

ACKNOWLEDGEMENTS

The Centre gratefully acknowledges the financial support of the following agencies:

MEMBERS

The National Science Foundation of the United States. (Grant No. EAR-0949072).
 The Royal Society of London.
 The Geological Survey of Canada, Dept. of Natural Resources.
 The University of Bergen, Norway.
 National Defence Research Establishment, Sweden.
 The Royal Netherlands Meteorological Institute.
 The Seismological Institute, National Observatory of Athens, Greece.
 Russian Academy of Sciences.
 Institute of Geological and Nuclear Sciences Ltd., New Zealand.
 Geological Survey of Denmark and Greenland (GEUS)
 India Meteorological Department.
 Geophysical Institute of Israel.
 The Institute for Meteorology, Portugal.
 The Swiss Academy of Sciences.
 GeoForschungsZentrum Potsdam, Germany.
 The Japan Meteorological Agency.
 Institut National des Sciences de l'Univers, France.
 Geoscience Australia.
 Bundesanstalt für Geowissenschaften und Rohstoffe, Germany.
 The University of Helsinki, Finland.
 Academy of Sciences of the Czech Republic.
 Bundesministerium für Bildung, Wissenschaft und Kultur, Austria.
 The Hungarian Academy of Sciences.
 Council for Geoscience, South Africa.
 Instituto Geografico Nacional, Spain.
 The Icelandic Meteorological Office.
 China Earthquake Administration.
 Stiftelsen NORSAR, Norway
 Dublin Institute for Advanced Studies, Ireland.
 Environmental Agency of Slovenia.
 Observatoire Royal de Belgique.
 Natural Resources Authority, Jordan.

Incorporated Research Institutions for Seismology, U.S.A.
 Institute of Geophysics, National University of Mexico.
 National Earthquake Information Center, U.S. Geological Survey, U.S.A.
 Geological Survey Department, Cyprus.
 National Institute for Earth Physics, Romania.
 Istituto Nazionale di Geofisica e Vulcanologia, Italy.
 Seismology Research Centre, Australia.
 British Geological Survey, U.K.
 University of Texas at Austin, U.S.A.
 LDG, Bruyeres-le-Chatel, France.
 Korea Meteorological Administration.
 Institute of Earth Sciences, Academia Sinica, Chinese Taipei.
 Kandilli Observatory and Earthquake Research Institute, Turkey.
 OGS, Trieste, Italy.
 NRIAG, Cairo, Egypt.
 University of the West Indies, Jamaica.
 Institute of Geophysics, Polish Academy of Sciences.
 Uppsala Universitet, Sweden.
 AWE Blacknest
 University of West Indies, Trinidad and Tobago
 Iraqi Meteorological Organization and Seismology
 Japan Agency for Marine-Earth Science and Technology, Japan.
 Earthquake Research Institute, University of Tokyo, Japan.
 Puerto Rico Seismic Network, University of Puerto Rico, U.S.A.
 Soreq Nuclear Research Center, Israel.
 Disaster and Emergency Management Presidency, Turkey.
 CRAAG, Algeria.
 University of Melbourne, Australia.
 INPRES, Argentina.
 Centre of Geophysical Monitoring, Belarus.
 National Institute of Polar Research, Japan
 Department of Geophysics, University of Chile

SPONSORS

REF TEK, Texas, U.S.A.

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

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Addendum I

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

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

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

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

The following example illustrates the changes :-

September 2002

```

NEIC 01 18:45:41.7±1.7,21.70S×179.55W,h600km,mb4.6/6,
Error ellipse: s-maj=75.5km s-min=25.7km az=151.0
IDC 01 18:45:46.3±2.6,21.76S×179.70W,h627km,37km,mb3.5/4,
mb1 3.7/4,mb1mx3.2/14,Error ellipse: s-maj=83.2km
s-min=20.6km az=159.0
ISC 01 18:45:43.1±2.7,22.3S;02×179.6W;03,h613km,42km,
n22,r1515/21,mb4.4/9,1C,South of Fiji Islands
Code Station Name Δ° AZ° Phase ID 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 PKP Pbc 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.

2012 FEB

1d 1h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes data for stations like VMUR Van-Muradiye, ERVY ERCIS-VAN, VANS Van, etc.

IDC 01 00:34:59.0-5.3,29.69Sx178.49W, h0km, mb3.9/2, mb1 4.1/2, mb1mx3.7/36, mbtmp3.9/2, Error ellipse: s-maj=304.3km s-min=75.2km az=166.0, Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes data for stations like ASAR Alice Springs, WRA Warramunga Arr, FINES FINESS Array B, etc.

NNC 01 08:42.2-4.0, 50.26N; 87.42E, h0km, mb3.5, mpv3.1, 7C-50, Error ellipse: s-maj=15.0km s-min=9.0km az=77.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes data for stations like MK31 Makanchi Array, MAZ Makanchi, MAZ Makanchi, etc.

NEIC 01 01:29:24.9-0.3, 10.80S; 165.90E, h35km, mb5.3/14, Error ellipse: s-maj=9.0km s-min=7.4km az=106.0

ISCJB 01 01:29:26.1-0.3, 10.93S; 0.06:165.87E, 0.05, h61km, mb4.7/22, Error ellipse: s-maj=8.5km s-min=7.1km az=13.9

IDC 01 01:29:27.9-3.3, 10.87S; 165.90E, h58km, 29km, mb3.8/10, mb1 4.0/12, mb1mx3.7/59, mbtmp4.1/12, ML4.6/22, MS3.5/6, Ms1 3.4/6, ms1mx3.1/42, Error ellipse: s-maj=6.2km s-min=18.3km az=37.0

ISC 01 01:29:27.5-0.5, 10.96S; 0.07:165.90E, 0.08, h61km, n58, r125/53, mb4.7/22, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes data for stations like HNR Honiara, DZM Mont Dzumac, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes data for stations like ASAR, MQZ, BBOO, FITZ, PPT, CBJJ, MLOA, NAROGIN, etc.

ISCJB 01 01:31:34.6-0.9, 37.46N; 0.04:27.12E, 0.09, h22km, 9km, Error ellipse: s-maj=11.8km s-min=5.5km az=162.4

CSEM 01 01:31:34.7-0.3, 37.47N; 27.08E, h5km, ML2.5, Error ellipse: s-maj=6.8km s-min=2.9km az=92.0

DDA 01 01:31:34.7-37.46N; 27.10E, h7km, ML2.4, Error ellipse: s-maj=7.37km s-min=2.24E, h4km, ML2.5/3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes data for stations like GCAM G?zelciami?, GCAM G?zelciami?, GCAM G?zelciami?, etc.

IDC 01 01:46:28.7-12.0, 31.82N; 165.42E, h0km, mb3.9/3, mb1 4.0/4, mb1mx3.6/49, mbtmp3.9/4, ML3.6/1, Error ellipse: s-maj=212.2km s-min=34.6km az=53.0, Vanuatu Islands

NIED 01 01:54:00, 33.90N; 138.80E, h5km, Mw4.1 Best double couple: M1.49000; 1019 NPI1.59.00000; 867.00000; 2.5.00000; NPI2.0.151.00000; 866.00000; 1.156.00000

ISCJB 01 01:54:57.6-0.3, 33.81N; 0.02:138.77E, 0.03, h10km, mb4.2/23, MS3.5/6, Error ellipse: s-maj=3.8km s-min=3.2km az=154.1

IDC 01 01:54:57.5-0.6, 33.80N; 138.87E, h0km, mb3.8/13, mb1 3.9/16, mb1mx3.8/63, mbtmp3.8/16, ML3.6/13, MS3.3/7, Ms1 3.4/7, ms1mx3.0/59, Error ellipse: s-maj=18.5km s-min=12.2km az=50.0

NEIC 01 01:54:58.7-0.4, 33.74N; 138.77E, h10km, mb4.5/10, Error ellipse: s-maj=9.7km s-min=7.8km az=56.0

JMA 01 01:54:59.2-0.1, 33.90N; 138.79E, h23km, 1km, M3.8 JMA Feat 1/1

ISC 01 01:54:58.3-0.5, 33.85N; 0.03:138.74E, 0.03, h10km, n75, r164/74, mb4.1/23, MS3.4/6, 4C-2D, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes data for stations like JKO Koji shima, JUNO Niijimaohara, TK03 Tokai 3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes data for stations like INU, MJAR, MAJO, MAT, MATSUSHIRO, etc.

SJA 01 01:59:55.0-0.6, 23.66S; 66.76W, h231km, 6km, ML3.3, MW3.4

ISCJB 01 01:59:56.3-0.4, 23.68S; 0.04:66.87W, 0.03, h210km, 4km, mb3.5/6, Error ellipse: s-maj=7.6km s-min=4.2km az=25.3

IDC 01 01:59:57.4-4.4, 23.56S; 66.57W, h201km, 32km, mb3.3/6, mb1 3.4/8, mb1mx3.2/35, mbtmp3.8/8, Error ellipse: s-maj=21.0km s-min=21.0km az=27.0

GUC 01 01:59:58.7-0.4, 23.44S; 67.44W, h257km, 10km, ML4.5

ISC 01 01:59:57.3-0.8, 23.68S; 0.05:66.86W, 0.04, h205km, 6km, n28, r109/43, mb3.6/6, 6C-3D, Juyuy Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes data for stations like HJA Humahuaca, HJA, SLA, AZAP, etc.

Table with columns: PB10, PB10, PB07, PB07, PB01, PB01, PB08, PB08, PB08, PB08, NMNC, NMNC, CPUP, CPUP, SIV, SIV, TXAR, TXAR, DBIC, DBIC, TORD, TORD, PARD, PARD, ULM, ULM, YKA, YKA, MKAR, MKAR. Includes station names, times, and coordinates.

ISCJB 01 02:21:19.0.0.7.46:96N.0:07:152:94E.0:08, h35km, mb3.77, Error ellipse: s-maj=11.4km s-min=5.2km az=141.0

MOS 01 02:21:22.9.1.6.46:65N.152:72E, h85km, mb4.0/4, Error ellipse: s-maj=16.3km s-min=11.4km az=53.4

IDC 01 02:21:26.8.3.0.46:77N.152:57E, h98km, mb3.3/8, mb1.3/4/10, mb1mx3.6/9, mbtmp3.6/10, Error ellipse: s-maj=41.4km s-min=19.4km az=156.0

SKHL 01 02:21:31.1.5.0.46:93N.153:00E, h60km, mb4.5/6, ISC 01 02:21:19.7.0.6.46:79N.0:08:153:09E.0:08, h35km, n39, az=09/36, mb4.0/7, 2Z, Kuril Islands

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations and their associated data.

Table with columns: IDC 01 02:28:56.4.5.5.39:41N.110:87E, h0km, mb3.5/3, mb1.3/7/4, mb1mx3.6/4, mbtmp3.6/4, ML2.6/1, Error ellipse: s-maj=115.9km s-min=25.0km az=84.0, Western Nei Mongol

TRN 01 02:36:10.1.18:81N.64:54W, h44km RSPR 01 02:36:11.8.18:87N.64:50W, h42km, 5km, MD3.6/8 NEIC 01 02:36:11.8.0.0.18:87N.64:50W, h42km, MD3.6/(RSPR), After RSPR.

ISC 01 02:36:11.3.3.4.18:9N.0:1:64:50W.0:1, h42km, n36, az=02/49, 14C-11D, Virgin Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations in the Virgin Islands region.

SJA 01 02:43:10.9.1.1.32:35S.72:09W, h13km, ML4.4, MW4.1 GUC 01 02:43:19.4.0.5.32:87S.71:33W, h53km, 5km, ML4.3 NEIC 01 02:43:19.0.0.32:88S.71:34W, h52km, mb4.8/6, ML4.3(GUC), After GUC.

NEIC felt [V] at Papudo, Quillota, Tilti, Valparaiso, Villa Alemana and Zapallar. [III] at Colina, El Quisco, La Ligua, Lampa, Los Andes, Puchuncavi, Rancagua, Santiago and Vina del Mar. [II] at San Antonio and San Fernando. Also felt at San Bernardo and San Felipe.

ISCJB 01 02:43:21.8.1.0.32:83S.0:03:71.42W.0:04, h15km, 7km, mb4.5/15, MS3.5/9, Error ellipse: s-maj=6.3km s-min=5.3km az=139.1

IDC 01 02:43:21.9.3.2.32:74S.71:44W, h53km, 26km, mb3.6/7, mb1.3/8/10, mb1mx3.6/4.5, mbtmp3.9/10, ML4.1/3, MS3.5/12, Ms1.3/4/12, ms1mx3.6/8, Error ellipse: s-maj=25.9km s-min=18.5km az=84.0

ISC 01 02:43:21.9.0.7.32:90S.0:03:71.36W.0:03, h18km, 3km, h19km, p-P, n253, az=47/265, mb4.6/15, MS3.5/9, 1C-SD, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations in Chile and other regions.

Table with columns: AMOG, ACAN, ACAN, CCHI, CCHI, LCO, LCO, LCO, LCO, LCO, GUANDACOL, MRA, MRA, APLL, APLL, VCA, VCA, VCA, VCA, CANA, CANA, ACCL, ACCL, ACCL, TCA, TCA, TCA, CYA, CYA, PLCA, PLCA, PLCA, FSA, FSA, TROA, TROA, PB10, PB10, PB04, PB04, NMNC, NMNC, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, EFI, EFI, NNA, NNA, ATAH, ATAH, PMSA, PMSA, HOPE, HOPE, PTGA, PTGA, RUSC, RUSC, SDV, SDV, RCBR, RCBR, SNA, SNA, SNA, SNA, TEIG, TEIG, GSPA, GSPA, MOIG, MOIG, SBA, SBA, CSU, CSU, 249A, 249A, 150A, 150A, 245A, 245A, Z50A, Z50A, JSC, JSC, Z48A, Z48A, Y50A, Y50A, Y47A, Y47A, KMSC, KMSC, X50A, X50A, Y46A, Y46A, JCT, JCT, Y45A, Y45A, X48A, X48A, Z42A, Z42A, X47A, X47A, TXAR, TXAR, X39A, X39A, X45A, X45A, WHTX, WHTX, OXF, OXF, TKL, TKL, X44A, X44A, Y40A, Y40A, V48A, V48A, V47A, V47A, V46A, V46A, WVT, WVT, X39A, X39A, W41B, W41B, U47A, U47A, U46A, U46A, U45A, U45A, W39A, W39A, V41A, V41A, T47A, T47A, T46A, T46A, U40A, U40A, U42A, U42A, T43A, T43A, MNTX, MNTX, MNTX, MNTX, U39A, U39A.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like Van Buren, Jenks, Mountain View, Leonard, Carbondale, Northridge Ran, Fulton Ridge, Meyer Ranch, Mansfield, Clever, Caledonia, Jilco Farms, Waltonville, Muleshoe, Diamond, Lebanon, Pawnee, Red Bud, Cathedral Cave, Luebbering, Warren Harvey, Bolivar, Amarillo, Rosebud, Stockton, Martinsville, Maddies Statio, New Douglas, McClaskey Farm, Golden Eagle, Chumby, Stover, Fenwick Farm, Lake Cedric, Truxton, Moraine State, Otter Creek Ra, Sheridan, Laux Farm, Skaggs, Pawnee, Teagarden Farm, Winchester, Willow Grove F, Cooks Store, Paris, Sugar Creek Fa, Monticello, Isabella, Hill, Passetys Farm, HDIL, Mercer Eighty, Dawn, La Belle, Stutzman Famil, Yates City, Kirksville, Harden Midland, Midewin, Midew, Wolfen Farm, M, Waltham Townsh, Walnut Farm, R, Derby Farms, D, Milan, Joes South For, Beatrice, Garden Prairie, Muff Farm, Cla, Hebron, Pleasantville, Preston, Tabor, Anamosa, Lo Mia Camp, P, Trindle Farm, Felix, Anita, Prairie Point, Shullsburg, Great Sand Dun, Colesburg, Jewell Farm, Bielow Farm, Soldiers Grove, Divide, Gilmore City, Decorah.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like Iron Mountain, Houston, Seneca 1, Swea, Scanlan Farm, Verdigre, Lemond, Waseca, O'Neill, Creekview Farm, Davis, Kowa, Kowa, J32A, EROS Data Cent, Jessenland, He, Boshof, BOSA, Laguna Peak, Spellman Lake, Prehn Over Nor, Carlson Farm, P18A, Laurel Mtn Rad, Benson, Milota, McGregor, K22A, Troy Canyon, Dugway, Tooele, RSSD, Black Hills, EYMN, Pely, C36A, Jirik Farms, C33A, Trail, TOAO, Torodi Ar. Sit, TORO, Torodi Ar. Bea, TORO, WAKE ISLAND, WAKE ISLAND, WAKE ISLAND, Borovoye Array, PSI, AAK, AAK, KURBB, KURBB, KURK, KURK, KASHI, KASHI, ZALV, ZALV, ZALV, MK32, MK32, MKAR, MKAR, LZH, LZH, LZH, CD2, Chengdu.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like Zalesovo Beam, ISK 01 03:01:26.5, ISK 01 03:01:27.6, CSEM 01 03:01:27.4, DDA 01 03:01:27.6, ISC 01 03:01:27.6, NNC 01 03:03:20.1, SOME 01 03:03:20.1, WEL 01 03:04:17.4, MXZ, MXZ, WMGZ, WMGZ, PKGZ, PKGZ, PUZ, PUZ, HAZ, HAZ, PKGZ, PKGZ, RUGZ, RUGZ, CNZG, CNZG, TKGZ, TKGZ, MWZ, MWZ, WHRZ, WHRZ, RIGZ, RIGZ, RAGZ, RAGZ, PKGZ, PKGZ, PRGZ, PRGZ, KNZ, KNZ, RNTZ, RNTZ, MUGZ, MUGZ.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like YKA Yellowknife Arr, YKBS Yellowknife Arr, YKAS Lajitas Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KIEV Kiev, AKTK Aktyubinsk, AKTO Aktyubinsk, etc.

NEIC 01 04:30:47.1±0.1, 11°60'N; 125°56'E, h10km, mb5.5/31/15, Error ellipse: s-maj=3.9km s-min=2.8km az=80.0. NEIC Felt [V PIVS] at Borongan and Hernani; [IV PIVS] at Mercedes and San Policario; [III PIVS] at Catbalogan. Felt [V PIVS] at Tacloban; [IV PIVS] at Pastrana and Tolosa; [III PIVS] at Dulag, Leyte. Felt [II] at Palo. Felt [I PIVS] at Surigao, Mindanao.

GCMT 01 04:30:47.1±0.2, 11°82'N; 125°78'E, h30km±1km, Mw5.2/86; Moment Tensor Solution. s58, c73, s86, c15; Duration: 0. Moment tensor; Scale: 10^19Nm; M+4.40z-21; Mw0.27±.14; Mw-0.67±.15; Mw-0.20±.23; Mw-1.5±.09; Mw-4.6±.30; Best double couple: M6.687000; 1016 NP1±35.4±0000; 868.00000; 1.99.00000. NP2: 0±152.00000; 824.00000; 1.70.00000. Principal axes: T 6.4160, Plg66.0000; Azm280.0000; P -6.9580, Plg22.0000; Azm78.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BESP Borongan, PLP Palo, OCLP Ormoc, etc.

1d 4h

2025 FEB

Table with columns: Station, Name, Frequency, Power, Mode, and other parameters. Includes stations like CCB, DHY, SCM, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other parameters. Includes stations like SULT, SKAG, YSU, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other parameters. Includes stations like DOOMB, OSL, OSI, etc.

1d 5h

Table with columns: Call Sign, Station Name, Frequency, Mode, and other parameters. Includes stations like MAKOR, MAZ, MA2, KSH, etc.

2012 FEB

Table with columns: Call Sign, Station Name, Frequency, Mode, and other parameters. Includes stations like KOWA, TKL, PLCA, etc.

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Table with columns: Call Sign, Station Name, Frequency, Mode, and other parameters. Includes stations like SCHEFFERVILLE, YKA, YKB5, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like 7.4nm,0.6s, 2.7nm,0.7s, etc.

ISCJB 01 05:36:55.4:0.6,35:86N:0:05:0:36E:0:04,h14km,Error ellipse: s-maj=7.5km s-min=3.8km az=13.3 CSEM 01 05:36:55.3:0.4,35:80N:0:39E,h10km,ML3.0,Error ellipse: s-maj=12.3km s-min=5.6km az=8.0 MDD 01 05:36:55.0:7.35:78N:0:39E,h0km,mb3.9/4,Error ellipse: s-maj=1.5km s-min=0.6km az=15.0,PRXIMO CRAAG 01 05:36:56.5:35:36N:0:54E,ML3.0

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ISCJB 01 05:17:08.4:0.8,43:45N:0:06:146:49E:0:06,h59km,6km, Error ellipse: s-maj=10.7km s-min=5.3km az=145.1 MOS 01 05:17:08.6:1.4,43:59N:146:37E,h62km,mb4.4/1,Error ellipse: s-maj=21.4km s-min=18.9km az=100.0 JMA 01 05:17:09.5:0.2,43:39N:146:43E,h50km,1km,M3.8 JMA Felt J1.

SKHL 01 05:17:09.6:0.6,43:57N:146:43E,h66km,3km,mb4.8/7 ISC 01 05:17:09.0:0.6,43:44N:0:06:146:49E:0:05,h47km,11km,n2.9,0:96/48,9C-20,Kuril Islands

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

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

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

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

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

TIR 01 05:21:24.6:0.7,41:29N:20:32E,h6km,820km,ML2.8 SKO 01 05:21:25.0:41:35N:20:28E,h8km,M1.1 ISC 01 05:21:24.8:1.5,41:32N:0:05:20:31E:0:04,h14km,12km,n5,0:93/10,2C,Albania

ISK 01 05:25:26.6,38:53N:43:37E,h5km,ML2.6/5 DDA 01 05:25:27.1,38:53N:43:57E,h7km,ML2.8 CSEM 01 05:25:28.1:0.3,38:59N:43:39E,h5km,ML2.6,Error ellipse: s-maj=9.1km s-min=6.4km az=118.0 ISC 01 05:25:27.2:1.3,38:58N:0:03:43:56E:0:03,h11km,11km,n2.3,0:162/36,Turkey

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

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

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

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

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

ISCJB 01 05:26:06.7:0.9,24:9N:0:1:109:5W:0:2,h17km,mb3.1/2, Error ellipse: s-maj=25.9km s-min=6.4km az=17.7 MEX 01 05:26:07.8:0.3,25:26N:110:04W,h10km,MD3.7 IDC 01 05:26:08.3:1.9,24:72N:109:46W,h30km,26km,mb3.0/2, mb1.3/5,mb1mx3.3/54,mbmp3.2/5,ML3.5/3,Error ellipse: s-maj=59.4km s-min=15.8km az=146.0 ISC 01 05:26:07.7:1.1,24:9N:0:1:109:6W:0:2,h17km,n8,0:93/9,Gulf of California

ISC 01 05:26:08.7:3.0,37:6N:0:2:72:11E:0:09,h113km,n12,0:94/18,6C-6D,Tajikistan

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

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

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

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

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

IDC 01 05:41:38.2:1.8,0:15N:97:56E,h0km,mb3.6/6,mb1.3/8/8, mb1mx3.5/68,mbmp3.6/8,ML4.5/1,MS3.4/1,Ms1.3/4/1, ms1mx2.5/64,Error ellipse: s-maj=59.2km s-min=20.6km az=61.0 ISCJB 01 05:41:41.4:1.0,0:33N:0:08:97:64E:0:08,h29km, mb3.6/6,MS3.4/1,Error ellipse: s-maj=13.8km s-min=8.5km az=44.6 DJA 01 05:41:48.5:0.7,1:5N:9:8E,1:15km,7km,M3.2/7, MLV3.2/7 ISC 01 05:41:42.5:1.3,0:29N:0:10:97:6E:0:1,h29km,n18,0:134/16,mb3.6/6,Northern Sumatra

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

1d 6h

Table with columns: TPTI, PDSI, KCSI, CMAR, H0S2, H0S3, H0S1, WRA, ASAR, SONM, MKAR, KURBS, ZALV, ATD. Includes station names, coordinates, and various parameters.

IDC 01 05:48:08.2,2.8,2:20N:91.47E,h0km,mb3.7/3,mb1.3/9.4, mb1mx3.3/79,mbtmp3.7/4, Error ellipse: s-maj=92.6km s-min=30.1km az=58.0

DJA 01 05:48:20.4,1.1,3:19N:9.4E,h10km,M4.2/4,mb4.3/1, MLV4.2/4

ISC 01 05:48:22.2,2.9,2.6N:0.1:93.8E,0.2,h35km,n15, r168/14,mb3.8/3,Off west coast of northern Sumatra

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like Meulaboh, Aceh, Gunungsitoli, etc.

CSEM 01 05:50:20.1,41:28N:20:33E,h6km,ML3.1 TIR 01 05:50:20.1,2.5,41:28N:20:33E,h6km,141km,ML3.1

SKO 01 05:50:22.0,41:34N:20:32E,h10km,M1.5,ML2.0

ISC 01 05:50:22.1,1.3,41:29N:0.04:20:32E,0.03,h4km,n11km, n10,r1507/20,2C,Albania

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like Tirane, Ohrid, Peshkopia, etc.

THE 01 05:53:35.4,42:15N:25:29E,h9km,1km,ML2.6/6,Error ellipse: s-maj=2.7km s-min=1.0km az=61.0

CSEM 01 05:53:36.7,0.2,42:06N:25:23E,h2km,ML2.6,Error ellipse: s-maj=5.6km s-min=5.1km az=54.0

ISK 01 05:53:36.5,42:20N:25:44E,h12km,ML3.0/4

BEO 01 05:53:41.3,0.9,42:26N:24:92E,h0km,M2.3/5

ISC 01 05:53:34.2,1.1,42:20N:0.02:25:28E,0.02,h6km,n10km, n56,r1510/84,9C-2D,Bulgaria

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like Rodhopi, Edirne, Kavala, etc.

2012 FEB

Table with columns: SOH, GELI, KNT, RKY, RUK, ROR, LPK, VAY, VAV, ZAPS, ZORT, HORT, ZAGS, ZAGS, ZAGS, BOVS, BOVS, BOVS, TIRR, VOIR, VOIR, MLR, BZS, BZS. Includes station names, coordinates, and various parameters.

ISC/JB 01 05:57:29.6,0.6,24:92N:0.04:122:72E,0.03,h18km,5km, mb3.4/5,MS2.9/1, Error ellipse: s-maj=7.0km s-min=4.0km az=11.1

JAP 01 05:57:29.9,0.2,24:89N:122:71E,h40km,4km,M2.4

BUJ 01 05:57:29.3,2.4,24:93N:122:72E,h10km,1km,ML3.1 D

ISC 01 05:57:52.4,6.3,25:08N:122:41E,h205km,64km,mb3.0/5, mb1.3/2.6,mbtmp2.8/72,mbtmp3.6/6,MS3.2/3,MS1.3/2.3, ms1mx2.6/19, Error ellipse: s-maj=43.8km s-min=19.9km az=65.0

ISC 01 05:57:28.3,1.5,24:88N:0.06:122:69E,0.03,h4km,n11km, n40,r5886/48,mb3.5/5,Taiwan region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like YJNG, YOJ, EOSI, ENA, TWE, NANB, ENA, YM07, ENT, YM12, IRIF, YHNB, YHNB, NACB, NACB, NSK, NNS, YKRS, JIJ, WHF, JISG, TDCB, CHGB, HGSD, SMLT, SSSL, TWF1, FULB, KSRS, DAVS, SONM, SONM, ZALV, KURBS, WRA, YKA. Includes station names, coordinates, and various parameters.

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Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like I46RU, ZALV, ZALV, KURBS, KURBS, KURBS, MKAR, MKAR, MKAR. Includes station names, coordinates, and various parameters.

IDC 01 06:16:03.8,10.0,12:81S:166:17E,h285km,n116km, mb3.3/3,mb1.3/5.6,mb1mx3.1/52,mbtmp3.9/6, Error ellipse: s-maj=90.9km s-min=24.9km az=162.0, Santa Cruz Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like DZM, DZM, WRA, ASAR, ILAR, MKAR, YKA. Includes station names, coordinates, and various parameters.

KLM 01 06:20:48.5,2:25N:93:31E,h30km,mb4.9

IDC 01 06:20:51.9,0.6,2:59N:93:05E,h0km,mb4.6/36, mb1.4/739,mb1mx4.5/73,mbtmp4.7/39,ML4.7/3,MS3.6/23, MS1.3/6/23,ms1mx3.4/67, Error ellipse: s-maj=19.4km s-min=12.6km az=30.0

BUJ 01 06:20:53.2,2.4,24:93N:122:72E,h10km,1km,ML3.1 D

ISC/JB 01 06:20:53.0,2.2,56N:0.03:93:09E,0.03,h21km, mb4.7/65,MS3.8/26, Error ellipse: s-maj=5.4km s-min=3.0km az=62.0

NEIC 01 06:20:55.4,1.7,2:61N:93:07E,h22km,n11km,mb4.7/15, Error ellipse: s-maj=7.4km s-min=4.4km az=225.0

DJA 01 06:21:00.5,0.5,3:19N:9.4E,h10km,M4.2/4,mb4.3/1, MLV4.2/4

ISC 01 06:20:55.2,0.4,2:58N:0.06:93:08E,0.05,h21km,n209, r1522/16,mb4.8/70,MS3.7/26,12C-2D,Off west coast of northern Sumatra

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like Meulaboh, Aceh, Gunungsitoli, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like H08S3 Diego Garcia H, H08S1 Diego Garcia H, NGP Nagpur, QIZ Qiongzong, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MK01 Makanchi Array, MK31 Makanchi Array, MK32 Makanchi Array, MK3R Makanchi Array, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CLL Collm, WTTA Wattenberg, HFS Hagfors, MOTA Moosalm, etc.

CSEM 01 06:25:10.0, 37:56N, 21:90E, h12km, ML1 1/69, ATH 01 06:25:10.0, 37:56N, 21:90E, h12km, ML1 1/69, Error ellipse: s-maj=4.8km s-min=0.7km az=261.0, Southern

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like AMT Artemida-Makis, AMT Artemida-Makis, AMT Artemida-Makis, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ZALV Zalesovo Beam, ZALV Kurchatov Arra, and MKAR Makanchi Array.

NIED 01 06:30:00, 40:00N, 143:60E, h11km, Mw3.8 Best double couple: M0.50000, 1014, NP100.168, 00000, 825, 00000, lambda 3.0, 00000. NP200.50000, delta 0.00000, lambda 112, 00000. ISCBJ 01 06:30:29.9, 1.0, 40:11N, 143:52E, 0:09, h6km, mb3.6/7, Error ellipse: s-maj=13.6km s-min=5.1km az=137.0

JMA 01 06:30:30.9, 0.2, 40:01N, 143:57E, h20km, 4km, M3.6 IDC 01 06:30:36.2, 4.6, 39:96N, 143:71E, h60km, 39km, mb3.4/7, mb1.3, 5.9, mb1mx3.2/70, mbtmp3.6/9, ML3.2/2, Error ellipse: s-maj=39.4km s-min=21.7km az=79.0

ISC 01 05:03N, 143:59E, 0:09, h6km, n25, c152/23, mb3.8/7, Off east coast of Honshu

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, Res. Includes stations like JTH Tanohata, MJVJ Miyakonagawasa, JANG Nango, etc.

WEL 01 06:34:25.3, 43°S, 173°E, h12km, 1km, ML3.7/3, South Island

Main station list table for the South Island region with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, Res. Includes stations like CRLZ Canterbury Las, EYVZ Eyrewell, etc.

ISC/BJ 01 06:42:10.3, 0.2, 15:05S, 177:82W, 0:04, h372km, mb4.0/159, Error ellipse: s-maj=7.6km s-min=4.3km az=149.2

NEIC 01 06:42:10.9, 0.5, 15:00S, 177:82W, h366km, 5km, mb4.7/139, Error ellipse: s-maj=5.6km s-min=3.0km az=146.0

IDC 01 06:42:10.7, 1.9, 14:92S, 177:77W, h360km, 20km, mb4.0/19, mb1.4, 2.2/21, mb1mx3.9/51, mbtmp4.8/21, Error ellipse: s-maj=16.1km s-min=9.0km az=147.0

ISC 01 06:42:11.3, 0.3, 15:03S, 177:76W, 0:06, h372km, n221, c081/219, mb4.6/158, Fiji Islands region

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

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, Res. Includes stations like DZM Mont Dzumac, RAR Rarotonga, OUZ Omahuta, etc.

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, Res. Includes stations like E07A Sunnyside, WUAZ Wupatki, CAST Gas Rocks, etc.

MPMC	Manual Prospec	131.34	44	P	PKPdf	07 33 31.9	-0.7	baz=302	IKP	baz=337	In-Ko-Pah, Jac	134.09	47	P	PKPdf	07 33 37.6	-0.1	ANMO Albuquerque	139.16	37	ePKPpre	PKPpre	07 33 39.9	
SPUT	South Promonto	131.40	35	ePKPpdf	PKPdf	07 33 32.7	+0.2	baz=302	IKP	baz=301	baz=301	134.09	47	P	SKP	SKPbc	07 37 01.3	+0.9	BNN Barren Site	139.59	38	ePKPpre	PKPpre	07 33 41.1
LRMC	Laurel Mtn Rad	131.51	44	P	PKPdf	07 33 32.6	-0.2	baz=302	E32A	baz=301	Braaten, Kindr	134.15	18	SKP	SKPbc	07 36 59.5	-0.5	319A Douglas	139.62	43	ePKPdf	PKPdf	07 33 47.1	
LRMC					SKP	07 36 51.7	-0.4	baz=302	SWSC	baz=333	Sam W. Stewart	134.16	46	P	PKPdf	07 33 38.1	+0.4	SRIG Santa Rosalia	139.66	51	ePKPpre	PKPpre	07 33 41.8	
FURC	Furnace Creek,	131.55	43	P	PKPdf	07 33 33.2	+0.6	baz=303	SWSC	baz=301	baz=301	134.16	46	P	SKP	SKPbc	07 37 01.1	+0.6	KSU1 Kansas State U	140.87	23	ePKPpre	PKPpre	07 33 43.2
FURC					SKP	07 36 51.4	-0.6	baz=303	D34A	baz=306	Park Rapids	134.27	17	SKP	SKPbc	07 36 59.0	-1.4	BINY Birmingham	141.65	35	ePKPdf	PKPdf	07 33 49.7	
EDW2	Edwards Air Fo	131.60	45	P	PKPdf	07 33 33.6	+0.7	baz=301	C36A	baz=339	Pin Crest Far	134.27	14	P	PKPdf	07 33 36.0	-1.5	HDIL Hopedale	141.90	14	ePKPpre	PKPpre	07 33 46.2	
EDW2					SKP	07 36 51.7	-0.7	baz=301	C36A	baz=339	baz=339	134.27	14	P	SKP	SKPbc	07 36 59.1	-1.3	AMTX Amarillo	141.92	33	ePKPdf	PKPpre	07 33 48.5
TPNV	Topopah Spring	131.69	42	P	PKPdf	07 33 33.8	+0.6	baz=304	EYMN	baz=339	Ely	134.40	13	P	PKPdf	07 33 38.0	+0.3	R36A Gordon, Harris	141.98	23	P	PKPpre	07 33 46.8	
TPNV					SKP	07 36 52.2	-0.7	baz=304	EYMN	baz=341	baz=341	134.40	13	P	SKP	SKPbc	07 36 59.7	-1.2	MSTX Muleshoe	142.00	35	P	PKPpre	07 33 47.3
TPNV	Topopah Spring	131.69	42	ePKIKP	PKPdf	07 33 33.6	+0.4	baz=304	F31A	baz=331	Hecla	134.41	20	SKP	SKPbc	07 36 59.9	-1.0	MSTX Muleshoe	142.00	35	ePKPpre	PKPpre	07 33 47.3	
TPNV	Topopah Spring	131.69	42	ePKIKP	PKPdf	07 33 33.5	+0.4	baz=304	C37A	baz=331	Embarrass	134.45	14	SKP	SKPbc	07 36 59.9	-1.1	MNTX Cornudas Mount	142.00	40	P	PKPpre	07 33 47.6	
MWC	Mount Wilson	131.89	46	ePKIKP	PKPdf	07 33 33.3	-0.4	baz=304	O20A	baz=340	White River Ci	134.54	33	P	PKPdf	07 33 38.1	-0.4	P40A Paris	142.10	18	P	PKPpre	07 33 47.1	
MWC	Mount Wilson	131.89	46	ePKIKP	PKPdf	07 33 33.3	-0.4	baz=304	O20A	baz=315	baz=315	134.54	33	P	SKP	SKPbc	07 37 01.9	+0.1	Q38A Cooks Store, C	142.10	20	P	PKPpre	07 33 46.7
DUG	Dugway, Tooele	131.91	36	P	SKP	07 36 52.3	-1.3	baz=304	O20A	baz=315	White River Ci	134.54	33	ePKPdf	PKPdf	07 33 38.6	+0.1	U32A Winter Ranch,	142.11	28	P	PKPpre	07 33 47.2	
DUG	Dugway, Tooele	131.91	36	ePKIKP	PKPdf	07 33 34.5	+1.1	baz=304	E33A	baz=316	White River DABS,	134.56	18	SKP	SKPbc	07 37 00.4	-1.0	N46A Monticello	142.13	11	P	PKPpre	07 33 46.4	
BW06	Boulder Array	131.98	31	P	PKPdf	07 33 34.0	+0.3	baz=304	U15A	baz=316	North Rim	134.58	40	ePKPdf	PKPdf	07 33 40.2	+1.4	O43A Otter Creek Fa	142.15	14	P	PKPpre	07 33 47.2	
BW06					SKP	07 36 52.1	-1.9	baz=304	D35A	baz=337	Wadena	134.79	17	SKP	SKPbc	07 37 00.2	-1.2	S35A Otter Creek Ra	142.21	24	P	PKPpre	07 33 47.1	
BW06	Boulder Array	131.98	31	ePKIKP	PKPdf	07 33 34.5	+0.8	baz=304	PDMCI	baz=304	Parker Dam, Lak	134.59	43	SKP	SKPbc	07 37 01.8	-0.1	Q39A Willow Grove F	142.24	19	P	PKPpre	07 33 47.1	
PDAR	Pinedale Array	131.98	31	ePKIKP	PKPpre	07 33 34.5	+0.8	baz=304	Y12C	baz=303	Blythe	134.63	44	P	PKPdf	07 33 38.4	+0.2	R37A Teagarden Farm	142.24	22	P	PKPpre	07 33 46.4	
PDAR					SKP	07 36 52.0	-1.2	baz=304	Y12C	baz=303	baz=303	134.63	44	P	SKP	SKPbc	07 37 02.6	+0.6	P41A Barry, Barry	142.26	17	P	PKPpre	07 33 46.6
PDAR					SKP	07 36 53.4	+0.5	baz=304	Y12C	baz=303	Blythe	134.63	44	ePKPdf	PKPdf	07 33 38.8	+0.2	M54A Oil Creek Stat	142.34	2	P	PKPpre	07 33 47.7	
BFSC	Mount Baldy Ra	132.16	46	SKP	SKPbc	07 36 53.4	-1.5	baz=304	C38A	baz=341	Sawbill Land.	134.67	13	SKP	SKPbc	07 37 00.7	-1.0	S36A Lake Cedric, C	142.46	23	P	PKPpre	07 33 48.2	
CTU	Camp Tracy	132.20	35	ePKPdf	PKPdf	07 33 34.5	+0.4	baz=304	D36A	baz=338	Goodland	134.73	15	SKP	SKPbc	07 37 01.2	-0.7	O44A Matfield	142.48	13	P	PKPpre	07 33 48.9	
GSC	Goldstone, Bar	132.21	44	ePKIKP	PKPdf	07 33 35.2	+1.1	baz=304	F32A	baz=332	Veblen	134.77	19	SKP	SKPbc	07 37 01.3	-0.8	P42A Winchester	142.54	16	P	PKPpre	07 33 47.6	
GSC	Goldstone, Bar	132.21	44	ePKIKP	PKPdf	07 33 35.2	+1.1	baz=304	E34A	baz=335	Wadena	134.79	17	SKP	SKPbc	07 37 01.6	-0.5	O45A Potomac	142.56	12	P	PKPpre	07 33 49.9	
MDND	Madcock	132.22	20	P	PKPdf	07 33 33.6	-0.1	baz=304	GLA	baz=302	Glamis	134.80	45	P	PKPdf	07 33 38.7	-0.2	Q40A Laux Farm, Aux	142.58	18	P	PKPpre	07 33 47.7	
MDND					SKP	07 36 52.6	-1.9	baz=304	GLA	baz=302	Glamis	134.80	45	P	SKP	SKPbc	07 37 03.8	+1.2	R38A Fenwick Farm,	142.69	21	P	PKPpre	07 33 48.3
MDND	Madcock	132.22	20	ePKPdf	PKPdf	07 33 34.3	+0.7	baz=304	C40A	baz=302	Isle Royale Na	134.91	11	SKP	SKPbc	07 37 03.0	-1.4	P43A Skaggs, Pawnee	142.71	15	P	PKPpre	07 33 48.5	
A32A	Rocking H Ranc	132.24	17	P	PKPdf	07 33 33.2	-0.5	baz=304	D37A	baz=344	Cotton	134.93	14	SKP	SKPbc	07 37 01.2	-1.3	LPIG La Paz	142.72	54	ePKIKP	PKPpre	07 33 51.3	
A32A					SKP	07 36 52.0	-2.6	baz=304	D37A	baz=339	Pequot Lakes	134.97	16	SKP	SKPbc	07 37 01.7	-1.0	LPIG	comp=Z,1.3nm,0.7s,ba=319,slow=2.5,SNR=5.6	SKPbc	SKPbc	07 37 25.3	+0.3	
SHOC	Shoshone, Teco	132.25	43	P	PKPdf	07 33 33.7	-0.4	baz=304	E35A	baz=336	Pequot Lakes	134.97	16	SKP	SKPbc	07 37 01.7	-1.0	S37A Fort Scott	142.73	22	P	PKPpre	07 33 48.8	
SHOC					SKP	07 36 54.3	-0.8	baz=304	G31A	baz=336	Conde	134.97	20	SKP	SKPbc	07 37 02.3	-0.5	T35A Cooner Cattle	142.78	25	P	PKPpre	07 33 49.2	
PSUT	Pine Spring	132.31	39	ePKPdf	PKPdf	07 33 35.5	+1.1	baz=304	F33A	baz=334	5 Mile Ranch,	135.06	18	P	PKPdf	07 33 38.7	-0.3	Q41A Truxton	142.88	17	P	PKPpre	07 33 49.5	
B31A	Greenbush Farm	132.34	18	SKP	SKPbc	07 36 53.0	-2.0	baz=304	F33A	baz=334	5 Mile Ranch,	135.06	18	P	SKP	SKPbc	07 37 02.3	-0.7	O47A Sheidan	142.88	11	P	PKPpre	07 33 49.7
JLU	Jordanelle	132.43	35	ePKPdf	PKPdf	07 33 36.3	+1.7	baz=304	PHWY	baz=334	Pilot Hill	135.10	30	ePKPdf	PKPdf	07 33 39.4	-0.2	R39A Chumby, Stover	142.88	20	P	PKPpre	07 33 48.9	
N33A	North Lily Min	132.50	36	ePKPdf	PKPdf	07 33 36.4	+0.0	baz=304	PV09	baz=335	Paradox Hill	135.13	35	ePKPdf	PKPdf	07 33 40.1	+0.2	TC A Tani	142.92	199	eP	PKPdf	07 33 52.9	
A33A	Wardoad	132.52	16	P	PKPdf	07 33 33.4	-0.7	baz=304	N23A	baz=318	Red Feather La	135.19	30	P	PKPdf	07 33 38.1	-1.6	N59A State Game Lan	142.92	357	ePKPdf	PKPdf	07 33 52.2	
A33A					SKP	07 36 53.3	-2.5	baz=304	G23A	baz=318	Webster	135.19	20	SKP	SKPbc	07 37 04.7	-0.8	T36A Boggs Farm, Ca	142.92	24	P	PKPpre	07 33 49.9	
B32A	Sheep Range	132.67	42	ePKPdf	PKPdf	07 33 36.2	+1.2	baz=304	PLCA	baz=332	Paso Flores	135.26	188	PKHKP	PKPpre	07 33 28.6	N59A State Game Lan	142.92	357	ePKPdf	PKPdf	07 33 52.2		
B32A					SKP	07 36 53.7	-2.8	baz=304	PLCA	comp=Z,1.7nm,0.6s,ba=272,slow=1.8,SNR=7.7	SKPbc	07 33 41.9	+0.7	R40A Maddies Statio	143.19	21	P	PKPpre	07 33 49.5					
MPU	Maple Canyon	132.71	36	ePKPdf	PKPdf	07 33 34.9	-0.1	baz=304	PLCA	comp=Z,7.9nm,0.9s,ba=197,slow=3.7,SNR=5.3	SKPbc	07 37 04.1	+0.2	S38A Stockton	143.19	21	P	PKPpre	07 33 49.1					
TUQ	Turquoise Moun	132.75	43	P	PKPdf	07 33 35.6	-1.0	baz=304	PLCA	comp=Z,7.9nm,0.9s,ba=197,slow=3.7,SNR=5.3	SKPbc	07 37 08.2	+0.2	SLB5 Sierra La Lagu	143.24	51	ePKPdf	PKPbc	07 33 52.9					
HEC	Hector Ludlow	132.79	44	SKP	SKPbc	07 36 56.4	-1.1	baz=304	PV10	baz=338	Paradox Valley	135.31	35	ePKPdf	PKPdf	07 33 40.5	+0.4	P45A Graedeland, Par	143.24	13	P	PKPpre	07 33 49.5	
MURC	Murrieta	132.82	46	SKP	SKPbc	07 36 56.1	-1.6	baz=304	E36A	baz=338	McGregor	135.31	15	P	PKPdf	07 33 38.6	-0.9	SSPA Standing Stone	143.25	20	ePKPdf	PKPdf	07 33 52.7	
C31A	Landman Farms,	132.87	18	P	PKPdf	07 33 34.1	-0.8	baz=304	E36A	baz=338	McGregor	135.31	15	P	SKP	SKPbc	07 37 02.7	-1.1	T37A Chenyeville 18	143.25	23	P	PKPpre	07 33 50.0
C31A					SKP	07 36 55.2	-2.2	baz=304	SUSD	baz=338	Miller	135.39	22	SKP	SKPbc	07 37 04.0	-0.1	Q43A New Douglas	143.32	16	P	PKPbc	07 33 51.8	
AGMN	Agassiz Nation	132.98	16	P	PKPdf	07 33 34.0	-1.0	baz=304	PV05	baz=339	Paradox Valley	135.47	36	ePKPdf	PKPdf	07 33 40.5	+0.2	S39A Bolivar	143.34	21	P	PKPpre	07 33 49.9	
AGMN					SKP	07 36 55.2	-2.6	baz=304	E37A	baz=339	Wrenshall	135.49	14	SKP	SKPbc	07 37 03.7	-0.6	A99A Uspallata	143.36	192	eP	PKPdf	07 33 54.9	
B34A	Robert and Kas	133.08	16	SKP	SKPbc	07 36 54.9	-3.3	baz=304	H31A	baz=330	Wolsey	135.53	21	SKP	SKPbc	07 37 03.1								

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like V38A Canehill, R46A Gibon Southern, SIUC Southern Hill, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like W45A Hickory Valley, X43A Marvell, V48A Smoot Brothers, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like 346A Big Creek Wild, LNIG Linares, 151A Opelika, etc.

ISCJB 01 07:15:10.8:0.7, 2.77S:0.07:129.49E:0.06, h28km, mb4.0/3, Error ellipse: s-maj=11.5km s-min=7.1km az=145.5

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like MSAI Masohi, AAI Ambon, BNDI Bandanaira, etc.

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

SKO 01 07:42:41.4, 41.29N; 20.29E, h24km, M1.5, ML2.5
TIR 01 07:42:41.0, 3.3, 41.26N; 20.34E, h44km, 77km, ML2.8
CSEM 01 07:42:42.6, 0.3, 41.38N; 20.39E, h2km, ML2.2, Error
ellip: s-maj=7.0km s-min=4.4km az=12.0

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZAGS Zajecar, MDVR Moldovita, etc.

NIED 01 07:44:00.24, 24.70N; 125.07E, h53km, Mw4.0, Best double
couple: Mo1.230000+10.15; NP1.127.000000, 843.000000,
lambda=80.000000, NP2.293.000000, 848.000000,
lambda=100.000000

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MK01, MK31, etc.

IDC 01 07:56:51.3, 1.4, 29.59S; 178.20W, h0km, mb3.4/2,
mb1 3.8/3, mb1mx3.5/42, mbtmp3.7/3, ML3.1/1, Error
ellip: s-maj=39.4km s-min=12.5km az=135.0

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

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

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

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

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

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

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

SOME 01 08:05:50.5, 43.67N; 82.88E, h0km
NNC 01 08:05:56.2, 0.9, 43.80N; 82.69E, h0km, mb2.7, mpv2.4

Error ellipse: s-maj=10.1km s-min=3.2km az=121.0

ISC 01 08:05:50.3, 2.7, 43.65N, 0.09, 82.9E, 0.1, h1km, 15km, n10, s=123/17, 5C-4D, Northern Xinjiang

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, ISC. Includes stations like DJR JarKent, PDGK Podgornoye, SHLS Shalkode, etc.

MS3.5/13, Error ellipse: s-maj=16.7km s-min=8.8km az=173.2

NEIC 01 08:11:05.0, 0.4, 8.25N, 39.49W, h10km, mb4.7/16, Error ellipse: s-maj=12.8km s-min=6.8km az=173.0

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, ISC. Includes stations like SACV Santiago Islan, PTGA Pitinga, SJG San Ignacio, etc.

WALA Waterton Lakes 7.95 262 ePn Pn 08 28 17d +0.2

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, ISC. Includes stations like BOZ Bozeman (W), LWKY Lake, YNR Norris Junction, etc.

ISCJB 01 08:06:59.7, 0.3, 59.88N, 0.03, 152.38W, 0.06, h97km, 3km, mb3.0/7, Error ellipse: s-maj=5.3km s-min=4.1km az=23.0

ISC 01 08:06:59.9, 1.8, 59.91N, 152.75W, h17km, 23km, mb3.5/7, mb1.3/5/11, mb1mx3.2/8.5, mbtmp3.7/11, Error ellipse: s-maj=23.3km s-min=15.1km az=104.0

NEIC 01 08:07:01.8, 0.0, 59.89N, 152.46W, h84km, ML2.9(AEIC), After AEIC.

ISC 01 08:07:01.1, 0.8, 59.88N, 0.03, 152.40W, 0.04, h90km, 6km, n69, s=087/80, mb3.77, Southern Alaska

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, ISC. Includes stations like ILS Iliamna Low So, HOM Homer, RED Redoubt Volcan, etc.

MS3.5/13, Error ellipse: s-maj=16.7km s-min=8.8km az=173.2

NEIC 01 08:11:05.0, 0.4, 8.25N, 39.49W, h10km, mb4.7/16, Error ellipse: s-maj=12.8km s-min=6.8km az=173.0

ISC 01 08:11:06.1, 0.6, 8.3N, 0.1, 39.5W, 0.1, h14km, m51, s=0597/38, mb4.4/25, MS3.5/13, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, ISC. Includes stations like SACV Santiago Islan, PTGA Pitinga, SJG San Ignacio, etc.

MAN 01 08:42:53, 11.78N, 125.75E, h9km, mb4.2, ML3.0, MS2.8, 1C-1D, Samar

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, ISC. Includes stations like BESP Borongan, PLP Palo, CNP Cattan, etc.

ISC 01 09:02:27.5, 2.7, 19.48S, 171.42W, h0km, mb3.8/3, mb1.4/0.4, mb1mx3.6/5.2, mbtmp3.8/4, ML3.3/1, Error ellipse: s-maj=84.6km s-min=31.5km az=131.0, Tonga Islands region

NEIC 01 09:03:11.7, 0.5, 56.77S, 25.70W, h35km, mb4.4/2, Error ellipse: s-maj=16.5km s-min=11.7km az=229.0

ISC 01 09:03:10.7, 0.7, 56.8S, 0.1, 25.6W, 0.1, h24km, n23, s=119/21, mb4.4/9, South Sandwich Islands region

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, ISC. Includes stations like HOPE Hope Point, SNAE Sanae, PMSA Palmer Station, etc.

ISC 01 08:11:03.0, 0.7, 8.36N, 39.58W, h0km, mb4.1/14, mb1.4/2/14, mb1mx3.9/60, mbtmp4.1/14, MS3.5/13, Ms1.3/5/13, ms1mx3.2/64, Error ellipse: s-maj=25.5km s-min=15.9km az=161.0

ISCJB 01 08:11:04.0, 0.5, 8.2N, 0.1, 39.49W, 0.06, h14km, mb4.3/25,

ISC 01 08:26:28.0, 0.4, 50.76N, 0.04, 101.82W, 0.04, h10km, mb1.0/36, Error ellipse: s-maj=6.5km s-min=3.6km az=170.1

NEIC 01 08:26:31.6, 0.0, 50.80N, 101.81W, h1km, mb4.1/3, MN3.7(OTT), After OTT.

NEIC Proposed induced event [OTT]. Felt at Esterhazy, Saskatchewan.

ISC 01 08:26:32.6, 0.6, 50.65N, 101.85W, h0km, mb3.4/6, mb1.3/8/14, mb1mx3.6/79, mbtmp3.6/14, ML4.0/7, Error ellipse: s-maj=9.8km s-min=5.9km az=173.0

ISC 01 08:26:31.4, 0.6, 50.76N, 0.05, 101.88W, 0.04, h10km, n66, s=122/176, mb3.5/6, Manitoba

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, ISC. Includes stations like DGMT Dagmar, MDMD Maddock, ULM Ullin, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Includes stations like BASK, BASK_VAN, EKAR, KARACOBAN, etc.

IDC 01 10:47:02.2.2.2, 3.02S, 129.09E, h0km, mb3.5/3, mb1 3.6/4, mb1mx3.4/49, mbtmp3.5/4, ML3.1/1, Error ellipse: s-maj=189.6km s-min=24.4km az=69.0

ISCJB 01 10:47:04.6.0.7, 2.89S, 0.07, 129.09E, h28km, mb3.5/3, Error ellipse: s-maj=11.0km s-min=7.5km az=146.0

DJA 01 10:47:06.4.1.6, 3.9S, 9.13E, h29km, 20km, M3.3/6, MLV3.3/6

ISC 01 10:47:05.2.0.9, 2.88S, 0.08, 129.51E, h0.06, h28km, n10, e151/11, mb3.6/3, Seram

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Includes stations like MSAI, MASOHI, NLAJ, NAMLEA, etc.

ISCJB 01 10:49:32.9.0.9, 3.4S, 96S, 0.06, 71.2W, 0.1, h111km, 10km, Error ellipse: s-maj=16.3km s-min=5.1km az=30.6

GUC 01 10:49:34.0.6.3, 3.4S, 96S, 71.17W, h105km, 4km, ML3.5

SJA 01 10:49:41.6.0.6, 3.4S, 96S, 70.71W, h148km, 16km, ML4.9, MW3.4

ISC 01 10:49:31.5.1.8, 34.93S, 0.06, 71.17W, 0.09, h129km, 16km, n17, e213/13, 5C-2D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Includes stations like GO05, HUALAEO, CHPI, PICHILEMU, etc.

WEL 01 11:40:43.6.39S, 14.176E, h5km, ML3.9/18, North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Includes stations like ALRZ, ALLEN ROAD, WPRZ, WHAKAPAPATARIN, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Includes stations like TWVZ, TAUREWA, TUKINO, CHATEAU OBSERV, etc.

IDC 01 11:57:09.0.0.9, 29.64S, 176.01W, h0km, mb4.0/5, mb1 4.3/7, mb1mx4.0/37, mbtmp4.1/7, ML3.7/2, MS3.4/2, Ms1 3.4/2, ms1mx2.8/40, Error ellipse: s-maj=28.9km s-min=19.3km az=158.0

ISCJB 01 11:57:10.8.1.0, 29.78S, 0.07, 175.94W, 0.10, h28km, mb4.0/5, MS3.1/1, Error ellipse: s-maj=12.2km s-min=10.6km az=5.1

ISC 01 11:57:13.0.0.9, 29.79S, 0.1, 176.0W, 0.1, h28km, n16, e150/16, mb4.0/5, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Includes stations like RAO, RAOUL ISLAND, URZ, UREWERA, etc.

IDC 01 11:27:39.0.5.3, 49.94S, 118.94E, h0km, mb3.5/2, mb1 3.8/2, mb1mx3.5/42, mbtmp3.5/2, MS3.7/3, Ms1 3.7/3, ms1mx3.3/18, Error ellipse: s-maj=539.8km s-min=66.1km az=111.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Includes stations like H01W2, CAPE LEEUWEN H, H01W1, CAPE LEEUWEN H, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Includes stations like MAN 01 11:28:07, 11.62N, 125.43E, h22km, mb3.7, ML2.5, MS2.0, 1C, Samar

IDC 01 11:28:32.2.0.4, 9.39S, 119.04E, h0km, mb4.0/3, mb1 4.4/4, mb1mx3.9/43, mbtmp4.4/4, ML2.4/1, MS3.4/2, Ms1 3.4/2, ms1mx3.1/21, Error ellipse: s-maj=61.2km s-min=45.2km az=88.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Includes stations like H01W2, CAPE LEEUWEN H, H01W1, CAPE LEEUWEN H, etc.

IDC 01 11:34:12.1.1.4, 6.02S, 175.15W, h0km, mb3.7/1, mb1 4.1/2, mb1mx3.7/30, mbtmp4.1/2, ML4.2/1, MS3.0/1, Ms1 3.0/1, ms1mx2.6/20, Error ellipse: s-maj=57.5km s-min=35.9km az=45.0, East of South Sandwich Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Includes stations like SNA, SANAE, SNA, SANAE, etc.

IDC 01 11:37:17.2.1.1, 3.04N, 67.29E, h0km, mb3.7/12, mb1 3.9/14, mb1mx3.7/72, mbtmp3.7/14, ML3.9/12, MS3.3/2, Ms1 3.3/2, ms1mx2.5/68, Error ellipse: s-maj=30.1km s-min=19.6km az=125.0

ISCJB 01 11:37:20.3.0.8, 3.04N, 0.1, 67.2E, 0.2, h33km, mb3.7/11, MS3.4/2, Error ellipse: s-maj=24.0km s-min=12.6km az=35.6

ISC 01 11:37:22.0.0.9, 30.5N, 0.1, 67.2E, 0.2, h35km, n16, e156/16, mb3.8/1, Pakistan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Includes stations like WSAR, WADI SARIN, AAK, ALA-ARCHE, etc.

IDC 01 11:42:21.0.1.9, 15.11S, 173.57W, h0km, mb3.7/6, mb1 4.1/6, mb1mx3.9/45, mbtmp3.7/6, MS3.7/0, Ms1 3.7/0, ms1mx3.4/42, Error ellipse: s-maj=152.3km s-min=22.0km az=151.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Includes stations like AFI, AFIAMUALU, AFI, AFIAMUALU, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BOOM Boomskeye usch, BMNS Besmoyak, ULHL Ulahol, etc.

ISK 01 12:39:14.8, 38:71'N:40:76'E, h10km, MD2.6/2
ISCJB 01 12:39:15.7, 1.2, 38:68'N:07:40:79E, 0.05, h9km, 6km,
Error ellipse: s-maj=13.0km s-min=5.0km az=161.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HANI Diyarbakir_Han, BTM Batman, GYRO Guroymak-BITLI, etc.

MAN 01 12:39:29, 11:61'N:125:45E, h24km, mb4.1, ML2.9, MS2.7,
1C, Samar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BESP Borongan, PLP Palo, MSLP Maasin, etc.

ISC 01 12:46:18.1, 1.3, 0:72S:134:07'E, h0km, mb3.6/5,
mb1.3, 9.7, mb1mx3.6/5, mbtmp3.7/7, ML3.8/2, MS3.0/1,
Ms1.3, 3.1, ms1mx2.5/4.3, Error ellipse: s-maj=47.4km

ISCJB 01 12:46:19.0, 0.6, 0:76S:0:07:134:11'E, 0.05, h27km,
mb3.6/5, MS3.0/1, Error ellipse: s-maj=9.4km s-min=7.7km
az=178.3

DJA 01 12:46:20.6, 0.8, 1'S:5:13'4E", h25km, 4km, M4.1/5,
MLv4.1/5

NEIC 01 12:46:22.8, 0.7, 0:78S:134:13'E, h35km, mb4.4/2, Error
ellipse: s-maj=15.7km s-min=11.0km az=77.0

ISC 01 12:46:21.5, 0.8, 0:78S:0:07:134:05'E, 0.06, h27km, n15,
e285/20, mb3.8/5, Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RKPI Ransiki, FAKI Fak Fak, SWI Sorong, etc.

ISC 01 12:47:15.9, 552.0, 47:86'N:47:73'E, h0km, Error ellipse:
s-maj=196.9km s-min=138.3km az=50.0

Ukraine-Moldova-Southwestern Russia region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like I31KZ AKTYUBINSK INF, I43RU DUBNA INFRASON, etc.

ISCJB 01 13:48:21.1, 0.4, 39:25'N:0:03:139:80'E, 0:04, h27km, 3km,
mb3.4/3, Error ellipse: s-maj=5.4km s-min=3.7km
az=137.0

JMA 01 13:48:21.4, 39:23'N:139:81'E, h22km, 1km, M3.5
Broadband fault plane solution: P waves. NP1:
phi=201.00000, delta=1.00000, psi=101.00000. NP2: phi=4.00000,
delta=1.00000, psi=77.00000. Principal axes: T P1g80.00000,
Az=164.00000, N P1g9.00000, Az=14.00000; P
P1g5.00000, Az=283.00000;

JMA Felt II J1,
IDC 01 13:48:24.2, 2.0, 39:19'N:139:83'E, h45km, 25km, mb3.1/3,
mb1.3, 5.7, mb1mx3.1/68, mbtmp3.4/7, ML2.9/4 Error
ellipse: s-maj=31.3km s-min=13.8km az=104.0

ISC 01 13:48:21.4, 0.9, 39:21'N:0:03:139:87'E, 0:03, h17km, 6km,
n19, e89/33, mb3.4/3, 3C-6D, Near west coast of
eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JTB Tobi-shima, JYU Yuwa, JYK Kaneyama, etc.

JMA 01 13:58:19.8, 0.2, 23:96'N:122:40'E, h19km, 4km, M2.2
ISCJB 01 13:58:20.3, 0.5, 23:97'N:0:03:122:40'E, 0:02, h28km, 5km,
Error ellipse: s-maj=5.3km s-min=2.9km az=157.8

TAP 01 13:58:20.6, 24:02'N:122:43'E, h46km, 1km, ML2.6, C
ISC 01 13:58:20.0, 1.1, 23:99'N:0:04:122:42'E, 0:02, h28km, 12km,
n26, e054/50, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JYNG Yonagunijimaku, YOJ Yonaguni jima, etc.

WHF 01 14:12:27.6, 0.3, 36:03'N:141:91'E, h45km, M3.1
ISC 01 14:12:27.4, 1.2, 35:98'N:0:08:141:94'E, 0:08, h23km, n12,
e195/17, mb3.5/5, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHQJ Chosi, JHO Hitachi, JYT Yasato, etc.

ISC 01 14:03:50.1, 555.0, 47:87'N:48:14'E, h0km, Error ellipse:
s-maj=199.5km s-min=137.8km az=49.0, Western

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like I31KZ AKTYUBINSK INF, I43RU DUBNA INFRASON, etc.

ISCJB 01 14:09:25.6, 0.7, 39:19'N:0:04:142:24'E, 0:08, h55km, 5km,
mb3.6/12, Error ellipse: s-maj=10.9km s-min=5.0km
az=19.7

JMA 01 14:09:26.5, 39:20'N:142:20'E, h49km, 1km, M4.0
JMA Felt II J1,
IDC 01 14:09:29.2, 2.4, 39:10'N:142:19'E, h78km, 22km, mb3.3/12,
mb1.3, 4.16, mb1mx3.3/73, mbtmp3.6/16, Error ellipse:
s-maj=21.6km s-min=15.6km az=106.0

ISC 01 14:09:26.7, 1.3, 39:19'N:0:05:142:24'E, 0:09, h46km, 11km,
n34, e196/41, mb3.6/12, Near east coast of eastern

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OFUJ Ofunato, MIYJ Miyakonagasawa, etc.

ISC 01 14:12:24.6, 1.9, 35:95'N:141:92'E, h0km, mb3.5/5,
mb1.3, 6.7, mb1mx3.4/71, mbtmp3.6/7, ML3.3/2, Error
ellipse: s-maj=41.0km s-min=29.1km az=66.0

ISCJB 01 14:12:25.2, 1.0, 35:94'N:0:07:142:04'E, 0:08, h23km,
mb3.5/5, Error ellipse: s-maj=10.6km s-min=8.1km
az=139.5

JMA 01 14:12:27.6, 0.3, 36:03'N:141:91'E, h45km, M3.1
ISC 01 14:12:27.4, 1.2, 35:98'N:0:08:141:94'E, 0:08, h23km, n12,
e195/17, mb3.5/5, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHQJ Chosi, JHO Hitachi, JYT Yasato, etc.

ISCJB 01 14:16:52.0, 4.7, 67'N:0:05:152:40'E, 0:06, h124km,
mb3.7/7, Error ellipse: s-maj=8.5km s-min=3.7km
az=140.5

SKHL 01 14:16:53.8, 0.1, 47:56'N:152:50'E, h136km, 5km, mb4.5/6,
msh5.26

MOS 01 14:16:54.0, 1.2, 47:73'N:152:23'E, h148km, mb4.0/8, Error
ellipse: s-maj=13.5km s-min=7.7km az=66.3

IDC 01 14:16:56.0, 2.2, 47:75'N:152:14'E, h151km, 21km,
mb3.3/15, mb1.3, 5.19, mb1mx3.3/74, mbtmp3.8/19, MS2.8/1,
Ms1.2, 8.1, ms1mx2.2/27, Error ellipse: s-maj=18.9km
s-min=10.6km az=148.0

ISC 01 14:16:53.5, 0.6, 47:73'N:0:06:152:26'E, 0:06, h124km, n63,
e182/67, mb3.6/17, 2C, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, SKR comp=Z, etc.

1d 16h

Table with columns: SHPR, Sheep Range, 86.16 53 eP, P, 16 09 38.0 +1.1, etc. Lists various locations and their associated data points.

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Table with columns: PV10, Paradox Valley, 89.95 49 eP, P, 16 09 55.8 +0.8, etc. Lists various locations and their associated data points.

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Table with columns: WMOK, Wichita Mount, 98.95 49 P, Pdif, 16 10 35.9 +0.1, etc. Lists various locations and their associated data points.

Table with columns: Code, Station Name, AZ, Phase ID, Time, Res, etc. Lists station codes and names with associated data.

Table with columns: PDAR, Pinedale Array, 65.35 53 P, 17 18 54.1 +0.4, etc. Includes stations like PDAR, Pinedale Array, OBNS, etc.

ISCJB 01 17:09:56.4+0.3, 45.53N-102.1092E, 0.02, h9km, 3km, Error ellipse: s-maj=3.7km s-min=2.3km az=158.5

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

Main table with columns: APPI, Appiano, 0.93 11 Pg, 17 10 16.7 +0.1, etc. Includes stations like KOSI, BRMO, AGOR, etc.

Table with columns: CABC, La Chapelle, 3.55 289 ePn, 17 10 53.9 +1.3, etc. Includes stations like CABC, HINF, ORIF, etc.

MEX 01 17:37:14.1-0.3, 27.87N-112.06W, h75km, 6km, MD3.6, Baja California

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

ISCJB 01 17:51:29.1+0.8, 36.37N-141.73E, 0.07, h42km, 6km, mb3.5/7, Error ellipse: s-maj=8.9km s-min=6.2km az=5.3

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

Table with columns: STKA, PUORN, FDAR, Pinalde Array. Includes station names, coordinates, and times.

TIR 01 21:23.14.2.5, 40.12N:19.80E, h6km, 135km, ML2.2
CSEM 01 21:23.15.7.0, 40.08N:19.77E, h2km, ML2.2, Error ellipse: s-maj=3.2km s-min=1.3km az=27.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Sarande, Kerkira, Saggiada, Igoumitsa.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Kerkira, Saggiada, Igoumitsa.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Janina, Korca, Korca.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Nestorio, Nestorio, Pentaflos, Pentaflos, Tirane, Tirane, Tirane, Tirane.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Florina, Florina, Florina.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Florina, Florina, Florina.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Kruzevo, Kruzevo, Kruzevo.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Klokotos Trika, Klokotos Trika, Klokotos Trika.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Drossia, Drossia, Drossia.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Drossia, Drossia, Drossia.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Drossia, Drossia, Drossia.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Drossia, Drossia, Drossia.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Drossia, Drossia, Drossia.

Table with columns: DGMT, DGMT, HWUT, HWUT, ISCO, ISCO, PV01, PV01, ELK, ELK, IHOCA, IHOCA, ULM, ULM, YKA, YKA, SADO, SADO.

ISCJB 01 21:43.20.0.3, 40.46N:0.03:122.49E:0.04, h10km, mb5.8/18, MS2.9/1, Error ellipse: s-maj=4.5km s-min=3.8km az=143.3

IDC 01 21:43.30.7.0.6, 40.53N:122.61E, h0km, mb3.9/17, mb1.3/9.20, mb1m3x3.8/9.1, mbmtmp3.8/20, ML3.1/3, MS2.9/2, Ms1.3/0.2, ms1mx2.4/6.6, Error ellipse: s-maj=19.6km s-min=12.0km az=36.0

NEIC 01 21:43.32.6.0.5, 40.46N:122.47E, h10km, mb4.3/1, Error ellipse: s-maj=12.9km s-min=9.0km az=28.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Shenyang, Dalian, Dalian.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Dalian, Dalian, Dalian.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Beijing, Beijing, Beijing.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Beijing, Beijing, Beijing.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Beijing, Beijing, Beijing.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Beijing, Beijing, Beijing.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Beijing, Beijing, Beijing.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Beijing, Beijing, Beijing.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Beijing, Beijing, Beijing.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Beijing, Beijing, Beijing.

ISCJB 01 21:43.45.0.0.3, 31.41S:0.05:111.49W:0.05, h10km, mb5.1/15.5km az=33.7

Error ellipse: s-maj=6.6km s-min=5.8km az=78.0
GCMT 01 21:43.46.5.0.1, 31.61S:111.74W, h12km, MW5.3/126, Moment Tensor Solution, s97:c157; s126:c227;

Duration: 1s1 Moment tensor: Scale 10^17Nm; Mm-0.02±.01; Mbb-1.00±.01; Mss-0.31±.04; Mss-0.46±.01; Mss-0.22±.04; Best double couple: Mo1.17100±10^17 NP1.32.00000±; s84.00000±; λ-17.00000±. NP2.124.00000±; s73.00000±; λ-17.00000±. Principal axes: T 1.1390, Pigs.0000±; Azm79.0000±; N 0.0690, Pig72.0000±, Azm193.0000±; P -1.2040, Pig17.0000±, Azm347.0000±; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

BUJ 01 21:43.47.9.31:50S:111.50W, h10km, mb5.3/21, Ms5.4/20, Ms7.5/120

ISC 01 21:43.47.2.0.3, 31.52S:0.07:111.36W:0.07, h10km, n781, s124/772, mb5.2/140, MS4.9/37, 18C-8D, Easter Island region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RPN, RPN, RPN.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RPN, RPN, RPN.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RPN, RPN, RPN.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RPN, RPN, RPN.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RPN, RPN, RPN.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RPN, RPN, RPN.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RPN, RPN, RPN.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RPN, RPN, RPN.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RPN, RPN, RPN.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RPN, RPN, RPN.

ISCJB 01 21:43.45.0.0.3, 31.41S:0.05:111.49W:0.05, h10km, mb5.1/15.5km az=33.7

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VNDA	LR	LR	22 14 07.3
KVTV	comp-Z,1.1m,18.6s,baz=74,slow=31		
RPZ	Kingsville 60.12 14 eP	P	21 53 56.4 +1.6
833A	Rata Peaks 60.57 23 LR	LR	22 13 46.0
	comp-Z,5.6nm,20.3s,baz=83,slow=30		
TXAR	Chaparral WMA, 60.59 12 P	P	21 53 57.5 -0.5
	baz=192		
TXAR	Lajitas Array 60.96 8 P	P	21 54 00.1 -0.5
	comp-Z,1.8nm,0.9s,baz=186,slow=7.4,SNR=14		
TXAR	PKM 22 15 24.6		
	comp-Z,2.68nm,21.5s,baz=0,slow=31		
TXAR	PKP2ab 22 23 35.1		
	comp-Z,0.9nm,1.1s,baz=28,slow=3.0,SNR=4.1		
TX31	Lajitas Ar Si 60.96 8 eP	P	21 54 00.1 -0.5
PCRV	Puerto La Cruz 60.98 55 LR	LR	22 17 10.7
319A	Douglas 62.58 2 eP	P	21 54 11.7 +0.1
JCT	Junction City 62.63 11 eP	P	21 54 11.0 -0.7
JCT	Junction City 62.63 11 eP	P	21 54 11.1 -0.7
JCT	comp-Z,4.5nm,1.1s		
JCT	Junction City 62.63 11 eP	P	21 54 11.1 -0.7
	comp-Z,4.5nm,1.1s		
MNTX	Cornudas Mount 63.13 6 P	P	21 54 13.0 -2.0
	baz=186,SNR=14		
MNTX	Cornudas Mount 63.13 6 eP	P	21 54 14.0 -1.1
	comp-Z,1.7nm,1.2s		
214A	Organ Pipe Nat 63.15 359 P	P	21 54 14.3 -0.8
	baz=179,SNR=6.0		
214A	Organ Pipe Nat 63.15 359 eP	P	21 54 14.7 -0.5
	comp-Z,7.9nm,1.2s		
435B	Jarrell 63.33 13 P	P	21 54 16.1 -0.3
	baz=193		
TUC	Tucson 63.49 1 P	P	21 54 17.0 -0.5
	baz=181		
TUC	Tucson 63.49 1 eP	P	21 54 17.0 -0.5
	comp-Z,2.1nm,1.3s		
TUC	Tucson 63.49 1 eP	P	21 54 17.0 -0.5
	comp-Z,2.1nm,1.3s		
541A	Lake Charles 63.63 18 P	P	21 54 17.9 -0.4
	baz=197		
121A	Cookes Peak, D 63.80 3 P	P	21 54 19.4 -0.3
	baz=184		
121A	Cookes Peak, D 63.80 3 eP	P	21 54 19.0 -0.6
	comp-Z,8.1nm,1.9s		
542A	Morse 63.86 18 P	P	21 54 19.9 +0.1
	baz=198		
IKP	In-Ko-Pah, Jac 63.98 356 P	P	21 54 20.0 -0.8
	baz=176		
BAR	Barrett 64.05 355 eP	P	21 54 21.5 +0.4
	comp-Z,9.2nm,1.6s		
MONPZ	Monument Peak 64.24 355 P	P	21 54 21.4 -1.2
	baz=175		
109C	Camp Elliot, M 64.29 355 P	P	21 54 21.0 -1.7
	baz=175		
GLA	Glamis 64.31 357 P	P	21 54 21.9 -0.9
	baz=193		
WHTX	Lake Whitney, 64.52 13 P	P	21 54 23.1 -1.1
	baz=193		
WHTX	Lake Whitney, 64.52 13 eP	P	21 54 23.4 -0.8
	comp-Z,3.9nm,1.3s		
ABTX	Abilene, Hawle 64.75 11 P	P	21 54 24.6 -1.1
	baz=191		
ABTX	Abilene, Hawle 64.75 11 eP	P	21 54 24.7 -1.0
	comp-Z,3.9nm,1.4s		
341A	Kurthwood 64.84 17 P	P	21 54 25.9 -0.4
	baz=197		
NATX	Nacogdoches 64.89 16 P	P	21 54 26.3 -0.3
	baz=196		
NATX	Nacogdoches 64.89 16 eP	P	21 54 27.1 +0.5
	comp-Z,1.07nm,1.4s		
CIS	Catalina Islan 64.92 353 P	P	21 54 25.5 -1.3
	baz=174		
BC3	Big Chuckwall 64.94 356 P	P	21 54 26.3 -0.8
	baz=176		
XPFO	Pison Flat 64.96 355 eP	P	21 54 27.8 +0.6
	comp-Z,3.9nm,1.5s		
PFO	Pinyon Flats O 64.96 355 P	P	21 54 26.1 -1.1
	baz=175		
PFO	Pinyon Flats O 64.96 355 eP	P	21 54 27.8 +0.6
	comp-Z,3.6nm,1.5s		
PFO	Pinyon Flats O 64.96 355 eP	P	21 54 27.8 +0.6
	comp-Z,3.9nm,1.5s		
Y12C	Blythe 64.99 357 P	P	21 54 26.3 -0.9
	baz=177		
Y12C	Blythe 64.99 357 eP	P	21 54 27.9 +0.7
	comp-Z,3.2nm,1.3s		
MURC	Murrieta 65.00 355 P	P	21 54 26.3 -1.1
	baz=175		
342A	Flagon Creek P 65.10 18 P	P	21 54 26.9 -1.0
	baz=198		
Y14A	Wickenburg 65.13 358 eP	P	21 54 28.1 -0.1
	comp-Z,2.16nm,1.6s		
BELC	Belle Mtn. Jos 65.22 356 P	P	21 54 28.9 -0.6
	baz=176		
240A	Hunter Patters 65.37 16 P	P	21 54 29.2 -0.5
	baz=197		
Y22D	IRIS PASSCAL I 65.38 4 P	P	21 54 29.3 -0.6
	baz=184		
Y22E	IRIS PASSCAL I 65.38 4 P	P	21 54 29.4 -0.5
	baz=184		
446A	Poplarville 65.39 21 P	P	21 54 28.7 -1.1
	baz=201		
IRM	Iron Mountain 65.42 357 P	P	21 54 29.2 -0.9
	baz=177,SNR=9.5		
BNM	Barren Site 65.47 4 eP	P	21 54 30.4 -0.2
PDMCI	Parker Dam,Lak 65.53 357 P	P	21 54 29.9 -0.8
	baz=178		
241A	Mo Tay, Goldon 65.56 17 P	P	21 54 30.7 -0.2
	baz=199		
344A	Westbrook Farm 65.61 19 P	P	21 54 31.4 +0.1
	baz=199		
LPM	Los Pinos Moun 65.63 4 eP	P	21 54 31.4 -0.2
BBRC	Big Bear Solar 65.64 358 P	P	21 54 30.8 -0.9
	baz=175		
MSTX	Muleshoe 65.64 8 P	P	21 54 30.2 -1.4
	baz=188		
MSTX	Muleshoe 65.64 8 eP	P	21 54 30.6 -1.0
	comp-Z,2.9nm,1.0s		
345A	Thompson Farm, 65.67 20 P	P	21 54 30.9 -0.8
	baz=200		
BFSC	Mount Baldy Ra 65.68 354 P	P	21 54 30.7 -1.1
	baz=174		
BLG	Laguna Peak, P 65.68 353 P	P	21 54 30.8 -1.0
	baz=173		
LAZ	Ladron 65.69 4 eP	P	21 54 32.1 +0.1
DECC	Green Verdugo 65.75 354 P	P	21 54 31.4 -0.8
	baz=174		
242A	Grayson 65.80 18 P	P	21 54 32.1 -0.3
	baz=198		
243A	Waterproof 65.81 18 P	P	21 54 32.5 0.0
	baz=199		
346A	Big Creek Wild 65.92 20 P	P	21 54 33.2 0.0
	baz=200		
SNA4	Sanae 65.94 161 P	P	21 54 32.4 -0.7
	comp-Z,2.6nm,0.9s,baz=262,slow=4.0,SNR=18		
SNA4	comp-Z,3.73nm,20.6s,baz=301,slow=32	LR	22 18 56.9
SNA4	Sanae 65.94 161 P	P	21 54 32.7 -0.4
SNA4	Sanae 65.94 161 eP	P	21 54 31.1 -2.0
	comp-Z,4.3nm,1.0s		
140A	Cain and Jess, 65.99 16 P	P	21 54 33.5 -0.2
	baz=197		
NEE2	Needles Airpor 66.01 357 P	P	21 54 33.4 -0.4
	baz=177		
MGR	Granite Mounta 66.08 356 P	P	21 54 33.5 -0.9
	baz=176,SNR=11		
414C	Papa Simpson, 66.12 17 P	P	21 54 33.9 -0.6
	baz=197		
HEC	Hector,Ludlow 66.16 356 P	P	21 54 34.3 -0.6
	baz=175		
244A	Avery, Jackson 66.18 19 P	P	21 54 34.4 -0.5
	baz=199		
ANMO	Albuquerque 66.27 4 P	P	21 54 34.5 -1.3
	baz=185		
ANMO	Albuquerque 66.27 4 eP	P	21 54 34.7 -1.0
	comp-Z,2.0nm,2.3s		
ANMO	Albuquerque 66.27 4 eP	P	21 54 35.4 -0.4
	comp-Z,1.0nm,1.3s		
W18A	Petrified Fore 66.30 1 P	P	21 54 34.3 -1.6
	baz=182		
142A	Monroe 66.31 18 P	P	21 54 35.5 -0.3
	baz=198		

EDW2	Edwards Air Fo 66.34 354 P	P	21 54 34.9 -1.1
	baz=174		
VBMS	Vicksburg 66.39 19 P	P	21 54 36.4 +0.1
	baz=199		
245A	Little A, Sta 66.39 20 P	P	21 54 36.4 +0.1
	baz=200		
348A	Jackson 66.42 22 P	P	21 54 36.3 -0.2
	baz=202		
BRAL	Brewton 66.47 23 P	P	21 54 36.9 +0.1
	baz=200		
PKM	Mpchspon Peak 66.53 352 P	P	21 54 36.6 -0.8
	baz=172		
349A	Repton 66.59 22 P	P	21 54 37.2 -0.4
	Lajitas 66.59 22 P	P	21 54 37.4 -0.3
246A	Jackson Lee, B 66.60 20 P	P	21 54 37.4 -0.3
	baz=201		
143A	Socs Landing, 66.60 18 P	P	21 54 37.4 -0.2
	baz=199		
Y36A	Durant 66.60 14 P	P	21 54 37.0 -0.6
	baz=194		
Z40A	Long Farm, Mag 66.62 16 P	P	21 54 37.8 +0.1
	baz=197		
ARVC	Arvin 66.67 353 P	P	21 54 37.1 -0.9
	baz=173		
GSC	Goldstone, Bar 66.67 355 P	P	21 54 37.4 -0.7
	baz=175		
GSC	Goldstone, Bar 66.67 355 eP	P	21 54 38.3 +0.2
	comp-Z,5.5nm,1.3s		
GSC	Goldstone, Bar 66.67 355 eP	P	21 54 38.3 +0.2
	comp-Z,5.5nm,1.3s		
AMTX	Amarillo 66.68 9 P	P	21 54 37.2 -1.0
	baz=189		
AMTX	Amarillo 66.68 9 eP	P	21 54 37.9 -0.3
	comp-Z,6.5nm,1.8s		
WUAZ	Wupatki 66.68 360 P	P	21 54 37.8 -0.5
	baz=180		
WUAZ	Wupatki 66.68 360 eP	P	21 54 38.1 -0.2
	comp-Z,3.3nm,1.3s		
TUQ	Turquoise Moun 66.74 356 P	P	21 54 38.3 -0.4
	baz=176		
21A	Richland Creek 66.77 17 P	P	21 54 38.5 -0.2
	baz=197		
247A	Quitman 66.79 21 P	P	21 54 38.5 -0.4
	baz=201		
144A	Alexander Plac 66.80 19 P	P	21 54 38.9 0.0
	baz=199		
LRMC	Laurel Mtn Rad 66.91 354 P	P	21 54 39.3 -0.4
	baz=174		
145A	Hotton Renfro 66.92 20 P	P	21 54 39.6 0.0
	baz=200		
350A	Dozier 66.94 23 P	P	21 54 39.5 -0.3
	baz=203		
X35A	Drake 66.95 13 P	P	21 54 39.0 -0.9
	baz=193		
Z42A	Norrel Spur, H 67.00 18 P	P	21 54 39.7 -0.4
	baz=198		
Z43A	Armstrong Fami 67.13 18 P	P	21 54 40.4 -0.5
	baz=198		
ISA	Isabella, Lake 67.16 354 P	P	21 54 40.5 -0.7
	baz=174		
ISA	Isabella, Lake 67.16 354 eP	P	21 54 40.2 -1.0
	comp-Z,1.7nm,1.2s		
ISA	Isabella, Lake 67.16 354 eP	P	21 54 40.2 -1.0
	comp-Z,1.7nm,1.2s		
249A	Camden 67.19 22 P	P	21 54 40.7 -0.7
	baz=202		
146A	Union 67.20 20 P	P	21 54 40.6 -0.8
	baz=201		
SHOC	Shoshone, Teco 67.22 356 P	P	21 54 40.9 -1.0
	baz=176		
X36A	Centahoma 67.24 13 P	P	21 54 40.6 -1.0
	baz=194		
Y40A	Okolona 67.37 16 P	P	21 54 41.5 -0.9
	baz=197		
VES	Vestal, Richgr 67.40 353 P	P	21 54 41.6 -1.0
	baz=199		
Z44A	Pea Ridge, Bel 67.41 19 P	P	21 54 41.9 -0.9
	baz=199		
Y41A	Eglette Beard 67.41 17 P	P	21 54 41.8 -1.0
	baz=197		
PAGB	Antelope Grade 67.42 352 eP	P	21 54 43.2 +0.5
	comp-Z,7.4nm,1.9s		
X37A	Clayton 67.46 14 P	P	21 54 41.6 -1.4
	baz=195		
MPMC	Manual Prospec 67.47 355 P	P	21 54 42.7 -0.7
	baz=174,SNR=12		
250A	Grady 67.47 23 P	P	21 54 42.1 -1.1
	baz=203		
147A	Livingston 67.47 21 P	P	21 54 42.5 -0.6
	baz=201		
Y42A	Garnett, Star 67.58 18 P	P	21 54 42.8 -1.0
	baz=198		
U15A	North Rim 67.60 359 eP	P	21 54 44.2 0.0
	comp-Z,2.4nm,1.1s		
X38A	Whitesboro 67.65 15 P	P	21 54 43.3 -0.9
	baz=195		
X39A	Fountain Ranch 67.66 15 P	P	21 54 43.3 -1.0
	baz=196,SNR=10		
148A	Greensboro 67.67 22 P	P	21 54 43.2 -1.2
	baz=202		
DAC	Darwin (Calif) 67.69 355 eP	P	21 54 44.0 -0.7
	comp-Z,4.1nm,1.5s		
DAC	Darwin (Calif) 67.69 355 eP	P	21 54 44.0 -0.7
	comp-Z,4.1nm,1.5s		
Z45A	Winona 67.71 20 P	P	21 54 43.3 -1.3
	baz=200		
Z46A	Louisville 67.76 20 P	P	21 54 44.0 -0.9
	baz=201		
SHPR	Sheep Range 67.76 357 eP	P	21 54 45.5 +0.3
	comp-Z,4.4nm,1.2s		
MIAR	Mount Ida 67.81 16 P	P	21 54 43.6 -1.7
	baz=196		
MIAR	Mount Ida 67.81 16 eP	P	21 54 43.9 -1.4
	comp-Z,2.0nm,1.3s		
MIAR	Mount Ida 67.81 16 eP	P	21 54 43.9 -1.4
	comp-Z,2.0nm,1.3s		
FURC	Furnace Creek, 67.83 355 P	P	21 54 44.7 -0.6
	baz=175		
251A	Midway 67.87 24 P	P	21 54 44.7 -1.0
	baz=204		
149A	Jones 67.87 22 P	P	21 54 45.1 -0.6
	baz=203		
RCTO	Rector, Farmer 67.87 353 P	P	21 54 44.8 -0.8
	baz=173		
Y43A	Makayia and Ka 67		

T40A	Mansfield	70.55	16	P	P	21 55 01.3	-0.9
SWET	Sewanee	70.56	22	eP	P	21 55 01.8	-0.5
U44B	Burton Farm, H	70.59	19	P	P	21 55 01.2	-1.3
T41A	Mountain View	70.63	17	P	P	21 55 02.0	-0.7
S37A	Fort Scott	70.63	14	P	P	21 55 01.8	-0.9
V47A	Nunnelly	70.63	20	P	P	21 55 01.3	-1.4
P17A	Butcher Ranch,	70.64	1	eP	P	21 55 03.7	+0.8
KSCO	Kaye Shedlock	70.64	7	P	P	21 55 02.1	-0.8
U44A	Portageville	70.65	18	P	P	21 55 01.9	-0.9
AFDM	Forest Hills D	70.68	352	eP	P	21 55 03.2	+0.2
R34A	Isabella, Hill	70.70	12	P	P	21 55 02.2	-0.9
S38A	Stockton	70.70	15	P	P	21 55 02.1	-1.0
PBMO	Poplar Bluff	70.71	18	eP	P	21 55 02.8	-0.4
U45A	Rockin P Farm,	70.76	19	P	P	21 55 02.4	-1.1
V48A	Smith Brothers	70.76	21	P	P	21 55 02.3	-1.2
T42A	Van Buren	70.78	17	P	P	21 55 02.5	-1.1
CBKS	Cedar Bluff	70.81	10	P	P	21 55 02.6	-1.2
WVT	Waverly	70.82	20	P	P	21 55 02.4	-1.5
S39A	Bolivar	70.88	15	P	P	21 55 03.3	-0.9
R35A	Emporia Municipi	70.91	13	P	P	21 55 03.7	-0.7
HODGE	Hodges	70.92	25	eP	P	21 55 04.6	+0.1
U46A	Springville	70.93	20	P	P	21 55 03.4	-1.1
S40A	Lebanon	70.98	16	P	P	21 55 04.2	-0.7
T43A	Greenville	71.04	18	P	P	21 55 03.9	-1.2
R36A	Gordon, Harris	71.04	13	P	P	21 55 04.4	-0.7
NLU	North Lily Min	71.12	359	eP	P	21 55 05.8	0.0
S41A	Jilco Farms,	71.15	16	P	P	21 55 04.8	-1.1
ISCO	Idaho Springs	71.16	5	P	P	21 55 05.2	-1.1
ISCO	Idaho Springs	71.16	5	eP	Pmax	21 55 06.8	+0.5
ISCO	Idaho Springs	71.16	5	eP	Pmax	21 55 06.8	+0.5
R37A	Teagarden Farm	71.16	14	P	P	21 55 05.1	-0.8
MPU	Maple Canyon	71.17	360	eP	P	21 55 07.3	+1.1
T44A	Benton	71.22	18	P	P	21 55 05.3	-1.0
CPCT	Cooper Cave	71.23	23	eP	P	21 55 05.7	-0.7
R38A	Fenwick Farm,	71.23	14	P	P	21 55 05.3	-1.0
PAHR	Pah Rah Range	71.26	353	eP	P	21 55 07.2	+0.6
U47A	Clarksville	71.27	20	P	P	21 55 05.5	-1.1
ORV	Oroville	71.34	352	eP	Pmax	21 55 07.4	+0.4
ORV	Oroville	71.34	352	eP	Pmax	21 55 07.4	+0.4
ORV	Oroville	71.34	352	eP	P	21 55 07.4	+0.4
O20A	White River Ci	71.35	3	P	P	21 55 06.1	-1.2
Q34A	Chapman	71.36	12	P	P	21 55 06.4	-0.7
BG3	Lake Jocassee	71.36	24	eP	P	21 55 07.5	+0.3
DUG	Dugway, Tocoee	71.37	359	P	P	21 55 06.3	-1.0
DUG	Dugway, Tocoee	71.37	359	eP	Pmax	21 55 06.8	-0.5
DUG	Dugway, Tocoee	71.37	359	eP	P	21 55 06.8	-0.5
Q35A	Mercer Eighty,	71.46	13	P	P	21 55 07.0	-0.7
BEKR	Beckworth	71.52	353	eP	P	21 55 09.0	+0.8
R39A	Chumby, Stover	71.54	15	P	P	21 55 07.2	-1.0
S43A	Fulton Ridge,	71.55	18	P	P	21 55 07.1	-1.2
S42A	Caledonia	71.56	17	P	P	21 55 07.3	-1.0
U48A	Cassie Pea, Po	71.56	21	P	P	21 55 07.1	-1.2
KSU1	Kansas State U	71.59	12	P	P	21 55 07.6	-0.9
KSU1	Kansas State U	71.59	12	eP	P	21 55 07.9	-0.6
T46A	Princeton	71.65	20	P	P	21 55 07.9	-1.0
Q36A	Arnold C. Orve	71.67	13	P	P	21 55 08.1	-0.9
TKL	Tuckaleechee C	71.67	23	LR	LR	22 22 30.3	
R40A	Maddies Statio	71.70	16	P	P	21 55 08.1	-1.1
CCM	Cathedral Cave	71.72	17	P	P	21 55 08.2	-1.1
CCM	Cathedral Cave	71.72	17	eP	Pmax	21 55 08.1	-1.1
CCM	Cathedral Cave	71.72	17	eP	P	21 55 08.1	-1.1
JLU	Jordanelle	71.76	360	eP	P	21 55 09.5	-0.2
Q37A	Longview Farm,	71.78	14	P	P	21 55 08.5	-1.1
BMN	Battle Mountai	71.80	355	eP	Pmax	21 55 09.8	-0.1
BMN	Battle Mountai	71.80	355	eP	Pmax	21 55 09.8	-0.1
T47A	Sharon Grove	71.83	20	P	P	21 55 08.7	-1.3
S44A	Carbondale	71.89	18	P	P	21 55 09.4	-0.9
R41A	Rosebud	71.91	16	P	P	21 55 09.1	-1.4
SIUC	Southern Illin	71.92	18	eP	P	21 55 10.2	-0.2
P34A	Walnut Farm, R	71.98	12	P	P	21 55 10.6	-0.2
Q38A	Cooks Store, C	72.04	14	P	P	21 55 10.2	-0.9
R42A	Luebbering	72.04	17	P	P	21 55 10.4	-0.7
S45A	Carrier Mills	72.05	19	P	P	21 55 10.2	-1.1
KMSC	Kings Mountain	72.07	26	P	P	21 55 10.5	-1.0
BGU	Big Grassy Mou	72.10	359	eP	P	21 55 11.0	-0.7
O03D	Paynes Creek	72.11	352	P	P	21 55 11.3	-0.3
P35A	Duane Minner,	72.11	12	P	P	21 55 11.0	-0.6
T48A	Bowling Green	72.16	21	P	P	21 55 11.0	-0.9
N23A	Red Feather La	72.23	4	P	P	21 55 11.8	-0.8
R43A	Red Bud	72.25	18	P	P	21 55 11.7	-0.7
Q39A	Willow Grove F	72.26	15	P	P	21 55 11.4	-1.1
S46A	Don Dixon Farm	72.30	20	P	P	21 55 11.8	-1.0
P36A	Good Intent, A	72.35	13	P	P	21 55 12.2	-0.9

O33A	Hebron	72.37	11	P	P	21 55 12.2	-0.9
Q40A	Laux Farm, Aux	72.41	16	P	P	21 55 12.4	-1.0
DZM	Mont Dzumac	72.43	255	LR	LR	22 18 42.5	
DZM	Mont Dzumac	72.43	255	eS	S	22 04 43.5	+5.1
DZM	Mont Dzumac	72.43	255	eLR	LR	22 17 31.6	
R44A	Waltonville	72.45	18	P	P	21 55 12.8	-0.9
SPUT	South Promonto	72.47	359	eP	P	21 55 14.7	+0.8
WDC	Whiskeytown D	72.48	351	eP	Pmax	21 55 14.2	+0.4
WDC	Whiskeytown D	72.48	351	eP	Pmax	21 55 14.2	+0.4
P37A	Lathrop	72.49	14	P	P	21 55 12.6	-1.3
TZTN	Tazewell	72.55	23	P	P	21 55 13.1	-1.2
Q41A	Truxton	72.57	16	P	P	21 55 13.4	-1.0
OGNE	Ogalla	72.62	7	P	P	21 55 13.5	-1.2
O34A	Beatrice	72.63	12	P	P	21 55 13.8	-0.9
P38A	Dawn	72.69	14	P	P	21 55 13.7	-1.4
Q42A	Golden Eagle	72.70	17	P	P	21 55 14.1	-1.0
R45A	Skylar, Fairri	72.71	19	P	P	21 55 14.0	-1.2
P39B	Salisbury	72.73	15	P	P	21 55 14.0	-1.3
S48A	Wiedeman Farm,	72.77	21	P	P	21 55 14.1	-1.5
O35A	Wheeler	72.85	12	P	P	21 55 14.9	-1.1
R46A	Gibson Southern	72.85	19	P	P	21 55 14.4	-1.6
N02D	Trinity Center	72.89	351	P	P	21 55 14.8	-1.6
O36A	Bolckow	72.89	13	P	P	21 55 14.3	-2.0
P40A	Paris	72.93	16	P	P	21 55 14.7	-1.7
Q43A	New Douglas	72.94	18	P	P	21 55 15.0	-1.6
HVU	Hansel Valley	72.95	359	eP	Pmax	21 55 17.1	+0.4
HVU	Hansel Valley	72.95	359	eP	Pmax	21 55 17.1	+0.4
N33A	J Bar K, Exete	73.04	11	P	P	21 55 16.1	-1.1
Q44A	Meyer Farm, Va	73.08	18	P	P	21 55 16.3	-1.1
O37A	Wolven Farm, M	73.09	14	P	P	21 55 16.2	-1.2
R47A	Derby Knot Far	73.21	20	P	P	21 55 16.7	-1.4
WCI	Wyandotte Cave	73.22	20	P	P	21 55 16.6	-1.6
N34A	Lincoln	73.30	12	P	P	21 55 17.8	-0.8
P41A	Barry, Barry	73.30	16	P	P	21 55 17.8	-0.9
Q45A	Warren Harvey,	73.31	19	P	P	21 55 18.1	-0.6
M02C	Callahan	73.32	351	P	P	21 55 17.7	-1.1
P42A	Winchester	73.39	17	P	P	21 55 18.2	-1.0
N35A	Tabor	73.47	12	P	P	21 55 18.8	-0.8
R48A	Northridge Ran	73.51	21	P	P	21 55 18.8	-1.1
O39A	Kirksville	73.51	15	P	P	21 55 19.0	-0.9
MOD	Modoc Plateau	73.52	353	eP	P	21 55 19.5	-0.6
N36A	Wright Farm, Cla	73.56	13	P	P	21 55 19.6	-0.5
M04C	Macdoel	73.58	352	P	P	21 55 19.5	-0.9
BGNE	Belgrade	73.58	10	P	P	21 55 19.5	-0.9
YBH	Yreka Blue Hor	73.64	351	P	P	21 55 19.3	-1.4
YBH	Yreka Blue Hor	73.64	351	P	LR	22 20 30.9	
N37A	Lee Farm, Mow	73.65	13	P	P	21 55 19.9	-0.8
P43A	Skaggs, Pawnee	73.65	17	P	P	21 55 19.7	-1.0
Q46A	OJHS Indians,	73.65	19	P	P	21 55 19.5	-1.2
P44A	Sand Creek, Wi	73.72	18	P	P	21 55 20.5	-0.6
O41A	Passays Farm,	73.76	16	P	P	21 55 20.6	-0.8
N38A	Joess South For	73.88	14	P	P	21 55 21.1	-0.9
WVOR	Wild Horse Val	73.89	354	eP	Pmax	21 55 21.7	-0.5
WVOR	Wild Horse Val	73.89	354	eP	Pmax	21 55 21.7	-0.5
M33A	Taylor Creek F	73.89	11	P	P	21 55 21.4	-0.7
AHID	Auburn Hatcher	73.92	0	eP	P	21 55 20.2	-2.3
M34A	Aspy Farms, Fr	73.93	11	P	P	21 55 22.0	-0.4
BW06	Boulder Array	73.94	1	P	P	21 55 21.0	-1.7
BW06	Boulder Array	73.94	1	eP	P	21 55 20.8	-1.9
K22A	Casper	73.94	4	P	P	21 55 21.7	-0.9
PD31	Pinedale Array	73.94	1	eP	P	21 55 21.4	-1.3
PDAR	Pinedale Array	73.94	1	P	LR	22 22 17.0	
P45A	Graceland, Par	74.01	19	P	P	21 55 22.0	-0.9
O42A	Bath	74.03	17	P	P	21 55 21.9	-1.0
M35A	Neola	74.05	12	P	P	21 55 22.3	-0.8
N39A	Derby Farms, D	74.12	15	P	P	21 55 22.5	-1.0
L32A	Elgin	74.19	10	P	P	21 55 23.4	-0.5
M36A	Felix, Anita	74.20	13				

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like H36A, H40A, G32A, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like E41A, W41A, F44A, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like XAN, GYA, GYA, etc.

DJA 01 21:59:56.6-0.7,4:3'S:12°3E, h76km,20km, M3.9/7, mB4.6/1, mB4.3/1, MLV3.8/7, Mw(mB)3.8/1, Sulawesi

Table with columns: TTSI, Tana Toraja, 3.47 278, P, Pn, 22 00 47.6 -0.7, etc.

KRNET 01 22:02:03.5:0.1, 39.12Nk72.72E, mb3.3, NNC 01 22:02:06.5:2.9, 39.36Nk72.60E, h0km, mb3.7, mpv3.3, Error ellipse: s-maj=24.6km s-min=10.9km az=165.0

Main table for station data, including columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

NNC 01 22:06:28.5:8.0, 36.37Nk70.70E, h132km, 191km, mb2.8, mpv3.6, 7C-3D, Error ellipse: s-maj=71.1km s-min=64.2km az=82.0, Balleny Islands region

Table for station data, including columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

IDC 01 22:15:46.2:2.3, 61.60Sx153.92E, h0km, mb3.6/3, mb1 4.0/4, mb1mx3.8/32, mbtm3.8/4, ML4.1/1, MS4.1/8, Ms1 4.1/8, ms1mx3.8/29, Error ellipse: s-maj=53.1km s-min=39.6km az=80.0, Balleny Islands region

Table for station data, including columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

Table for station data, including columns: PMSA Palmer Station, 50.80 160, LR, 22 04 09.0, etc.

ISCJB 01 22:16:24.8:0.6, 37.47Nk0.03:27.19E:0.06, h14km, 5km, Error ellipse: s-maj=8.5km s-min=4.0km az=152.7

Table for station data, including columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

IDC 01 22:49:21.4:38.65N-43.23E, h7km, Md2.6, Turkey

Table for station data, including columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

IDC 01 22:53:27.1:4.3, 22.26Sx175.64W, h0km, mb4.3/3, mb1 4.5/3, mb1mx3.9/46, mbtm4.3/3, Error ellipse: s-maj=251.6km s-min=64.0km az=161.0, Tonga Islands region

Table for station data, including columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

IDC 01 22:47:29.6:0.8, 18.42Sx176.24E, h0km, mb4.4/13, mb1 4.6/14, mb1mx4.4/43, mbtm4.4/14, ML4.3/1, MS3.7/16, Ms1 3.7/16, ms1mx3.6/41, Error ellipse: s-maj=28.7km s-min=19.8km az=137.9

NEIC 01 22:47:31.1:0.5, 18.39Sx176.24E, h10km, mb4.6/2, Error ellipse: s-maj=14.7km s-min=11.5km az=138.0

Table for station data, including columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

IDC 01 22:47:31.1:0.5, 18.39Sx176.24E, h10km, mb4.6/2, Error ellipse: s-maj=14.7km s-min=11.5km az=138.0

Main table for station data, including columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

Main table for station data, including columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

DDA 01 22:49:21.4:38.65N-43.23E, h7km, Md2.6, Turkey

Table for station data, including columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

ATH 01 22:59:34.4:41.42Nk20.37E, h18km, 1km, ML3.1/4, Error ellipse: s-maj=2.7km s-min=1.1km az=200.0

SKO 01 22:59:34.8:41.32Nk20.37E, h2km, M2.4, ML3.1, ISCJB 01 22:59:35.7:0.3, 41.34Nk0.01:20.35E:0.02, h6km, 2km, Error ellipse: s-maj=3.0km s-min=1.7km az=138.1

TIR 01 22:59:35.7:1.1, 41.32Nk20.37E, h7km, 918km, ML3.0, PDG 01 22:59:36.1:0.5, 41.36Nk20.37E, h8km, ML3.4/14, Error ellipse: s-maj=0.6km s-min=0.9km az=0.0

BEO 01 22:59:36.6:0.3, 41.32Nk20.37E, h9km, 2km, M3.0/1, THE 01 22:59:36.2:1.1, 41.33Nk20.37E, h3km, 1km, ML2.8/4, Error ellipse: s-maj=2.0km s-min=0.9km az=213.0

CSEM 01 22:59:36.1:0.1, 41.31Nk20.35E, h5km, ML3.5, Error ellipse: s-maj=3.1km s-min=1.8km az=51.0

ISC 01 22:59:36.0:1.0, 41.31Nk0.02:20.33E:0.01, h7km, 8km, h177.0:0886/278, 39C-12D, Albania

Main table for station data, including columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

Table with columns: ARHZ, Aropoanui, 2.15 189, P, Pn, 00 10 21.6 +0.2, etc.

Table with columns: ERM, Erimo, 7.87 52, ePn, Pn, 00 32 54.8 -0.2, etc.

Table with columns: CHTO, Chiang Mai, 36.41 249, eP, P, 00 37 32.3 -0.5, etc.

NIED 02 00:31:00.37:30N,134.90E, h380km, Mw4.5 Best double couple: M=6.17000e+15, NP1=286.00000, s39.00000, l8.00000, NP2=190.00000, s85.00000, l127.00000.

ISCJB 02 00:31:02.0:0.2,37.41N,134.71E,0.03, h375km,2km,mb4.2/104, Error ellipse: s-maj=4.8km s-min=3.4km az=165.0

MOS 02 00:31:01.1:1.1,37.41N,134.66E, h369km,mb4.2/48, Error ellipse: s-maj=7.9km s-min=5.7km az=100.1

BUI 02 00:31:01.6:37.37N,134.71E, h389km,mb4.7/52, mb4.5/31

NEIC 02 00:31:02.5:0.3,37.35N,134.70E, h371km,3km,mb4.4/53, Error ellipse: s-maj=6.7km s-min=4.2km az=159.0

JMA 02 00:31:02.0:0.2,37.35N,134.89E, h387km,3km,MB.2 IDC 02 00:31:03.0:0.5,37.39N,134.70E, h378km,5km,mb3.7/33, mb1.9/38, mb1mx3.8/69, mbtmp4.4/38, Error ellipse: s-maj=8.5km s-min=7.4km az=55.0

ISC 02 00:31:02.1:0.4,37.41N,134.86E,0.04, h373km,3km, h373km-pP,N,267, s160/316, mb4.3/104, 18C-10D, Sea of Japan

Table with columns: HHC, Hu-ho-hao-te, 18.39 288, eP, P, 00 34 50.4 -1.6, etc.

Table with columns: CHTO, Chiang Mai, 36.41 249, eP, P, 00 37 32.3 -0.5, etc.

Table with columns: Code, Station Name, A1, Az, Op, Phase ID, Time, Res, etc.

2d 2h

Table of station data for 2d 2h, including call signs like 2EY, KLMM, and various frequencies and power levels.

2012 FEB

Table of station data for 2012 FEB, including call signs like MOOV, HANS, and various frequencies and power levels.

48

Table of station data for 48, including call signs like X16A, MVCO, and various frequencies and power levels.

DC 02 01:00:39.6, 1.8, 43:80N, 129:05W, h0km, mb3.5/5, m1 3.7/8, mb1mx3.4/7.6, mbtmp3.5/8, ML3.0/3, MS3.4/8, MS1 3.4/8, ms1mx3.0/4.3, Error ellipse: s-maj=4.3, Okm

NEIC 02 01:00:48.5, 1.9, 44:22N, 128:42W, h10km, mb4.0/19, ML3.6/6, s-min=10.7km, az=74.0

ISC 02 01:00:43.1, 0.43, 95:00N, 07:128.84W, 0.10, h15km, n101, 0297/87, mb4.1/9, MS3.3/7, Off coast of Oregon

Table of station data for DC, NEIC, and ISC, including call signs like KEBN, I03D, and various frequencies and power levels.

DC 02 01:03:25.0, 7.6, 2:28S, 137:21E, h0km, mb3.5/3, mb1 3.7/4, mb1mx3.5/5.0, mbtmp3.6/4, ML3.7/1, Error ellipse: s-maj=366.2km s-min=25.8km az=83.0, Irrain Jaya

Table of station data for DC, including call signs like WRA, WWA, and various frequencies and power levels.

JMA 02 01:45:29.5, 35.96N, 137:64E, h10km, M2.7, Eastern Honshu

Table of station data for JMA, including call signs like JGN, JNT, and various frequencies and power levels.

ISK 02 01:54:51.4, 38:58N, 43:55E, h7km, ML2.6/7, ISCB 02 01:54:52.1, 0.6, 38:58N, 04:43:56E, 0.05, h11km, 5km, Error ellipse: s-maj=7.0km s-min=5.8km az=26.0

DDA 02 01:54:52.1, 38:91N, 43:52E, h7km, ML2.6, CSEM 02 01:54:52.0, 0.3, 38:90N, 43:53E, h5km, ML2.6, Error ellipse: s-maj=6.6km s-min=4.7km az=107.0

ISC 02 01:54:52.4, 1.0, 38:88N, 0:03, 43:53E, 0.03, h9km, 8km, n29, 0:562/38, Turkey

Table of station data for ISK, DDA, CSEM, and ISC, including call signs like ERCV, ERVC, and various frequencies and power levels.

DC 02 02:00:46.9, 6.2, 18:65N, 121:54E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.4/6.9, mbtmp3.6/4, Error ellipse: s-maj=171.2km s-min=56.2km az=19.0, Luzon

Table of station data for DC, including call signs like GURU, and various frequencies and power levels.

-1.0660, Plg12.0000, Azm111.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 02 02:48:07.0, 1.0, 5.6, 60.845:153.35E, h10km, mb5.0/21 Error ellipse: s-maj=10.1km s-min=8.0km az=118.0

ISC 02 02:48:08.0, 0.7, 60.805:153.6E, 0.1, h10km, n73, c187/35, mb5.1/18, MS4.3/25, West of Macquarie Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Lists stations like MCQ Macquarie Isla, VNSA Vanda, WHZ Wether Hill, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Lists stations like WMQ Urumqi, WMQ, KSH Kashi, etc.

ISCJB 02 02:54:01.5, 0.3, 1.36S:0.04:28.47E, 0.04, h10km, mb4.4/21, MS3.7/3, Error ellipse: s-maj=6.3km

IDC 02 02:54:02.0, 0.7, 1.33S:28.44E, h0km, mb4.1/14, mb1.4/21, mb1mx3.9/79, mbmp4.1/17, ML4.4/3, MS3.4/6, Ms1.3/4.6, ms1mx3.0/56, Error ellipse: s-maj=17.9km

NEIC 02 02:54:03.2, 0.4, 1.37S:28.58E, h10km, mb4.7/9, Error ellipse: s-maj=10.3km s-min=9.2km az=85.0

ISC 02 02:54:03.5, 0.5, 1.37S:0.06:28.57E, 0.06, h10km, n54, c1541/62, mb4.5/21, MS3.4/3, Zaire

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Lists stations like MBAR Mbarara, NAI Nairobi, KMBO Kilima Mbogo, etc.

ISC 02 03:21:13.4, 0.6, 15.41S:67.18E, h0km, mb4.1/19, mb1.4/21, mb1mx3.0/67, mbmp4.1/19, MS4.0/7, Ms1.4/0.7, ms1mx3.4/88, Error ellipse: s-maj=20.7km

ISCJB 02 03:21:14.0, 0.4, 0.0, 0.4, 15.38S:0.09:67.24E, 0.07, h14km, mb4.3/31, MS4.0/6, Error ellipse: s-maj=12.8km

NEIC 02 03:21:15.1, 0.3, 15.40S:67.21E, h10km, mb4.7/6, Error ellipse: s-maj=11.0km s-min=8.2km az=180.0

ISC 02 03:21:15.6, 0.7, 15.5S:0.12:67.3E, 0.11, h14km, n80, c1504/65, mb4.3/32, MS4.1/6, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Lists stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Lists stations like WMGZ Waionmatatini S, WMGZ Waionmatatini S, HAZ Te Kaha, etc.

IDC 02 03:21:13.4, 0.6, 15.41S:67.18E, h0km, mb4.1/19, mb1.4/21, mb1mx3.0/67, mbmp4.1/19, MS4.0/7, Ms1.4/0.7, ms1mx3.4/88, Error ellipse: s-maj=20.7km

ISCJB 02 03:21:14.0, 0.4, 0.0, 0.4, 15.38S:0.09:67.24E, 0.07, h14km, mb4.3/31, MS4.0/6, Error ellipse: s-maj=12.8km

NEIC 02 03:21:15.1, 0.3, 15.40S:67.21E, h10km, mb4.7/6, Error ellipse: s-maj=11.0km s-min=8.2km az=180.0

ISC 02 03:21:15.6, 0.7, 15.5S:0.12:67.3E, 0.11, h14km, n80, c1504/65, mb4.3/32, MS4.1/6, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Lists stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TOR, TOA1, TAM, SONA0, SONM, etc.

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

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

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

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

ISCJB 02 03:35:35.1, 1.2, 16.55N, 0.06:100.71W, 0.05, h19km, 7km, mb3.7/3, Error ellipse: s-maj=9.6km, s-min=7.2km, az=18.0

ISC 02 03:35:36.0, 1.6, 16.37N, 100.49W, h0km, mb3.7/3, Mb1 3.8/5, mb1mx3.5/5.3, mbtmpt3.4/5, ML2.9/2, MS3.3/1, Ms1 3.3/1, ms1mx2.6/5.5, Error ellipse: s-maj=36.8km, s-min=20.6km, az=35.0

MEX 02 03:35:37.0, 0.8, 16.48N, 100.73W, h16km, 15km, MD4.0, NEIC 02 03:35:37.0, 0.8, 16.48N, 100.73W, h16km, MD4.0 (MEX), After MEX.

ISC 02 03:35:38.1, 1.9, 16.58N, 0.07:100.70W, 0.05, h9km, 10km, mb4.1/3, MS4.1/31, Near coast of Guerrero

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAR, AS31, AS01, etc.

ISCJB 02 03:51:49.9, 0.4, 36.17N, 0.02:53.07E, 0.04, h10km, Error ellipse: s-maj=4.9km, s-min=2.8km, az=151.5

CSEM 02 03:51:50.0, 0.2, 36.11N, 53.07E, h5km, ML3.7, Error ellipse: s-maj=5.5km, s-min=3.8km, az=70.0

THR 02 03:51:50.9, 0.4, 36.00N, 53.15E, h14km, 4km, ML3.7, TE 02 03:51:52.2, 36.04N, 53.17E, h8km, ML3.7

ISC 03:51:51.0, 0.9, 36.08N, 0.03:53.11E, 0.03, h10km, n55, az=130.70, 12C-17D, Northern and central Iran

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

ISCJB 02 03:36:35.1, 0.4, 15.29S, 0.08:67.36E, 0.06, h10km, mb4.4/37, MS4.1/31, Error ellipse: s-maj=11.1km, s-min=9.6km, az=2.1

IDC 02 03:36:35.1, 0.6, 15.27S, 67.30E, h0km, mb4.1/20, mb1 4.3/20, mb1mx4.1/6.9, mbtmpt4.1/20, MS4.1/32, Ms1 4.1/32, ms1mx3.9/6.6, Error ellipse: s-maj=18.9km, s-min=14.2km, az=177.0

GCMT 02 03:36:36.0, 0.2, 15.19S, 67.16E, h18km, MW5.1/93, Moment Tensor Solution, s25, c31, s93, c130; Duration: 0 Moment tensor: Scale 10^16Nm; Mr=4.41±.25; Mw=0.73±.14; Mww=3.68±.17; Mw1.9=3.38±.10; Mw1.2=2.10±.06±.33; Best double couple: M4.726000x10^16 Np1.0=32.00000, s65.00000, A=109.00000. NP2: s=174.00000, s39.00000, A=64.00000. Principal axes: T=4.740, P1g=0.00000, Az=66.00000, V=0.7200000, P1g1=0.00000, Az=66.00000, P=5.0780, P1g2=0.00000, Az=185.00000. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 02 03:36:36.9, 0.3, 15.28S, 67.28E, h10km, mb4.8/12, Error ellipse: s-maj=9.7km, s-min=7.9km, az=4.0

ISC 02 03:36:36.9, 0.5, 15.35S, 0.1:67.29E, 0.10, h10km, n105, az=1520/76, mb4.4/37, MS4.1/31, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H0S1, H0S2, H0S3, etc.

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

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

Y46A	Houston	20.55	1	P	P	04 28 53.4	+2.3
Y47A	UCPARC, Winfie	20.61	4	P	P	04 28 54.1	+2.3
Y42A	Garnett, Star	20.61	354	P	P	04 28 54.1	+2.2
Y43A	Makayla and Ka	20.62	356	P	P	04 28 54.2	+2.2
WLAR	White Oak Lake	20.63	351	eP	Pn	04 28 57.0	+2.0
Y44A	Strider, Charl	20.64	358	P	P	04 28 54.3	+2.1
Y48A	Jasper	20.67	5	P	P	04 28 54.5	+2.0
Y49A	Blount Mountain	20.69	7	P	P	04 28 54.7	+1.9
CCAR	Cane Creek	20.69	354	eP	Pn	04 28 57.2	+1.4
CCAR	comp=Z,44nm,0.7s					04 29 08.4	+2.1
Y41A	Eaglette Beard	20.75	352	P	P	04 28 54.9	+1.5
GOGA	Godfrey	20.78	14	eP	P	04 28 55.6	+1.9
TXAR	Lajitas Array	20.80	323	P	P	04 28 56.0	+1.9
TXAR	comp=Z,6.6nm,0.7s,baz=137,slow=10,SNR=97					04 33 01.6	+1.0
TX31	Lajitas Ar. Om.	20.82	323	eP	P	04 28 56.0	+1.8
TX31	comp=Z,132,slow=1.8,SNR=13					04 33 02.4	+1.7
Y50A	Piedmont	20.81	8	P	P	04 28 55.5	+1.4
Y40A	Okolona	20.98	351	P	P	04 28 57.4	+1.5
X45A	UM Field Stati	21.08	360	P	P	04 28 58.7	+1.7
OXF	Oxford	21.17	360	P	P	04 28 59.3	+1.5
OXF	comp=Z,52nm,0.8s					04 28 60.0	+2.1
X48A	Hartselle	21.21	5	P	P	04 28 59.5	+1.2
X47A	Russeville	21.22	3	P	P	04 28 59.9	+1.5
X43A	Marvell	21.22	357	P	P	04 29 00.1	+1.7
X46A	Booneville	21.23	2	P	P	04 29 00.2	+1.7
RGRS	Roger Stewart	21.28	22	eP	P	04 29 03.1	+4.1
X42A	Stuttgart	21.31	355	P	P	04 29 01.1	+1.7
X41A	Kaden, Bauxite	21.35	350	P	P	04 29 01.8	+2.0
X49A	Woodville	21.35	7	P	P	04 29 01.1	+1.4
X40A	Basin Creek Fa	21.38	352	P	P	04 29 01.0	+0.9
X50A	Fort Payne	21.38	8	P	P	04 29 01.4	+1.2
ABTX	Abilene, Hawle	21.46	336	P	P	04 29 02.4	+1.4
ABTX	comp=Z,2.3nm,0.7s					04 29 01.7	+0.7
NHSC	New Hope	21.47	21	eP	P	04 29 04.3	+3.3
Y36A	Durant	21.50	344	P	P	04 29 02.4	+0.9
MIAR	Mount Ida	21.55	350	P	P	04 29 02.9	+1.0
MIAR	comp=Z,31nm,0.8s					04 29 03.4	+1.5
UALR	University of	21.60	353	eP	P	04 29 04.3	+1.8
X39A	Fountain Ranch	21.60	349	P	P	04 29 05.0	+2.5
W46A	Michie	21.81	2	P	P	04 29 05.8	+1.2
W45A	Hickory Valley	21.81	0	P	P	04 29 06.1	+1.4
HODGE	Hodges	21.86	16	eP	P	04 29 06.6	+1.4
X38A	White Sulphur	21.90	348	P	P	04 29 08.1	+2.4
W48A	Pulaski	21.90	5	P	P	04 29 07.0	+1.3
X37A	Clayton	21.94	347	P	P	04 29 08.0	+2.0
X37A	Clayton	21.94	347	eP	P	04 29 09.4	+3.3
W47A	Westpoint	21.96	4	P	P	04 29 07.6	+1.2
W41B	Gary Mavity, V	21.99	354	P	P	04 29 08.8	+2.2
W42A	Bald Knob	22.02	355	P	P	04 29 08.7	+1.8
X301	Greenbrier Sit	22.07	353	eP	P	04 29 08.9	+1.4
SWET	Sewanee	22.09	7	eP	P	04 29 08.8	+1.1
SLBS	Sierra La Laguna	22.09	301	eP	P	04 29 14.7	+6.8
W40A	Ferguson Farm,	22.11	352	P	P	04 29 09.0	+1.1
W40A	comp=Z,7nm,1.1s					04 29 08.9	+1.1
WHAR	Woolly Hollow	22.11	354	eP	P	04 29 09.3	+1.4
X36A	Centrahoma	22.16	345	P	P	04 29 08.7	+0.3
X35A	Drake	22.16	343	P	P	04 29 08.5	-0.1
X35A	Drake	22.16	343	eP	P	04 29 08.7	+0.2
JSC	Jenkinsville	22.19	18	eP	P	04 29 10.4	+1.6
W39A	Magazine	22.22	350	P	P	04 29 09.9	+0.9
W38A	Potter	22.22	349	P	P	04 29 10.3	+1.1
HBAR	Harrisburg	22.24	357	eP	P	04 29 12.0	+2.7
V45A	Humboldt	22.40	1	P	P	04 29 10.6	-0.4
BG3	Lake Jocassee	22.41	14	P	P	04 29 13.0	+1.7
V43A	Jonesboro	22.47	357	P	P	04 29 11.5	-0.2
W37B	Quinton	22.48	347	P	P	04 29 13.3	+1.3
W37B	comp=Z,45nm,0.6s					04 29 13.7	+1.7
V46A	Holladay	22.48	3	P	P	04 29 11.9	-0.1
V44A	Blytheville	22.49	359	P	P	04 29 12.3	+0.4
V48A	Smith Brothers	22.51	5	P	P	04 29 12.7	+0.4
CPCT	Cooper Cave	22.53	10	eP	P	04 29 13.3	+0.8
V42A	Cord	22.54	356	P	P	04 29 13.0	+0.5
V47A	Nunnely	22.54	4	P	P	04 29 13.1	+0.5
V41A	Mountainview	22.58	354	P	P	04 29 13.5	+0.4
GNAR	Gosnell	22.63	359	eP	P	04 29 15.1	+1.7
V40A	Witts Springs	22.68	353	P	P	04 29 14.5	+0.4
V39A	Pettigrew	22.82	351	P	P	04 29 16.0	+0.4
WVT	Waverly	22.82	3	P	P	04 29 15.0	-0.6
WVT	comp=Z,12nm,1.0s					04 29 14.9	-0.6
SJG	San Juan	22.85	75	P	P	04 29 13.6	-2.3
TKL	Tuckleechee C	22.87	12	P	P	04 29 15.1	-1.0
TKL	comp=Z,26.4nm,21.6s,baz=189,slow=38					04 29 16.6	+0.6
KMSC	Kings Mountain	22.97	17	P	P	04 29 16.5	-0.6
KMSC	Kings Mountain	22.97	17	eP	P	04 29 17.8	+0.8
V38A	Canehill	22.97	349	P	P	04 29 16.9	-0.2

U44B	Burton Farm, H	22.99	360	P	P	04 29 17.4	+0.2
U45A	Rockin P Farm,	23.01	1	P	P	04 29 17.1	-0.3
U46A	Springville	23.04	2	P	P	04 29 17.6	0.0
WMOK	Wichita Mounta	23.04	340	P	P	04 29 16.6	-1.1
WMOK	comp=Z,26nm,1.1s					04 29 16.6	-1.1
U43A	Rector	23.04	358	P	P	04 29 18.1	+0.4
U42A	Reverend	23.07	356	P	P	04 29 18.2	+0.2
U41A	Viola	23.11	355	P	P	04 29 18.5	+0.1
V37A	Hulbe	23.13	348	P	P	04 29 18.7	+0.1
OK022	N3560 Road, Pr	23.15	345	eP	P	04 29 18.6	-0.2
U44A	Portageville	23.16	359	P	P	04 29 18.7	-0.1
U47A	Clarksville	23.17	4	P	P	04 29 18.4	-0.6
OK020	N3440 Road, Me	23.21	344	eP	P	04 29 19.3	0.0
V36A	Jenks	23.21	346	P	P	04 29 19.2	-0.1
V36A	Jenks	23.21	346	eP	P	04 29 19.3	-0.1
U40A	Yellie	23.22	353	P	P	04 29 19.9	+0.4
OK021	N3530 Road, Sp	23.23	345	eP	P	04 29 21.2	+1.7
TUL1	Leonard	23.30	347	P	P	04 29 20.0	-0.1
TUL1	Leonard	23.30	347	eP	P	04 29 21.0	+0.8
U48A	Cassie Pea, Po	23.30	6	P	P	04 29 19.8	-0.4
HHAR	Hobbs	23.30	351	eP	P	04 29 20.6	+0.4
PARMO	Parma	23.32	359	eP	P	04 29 21.6	+1.3
PARMO	comp=Z,97nm,0.8s					04 29 38.3	+2.3
U39A	Green Forest	23.33	352	P	P	04 29 20.6	+0.1
V35A	Meyer Ranch, C	23.41	345	P	P	04 29 21.0	-0.2
V35A	Meyer Ranch, C	23.41	345	eP	P	04 29 20.9	-0.2
PBMO	Poplar Bluff	23.45	358	eP	P	04 29 21.9	+0.4
PBMO	comp=Z,52nm,0.8s					04 33 05.8	+0.1
U38A	Gravette	23.53	350	P	P	04 29 22.3	0.0
MNTX	Cornudas Mount	23.54	324	P	P	04 29 22.7	+0.2
MNTX	comp=Z,193,SNR=8.6					04 29 23.1	+0.7
U37A	Salina	23.63	348	P	P	04 29 23.3	+0.1
T47A	Sharon Grove	23.73	4	P	P	04 29 23.9	-0.2
T46A	Princeton	23.73	3	P	P	04 29 24.0	-0.1
T42A	Van Buren	23.73	357	P	P	04 29 24.0	-0.1
T44A	Benton	23.74	360	P	P	04 29 24.4	+0.3
U36A	Oologah	23.75	347	P	P	04 29 23.9	-0.3
T43A	Greenville	23.75	358	P	P	04 29 24.5	+0.3
TZTN	Tazewell	23.77	12	eP	P	04 29 24.3	-0.2
TZTN	comp=Z,32nm,1.4s					04 29 24.9	+0.4
T41A	Mountain View	23.79	355	P	P	04 29 24.8	+0.1
T48A	Bowling Green	23.91	6	P	P	04 29 25.0	-0.6
T39A	Cleaver	23.95	352	P	P	04 29 26.2	+0.1
U35A	Pawnee	23.96	345	P	P	04 29 26.0	-0.1
U35A	Pawnee	23.96	345	eP	P	04 29 26.4	+0.2
MSTX	Muleshoe	23.97	332	P	P	04 29 25.8	-0.6
MSTX	comp=Z,27nm,0.9s					04 29 26.6	+0.3
T40A	Manfield	23.97	354	P	P	04 29 26.6	+0.3
T38A	Diamond	24.10	350	P	P	04 29 27.3	-0.1
CNCC	Cliffs of the	24.22	23	eP	P	04 29 29.3	+0.8
S43A	Fuji Ridge	24.23	359	P	P	04 29 28.5	-0.1
AMTX	Amarillo	24.26	335	P	P	04 29 28.9	-0.1
AMTX	comp=Z,35nm,0.9s					04 29 29.9	+0.9
T37A	Cheneyville 18	24.29	349	P	P	04 29 29.4	+0.2
S41A	Jillico Farms,	24.33	355	P	P	04 29 29.7	+0.2
S44A	Carbondale	24.34	0	P	P	04 29 29.8	+0.2
SIUC	Southern Illin	24.37	0	eP	P	04 29 30.8	+1.0
S46A	Don Dixon Farm	24.38	3	P	P	04 29 30.0	+0.1
PCRV	Puerto La Cruz	24.39	95	P	P	04 29 27.6	-2.7
S40A	Lebon	24.41	354	P	P	04 29 30.2	0.0
T36A	Boggs Farm, Ca	24.42	347	P	P	04 29 30.1	-0.2
T35A	Sooner Cattle	24.43	346	P	P	04 29 30.0	-0.4
S42A	Caledonia	24.45	357	P	P	04 29 30.2	-0.5
S48A	Wiedeman Farm	24.48	6	P	P	04 29 30.0	-0.9
S39A	Bolivar	24.60	352	P	P	04 29 32.1	+0.2
U32A	Winter Ranch,	24.61	341	P	P	04 29 31.7	-0.4
S38A	Stockton	24.62	351	P	P	04 29 32.1	0.0
FVM	French Village	24.65	358	eP	P	04 29 32.6	+0.2
USIN	University of	24.66	3	eP	P	04 29 35.8	+3.3
T34A	McClaskey Farm	24.69	345	P	P	04 29 32.7	-0.1
CCM	Cathedral Cave	24.76	356	P	P	04 29 32.7	-0.7
CCM	comp=Z,43nm,1.0s					04 29 33.7	+0.3
CCM	Fort Scott	24.89	350	eP	P	04 33 08.6	+0.1
S37A	Waltonville	24.90	1	P	P	04 29 34.8	+0.1
R43A	Red Bud	24.93	359	P	P	04 29 35.2	+0.3
R45A	Skyler, Fairri	24.96	2	P	P	04 29 34.9	-0.3
R42A	Luebbering	24.96	357	P	P	04 29 35.3	0.0
S36A	Lake Cedric, C	25.00	348	P	P	04 29 35.5	-0.1
R41A	Rosebud	25.01	356	P	P	04 29 35.9	+0.2
WCI	Wyandotte Cave	25.03	6	P	P	04 29 34.7	-1.1
WCI	comp=Z,26nm,0.8s					04 29 35.9	+0.1
WCI	Wyandotte Cave	25.03	6	eP	P	04 29 35.9	+0.1
R47A	Wooly Knot Far	25.07	5	P	P	04 29 35.4	-0.8
R40A	Maddies Statio	25.07	355	P	P	04 29 36.1	-0.2
S35A	Otter Creek Ra	25.11	347	P	P	04 29 36.4	-0.2

BLA	Blacksburg	25.1
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2012 FEB

Table with columns for call sign, name, frequency, mode, and other details. Includes call signs like KSCO, M38A, N33A, SDMD, M37A, 214A, M36A, O56A, L42A, M35A, L41A, SCIA, SCIA, L40A, N54A, N54A, L43A, L39A, L38A, M33A, X16A, X16A, BGNE, BGNE, L34A, L35A, K41A, K40A, M54A, K42A, K39A, K38A, BBSR, JFWS, JFWS, K36A, L33A, L32A, K37A, K35A, K34A, J42A, K33A, J41A, N59A, J43A, J40A, ISCO, J38A, SMCO, J37A, K32A, J36A, K31A, PV04, H42A, H43A, I39A, I40A, I41A, I38A, I37A, I35A, J32A, ECSD, ECSD, SWSC, N23A, N23A, H43A, H42A, BC3, H41A, H40A, PHWY, PHWY, H39A, H37A, H38A, H36A, O20A, O20A.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like FRB, PLCA, PASO, SFJD, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like s-min=4.0km az=7.8, MRVT, etc.

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

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SWA2, AGG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like D35A Remer, F31A Hecla, C37A Embarrass, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like F10A Fort Rock, WALA Water Lakes, I05D Terrebonne, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like mb4.4/20, MS3.7/13, NEIC 02 04:52.38.9.1.1, etc.

2d 7h

2012 FEB

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MS4.1/12, NEIC, IDC, etc.

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

IDC 02 07:32:46.1+1.5, 2.28N, 96.89E, h0km, mb3.6/7, mb1 3.8/9, mb1mx2.5/7.3, mbtmp3.6/9, ML2.7/1, MS3.7/1, M1 3.7/1, ms1mx2.7/7.0, Error ellipse: s-maj=48.7km s-min=18.0km az=56.0

ISC/JB 02 07:32:49.1+0.8, 2.26N, 0.06:96.9E:0.1, h33km, mb3.6/7, MS3.7/1, Error ellipse: s-maj=14.9km s-min=9.0km az=8.2

DJA 02 07:32:52.9+0.5, 2.2N, 97.7E, h10km, M3.3/6, MLV3.3/6, ISK 02 07:32:51.8+0.9, 2.42N, 0.04:97.03E:0.1, h33km, n17, n32, c140/52, Turkey

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

MS4.1/12, Error ellipse: s-maj=27.1km s-min=12.3km az=30.6

NEIC 02 07:57:04.4+0.7, 37.31S, 94.03W, h10km, mb4.7/10, Error ellipse: s-maj=24.6km s-min=13.9km az=21.0

IDC 02 07:57:04.4+1.9, 36.74S, 93.87W, h0km, mb4.1/3, mb1 4.5/4, mb1mx4.0/35, mbtmp4.1/4, ML3.7/1, MS4.1/12, MS1 4.1/12, ms1mx3.9/31, Error ellipse: s-maj=81.6km s-min=38.7km az=41.0

ISC 02 07:57:04.2+0.8, 37.33S:0.2:94.0W:0.1, h10km, n40, n157/27, mb4.6/15, MS4.0/12, West Chile Rise

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

MS4.1/12, Error ellipse: s-maj=27.1km s-min=12.3km az=30.6

NEIC 02 07:57:04.4+0.7, 37.31S, 94.03W, h10km, mb4.7/10, Error ellipse: s-maj=24.6km s-min=13.9km az=21.0

IDC 02 07:57:04.4+1.9, 36.74S, 93.87W, h0km, mb4.1/3, mb1 4.5/4, mb1mx4.0/35, mbtmp4.1/4, ML3.7/1, MS4.1/12, MS1 4.1/12, ms1mx3.9/31, Error ellipse: s-maj=81.6km s-min=38.7km az=41.0

ISC 02 07:57:04.2+0.8, 37.33S:0.2:94.0W:0.1, h10km, n40, n157/27, mb4.6/15, MS4.0/12, West Chile Rise

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

ISK 02 07:39:26.9, 38.82N, 43.59E, h7km, ML2.6/5, CSEM 02 07:39:27.6+0.4, 38.85N, 43.62E, h10km, ML2.6, Error ellipse: s-maj=9.6km s-min=5.1km az=96.0

DDA 02 07:39:27.3, 38.81N, 43.51E, h7km, MD3.0, ISK/JB 02 07:39:28.0+0.6, 38.85N, 0.02:43.59E:0.05, h11km, 6km, Error ellipse: s-maj=7.7km s-min=3.6km az=11.4

ISC 02 07:39:25.7, 1.3830N, 0.02:43.71E:0.04, h8km, n1, n32, c140/52, Turkey

MS4.1/12, Error ellipse: s-maj=27.1km s-min=12.3km az=30.6

NEIC 02 07:57:04.4+0.7, 37.31S, 94.03W, h10km, mb4.7/10, Error ellipse: s-maj=24.6km s-min=13.9km az=21.0

IDC 02 07:57:04.4+1.9, 36.74S, 93.87W, h0km, mb4.1/3, mb1 4.5/4, mb1mx4.0/35, mbtmp4.1/4, ML3.7/1, MS4.1/12, MS1 4.1/12, ms1mx3.9/31, Error ellipse: s-maj=81.6km s-min=38.7km az=41.0

ISC 02 07:57:04.2+0.8, 37.33S:0.2:94.0W:0.1, h10km, n40, n157/27, mb4.6/15, MS4.0/12, West Chile Rise

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

MS4.1/12, Error ellipse: s-maj=27.1km s-min=12.3km az=30.6

NEIC 02 07:57:04.4+0.7, 37.31S, 94.03W, h10km, mb4.7/10, Error ellipse: s-maj=24.6km s-min=13.9km az=21.0

IDC 02 07:57:04.4+1.9, 36.74S, 93.87W, h0km, mb4.1/3, mb1 4.5/4, mb1mx4.0/35, mbtmp4.1/4, ML3.7/1, MS4.1/12, MS1 4.1/12, ms1mx3.9/31, Error ellipse: s-maj=81.6km s-min=38.7km az=41.0

ISC 02 07:57:04.2+0.8, 37.33S:0.2:94.0W:0.1, h10km, n40, n157/27, mb4.6/15, MS4.0/12, West Chile Rise

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

ISK 02 07:56:06.2, 2.1979S, 168.85E, h0km, mb3.6/3, mb1 3.9/4, mb1mx3.6/4, mbtmp3.6/4, ML3.7/1, Error ellipse: s-maj=88.0km s-min=26.8km az=137.0, Vanuatu Islands

MS4.1/12, Error ellipse: s-maj=27.1km s-min=12.3km az=30.6

NEIC 02 07:59:47.0+0.5, 9.55S, 120.63E, h0km, mb4.6/23, mb1 4.7/26, mb1mx4.5/60, mbtmp4.7/26, ML4.9/3, MS3.6/13, MS1 3.6/13, ms1mx3.5/62, Error ellipse: s-maj=21.3km s-min=12.9km az=61.0

BJJ 02 07:59:52.2, 9.90S, 120.50E, h52km, mb4.8/30, mb5.1/17, MS4.9/10, MS7.4/6, ISK/JB 02 07:59:53.9+0.2, 9.91S:0.03:120.55E:0.02, h68km, mb4.7/47, Error ellipse: s-maj=4.6km s-min=2.9km az=11.9

NEIC 02 07:59:54.5+0.6, 9.84S, 120.45E, h53km, 6km, mb4.9/21, Error ellipse: s-maj=7.2km s-min=5.0km az=220.0

DJA 02 07:59:56.5+0.2, 10.3, 12.1E, h68km, 3km, M5.0/31, mb5.2/31, mb5.5/20, MLV5.2/19, Mw(m)B5.0/20, ISC 02 07:59:55.6+0.3, 9.94S:0.04:120.56E:0.04, h68km, n202, c2:13/199, mb4.8/47, 2C-1D, Sumba region

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

MS4.1/12, Error ellipse: s-maj=27.1km s-min=12.3km az=30.6

NEIC 02 07:59:47.0+0.5, 9.55S, 120.63E, h0km, mb4.6/23, mb1 4.7/26, mb1mx4.5/60, mbtmp4.7/26, ML4.9/3, MS3.6/13, MS1 3.6/13, ms1mx3.5/62, Error ellipse: s-maj=21.3km s-min=12.9km az=61.0

BJJ 02 07:59:52.2, 9.90S, 120.50E, h52km, mb4.8/30, mb5.1/17, MS4.9/10, MS7.4/6, ISK/JB 02 07:59:53.9+0.2, 9.91S:0.03:120.55E:0.02, h68km, mb4.7/47, Error ellipse: s-maj=4.6km s-min=2.9km az=11.9

NEIC 02 07:59:54.5+0.6, 9.84S, 120.45E, h53km, 6km, mb4.9/21, Error ellipse: s-maj=7.2km s-min=5.0km az=220.0

DJA 02 07:59:56.5+0.2, 10.3, 12.1E, h68km, 3km, M5.0/31, mb5.2/31, mb5.5/20, MLV5.2/19, Mw(m)B5.0/20, ISC 02 07:59:55.6+0.3, 9.94S:0.04:120.56E:0.04, h68km, n202, c2:13/199, mb4.8/47, 2C-1D, Sumba region

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

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like LSA, ODAN, TAPN, MJAR, RAMN, JIRN, GUN, etc.

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Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like Y46A, W47A, V48A, X47A, Z46A, etc.

2d 8h

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like KUZ, TWGZ, MWZ, URZ, URZ, etc.

KRSC 02 08:20:24.9, 1.6, 52.71N; 160.70E, h18km, mb4.0/11, IS/CJB 02 08:20:25.8, 1.0, 52.71N; 160.70E, 0.05, h10km, 5km, mb3.9/6, MS3.7/2, Error ellipse: s-maj=6.9km s-min=4.2km az=136.4

IDC 02 08:20:27.6, 7.0, 52.24N; 160.42E, h67km, 42km, mb3.5/6, mb1.3/6, ms1mx3.7/4, mbmtpp3.8/6, MS3.6/2, 1.5/2, ms1mx2.7/58, Error ellipse: s-maj=67.1km s-min=45.3km az=176.0

ISC 02 08:20:23.7, 1.7, 52.80N; 160.05E; 0.05, h15km, 9km, n46, c1818/56, mb3.8/6, Off coast of east of Kamchatka Peninsula

Table with columns: Code, Station Name, Frequency, Power, Class, and other technical details. Includes stations like SPN, SPN, NLC, NLC, SDR, SDR, etc.

IDC 02 08:11:35.8, 0.7, 5.40N; 127.91E, h0km, mb4.0/12, mb1.4/12, mb1mx3.9/70, mbmtpp4.0/12, Error ellipse: s-maj=46.9km s-min=14.4km az=72.0

NEIC 02 08:11:40.9, 0.3, 5.41N; 127.94E, h35km, mb4.4/6, Error ellipse: s-maj=11.9km s-min=6.5km az=79.0

ISC 02 08:11:41.0, 0.6, 5.29N; 0.07; 127.90E; 0.09, h35km, n36, c232/37, mb4.2/17, 1C-1D, Philippine Islands region

Table with columns: Code, Station Name, Frequency, Power, Class, and other technical details. Includes stations like MATI, DAV, GSPH, GSPH, BIPH, BIPH, etc.

IDC 02 08:32:47.7, 1.7, 14.78S; 66.49E, h0km, mb4.0/11, mb1.9/11, mb1mx3.8/72, mbmtpp4.0/11, MS3.5/6, Ms1.3/6, ms1mx3.8/99, Error ellipse: s-maj=48.5km s-min=30.6km az=31.0

ISC/JB 02 08:32:49.4, 1.6, 14.7S; 0.3; 66.6E; 0.2, h19km, mb4.0/11, MS3.5/6, Error ellipse: s-maj=45.2km s-min=23.6km az=29.3

ISC 02 08:32:50.9, 1.7, 14.8S; 0.3; 66.5E; 0.3, h19km, n29, c085/15, mb4.0/11, MS3.5/6, 2C, Mid-Indian Ridge

Table with columns: Code, Station Name, Frequency, Power, Class, and other technical details. Includes stations like H08S1, H08S2, H08S3, etc.

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Table with columns: PdK, Pallekele, BOS, BRDH, SUR, CMAR, CMAR, H01W3, H01W2, H01W1, NWA0, BRTR, MKAR, ASAR, AKTO, KURBB, BVAR, ZALV, VLOI, PVR, SONM, AKASG, HFS, PDAR, TXAR. Includes station names, coordinates, and various codes.

NEIC 02:08:35:17.8.0.0,39.985:5.761:82E, h42km, ML4.3(W), After WEL

NEIC Felt in Hawke's Bay, WEL 02:08:35:17.2,40.05:0.9:177E, h45km,2km,ML4.7/12, North Island

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Lists numerous stations across the North Island.

Table with columns: TRWZ, KUTZ, KIWI, CAW, CAZ, PAWZ, MWZ, TKGZ, TRZ, MKRZ, TLZ, CNZG, EDZ, OMRZ, TLZ, PLWZ, MARZ, KARZ, WEL, TWGZ, BHW, HIZ, PREZ, DPREZ, OPRZ, NEZ, PUZ, KHEZ, TCW, TGRZ, PKE, MWZ, NZW, TOZ, WMGZ, TWZ, MKZ, BSWZ, NNZ, MKAZ, KBAZ, KUZ, ETAZ, ETZ, KHZ, WTAZ, RVZ, DNZ, LTZ, WCZ, CRZ, MOZ, OXFZ, MWZ, RPZ, CTZ, FZ, FOZ, FAZ, TAZ. Includes station names, coordinates, and various codes.

DJA 02:08:35:59.8:0.7,0.5:4.12'2'E, h62km,12km, M2.6/4, ML2.6/4, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations in the Minahassa Peninsula region.

IDC 02:08:36:14.8:6.4,84S:130.34E, h10km,81km, mb3.4/2, mb1 3.5/5, mb1mx3.2/5, mbmtmp3.8/5, ML3.7/3, Error ellipse: s-maj=96.1km s-min=36.1km az=67.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations in the Banda Sea region.

DJA 02:08:51:10.5:0.4,2.5:4.12'0'E, h10km, M3.7/7, ML3.7/7, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations in the Sulawesi region.

CSEM 02:09:10:27.5:0.2,38.62N:43.16E, h20km, ML2.7, Error ellipse: s-maj=5.7km s-min=5.3km az=111.0

DDA 02:09:10:27.2,38.64N:43.21E, h26km, ML2.7, ISK 02:09:10:27.2,38.66N:43.13E, h5km, ML2.3/4

ISCJB 02:09:10:28.1,41.8,38.62N:104.43:18E:0.05, h25km,8km, Error ellipse: s-maj=7.3km s-min=6.2km az=36.3

ISC 02:09:10:27.9:1.0,38.67N:0.03:43.15E:0.03, h19km,2km, n17, 0.9/2/32, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations in the Turkey region.

IDC 02:09:12:47.6:3.1,54.37N:86.87E, h0km, mb1 2/7/2, mb1mx2.6/92, mbtmp2.7/2, ML2.3/2, Error ellipse: s-maj=26.1km s-min=16.8km az=58.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations in the Southwestern Siberia region.

MOS 02:09:16:11.5:0.8,5.23S:153.75E, h33km, mb5.0/14, Error ellipse: s-maj=12.0km s-min=8.8km az=82.8

ISCJB 02:09:16:12.1:0.3,5.28S:0.04:153.69E:0.05, h35km, mb4.8/53, MS4.7/6, Error ellipse: s-maj=7.5km s-min=5.6km az=12.8

IDC 02:09:16:13.2:5.2,5.27S:153.70E, h33km,39km, mb4.5/23, mb1 4.5/25, mb1mx4.3/53, mbtmp4.6/25, ML3.3/2, MS3.8/4, MS1 3.8/4, ms1mx3.2/52, Error ellipse: s-maj=18.7km s-min=11.3km az=80.0

NEIC 02:09:16:17.2:0.8,5.34S:153.64E, h70km,6km, mb5.0/14, Error ellipse: s-maj=7.6km s-min=5.1km az=88.0

BJJ 02:09:16:18.9:4.68S:153.68E, h73km, mb4.9/45, mb5.2/30, MS5.1/22, MS7.4/8/21

ISC 02:09:16:14.1:0.4,5.24S:0.05:153.63E:0.06, h35km, n136, 0.1867/147, mb4.9/53, MS4.8/7, 12C-5D, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations in the New Ireland region.

DZM 02:08:35:59.8:0.7,0.5:4.12'2'E, h62km,12km, M2.6/4, ML2.6/4, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations in the Minahassa Peninsula region.

IDC 02:08:36:14.8:6.4,84S:130.34E, h10km,81km, mb3.4/2, mb1 3.5/5, mb1mx3.2/5, mbmtmp3.8/5, ML3.7/3, Error ellipse: s-maj=96.1km s-min=36.1km az=67.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations in the Banda Sea region.

DJA 02:08:51:10.5:0.4,2.5:4.12'0'E, h10km, M3.7/7, ML3.7/7, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations in the Sulawesi region.

CSEM 02:09:10:27.5:0.2,38.62N:43.16E, h20km, ML2.7, Error ellipse: s-maj=5.7km s-min=5.3km az=111.0

DDA 02:09:10:27.2,38.64N:43.21E, h26km, ML2.7, ISK 02:09:10:27.2,38.66N:43.13E, h5km, ML2.3/4

ISCJB 02:09:10:28.1,41.8,38.62N:104.43:18E:0.05, h25km,8km, Error ellipse: s-maj=7.3km s-min=6.2km az=36.3

ISC 02:09:10:27.9:1.0,38.67N:0.03:43.15E:0.03, h19km,2km, n17, 0.9/2/32, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations in the Turkey region.

2d 9h

Table with columns: Call sign, Name, Frequency, Power, Status, and other details. Includes stations like TAU, PWJ, GIRL, PBKI, etc.

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Table with columns: Call sign, Name, Frequency, Power, Status, and other details. Includes stations like WHN, KULM, MNSI, etc.

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Table with columns: Call sign, Name, Frequency, Power, Status, and other details. Includes stations like PET, PPT, PPT2, etc.

Y22D	comp=Z,2um,22.0s	IRIS PASSCAL I	104.65	57	PFAKE	LR	09 46 30.0	+11
ANMO	comp=Z,1um,22.0s	Albuquerque	105.00	56	PFAKE	LR	09 50 50.0	
N23A	comp=Z,900nm,22.0s	Red Feather La	105.06	50	PFAKE	LR	09 50 50.0	
EPT	comp=Z,800nm,20.0s	El Paso	105.06	59	PFAKE	LR	09 50 50.0	
ISCO	comp=Z,1um,19.0s	Idaho Springs	105.39	51	PFAKE	LR	09 50 50.0	
PHWY	comp=Z,800nm,18.0s	Pilot Hill	105.40	49	PFAKE	LR	09 50 50.0	
SDCO	comp=Z,900nm,20.0s	Great Sand Dun	105.62	53	PFAKE	LR	09 50 50.0	
RAYN	comp=Z,2um,21.0s	Ar Rayn	105.75	292	PFAKE	LR	09 50 50.0	
Q24A	comp=Z,400nm,18.0s	Divide	105.81	52	PFAKE	LR	09 50 50.0	
FFC	comp=Z,1um,21.0s	Flin Flon	105.87	35	PFAKE	LR	09 50 50.0	
HPIG	comp=Z,2um,20.0s	Apatity	106.02	339	PFAKE	LR	09 46 22.1	-2.3
MNTX	comp=Z,8.0nm,1.2s	Cornudas Mount	106.02	59	PFAKE	LR	09 50 50.0	
RSSD	comp=Z,1um,19.0s	Black Hills	106.16	46	PFAKE	LR	09 50 50.0	
T25A	comp=Z,1um,20.0s	Trinidad	106.53	53	ePdif	LR	09 46 27.0	-0.7
DAMY	comp=Z,1um,20.0s	Dhamar	106.56	583	PFAKE	LR	09 50 50.0	
TXAR	comp=Z,400nm,21.0s	Lajitas Array	107.59	61	PKIKP	PKIKP	09 50 41.8	+1.3
ARCES	comp=Z,0.3nm,0.7s,baz=124,slow=1.9,SNR=3.5	ARCES Array B	107.74	342	PKIKP	PKIKP	10 02 04.3	-4.7
KSCO	comp=Z,3.5nm,0.9s,baz=85,slow=2.0,SNR=7.0	Kaye Shedlock	107.77	51	PFAKE	LR	09 50 50.0	
ARTV	comp=Z,1um,18.0s	Artvin	107.82	311	PFAKE	LR	09 50 50.0	
OGNE	comp=Z,200nm,22.0s	Ogallala	108.01	49	PFAKE	LR	09 50 50.0	
MSTX	comp=Z,800nm,20.0s	Muleshoe	108.09	57	PFAKE	LR	09 50 50.0	
MDND	comp=Z,1um,19.0s	Maddock	108.66	42	PFAKE	LR	09 50 50.0	
AMTX	comp=Z,900nm,19.0s	Amarillo	108.92	56	PFAKE	LR	09 50 50.0	
KOPT	comp=Z,1um,20.0s	Kop Dag	109.05	310	PFAKE	LR	09 50 50.0	
C31A	comp=Z,400nm,20.0s	Landman Farms	109.90	42	P	PKIKP	09 50 44.3	+0.1
CBKS	comp=Z,2um,22.0s	Cedar Bluff	110.03	51	PFAKE	LR	09 51 00.0	
MOIG	comp=Z,1um,21.0s	Morelia	110.04	72	PFAKE	LR	09 51 00.0	
ULM	comp=Z,1um,20.0s	Lac du Bonnet	110.51	39	PKIKP	PKIKP	09 50 44.6	-0.6
ULM	comp=Z,1um,20.0s	Lac du Bonnet	110.51	39	PKIKP	MLR	09 50 44.6	-0.6
ULM	comp=Z,900nm,21.0s	Lac du Bonnet	110.51	39	PKIKP	PKIKP	09 50 44.6	-0.6
JRQG	comp=Z,900nm,21.0s	Juriquilla Cam	110.73	70	PFAKE	LR	09 51 00.0	
ABTX	comp=Z,2um,20.0s	Ablene, Hawie	110.82	58	PFAKE	LR	09 51 00.0	
BGNE	comp=Z,1um,22.0s	Belgrade	110.84	48	PFAKE	LR	09 51 00.0	
JCT	comp=Z,900nm,20.0s	Junction City	110.87	60	PFAKE	LR	09 51 00.0	
AGMN	comp=Z,2um,18.0s	Agassiz Nation	111.01	41	PFAKE	LR	09 51 00.0	
WMOK	comp=Z,1um,19.0s	Wichita Mounta	111.31	55	P	PKIKP	09 50 46.7	-0.6
WMOK	comp=Z,900nm,20.0s	Wichita Mounta	111.31	55	PFAKE	LR	09 51 00.0	
FINES	comp=Z,1.1nm,0.6s,baz=130,slow=3.0,SNR=4.5	FINESS Array B	111.48	335	PKIKP	PKIKP	09 50 46.7	0.0
ECSD	comp=Z,2um,20.0s	EROS Data Cent	111.52	46	P	PKIKP	09 50 46.8	-0.6
LNIG	comp=Z,2um,20.0s	Linares	111.52	66	PFAKE	LR	09 51 00.0	
C34A	comp=Z,2um,18.0s	Park Rapids	111.74	42	P	PKIKP	09 50 46.9	-0.8
D34A	comp=Z,2um,18.0s	RKJ Ranch, Bem	111.79	41	P	PKIKP	09 50 46.8	-1.0
E34A	comp=Z,2um,18.0s	Wadena	111.90	42	P	PKIKP	09 50 47.8	-0.2
H34A	comp=Z,2um,18.0s	Spellman Lake	111.91	44	P	PKIKP	09 50 48.2	+0.1
UNM	comp=Z,900nm,20.0s	Universidad Na	111.94	72	PFAKE	LR	09 51 00.0	
KMBO	comp=Z,500nm,20.0s	Kilima Mbogo	112.29	266	PFAKE	LR	09 51 00.0	
KSU1	comp=Z,1um,18.0s	Kansas State U	112.39	50	PFAKE	LR	09 51 00.0	
E35A	comp=Z,1um,18.0s	Pequot Lakes	112.40	42	P	PKIKP	09 50 48.9	0.0
D35A	comp=Z,2um,18.0s	Remer	112.50	42	P	PKIKP	09 50 48.4	-0.7
TLIG	comp=Z,1um,20.0s	Tipapa	112.53	74	PFAKE	LR	09 51 00.0	
H35A	comp=Z,1um,20.0s	Sunnyside Ranc	112.56	44	P	PKIKP	09 50 49.1	-0.2
WHTX	comp=Z,902nm,19.0s	Lake Whitney	112.73	58	PFAKE	LR	09 51 00.0	
U35A	comp=Z,1um,20.0s	Pawnee	112.74	53	PFAKE	LR	09 51 00.0	
V35A	comp=Z,1um,20.0s	Meyer Ranch, C	112.75	54	PFAKE	LR	09 51 00.0	
OK020	comp=Z,1um,21.0s	N3440 Road, Me	112.75	54	PFAKE	LR	09 51 00.0	
KVTX	comp=Z,1um,20.0s	Kingsville	112.77	63	PFAKE	LR	09 51 00.0	
X35A	comp=Z,1um,19.0s	Drake	112.83	56	PFAKE	LR	09 51 00.0	

S35A	comp=Z,2um,22.0s	Otter Creek Ra	112.86	52	P	PKIKP	09 50 49.4	-0.7
OK021	comp=Z,2um,21.0s	N3500 Road, Sp	112.87	54	PFAKE	LR	09 51 00.0	
Q35A	comp=Z,2um,21.0s	Merger Eighty,	112.88	51	P	PKIKP	09 50 49.9	-0.2
OK022	comp=Z,2um,18.0s	N3560 Road, Pr	112.92	54	PFAKE	LR	09 51 00.0	
F36A	comp=Z,2um,18.0s	Milaca	113.17	43	P	PKIKP	09 50 50.2	-0.2
L36A	comp=Z,2um,18.0s	Harm Buss Farm	113.26	47	P	PKIKP	09 50 50.1	-0.6
X36A	comp=Z,2um,18.0s	Centrahoma	113.31	55	P	PKIKP	09 50 52.0	+1.0
S36A	comp=Z,2um,18.0s	Lake Cedric, C	113.42	52	P	PKIKP	09 50 50.9	-0.2
V36A	comp=Z,1um,20.0s	Jenks	113.46	54	PFAKE	LR	09 51 00.0	
D37A	comp=Z,2um,21.0s	Cotton	113.54	41	P	PKIKP	09 50 50.9	-0.3
TUL1	comp=Z,1um,21.0s	Leonard	113.57	54	PFAKE	LR	09 51 00.0	
EYMN	comp=Z,800nm,20.0s	Ely	113.92	40	PFAKE	LR	09 51 00.0	
W37B	comp=Z,1um,20.0s	Quinton	113.98	55	P	PKIKP	09 50 52.3	0.0
W37B	comp=Z,1um,20.0s	Quinton	113.98	55	PFAKE	LR	09 51 00.0	
S37A	comp=Z,1um,20.0s	Fort Scott	114.01	52	P	PKPdf	09 50 52.9	+0.6
V37A	comp=Z,1um,20.0s	Hulbert	114.09	54	P	PKPdf	09 50 52.6	+0.2
X37A	comp=Z,1um,21.0s	Clayton	114.11	55	PFAKE	LR	09 51 00.0	+7.4
AKASG	comp=Z,0.6nm,0.5s,baz=64,slow=2.3,SNR=6.1	Main Array Be	114.23	323	PKP	PKP	09 50 51.1	-1.2
KIEV	comp=Z,1.0nm,0.7s,baz=271,slow=3.5,SNR=4.9	Kiev	114.25	323	PFAKE	LR	09 51 00.0	+7.7
BRTR	comp=Z,400nm,20.0s	Keskin Array B	114.30	311	PKP	PKP	09 50 52.1	-0.9
SCIA	comp=Z,0.6nm,0.8s,baz=323,slow=2.2,SNR=2.5	State Center	114.36	47	PFAKE	LR	09 51 00.0	+7.2
G38A	comp=Z,1um,20.0s	Ridgeland	114.48	43	P	PKP	09 50 52.1	-0.8
X38A	comp=Z,1um,20.0s	Whitesboro	114.54	55	P	PKP	09 50 53.5	+0.1
T38A	comp=Z,1um,20.0s	Diamond	114.56	52	P	PKP	09 50 53.4	0.0
U38A	comp=Z,1um,20.0s	Gravette	114.60	53	P	PKP	09 50 53.7	+0.2
V38A	comp=Z,1um,20.0s	Canehill	114.68	54	P	PKP	09 50 52.9	-0.7
F39A	comp=Z,1um,20.0s	Loretta	114.90	42	P	PKP	09 50 52.6	-1.2
ANTO	comp=Z,300nm,22.0s	Ankara	114.90	311	PFAKE	LR	09 51 10.0	+16
G39A	comp=Z,1um,20.0s	Holcombe	114.91	43	P	PKP	09 50 53.4	-0.4
HHAR	comp=Z,1um,20.0s	Hobbs	114.98	53	PFAKE	LR	09 51 10.0	+16
E39A	comp=Z,1um,20.0s	Mellen	115.00	42	P	PKP	09 50 53.2	-0.7
NATX	comp=Z,1um,20.0s	Nacogdoches	115.11	58	PFAKE	LR	09 51 10.0	+15
X39A	comp=Z,1um,20.0s	Fountain Ranch	115.15	55	P	PKP	09 50 55.0	+0.4
Q39A	comp=Z,1um,20.0s	Willow Grove F	115.18	50	P	PKP	09 50 54.1	-0.3
L39A	comp=Z,1um,20.0s	Vinton	115.18	46	P	PKP	09 50 54.9	+0.5
S39A	comp=Z,1um,20.0s	Bolivar	115.19	51	P	PKP	09 50 54.2	-0.4
P39B	comp=Z,1um,20.0s	Salisbury	115.25	49	P	PKP	09 50 54.4	-0.2
T39A	comp=Z,1um,20.0s	Clever	115.28	52	P	PKP	09 50 54.4	-0.4
R39A	comp=Z,1um,20.0s	Chumby, Stover	115.29	51	P	PKP	09 50 54.1	-0.6
V39A	comp=Z,1um,20.0s	Pettigrew	115.30	54	P	PKP	09 50 54.8	-0.1
U39A	comp=Z,1um,20.0s	Green Forest	115.33	53	P	PKP	09 50 54.6	-0.3
E40A	comp=Z,1um,20.0s	Wakelid	115.41	41	P	PKP	09 50 54.4	-0.3
F40A	comp=Z,1um,20.0s	Park Falls	115.43	42	P	PKP	09 50 54.3	-0.5
G40A	comp=Z,1um,20.0s	Rib Lake	115.57	43	P	PKP	09 50 54.7	-0.4
MIAR	comp=Z,1um,20.0s	Mount Ida	115.58	55	P	PKP	09 50 55.2	-0.2
MIAR	comp=Z,1um,20.0s	Mount Ida	115.58	55	PFAKE	LR	09 51 10.0	+15
H40A	comp=Z,1um,20.0s	Chili	115.64	43	P	PKP	09 50 55.1	-0.1
U40A	comp=Z,1um,20.0s	Yellville	115.83	53	P	PKP	09 50 55.2	-0.6
Q40A	comp=Z,1um,20.0s	Laux Farm, Aux	115.88	50	P	PKP	09 50 55.6	-0.2
W40A	comp=Z,1um,20.0s	Ferguson Farm,	115.88	54	P	PKP	09 50 56.5	+0.6
W40A	comp=Z,1um,20.0s	Ferguson Farm,	115.88	54	PFAKE	LR	09 51 10.0	+14
R40A	comp=Z,1um,20.0s	Maddies Statio	115.88	51	P	PKP	09 50 55.4	-0.5
T40A	comp=Z,1um,20.0s	Manfield	115.93	52	P	PKP	09 50 55.9	-0.1
V40A	comp=Z,1um,20.0s	Witts Springs	115.96	53	P	PKP	09 50 56.0	-0.2
COWI	comp=Z,1um,18.0s	Conover	116.02	42	PFAKE	LR	09 51 10.0	+14
WLAR	comp=Z,1um,18.0s	White Oak Lake	116.11	56	PFAKE	LR	09 51 10.0	+14
F41A	comp=Z,900nm,20.0s	Three Lakes	116.16	42	P	PKP	09 50 55.9	-0.3
BOSA	comp=Z,7.7nm,0.9s,baz=169,slow=3.5,SNR=3.4	Boshof	116.17	234	PKP	PKP	09 50 56.4	-0.5
JFWS	comp=Z,1um,20.0s	Jewell Farm	116.22	45	P	PKP	09 50 55.1	-1.2
JFWS	comp=Z,1um,20.0s	Jewell Farm	116.22	45	PFAKE	LR	09 51 10.0	+14
J41A	comp=Z,1um,20.0s	Loganville	116.26	45	P	PKP	09 50 55.2	-1.2
X301	comp=Z,1um,20.0s	Greenbrier Sit	116.41	54	PFAKE	LR	09 51 10.0	+13
MATP	comp=Z,2.6nm,0.7s,baz=98,slow=2.7,SNR=7.2	Matopo	116.41	243	PKP	PKP	09 50 56.6	-0.9
WHAR	comp=Z,1um,19.0s	Woolly Hollow	116.48	54	PFAKE	LR	09 51 10.0	+13
V41A	comp=Z,1um,19.0s	Mountainview	116.49	53	P	PKP	09 50 56.3	-0.9
Q41A	comp=Z,1um,20.0s	Truxton	116.53	50	P	PKP	09 50 56.4	-0.7
UALR	comp=Z,1um,20.0s	University of	116.54	54	PFAKE	LR	09 51 10.0	+13
W41B	comp=Z,1um,20.0s	Gary Mavity, V	116.54	54	P	PKP	09 50 56.9	-0.3
T41A	comp=Z,1um,20.0s	Mountain View	116.54	52	P	PKP	09 50 56.9	-0.3
R41A	comp=Z,1um,20.0s	Rosebud	116.56	50	P	PKP	09 50 56.4	-0.8
U41A	comp=Z,1um,20.0s	Viola	116.57	53	P	PKP	09 50 56.6	-0.6
CCM	comp=Z,1um,20.0s	Cathedral Cave	116.72	51	P	PKP	09 50 56.5	-1.0
CCM	comp=Z,1um,20.0s	Cathedral Cave	116.72	51	ePKIKP	PKP	09 50 58.2	+0.7

CCM	comp=Z,1um,22.0s	Cathedral Cave	116.72	51	ePKP	MLR	09 50 58.2	+0.7
G42A	comp=Z,1um,22.0s	Mountain	116.77	42	P	PKP	09 50 56.1	-1.3
I42A	comp=Z,2um,22.0s	Draeger Farm,	116.87	44	P	PKP	09 50 5	

s-min=13.8km az=111.0
ISCJ 02 09:45:19.3.0.5, 6.51S, 0.07:149.7E:0.1, h43km,
mb4.3/18, MS3.9, Error ellipse: s-maj=16.4km

s-min=5.6km az=31.1
NEIC 02 09:45:22.0.8, 6.62S:149.82E, h59km, 7km, mb4.8/6,
Error ellipse: s-maj=11.3km s-min=5.5km az=120.0

ISC 02 09:45:21.0.0.6, 6.53S:0.10:149.8E:0.1, h43km, n58,
s1502/63, mb4.4/18, New Britain region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like Rabaul, Port Moresby, Warramunga Arr, etc.

WEL 02 09:45:20.9.37S, 9.177E, h33km, ML3.2/23, Off east coast of North Island

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

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

OTT 02 09:48:11.6.0.4, 73.02N:71.61W, h18km, mb4.0/2,
ML4.0/15, Baffin Bay Seismic Zone. 215km east from Pond Inlet, Nu

ISC 02 09:48:08.2.0.8, 73.04N:0.05:71.65W:0.06, h10km, n26,
s274/32, Baffin Bay

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

ISCJ 02 10:00:46.9.0.3, 3.68S:0.03:128.93E:0.05, h128km, 3km,
mb4.0/10, Error ellipse: s-maj=9.0km s-min=4.9km

NEIC 02 10:00:46.1.1.0, 3.65S:128.80E, h97km, 11km, mb4.4/4,
Error ellipse: s-maj=18.7km s-min=7.2km az=75.0

ISC 02 10:00:48.7.2.5, 3.63S:129.06E, h122km, 25km, mb3.8/10,
mb1.3/9.13, mb1mx3.6/66, mbtmp4.2/13, Error ellipse:
s-maj=27.8km s-min=12.0km az=80.0

DJA 02 10:00:49.7.0.5, 4.54S:12.9E, h105km, 5km, M4.2/7,
MLV4.2/7

ISC 02 10:00:48.2.0.7, 3.65S:0.05:128.94E:0.05, h123km, 6km,
n38, s1940/46, mb4.0/10, Seram

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

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like WRAB, WRI, WRA, AS31, etc.

IDC 02 10:08:42.9.3.4, 6.21S:149.34E, h0km, mb3.6/2,
mb1.3/9.4, mb1mx3.5/44, mbtmp3.7/4, ML4.0/1, Error
ellipse: s-maj=103.5km s-min=35.8km az=115.0, New
Britain region

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

IDC 02 10:09:48.5.7.6, 6.09S:149.49E, h0km, mb3.6/3,
mb1.3/9.4, mb1mx3.5/43, mbtmp3.7/4, ML1.7/1, Error
ellipse: s-maj=118.3km s-min=41.6km az=115.0, New
Britain region

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

IDC 02 10:21:17.9.3.7, 5.45S:148.67E, h0km, mb1.25/2,
mb1mx2.4/67, mbtmp2.5/2, ML2.0/2, Error ellipse:
s-maj=30.6km s-min=17.4km az=48.0, Southwestern
Siberia

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like I46RU, ZALV, etc.

ATH 02 10:25:13.8, 38.74N:26.07E, h30km, ML3.0/9, Error
ellipse: s-maj=1.5km s-min=0.7km az=87.0

ISCJ 02 10:25:14.8.0.4, 38.74N:0.02:26.03E:0.03, h20km, 5km,
Error ellipse: s-maj=4.1km s-min=3.0km az=175.3

CSEM 02 10:25:14.6.0.1, 38.73N:26.07E, h15km, ML3.0, Error
ellipse: s-maj=3.6km s-min=3.0km az=92.0

THE 02 10:25:14.3, 38.75N:26.02E, h3km, 2km, ML3.1/5, Error
ellipse: s-maj=2.4km s-min=0.7km az=98.0

DDA 02 10:25:14.4, 38.81N:26.15E, h4km, ML3.2

ISC 02 10:25:14.5.0.9, 38.75N:0.02:26.08E:0.02, h16km, 7km,
n108, s0979/139, Aegean Sea

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

2d 10h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like PFO Pinyon Flats O, YERR Yerington, DAC Darwin (Calif), PAHR Pah Rah Range, etc.

ISCJB 02 10:46:49.0, 0.9, 14.75N, 0.06, 93.23W, 0.05, h53km, 10km, mb3.8/5, MS4.0/3, Error ellipse: s-maj=11.3km s-min=6.9km az=23.2

2012 FEB

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like PCIG Comitan, PCIG Comitan, CCIG Comitan, etc.

IDC 02 10:55:38.4, 2.5, 40.64N, 78.18E, h0km, mb3.0/2, mb1 3.4/6, mb1mx3/2.72, mbtmp3.3/6, ML3.1/4, MS3.4/1, Ms1 3.4/1, ms1mx2.7/28, Error ellipse: s-maj=30.9km s-min=20.6km az=167.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like KDJ Kajisay, KDJ Kajisay, PRZ Przheval'sk, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like PDGK Podgornoye, PDGK Podgornoye, PDGK Podgornoye, etc.

ISCJB 02 10:56:49.0, 0.2, 20.85S, 0.03, 68.97W, 0.04, h113km, 2km, mb4.4/6.0, Error ellipse: s-maj=6.3km s-min=4.1km az=15.5

GUC 02 10:56:49.8, 0.6, 20.85S, 69.11W, h111km, 3km, ML4.7, NEIC 02 10:56:50.0, 0.0, 20.84S, 69.08W, h109km, mb4.4/3.6, ML4.7(GUC), After GUC.

NEIC Felt [I] at Pica and Pozo Almonte. IDC 02 10:56:50.6, 0.8, 20.72S, 68.70W, h119km, 6km, mb3.8/10, mb1 4.0/12, mb1mx3.8/39, mbtmp4.2/12, MS3.4/1, Ms1 3.4/1, ms1mx2.9/40, Error ellipse: s-maj=21.4km s-min=17.1km az=35.0

SJA 02 10:56:54.0, 0.7, 21.12S, 68.56W, h184km, 4.3km, ML3.6, MW3.4

ISC 02 10:56:49.9, 0.5, 20.85S, 0.03, 68.98W, 0.05, h116km, 4km, h116km, 4km, P, n96, r162/131, mb4.4/4.0, 7C-3D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like PB01 IPOC Station P, PB01 IPOC Station P, etc.

2d 12h

Table with columns: STKI, FITZ, WRA, ASAR, ASAR, CMAR, CTA, STKA, SONM, MKAR, MKAR, MKAR, KURBB, BVAR, BVAR. Includes station names, coordinates, and various parameters.

MAN 02 11:42:55.5, 15N, 127.82E, h37km, mb4.8, ML3.7, MS3.5
ISCB 02 11:42:57.2, 0.7, 4.96N, 0.04, 127.83E, 0.07, h90km, 7km, mb4.0/10, Error ellipse: s-maj=12.0km s-min=5.2km az=158.3

NEIC 02 11:42:59.8, 0.9, 4.92N, 127.82E, h96km, mb4.1/4, Error ellipse: s-maj=11.8km s-min=5.2km az=69.0
IDC 02 11:42:59.5, 0.8, 4.91N, 127.84E, h93km, mb3.8/9, mb1.3/9.1, mb1mx3.6/5.6, mbtmp4.1/1.1, MS3.2/1, Ms1.3/2.1, ms1mx2.5/5.6, Error ellipse: s-maj=37.4km s-min=9.8km az=67.0

DJA 02 11:43:02.3, 2.4, 5.1N, 121.2E, h65km, 52km, M4.7/7, mb4.8/2, mb4.76, MLV4.87, Mw(MB)4.0/2
ISC 02 11:42:59.1, 0.8, 4.96N, 0.06, 127.75E, 0.08, h90km, 8km, h91km, pP-P, n43, 0.16/156, mb3.9/10, 1C-1D, Talaud

Main table for 2d 12h section with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations and their parameters.

2012 FEB

SJA 02 12:25:01.7, 0.5, 30.47S, 71.93W, h26km, 49km, ML3.1, MW3.8
GUC 02 12:25:03.9, 0.4, 30.47S, 71.35W, h61km, 8km, ML3.2
ISCB 02 12:25:04.1, 1.4, 30.38S, 0.04, 71.8W, 0.1, h33km, Error ellipse: s-maj=16.1km s-min=6.0km az=5.6

ISC 02 12:25:01.8, 1.7, 30.54S, 0.05, 71.7W, 0.1, h33km, n11, 0.147/16, 1C-1D, Near coast of central Chile

Table for SJA, GUC, ISCB section with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Tololo Astrono, Las Campanas, Leontico, El Roble, Copiap, Cerro Arco, Vinchina.

NIED 02 12:25:00.38, 40N, 141.80E, h68km, Mw3.8 Best double couple: M6.37000x1014 NP1:0.288, 0.0000, 0.65, 0.0000, 1.175, 0.0000, NP2:0.20, 0.0000, 0.85, 0.0000, 1.25, 0.0000, ISCJB 02 12:25:40.0, 0.7, 38.42N, 0.04, 141.84E, 0.08, h40km, 5km, mb3.7/11, Error ellipse: s-maj=11.0km s-min=5.1km az=23.1

IDC 02 12:25:40.9, 2.2, 38.40N, 141.81E, h59km, 22km, mb3.5/11, mb1.3/6.15, mb1mx3.4/8.5, mbtmp3.8/15, ML3.4/4, Error ellipse: s-maj=25.0km s-min=19.2km az=154.0
JMA 02 12:25:41.0, 38.43N, 141.83E, h57km, 1km, M3.8, JMA Felt II J1

ISC 02 12:25:40.4, 1.0, 38.41N, 141.80E, h51km, 7km, n34, 0.075/40, mb3.7/11, Near east coast of eastern Honshu

Main table for NIED, IDC, ISC section with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Ouri, Ofunato, Ichinoseki, Okura, Marumori, Ohasama, Kaneyama, Kawachi, Kakujo, Shiratake, Atsumi, Matsushiro, Matsushiro Arr, Hachi, Asahikawa, Usuriyaki Arr, Magadan, Songoing Array, WAKE ISLAND Hy, WAKE ISLAND Hy, WAKE ISLAND Hy, WAKE ISLAND Hy, WAKE ISLAND Hy, ZALV, MKAR, MKAR, KURBB, ILAR, RES, YKA, PFS, HDS, TXAR.

ISCB 02 12:28:51.5, 0.5, 7.44S, 129.21E, 0.09, h131km, mb3.9/6, Error ellipse: s-maj=12.5km s-min=6.1km az=174.7
IDC 02 12:28:54.2, 2.1, 7.49S, 129.22E, h143km, 22km, mb3.7/6, mb1.3/9.1, mb1mx3.5/7.0, mbtmp4.3/11, MS3.6/1, Ms1.3/9.1, ms1mx2.6/5.1, Error ellipse: s-maj=30.8km s-min=19.0km az=69.0

ISC 02 12:28:52.6, 0.7, 7.58S, 0.05, 129.3E, 0.1, h131km, n22, 0.157/25, mb3.9/6, Banda Sea

Table for ISCB, IDC, ISC section with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Baumata, Resolute Bay, YKA, PFS, HDS, TXAR.

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Table for RAMN, JIRN, GUN, PKI, KKN, DMN, KOLN, PYUN, SONM, MKAR, KURBB, TIXI. Includes station names, coordinates, and various parameters.

NIED 02 12:29:00.43, 30N, 147.00E, h41km, Mw4.2 Best double couple: M2.2200x1017 NP1:0.205, 0.0000, 0.83, 0.0000, 1.64, 0.0000, NP2:0.53, 0.0000, 0.69, 0.0000, 1.1, 0.0000, JMA 02 12:29:16.5, 0.2, 43.32N, 146.93E, h43km, 3km, M4.3, JMA Felt II J1

MOS 02 12:29:16.4, 1.1, 43.33N, 146.83E, h51km, mb4.7/24, Error ellipse: s-maj=10.0km s-min=6.3km az=111.1
MOS Felt (I) at Yuzhno-Kuril'sk
ISCB 02 12:29:17.0, 0.6, 43.33N, 146.90E, 0.05, h55km, 4km, mb4.4/36, MS3.4/5, Error ellipse: s-maj=7.6km s-min=4.9km az=145.2

IDC 02 12:29:17.1, 0.8, 43.32N, 146.80E, h40km, 5km, mb4.0/22, mb1.4/2.26, mb1mx3.9/9.0, mbtmp4.2/26, ML3.5/4, MS3.3/8, Ms1.3/3.8, ms1mx2.9/6.5, Error ellipse: s-maj=19.1km s-min=12.2km az=166.0

NEIC 02 12:29:17.0, 0.7, 43.34N, 146.91E, h47km, 6km, mb4.5/7, Error ellipse: s-maj=18.8km s-min=5.4km az=151.0
SKHL 02 12:29:17.4, 0.5, 43.38N, 146.98E, h55km, 5km, mb4.8/6, SKHL Felt (I) at Yuzhno-Kuril'sk
ISC 02 12:29:17.0, 0.7, 43.38N, 146.89E, 0.05, h39km, 5km, h40km, pP-P, n142, 0.152/166, mb4.4/37, MS3.4/5, 13C-17D, Kuril Islands

Main table for NIED, IDC, ISC section with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Shikotan, Nemuro 2, Yuzh-Kuril'sk, Tuman, Lagrunnoye, Golovninno, Rausu, Nakash, Akkeshi, Kuril'sk.

CNB	baz=24,SNR=146	23.60	219	P	P	13 39 50.4	+0.6
CMSA	baz=24,SNR=222	23.81	231	P	P	13 39 51.8	0.0
CAN	baz=24,SNR=269	23.82	219	eP	P	13 39 51.7	-0.2
CAN	Canberra	23.82	219	eP	P	13 39 52.3	+0.4
CAN	comp=Z,1um,1.1s			LR	LR		
BFZ	comp=Z,202um,22.0s	24.15	163	eP	P	13 39 53.9	-0.9
BFZ	Birch Farm			LR	LR		
SNZO	comp=Z,2um,1.4s	24.35	166	eP	P	13 39 55.8	-0.8
SNZO	South Karori			LR	LR		
THZ	comp=Z,131um,19.0s	24.43	170	eP	P	13 39 57.2	-0.2
THZ	Tophouse			LR	LR		
MILA	comp=Z,88um,20.0s	24.93	216	P	P	13 40 02.5	+0.4
MANU	Mila			LR	LR		
MANU	Manus Island	24.95	307	eP	P	13 40 02.4	+0.1
MANU	comp=Z,3um,1.3s			LR	LR		
KHZ	comp=Z,268um,20.0s	25.17	169	eP	P	13 40 02.6	-1.5
KHZ	Kahutara			LR	LR		
LTZ	comp=Z,182um,18.0s	25.32	171	eP	P	13 40 05.4	0.0
LTZ	Lake Taylor			LR	LR		
KNTN	comp=Z,125um,19.0s	25.50	57	eP	P	13 40 05.7	-1.6
KNTN	Kanton			LR	LR		
FOZ	comp=Z,149um,18.0s	25.80	176	eP	P	13 40 08.9	-0.8
FOZ	Fox Glacier			LR	LR		
OXZ	comp=Z,114um,20.0s	25.82	172	eP	P	13 40 10.2	+0.3
OXZ	Oxford			LR	LR		
PATS	comp=Z,110um,20.0s	25.96	340	P	P	13 40 12.9	+1.5
PATS	Pohnpei			LR	LR		
PATS	Pohnpei	25.96	340	eP	P	13 40 11.6	+0.2
RPZ	Rata Peaks	26.09	174	P	P	13 40 11.8	-0.5
RPZ	comp=Z,109nm,0.8s,ba=115,slow=6,SNR=26			LR	LR		
RPZ	Rata Peaks	26.09	174	eP	P	13 40 11.8	-0.5
RPZ	comp=Z,110um,21.0s			LR	LR		
CRLZ	Canterbury Las	26.15	171	eP	P	13 40 12.3	-0.6
CRLZ	comp=Z,2um,1.5s			LR	LR		
QIS	comp=Z,90um,20.0s	26.19	259	P	P	13 40 13.3	-0.3
QIS	Mount Isa			LR	LR		
MQZ	comp=Z,99nm,1.1s,ba=26,SNR=42	26.28	171	eP	P	13 40 13.4	-0.7
MQZ	McQueen's Vall			LR	LR		
MOZ	comp=Z,84um,19.0s			LR	LR		
KWAJ	Kwajalein Atol	26.39	1	eP	P	13 40 14.2	-1.1
KWAJ	Kwajalein Atol	26.39	1	eP	P	13 40 14.3	-1.1
KWAJ	comp=Z,2um,0.9s			LR	LR		
LBZ	comp=Z,135um,18.0s	26.67	175	eP	P	13 40 17.8	+0.1
LBZ	Lake Benor			LR	LR		
WKZ	comp=Z,115um,19.0s	27.04	177	eP	P	13 40 22.5	+1.5
WKZ	Wanaka			LR	LR		
WKZ	comp=Z,963nm,1.2s			MLR	MLR		
STKA	comp=Z,156um,18.0s	27.06	234	P	P	13 40 21.7	+0.4
STKA	Stephens Creek			LR	LR		
STKA	comp=Z,603nm,1.1s,ba=60,slow=9,SNR=267			PKPbc	PKPbc		
STKA	Stephens Creek	27.06	234	P	P	13 40 21.6	+0.4
STKA	comp=Z,8.0nm,0.8s,ba=247,slow=2.0,SNR=8.3			PKPbc	PKPbc		
STKA	Stephens Creek	27.06	234	eP	P	13 40 21.6	+0.3
STKA	Stephens Creek	27.06	234	eP	P	13 40 21.8	+0.4
STKA	comp=Z,297nm,1.2s			LR	LR		
ODZ	comp=Z,24um,21.0s	27.36	175	eP	P	13 40 24.0	+0.1
ODZ	Otahua Downs			LR	LR		
TOO	comp=Z,67um,18.0s	27.43	220	P	P	13 40 24.7	+0.1
TOO	Toooling			LR	LR		
MLZ	comp=Z,236nm,1.2s	27.54	179	eP	P	13 40 26.2	+0.7
MLZ	Mavora Lakes			LR	LR		
MLZ	comp=Z,842nm,1.3s			LR	LR		
DCZ	comp=Z,166um,21.0s	27.63	180	eP	P	13 40 26.1	-0.1
DCZ	Deep Cove			LR	LR		
DCZ	comp=Z,2um,1.5s			LR	LR		
WHZ	comp=Z,99um,22.0s	28.07	179	eP	P	13 40 29.4	-0.8
WHZ	Wether Hill Ro			LR	LR		
WHZ	comp=Z,1um,1.6s			LR	LR		
PYZ	comp=Z,106um,20.0s	28.34	181	eP	P	13 40 31.6	-0.9
PYZ	Puysegur Point			LR	LR		
PYZ	comp=Z,92um,22.0s	28.34	181	P	P	13 40 36.5	+4.0
PYZ	Puysegur Point			LR	LR		
APZ	comp=Z,29um,1.4s,comp=Z,218um	28.75	177	P	P	13 40 37.9	+1.7
APZ	Scrubby Hill			LR	LR		
APZ	comp=Z,324nm,1.0s	29.01	179	P	P	13 40 43.5	+5.0
APZ	The Paps			LR	LR		
ARPS	comp=Z,29um,1.4s,comp=Z,218um	29.29	225	P	P	13 40 41.3	+0.2
ARPS	Mount Arapiles			LR	LR		
MOO	comp=Z,29um,1.4s,comp=Z,218um	29.93	210	P	P	13 40 47.1	+0.4
MOO	Moorelands			LR	LR		
JAY	comp=Z,7.2nm,0.8s,ba=340,slow=0.3,SNR=7.7	30.07	297	P	P	13 40 48.1	-0.2
JAY	Jayapura			LR	LR		
TAU	comp=Z,3um,1.1s,comp=Z,120um	30.22	210	eP	P	13 40 49.4	+0.1
TAU	Tasmania Unit			LR	LR		
TAU	Tasmania Unit	30.22	210	eP	P	13 40 49.4	+0.1
TAU	comp=Z,250nm,1.0s			LR	LR		
GENI	comp=Z,103um,18.0s	30.48	297	P	P	13 40 52.5	+0.6
GENI	Gennyem			LR	LR		
WRAB	comp=Z,3um,1.4s,comp=Z,44um,comp=Z,218um	31.12	261	dP	P	13 40 56.0	-1.6
WRAB	Tennant Creek			PKPbc	PKPbc		
WRAB	comp=Z,712nm,1.2s			MLR	MLR		
WRAB	comp=Z,209um,21.0s	31.12	261	eP	P	13 40 55.0	-2.5
WRAB	Tennant Creek			LR	LR		
WRAB	comp=Z,324nm,1.0s			LR	LR		
WR1	comp=Z,192um,21.0s	31.13	261	eP	P	13 40 55.9	-1.7
WR1	Warramunga Arr			LR	LR		
WRA	comp=Z,350nm,0.9s	31.13	261	eP	P	13 40 55.9	-1.8
WRA	Warramunga Arr			LR	LR		
WRA	comp=Z,1.14nm,1.0s,ba=90,slow=8.9,SNR=100			PKIKP	PKIKP		
WRA	comp=Z,7.2nm,0.8s,ba=340,slow=0.3,SNR=7.7			PKIKP	PKIKP		
WRA	comp=Z,18nm,0.9s,ba=282,slow=3.0,SNR=32			PKIKP	PKIKP		
RAR	comp=Z,16nm,0.4s,ba=190,slow=18,SNR=3.7	31.31	102	eP	P	13 40 58.7	-0.5
RAR	Rarotonga			LR	LR		
RAR	comp=Z,1um,1.1s,comp=Z,17um			MLR	MLR		
RAR	comp=Z,443nm,1.4s			MLR	MLR		
RAR	comp=Z,74um,20.0s	31.31	102	eP	P	13 40 58.7	-0.5
RAR	Rarotonga			LR	LR		
RAR	comp=Z,443nm,1.4s			LR	LR		
AS01	comp=Z,74um,20.0s	31.59	254	eP	P	13 41 00.2	-1.4
AS01	Alice Springs			LR	LR		
AS31	comp=Z,3um,1.0s,comp=Z,14um	31.63	254	eP	P	13 41 00.3	-1.7
AS31	Alice Springs			LR	LR		
AS31	comp=Z,148nm,1.0s			LR	LR		
ASAR	comp=Z,3um,19.0s	31.63	254	P	P	13 41 00.6	-1.5
ASAR	Alice Springs			LR	LR		
ASAR	comp=Z,236nm,0.8s,ba=80,slow=8,SNR=246			PKIKP	PKIKP		
ASAR	comp=Z,8.0nm,1.0s,ba=117,slow=1.5,SNR=0			PKIKP	PKIKP		
ASAR	comp=Z,3.7nm,0.8s,ba=268,slow=4.6,SNR=16			PKIKP	PKIKP		

BBOO	Bucklebo	31.74	236	P	P	13 41 02.7	-0.1
BBOO	comp=Z,32,SNR=102			LR	LR		
BBOO	Bucklebo	31.74	236	eP	P	13 41 02.8	-0.1
BBOO	comp=Z,647nm,0.9s			LR	LR		
SMPI	comp=Z,133um,18.0s	32.04	296	P	P	13 41 07.3	+1.7
SMPI	Sarmi			LR	LR		
KDU	comp=Z,851nm,1.4s,comp=Z,22um	33.63	274	P	P	13 41 20.4	-0.9
KDU	Kakao			LR	LR		
MTN	comp=Z,34,SNR=8.4	35.08	273	P	P	13 41 31.6	-0.5
MTN	Manton Dam			LR	LR		
MTN	comp=Z,35,SNR=9.8	35.08	273	eP	P	13 41 31.0	-1.1
MTN	Manton Dam			LR	LR		
MTN	comp=Z,597nm,1.3s			LR	LR		
H1S2	comp=Z,139um,18.0s	36.02	359	P	P	13 41 40.9	+1.1
H1S2	WAKE ISLAND Hy			LR	LR		
H1S3	comp=Z,189,slow=6.8,SNR=27	36.02	359	P	P	13 41 40.9	+1.0
H1S3	WAKE ISLAND Hy			LR	LR		
H1S1	comp=Z,189,slow=6.8,SNR=31	36.02	359	P	P	13 41 42.2	+2.2
H1S1	WAKE ISLAND Hy			LR	LR		
RKPI	comp=Z,189,slow=6.8,SNR=21	36.21	293	P	P	13 41 42.7	+0.8
RKPI	Ransiki			LR	LR		
SAUI	comp=Z,189,slow=6.8,SNR=21	36.24	281	eP	P	13 41 41.7	-0.4
SAUI	Saumlaki			LR	LR		
SAUI	comp=Z,883nm,1.1s			LR	LR		
WAKE	comp=Z,107um,18.0s	36.81	359	eP	P	13 41 46.0	-0.7
WAKE	Wake Island			LR	LR		
WAKE	comp=Z,5um,1.3s			LR	LR		
KNRA	comp=Z,92um,20.0s	36.81	267	P	P	13 41 46.0	-0.9
KNRA	Kunurra			LR	LR		
WRKA	comp=Z,57,SNR=53	36.83	252	P	P	13 41 45.8	-1.3
WRKA	Warakuma			LR	LR		
MCQ	comp=Z,268,SNR=2.8	37.22	188	P	P	13 41 50.7	+0.8
MCQ	Macquarie Isla			LR	LR		
MCQ	comp=Z,37,SNR=4.2	37.22	188	eP	P	13 41 49.1	-0.8
MCQ	Macquarie Isla			MLR	MLR		
MCQ	comp=Z,2um,1.9s			MLR	MLR		
MCQ	comp=Z,52um,21.0s	37.22	188	eP	P	13 41 49.1	-0.8
MCQ	Macquarie Isla			LR	LR		
FAKI	comp=Z,52um,21.0s	37.29	289	P	P	13 41 50.1	-0.9
FAKI	Fak Fak			LR	LR		
FAKI	comp=Z,763nm,1.0s,comp=Z,20um,comp=Z,149um	37.29	289	eP	P	13 41 50.3	-0.7
FAKI	Fak Fak			LR	LR		
FAKI	comp=Z,776nm,1.0s			LR	LR		
FORT	comp=Z,113um,22.0s	37.76	242	P	P	13 41 54.5	-0.4
FORT	Forrest			LR	LR		
FORT	comp=Z,37,SNR=109	37.76	242	P	P	13 41 54.3	-0.5
FORT	Forrest			LR	LR		
FORT	comp=Z,8um,0.9s			LR	LR		
GUMO	comp=Z,1582um,22.0s	38.14	323	P	P	13 41 58.3	+0.2
GUMO	Guam			LR	LR		
GUMO	comp=Z,129nm,1.0s,ba=187,slow=6.0,SNR=6.8	38.14	323	eP	P	13 41 57.3	-0.8
GUMO	Guam			LR	LR		
GUMO	comp=Z,3um,1.8s	38.14	323	eP	P	13 41 58.3	+0.2
GUMO	Guam			LR	LR		
BNDI	comp=Z,160um,20.0s	38.77	285	P	P	13 42 13.1	+1.0
BNDI	Bandanaira			LR	LR		
SLJ	comp=Z,39.08	39.08	292	P	P	13 42 05.8	-0.3
SLJ	Sorong			LR	LR		
SWI	comp=Z,370nm,0.9s,ba=110,slow=7.8,SNR=26	39.09	292	P	P	13 42 06.2	0.0
SWI	Sorou			LR	LR		
FITZ	comp=Z,1um,0.9s,comp=Z,19um,comp=Z,139um	39.47	263	P	P	13 42 09.0	-0.4
FITZ	Fitzroy Crossi			LR	LR		
FITZ	comp=Z,555nm,1.0s,ba=102,slow=7.5,SNR=84			PKPbc	PKPbc		
FITZ	Fitzroy Crossi	39.47	263	P	P	13 42 09.0	-0.4
FITZ	comp=Z,2.4nm,0.8s,ba=278,slow=4.1,SNR=2.3			PKPbc	PKPbc		
XMAS	comp=Z,40,SNR=209	40.02					

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2d 13h	KKM Kota Kinabalu comp=Z,1µm,1.3s	55.59 291 eP	P	13 44 15.7 +0.9	ASAJ	comp=E,160nm,1.0s,baz=232,slow=13,SNR=20	PKP2bc	14 14 05.5	WHN	S	S	13 55 02.3 +4.0
	LUBP Lubang	55.89 301 eP	P	13 44 14.7 -2.0	ASAJ	comp=E,20nm,1.1s,baz=340,slow=3.5,SNR=5.6		13 45 24.1 +2.1	WHN	comp=Z,15µm,4.7s	S pmax	
	UGM Wanagama comp=Z,1µm,1.2s,comp=Z,1µm	55.92 272 P	P	13 44 18.6 +1.4	ASAJ	comp=E,375nm,1.0s	LR LR		WHN	comp=Z,116µm,17.7s	LR LR	
	UGM Wanagama comp=Z,1µm,1.1s	55.92 272 eP	P	13 44 17.6 +0.5	ASAJ	comp=Z,400nm,20.0s	LR LR		WHN	comp=Z,49µm,20.5s	LR LR	
	UGM		LR LR		SSE Sheshan	65.66 317	P S P	13 45 23.8 +0.8	WHN	comp=Z,125µm,18.8s	LR LR	
	SMRI Semarang comp=Z,753nm,1.6s,comp=Z,33µm,comp=Z,8µm	56.24 273 P	P	13 44 21.1 +1.7	SSE		S S	13 54 10.7 +3.4	SKLT Songkhla	70.21 285 P	P	13 45 52.7 +0.6
	SMRI Semarang comp=Z,745nm,1.0s	56.24 273 eP	P	13 44 18.4 -1.0	SSE		sP pmax	13 54 20.9 -0.5	PSI Prapat	70.25 280 eP	P	13 45 52.0 -0.5
	SMRI		ePcP		TJN Taejon	65.69 325 dEP	P	13 45 23.4 +0.3	PSI	comp=Z,604nm,1.0s	P	pmax
	PBKJ Pangkalan Bun comp=Z,670nm,1.3s,comp=Z,12µm,comp=Z,8µm	56.41 279 P	P	13 44 22.4 +1.8	MCO Taipa Grande	65.76 305 P	P	13 45 25.0 +1.2	PSI	comp=Z,50µm,21.0s	MLR	MLR
	CAUP Cauayan	56.42 305 eP	P	13 44 20.7 +0.2	KGM Kluang	65.86 281 P	P	13 45 25.2 +0.5	PSI Prapat	70.25 280 eP	P	13 45 52.0 -0.5
	JHJ Hachioji jima 2	56.93 333 P	P	13 44 24.9 +0.8	KRSR Korea Aray	66.19 327 P	P	13 45 26.6 +0.4	PSI	comp=Z,604nm,1.0s	LR	P
	BTM Bintulu	57.24 286 P	P	13 44 27.3 +0.9	KRSR	comp=Z,210nm,1.0s,baz=144,slow=6.9,SNR=50	PKP2bc	14 14 01.0	PSI	comp=Z,50µm,21.0s	LR LR	
	SCZP Santa Cruz	57.27 303 eP	P	13 44 25.6 -0.9	KS15 Wonju Array Si	66.20 327 eP	P	13 45 27.8 +1.4	SMY Shemya	70.44 4 eP	P	13 45 53.9 +1.3
	APYP Conner	57.40 306 eP	P	13 44 23.4 -4.1	KSAR Wonju Array Be	66.20 327 P	P	13 45 26.6 +0.3	SMY	comp=Z,1µm,0.9s	S pmax	
	KPJ Karang Pucung	57.60 273 P	P	13 44 29.1 +0.1	KSAR	66.20 327 P	P	13 45 26.6 +0.3	SMY	comp=Z,1µm,0.9s	eP	P
	ABRA Dolores	57.69 305 eP	P	13 44 29.5 0.0	KS01 Wonju Array Si	66.22 327 eP	P	13 45 27.7 +1.1	DL2 Dalian	70.67 324 P	P	13 45 54.7 +0.4
	SBUM Sibiu	57.74 285 P	P	13 44 30.7 +0.7	INCN Inchon	66.90 326 eP	P	13 45 32.6 +1.8	DL2	comp=Z,430nm,1.1s	S S	13 55 09.5 +2.8
	SBUM Sibiu	57.74 285 eP	P	13 44 30.6 +0.6	INCN	comp=Z,1µm,1.4s	LR LR		DL2	comp=Z,12µm,8.7s	S S	13 59 37.6 -1.8
	JOW Kunigami	58.23 319 P	P	13 44 33.9 +0.7	INCN	comp=Z,58µm,19.0s	P	13 45 31.3 +0.4	DL2	comp=Z,40µm,18.0s	S S	
	JOW Kunigami	58.23 319 eP	P	13 44 33.8 +0.7	QIZ Qiongzong	67.15 300 P	sP	13 45 34.1 +1.3	DL2	comp=Z,12µm,8.7s	S S	
	JOW		LR LR		QIZ	comp=Z,9µm,6.3s	pmax	13 45 45.2 +0.5	DL2	comp=Z,2µm,1.3s	pmax	
	CISI Cisomet Garu	58.60 272 eP	P	13 44 36.1 -0.1	QIZ	comp=Z,16µm,20.6s	LR LR		DL2	comp=Z,43µm,19.2s	LR LR	
	CISI Cisomet Garu	58.60 272 eP	P	13 44 36.1 -0.1	QIZ	comp=Z,28µm,20.6s	LR LR		DL2	comp=Z,43µm,19.2s	LR LR	
	CISI		ePcP		QIZ	comp=Z,57µm,39.2s	LR LR		CHBT CHBT	70.81 291 P	P	13 45 57.4 +1.7
	LEM Lemban	58.99 273 P	P	13 44 39.5 +0.5	QIZ	comp=Z,238nm,1.0s	LR LR		PET Petropavlovsk	70.87 355 kP	P	13 45 55.2 0.0
	KSM Kuching	59.14 283 P	P	13 44 40.2 +0.4	QIZ	comp=Z,32µm,22.0s	LR LR		PET	comp=Z,23µm,6.3s	e	13 45 30.6
	KSM Kuching	59.14 283 eP	P	13 44 40.1 +0.4	BKNI Bangkinang	67.44 278 eP	P	13 45 33.1 -1.7	PET	comp=Z,21µm,16.4s	e	13 55 08.4 -0.1
	VNDA Vanda	59.85 181 P	P	13 44 42.9 -0.9	BKNI	comp=Z,2µm,1.3s	LR LR		PET	comp=Z,593nm,0.9s	eSS	13 59 50.3 +8.4
	VNDA		PKP2bc		MIR Mirnyy	67.56 205 P	P	13 45 34.0 -0.6	PET	comp=Z,6µm,8.7s	pmax	
	VNDA		PKP2bc		MIR	comp=Z,860nm,1.5s	pmax	13 46 02.0	PET	comp=Z,9µm,7.7s	pmax	
	VNDA		PKP2bc		MIR	comp=N,35µm,17.0s	MLR		PET	comp=Z,34µm,19.0s	MLR	
	XMIS Christmas Isla	59.90 268 eP	P	13 44 45.6 +0.5	MIR	comp=E,49µm,17.0s	MLR		PET	comp=Z,28µm,18.0s	MLR	
	XMIS		LR LR		MIR	comp=Z,101µm,17.0s	MLR		PET	comp=Z,508nm,1.0s	MLR	
	INU Inuyama	60.07 332 eP	P	13 44 46.6 +0.9	NJ2 Nanjing	67.79 317 eP	P	13 45 36.7 +0.1	PET	comp=Z,104µm,22.0s	MLR	
	INU		LR LR		NJ2	comp=Z,12µm,3.9s	pP	13 45 44.6 -0.6	PET	comp=Z,28µm,18.0s	P	13 45 57.5 +2.4
	YOJ Yonaguni jima	60.13 313 PFAKE	LR	13 45 00.0 +1.4	NJ2	comp=Z,24µm,20.2s	pP	13 45 48.3 -0.1	PET	comp=Z,508nm,1.0s	P	
	YOJ		LR LR		NJ2	comp=Z,25µm,20.3s	pP	13 45 48.4 -0.1	MDJ Mudanjiang	70.90 333 eP	P	13 45 56.8 +1.2
	SBA Scott Base	60.13 180 eP	P	13 44 45.9 +0.3	NJ2	comp=Z,190nm,0.9s	pP	13 45 48.4 +5.3	MDJ	comp=Z,2µm,1.5s	ePcP	13 46 14.2 -1.8
	SBA		pmax		NJ2	comp=Z,12µm,3.9s	pP	13 58 52.4 -2.8	GSI Gunungsitoli	71.03 278 eP	P	13 45 57.7 +0.6
	SBA		MLR		NJ2	comp=Z,24µm,20.2s	pP		GSI	comp=Z,451nm,1.1s	LR LR	
	SBA		MLR		NJ2	comp=Z,25µm,20.3s	pP		GSI	comp=Z,451nm,1.1s	LR LR	
	SBA		LR LR		NJ2	comp=Z,25µm,20.3s	pP		PEA0B Petropavlovsk	71.04 354 eP	P	13 45 57.6 +1.3
	MJAR Matushiro Arr	60.54 333 P	P	13 44 47.6 -1.4	NJ2	comp=Z,87µm,21.7s	LR LR		PEA0B	comp=Z,2µm,1.5s	LR LR	
	MJAR		PKP2bc		NJ2	comp=Z,27µm,21.7s	LR LR		PETK Petropavlovsk	71.04 354 P	P	13 45 56.9 +0.6
	MJAR		PKP2bc		COCO West Island	67.85 264 eP	P	13 45 35.6 -1.8	PETK	comp=Z,125µm,22.0s	P	13 45 56.9 +0.6
	MAJO Matushiro	60.55 333 d/P	P	13 44 48.5 -0.5	COCO	comp=Z,2µm,1.4s	pmax		PETK	comp=Z,155nm,1.0s,baz=140,slow=5.6,SNR=71	P	13 45 53.7 +5.8
	MAJO		pmax		COCO	comp=Z,93µm,21.0s	MLR		PETK	comp=Z,11nm,1.1s,baz=256,slow=5.8,SNR=5.7	P	13 45 56.4 +0.1
	MAJO		pmax		COCO	comp=Z,2µm,1.4s	MLR		PETK	comp=Z,11nm,1.1s,baz=256,slow=5.8,SNR=5.7	P	13 45 56.4 +0.1
	MAJO		pmax		COCO	comp=Z,2µm,1.4s	MLR		PETK	comp=Z,11nm,1.1s,baz=256,slow=5.8,SNR=5.7	P	13 45 56.4 +0.1
	MAJO		pmax		COCO	comp=Z,2µm,1.4s	MLR		PETK	comp=Z,11nm,1.1s,baz=256,slow=5.8,SNR=5.7	P	13 45 56.4 +0.1
	MAJO		pmax		COCO	comp=Z,2µm,1.4s	MLR		PETK	comp=Z,11nm,1.1s,baz=256,slow=5.8,SNR=5.7	P	13 45 56.4 +0.1
	MAJO		pmax		COCO	comp=Z,2µm,1.4s	MLR		PETK	comp=Z,11nm,1.1s,baz=256,slow=5.8,SNR=5.7	P	13 45 56.4 +0.1
	MAJO		pmax		COCO	comp=Z,2µm,1.4s	MLR		PETK	comp=Z,11nm,1.1s,baz=256,slow=5.8,SNR=5.7	P	13 45 56.4 +0.1
	MAJO		pmax		COCO	comp=Z,2µm,1.4s	MLR		PETK	comp=Z,11nm,1.1s,baz=256,slow=5.8,SNR=5.7	P	13 45 56.4 +0.1
	MAJO		pmax		COCO	comp=Z,2µm,1.4s	MLR		PETK	comp=Z,11nm,1.1s,baz=256,slow=5.8,SNR=5.7	P	13 45 56.4 +0.1
	MAJO		pmax		COCO	comp=Z,2µm,1.4s	MLR		PETK	comp=Z,11nm,1.1s,baz=256,slow=5.8,SNR=5.7	P	13 45 56.4 +0.1
	MAJO		pmax		COCO	comp=Z,2µm,1.4s	MLR		PETK	comp=Z,11nm,1.1s,baz=256,slow=5.8,SNR=5.7	P	13 45 56.4 +0.1
	MAJO		pmax		COCO	comp=Z,2µm,1.4s	MLR		PETK	comp=Z,11nm,1.1s,baz=256,slow=5.8,SNR=5.7	P	13 45 56.4 +0.1
	MAJO		pmax		COCO	comp=Z,2µm,1.4s	MLR		PETK	comp=Z,11nm,1.1s,baz=256,slow=5.8,SNR=5.7	P	13 45 56.4 +0.1
	MAJO		pmax		COCO	comp=Z,2µm,1.4s	MLR		PETK	comp=Z,11nm,1.1s,baz=256,slow=5.8,SNR=5.7	P	13 45 56.4 +0.1
	MAJO		pmax		COCO	comp=Z,2µm,1.4s	MLR		PETK	comp=Z,11nm,1.1s,baz=256,slow=5.8,SNR=5.7	P	13 45 56.4 +0.1
	MAJO		pmax		COCO	comp=Z,2µm,1.4s	MLR		PETK	comp=Z,11nm,1.1s,baz=256,slow=5.8,SNR=5.7	P	13 45 56.4 +0.1
	MAJO		pmax		COCO	comp=Z,2µm,1.4s	MLR		PETK	comp=Z,11nm,1.1s,baz=256,slow=5.8,SNR=5.7	P	13 45 56.4 +0.1
	MAJO		pmax		COCO	comp=Z,2µm,1.4s	MLR		PETK	comp=Z,11nm,1.1s,baz=256,slow=5.8,SNR=5.7	P	13 45 56.4 +0.1
	MAJO		pmax		COCO	comp=Z,2µm,1.4s	MLR		PETK	comp=Z,11nm,1.1s,baz=256,slow=5.8,SNR=5.7	P	13 45 56.4 +0.1
	MAJO		pmax		COCO	comp=Z,2µm,1.4s	MLR		PETK	comp=Z,11nm,1.1s,baz=256,slow=5.8,SNR=5.7	P	13 45 56.4 +0.1
	MAJO		pmax		COCO	comp=Z,2µm,1.4s	MLR		PETK	comp=Z,11nm,1.1s,baz=256,slow=5.8,SNR=5.7	P	13 45 56.4 +0.1
	MAJO		pmax		COCO	comp=Z,2µm,1.4s	MLR		PETK	comp=Z,11nm,1.1s,baz=256,slow=5.8,SNR=5.7	P	13 45 56.4 +0.1
	MAJO		pmax		COCO	comp=Z,2µm,1.4s	MLR		PETK	comp=Z,11nm,1.1s,baz=256,slow=5.8,SNR=5.7	P	13 45 56.4 +0.1
	MAJO		pmax		COCO	comp=Z,2µm,1.4s	MLR		PETK	comp=Z,11nm,1.1s,baz=256,slow=5.8,SNR=5.7	P	13 45 56.4 +0.1
	MAJO		pmax		COCO	comp=Z,2µm,1.4s	MLR		PETK	comp=Z,11nm,1.1s,baz=256,slow=5.8,SNR=5.7	P	13 45 56.4 +0.1
	MAJO		pmax		COCO	comp=Z,2µm,1.4s	MLR		PETK	comp=Z,11nm,1.1s,baz=256,slow=5.8,SNR=5.7	P	13 45 56.4 +0.1
	MAJO		pmax		COCO	comp=Z,2µm,1.4s	MLR		PETK	comp=Z,11nm,1.1s,baz=256,slow=5.8,SNR=5.7	P	13 45 56.4 +0.1
	MAJO		pmax		COCO	comp=Z,2µm,1.4s	MLR		PETK	comp=Z,11nm,1.1s,baz=256,slow=5.8,SNR=5.7	P	13 45 56.4 +0.1
	MAJO		pmax		COCO	comp=Z,2µm,1.4s	MLR		PETK	comp=Z,11nm,1.1s,baz=256,slow=5.8,SNR=5.7	P	13 45 56.4 +0.1
	MAJO		pmax		COCO							

KLR	comp=Z,1.4nm,1.3s,baz=310,slow=1.0,SNR=8.3	PKPPKP P'P'df	14 13 51.8 +7.8
KLR	Kul'dur	P	13 46 12.7 +0.3
NKL	Nikolayevsk	P	13 46 16.0 +0.8
NKL		S	13 55 55.0 +8.1
NKL	comp=N,13nm,1.2s	pmax pmax	
NKL	comp=E,86nm,1.2s	pmax pmax	
NKL	comp=Z,45nm,1.2s	pmax pmax	
NKL	comp=N,7µm,13.0s	pmax pmax	
NKL	comp=E,4µm,13.0s	pmax pmax	
NKL	comp=Z,23µm,15.0s	pmax pmax	
SRDT	SRDT	74.31 291 P	13 46 18.2 +1.7
UTHA	Uthaitani	74.50 292 P	13 46 18.9 +1.3
BJT	Baijiatuu	74.56 322 eP	13 46 17.5 +0.1
BJT	Baijiatuu	74.56 322 eP	13 46 17.5 +0.1
BJI	Beijing	74.56 322 i/P	13 46 17.9 +0.4
BJI		pP	13 46 24.2 -1.9
BJI		S	13 55 53.7 +2.5
BJI	comp=Z,460nm,2.0s	pmax pmax	
BJI	comp=Z,2µm,6.4s	pmax pmax	
BJI	comp=Z,8µm,33.6s	LR LR	
BJI	comp=Z,7µm,31.3s	LR LR	
UNV	Unalaska Valle	74.81 16 eP	13 46 18.9 +0.3
UNV	comp=Z,153nm,0.8s	LR LR	
UNV	comp=Z,150µm,20.0s	LR LR	
AKUT	Akutan	75.26 16 eP	13 46 21.4 +0.3
AKUT	comp=Z,170nm,0.7s	LR LR	
TIY	Taiyuan	75.43 318 eP	13 46 24.0 +1.4
TIY		pP	13 46 28.0 -3.3
TIY		PP	13 49 13.3 +1.2
TIY		S	13 56 06.9 +5.7
TIY	comp=Z,300nm,1.2s	pmax pmax	
TIY	comp=Z,10µm,8.2s	LR LR	
TIY	comp=Z,65µm,18.1s	LR LR	
TIY	comp=Z,18µm,21.9s	LR LR	
TIY	comp=Z,53µm,21.5s	LR LR	
LAMP	Lampang	75.55 295 P	13 46 25.1 +1.5
LAMP	Xi'an	75.67 313 P	13 46 24.6 +0.5
XAN		pP	13 46 32.4 -0.4
XAN		PP	13 49 12.8 -1.4
XAN		S	13 56 06.6 +2.6
XAN		ScS	13 56 35.0 -1.4
XAN		SS	14 01 00.7 +4.5
XAN	comp=Z,290nm,1.5s	pmax pmax	
XAN	comp=Z,13µm,8.4s	LR LR	
XAN	comp=Z,56µm,20.1s	LR LR	
XAN	comp=Z,57µm,19.6s	LR LR	
KMI	Kunming	75.83 302 i/P	13 46 26.9 +1.5
KMI		pP	13 46 35.8 -1.5
KMI		SP	13 46 38.9 +1.0
KMI		PP	13 49 20.1 +4.2
KMI		S	13 56 10.2 +3.7
KMI		sS	13 56 21.7 +0.9
KMI	comp=Z,440nm,1.9s	pmax pmax	
KMI	comp=Z,12µm,7.0s	LR LR	
KMI	comp=Z,27µm,17.3s	LR LR	
KMI	comp=Z,33µm,19.1s	LR LR	
KMI	comp=Z,41µm,19.1s	LR LR	
CM01	Chiang Mai Arr	76.08 295 eP	13 46 28.8 +2.1
CM31	Chiang Mai Arr	76.11 295 eP	13 46 28.5 +1.6
CM31	Chiang Mai Arr	76.11 295 P	13 46 28.5 +1.6
CM31		S	13 56 17.0 +7.7
CMAR	Chiang Mai Arr	76.11 295 P	13 46 28.3 +1.4
CMAR	comp=Z,252nm,1.0s,baz=128,slow=3.8,SNR=5.5	PKPPKP P'P'df	14 13 37.9 -6.1
CMAR	Chiang Mai Arr	76.11 295 eP	13 46 28.2 +1.4
CMAR		pmax	
CMMT	Chiang Mai	76.25 295 P	13 46 28.5 +0.8
CMMT	comp=Z,995nm,1.2s,comp=Z,13µm	P	
CHTO	Chiang Mai	76.26 295 P	13 46 28.6 +0.9
CHTO	Chiang Mai	76.26 295 eP	13 46 28.9 +1.2
CHTO	Chiang Mai	76.26 295 eP	13 46 29.4 +1.7
CHTO	Chiang Mai	76.26 295 P	13 46 29.2 +1.5
RPN	Rapa Nui	76.48 114 PFAKE	13 46 40.0 +11
RPN	comp=Z,34µm,18.0s	LR LR	
FALS	False Pass	76.54 17 PFAKE	13 46 40.0 +12
FALS	comp=Z,186µm,22.0s	LR LR	
CMAI	Chiangmai2	76.63 296 P	13 46 30.9 +0.9
CMAI	comp=Z,4µm,1.0s,comp=Z,90µm	P	
CD2	Chengdu	77.79 308 P	13 46 36.3 +0.2
CD2		PP	13 49 32.0 -0.1
CD2		S	13 56 30.4 +3.2
CD2		SS	13 56 36.1 -2.1
CD2		SS	14 01 32.2 +3.9
CD2	comp=Z,22µm,8.3s	pmax pmax	
CD2	comp=Z,75µm,17.2s	LR LR	
SDPT	Sand Point	77.81 18 PFAKE	13 46 50.0 +14
SDPT	comp=Z,131µm,20.0s	LR LR	
HHC	Hu-ho-hao-te	77.83 320 eP	13 46 37.3 +1.1
HHC		pP	13 46 45.0 +0.1
HHC		PP	13 49 31.9 -0.4
HHC		S	13 56 28.7 +1.3
HHC		sS	13 56 37.4 -1.0
HHC	comp=Z,11µm,8.1s	LR LR	
HHC	comp=Z,46µm,18.2s	LR LR	
HHC	comp=Z,32µm,21.4s	LR LR	
HHC	comp=Z,62µm,22.9s	LR LR	
MA2	Magadan	78.21 352 P	13 46 38.5 +0.8
MA2	Magadan	78.21 352 eP	13 46 37.1 -0.6
ETO	Baotou	78.64 319 eP	13 46 40.9 +0.2
HIA	Hailar	78.86 331 i/P	13 46 41.4 -0.2
HIA	comp=Z,293nm,1.1s	pmax pmax	
HIA	Hailar	78.86 331 eP	13 46 40.8 -0.7
HIA	comp=Z,726nm,1.3s	LR LR	
HIA	comp=Z,42µm,20.0s	LR LR	
ZEA	Zeya	79.03 337 eP	13 46 43.3 +1.0
ZEA		ePPP	13 51 30.0
ZEA		eS	13 56 47.0 +7.6
ZEA		SS	14 01 44.0 -2.0
ZEA	comp=N,500nm,1.8s	pmax pmax	
ZEA	comp=Z,1µm,2.0s	pmax pmax	
ZEA	comp=E,5µm,13.0s	pmax pmax	

ZEA	comp=Z,20µm,13.0s	smax smax	
ZEA	comp=N,16µm,13.0s	smax smax	
MAW	comp=E,7µm,13.0s	79.07 202 P	13 46 44.1 +1.6
MAW	comp=E,178nm,1.0s,baz=142,slow=3.8,SNR=8.3	79.07 202 P	13 46 42.7 +0.2
MAW	MAWson	79.07 202 eP	13 46 41.1 -1.4
MAW	comp=Z,118nm,1.3s	MLR MLR	
MAW	comp=Z,6µm,20.0s	MLR MLR	
MAW	MAWson	79.07 202 eP	13 46 41.1 -1.4
MAW	comp=Z,118nm,1.3s	MLR MLR	
MAW	comp=Z,6µm,20.0s	LR LR	
PBA	Port Blair	79.07 286 eP	13 46 43.3 -0.2
CHGN	Chignik	79.24 19 PFAKE	13 47 00.0 +17
CHGN		LR LR	
DGPR	DIGLIPUR	79.44 288 eP	13 46 46.9 +1.5
DGPR	comp=Z,442nm,0.6s	IAmb IAmb	13 46 49.8
LZH	Lanzhou	80.29 313 i/P	13 46 55.1 +1.6
LZH		pP	13 46 59.3 +0.7
LZH		SP	13 47 02.5 +0.7
LZH		PP	13 49 57.1 +4.1
LZH		S	13 56 55.1 +1.2
LZH		SKS	13 57 03.0 -3.1
LZH		sS	13 57 09.0 +0.6
LZH		SS	14 02 10.0 +4.0
LZH	comp=Z,3µm,1.4s	pmax pmax	
LZH	comp=Z,15µm,5.9s	LR LR	
LZH	comp=Z,43µm,17.5s	LR LR	
LZH	comp=Z,34µm,16.6s	LR LR	
LZH	comp=Z,59µm,18.1s	LR LR	
PAF	Port-aux-Franc	81.16 221 eP	13 46 53.0 -1.2
PAF	comp=Z,584nm,1.0s	pmax pmax	
PAF	comp=Z,23µm,18.0s	MLR MLR	
PAF	Port-aux-Franc	81.16 221 eP	13 46 53.0 -1.2
PAF	comp=Z,584nm,1.0s	LR LR	
SEY	Seymchan	81.26 353 P	13 46 55.0 +0.9
SEY	comp=Z,131nm,0.9s,baz=158,slow=7.1,SNR=165	PKPPKP P'P'df	14 13 37.0 +7.0
SEY	comp=Z,5.3nm,1.0s,baz=320,slow=3.1,SNR=4.8	PKPPKP P'P'df	14 13 37.0 +7.0
SEY	Old Harbor	81.63 20 eP	13 46 57.4 +1.1
OHAK	comp=Z,54µm,19.0s	LR LR	
CLNS	Chul'man	82.28 338 eP	13 47 00.5 +0.7
CLNS		e	13 47 09.9
CLNS		e	13 50 08.1
CLNS		ePPP	13 51 56.1
CLNS		eS	13 57 10.9 -2.6
CLNS		eS	13 57 59.9
CLNS		eSS	14 02 29.7 -4.9
CLNS		SSS	14 05 52.9
CLNS	comp=Z,296nm,1.2s	pmax pmax	
CLNS	comp=E,51nm,1.2s	pmax pmax	
CLNS	comp=N,230nm,1.5s	pmax pmax	
CLNS	comp=Z,31nm,0.9s	pmax pmax	
CLNS	comp=E,29nm,1.0s	pmax pmax	
CLNS	comp=N,87nm,1.0s	pmax pmax	
CLNS	comp=N,7µm,11.8s	smax smax	
CLNS		smax smax	
KDAK	Kodiak Island	82.31 20 P	13 47 00.7 +0.9
KDAK	comp=E,289nm,1.0s,baz=144,slow=2.1,SNR=27	PKPPKP P'P'df	14 13 37.0 +7.0
KDAK	Kodiak Island	82.31 20 eP	13 47 01.5 +1.7
KDAK	comp=E,582nm,1.1s	LR LR	
KDAK	comp=Z,73µm,19.0s	LR LR	
GAMB	Gambell	82.91 9 eP	13 47 04.5 +1.8
GAMB	comp=Z,666nm,1.3s	LR LR	
GAMB	comp=Z,60µm,21.0s	LR LR	
CIT	Chita	83.63 330 eP	13 47 07.3 +0.4
CIT		e	13 47 15.8
CIT		e	13 47 23.6
CIT		pmax pmax	
SVW2	Sparrevohn	84.05 17 eP	13 47 09.8 +1.0
SVW2	comp=Z,992nm,3.2s	LR LR	
SVW2	comp=Z,2µm,1.7s	LR LR	
BRDH	Bariadhala	84.05 296 P	13 47 10.8 +1.2
BRDH	comp=Z,216nm,0.4s,baz=272,slow=9.5,SNR=23	PKPPKP P'P'df	14 13 37.0 +7.0
HOM	Homer	84.08 20 eP	13 47 09.9 +1.0
HOM	comp=Z,3µm,0.9s	LR LR	
HOM	comp=Z,48µm,19.0s	LR LR	
CNPM	China Poot	84.11 20 eP	13 47 09.7 +0.5
CNPM	comp=Z,1µm,1.0s	LR LR	
CNPM	comp=Z,58µm,19.0s	LR LR	
RSO	Redoubt South	84.37 19 eP	13 47 11.8 +1.2
RSO		ePcP	13 47 13.4 -0.9
BRLK	Bradley Lake	84.41 20 eP	13 47 11.4 +0.8
BRLK	comp=Z,724nm,1.0s	LR LR	
ULN	Ulaanbaatar	84.52 324 i/P	13 47 11.9 +0.2
ULN	comp=Z,71µm,19.0s	pmax pmax	
ULN	comp=Z,400nm,1.5s	MLR MLR	
ULN	comp=Z,37µm,18.0s	MLR MLR	
ULN	Ulaanbaatar	84.52 324 eP	13 47 12.5 +0.9
ULN	comp=Z,995nm,1.3s	LR LR	
ULN	comp=Z,42µm,20.0s	LR LR	
ULN	Ulaanbaatar	84.52 324 P	13 47 12.3 +0.6
GTA	Gaotai	84.69 314 i/P	13 47 13.2 +0.5
GTA		pP	13 47 17.9 +1.7
GTA		SP	13 47 21.2 -0.3
GTA		SKS	13 57 35.1 -3.7
GTA		S	13 57 42.0 +0.9
GTA		sS	13 57 50.8 +0.9
GTA	comp=Z,13µm,8.3s	pmax pmax	
GTA	comp=Z,44µm,17.3s	LR LR	
GTA	comp=Z,50µm,18.8s	LR LR	
GTA	comp=Z,56µm,20.2s	LR LR	
SONA	Songino Array	84.87 324 eP	13 47 13.5 +0.1
SONM	Songino Array	84.87 324 P	13 47 13.5 +0.1
SONM	comp=Z,116nm,1.2s,baz=145,slow=4.4,SNR=122	PKPPKP P'P'df	14 05 23.3 -0.5
SONM	comp=Z,6.6nm,0.9s,baz=261,slow=2.9,SNR=8.7	PKPPKP P'P'df	14 13 25.9 +0.5
SONM	comp=Z,5.6nm,1.1s,baz=228,slow=2.5,SNR=7.9	PKPPKP P'P'df	14 13 25.9 +0.5
SONA1	Songino Array	84.87 324 eP	13 47 14.1 +0.7
YAK	Yakutsk	84.88 343 P	13 47 13.2 +0.3
YAK	comp=Z,708nm,0.8s,baz=52,slow=0.4,SNR=129	PKPPKP P'P'df	14 13 27.4 +3.7
YAK	comp=Z,3.0nm,0.4s,baz=38,slow=2.6,SNR=6.7	PKPPKP P'P'df	14 13 27.4 +3.7
YAK	Yakutsk	84.88 343 i/P	13 47 13.2 +0.3
YAK		ePPP	13 47 25.1 +0.2
YAK		eS	13 50 35.0
YAK		e	13 57 36.7 -2.6
YAK		S	13 58 28.2
YAK	comp=Z,912nm,1.1s	pmax pmax	
YAK	comp=E,146nm,1.5s	pmax pmax	

YAK	comp=N,301nm,1.8s	pmax pmax	
YAK	comp=Z,3µm,5.0s	pmax pmax	
YAK	comp=E,264nm,1.0s	pmax pmax	
YAK	comp=N,394nm,2.5s	pmax pmax	
YAK	comp=N,4µm,6.2s	smax smax	
YAK	comp=E,2µm,4.6s	smax smax	
YAK	Yakutsk	84.88 343 eP	13 47 13.9 +1.0
YAK	comp=E,2µm,1.1s	LR LR	
SHL	Shillong	84.93 299 i/P	13 47 15.0 +0.7
SHL	comp=Z,696nm,1.2s	IAmb IAmb	13 47 20.1
SHL		eS	13 57 37.0 -4.8
SEW	Seward	85.14 20 eP	13 47 15.7 +1.5
SEW	comp=Z,404nm,1.2s	LR LR	
SEW	comp=Z,68µm,20.0s	LR LR	
SPU	Mount Spurr	85.15 19 eP	13 47 15.2 +0.9
SPU		ePcP	13 47 17.2 -0.3
BILL	Bilibino	85.55 360 i/P	13 47 16.4 +0.3
BILL		e	13 47 26.5
BILL		i	13 50 33.0
BILL		eS	13 57 43.2 -2.6
BILL		eSS	14 03 20.4 -1.9
BILL	comp=Z,136nm,1.4s	pmax pmax	
BILL	comp=Z,24µm,17.0s	MLR MLR	
MID	Middleton Isla	85.70 22 PFAKE	13 47 30.0 +13
MID		LR LR	
SUA	Susitna One	85.77 19 eP	13 47 17.5 -0.1
SUA	comp=Z,68µm,18.0s	LR LR	
SUA	comp=Z,1µm,1.7s	LR LR	
RC01	comp=Z,48µm,20.0s	LR LR	
RC01	Rabbi Creek A	85.79 19 eP	13 47 17.2 -0.3
RC01	comp=Z,462nm,1.3s	LR LR	
RC01	comp=Z,58µm,19.0s	LR LR	
RC01	Syowa Base	85.80 197 i/P	13 47 15.4 -2.2
RC01	Syowa Base	85.80 197 i/PcP	13 47 19.2 -1.2
RC01	Syowa Base	85.80 197 eSH	13 57 53.0 +4.5
RC01	MCCM Marconi Center	85.91 48 eP	13 47 20.0 +1.4
RC01	MCCM	LR LR	
KCPM	comp		

TUL1 Leonard	105.76	57	Pdiff	Pdif	13 48 50.3 +0.8	E33A Westby DABS, E	107.29	46	Pdiff	Pdif	13 48 54.8 -1.3	K37A Belmont	108.48	50	Pdiff	Pdif	13 49 01.3 -0.2
TUL1 Leonard	105.76	57	PFAKE	LR	13 53 10.0	HHAR Hobbs	107.30	57	PFAKE	LR	13 53 20.0	Q39A Willow Grove F	108.48	54	Pdiff	Pdif	13 49 02.2 -0.4
O341 comp=Z,32um,18.0s	105.82	52	Pdiff	Pdif	13 48 50.4 +0.6	MIAR Mount Ida	107.30	59	Pdiff	Pdif	13 48 56.6 +0.2	W41B Gary Mavity, V	108.48	58	Pdiff	Pdif	13 49 02.4 +0.7
X37A Clayton	105.85	58	Pdiff	Pdif	13 48 50.6 +0.6	MIAR Mount Ida	107.30	59	PFAKE	LR	13 53 20.0	H36A Jessenland, He	108.50	48	Pdiff	Pdif	13 49 01.5 0.0
X37A Clayton	105.85	58	PFAKE	LR	13 53 10.0	MIAR Mount Ida	107.30	59	PFAKE	LR	13 53 20.0	N38A Joes South For	108.52	52	Pdiff	Pdif	13 49 01.4 -0.3
R35A Emporia Municipi	105.88	54	Pdiff	Pdif	13 48 50.3 +0.3	LCO Las Campanas	107.31	329	PFAKE	LR	13 53 20.0	544A White Castle	108.55	64	Pdiff	Pdif	13 49 02.7 +0.6
U36A Oologah	105.90	56	Pdiff	Pdif	13 48 50.8 +0.7	LCO Las Campanas	107.31	329	PFAKE	LR	13 53 20.0	T40A Mansfield	108.56	56	Pdiff	Pdif	13 49 02.1 0.0
NATX Nacogdoches	105.90	61	Pdiff	Pdif	13 48 51.5 +1.3	K35A Storm Lake	107.31	50	Pdiff	Pdif	13 48 55.7 -0.6	243A Waterproof	108.58	62	Pdiff	Pdif	13 49 03.6 +1.5
NATX Nacogdoches	105.90	61	PFAKE	LR	13 53 10.0	Q37A Longview Farm,	107.32	54	Pdiff	Pdif	13 48 56.6 +0.1	J37A Redenvis Farm,	108.61	49	Pdiff	Pdif	13 49 01.3 -0.8
T36A Boggs Farm, Ca	105.90	56	Pdiff	Pdif	13 48 50.5 +0.3	542A Morse	107.37	63	Pdiff	Pdif	13 48 57.3 +0.5	M38A Pleasantville	108.64	51	Pdiff	Pdif	13 49 02.2 0.0
I32A Karley and Nic	105.91	48	Pdiff	Pdif	13 48 49.8 -0.2	G34A Benson	107.38	47	Pdiff	Pdif	13 48 56.0 -0.6	S40A Lebanon	108.64	56	Pdiff	Pdif	13 49 02.5 +0.1
W37B Quinton	105.91	58	Pdiff	Pdif	13 48 51.0 +0.7	241A M Tay, Goldon	107.40	61	Pdiff	Pdif	13 48 58.0 +1.1	Y42A Michael Star	108.65	60	Pdiff	Pdif	13 49 03.7 +1.2
W37B Quinton	105.91	58	PFAKE	LR	13 53 10.0	J35A Milford	107.42	49	Pdiff	Pdif	13 48 56.2 -0.6	V41A Mountainview	108.65	57	Pdiff	Pdif	13 49 02.3 -0.1
H32A Carlson Farm,	106.00	48	Pdiff	Pdif	13 48 50.0 -0.5	M36A Felix, Anita	107.44	51	Pdiff	Pdif	13 48 56.4 -0.5	CCAR Cane Creek	108.67	59	PFAKE	LR	13 53 20.0
K33A Hardington	106.00	50	Pdiff	Pdif	13 48 50.0 -0.5	Y40A Okolona	107.45	59	Pdiff	Pdif	13 48 57.6 +0.5	OCAR OCAR	108.67	59	PFAKE	LR	13 53 20.0
E31A Nome	106.01	46	Pdiff	Pdif	13 48 50.3 -0.2	D33A AnnSam, Wauburn	107.48	45	Pdiff	Pdif	13 48 56.8 -0.2	SCIA State Center	108.68	51	Pdiff	Pdif	13 49 02.9 +0.5
DZA Taraz	106.08	310	i Pdif	Pdif	13 48 48.9 -2.0	P37A Lathrop	107.51	53	Pdiff	Pdif	13 48 56.5 -0.7	SCIA State Center	108.68	51	PFAKE	LR	13 53 20.0
DZA comp=Z,145nm,0.7s			ePKiKP	PKIKP	13 53 01.1 -1.7	141A Papa Simpson,	107.52	61	Pdiff	Pdif	13 48 58.6 +1.2	D35A Remer	108.69	45	Pdiff	Pdif	13 49 02.1 -0.2
DZA comp=Z,284nm,1.2s			i PP	PP	13 53 12.4 -2.6	WLAR White Oak Lake	107.53	60	PFAKE	LR	13 53 20.0	G36A St. Michael	108.70	47	Pdiff	Pdif	13 49 02.6 +0.2
DZA comp=Z,6um,17.6s			i PP	PP	14 39 21.4	WLAR White Oak Lake	107.53	60	PFAKE	LR	13 53 20.0	P39B Salisbury	108.71	54	Pdiff	Pdif	13 49 02.5 -0.1
G32A Webster	106.08	47	Pdiff	Pdif	13 48 50.9 +0.1	S38A Stockton	107.55	55	Pdiff	Pdif	13 48 57.7 +0.2	143A Socs Landing,	108.71	61	Pdiff	Pdif	13 49 04.4 +1.4
N34A Lincoln	106.08	52	Pdiff	Pdif	13 48 51.6 +0.7	442A Mamou	107.58	63	Pdiff	Pdif	13 48 58.8 +1.1	I37A Lemond, Waseca	108.81	49	Pdiff	Pdif	13 49 03.7 +0.7
Q35A Mercer Eighty,	106.09	54	Pdiff	Pdif	13 48 51.6 +0.6	C33A Trail	107.61	45	Pdiff	Pdif	13 48 56.8 -0.7	C35A Jirik Farms, M	108.81	45	Pdiff	Pdif	13 49 02.9 +0.1
M34A Aspy Farms, Fr	106.13	51	Pdiff	Pdif	13 48 51.6 +0.5	AGMN Agassiz Nation	107.62	44	Pdiff	Pdif	13 48 56.9 -0.6	X42A Stuttgart	108.89	59	Pdiff	Pdif	13 49 04.2 +0.8
J33A Davis	106.15	49	Pdiff	Pdif	13 48 50.6 -0.5	AGMN Agassiz Nation	107.62	44	PFAKE	LR	13 53 20.0	L38A Oak Wood Farm,	108.90	51	Pdiff	Pdif	13 49 03.0 -0.4
D31A Mccaffin, Tow	106.20	45	Pdiff	Pdif	13 48 50.4 -0.9	R36A Fernick Farm,	107.63	55	Pdiff	Pdif	13 48 58.1 +0.3	645A Chauvin	108.92	64	Pdiff	Pdif	13 49 07.0 +3.2
P35A Duane Minner,	106.22	53	Pdiff	Pdif	13 48 52.1 +0.5	I35A Creekview Farm	107.65	49	Pdiff	Pdif	13 48 57.9 +0.1	U41A Viola	108.92	57	Pdiff	Pdif	13 49 03.9 +0.3
S36A Lake Cedric, C	106.24	55	Pdiff	Pdif	13 48 51.5 -0.2	U39A Green Forest	107.68	57	Pdiff	Pdif	13 48 57.3 -0.5	R40A Madeline Statio	108.92	55	Pdiff	Pdif	13 49 03.8 +0.3
V37A Hulbert	106.28	57	Pdiff	Pdif	13 48 51.9 +0.1	F34A Alexandria	107.71	47	Pdiff	Pdif	13 48 58.0 -0.2	F36A Milaca	108.93	47	Pdiff	Pdif	13 49 02.8 -0.6
C31A Landman Farms,	106.31	44	Pdiff	Pdif	13 48 51.7 0.0	Z41A Richard Creek	107.72	60	Pdiff	Pdif	13 48 57.5 -0.6	O39A Kirkville	108.97	53	Pdiff	Pdif	13 49 03.8 +0.1
X38A Whitesboro	106.31	58	Pdiff	Pdif	13 48 52.8 +0.8	O37A Wolfen Farm, M	107.75	53	Pdiff	Pdif	13 48 59.0 -0.3	Z43A Armstrong Fami	109.00	60	Pdiff	Pdif	13 49 04.7 +0.7
L34A Svendsen Farm,	106.36	51	Pdiff	Pdif	13 48 52.0 -0.1	342A Flagon Creek P	107.79	62	Pdiff	Pdif	13 48 59.2 +0.9	444A Pine Grove	109.01	63	Pdiff	Pdif	13 49 05.4 +1.3
I33A Coleman	106.38	48	Pdiff	Pdif	13 48 51.8 -0.4	N37A Lee Faris, Mou	107.79	52	Pdiff	Pdif	13 48 59.9 +1.3	B35A Bob, Littlefor	109.04	44	Pdiff	Pdif	13 49 03.8 -0.1
U37A Salina	106.39	56	Pdiff	Pdif	13 48 52.9 +0.5	B33A Robert and Kas	107.80	44	Pdiff	Pdif	13 48 58.7 +0.2	MSEY Mahe Island	109.07	258	PFAKE	LR	13 53 20.0
KBL Kabul	106.40	302	PFAKE	LR	13 53 20.0	TRQA Torquist	107.81	141	PFAKE	LR	13 53 20.0	MSEY Mahe Island	109.07	258	PFAKE	LR	13 53 20.0
R36A Gordon, Harris	106.42	54	Pdiff	Pdif	13 48 52.9 +0.5	W40A Ferguson Farm,	107.82	58	Pdiff	Pdif	13 48 58.5 +0.2	W40B Bald Knob	109.08	58	Pdiff	Pdif	13 49 04.7 +0.4
Q35A Humboldt	106.43	52	Pdiff	Pdif	13 48 53.3 +0.9	W40A Ferguson Farm,	107.82	58	PFAKE	LR	13 53 20.0	N39A Derby Farms, D	109.09	52	Pdiff	Pdif	13 49 04.2 -0.1
F32A Veblen	106.43	46	Pdiff	Pdif	13 48 51.9 -0.4	W40A Ferguson Farm,	107.82	58	PFAKE	LR	13 53 20.0	RES Resolute Bay	109.09	16	Pdiff	Pdif	13 49 04.3 +0.9
B31A Greenbush Farm	106.45	44	Pdiff	Pdif	13 48 52.2 -0.1	ULM Lac du Bonnet	107.84	42	Pdiff	Pdif	13 48 59.2 +0.5	RES Resolute Bay	109.09	16	Pdiff	Pdif	13 49 04.3 +0.9
ECSD EROS Data Cent	106.47	49	Pdiff	Pdif	13 48 52.3 -0.2	ULM Lac du Bonnet	107.84	42	Pdiff	Pdif	13 48 59.2 +0.5	RES Resolute Bay	109.09	16	Pdiff	Pdif	13 49 04.3 +0.9
ECSD EROS Data Cent	106.47	49	PFAKE	LR	13 53 20.0	ULM Lac du Bonnet	107.84	42	Pdiff	Pdif	13 48 59.2 +0.5	RES Resolute Bay	109.09	16	Pdiff	Pdif	13 49 04.3 +0.9
H33A Prehn Over Nor	106.52	48	Pdiff	Pdif	13 48 52.8 0.0	ULM Lac du Bonnet	107.84	42	Pdiff	Pdif	13 48 59.2 +0.5	RES Resolute Bay	109.09	16	Pdiff	Pdif	13 49 04.3 +0.9
Q36A Arnold C. Orve	106.56	54	Pdiff	Pdif	13 48 53.8 +0.8	E34A Wade	107.87	46	Pdiff	Pdif	13 48 59.3 +0.8	RES Resolute Bay	109.09	16	Pdiff	Pdif	13 49 04.3 +0.9
E32A Graeten, Kindr	106.58	46	Pdiff	Pdif	13 48 52.3 -0.6	T39A Clever	107.87	56	Pdiff	Pdif	13 48 59.3 +0.8	RES Resolute Bay	109.09	16	Pdiff	Pdif	13 49 04.3 +0.9
W38A Poteau	106.63	58	Pdiff	Pdif	13 48 53.9 +0.5	K36A Gilmore City	107.87	50	Pdiff	Pdif	13 53 04.2 -1.6	RES Resolute Bay	109.09	16	Pdiff	Pdif	13 49 04.3 +0.9
T37A Cheneyville 18	106.67	56	Pdiff	Pdif	13 48 54.4 +0.8	ULM comp=Z,6.9nm,0.9s,baz=264,slow=3.7,SNR=6.1	PKIKP	PKIKP	13 53 04.2 -1.6	RES Resolute Bay	109.09	16	Pdiff	Pdif	13 49 04.3 +0.9		
K34A Le Mars	106.68	50	Pdiff	Pdif	13 48 53.4 -0.1	ULM comp=Z,3.4nm,0.7s,baz=51,slow=4.9,SNR=4.6	PKIKP	PKIKP	14 04 30.5 -1.5	RES Resolute Bay	109.09	16	Pdiff	Pdif	13 49 04.3 +0.9		
D32A Dogwood Acres,	106.69	45	Pdiff	Pdif	13 48 52.7 -0.7	ULM Lac du Bonnet	107.84	42	Pdiff	Pdif	13 48 59.3 +0.8	RES Resolute Bay	109.09	16	Pdiff	Pdif	13 49 04.3 +0.9
240A Hunter Patters	106.70	61	Pdiff	Pdif	13 48 54.6 +0.8	ULM Lac du Bonnet	107.84	42	Pdiff	Pdif	13 48 59.3 +0.8	RES Resolute Bay	109.09	16	Pdiff	Pdif	13 49 04.3 +0.9
KKAR Karatay Array	106.70	311	PFAKE	LR	13 53 20.0	ULM Lac du Bonnet	107.84	42	Pdiff	Pdif	13 48 59.3 +0.8	RES Resolute Bay	109.09	16	Pdiff	Pdif	13 49 04.3 +0.9
KKAR Karatay Array	106.70	311	PFAKE	LR	13 53 20.0	ULM Lac du Bonnet	107.84	42	Pdiff	Pdif	13 48 59.3 +0.8	RES Resolute Bay	109.09	16	Pdiff	Pdif	13 49 04.3 +0.9
N35A Tabor	106.73	52	Pdiff	Pdif	13 48 54.6 +0.9	E34A Wade	107.87	46	Pdiff	Pdif	13 48 59.3 +0.8	RES Resolute Bay	109.09	16	Pdiff	Pdif	13 49 04.3 +0.9
M35A Neola	106.78	51	Pdiff	Pdif	13 48 54.0 0.0	T39A Clever	107.87	56	Pdiff	Pdif	13 48 59.3 +0.8	RES Resolute Bay	109.09	16	Pdiff	Pdif	13 49 04.3 +0.9
G33A Ortonville	106.81	47	Pdiff	Pdif	13 48 53.7 -0.3	K36A Gilmore City	107.87	50	Pdiff	Pdif	13 48 58.8 -0.1	RES Resolute Bay	109.09	16	Pdiff	Pdif	13 49 04.3 +0.9
A31A Linda, St. Vin	106.83	43	Pdiff	Pdif	13 48 53.9 -0.1	H35A Sunnyside Ranc	107.87	48	Pdiff	Pdif	13 48 58.6 -0.2	RES Resolute Bay	109.09	16	Pdiff	Pdif	13 49 04.3 +0.9
S37A Fort Scott	106.85	55	Pdiff	Pdif	13 48 54.9 +0.6	X40A Basin Creek Fa	107.90	59	Pdiff	Pdif	13 48 59.0 +0.2	RES Resolute Bay	109.09	16	Pdiff	Pdif	13 49 04.3 +0.9
V38A Canehill	106.86	57	Pdiff	Pdif	13 48 54.8 +0.4	D34A Park Rapids	107.92	45	Pdiff	Pdif	13 48 59.0 -0.1	RES Resolute Bay	109.09	16	Pdiff	Pdif	13 49 04.3 +0.9
P36A Good Intent, A	106.86	53	Pdiff	Pdif	13 48 55.1 +0.7	543A St. Martinville	107.95	63	Pdiff	Pdif	13 48 58.1 -0.8	RES Resolute Bay	109.09	16	Pdiff	Pdif	13 49 04.3 +0.9
X39A Fountain Ranch	106.86	59	Pdiff	Pdif	13 48 55.8 +1.3	Q38A Cooks Store, C	107.97	54	Pdiff	Pdif	13 49 02.1 +2.7	RES Resolute Bay	109.09	16	Pdiff	Pdif	13 49 04.3 +0.9
J34A George	106.87	49	Pdiff	Pdif	13 48 54.2 -0.2	Y41A Eaglette Beard	107.98	59	Pdiff	Pdif	13 49 02.0 +2.7	RES Resolute Bay	109.09	16	Pdiff	Pdif	13 49 04.3 +0.9
IUG luzhny	106.91	310	i Pdif	Pdif													

JTS	baz=262	109.97	85	PKIKP	PKIKP	13 53	11.9	+1.0
145A	comp=Z,3.0nm,0.3s, baz=267,slow=2.1,SNR=4.7	110.00	61	Pdiff	Pdiff	13 49	09.2	+0.8
542A	baz=264	110.01	56	Pdiff	Pdiff	13 49	07.7	-0.7
C37A	baz=263	110.02	45	Pdiff	Pdiff	13 49	07.7	-0.6
G38A	baz=265	110.02	48	Pdiff	Pdiff	13 49	07.9	-0.4
P41A	baz=263	110.03	54	Pdiff	Pdiff	13 49	08.1	-0.3
R42A	baz=263	110.07	55	Pdiff	Pdiff	13 49	08.3	-0.3
F38A	baz=263	110.08	47	Pdiff	Pdiff	13 49	09.0	+0.5
X44A	baz=265	110.09	59	Pdiff	Pdiff	13 49	09.2	+0.4
I39A	baz=264	110.14	49	Pdiff	Pdiff	13 49	08.1	-0.7
U43A	baz=262	110.14	57	Pdiff	Pdiff	13 49	08.9	-0.1
PBMO	comp=Z,28um,19.0s	110.18	51	Pdiff	Pdiff	13 49	09.0	0.0
L40A	baz=264	110.19	63	Pdiff	Pdiff	13 49	10.8	+1.5
466A	baz=261	110.20	62	Pdiff	Pdiff	13 49	10.7	+1.3
346A	baz=261	110.22	53	Pdiff	Pdiff	13 49	09.5	+0.2
O41A	baz=264	110.23	110	PFAKE	LR	13 53	20.0	
NNA	comp=Z,23um,22.0s	110.29	124	PFAKE	LR	13 53	20.0	
PB10	comp=Z,16um,19.0s	110.30	50	Pdiff	Pdiff	13 49	09.4	-0.2
K40A	baz=264	110.31	60	Pdiff	Pdiff	13 49	10.6	+0.8
Z45A	baz=262	110.31	52	Pdiff	Pdiff	13 49	10.1	+0.5
N41A	baz=263	110.32	56	Pdiff	Pdiff	13 49	10.4	+0.6
S43A	baz=263	110.33	55	PFAKE	LR	13 53	20.0	
FVM	comp=Z,42um,19.0s	110.35	58	PFAKE	LR	13 53	20.0	
MET	comp=Z,26um,19.0s	110.35	54	Pdiff	Pdiff	13 49	10.1	+0.2
Q2A	baz=263	110.36	46	Pdiff	Pdiff	13 49	09.2	-0.6
E38A	baz=265	110.39	48	Pdiff	Pdiff	13 49	09.1	-0.8
H39A	baz=265	110.39	48	Pdiff	Pdiff	13 49	09.1	-0.8
W44A	baz=262	110.45	58	Pdiff	Pdiff	13 49	10.9	+0.5
V44A	baz=262	110.48	58	Pdiff	Pdiff	13 49	10.5	0.0
EYMN	baz=266	110.50	45	Pdiff	Pdiff	13 49	09.5	-0.8
EYMN	baz=266	110.50	45	PFAKE	LR	13 53	20.0	
Y45A	comp=Z,56um,18.0s	110.50	60	Pdiff	Pdiff	13 49	11.7	+1.0
G39A	baz=262	110.52	48	Pdiff	Pdiff	13 49	10.2	-0.3
S43A	baz=263	110.55	56	Pdiff	Pdiff	13 49	10.8	0.0
SLM	comp=Z,34um,18.0s	110.55	55	PFAKE	LR	13 53	20.0	
P42A	baz=264	110.57	54	Pdiff	Pdiff	13 49	11.4	+0.5
246A	baz=261	110.58	62	Pdiff	Pdiff	13 49	12.4	+1.4
ABPO	comp=Z,46um,21.0s	110.61	241	PFAKE	LR	13 53	20.0	
M41A	baz=264	110.61	52	Pdiff	Pdiff	13 49	09.9	-1.1
C38A	baz=266	110.63	45	Pdiff	Pdiff	13 49	10.4	-0.5
J40A	baz=266	110.66	50	Pdiff	Pdiff	13 49	10.0	-1.2
HDC	baz=265	110.69	86	PFAKE	LR	13 53	20.0	
OXF	comp=Z,32um,18.0s	110.70	59	Pdiff	Pdiff	13 49	11.8	+0.3
OXF	baz=262	110.70	59	PFAKE	LR	13 53	20.0	
X45A	comp=Z,39um,18.0s	110.70	59	Pdiff	Pdiff	13 49	11.7	+0.1
ATAH	baz=262	110.71	105	PKKPbc	PKKPbc	14 04	10.2	-0.6
L41A	comp=Z,1.7nm,0.3s, baz=55,slow=3.5,SNR=1.8	110.72	51	Pdiff	Pdiff	13 49	11.3	-0.2
146A	baz=264	110.73	61	Pdiff	Pdiff	13 49	12.0	+0.3
U44A	baz=262	110.73	57	Pdiff	Pdiff	13 49	11.8	+0.1
F39A	baz=263	110.74	47	Pdiff	Pdiff	13 49	10.6	-0.9
R43A	baz=266	110.75	55	Pdiff	Pdiff	13 49	11.8	+0.1
I40A	baz=263	110.79	49	Pdiff	Pdiff	13 49	11.4	-0.3
447A	baz=264	110.80	63	Pdiff	Pdiff	13 49	13.2	+1.2
O42A	baz=261	110.84	53	Pdiff	Pdiff	13 49	12.0	0.0
OPO	comp=Z,9.1nm,1.1s, baz=296,slow=3.2,SNR=3.3	110.85	242	PKIKP	PKIKP	13 53	13.2	+0.5
PB01	comp=Z,3.2nm,1.0s, baz=290,slow=3.2,SNR=3.3	110.88	56	Pdiff	Pdiff	13 49	12.4	+0.1
T44A	baz=263	110.90	61	Pdiff	Pdiff	13 49	13.5	+1.1
Z46A	baz=262	110.91	50	Pdiff	Pdiff	13 49	11.9	-0.4
K41A	baz=262	110.91	50	Pdiff	Pdiff	13 49	11.9	-0.4
N42A	baz=265	110.94	52	Pdiff	Pdiff	13 49	12.6	+0.1
W45A	baz=264	110.96	59	Pdiff	Pdiff	13 49	13.3	+0.6
JFWS	baz=265	110.98	50	Pdiff	Pdiff	13 49	12.6	0.0
JFWS	baz=265	110.98	50	PFAKE	LR	13 53	20.0	
U44B	comp=Z,61um,19.0s	110.98	57	Pdiff	Pdiff	13 49	13.6	+0.8
347A	baz=263	110.98	63	Pdiff	Pdiff	13 49	14.3	+1.4
Q43A	baz=262	111.00	54	Pdiff	Pdiff	13 49	12.9	+0.1
H40A	baz=264	111.02	48	Pdiff	Pdiff	13 49	13.1	+0.4
247A	baz=262	111.02	62	Pdiff	Pdiff	13 49	12.3	-0.7
E39A	baz=262	111.03	46	Pdiff	Pdiff	13 49	13.2	+0.5
Y46A	baz=266	111.07	60	Pdiff	Pdiff	13 49	13.7	+0.5
J41A	baz=262	111.19	50	Pdiff	Pdiff	13 49	12.9	-0.6
G40A	baz=265	111.20	48	Pdiff	Pdiff	13 49	13.9	+0.4
M42A	baz=265	111.21	52	Pdiff	Pdiff	13 49	13.6	-0.1
PB04	baz=265	111.21	123	PFAKE	LR	13 53	30.0	
P43A	comp=Z,11um,18.0s	111.21	54	Pdiff	Pdiff	13 49	14.0	+0.3
S44A	baz=264	111.21	56	Pdiff	Pdiff	13 49	13.7	-0.1
V45A	baz=263	111.22	58	Pdiff	Pdiff	13 49	14.8	+0.9
SIUC	baz=263	111.24	56	PFAKE	LR	13 53	20.0	

SIUC	comp=Z,30um,21.0s	111.30	47	Pdiff	Pdiff	13 49	13.8	-0.2
F40A	baz=266	111.33	51	Pdiff	Pdiff	13 49	14.0	-0.1
L42A	baz=265	111.34	49	Pdiff	Pdiff	13 49	14.2	0.0
I41A	baz=266	111.38	59	Pdiff	Pdiff	13 49	15.3	+0.7
X46A	baz=266	111.39	61	Pdiff	Pdiff	13 49	15.7	+1.0
147A	baz=262	111.41	45	Pdiff	Pdiff	13 49	13.6	-0.8
C39A	baz=265	111.41	93	eP	PS	14 03	27.3	+0.6
M4P	baz=267	111.41	55	Pdiff	Pdiff	13 49	14.4	-0.2
R44A	baz=264	111.44	53	Pdiff	Pdiff	13 49	14.8	+0.2
O43A	baz=264	111.45	57	Pdiff	Pdiff	13 49	15.7	+0.9
U45A	baz=263	111.47	53	Pdiff	Pdiff	13 49	14.7	-0.2
HDIL	baz=265	111.47	53	PFAKE	LR	13 53	30.0	
HDIL	comp=Z,49um,18.0s	111.48	46	Pdiff	Pdiff	13 49	15.2	+0.4
E40A	baz=264	111.49	63	Pdiff	Pdiff	13 49	16.6	+1.5
448A	baz=262	111.53	63	Pdiff	Pdiff	13 49	15.9	+0.7
348A	baz=262	111.53	55	Pdiff	Pdiff	13 49	15.4	+0.3
Q44A	baz=264	111.54	48	Pdiff	Pdiff	13 49	15.3	+0.2
H41A	baz=266	111.60	52	Pdiff	Pdiff	13 49	15.6	+0.2
N43A	baz=265	111.62	59	Pdiff	Pdiff	13 49	15.0	-0.6
W46A	baz=263	111.62	57	Pdiff	Pdiff	13 49	15.9	+0.3
T45A	baz=264	111.63	50	Pdiff	Pdiff	13 49	15.7	+0.2
K42A	baz=266	111.63	61	Pdiff	Pdiff	13 49	16.5	+0.8
Z47A	baz=264	111.74	56	Pdiff	Pdiff	13 49	16.8	+0.7
S45A	baz=264	111.76	62	Pdiff	Pdiff	13 49	15.9	-0.4
248A	baz=262	111.76	62	Pdiff	Pdiff	13 49	16.6	+0.4
M43A	baz=265	111.81	52	Pdiff	Pdiff	13 49	16.7	+0.3
J42A	baz=266	111.85	59	PFAKE	LR	13 53	30.0	
PLAL	comp=Z,41um,18.0s	111.89	54	Pdiff	Pdiff	13 49	17.5	+0.8
P44A	baz=263	111.90	60	Pdiff	Pdiff	13 49	16.8	-0.1
Y47A	baz=263	111.91	58	Pdiff	Pdiff	13 49	17.5	+0.7
V46A	baz=263	111.91	48	Pdiff	Pdiff	13 49	17.1	+0.4
G41A	baz=267	111.92	57	Pdiff	Pdiff	13 49	17.3	+0.4
U46A	baz=264	111.97	59	Pdiff	Pdiff	13 49	17.1	+0.7
X47A	baz=263	111.97	61	Pdiff	Pdiff	13 49	18.1	+0.9
148A	baz=262	111.97	61	Pdiff	Pdiff	13 53	30.0	
COWI	baz=262	111.99	47	PFAKE	LR	13 53	30.0	
COWI	comp=Z,56um,22.0s	112.00	47	Pdiff	Pdiff	13 49	17.6	+0.6
F41A	baz=267	112.02	63	Pdiff	Pdiff	13 49	17.1	-0.4
449A	baz=262	112.02	49	Pdiff	Pdiff	13 49	16.8	-0.4
I42A	baz=266	112.03	51	Pdiff	Pdiff	13 49	17.9	+0.7
L43A	baz=264	112.04	55	Pdiff	Pdiff	13 49	18.1	+0.6
R45A	baz=264	112.07	53	Pdiff	Pdiff	13 49	17.9	+0.4
O44A	baz=265	112.08	61	Pdiff	Pdiff	13 49	17.5	-0.2
Z48A	baz=263	112.12	63	Pdiff	Pdiff	13 49	19.1	+1.2
349A	baz=262	112.13	46	Pdiff	Pdiff	13 49	16.9	-0.7
E41A	baz=267	112.17	58	Pdiff	Pdiff	13 49	19.2	+1.1
W47A	baz=264	112.17	58	PFAKE	LR	13 53	30.0	
W47A	comp=Z,48um,18.0s	112.19	55	Pdiff	Pdiff	13 49	18.0	-0.1
Q45A	baz=265	112.21	63	Pdiff	Pdiff	13 49	18.8	+0.5
BRAL	baz=264	112.22	57	Pdiff	Pdiff	13 49	19.4	+1.1
T46A	baz=264	112.22	55	PFAKE	LR	13 53	30.0	
OLIL	comp=Z,40um,18.0s	112.26	62	Pdiff	Pdiff	13 49	18.3	-0.2
249A	baz=262	112.27	59	Pdiff	Pdiff	13 49	18.8	+0.3
W47A	baz=264	112.33	49	Pdiff				

AKTO	comp=Z,8.7nm,0.7s,baz=235,slow=3.8,SNR=11	PKKPbc	PKKPbc	14 03 53.2	-1.5
AAM	Ann Arbor 115.80 51	Pdfff	Pdfff	13 49 34.0	-0.1
AAM	Ann Arbor 115.80 51	PFAKE	LR	13 53 30.0	+8.8
PCON	Cinco Dias 115.84 96	eP	PS	14 04 06.5	-2.1
LPAZ	La Paz 115.87 119	eP	PKPbc	13 53 23.7	+0.9
LPZ	comp=Z,13nm,1.1s,baz=219,slow=1.6,SNR=16	ePKPbc	PKPbc	13 53 22.0	-0.9
LPZ	La Paz 115.87 119	ePKPbc	PKPbc	13 53 22.0	-0.9
UOSS	Minazif 115.90 290	ePKPbc	PKPbc	13 53 21.1	-0.8
UOSS	Minazif 115.90 290	ePKPbc	PKPbc	13 53 20.8	-1.1
HATD	Hatta, Dubai 115.95 289	iP	PKPbc	13 53 21.2	+0.8
ASHO	Lake Jocassee SNR=7.1	ePKPbc	PKPbc	13 53 23.6	+1.6
BG3	Lake Jocassee 116.05 59	ePKPbc	PKPbc	13 53 23.1	-0.6
ALNE	AI Ain 116.18 289	iP	PKPbc	13 53 23.2	+0.8
FLOC	Florenzia 116.31 97	eP	PS	14 04 13.2	+1.4
YOTO	Yotoco, Valle 116.41 94	eP	PKPbc	13 53 20.7	-2.7
MARIP	Paez Belalcaza 116.42 96	eP	PKPbc	14 04 13.9	+0.5
HODGE	Hodges 116.55 60	ePKPbc	LR	13 53 22.6	-0.3
KMCS	comp=Z,32um,20.0s	ePKPbc	PKPbc	13 53 25.5	+2.2
DMSP	Disney Mountain 116.68 67	ePKPbc	PKPbc	13 49 41.5	+0.3
KMCS	Kings Mountain 117.37 59	ePKPbc	PKPbc	13 53 23.6	-0.8
JSC	Jenkinsville 117.38 60	ePKPbc	PKPbc	13 53 23.8	-0.6
JSC	Jenkinsville 117.38 60	ePKPbc	PKPbc	13 53 23.8	-0.6
RREF	El Recreo 117.63 84	eP	PKPbc	13 53 26.0	-0.3
GUYC	Guyana, Colomb 117.68 93	eP	PKPbc	13 53 24.3	-1.4
PRAC	Prado 117.71 95	ePKPbc	LR	14 04 18.5	-6.0
PRAC	Prado 117.71 95	eP	PS	14 04 23.2	-3.1
HELC	Santa Helena 117.83 92	ePKPbc	PKPbc	13 53 23.3	-1.0
SPAO	Spitsbergen Ar 117.91 353	ePKPbc	PKPbc	13 53 24.1	-0.2
SPAO	Spitsbergen Ar 117.91 353	ePKPbc	PKPbc	13 53 27.2	
SPITS	Spitsbergen Ar 117.91 353	PKP	PKPbc	13 53 23.3	-1.0
BLA	Blacksburg 118.19 57	ePKPbc	PKPbc	13 53 25.2	-0.8
BLA	Blacksburg 118.19 57	ePKPbc	PKPbc	13 53 25.2	-0.8
NHSC	New Hope 118.21 62	ePKPbc	PKPbc	13 53 28.8	+2.7
CSU	comp=Z,34um,18.0s	ePKPbc	PKPbc	13 53 28.4	+2.2
KULLO	Kullorsuaq 118.29 62	ePKPbc	PKPbc	13 53 24.6	-0.5
KULLO	Kullorsuaq 118.31 12	iPKPbc	PKPbc	13 53 24.6	-0.5
KULLO	Kullorsuaq 118.31 12	iP	PKPbc	13 54 35.5	
ALLY	Aleshyng Colle 118.42 52	ePKPbc	PKPbc	13 53 27.7	+1.4
CPUP	Villa Florida 118.44 134	PKP	PKPbc	13 53 26.2	-0.6
CPUP	comp=Z,11nm,0.8s,baz=276,slow=1.8,SNR=15	PP	PP	13 54 42.5	-0.3
CPUP	comp=Z,39nm,1.3s,baz=249,slow=7.7,SNR=4.0	PKPbc	PKPbc	14 03 44.0	-0.3
ERPA	Erie 118.53 51	ePKPbc	PKPbc	13 53 27.4	+0.9
ERPA	comp=Z,41um,19.0s	ePKPbc	PKPbc	13 49 47.5	+1.2
N54A	Moraine State 118.55 53	Pdfff	Pdfff	13 53 25.6	-1.0
N54A	Moraine State 118.55 53	ePKPbc	PKPbc	13 53 28.0	+0.1
ROSC	El Rosal 118.59 94	PKP	PKPbc	14 03 37.1	-6.7
ROSC	comp=Z,10nm,0.3s,baz=254,slow=1.6,SNR=5.2	PKPbc	PKPbc	13 53 28.0	+0.1
ROSC	El Rosal 118.59 94	ePKPbc	PKPbc	13 53 29.1	+1.2
ROSC	comp=Z,9um,19.0s	ePKPbc	PKPbc	13 53 25.3	-2.5
ROSC	El Rosal 118.59 94	ePKPbc	PKPbc	13 53 25.3	-2.5
MCWV	Mont Chateau 118.67 54	ePKPbc	PKPbc	13 49 47.6	+0.2
M54A	Oil Creek Stat 118.78 52	Pdfff	Pdfff	13 53 25.3	-1.7
M54A	Oil Creek Stat 118.78 52	ePKPbc	PKPbc	13 53 25.3	-1.7
ZARC	Zaragoza, Cauc 118.84 91	eP	PKPbc	13 53 25.4	-2.5
PTBC	PUERTO BERRIO 118.95 92	eP	PKPbc	13 53 24.7	-3.4
SADO	Sadowa 119.03 48	PKPbc	PKPbc	13 53 25.2	-2.1
SADO	Sadowa 119.03 48	ePKPbc	PKPbc	13 53 27.3	-1.5
CHIC	Chingaza 119.08 95	eP	SP	14 04 29.8	-4.2
CHIC	Chingaza 119.08 95	eP	SP	13 49 51.3	+0.1
O56A	Blue Knob Stat 119.65 53	Pdfff	Pdfff	13 53 40.0	+1.1
O56A	Blue Knob Stat 119.65 53	PFAKE	LR	13 53 40.0	+1.1
MMNY	Mt. Morris Dam 120.04 51	ePKPbc	PKPbc	13 53 30.4	+1.1
IP04	Greensprings 120.05 56	ePKPbc	PKPbc	13 53 28.8	-0.7
RUSC	La Rusia 120.07 93	ePKPbc	PKPbc	13 53 29.0	-1.9
RUSC	La Rusia 120.07 93	eP	PKPbc	13 53 30.0	-0.9
RUSC	La Rusia 120.07 93	eP	SP	14 04 41.1	-1.9
IP07	Quail 120.10 56	ePKPbc	PKPbc	13 53 29.7	+0.1
IP03	Louisa 120.11 56	ePKPbc	PKPbc	13 53 28.4	-1.1
IP06	Yanceyville 120.14 56	ePKPbc	PKPbc	13 53 28.8	-0.7
SSPA	Standing Stone 120.15 53	ePKPbc	PKPbc	13 53 28.5	-1.1
BARC	Barichara 120.18 93	eP	PKPbc	13 53 30.7	-0.1
CNNC	Cliffs of the 120.19 59	PFAKE	LR	13 53 40.0	+1.0
IP01	Cuckoo 120.19 56	ePKPbc	PKPbc	13 53 29.0	-0.8
SPRD	Spring Road, M 120.22 56	ePKPbc	PKPbc	13 53 28.9	-0.9
JWRJ	J. Sargeant Re 120.22 56	ePKPbc	PKPbc	13 53 29.6	-0.2
GIRC	Giron, Santand 120.31 92	eP	PKPbc	13 53 29.3	-1.5
IP05	Hopewell Churc 120.31 92	ePKPbc	PKPbc	13 53 29.3	-0.6
PTRD	Partlow Road 120.42 56	ePKPbc	PKPbc	13 53 31.1	+0.9
CBN	Corbin Frederi 120.61 56	ePKPbc	PKPbc	13 53 32.2	+1.7
SUR	Sutherland 120.66 213	PKKPbc	PKKPbc	14 03 36.2	-0.4
SUR	Sutherland 120.66 213	ePKPbc	PKPbc	13 53 31.7	+0.5
DAG	Danmarks Havn 120.88 2	iPKPbc	PKPbc	13 53 28.4	-1.6
DAG	Danmarks Havn 120.88 2	iP	PKPbc	13 53 28.4	-1.6
DAG	Danmarks Havn 120.88 2	iP	PKPbc	13 53 28.4	-1.6
DAG	Danmarks Havn 120.88 2	iP	PKPbc	13 53 28.4	-1.6
SDMD	Soldier's Deli 121.00 54	ePKPbc	PKPbc	13 53 31.2	-0.1

BOSA	Boshof 121.01 219	PKP	PKPbc	13 53 32.1	+0.3
BOSA	comp=Z,36nm,1.0s,baz=98,slow=2.6,SNR=21	PKPbc	PKPbc	14 03 34.6	-0.5
BOSA	comp=Z,20nm,0.9s,baz=326,slow=3.5,SNR=10	PKPbc	PKPbc	13 53 31.8	-0.1
PAGS	Pennsylvania G 121.06 53	ePKPbc	PKPbc	13 53 30.1	-1.3
MVL	Millersville 121.35 54	ePKPbc	PKPbc	13 53 31.2	-0.7
BINV	Binghamton 121.50 51	ePKPbc	PKPbc	13 53 31.7	-0.5
LVZ	comp=Z,40um,20.0s	ePKPbc	PKPbc	13 53 31.3	-0.3
LVZ	Lovozero 121.62 341	ePKPbc	PKPbc	13 53 31.3	-0.3
LVZ	comp=Z,55um,22.0s	ePKPbc	PKPbc	13 53 31.3	-0.3
N59A	State Game Lan 121.75 53	Pdfff	PKPbc	13 50 01.4	+0.8
N59A	State Game Lan 121.75 53	ePKPbc	PKPbc	13 53 32.0	-0.7
SIV	comp=Z,48um,18.0s	PKP	PKPbc	13 53 32.8	-0.8
SIV	San Ignacio 121.82 122	PKP	PKPbc	13 53 32.8	-0.8
SIV	comp=Z,24nm,1.1s,baz=249,slow=2.4,SNR=23	PKPbc	PKPbc	14 03 33.4	-0.1
PSUB	Penn St - Bra 122.05 54	ePKPbc	PKPbc	13 53 33.7	+0.5
TRQ	Mont Tremblant 122.10 46	ePKPbc	PKPbc	13 53 33.8	+0.6
APA	Apaitiy 122.20 341	iPKPbc	PKPbc	13 53 31.6	-1.1
APA	APA	iP	PKPbc	13 50 37.0	
APA	APA	iP	PKPbc	14 00 34.0	
APA	APA	iP	PKPbc	14 06 25.0	+8.2
APA	APA	iP	PKPbc	14 11 41.0	-4.1
LONY	Lake Ozonia 122.28 48	ePKPbc	PKPbc	13 53 32.5	-1.1
LONY	comp=Z,54um,20.0s	ePKPbc	PKPbc	13 53 50.0	+1.7
KEV	Kevo 122.61 345	PFAKE	LR	13 53 34.6	+0.3
ODNJ	Ogdensburg 122.62 52	ePKPbc	PKPbc	13 53 33.5	-0.8
NCB	Flat Rock 122.96 48	ePKPbc	PKPbc	13 53 33.7	-1.2
ACCN	Adirondack Com 123.08 49	ePKPbc	PKPbc	13 53 35.4	+0.3
CCNY	Central Park 123.12 53	ePKPbc	PKPbc	13 53 35.8	+0.6
ARAO	ARCESS Array S 123.14 345	ePKPbc	PKPbc	13 53 34.4	-0.2
ARAO	ARCESS Array B 123.14 345	ePKPbc	PKPbc	13 53 34.4	-0.2
ARAO	ARCESS Array S 123.14 345	ePKPbc	PKPbc	13 53 34.4	-0.2
ARAO	ARCESS Array B 123.14 345	ePKPbc	PKPbc	13 53 34.4	-0.2
ARAO	ARCESS Array S 123.14 345	ePKPbc	PKPbc	13 53 36.0	+1.5
ARAO	ARCESS Array B 123.14 345	ePKPbc	PKPbc	13 53 37.4	
PAL	Palisades 123.14 52	ePKPbc	PKPbc	13 53 34.7	-0.6
PAL	Palisades 123.14 52	ePKPbc	PKPbc	13 53 34.7	-0.6
TRY	Troy 123.16 50	ePKPbc	PKPbc	13 53 36.5	+1.2
SUMG	Summit 123.22 9	ePKPbc	PKPbc	13 53 35.1	0.0
SUMG	Summit 123.22 9	ePKPbc	PKPbc	13 53 35.5	+0.5
SUMG	Summit 123.22 9	ePKPbc	PKPbc	13 55 12.7	
SUMG	Summit 123.22 9	ePKPbc	PKPbc	13 53 35.1	0.0
SDV	Santo Domingo 123.24 91	PKP	PKPbc	13 53 35.6	-0.9
SDV	comp=Z,51nm,0.8s,baz=251,slow=3.3,SNR=26	PKPbc	PKPbc	14 03 26.4	-0.2
SDV	comp=Z,7.9nm,1.0s,baz=69,slow=3.8,SNR=4.2	SKKPbc	SKKPbc	14 07 14.7	+0.8
SDV	comp=Z,6.1nm,0.9s,baz=340,slow=6.3,SNR=2.5	SKKPbc	SKKPbc	13 53 35.3	-1.2
SDV	Santo Domingo 123.24 91	PKP	PKPbc	14 05 01.0	-1.0
SDV	Santo Domingo 123.24 91	PKP	PKPbc	13 53 33.9	-1.1
SDV	Santo Domingo 123.24 91	PKP	PKPbc	14 05 15.7	+7.4
KLMR	Klimovskoe 123.32 332	ePKPbc	PKPbc	13 53 34.0	-1.1
KLMR	comp=Z,259nm,1.3s	ePKPbc	PKPbc	13 53 49.5	
KLMR	comp=Z,8um,20.0s	MLR	MLR	13 55 01.8	-1.4
KLMR	Klimovskoe 123.32 332	ePKPbc	PKPbc	14 05 23.2	-0.5
KLMR	Klimovskoe 123.32 332	ePKPbc	PKPbc	14 04 56.2	-1.7
KLMR	Klimovskoe 123.32 332	ePKPbc	PKPbc	14 04 56.2	-1.7
KLMR	Klimovskoe 123.32 332	ePKPbc	PKPbc	14 05 15.7	+7.4
KLMR	Klimovskoe 123.32 332	ePKPbc	PKPbc	14 07 31.1	+1.1
KLMR	Klimovskoe 123.32 332	ePKPbc	PKPbc	14 11 49.2	-1.1
KLMR	Klimovskoe 123.32 332	ePKPbc	PKPbc	14 16 11.5	
KLMR	Klimovskoe 123.32 332	ePKPbc	PKPbc	14 16 11.5	
KLMR	Klimovskoe 123.32 332	ePKPbc	PKPbc	14 23 48.0	
KLMR	Klimovskoe 123.32 332	ePKPbc	PKPbc	14 23 48.0	
KLMR	Klimovskoe 123.32 332	ePKPbc	PKPbc	14 32 25.7	
KLMR	Klimovskoe 123.32 332	ePKPbc	PKPbc	14 48 27.6	
LBTB	Lobate 123.37 222	PKKPbc	PKKPbc	14 03 24.3	-1.6
LBTB	comp=Z,15nm,1.0s,baz=304,slow=5.3,SNR=7.2	SKKPbc	SKKPbc	14 07 10.8	-1.9
LBTB	comp=Z,5.5nm,1.0s,baz=319,slow=3.7,SNR=3.1	SKKPbc	SKKPbc	13 53 35.9	-0.6
LBTB	Lobate 123.37 222	ePKPbc	PKPbc	13 53 35.9	-0.6
ILULI	Ilulissat 123.36 15	iPKPbc	PKPbc	13 53 34.0	-0.9
ILULI	Ilulissat 123.36 15	iP	PKPbc	13 53 34.0	-0.9
ILULI	Ilulissat 123.36 15	PFAKE	LR	13 53 50.0	+1.5
MAK	Makhachkala 123.52 310	eP	Pdfff	13 50 02.9	-5.4
MAK	MAK	ePPP	PPP	13 55 23.3	
MAK	MAK	ePPP	PPP	13 57 55.9	
MAK	MAK	eSSS	SSS	14 00 39.1	
MAK	MAK	eSSS	SSS	14 16 39.8	
MAK	MAK	eSSS	SSS	14 16 39.8	
VT1	Waterbury 123.62 48	ePKPbc	PKPbc	13 53 35.3	-0.9
SAML	Samuel 123.63 114	PFAKE	LR	13 53 50.0	+1.3
SAML	Samuel 123.63 114	PFAKE	LR	13 53 50.0	+1.3
YLE	Yale 123.85 52	ePKPbc	PKPbc	13 53 37.9	+1.3
YLE	Yale 123.85 52	ePKPbc	PKPbc	13 53 37.9	+1.3
HNH	Hanover 124.04 49	ePKPbc	PKPbc	13 53 37.0	0.0
LBNH	Libon 124.17 51	ePKPbc	PKPbc	13 53 36.5	-0.6
LBNH	Libon 124.22 48	ePKPbc	PKPbc	13 53 36.7	-0.6
LBNH	Libon 124.22 48	ePKPbc	PKPbc	13 53 36.7	-0.6
LBNH	Libon 124.22 48	ePKPbc	PKPbc	13 53 36.7	-0.6
LBNH	Libon 124.22 48	ePKPbc	PKPbc	13 53 36.7	-0.6
SDDR	Presas de Saban 124.72 79	ePKPbc	PKPbc	13 53 38.0	-1.0
GROC	Groznyy 124.72 311	iPKPbc	PKPbc	13 53 36.4	-1.9
GROC	Groznyy 124.72 311	ePKPbc	PKPbc	13 53 36.4	-1.9
GROC	Groznyy 124.72 311	ePKPbc	PKPbc	13 53 36.4	-1.9
HRV	Adam Dziewonski 124.73 50	ePKPbc	PKPbc	1	

2d 13h

Table with columns for station name, frequency, power, and other technical details. Includes stations like LSZ Lusaka, FIA1 FINESS Array S, MPR Mayaguez, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like NACGM Naroch, SEUS St. Eustatius, GRGR Grenville, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like ILGA ligaz, BEYL Brut, BR10 Keskin Array S, etc.

EDMD	Edmundbyers	142.06 350	eP	PKPpre	13 54 57.7
EDMD		IAMS_20	IAMS_20		14 59 09.8
comp=Z.42um,21.2s					
GMK	Mull of Kintyre	142.07 353	eP	PKPpre	13 54 05.5
XOR	Xorichiti	142.09 312	ePKPpre	PKPpre	13 54 06.3
XOR	Xorichiti	142.09 312	ePKPpre	PKPpre	13 54 06.3
KHC	Kasperske Hory	142.11 332	ePKHKP	PKPpre	13 54 05.1
KHC			eSS		13 54 09.7
KHC			eSS	SS	13 57 20.1
KHC			MLR	MLR	14 15 50.7 +2.8
comp=Z.59um,23.0s					
KHC	Kasperske Hory	142.11 332	ePKPpre	PKPpre	13 54 05.1
KHC			ePKPpdf	PKPpdf	13 54 09.7 -1.0
KHC			ePP	PP	13 57 20.1 +3.9
KHC			eSKP		13 57 50.1
KHC			SS	SS	14 09 39.8
KHC			eSS	X	14 15 50.7 +2.8
KHC			AMS	AMS	14 56 40.0
comp=Z.59um,23.0s					
KHC	Kasperske Hory	142.11 332	PFake	LR	13 54 20.0 +9.3
KHC			LR	LR	
comp=Z.20um,22.0s					
SKO	Skojpe	142.12 317	ePKIPK	PKPpre	13 54 06.7
SKO	Skojpe	142.12 317	ePKPpre	PKPpre	13 54 06.7
SKO	Skojpe	142.12 317	ePKP	PKPpre	13 54 06.7
SKO	Skojpe	142.12 317	ePKP	PKPpre	13 54 06.9
PTL	Penteli	142.13 310	P	PKPpre	13 54 06.9
PTL	Penteli	142.13 310	P	PKPpre	13 54 06.9
VLY	Voula, Athens	142.25 310	ePKPpre	PKPpre	13 54 05.9
VLY	Voula, Athens	142.25 310	P	PKPpre	13 54 05.2
FYTO	Fytoko, Volos	142.25 312	ePKPpre	PKPpre	13 54 06.1
FYTO	Fytoko, Volos	142.25 312	P	PKPpre	13 54 06.1
GE2C	GERESS Array S	142.26 331	ePKIPK	PKPpre	13 54 07.9
GE2C	GERESS Array S	142.26 331	ePKPpre	PKPpre	13 54 07.9
GE2C			PKPpre	PKPpre	
comp=Z.71um,22.0s					
GERES	GERESS Array B	142.26 331	PKHKP	PKPpre	13 54 06.1
comp=Z.11m,0.7s,baz=25,slow=4.9,SNR=34					
GEAO	GERESS Array S	142.27 331	ePKPpre	PKPpre	13 54 07.7
LIT	Litokhoron	142.27 314	ePKIPK	PKPpre	13 54 06.4
LIT	Litokhoron	142.27 314	ePKPpre	PKPpre	13 54 06.4
LIT	Litokhoron	142.27 314	P	PKPpre	13 54 06.4
SMIA	Simia	142.28 311	P	PKPpre	13 54 06.0
IDI	Anoyia	142.28 305	PKP	PKPpre	13 54 09.1
comp=Z.42m,0.8s,baz=95,slow=4.4,SNR=10.0					
BEHE	Becsehely	142.35 326	ePKPpdf	PKPpdf	13 54 08.0
BEHE	Becsehely	142.35 326	ePKPpdf	PKPpdf	13 54 07.4
BBOT	Bothel	142.36 351	eP	PKPpre	13 54 02.3
SIVA	Sivas	142.43 305	P	PKPpre	13 54 08.7
SIVA	Sivas	142.43 305	P	PKPpre	13 54 08.7
GALL	Galloway	142.44 352	eP	PKPpre	13 54 02.5
GALL		IAMS_20	IAMS_20		15 01 19.2
comp=Z.14um,20.7s					
KESW	Keswick, Cumb	142.48 351	IAMS_20	IAMS_20	15 03 18.9
comp=Z.26um,19.1s					
ARSA	Arzberg	142.49 328	/PKPpdf	PKPpdf	13 54 10.0 -1.4
comp=Z.56m,1.2s,SNR=15					
LKR	Lokris	142.52 311	ePKPpre	PKPpre	13 54 05.8
LKR	Lokris	142.52 311	P	PKPpre	13 54 05.8
KRUS	Krusevo	142.53 316	/PKP	PKPpre	13 54 07.6
IVA	Berane	142.65 319	/PKP	PKPpre	13 54 07.1
Btola	Btola	142.76 316	ePKP	PKPpre	13 54 01.1 -0.8
KZN	Kozani	142.68 314	ePKHKP	PKPpre	13 54 06.9
KZN	Kozani	142.68 314	ePKPpre	PKPpre	13 54 06.9
KZN	Kozani	142.68 314	P	PKPpre	13 54 06.9
KZN	Kozani	142.68 314	P	PKPpre	13 54 06.9
MOA	Molani	142.70 330	/PKPpdf	PKPpdf	13 54 09.2 -2.6
comp=Z.141m,1.6s,SNR=27					
PLE	Pljevlja	142.71 320	/PKP	PKPpre	13 54 07.2
GRFO	Grafenberg	142.72 334	ePKIPK	PKPpdf	13 54 09.2 -2.5
GRFO	Grafenberg	142.72 334	ePKPpre	PKPpre	13 54 05.2
GRFO			LR	LR	
comp=Z.47um,19.0s					
FNA	Florina	142.72 315	ePKHKP	PKPpre	13 54 06.5
FNA	Florina	142.72 315	ePKPpre	PKPpre	13 54 06.5
FNA	Florina	142.72 315	P	PKPpre	13 54 06.5
PVY	Plav	142.75 319	ePKP	PKPpre	13 54 07.6
VAM	Vamos	142.78 306	PKIPK	PKPpre	13 54 08.4
VAM	Vamos	142.78 306	PKIPK	PKPpre	13 54 08.4
VAM	Vamos	142.78 306	P	PKPpre	13 54 08.4
DID	Didima	142.79 309	ePKPpre	PKPpre	13 54 06.1
DID	Didima	142.79 309	P	PKPpre	13 54 06.1
LTK	Loutraiki	142.79 310	ePKPpre	PKPpre	13 54 07.7
LTK	Loutraiki	142.79 310	P	PKPpre	13 54 07.7
THL	Klokots Trika	142.84 313	P	PKPpre	13 54 06.4
HPK	Haverah Park	142.84 349	eP	PKPpre	13 54 09.9
HPK		IAMS_20	IAMS_20		15 00 03.4
comp=Z.38um,20.6s					
KOME	Kolasin	142.89 319	/PKP	PKPpre	13 54 08.0
KRND	Kranjci	142.97 309	PKP	PKPpre	13 54 07.1
IMMV	Iera Moni Meta	142.94 306	P	PKPpre	13 54 07.7
OHR	Ohrid	142.96 316	/PKP	PKPpre	13 54 05.5
DSF	Desfina	142.96 311	ePKPpre	PKPpre	13 54 06.7
DSF	Desfina	142.96 311	P	PKPpre	13 54 06.7
THAL	Thalero	142.98 306	ePKP	PKPpre	13 54 07.0
GVD	Gavdhos	143.05 305	ePKPpre	PKPpre	13 54 07.5
GVD	Gavdhos	143.05 305	P	PKPpre	13 54 07.5
LMK	Market Rasen	143.06 348	eP	PKPpre	13 54 06.1
LMK		IAMS_20	IAMS_20		14 58 13.4
comp=Z.33um,21.9s					
UPM	Unac-Plava	143.08 320	/PKP	PKPpre	13 54 08.2
PERNS	Pernice	143.11 327	/PKPpdf	PKPpdf	13 54 10.1 +0.6
KPRO	Kipourio	143.11 314	P	PKPab	13 54 07.3 -1.0
NEST	Nestorio	143.12 315	P	PKPab	13 54 07.1 -1.2
SOKA	Sothoth	143.12 328	/PKPpdf	PKPpdf	13 54 09.6 +0.1
comp=Z.30m,0.8s,SNR=27					
WIM	Isle of Man	143.13 352	eP	PKPab	13 54 06.7 -1.1
PENT	Pentalofos	143.16 314	P	PKPab	13 54 08.3 -0.2
BLY	Banja Luka	143.20 324	ePKPpre	PKPpre	13 54 05.7
BLY			PKPpre	PKPpre	
comp=Z.50um,20.0s					
NKY	Niksic	143.24 320	/PKP	PKPbc	13 54 09.4 -0.6
KALE	Kalitheia	143.24 311	ePKPpre	PKPab	13 54 08.5 -0.3
KALE	Kalitheia	143.24 311	P	PKPab	13 54 08.5 -0.3
EVR	Ervrytania	143.26 312	ePKPpre	PKPab	13 54 09.1 +0.2
EVR	Ervrytania	143.26 312	P	PKPab	13 54 09.1 +0.2
HEL	Holmthit	143.27 349	eP	PKPab	13 54 08.9
GUR	Goura	143.28 310	ePKPpre	PKPab	13 54 08.7 -0.4
GUR	Goura	143.28 310	P	PKPab	13 54 08.7 -0.4
PDG	Podgorica	143.28 319	/PKP	PKPab	13 54 09.3 +0.5
PDG	Podgorica	143.28 319	P	PKPab	13 54 09.3 +0.5
TTG	Podgorica	143.28 319	ePKIPK	PKPpre	13 54 07.7 +0.3
TTG	Podgorica	143.28 319	/PKP	PKPbc	13 54 09.7 -0.3
TTG	Podgorica	143.28 319	ePKPpre	PKPpre	13 54 07.8
TTG			LR	LR	
comp=Z.53um,21.0s					
NKME	Niksic	143.29 320	/PKP	PKPab	13 54 09.4 +0.5
SERG	Sergoula	143.29 311	P	PKPab	13 54 07.7 -1.3
VLJ	Veljia	143.30 308	ePKPpre	PKPab	13 54 08.2 -0.9
VLJ	Veljia	143.30 308	P	PKPab	13 54 08.2 -0.9
ANX	Ano Chora	143.31 312	P	PKPab	13 54 09.1 -0.1
ANKY	Antikythira Is	143.33 307	P	PKPab	13 54 09.7 +0.5
ANKY	Antikythira Is	143.33 307	P	PKPab	13 54 09.7 +0.5
KLK	Kalavryta, Ach	143.38 311	ePKPpre	PKPab	13 54 08.8 -0.6
KLK	Kalavryta, Ach	143.38 311	P	PKPab	13 54 08.8 -0.6
LBWR	Ladybower, Pea	143.39 349	eP	PKPab	13 54 04.4 -4.4
LBWR		IAMS_20	IAMS_20		14 53 17.5
comp=Z.31um,23.8s					
EFF	Efpalio	143.40 311	P	PKPbc	13 54 10.9 +0.5
LAKA	Lakka	143.42 311	ePKPpre	PKPab	13 54 08.7 -0.8
LAKA	Lakka	143.42 311	P	PKPab	13 54 08.7 -0.8
CEME	Cevo	143.43 319	/PKP	PKPbc	13 54 10.0 -0.1
TIR	Tirane	143.45 317	/PKIPK	PKPpdf	13 54 14.6 +1.3
TIR	Tirane	143.45 317	/PKIPK	PKPpdf	13 54 14.6 +1.3
TIR	Tirane	143.45 317	PFake	LR	13 54 30.0 +1.7
TIR			LR	LR	
comp=Z.92um,22.0s					
DRME	Dracevica, Mon	143.45 319	/PKP	PKPbc	13 54 10.5 0.0
CRFS	Cresnjevci	143.47 326	ePKPpdf	PKPpdf	13 54 09.3 +0.1
BRY	Bratogost	143.47 320	/PKP	PKPbc	13 54 10.2 -0.5
VLX	Vlachokerasia	143.47 310	ePKPpre	PKPbc	13 54 08.8 -1.0
VLX	Vlachokerasia	143.47 310	P	PKPab	13 54 08.8 -1.0
OBKA	Obir	143.48 328	/PKPpdf	PKPpdf	13 54 11.1 +0.5
comp=Z.74m,1.1s,SNR=15					
ULC	Ulcinj	143.53 318	/PKP	PKPbc	13 54 10.8 0.0
WACR	West Acree	143.54 346	eP	PKPab	13 54 03.3 -6.1
WACR		IAMS_20	IAMS_20		14 53 29.2
comp=Z.25um,22.4s					
BUM	Brajci-Budva	143.58 319	/PKP	PKPbc	13 54 10.9 0.0
PVO	Paravola	143.59 312	P	PKPab	13 54 10.0 -0.1
OZLJ	Ozalj	143.60 326	P	PKPpdf	13 54 12.8 -0.5

JAN	Janina	143.60 314	P	PKPab	13 54 10.5 +0.3
KBA	Koelnbreinsper	143.69 329	/PKPpdf	PKPpdf	13 54 11.3 +0.1
comp=Z.283m,1.1s,SNR=43					
DRO	Drossia	143.73 311	P	PKPbc	13 54 11.6 +0.1
HRC	Herceg Novi	143.75 319	/PKP	PKPbc	13 54 11.9 +0.6
STNC	Stoke	143.77 349	IAMS_20	IAMS_20	15 00 42.5
comp=Z.52um,21.5s					
BOJ	Bojanci	143.78 326	/PKPpdf	PKPpdf	13 54 12.6 -1.2
VISS	Visnje	143.81 327	/PKPpdf	PKPbc	13 54 12.1 +0.7
LJU	Ljubljana	143.81 327	ePKPpdf	PKPab	13 54 12.6 -1.2
WFS	Cernates, Angles	143.84 352	eP	PKPab	13 54 10.2 -3.9
WFS		IAMS_20	IAMS_20		15 00 16.3
comp=Z.31um,20.3s					
MYKA	Terra Myrica	143.86 329	/PKPpdf	PKPbc	13 54 11.8 +0.1
comp=Z.101m,1.0s,SNR=39					
RLS	Riolos of Patr	143.86 311	P	PKPbc	13 54 12.4 +0.6
RLS	Riolos of Patr	143.86 311	P	PKPbc	13 54 12.4 +0.6
ITM	Ithomi	143.88 309	ePKPpre	PKPab	13 54 10.3 -1.0
ITM	Ithomi	143.88 309	P	PKPab	13 54 10.3 -1.0
WPMI	Penmaenmawr	143.89 351	eP	PKPbc	13 54 11.2 -0.2
WLF1	Llynfaes	143.93 351	eP	PKPab	13 54 03.9 -7.0
CWF	Charnwood Fore	143.94 348	ePKPpdf	PKPbc	13 54 12.2 +0.6
CWF	Charnwood Fore	143.94 348	eP	PKPab	13 54 05.4 -5.6
CWF		IAMS_20	I		

ISCJB 02 13:53:44.0.0.3, 17.715:0.04:167.06E, 0.07, h12km
 mb4.8/37, Error ellipse: s-maj=9.8km s-min=6.2km az=5.7
 IDC 02 13:53:44.0.0.6, 17.695:167.13E, h0km, mb4.6/16,
 mb1 4.7/19, mb1mx4.6/50, mbtmp4.7/19, ML4.4/3, Error
 ellipse: s-maj=19.3km s-min=15.3km az=95.0
 NEIC 02 13:53:45.3.0.3, 17.675:167.15E, h10km, mb4.9/12, Error
 ellipse: s-maj=9.3km s-min=7.3km az=121.0
 ISC 02 13:53:45.5.0.4, 17.715:0.06:167.16E, 0.09, h12km, n76,
 +f170/78, mb4.8/36, 1D, Vanuatu Islands

TOA1 comp=Z, 1.7nm, 0.8s, baz=354, slow=1.8, SNR=5.0
 Torodi Ar. Sit 165.28 254 ePKPdf PKPdf 14 13 50.1 -0.7

IDC 02 13:55:16.0.1.6, 17.715:167.06E, h0km, mb4.2/6,
 mb1 4.4/7, mb1mx4.1/49, mbtmp4.2/7, ML4.5/1, Error
 ellipse: s-maj=44.1km s-min=24.4km az=112.0
 ISCJB 02 13:55:16.2.0.5, 17.725:0.06:167.03E, 0.08, h12km,
 mb4.5/12, Error ellipse: s-maj=11.4km s-min=8.2km
 az=7.3
 NEIC 02 13:55:17.3.0.5, 17.725:167.06E, h10km, mb4.8/6, Error
 ellipse: s-maj=10.0km s-min=9.5km az=83.0
 ISC 02 13:55:17.5.0.7, 17.705:0.07:167.1E, 0.11, h12km, n18,
 +f109/19, mb4.4/12, Vanuatu Islands

baz=41, SNR=4.9
 BATI Baumenta 42.89 274 P P 14 05 05.0 -0.8
 comp=Z, 6.4nm, 0.9s, baz=214, slow=3.6, SNR=3.4
 SANI Samana 47.36 286 P P 14 05 09.1 0.0
 APSI Ampasira 47.79 285 P P 14 05 05.9 +0.7
 BNSI Bone 49.97 280 P P 14 05 46.8 +0.2
 KAPI Kappang 48.10 279 P P 14 05 48.7 +1.1
 KAPI comp=Z, 4.7nm, 1.3s
 Kappang 48.10 279 eP P 14 05 46.8 -0.8
 comp=Z, 9.6nm, 1.5s
 SP5I Sidrap Palu 48.43 281 P P 14 05 52.3 +2.1
 comp=Z, 2.2nm, 1.2s
 MP5I Mapaga 49.89 286 P P 14 06 00.4 -0.9
 comp=Z, 4.4nm, 1.1s
 SGKI Sangatta, Kali 51.67 284 P P 14 06 09.2 -5.6
 comp=Z, 4.96nm, 0.6s
 KBKI Kotabaru 52.04 280 P P 14 06 17.9 +0.4

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
DZM	Mont Dzumac	4.39	188	Pn	13 54 51.4	-0.8		
DZM	19nm, 0.3s, baz=114, slow=20, SNR=5.5							
DZM	9.2nm, 0.3s, baz=140, slow=21, SNR=1.8			Sn	13 55 41.7	-1.6		
HNR	Honiara	10.81	319	Pn	13 56 18.7	-1.5		
HNR	7.9nm, 0.3s, baz=111, slow=17, SNR=3.6							
HNR	Honiara	10.81	319	ePn	13 56 19.1	-1.0		
FUNA	Funafuti	14.85	54	ePn	13 57 13.9	-1.5		
EIDS	Eidsvold	2.6m, 0.6s		Pn	13 57 40.5	0.0		
CTA	Charters Tower	19.92	260	P	13 58 18.5	-0.5		
CTAO	Charters Tower	19.92	260	eP	13 58 19.0	0.0		
URZ	Urewera	22.25	159	P	13 58 44.8	+2.5		
CAN	Canberra	23.84	219	eP	13 58 59.6	+0.9		
THZ	Tophouse	24.47	170	eP	13 59 04.9	+0.4		
LTZ	Lake Taylor	25.37	171	eP	13 59 13.1	+0.5		
RPZ	Rata Peaks	26.13	174	P	13 59 19.2	-0.3		
STKA	Stevens Creek	27.07	234	P	13 59 29.3	+1.3		
STKA	Stevens Creek	27.07	234	eP	13 59 29.2	+1.1		
WR1	Warramunga Arr	31.12	261	eP	14 00 03.3	-0.9		
WR1	Warramunga Arr	31.12	261	P	14 00 03.3	-0.9		
ASO1	Alice Springs	31.58	254	eP	14 00 07.7	-0.6		
AS31	Alice Springs	31.58	254	eP	14 00 07.7	-0.9		
ASAR	Alice Springs	31.62	254	eP	14 00 08.2	-0.4		
BBOO	Bucklebo	31.75	236	eP	14 00 10.2	+0.6		
FORT	Forrest	37.76	242	eP	14 01 01.5	0.0		
KSR5	Korea Array	66.14	327	P	14 04 33.4	+0.5		
KSAR	Wonju Array Be	66.15	327	P	14 04 34.0	+0.5		
NJ2	Nanjing	67.75	317	eP	14 04 40.6	-2.6		
NJ2	comp=Z, 2.9nm, 1.0s			pmx				
PETK	Petrovlovsk	71.00	354	P	14 05 03.0	+0.2		
PETK	Petrovlovsk	71.00	354	eP	14 05 03.0	-0.4		
PEA1	Petrovlovsk	71.00	354	eP	14 05 03.0	+0.1		
GVA	Guyang	73.33	305	eP	14 05 17.8	+0.2		
GVA	comp=Z, 10.0nm, 1.0s			pmx				
KLR	Kul'dur	73.68	337	P	14 05 20.1	+1.1		
BJI	Beijing	74.52	322	P	14 05 25.2	+1.2		
BJI	comp=Z, 12nm, 1.6s			pmx				
XAN	Xi'an	75.63	313	P	14 05 31.9	+1.2		
XAN	comp=Z, 9.0nm, 1.5s			pmx				
KMI	Kunming	75.79	302	P	14 05 34.0	+2.0		
KMI	comp=Z, 1.7nm, 1.1s			pmx				
CM01	Chiang Mai Arr	76.05	295	eP	14 05 31.5	-1.9		
CM31	Chiang Mai Arr	76.08	295	eP	14 05 32.9	-0.6		
CM3R	Chiang Mai Arr	76.08	295	P	14 05 35.4	+1.8		
CHTO	Chiang Mai	76.22	295	eP	14 05 34.7	+0.4		
CD2	Chengdu	77.74	308	P	14 05 42.2	-0.5		
CD2	comp=Z, 30nm, 1.0s			pmx				
HHC	Hu-ho-hao-te	77.78	320	eP	14 05 40.4	-2.4		
HHC	comp=Z, 2.6nm, 1.2s			pmx				
CHGN	Chignik	79.21	19	eP	14 05 46.5	-3.6		
LZH	Lanzhou	80.24	313	PP	14 05 57.6	+1.1		
LZH	comp=Z, 2.6nm, 1.4s			pmx				
GAMB	Gambell	82.87	9	eP	14 06 07.5	-1.9		
SONA0	Songino Array	84.82	324	eP	14 06 19.8	-0.3		
SONM	Songino Array	84.82	324	P	14 06 19.8	-0.3		
YAK	Yakutsk	84.84	343	P	14 06 19.8	+0.3		
CAST	Castle Rocks	86.86	17	eP	14 06 28.3	-1.4		
WDC	Whiskeytown Da	87.20	46	eP	14 06 34.5	+2.7		
YBH	Yreka Blue Hor	87.59	45	P	14 06 35.5	+1.7		
NVAR	Niina Array Be	89.29	49	P	14 06 44.0	+2.0		
ILAR	Eielson Array	89.38	18	P	14 06 40.3	-1.3		
ILB	Eielson Array	89.38	18	eP	14 06 40.3	-1.3		
SNA4	Sanae	90.53	183	P	14 06 47.0	-0.5		
SNA4	Sanae	90.58	183	eP	14 06 47.0	-0.5		
TIXI	Tiksi	92.85	349	P	14 06 58.2	+0.6		
WMQ	Urumqi	94.73	314	P	14 07 07.0	0.0		
WMQ	comp=Z, 2.3nm, 1.5s			pmx				
MK32	Makanchi Array	99.27	316	eP	14 07 28.1	+0.7		
MKAR	Makanchi Array	99.27	316	P	14 07 28.1	+0.7		
YKA	Yellowknife Ar	100.23	28	P	14 07 31.6	+0.4		
KSH	Kashi	101.94	308	P	14 07 44.3	+4.7		
KSH	comp=Z, 7.0nm, 1.0s			pmx				
ARAO	ARCESS Array S	123.09	345	ePKPdf	14 12 40.7	-0.7		
ARCES	ARCESS Array B	123.09	345	ePKPdf	14 12 40.7	-0.7		
KLMR	Klimovskoe	123.27	332	ePKPdf	14 12 48.7	+6.8		
KLMR	comp=Z, 1.5nm, 1.2s			pmx				
AKASG	Malin Array Be	133.10	324	ePKPdf	14 13 02.0	+1.0		
BRI10	Beskin Array S	134.32	309	ePKPdf	14 13 05.7	+1.9		
BRT11	Beskin Array B	134.32	309	ePKPdf	14 13 05.7	+1.9		
WTTA	Wattenberg	144.31	331	ePKPdf	14 13 19.1	-0.6		
MOTA	Moosalm	144.50	332	ePKPdf	14 13 22.0	-0.1		
WLF	Walfangde	144.63	339	ePKPdf	14 13 20.9	+0.1		
FETA	Feichten	144.91	332	ePKPdf	14 13 23.1	+0.2		
DAVA	Damuels	145.09	333	ePKPdf	14 13 23.2	+0.1		
FUORNI	Otepans-Fuorn	145.42	332	ePKPdf	14 13 25.0	+1.0		
SENI1	Lac Senin-Suon	146.91	334	ePKPdf	14 13 26.3	-0.1		
RCBR	Riachuelo	147.36	134	ePKPdf	14 13 29.9	-0.3		
MDT	Midelli	163.23	335	ePKPdf	14 13 46.6	-2.0		
TORD	Tordi Ar. Be	165.27	254	ePKPdf	14 13 50.2	-0.7		

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
DZM	Mont Dzumac	4.39	188	Op	13 56 24.4	+0.3		
DZM	27nm, 0.3s, baz=90, slow=15, SNR=6.2							
DZM	9.4nm, 0.3s, baz=127, slow=20, SNR=2.9			Sn	13 57 15.3	+0.1		
HNR	Honiara	10.74	319	ePn	13 57 49.5	-1.8		
FUNA	Funafuti	14.85	54	ePn	13 58 47.8	-0.6		
OZU	Omahuta	18.39	163	ePn	13 59 30.1	-2.4		
BKZ	Black Stump Fm	22.91	161	eP	14 00 21.7	+0.3		
COEN	Coconut	23.28	276	eP	14 00 25.6	+0.3		
THZ	Tophouse	24.50	169	eP	14 00 36.5	-0.2		
KNTN	Kantol	25.56	57	eP	14 00 48.2	+1.7		
STKA	Stevens Creek	27.00	234	P	14 01 00.4	+1.0		
WR1	Warramunga Arr	31.03	261	eP	14 01 34.9	-0.5		
WR1	Warramunga Arr	31.03	261	P	14 01 34.9	-0.5		
ASO1	Alice Springs	31.49	253	eP	14 01 40.4	+0.9		
AS31	Alice Springs	31.54	254	eP	14 01 39.4	-0.6		
UNJ	Nakatsue	31.54	253	P	14 01 39.3	-0.6		
CMAR	Chiang Mai Arr	75.99	295	eP	14 07 05.9	+0.8		
SONA0	Songino Array	84.76	324	eP	14 07 53.0	+1.2		
SONM	Songino Array	84.76	324	P	14 07 53.0	+1.2		
ILAR	Eielson Array	89.40	18	P	14 08 13.4	-0.3		
ILAR	0.9nm, 0.9s, baz=234, slow=4.8, SNR=3.1							
BUJ	02 13:57:04.7, 17:15S:167:61E, h9km, mb5.1/40, mb5.3/2, Ms5.4, Mst 5.2/3							
IDC	02 13:57:05.7, 0.5, 17:46S:167:16E, h0km, mb4.9/27, mb1 4.9/30, mb1mx4.8/51, mbtmp4.9/30, ML4.6/3, Error ellipse: s-maj=15.9km s-min=13.4km az=105.0							
ISCJB	02 13:57:07.3, 0.2, 17:45S:0.04:167:16E, 0.03, h19km, mb5.1/11, 0, Error ellipse: s-maj=5.5km s-min=4.0km							
NEIC	02 13:57:07.0, 0.2, 17:46S:167:18E, h10km, mb5.3/47, Error ellipse: s-maj=6.0km s-min=5.0km az=121.0							
MOS	02 13:57:09.9, 1.1, 17:28S:167:04E, h31km, mb5.3/39, Error ellipse: s-maj=9.8km s-min=8.9km az=131.2							
ISC	02 13:57:08.6, 0.4, 17.54S:0.05:167.28E, 0.07, h19km, n280, +f122/286, mb5.2/107, 16C-7D, Vanuatu Islands							
Code <th>Station Name</th> <th>Δ°</th> <th>AZ°</th> <th>Phase ID</th> <th>Time Res</th> <th>ISC</th> <th>h m s</th> <th>ISC</th>	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
DZM	Mont Dzumac	4.57	190	Op	13 58 16.7	-0.2		
DZM	36nm, 0.3s, baz=301, slow=16, SNR=7.4							
DZM	76nm, 0.3s, baz=126, slow=22, SNR=12			Sn	13 59 08.3	-1.3		
DZM	Mont Dzumac	4.57	190	ePn	13 58 15.3	-1.6		
DZM	Honiara	10.79						

ISN 02 14:12:10.6:0.3,38°23'N-43°60'E,h0km,ML3.5
NSSP 02 14:12:12.6:38°48'N-44°00'E,h5km,MS3.4
ISK 02 14:12:13.9:38°59'N-43°69'E,h5km,ML3.5/9
DDA 02 14:12:14.8:38°59'N-43°70'E,h3km,ML3.4
CSEM 02 14:12:15.0:0.2,38°54'N-43°73'E,h2km,ML3.5,Error
ellipse: s-maj=5.1km s-min=4.1km az=123.0

ISC 02 14:12:15.2:1.1,38°57'N-02°43'75E,0.02,h3km,10km,
n74,+1920/102,9C-BD,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include TVAN, VANB, BASK, ERVC, CLDR, GEVA, DYDN, HAHT, YOVA, CUKT, IGDI, GYRO, HYR, TASB, EKAR, SIRT, NAX, SIRR, SRRN, SRTM, EATA, EATA, SBZ, GMI, GNI, GNI, ORD, DIGO, HOMI, BTMM, BTMM, BINGOL, EAKA, EAKA, KARS, GRS, GRS, GRS, SENK, SENK, ERZM, ERZM, ECAT, ECAT, GDB, GDB, MARD, QZX, QZX, MAZI, MAZI, DIYU, DIYU, DAGI, DAGI, BYB, BYB, BAYT, BAYT, PTK, PTK.

GUC 02 14:12:25.7:0.4,31°33'S-69°10'W,h144km,34km,ML3.2
ISCJB 02 14:12:26.4:1.0,31°34'S-03°68'87W,0.05,h13km,8km,
Error ellipse: s-maj=7.2km s-min=5.5km az=173.9
SJA 02 14:12:26.4:0.6,31°34'S-68°87'W,h106km,2km,ML2.9,
MV3.6

ISC 02 14:12:27.0:1.6,31°33'S-004°68'89W,0.05,
h109km,11km,n13,+0843/26,2C,San Juan Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SJA, AMOG, RTLS, RTLS, RTVC, AUSP, AUSP, ASAL, ASAL, ACAN, ACAN, AAGR, AAGR, AGUA, AGUA, GO04, GO04, TLL, TLL, PEL, PEL.

ROCH EI Roble 2.43 227 i Pn 14 13 05.2 -0.5
ROCH i S Sn 14 13 35.5 +0.2
ROCH IAML 14 13 39.9

comp=N,63nm,0.2s

ICD 02 14:13:8.7:35.0,49°00'N-52°77'E,h0km,Error ellipse:
s-maj=356.7km s-min=78.1km az=65.0,Western

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include I31KZ, I46RU, I34MN.

ICD 02 14:15:23.9:1.9,17°75'S-167°14'E,h0km,mb3.8/4,
mb1 4.0/5,mb1mx3.6/49,mbtmp3.8/5,ML3.9/1,Error
ellipse: s-maj=52.4km s-min=31.0km az=128.0,Vanuatu
Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DZM, STKA, WRA, ASAR, ILAR.

ICD 02 14:19:16.6:2.0,17°87'S-167°44'E,h0km,mb3.9/5,
mb1 4.2/6,mb1mx3.7/51,mbtmp3.9/6,ML4.1/1,Error
ellipse: s-maj=48.8km s-min=27.5km az=111.0,
ISCJB 02 14:19:18.5:1.5,17°85'S-0167°4E,0.3,h23km,
mb3.8/5,Error ellipse: s-maj=34.7km s-min=12.3km
az=2-0

ISC 02 14:19:20.1:1.6,17°95'S-167°5E,0.3,h23km,n6,
+1567/7,mb4.0/5,Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DZM, STKA, WRA, ASAR, CMAR, ILAR.

ICD 02 14:23:40.1:3.6,17°52'S-167°33'E,h0km,mb3.9/3,
mb1 4.1/3,mb1mx3.6/56,mbtmp3.9/3,Error ellipse:
s-maj=41.83km s-min=36.8km az=137.0,Vanuatu
Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include STKA, ASAR, ILAR.

ICD 02 14:24:00.5:1.9,17°62'S-167°33'E,h0km,mb3.7/4,
mb1 4.0/5,mb1mx3.7/56,mbtmp3.8/5,ML3.4/1,Error
ellipse: s-maj=54.1km s-min=30.7km az=128.0,Vanuatu
Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DZM, STKA, WRA, ASAR, ILAR.

NEIC 02 14:25:03.1:0.6,18°43'S-167°72'E,h10km,mb4.3/4,Error
ellipse: s-maj=12.8km s-min=10.7km az=77.0

ICD 02 14:25:03.3:1.9,17°94'S-167°57'E,h0km,mb4.0/6,
mb1 4.2/7,mb1mx3.9/55,mbtmp3.9/7,ML3.8/1,Error
ellipse: s-maj=53.9km s-min=27.5km az=121.0

ISC 02 14:25:06.1:1.1,18°07'S-101°16'77E,0.2,h23km,n17,
+1570/16,mb4.0/2,Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DZM, WRA, STKA, WRAB, WRI, WRA, AS31, ASAR, SONAO, SONA, ILAR.

ISCJB 02 14:26:53.8:1.2,17°86'S-0167°3E,0.2,h19km,
mb4.1/8,Error ellipse: s-maj=22.8km s-min=10.8km
az=177.9

NEIC 02 14:26:54.0:0.9,17°77'S-167°34'E,h10km,mb4.2/3,Error
ellipse: s-maj=19.7km s-min=14.5km az=109.0

ICD 02 14:26:55.1:1.9,17°72'S-167°35'E,h0km,mb3.9/5,
mb1 4.1/6,mb1mx3.8/55,mbtmp3.8/6,Error ellipse:
s-maj=51.1km s-min=29.8km az=123.0

ISC 02 14:26:55.5:1.3,17°85'S-167°4E,0.2,h19km,n13,
+1539/14,mb4.0/3,Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DZM.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DZM, EIDS, STKA, STKA, WHZ, WRI, WRA, AS31, ASAR, CM31, CMAR, ILAR, ILB.

ICD 02 14:29:28.2:1.1,17°65'S-167°47'E,h0km,mb3.9/9,
mb1 4.2/10,mb1mx3.9/53,mbtmp4.0/10,ML4.5/1,Error
ellipse: s-maj=38.4km s-min=19.5km az=136.0,
ISCJB 02 14:29:29.6:0.9,17°76'S-0167°4E,0.2,h19km,
mb3.9/8,Error ellipse: s-maj=21.9km s-min=9.7km
az=10-0

ISC 02 14:29:31.0:1.0,17°74'S-0167°5E,0.2,h19km,n13,
+0599/14,mb4.0/3,Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DZM, DZM, CTA, STKA, WRA, ASAR, PETK, CMAR, NVAR, ILAR, YKA, ARCES, TORD.

ICD 02 14:30:02.5:61.0,47°49'N-47°97'E,h0km,Error ellipse:
s-maj=120.2km s-min=137.4km az=48.0,
Ukraine-Moldova-Southwestern Russia region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include I31KZ, I43RU, I46RU, I34MN.

ICD 02 14:35:32.8:1.6,17°27'S-167°46'E,h0km,mb3.9/6,
mb1 4.1/7,mb1mx3.8/52,mbtmp3.9/7,ML4.0/1,Error
ellipse: s-maj=47.6km s-min=26.8km az=129.0,
ISCJB 02 14:35:33.9:1.4,17°49'S-0167°5E,0.2,h19km,
mb3.8/5,Error ellipse: s-maj=29.0km s-min=11.5km
az=3-0

ISC 02 14:35:35.5:1.3,17°55'S-0167°5E,0.2,h19km,n8,
+1523/9,mb3.8/5,Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DZM, DZM, CTA, STKA, WRA, ASAR, ILAR, TORD.

ISCJB 02 14:39:39.9:0.8,17°17'S-0167°4E,0.1,h19km,
mb4.3/9,Error ellipse: s-maj=14.7km s-min=10.1km
az=12-4

ICD 02 14:39:39.7:1.6,17°64'S-167°36'E,h0km,mb4.2/7,
mb1 4.4/8,mb1mx4.0/48,mbtmp4.2/8,ML4.3/1,Error
ellipse: s-maj=44.5km s-min=25.9km az=125.0

NEIC 02 14:39:40.6:0.6,17°69'S-167°43'E,h10km,mb4.2/1,Error
ellipse: s-maj=16.6km s-min=10.9km az=157.0

ISC 02 14:39:42.2:0.9,17°72'S-0167°5E,0.2,h19km,n17,
+0599/17,mb4.2/9,Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DZM, DZM, DZM, CTA, CTAO, AFI, STKA, WRAB, WRI, AS01, AS31, ASAR, BBOO, CMAR, SONM, ILAR, TORD.

ISC 02 15:07:04.71.5, 17.90S:167.52E, h0km, mb4.1/7, mb1 4.3/8, mb1mx4.0/4, mbtmp4.1/8, ML3.7/1, Error ellipse: s-maj=41.9km s-min=23.8km az=128.0
 NEIC 02 15:07:06.5.0.8, 17.86S:167.41E, h10km, mb5.0/4, Error ellipse: s-maj=18.6km s-min=13.9km az=113.0
 ISCJB 02 15:07:07.2.1.3, 17.92S:0.08:167.3E:0.2, h23km, mb4.6/13, Error ellipse: s-maj=24.2km s-min=11.6km az=175.8
 ISC 02 15:07:08.7.1.3, 17.96S:0.08:167.4E:0.2, h23km, n19, α150/42, mb4.5/13, Vanuatu Islands

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Op	h	m	s	ISC	Time Res
DZM	Mont Dzumac	4.19	193	Pn			15	08	11.7	+0.4	
DZM	Mont Dzumac	4.19	193	ePn			15	09	00.4	+0.7	
DZM	Mont Dzumac	4.19	193	ePn			15	08	55.3	-4.4	
DZM	Mont Dzumac	4.19	193	ePn			15	09	00.4	+0.7	
CTA	Charters Tower	20.14	261	P			15	11	41.8	+0.5	
STKA	Stevens Creek	27.13	234	P			15	12	51.4	+1.2	
STKA	Stevens Creek	27.13	234	eP			15	12	51.1	+0.9	
WRA	Warramunga Arr	31.24	261	P			15	13	26.5	-1.2	
WRA	Warramunga Arr	31.24	261	P			15	13	26.5	-1.2	
AS31	Alice Springs	31.80	254	eP			15	13	30.5	-1.3	
ASAR	Alice Springs	31.80	254	P			15	13	31.2	-0.5	
BB00	Buckleboe	31.82	236	eP			15	13	33.0	+1.2	
FORT	Forrest	37.88	243	eP			15	15	23.2	-0.9	
FITZ	Fitzroy Crossi	39.68	263	P			15	14	40.1	+0.8	
MBWA	Marble Bar	44.93	258	eP			15	15	21.8	-0.4	
LUWI	Luwuk	46.96	286	eP			15	15	37.3	-1.9	
CASY	Casey	60.62	203	eP			15	17	19.3	+1.9	
CMAR	Chiang Mai Arr	76.42	295	P			15	18	57.5	+0.6	
ILAR	Eielson Arr	89.54	18	P			15	20	02.6	-1.1	
ILB	Eielson Arr	89.54	18	eP			15	20	03.2	-0.6	
YKA	Yellowknife Ar	100.33	27	Pdf			15	20	52.4	-0.6	

ISK 02 15:09:17.8.39, 78N:35.08E, h9km, ML2.4/4
 ISCJB 02 15:09:18.0.7.39, 82N:0.04:35.10E:0.05, h4km, 10km, Error ellipse: s-maj=6.8km s-min=5.2km az=135.5
 CSEM 02 15:09:18.4.0.2, 39.82N:35.11E, h10km, ML2.4, Error ellipse: s-maj=5.0km s-min=3.7km az=52.0
 DDA 02 15:09:18.9.39, 83N:35.04E, h7km, Md2.7
 ISC 02 15:09:18.7.1.0, 39.79N:0.03:35.09E:0.03, h7km, n9km, n16, α95/728, Turkey

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Op	h	m	s	ISC	Time Res
YOZ	Yozgat	0.23	131	PG			15	09	23.1	-0.3	
YOZ	Yozgat	0.23	131	SG			15	09	26.7	+0.2	
YOZ	Yozgat	0.23	131	ePg			15	09	23.1	-0.3	
COAL	Corum-Alaca	0.47	350	eSg			15	09	26.7	+0.2	
COAL	Corum-Alaca	0.47	350	iS			15	09	34.3	+0.4	
COAL	Corum-Alaca	0.47	350	Pg			15	09	27.0	-0.7	
COAL	Corum	0.52	317	S			15	09	34.3	+0.4	
CORM	Corum	0.52	317	PG			15	09	28.7	-0.1	
CORR	Corum	0.52	317	SG			15	09	36.2	+0.6	
CORM	Corum	0.52	317	ePg			15	09	28.7	-0.1	
CORM	Corum	0.52	317	eSg			15	09	36.2	+0.6	
CDAG	Cicekdag	0.58	253	iP			15	09	29.5	-0.4	
CDAG	Cicekdag	0.58	253	S			15	09	38.2	+0.7	
CUSAR	Sarkisla-SIVAS	0.97	112	iP			15	09	36.9	-0.4	
CUSAR	Sarkisla-SIVAS	0.97	112	S			15	09	53.9	+0.9	
CUSAR	Sarkisla-SIVAS	0.97	112	Pn			15	09	36.9	-0.4	
CUSAR	Sarkisla-SIVAS	0.97	112	S			15	09	53.9	+0.9	
AVNS	Neveshir-Avano	1.00	191	iP			15	09	38.9	+0.4	
AVNS	Neveshir-Avano	1.00	191	S			15	09	53.7	-0.1	
AVNS	Neveshir-Avano	1.00	191	Pb			15	09	38.9	+0.4	
AVNS	Neveshir-Avano	1.00	191	Sn			15	09	53.7	-0.1	
SVSK	Karacayir	1.47	85	Pn			15	09	45.2	-0.5	
SVSK	Karacayir	1.47	85	ePn			15	09	45.2	-0.5	
GULA	Galagac	1.59	205	Pn			15	09	46.6	-0.8	
GULA	Galagac	1.59	205	ePn			15	09	46.6	-0.8	

ISC 02 15:10:12.6.1.2, 17.51S:167.28E, h0km, mb4.3/9, mb1 4.5/11, mb1mx4.2/46, mbtmp4.4/11, ML4.8/2, Error ellipse: s-maj=33.4km s-min=19.3km az=119.0
 ISCJB 02 15:10:13.9.0.3, 17.49S:0.04:167.01E:0.06, h12km, mb5.0/49, Error ellipse: s-maj=7.9km s-min=5.7km az=7.3
 NEIC 02 15:10:15.0.0.3, 17.43S:167.11E, h10km, mb5.0/43, Error ellipse: s-maj=8.1km s-min=6.5km az=101.0
 ISC 02 15:10:15.3.0.5, 17.52S:0.06:167.11E:0.10, h12km, n76, α153/778, mb5.0/48, Vanuatu Islands

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Op	h	m	s	ISC	Time Res
DZM	Mont Dzumac	4.57	188	Pn			15	11	24.3	-0.1	
DZM	Mont Dzumac	4.57	188	ePn			15	12	16.0	-1.5	
DZM	Mont Dzumac	4.57	188	ePn			15	11	23.7	-0.6	
DZM	Mont Dzumac	4.57	188	eS			15	12	15.5	-1.9	
HNR	Honiara	10.64	318	Pn			15	12	47.8	+0.2	
HNR	Honiara	10.64	318	ePn			15	12	47.4	-0.3	
OAUZ	Omahuta	15.15	163	eP			15	14	32.9	+0.8	
ARMA	Armidale	19.07	225	eP			15	14	39.9	+1.2	
CTA	Charters Tower	19.91	259	P			15	14	49.7	+1.1	
CTAO	Charters Tower	19.91	259	eP			15	14	49.8	+1.1	
URZ	Urewera	22.44	159	P			15	15	17.8	+3.6	
URZ	Urewera	22.44	159	eP			15	15	17.1	+2.9	
BKZ	Black Stump Fm	23.06	161	eP			15	15	22.6	+1.8	
CAN	Canberra	23.96	219	eP			15	15	31.8	+2.1	
THZ	Tophouse	24.66	170	eP			15	15	38.3	+2.2	
KHZ	Kahutara	25.41	169	eP			15	15	43.3	+0.6	
LTZ	Lake Taylor	25.56	171	eP			15	15	47.0	+2.9	
OXZ	Oxford	26.06	172	eP			15	15	50.9	+2.3	
RPZ	Rata Peaks	26.32	174	eP			15	15	51.5	+0.5	
STKA	Stevens Creek	27.14	233	P			15	15	60.0	+1.4	
STKA	Stevens Creek	27.14	233	eP			15	16	00.1	+1.6	
MLZ	Mavora Lakes	27.77	178	eP			15	16	04.0	-0.1	
DCZ	Deep Cove	27.86	180	eP			15	16	03.0	-1.8	
WHZ	Wether Hill Ro	28.30	179	eP			15	16	08.0	-0.7	
WRAB	Tennant Creek	31.09	260	eP			15	16	33.4	-0.5	
WR1	Warramunga Arr	31.10	260	eP			15	16	33.2	-0.7	
WRA	Warramunga Arr	31.11	260	P			15	16	33.2	-0.7	
AS01	Alice Springs	31.59	253	eP			15	16	38.2	+0.1	
AS31	Alice Springs	31.63	253	eP			15	16	38.1	-0.5	

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Op	h	m	s	ISC	Time Res
ASAR	Alice Springs	31.63	253	P			15	16	38.5	-0.1	
BB00	Buckleboe	31.82	236	eP			15	16	40.5	+0.5	
FAKI	Fak Fak	37.15	289	eP			15	17	30.3	+3.9	
FORT	Forrest	37.81	242	eP			15	17	29.3	-2.5	
NWAO	Narrogin (SRO)	47.23	241	eP			15	18	48.7	+0.3	
UGAW	Wanagana	55.85	272	eP			15	19	15.2	-2.1	
VNDA	Vanda	60.08	181	eP			15	20	21.7	-0.2	
PSI	Prapat	70.15	280	eP			15	21	27.1	-1.4	
PETK	Petropavlovsk	70.81	354	P			15	21	32.0	+0.5	
PEA1	Petropavlovsk	70.81	354	eP			15	21	32.0	+0.5	
QSPA	South Pole Qui	72.52	180	eP			15	21	42.2	+0.2	
CM01	Chiang Mai Arr	75.93	295	eP			15	22	03.5	+0.9	
CM31	Chiang Mai Arr	75.93	295	P			15	22	03.1	+0.4	
CMAR	Chiang Mai Arr	75.96	295	P			15	22	02.5	-0.2	
GAMB	Gambell	82.69	9	eP			15	22	38.7	+0.3	
ULN	Ulanbaatar	84.30	324	eP			15	22	47.2	-0.1	
SONAO	Songino Array	84.65	324	eP			15	22	47.5	-1.5	
SONM	Songino Array	84.65	324	P			15	22	47.5	-1.5	
YAK	Yakutsk	84.65	343	eP			15	22	48.6	+0.2	
SONA1	Songino Array	84.65	324	eP			15	22	49.0	-0.1	
KCPM	Cahto Peak	85.99	46	eP			15	22	56.5	+0.5	
KMRM	Mal Ridge	86.15	46	eP			15	22	57.8	+1.2	
KHMM	Horse Mountain	86.42	45	eP			15	22	58.5	+0.5	
SML	Sawmill	86.59	19	eP			15	22	57.3	-0.9	
CASTL	Castle Rocks	86.69	17	eP			15	22	59.1	+0.4	
ORV	Orville	87.38	47	eP			15	23	02.6	0.0	
AFDM	Forest Hills D	87.50	48	eP			15	23	02.7	-0.4	
CMB	Columbia Colle	87.54	49	eP			15	23	02.7	-0.8	
YKUZ	Yakutat	88.06	24	eP			15	23	02.9	-2.4	
IM3	Indian Mountai	88.29	15	eP			15	23	07.6	+1.4	

2d 16h

Table with columns: STKA, Stephens Creek, 26.94 234 P, 15 30 24.9 +1.3

IDC 02 15:27:28.6:1.9, 17:52S:167:52E, h0km, mb3.8/7, mb1 4.2/9, mb1mx0.4/5, mbtmp4.1/9, ML4.5/2, Error ellipse: s-maj=44.8km s-min=27.7km az=114.0

Main table for 2d 16h section, listing station names, coordinates, and times for various stations like DZM, DZM, DZM, etc.

IDC 02 15:32:06.0:10.0, 17:67S:166:52E, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.5/42, mbtmp3.7/3, Error ellipse: s-maj=243.2km s-min=61.4km az=109.0, Vanuatu Islands

Table listing station names and coordinates for the IDC 02 15:32:06.0:10.0 event.

IDC 02 15:36:01.2:3.5, 6:23S:149:55E, h0km, mb3.2/2, mb1 3.7/3, mb1mx3.3/51, mbtmp3.5/3, ML1.9/1, Error ellipse: s-maj=123.2km s-min=41.4km az=115.0, New Britain region

Table listing station names and coordinates for the IDC 02 15:36:01.2:3.5 event.

IDC 02 15:46:38.4:3.7, 6:50S:149:69E, h0km, mb3.2/2, mb1 3.6/3, mb1mx3.3/55, mbtmp3.5/3, ML1.8/1, Error ellipse: s-maj=136.5km s-min=39.7km az=120.0, New Britain region

Table listing station names and coordinates for the IDC 02 15:46:38.4:3.7 event.

MAN 02 15:48:34, 11:27N:124:57E, h8km, mb4.0, ML2.8, MS2.5, 1D, Leyte

Table listing station names and coordinates for the MAN 02 15:48:34 event.

IDC 02 15:53:53.2:3.7, 5:38S:147:08E, h0km, mb2.8/1, mb1 3.5/3, mb1mx3.2/46, mbtmp3.3/3, ML2.6/2, Error ellipse: s-maj=92.0km s-min=44.6km az=91.0, Eastern New Guinea region

Table listing station names and coordinates for the IDC 02 15:53:53.2:3.7 event.

2012 FEB

IDC 02 15:54:52.7:3.5, 6:56S:150:15E, h0km, mb3.4/2, mb1 3.9/3, mb1mx3.4/47, mbtmp3.7/3, ML2.2/1, Error ellipse: s-maj=124.5km s-min=43.9km az=120.0, New Britain region

Table listing station names and coordinates for the IDC 02 15:54:52.7:3.5 event.

IDC 02 15:56:53.7:16.0, 16:83S:168:43E, h0km, mb4.0/4, mb1 4.2/5, mb1mx3.8/44, mbtmp4.1/5, ML4.1/1, Error ellipse: s-maj=271.6km s-min=56.3km az=67.0

NEIC 02 15:56:58.5:1.2, 17:14S:168:13E, h10km, mb4.9/6, Error ellipse: s-maj=21.2km s-min=15.9km az=101.0

ISC/JB 02 15:56:59.7:1.1, 17:17S:168:1E:0.1, h33km, mb4.7/11, Error ellipse: s-maj=20.6km s-min=15.0km az=9.2

Main table for 2012 FEB section, listing station names, coordinates, and times for various stations like DZM, DZM, DZM, etc.

IDC 02 16:04:40.4:0.8, 17:70S:167:26E, h0km, mb4.5/16, mb1 4.7/17, mb1mx4.5/45, mbtmp4.5/17, ML4.0/1, Error ellipse: s-maj=23.1km s-min=16.3km az=126.0

ISC/JB 02 16:04:42.0:0.2, 17:79S:167:21E:0.05, h23km, mb4.8/75, MS5.2/3, Error ellipse: s-maj=6.8km s-min=4.8km az=13.5

MOS 02 16:04:42.9:1.0, 17:71S:167:21E, h25km, mb4.9/15, Error ellipse: s-maj=11.3km s-min=10.0km az=87.0

NEIC 02 16:04:42.8:3.3, 17:74S:167:22E, h15km, mb4.9/41, Error ellipse: s-maj=6.8km s-min=6.0km az=59.0

BJJ 02 16:04:44.1, 17:44S:167:43E, h29km, mb4.9/31, mb5.5/12, MS5.9/M57 5.2/7

ISC 02 16:04:43.8:0.4, 17:81S:167:30E:0.07, h23km, n154, e137/163, mb4.8/74, MS5.3/3, 8C-6D, Vanuatu Islands

Main table for 2012 FEB section, listing station names, coordinates, and times for various stations like DZM, DZM, DZM, etc.

96

Main table for 96 section, listing station names, coordinates, and times for various stations like NWAO, NWAO, NWAO, etc.

Table with columns: ILS, Eielson Array, 89.13 18 eP, P, 17 38 47.9 -0.6, etc.

IDC 02 17:27:03.0-0.4, 17:78:29E, h0km, m5.5/30, m2 1.5/32, mb1mx5.1/47, mbtmp5.2/32, ML4.9/2, MS4.3/8, Ms1 4.3/8, ms1mx3.8/33, Error ellipse: s-maj=1.4,0km s-min=11.7km az=115.0

IS/CJB 02 17:27:05.0-0.1, 17:95:0.0-03:167:12E:0.02, h23km, mb5.4/269, MS4.5/11, Error ellipse: s-maj=3.8km s-min=2.8km az=157.3

BUI 02 17:27:05.0, 18:00:5:167:20E, h23km, mb5.3/68, mB5.6/40, M5.5/23, M5.7/0.12

NEIC 02 17:27:07.0-1.6, 17:95:5:167:18E, h21km, 10km, mb5.5/179, Error ellipse: s-maj=3.7km s-min=3.4km az=189.0

MOS 02 17:27:06.4-1.0, 17:87:5:167:14E, h24km, mb5.5/81, Error ellipse: s-maj=7.6km s-min=6.7km az=72.1

ISC 02 17:27:06.8-0.2, 17:98:5:0:04:167:27E:0.05, h23km, n775, a1515/65, mb5.5/272, MS4.3/11, 47C-25D, Vanuatu

Main table with columns: Code, Station Name, Az, Alt, Phase, ID, Time, Res, etc.

Main table with columns: TAU, Tasmania Unive, 30.07 210 eP, P, 17 33 15.5 +1.2, etc.

Main table with columns: BTM, Bintulu, 57.38 286 P, P, 17 36 53.6 -0.3, etc.

2012 FEB

2d 17h					
GVA	pP	sP	17 38 47.4 -1.3		
GVA	PP	PP	17 41 26.0 +3.0		
GVA	SK	SKIKP	17 47 07.9 +0.1		
GVA	SKS	SKS	17 48 41.2 -3.0		
GVA	SS	SS	17 52 54.3 +3.0		
GVA	pmx	pmx			
GVA	comp=Z,30nm,0.8s	pmx	pmx		
GVA	comp=Z,160nm,6.6s	LR	LR		
GVA	comp=Z,720nm,19.2s	LR	LR		
GVA	comp=Z,690nm,18.9s	LR	LR		
GRNR	comp=Z,660nm,19.0s	LR	LR		
GRNR	Gornyj	73.63 340	eP	P	17 38 39.0 +0.8
GRNR	comp=Z,52nm,1.0s		pmx	pmx	
PBKT	Sadao Pong	73.74 294	P	P	17 38 40.8 +1.2
PBKT	comp=Z,75nm,0.9s,comp=Z,934nm				
KLR	Kul'dur	73.97 337	P	P	17 38 41.0 +0.7
KLR	comp=Z,1.4nm,0.9s,baz=138,slow=3.2,SNR=25				
SRDT	SRDT	174.7 291	P	P	17 38 45.5 +1.7
SRDT	comp=Z,68nm,1.4s,comp=Z,932nm				
NKL	Nikolayevsk	74.47 344	eP	P	17 38 43.5 +0.5
NKL	comp=N,15nm,1.8s		pmx	pmx	
NKL	comp=Z,22nm,1.8s		pmx	pmx	
UTHA	Uthaitani	74.66 292	P	P	17 38 46.2 +1.2
UTHA	comp=Z,12nm,1.1s,comp=Z,116nm				
BJT	Baijiatuu	74.78 322	eP	P	17 38 45.6 +0.4
BJT	comp=Z,26nm,0.7s		pmx	pmx	
BJT	Baijiatuu	74.78 322	eP	P	17 38 45.6 +0.4
BJT	comp=Z,26nm,0.7s		pmx	pmx	
BJI	Beijing	74.79 322	eP	P	17 38 45.5 +0.3
BJI	comp=Z,26nm,0.7s		pmx	pmx	
BJI	comp=Z,44nm,0.8s		pmx	pmx	
BJI	comp=Z,310nm,4.1s		pmx	pmx	
TIY	Taiyuan	75.65 318	eP	P	17 38 51.3 +1.0
TIY	comp=Z,55nm,1.1s		pmx	pmx	
LAMP	Lampang	75.72 295	P	P	17 38 52.4 +1.4
LAMP	comp=Z,39nm,0.9s,comp=Z,264nm				
XAN	Xi'an	75.89 313	P	P	17 38 51.8 +0.1
XAN	comp=Z,29nm,1.3s		pmx	pmx	
XAN	comp=Z,330nm,5.8s		pmx	pmx	
KMI	Kunming	76.02 303	P	P	17 38 54.5 +1.6
KMI	comp=Z,110nm,1.1s		pmx	pmx	
CM01	Chiang Mai Arr	76.25 295	eP	P	17 38 54.8 +0.7
CM31	Chiang Mai Arr	76.28 295	eP	P	17 38 55.9 +1.7
CMAR	Chiang Mai Arr	76.28 295	eP	P	17 38 55.7 +1.5
CMAR	comp=Z,37nm,0.8s,baz=131,slow=4.5,SNR=236				
CMAR	Chiang Mai Arr	76.28 295	eP	P	17 58 08.9 +0.8
CMAR	comp=Z,0.4nm,0.8s,baz=304,slow=3.6,SNR=5.1				
CMAR	Chiang Mai Arr	76.28 295	eP	P	17 38 55.7 +1.5
CMAR	comp=Z,40nm,0.8s		pmx	pmx	
CMMT	Chiang Mai	76.42 295	P	P	17 38 56.1 +1.0
CMMT	comp=Z,77nm,1.3s,comp=Z,626nm				
CHTO	Chiang Mai	76.43 295	P	P	17 38 56.2 +1.1
CHTO	comp=Z,34nm,1.4s,comp=Z,23um				
CHTO	Chiang Mai	76.43 295	eP	P	17 38 56.4 +1.3
CHTO	comp=Z,50nm,0.9s		pmx	pmx	
CHTO	Chiang Mai	76.43 295	eP	P	17 38 56.4 +1.3
CHTO	comp=Z,34nm,0.8s		pmx	pmx	
CMAI	Chiang Mai	76.43 295	eP	P	17 38 56.4 +1.3
CMAI	comp=Z,953nm,1.1s,comp=Z,131um				
CD2	Chengdu	77.99 308	P	P	17 39 04.0 +0.3
CD2	comp=Z,90nm,1.1s		pmx	pmx	
CD2	comp=Z,570nm,7.8s		pmx	pmx	
CD2	comp=Z,510nm,5.4s		pmx	pmx	
CD2	comp=Z,330nm,5.4s		pmx	pmx	
HHC	Hu-ho-hao-te	78.06 320	eP	P	17 39 05.0 +1.1
HHC	comp=Z,22nm,0.9s		pmx	pmx	
HHC	comp=Z,170nm,5.8s		pmx	pmx	
HHC	comp=Z,620nm,17.3s		pmx	pmx	
HHC	comp=Z,390nm,16.8s		pmx	pmx	
HHC	comp=Z,780nm,19.7s		pmx	pmx	
MA2	Magadan	78.44 352	eP	P	17 39 05.6 +0.2
HIA	Hailar	79.09 331	eP	P	17 39 09.3 0.0
HIA	comp=Z,19nm,1.0s		pmx	pmx	
HIA	Hailar	79.09 331	eP	P	17 39 09.3 0.0
HIA	comp=Z,19nm,1.0s		pmx	pmx	
ZEa	Zeya	79.27 337	eP	P	17 39 11.2 +1.1
ZEa	comp=N,29nm,1.2s		pmx	pmx	
LZH	Lanzhou	80.50 313	eP	P	17 39 18.7 +1.3
LZH	comp=Z,39nm,1.2s		pmx	pmx	
LZH	comp=Z,210nm,5.5s		pmx	pmx	
LZH	comp=Z,350nm,14.1s		pmx	pmx	
LZH	comp=Z,180nm,14.2s		pmx	pmx	
PAF	Port-aux-Franc	81.05 221	eP	P	17 39 21.0 +1.1
PAF	comp=Z,410nm,1.7s		pmx	pmx	
SEY	Seymchan	81.49 353	eP	P	17 39 22.7 +0.9
OHAK	Old Harbor	81.81 20	eP	P	17 39 24.3 +0.7
OHAK	comp=Z,195nm,1.3s		pmx	pmx	
KDAK	Kodiak Island	82.49 20	P	P	17 39 27.5 +0.4
KDAK	comp=Z,45nm,1.0s,baz=128,slow=6.6,SNR=5.0				
KDAK	Kodiak Island	82.49 20	eP	P	17 39 27.6 +0.4
KDAK	comp=Z,181nm,1.5s		pmx	pmx	
GAMB	Gambell	83.12 9	eP	P	17 39 31.4 +1.2
GAMB	comp=Z,34nm,1.0s		pmx	pmx	
CIT	Chita	83.87 330	eP	P	17 39 34.7 +0.2
CIT	comp=Z,47nm,1.8s		pmx	pmx	
BRDH	Bariadhala	84.22 296	P	P	17 39 38.3 +1.3
BRDH	comp=Z,127nm,0.3s,baz=313,slow=4.5,SNR=7.4				
SVW2	Sparrevoth	84.24 17	eP	P	17 39 37.3 +1.2
SVW2	comp=Z,79nm,1.4s		pmx	pmx	
CNPM	China Poot	84.29 20	P	P	17 39 37.3 +0.8
CNPM	comp=Z,224nm,1.3s		pmx	pmx	
BRLK	Bradley Lake	84.59 20	eP	P	17 39 38.7 +0.7
BRLK	comp=Z,67nm,0.8s		pmx	pmx	
ULN	Ulaanbaatar	84.75 324	eP	P	17 39 39.3 +0.1
ULN	comp=Z,40nm,1.2s		pmx	pmx	
ULN	comp=Z,29nm,1.0s		pmx	pmx	
GTA	Gaotai	84.91 314	eP	P	17 39 40.8 +0.6
GTA	comp=Z,29nm,1.0s		pmx	pmx	
GTA	comp=Z,29nm,1.0s		pmx	pmx	

GTA	comp=Z,37nm,0.8s		pmx	pmx	
SONAO	Songino Array	85.10 324	eP	P	17 39 41.0 +0.1
SONM	Songino Array	85.10 324	eP	P	17 39 41.0 +0.1
SONM	comp=Z,79nm,1.1s,baz=149,slow=3.6,SNR=51				
SONA1	Songino Array	85.10 324	eP	P	17 39 41.0 0.0
SHL	Shilong	85.11 299	eP	P	17 39 42.0 +0.4
YAK	Yakutsk	85.12 343	P	P	17 39 40.9 +0.4
YAK	comp=Z,83nm,0.8s,baz=98,slow=0.3,SNR=63				
YAK	Yakutsk	85.12 343	eP	P	17 39 40.7 +0.2
YAK	comp=Z,160nm,1.1s		pmx	pmx	
YAK	comp=E,17nm,1.1s		pmx	pmx	
YAK	comp=N,33nm,1.2s		pmx	pmx	
YAK	comp=N,21nm,2.0s		pmx	pmx	
YAK	comp=Z,29nm,1.1s		pmx	pmx	
YAK	comp=E,20nm,1.9s		smx	smx	
YAK	comp=N,72nm,3.1s		smx	smx	
YAK	comp=E,1.0nm,1.4s		smx	smx	
YAK	Yakutsk	85.12 343	eP	P	17 39 41.1 +0.5
YAK	comp=E,168nm,1.0s		pmx	pmx	
SPU	Mount Spurr	85.33 18	eP	P	17 39 41.9 +0.2
SYO	Syowa Base	85.61 197	eP	P	17 39 38.5 -6.6
SYO	Syowa Base	85.61 197	eP	P	17 39 41.0 -2.1
SYO	Syowa Base	85.61 197	iP	P	17 39 45.0 -1.0
BILL	Bilibino	85.77 360	iP	P	17 39 44.0 +0.3
BILL	comp=Z,47nm,1.2s		pmx	pmx	
BILL	comp=Z,17nm,2.0s		pmx	pmx	
RC01	Rabbit Creek A	85.98 19	eP	P	17 39 45.5 +0.7
RC01	comp=Z,17nm,2.0s		pmx	pmx	
MCCM	Marconi Confer	86.00 48	eP	P	17 39 46.5 +1.0
MCCM	comp=Z,255nm,1.6s		pmx	pmx	
KCPM	Cahto Peak	86.20 46	eP	P	17 39 48.1 +1.5
KCPM	comp=Z,29nm,0.8s		pmx	pmx	
HOPS	Hopland Field	86.24 47	eP	P	17 39 46.6 0.0
HOPS	comp=Z,106nm,1.7s		pmx	pmx	
KMRM	Mali Ridge	86.36 46	eP	P	17 39 48.7 +1.4
KMRM	comp=Z,38nm,0.9s		pmx	pmx	
SAO	San Andreas Ge	86.42 50	eP	P	17 39 48.4 +0.8
SAO	comp=Z,17nm,1.0s		pmx	pmx	
SAO	San Andreas Ge	86.42 50	eP	P	17 39 48.4 +0.8
SAO	comp=Z,17nm,1.0s		pmx	pmx	
RDG13	Poverty Ridge	86.49 49	eP	P	17 39 48.6 +0.5
RDG13	comp=Z,17nm,0.9s		pmx	pmx	
PMR	Palmer	86.55 19	eP	P	17 39 48.2 +0.6
PMR	comp=Z,19nm,0.7s		pmx	pmx	
PMR	Palmer	86.55 19	eP	P	17 39 48.2 +0.6
PMR	comp=Z,19nm,0.7s		pmx	pmx	
SCZ2	Santa Cruz Isl	86.61 53	P	P	17 39 50.3 +1.7
SCZ2	baz=246				
KHMM	Horse Mountain	86.64 45	eP	P	17 39 49.5 +0.7
KHMM	comp=Z,45nm,1.3s		pmx	pmx	
PPLA	Purkeypile	86.74 17	eP	P	17 39 48.0 -0.3
PPLA	comp=Z,140nm,2.0s		pmx	pmx	
FID	Port Fidalgo	86.79 21	eP	P	17 39 49.1 +0.3
FID	comp=Z,52nm,1.1s		pmx	pmx	
PKM	Mcperson Peak	86.84 52	P	P	17 39 50.8 +0.8
PKM	baz=246				
SML	Sawmill	86.96 19	eP	P	17 39 50.3 +0.5
SML	comp=Z,120nm,1.8s		pmx	pmx	
SML	Sawmill	86.96 19	eP	P	17 39 50.2 +0.5
SML	comp=Z,124nm,1.8s		pmx	pmx	
CAST	Castle Rocks	87.08 17	eP	P	17 39 49.7 -0.5
CAST	comp=Z,59nm,0.8s		pmx	pmx	
LSA	Lhasa	87.28 302	eP	P	17 39 53.3 +0.7
LSA	comp=Z,87nm,1.8s		pmx	pmx	
LSA	Lhasa	87.28 302	eP	P	17 39 53.3 +0.7
LSA	comp=Z,87nm,1.8s		pmx	pmx	
DIV	Divide	87.30 21	eP	P	17 39 51.6 +0.2
DIV	comp=Z,32nm,1.1s		pmx	pmx	
SCM	Sheep Creek Mo	87.30 20	eP	P	17 39 51.1 -0.3
SCM	comp=Z,45nm,0.9s		pmx	pmx	
SCM	Sheep Creek Mo	87.30 20	eP	P	17 39 51.1 -0.3
SCM	comp=Z,45nm,0.9s		pmx	pmx	
L02D	Cave Junction,	87.31 44	P	P	17 39 53.1 +1.2
L02D	baz=243				
WDC	Whiskeytown Da	87.31 46	eP	P	17 39 52.5 +0.6
WDC	comp=Z,10.0nm,1.1s		pmx	pmx	
WDC	Whiskeytown Da	87.31 46	eP	P	17 39 52.5 +0.6
WDC	comp=Z,10.0nm,1.1s		pmx	pmx	
N02D	Trinity Center	87.38 45	P	P	17 39 53.3 +1.0
N02D	baz=244,SNR=6.0				
BOD	Bodaibo	87.39 335	eP	P	17 39 49.7 -2.1
BOD	comp=Z,12nm,1.4s		pmx	pmx	
BOD	Callahan	87.46 45	P	P	17 39 53.9 +1.2
BOD	baz=243,SNR=8.7				
M02C	Callahan	87.46 45	P	P	17 39 53.9 +1.2
M02C	baz=243,SNR=8.7				
KTH	Kantishna Hill	87.52 17	eP	P	17 39 51.0 -1.4
KTH	comp=Z,34nm,0.9s		pmx	pmx	
NVL	Klutina	87.52 20	eP	P	17 39 51.7 -0.8
NVL	comp=Z,114nm,1.8s		pmx	pmx	
ORV	Oroville	87.58 47	eP	P	17 39 54.2 +1.0
ORV	comp=Z,9.0nm,0.9s		pmx	pmx	
ORV	Oroville	87.58 47	eP	P	17 39 54.2 +1.0
ORV	comp=Z,9.0nm,0.9s		pmx	pmx	
TRF	Thorofare Moun	87.62 18	eP	P	17 39 52.3 -0.8
TRF	comp=Z,41nm,1.1s		pmx	pmx	
AFDM	Forest Hills D	87.69 48	eP	P	17 39 54.5 +0.7
AFDM	comp=Z,13nm,0.9s		pmx	pmx	
Y03D	Paynes Creek	87.69 46	P	P	17 39 54.1 +0.3
Y03D	baz=244,SNR=7.7				
OHBD	Yreka Blue Hor	87.71 45	P	P	17 39 54.7 +0.8
OHBD	comp=Z,6.5nm,0.8s,baz=344,slow=1.9,SNR=15				
YBH	Yreka Blue Hor	87.71 45	eP	P	17 39 55.2 +1.3
YBH	comp=Z,8.5nm,0.9s		pmx	pmx	
CMB	Columbia Colle	87.72 49	eP	P	17 39 54.9 +0.9
CMB	comp=Z,10.0nm,0.8s		pmx	pmx	
CMB	Columbia Colle	87.72 49	eP		

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains meteor sighting data for stations like PSZ, MORC, VYHS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains meteor sighting data for stations like DZM, HNR, EIDS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains meteor sighting data for stations like SYO, M02C, RPV, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, VWA Warramunga Arr, etc.

ISC 02 18:01:19.1-30.0, 16.20S, 175.90W, h0km, mb4.4/4, mb1 4.6/4, mb1mx3.8/54, mbtmp4.4/4, Error ellipse: s-maj=579.2km s-min=140.2km az=84.0, Tonga Islands

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

NEIC 02 18:05:59.7-1.0, 17.82S; 166.50E, h10km, mb4.3/2, Error ellipse: s-maj=46.4km s-min=15.0km az=153.0

ISC 02 18:06:00.1-2.7, 17.64S; 166.22E, h0km, mb4.0/6, mb1 4.2/6, mb1mx3.8/47, mbtmp4.0/6, Error ellipse: s-maj=86.9km s-min=32.4km az=137.0

ISCJBJ 02 18:06:01.7-1.2, 17.95S; 0.3-166.45E, 0.2, h33km, mb3.9/7, Error ellipse: s-maj=53.3km s-min=16.7km az=152.4

ISC 02 18:06:03.6-1.4, 17.95S; 0.4-166.5E, 0.3, h35km, n11, 059171.1, mb3.9/7, Vanuatu Islands

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

MAN 02 18:08:08, 13.65N; 120.59E, h77km, mb3.9, ML2.7, MS2.4, 1C, Mindoro

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LUBP Lubang, PGP Puerto Galera, etc.

ISC 02 18:19:26.2-0.0, 17.49S; 167.19E, h0km, mb3.7/4, mb1 3.9/5, mb1mx3.6/44, mbtmp3.7/5, ML3.6/1, Error ellipse: s-maj=52.8km s-min=31.9km az=127.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, STKA Stephens Creek, etc.

ISC 02 18:21:35.2-1.9, 17.37S; 167.36E, h0km, mb3.8/5, mb1 4.1/6, mb1mx3.7/48, mbtmp3.9/6, ML4.0/1, Error ellipse: s-maj=50.8km s-min=29.9km az=133.0

ISCJBJ 02 18:21:36.6-1.6, 17.60S; 0.09-167.3E-0.2, h19km, mb3.7/4, Error ellipse: s-maj=30.3km s-min=12.8km az=178.7

ISC 02 18:21:38.1-1.7, 17.65S; 0.1-167.4E, 0.2, h19km, n6, 014477, mb3.7/4, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, CTA Charters Tower, etc.

CSEM 02 18:21:42.5-0.2, 38.72N; 43.29E, h10km, ML2.4, Error ellipse: s-maj=5.9km s-min=3.8km az=120.0

DDA 02 18:21:42.6, 38.72N; 43.30E, h7km, ML2.5

ISK 02 18:21:42.1, 38.72N; 43.26E, h6km, ML2.4/4

ISC 02 18:21:44.3-0.8, 38.72N; 0.02-43.30E, 0.03, h17km, 6km, n25, 011744, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like VANB Van, GURU Guroymak-BITLI, etc.

ISC 02 18:23:39.6-999.0, 52.03N; 5.62E, h0km, Error ellipse: s-maj=427.3km s-min=122.6km az=113.0, The Netherlands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like I26DE FREYUNG INFRAS, I43RU DUINA INFRAS, etc.

ISC 02 18:33:36.5-4.0, 17.86S; 166.98E, h0km, mb3.9/5, mb1 4.1/7, mb1mx3.8/52, mbtmp4.0/7, ML4.0/2, Error ellipse: s-maj=72.8km s-min=38.9km az=78.0

ISCJBJ 02 18:33:38.7-1.1, 17.84S; 0.07-166.8E, 0.1, h20km, mb4.1/8, Error ellipse: s-maj=20.5km s-min=10.2km az=172.8

NEIC 02 18:33:38.5-0.9, 17.80S; 166.93E, h10km, mb4.1/3, Error ellipse: s-maj=19.7km s-min=15.9km az=101.0

ISC 02 18:33:39.9-1.3, 17.81S; 0.09-167.0E, 0.2, h20km, n14, 058616, mb3.9/7, Vanuatu Islands

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

ISC 02 18:44:23.8-2.6, 36.32N; 71.31E, h200km, 24km, mb3.3/13, mb1 3.4/20, mb1mx3.2/72, mbtmp4.0/20, Error ellipse: s-maj=19.2km s-min=13.0km az=10.0

ISCJBJ 02 18:44:27.0-0.3, 36.35N; 0.03-71.43E, 0.05, h250km, mb3.5/13, Error ellipse: s-maj=6.3km s-min=3.6km az=157.0

NINC 02 18:44:28.3-4.9, 36.97N; 70.61E, h0km, mb4.7, mpv4.3, Error ellipse: s-maj=32.5km s-min=27.0km az=137.0

ISC 02 18:44:26.6-0.5, 36.47N; 0.05-71.39E, 0.06, h250km, n54, 02604/4, mb3.7/13, 6C-7D, Afghanistan-Tajikistan border region

s-min=7.8km az=135.8

ISC 02 18:35:31.7-0.6, 17.64S; 0.07-167.3E, 0.1, h19km, n49, 01324/6, mb4.6/22, Vanuatu Islands

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

ISC 02 18:40:31.5-1.8, 17.63S; 167.45E, h0km, mb3.8/5, mb1 4.0/6, mb1mx3.8/47, mbtmp3.8/6, ML3.8/1, Error ellipse: s-maj=48.2km s-min=25.2km az=117.0

ISCJBJ 02 18:40:34.1-1.4, 17.66S; 0.08-167.3E-0.2, h19km, mb3.7/5, Error ellipse: s-maj=34.0km s-min=11.8km az=3.3

ISC 02 18:40:34.7-1.5, 17.65S; 0.1-167.4E, 0.3, h19km, n6, 059171, mb3.8/5, Vanuatu Islands

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

ISC 02 18:40:54.8-2.8, 18.59S; 167.83E, h0km, mb3.7/5, mb1 4.0/5, mb1mx3.7/44, mbtmp3.7/5, MS3.6/1, Ms1 3.6/1, ms1mx2.8/38, Error ellipse: s-maj=100.4km s-min=31.8km az=139.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAO Raoul Island, STKA Stephens Creek, etc.

ISC 02 18:44:23.8-2.6, 36.32N; 71.31E, h200km, 24km, mb3.3/13, mb1 3.4/20, mb1mx3.2/72, mbtmp4.0/20, Error ellipse: s-maj=19.2km s-min=13.0km az=10.0

ISCJBJ 02 18:44:27.0-0.3, 36.35N; 0.03-71.43E, 0.05, h250km, mb3.5/13, Error ellipse: s-maj=6.3km s-min=3.6km az=157.0

NINC 02 18:44:28.3-4.9, 36.97N; 70.61E, h0km, mb4.7, mpv4.3, Error ellipse: s-maj=32.5km s-min=27.0km az=137.0

ISC 02 18:44:26.6-0.5, 36.47N; 0.05-71.39E, 0.06, h250km, n54, 02604/4, mb3.7/13, 6C-7D, Afghanistan-Tajikistan border region

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like DZM, HNR, AF1, CTA, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like BILL, M02C, A03D, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like FETA, FUORN, TOAD, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries like AS01 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries like YAK Yakutsk, SOMN Songo Array, SONM Songo Array, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries like U15A North Rim, WUAZ Wupatzki, HLID Hailey, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FURN Offenpass-Fuorn, ECH Echery, TUE Suetta, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, DZM Warramunga Arr, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, DZM Warramunga Arr, STKA Stephens Creek, etc.

IDC 02 19:51:31.67.9.5.95S:161.08E,h37km,63km,mb4.0/4, mb1 4.3/5, mb1mx3.6/48, mbtmtp3.8/6, ML3.9/2, Error ellipse: s-maj=97.8km s-min=35.9km az=130.0

IDC 02 20:06:38.3.1.9.43:57N:105:34W,h0km,mb4.4/1, mb1 3.9/4, mb1mx3.4/67, mbtmtp3.7/4, ML3.4/3, Error ellipse: s-maj=43.9km s-min=3.7km az=151.0

IDC 02 20:08:52.6.0.3.14:85N:93:24W,h16km,999km,MD3.7, Near coast of Chiapas

IDC 02 19:51:33.7.1.3.6.05S:151.10E,h58km,11km,mb4.2/2, Error ellipse: s-maj=48.9km s-min=7.8km az=132.0

IDC 02 20:06:38.3.1.9.43:57N:105:34W,h0km,mb4.4/1, mb1 3.9/4, mb1mx3.4/67, mbtmtp3.7/4, ML3.4/3, Error ellipse: s-maj=43.9km s-min=3.7km az=151.0

IDC 02 20:22:43.0.2.0.17:31S:167:25E,h0km,mb3.7/4, mb1 4.0/5, mb1mx3.7/48, mbtmtp3.8/5, ML3.6/1, Error ellipse: s-maj=53.3km s-min=32.9km az=126.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RABL Rabaul, PMG Port Moresby, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RSSD Black Hills, K22A Casper, K22A Casper, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, STKA Stephens Creek, WRA Warramunga Arr, etc.

IDC 02 19:52:45.0.3.9.17:50S:167:15E,h0km,mb3.7/4, mb1 4.0/6, mb1mx3.7/45, mbtmtp3.8/6, ML3.9/2, Error ellipse: s-maj=72.6km s-min=39.1km az=83.0

IDC 02 20:06:38.3.1.9.43:57N:105:34W,h0km,mb4.4/1, mb1 3.9/4, mb1mx3.4/67, mbtmtp3.7/4, ML3.4/3, Error ellipse: s-maj=43.9km s-min=3.7km az=151.0

IDC 02 20:22:43.0.2.0.17:31S:167:25E,h0km,mb3.7/4, mb1 4.0/5, mb1mx3.7/48, mbtmtp3.8/5, ML3.6/1, Error ellipse: s-maj=53.3km s-min=32.9km az=126.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, AS31 Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LAO LASA Array, LAO LASA Array, RLMT Red Lodge, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, STKA Stephens Creek, WRA Warramunga Arr, etc.

IDC 02 19:52:46.0.0.8.17:58S:0:07:167:0E:0.1,h12km,mb4.3/8, Error ellipse: s-maj=16.6km s-min=10.4km az=7.5

IDC 02 20:06:38.3.1.9.43:57N:105:34W,h0km,mb4.4/1, mb1 3.9/4, mb1mx3.4/67, mbtmtp3.7/4, ML3.4/3, Error ellipse: s-maj=43.9km s-min=3.7km az=151.0

IDC 02 20:22:43.0.2.0.17:31S:167:25E,h0km,mb3.7/4, mb1 4.0/5, mb1mx3.7/48, mbtmtp3.8/5, ML3.6/1, Error ellipse: s-maj=53.3km s-min=32.9km az=126.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, CTA Charters Tower, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BOZ Bozeman (W), BOZ Bozeman (W), HWUT Hardware Ranch, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, STKA Stephens Creek, WRA Warramunga Arr, etc.

IDC 02 19:53:10.2.1.9.17:27S:167:40E,h0km,mb4.0/3, mb1 4.2/4, mb1mx3.8/45, mbtmtp4.0/4, ML4.1/1, Error ellipse: s-maj=63.0km s-min=31.3km az=125.0, Vanuatu Islands

IDC 02 20:06:38.3.1.9.43:57N:105:34W,h0km,mb4.4/1, mb1 3.9/4, mb1mx3.4/67, mbtmtp3.7/4, ML3.4/3, Error ellipse: s-maj=43.9km s-min=3.7km az=151.0

IDC 02 20:22:43.0.2.0.17:31S:167:25E,h0km,mb3.7/4, mb1 4.0/5, mb1mx3.7/48, mbtmtp3.8/5, ML3.6/1, Error ellipse: s-maj=53.3km s-min=32.9km az=126.0, Vanuatu Islands

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CHJO Chosi, JHO Hitachi, JFK Kawachi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, STKA Stephens Creek, WRA Warramunga Arr, etc.

IDC 02 20:02:24.7.1.9.17:28S:167:41E,h0km,mb3.9/4, mb1 4.2/5, mb1mx3.8/48, mbtmtp4.0/5, Error ellipse: s-maj=56.5km s-min=30.4km az=130.0

IDC 02 20:06:38.3.1.9.43:57N:105:34W,h0km,mb4.4/1, mb1 3.9/4, mb1mx3.4/67, mbtmtp3.7/4, ML3.4/3, Error ellipse: s-maj=43.9km s-min=3.7km az=151.0

IDC 02 20:22:43.0.2.0.17:31S:167:25E,h0km,mb3.7/4, mb1 4.0/5, mb1mx3.7/48, mbtmtp3.8/5, ML3.6/1, Error ellipse: s-maj=53.3km s-min=32.9km az=126.0, Vanuatu Islands

2d 20h

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and other parameters. Includes stations like ASAJ, NJ2, YSS, PSI, PETK, etc.

2012 FEB

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and other parameters. Includes stations like YBH, CMB, HUMO, etc.

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Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and other parameters. Includes stations like BNI, BNC, ESC, etc.

2d 21h

ISCJB 02 21:34:39.71.3, 17.98S; 0108:166E; 9E:0.2, h20km, mb3.6/6, Error ellipse: s-maj=31.5km s-min=11.1km az=177.9

ISC 02 21:34:41.1.1.4, 17.96S; 010x:167.0E:0.3, h20km, n7, 0156/8, mb3.7/6, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Rows include DZM, DZM, DZM, STKA, WRA, ASAR, CMAR, SONM, ILAR.

NEIC 02 21:38:34.5.0.2, 16.66S; 173.97W, h10km, mb4.8/8.0, Error ellipse: s-maj=9.5km s-min=4.7km az=150.0

BUI 02 21:38:34.6, 16.35S; 173.85W, h13km, mb5.0/24, mb5.4/12, Ms5.0/5, Ms7.4/7.5

IDC 02 21:38:44.3.2.8, 16.71S; 173.91W, h88km, 24km, mb4.2/25, mb1.4/4.26, mb17m6.4/260, mbtmp4.5/28, Error ellipse: s-maj=17.9km s-min=11.7km az=141.0

ISCJB 02 21:45:8.0.3, 16.69S; 0108:173.93W:0.06, h111km, mb4.6/122, Error ellipse: s-maj=11.9km s-min=6.1km az=155.2

ISC 02 21:38:46.9.0.4, 16.68S; 0109:173.76W:0.10, h111km, n221, 0138/229, mb4.5/122, 15C-8D, Tonga Islands

Main table of station data for the 2d 21h period, listing station names, coordinates, and various parameters.

2012 FEB

Main table of station data for the 2012 FEB period, listing station names, coordinates, and various parameters.

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Main table of station data for the 112 period, listing station names, coordinates, and various parameters.

IDC 021:40:44.8:0.17:80S:167.04E, h0km, mb4.1/1, mb1.4/6, mb1mx3.9/52, mbtmp4.1/6, ML3.8/1, Error ellipse: s-maj=68.4km, s-min=33.8km, az=97.0

ISJCJB 021:40:45.9:0.6, 17.86S:0.07:167.05E:0.10, h20km, mb4.3/12, Error ellipse: s-maj=13.4km, s-min=9.2km, az=11.4

NEIC 021:40:46.1:0.4, 17.83S:167.06E, h10km, mb4.4/7, Error ellipse: s-maj=10.9km, s-min=7.9km, az=151.0

ISC 021:40:47.0:0.8, 17.85S:0.09:167.1E:0.11, h20km, n15, 0:52/16, mb4.2/12, Vanuatu Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
DZM	Mont Dzumac	4.24	188	Op	21 41 50.8	+0.5
DZM		5.3m, 0.3s, bsz=316, slow=18, SNR=3.2				
DZM		6.8m, 0.3s, bsz=315, slow=19, SNR=4.2				
EIDS	Eidsvold	16.63	241	Pn	21 44 39.8	+0.1
EIDS		2.0m, 0.8s				
AFI	Afiamau	20.72	82	P	21 45 27.2	0.0
AFI		6.3m, 0.3s				
PMG	Port Moresby	21.07	291	eP	21 45 29.8	-1.0
PMG		11m, 0.8s				
STKA	Stephens Creek	26.91	234	P	21 46 28.1	+0.6
STKA		4.9m, 0.6s, bsz=94, slow=10, SNR=6.3				
WRA	Warramunga Arr	31.00	261	P	21 47 03.8	-0.3
WRA		0.6m, 0.6s, bsz=80, slow=8, SNR=5.1				
ASAR	Alice Springs	31.49	254	P	21 47 08.3	-0.2
ASAR		2.4m, 0.9s, bsz=80, slow=8, SNR=6.0				
MBWA	Mariela Bar	44.61	258	P	21 48 58.9	-0.1
MBWA		4.5m, 0.5s				
COCO	West Island	67.73	264	eP	21 51 44.9	-0.1
COCO		78m, 0.3s				
CMAR	Chiang Mai Arr	76.05	295	P	21 52 35.3	+1.1
CMAR		2.3m, 1.0s, bsz=117, slow=11, SNR=6.2				
CHTO	Chiang Mai	76.20	295	P	21 52 35.4	+0.3
CHTO		0.6m, 0.6s				
HIA	Hailar	78.89	331	P	21 52 49.4	-0.1
HIA		1.8m, 0.5s				
SONM	Songing Array	84.88	324	P	21 53 20.8	-0.4
SONM		0.9m, 0.9s, bsz=126, slow=2.0, SNR=3.7				
CMB	Columbia Colle	87.79	49	P	21 53 35.5	-0.1
CMB		0.6m, 0.7s				
NEW	Newport	94.06	40	P	21 54 04.6	0.0
NEW		5.2m, 0.7s				

ISJCJB 021:45:33.2:0.8, 17.52S:0.06:167.2E:0.1, h12km, mb4.1/10, Error ellipse: s-maj=19.0km, s-min=8.9km, az=3.3

IDC 021:45:33.1:1.1, 17.46S:167.22E, h0km, mb4.2/10, mb1.4/5.11, mb1.4/5.2, mbtmp4.2/11, ML4.7/1, Error ellipse: s-maj=35.5km, s-min=19.8km, az=134.0

NEIC 021:45:34.0:0.6, 17.47S:167.25E, h10km, mb4.3/1, Error ellipse: s-maj=15.4km, s-min=11.5km, az=106.0

ISC 021:45:34.7:0.8, 17.51S:0.06:167.2E:0.11, h12km, n17, 0:87/18, mb4.2/10, Vanuatu Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
DZM	Mont Dzumac	4.59	189	Op	21 46 44.3	+0.1
DZM		31m, 0.3s, bsz=78, slow=12, SNR=3.2				
DZM		22m, 0.3s, bsz=316, slow=23, SNR=7.4				
HNR	Honiara	10.70	318	Pn	21 48 07.3	-0.7
HNR		Charter Tower				
HNR		5.9m, 0.8s, bsz=86, slow=18, SNR=3.5				
STKA	Stephens Creek	27.23	234	P	21 51 20.0	+1.3
STKA		6.5m, 1.0s, bsz=78, slow=9, SNR=8.1				
WRA	Warramunga Arr	31.20	260	P	21 51 53.3	-0.9
WRA		1.2m, 0.6s, bsz=89, slow=8, SNR=1.1				
ASAR	Alice Springs	31.73	253	P	21 51 58.7	-0.2
ASAR		2.7m, 0.5s, bsz=78, slow=8, SNR=15				
FITZ	Fitzroy Crossi	39.53	263	P	21 53 06.1	+0.3
FITZ		12.3m, 0.8s, bsz=101, slow=9, SNR=2.2				
MJAR	Matsushiro Arr	60.35	333	P	21 55 42.9	-0.8
MJAR		1.7m, 0.8s, bsz=162, slow=8.9, SNR=3.6				
COCO	West Island	67.92	264	P	21 56 34.0	+0.2
COCO		0.8m, 0.3s				
ENH	Enshi	73.10	310	eP	21 57 05.0	-0.3
ENH		0.8m, 0.3s				
CMAR	Chiang Mai Arr	76.05	295	P	21 57 23.8	+1.2
CMAR		1.1m, 0.9s, bsz=134, slow=5.0, SNR=8.2				
SONM	Songing Array	84.70	324	P	21 58 08.1	-0.6
SONM		0.8m, 0.7s, bsz=134, slow=6.2, SNR=5.1				
NVAR	Mina Array	89.12	49	P	21 58 31.5	+1.0
NVAR		0.0m, 0.3s, bsz=224, slow=5.0, SNR=3.7				
ILAR	Eielson Array	89.27	18	P	21 58 29.5	-0.4
ILAR		0.9m, 0.7s, bsz=239, slow=5.1, SNR=3.6				
ARCS	ARCS Array B	122.92	345	PKP	22 04 30.2	-0.1
ARCS		4.9m, 1.0s, bsz=94, slow=2.8, SNR=3.9				
ESDC	Sonsec Array	156.63	343	PKPab	22 06 00.2	+1.1
ESDC		0.9m, 0.7s, bsz=350, slow=5.0, SNR=3.9				
TORD	Torodi Arr, Bea	165.38	254	PKP	22 05 38.8	-1.4
TORD		1.2m, 1.1s, bsz=89, slow=4.0, SNR=4.7				

IDC 021:47:50.9:0.7, 17.59S:167.26E, h0km, mb4.4/18, mb1.4/6/19, mb1mx4.4/48, mbtmp4.4/19, ML5.0/1, MS3.9/10, Ms1.3/9/10, ms1mx3.8/19, Error ellipse: s-maj=20.4km, s-min=16.0km, az=128.0

ISJCJB 021:47:51.5:0.3, 17.56S:0.05:167.17E:0.06, h12km, mb4.0/51, MS4.1/10, Error ellipse: s-maj=6.3km, s-min=7.1km, az=32.4

NEIC 021:47:52.7:3.2, 17.58S:167.24E, h11km, 19km, mb4.9/15, Error ellipse: s-maj=6.4km, s-min=6.1km, az=213.0

GCMT 021:47:52.7:0.4, 17.40S:167.05E, h22km, 1km, MW5.1/71, Moment Tensor Solution. s10,c10; s71,c95; Duration: 0 Moment tensor: Scale 10¹⁹N; Mr=6.42E-59; Mw=1.71E-32; M_{pp}=4.71E-34; M_{xx}=0.79E-31; M_{yy}=0.45E-31; Mw=0.31E-46; Best double couple: M=6.42E-59; NP1=0.182E-00000; 0.64E-00000; -0.98E-00000; NP2: 0.14E-00000; 0.44E-00000; -0.82E-00000; Principal axes: T: 4.7780, P: 19.0000, Azm=278.0000; N: 1.7290, P: 0.0000, Azm=188.0000; P: 6.5070, P: 0.0000, Azm=18.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

BJI 021:47:54.9, 16.97S:167.01E, h13km, mb4.7/24, mb5.2/12, MS4.9/4, MS7.4/6/2

ISC 021:47:53.0:0.5, 17.61S:0.06:167.2E:0.11, h12km, n97, 0:136/88, mb4.8/50, MS4.0/10, 1C, Vanuatu Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
DZM	Mont Dzumac	4.59	189	Op	21 49 01.9	+0.8
DZM		69m, 0.3s, bsz=71, slow=8.4, SNR=28.6				
DZM		28m, 0.3s, bsz=123, slow=23, SNR=8.1				
DZM		comp=Z, 254nm, 20.4s, bsz=1.5, LR				
DZM	Mont Dzumac	4.59	189	ePn	21 49 02.3	+1.2
DZM		353m, 0.3s				
DZM		252m, 0.5s				
DZM		15m, 23.7s				
HNR	Honiara	10.76	318	ePn	21 50 26.6	-0.5
RAO	Raouli Island	17.88	133	LR	21 57 34.9	
RAO		comp=Z, 822nm, 19.5s, bsz=22, SNR=38				
CTA	Charters Tower	19.98	260	P	21 52 27.0	-0.3
CTA		4.2m, 0.6s, bsz=91, slow=12, SNR=7.3				
URZ	Urewera	22.33	159	P	21 52 49.4	-1.3
URZ		3.5m, 0.5s, bsz=309, slow=16, SNR=5.4				
URZ		comp=Z, 196nm, 18.1s, bsz=352, slow=34				
RPZ	Rata Peaks	26.23	174	LR	22 03 11.5	
RPZ		comp=Z, 186nm, 18.1s, bsz=348, slow=35				
STKA	Stephens Creek	27.17	234	P	21 53 37.5	+1.0
STKA		8.3m, 1.0s, bsz=60, slow=6.9, SNR=11				
STKA	Stephens Creek	27.17	234	eP	21 53 37.5	+1.0
STKA		7.4m, 1.6s				
WRAB	Tennant Creek	31.17	260	eP	21 54 12.6	+0.4
WRAB		74m, 0.2s				
WRA	Warramunga Arr	31.18	260	P	21 54 11.2	-1.2
WRA		2.9m, 0.9s, bsz=90, slow=8.5, SNR=2.1				
WRA		0.7m, 0.9s, bsz=90, slow=3.6, SNR=2=2				
RAR	Rarotonga	31.32	102	LR	22 04 33.7	
RAR		comp=Z, 177nm, 21.6s, bsz=250, slow=32				
AS01	Alice Springs	31.65	253	eP	21 54 16.1	-0.3
AS01		2.9m, 0.6s				
AS31	Alice Springs	31.69	253	eP	21 54 17.8	+1.0
AS31		2.9m, 0.6s				

ASAR	Alice Springs	31.70	253	P	21 54 16.2	-0.6
ASAR		6.8m, 0.7s, bsz=79, slow=7.9, SNR=2.1				
ASAR		comp=Z, 948nm, 20.9s, bsz=93, slow=35				
GUMO	Guam	31.28	301	LR	22 07 43.2	
GUMO		comp=Z, 275nm, 21.2s, bsz=138, slow=1				
GUMO	Guam	38.04	323	eP	21 55 10.6	-1.0
GUMO		567m, 1.7s				
FITZ	Fitzroy Crossi	39.53	263	P	21 55 24.5	+0.5
FITZ		3.4m, 1.0s, bsz=132, slow=7.8, SNR=5.2				
ANA2	Anatahan	39.83	327	eP	21 55 25.8	-0.7
TBI	Tubiua	40.88	105	eLR	22 06 57.4	
TBI		100m, 28.2s				
PPT2	Papeete	41.12	97	eLR	22 07 09.4	
PPT2		11m, 30.8s				
PPT2	Papeete	41.13	97	LR	22 07 55.1	
PPT2		comp=Z, 397nm, 20.1s, bsz=233, slow=29				
BATI	Baumata	42.83	274	P	21 55 50.2	-1.1
BATI		2.0m, 0.7s, bsz=104, slow=14, SNR=2.2				
TAOE	Nuku Hiva Isla	51.84	87	eLR	22 12 06.0	
TAOE		901m, 25.8s				
RJT	Rikitea	54.20	106	eLR	22 13 05.3	
RJT		1.1m, 0.3s				
ROW	Kunigami	51.23	319	LR	22 22 56.6	
ROW		comp=Z, 95nm, 18.7s, bsz=136, slow=36				
MJAR	Matsushiro Arr	60.43	333	P	21 58 02.9	+0.3
MJAR		7.5m, 1.0s, bsz=166, slow=6.9, SNR=7.7				
KSR5	Korea Arr	66.08	327	P	21 58 39.6	-0.4
KSR5		1.8m, 0.8s, bsz=132, slow=7.5, SNR=4.0				
KSAR	Wonju Array Be	66.09	327	P	21 58 39.6	-0.5
NJ2	Nanjing	67.03	317	eP	21 58 57.0	+0.1
NJ2		comp=Z, 200m, 1.0s				
YSS	Yuzh-Sakhalins	67.93	342	eP	21 58 51.4	-0.1
YSS		36m, 1.4s				
WHN	Wuhan	69.83	313	eP	21 59 06.7	+3.0
PETK	Petropavlovsk	70.90	354	eP	21 59 11.3	+1.5
PETK		5.1m, 0.9s, bsz=152, slow=6.5, SNR=4.6				
PETK		comp=Z, 48nm, 20.5s, bsz=160, slow=31				
PETK	Petropavlovsk	70.90	354	eP	21 59 11.1	+1.3
GSI	Gunungstoli	71.03	278	eP	21 59 10.8	-0.7
GSI		23m, 1.0s				

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

Table with columns: URLA, Izmir, URLA, Izmir, URLA, Izmir, etc. Rows include URLA, Izmir, URLA, Izmir, URLA, Izmir, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include 0.4nm, 0.8s, baz=256, slow=4.5, SNR=8, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include ISJCJB 02 21:56:40.0, 0.6, 39.09N, 0.02:27.30E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Ostrava-Krasne, Liptovska Anna, Niedzica, Dobruska-Polom, Vyhne, Pruhonice, Kasperske Hory.

IDC 02 23:53:50.5:38.0, 17.55S:167.34E, h0km, mb3.9/3, mb1 4.0/4, mb1mx3.7/45, mbtmp3.9/4, ML3.7/1, Error ellipse: s-maj=642.5km s-min=50.3km az=64.0, Vanuatu Islands

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

IDC 02 23:54:31.7:1.1, 17.66S:167.32E, h0km, mb4.0/6, mb1 4.3/7, mb1mx4.0/45, mbtmp4.0/7, ML3.7/1, Error ellipse: s-maj=50.4km s-min=26.3km az=121.0, IS/CJB 02 23:54:33.2:1.1, 17.74S:0.08:167.2E:0.2, h19km, mb3.9/6, Error ellipse: s-maj=33.2km s-min=11.2km az=1.7

IDC 02 23:54:34.5:1.5, 17.7S:0.1x167.4E:0.3, h19km, m7, s126/8, mb4.0/6, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, SONM Sogingo Array, ILAR Eielson Array.

TIR 02 23:55:21.4:1.1, 41.31N:20.35E, h6km, mb5km, ML2.8 SKO 02 23:55:21.8:1.1, 41.29N:20.30E, h29km, M1.7, ML2.2 ATH 02 23:55:21.5:1.1, 41.31N:20.35E, h18km, ML2.2/3, Error ellipse: s-maj=2.2km s-min=0.8km az=205.0

CSEM 02 23:55:22.6:0.3, 41.29N:20.31E, h2km, ML2.1, Error ellipse: s-maj=6.7km s-min=4.6km az=21.0 PDG 02 23:55:22.8:0.3, 41.33N:20.31E, h6km, ML2.5/13, Error ellipse: s-maj=0.5km s-min=0.7km az=0.0 BEO 02 23:55:24.1:0.4, 41.31N:20.31E, h0km, M2.1/7

IDC 02 23:55:22.8:1.1, 41.31N:20.02:31E, h0km, m9km, n60, s989/108, 12C-10D, Albania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TIR Tirane, PHP Peshkopia, OHR Ohrid, KRUS Krusevo, PUK Puka, BIA Bitola, FNA Florina, ULC Ulcinj, NEST Nestorio, BCI Bajram Curri, SKO Skopje, DRME Dracevica, Mon, DRME Dracevica, Mon, PENT Pentalofof, PVY Plav.

IDC 03 00:01:27.3:8.2, 17.93S:167.63E, h47km, 92km, mb3.8/4, mb1 4.1/5, mb1mx3.6/42, mbtmp4.1/5, ML3.5/1, MS3.3/1, Ms1 3.3/1, ms1mx2.7/50, Error ellipse: s-maj=86.1km s-min=38.8km az=145.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, RAO Raoul Island, STKA Charters Tower, CTA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, PETK Petropavlovsk, CMAR Chiang Mai Arr, SONM Sogingo Array, ILAR Eielson Array.

IDC 03 00:05:25.2:0.4, 19.24S:0.03:70.11W:0.06, h72km, 3km, mb3.9/9, Error ellipse: s-maj=9.3km s-min=4.5km az=161.4

GUC 03 00:05:26.2:0.5, 19.28S:70.11W, h55km, 2km, ML4.3 NEIC 03 00:05:26.0:0.0, 19.28S:70.11W, h56km, mb4.22, ML4.2(GUC), Alter GUC.

NEIC Feil [I] at Alto Hospicio, Camina, Huara, Iquique, La Chiriqueta, Mami and Plaza Almonte.

IDC 03 00:05:28.2:2.7, 19.06S:69.85W, h71km, 24km, mb3.8/8, mb1 4.0/11, mb1mx3.7/46, mbtmp4.2/11, MS3.2/5, Ms1 3.2/5, ms1mx2.9/50, Error ellipse: s-maj=25.7km s-min=17.4km az=76.0

IDC 03 00:05:26.2:0.7, 19.25S:0.04:70.09W:0.06, h57km, 6km, n43, s152/44, mb4.0/9, 2C-1D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PVY Podgorica, PDG Podgorica, TTG Podgorica, BUM Brajci-Budva, BUM Brajci-Budva, KPRO Kipourio, BEY Berane, IVA Berane, CRG Griva, CEME Cevo, KOME Kolasin, KOME Kolasin, IGTO Igoumenitsa, HCY Herceg Novi, HCY Herceg Novi, NKME Niksic, NKME Niksic, NKME Niksic, NKY Niksic, NKY Niksic, BARS Barje, BARS Barje, KNT Kendrick, SJES Sjenica, SJES Sjenica, LIT Litokhorost, LIT Litokhorost, BRY Bratogost, BRY Bratogost, UPM Unac-Piva, UPM Unac-Piva, THL Klokotos Trika, THL Klokotos Trika, STON Ston, STON Ston, AGG Agios Georgios, DIVS Divibare, DIVS Divibare.

IDC 02 23:56:48.5:2.0, 17.55S:167.23E, h0km, mb3.6/3, mb1 3.9/4, mb1mx3.6/42, mbtmp3.6/4, ML3.4/1, Error ellipse: s-maj=47.8km s-min=30.9km az=111.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array.

IDC 02 23:58:34.9:1.7, 17.65S:167.32E, h0km, mb4.1/8, mb1 4.3/9, mb1mx4.0/44, mbtmp4.1/9, ML3.6/1, MS4.3/1, Ms1 4.3/1, ms1mx2.8/43, Error ellipse: s-maj=47.7km s-min=22.5km az=125.0

ISC/JB 02 23:58:36.0:1.1, 17.78S:0.07:167.3E:0.2, h19km, mb4.0/7, Error ellipse: s-maj=26.4km s-min=10.3km az=5.2

IDC 02 23:58:37.8:1.2, 17.75S:0.10:167.3E:0.2, h19km, n10, s151/10, mb4.2/7, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, RAO Raoul Island, STKA Charters Tower, CTA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, PETK Petropavlovsk, CMAR Chiang Mai Arr, SONM Sogingo Array, ILAR Eielson Array.

IDC 03 00:01:27.3:8.2, 17.93S:167.63E, h47km, 92km, mb3.8/4, mb1 4.1/5, mb1mx3.6/42, mbtmp4.1/5, ML3.5/1, MS3.3/1, Ms1 3.3/1, ms1mx2.7/50, Error ellipse: s-maj=86.1km s-min=38.8km az=145.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, RAO Raoul Island, STKA Charters Tower, CTA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, PETK Petropavlovsk, CMAR Chiang Mai Arr, ILAR Eielson Array.

ISC/JB 03 00:05:25.2:0.4, 19.24S:0.03:70.11W:0.06, h72km, 3km, mb3.9/9, Error ellipse: s-maj=9.3km s-min=4.5km az=161.4

GUC 03 00:05:26.2:0.5, 19.28S:70.11W, h55km, 2km, ML4.3 NEIC 03 00:05:26.0:0.0, 19.28S:70.11W, h56km, mb4.22, ML4.2(GUC), Alter GUC.

IDC 03 00:05:28.2:2.7, 19.06S:69.85W, h71km, 24km, mb3.8/8, mb1 4.0/11, mb1mx3.7/46, mbtmp4.2/11, MS3.2/5, Ms1 3.2/5, ms1mx2.9/50, Error ellipse: s-maj=25.7km s-min=17.4km az=76.0

IDC 03 00:05:26.2:0.7, 19.25S:0.04:70.09W:0.06, h57km, 6km, n43, s152/44, mb4.0/9, 2C-1D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PVY Podgorica, PDG Podgorica.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMSG Minnye Minnye, PB11 IPOC Station P, PB12 IPOC Station P, ARCH Arica, PB08 IPOC Station P, PB01 IPOC Station P, PB02 IPOC Station P, PB07 IPOC Station P, PB09 IPOC Station P, LPAZ La Paz, SIV San Ignacio, NNA Nana, NNA Nana, LCO Las Campanas, LCO LCO, CPUP Villa Florida, CPUP Villa Florida, ATAH Atahualpa, TRQA Torquist, PTGA Pitinga, OTAV Otavalo, PTGA Paso Flores, SDV Santo Domingo, SDV Santo Domingo, RCBR Riachuelo, RCBR Riachuelo, SNAA Sanaa, ULM Lac du Bonnet, KOWA Kowa, KOWA Kowa, SCHO Schefferville, TORD Torodi Arr, H11S WAKE ISLAND Hyt26.47 279 T, H11S1 WAKE ISLAND Hyt26.47 279 T, H11S3 WAKE ISLAND Hyt26.49 279 T, H11N3 WAKE ISLAND Hyt26.49 281 T, H11N2 WAKE ISLAND Hyt26.51 281 T, H11N1 WAKE ISLAND Hyt26.51 281 T, WRA Warramunga Arr, ZALV Zalesovo Beam, ZALV Zalesovo Beam, AAK Ala-Archa, MKAR Makarani Array, KLR Kul Dur, SONM Sogingo Array, CD2 Chengdu.

ISC 03 00:06:12.5, 38.86N:38.88E, h29km, ML2.3/2, ISC/JB 03 00:06:14.1:1.4, 38.85N:0.03:38.92E:0.05, h28km, 22km, Error ellipse: s-maj=6.6km s-min=5.1km az=30.8

DDA 03 00:06:14.7, 38.83N:38.87E, h7km, M2.5, CSEM 03 00:06:14.1:0.2, 38.86N:38.91E, h20km, M2.5, Error ellipse: s-maj=3.9km s-min=3.5km az=152.0

ISC 03 00:06:13.7:1.0, 38.85N:0.03:38.88E:0.03, h16km, 10km, n16, s96/32, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ELZG Elazig, ELZG Elazig, PERTK Pertek, PERTK Pertek, KEMA Kemaliye, KEMA Kemaliye, TNCL Tunceli-Merkez, TNCL Tunceli-Merkez, MALT Malatya, MALT Malatya, ILIC ilic-Erzincan, ILIC ilic-Erzincan, HEKM Malatya Hekimh, HEKM Malatya Hekimh, AKCD Akcadag, AKCD Akcadag.

MEX 03 00:09:49.7:0.5, 14.84N:93.21W, h5km, MD3.7, Near coast of Chiapas

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

IDC 03 00:12:50.2:10.0, 17.43S:167.40E, h0km, mb3.8/4, mb1 4.0/5, mb1mx3.6/50, mbtmp3.8/5, ML3.5/1, MS4.0/1, Ms1 4.0/1, ms1mx2.8/41, Error ellipse: s-maj=175.1km s-min=38.6km az=68.0, Vanuatu Islands

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

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

comp=Z,0.5nm,0.3s,baz=309,slow=5.0,SNR=6.7

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like SHO, YUK, NEM, etc.

baz=331,slow=76,SNR=87

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like H11S2, ILAR, MKAR, etc.

4DC 03 01:11:29.3,3.9,17.96S;167.21E,h0km,mb4.0/4, mb1.4/2.6,mb1mx3.9/4.2,mbtmp4.0/6,ML3.6/2,MS3.5/1, Ms1.3/5.1,ms1mx2.7/4.2,Error ellipse: s-maj=74.5km s-min=32.1km az=83.0

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like DZM, CTA, STKA, etc.

4DC 03 01:29:59.1,1.2,17.99S;167.21E,h0km,mb4.0/7, mb1.4/3.9,mb1mx3.9/4.8,mbtmp4.0/9,ML3.5/2,MS3.5/1, Ms1.3/5.1,ms1mx2.7/4.2,Error ellipse: s-maj=36.0km s-min=21.4km az=128.0

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like DZM, CTA, STKA, etc.

NEIC 03 01:30:00.7,0.8,18.01S;167.22E,h10km,mb4.4/2,Error ellipse: s-maj=20.6km s-min=13.8km az=125.0

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like DZM, CTA, STKA, etc.

4DC 03 01:40:07.3,1.8,17.90S;167.22E,h0km,mb4.0/6, mb1.4/1.8,mb1mx3.9/4.7,mbtmp4.0/8,ML3.8/2,Error ellipse: s-maj=41.3km s-min=26.4km az=117.0

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like DZM, CTA, STKA, etc.

NEIC 03 01:40:08.9,1.4,17.91S;167.20E,h10km,mb4.4/1,Error ellipse: s-maj=27.8km s-min=16.2km az=97.0

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like DZM, CTA, STKA, etc.

4DC 03 01:40:09.0,1.4,17.93S;167.1E,0.2,h20km,n14, s1508/12,mb4.0/7,Vanuatu Islands

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like DZM, CTA, STKA, etc.

3d 3h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H112WAKE ISLAND Hy 59.62 269 T, H111WAKE ISLAND Hy 59.64 269 T, etc.

SJA 03 03:06:20.1±0.8, 26°10'S:71°32'W, h10km, ML3.3, MW2.9
ISCJB 03 03:06:25.9±1.0, 26°41'S:0°04'71''W:0.2, h26km, 11km, mb3.6/1, Error ellipse: s-maj=23.6km s-min=6.8km az=176.3

GUC 03 03:06:26.9±0.4, 26°37'S:70°48'W, h22km, 5km, ML3.3
IDC 03 03:06:30.9±10.0, 22°29'S:70°38'W, h0km, mb3.7/1, mb1.3/71, mb1mx3.3/35, mbtmp3.7/1, Error ellipse: s-maj=1739.3km s-min=107.7km az=2.0

ISC 03 03:06:26.5±1.0, 26°41'S:0°03'71''W:0.10, h2km, 12km, n19, ±207/28, 1, Off coast of northern Chile

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CDCH Caldera, CDCH Caldera, CPCH Copiapo, etc.

MAN 03 03:16:10.13 36N-120.18E, h8km, mb4.1, ML2.9, MS2.7, 1C-2D, Mindoro

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LUBP Lubang, PGP Puerto Galera, etc.

MEX 03 03:23:22.1±0.4, 14°75'N:93°30'W, h15km, 88km, MD3.6, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PCIG Lubang, PCIG Puerto Galera, etc.

MAN 03 03:25:32.11 41N-126.06E, h55km, mb4.1, ML2.9, MS2.7, 1C, Philippine Islands region

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

IDC 03 03:30:09.6±2.2, 2.65S-128.61E, h0km, mb3.4/2, mb1.3/74, mb1mx3.4/48, mbtmp3.5/4, ML3.2/2, Error ellipse: s-maj=122.9km s-min=26.2km az=71.0, Ceram Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, WRA Warrungarra Arr, etc.

WEL 03 03:46:10.9±5.8, 16°S:53°16'E:14°4', h12km
IDC 03 03:46:17.9±0.3, 17°41'S:167°37'E, h0km, mb5.6/40, mb1.5/642, mb1mx5.5/50, mbtmp5.6/42, ML5.9/2, MS5.6/43, Ms1.5/643, ms1mx5.5/48, Error ellipse: s-maj=11.4km s-min=10.5km az=80.0

GCMT 03 03:46:21.1±0.1, 17°40'S:167°13'E, h12km, MW6.1/156, Moment Tensor Solution. s146,c325, s156,c588; Duration: 27 Moment tensor: Scale 10^18Nm; Mn-1.57±.01; Mw-0.04±.01; Ms-1.61±.01; Mo-0.23±.02; Mw0.03±.01; Mw0.03±.02; Best double couple: Mo1.68200x10^18 NP1:0.181, 0.00000, .551, 0.00000, .7, -104.00000, .NP2:0.22, 0.00000, .841, 0.00000, .7, -73.00000, . Principal axes: T 1.7080, Plg5.0000, Azm280.0000, N -0.0501, Plg11.0000, Azm188.0000, P -1.6560, Plg78.0000, Azm37.0000, N -1.14 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

NEIC 03 03:46:21.1±0.1, 17°38'S:167°28'E, h8km, mb5.9/138, MS5.8, MS5.8/157, MW6.1, MW6.1 Error ellipse: s-maj=3.2km s-min=2.7km az=139.0, Moment Tensor Solution. s31 Moment tensor: Scale 10^18Nm; Mr-0.76; Mw-0.45; Mw1.21; Mw0.37; Mw0.10; Mw0.94; Best double couple: Mo1.50000x10^18 NP1:0.337, 0.00000, .827, 0.00000, .7, -130.00000, .NP2:0.21, 0.00000, .870, 0.00000, .7, -72.00000, . Principal axes: T 1.6200, Azm180.0000, N -1.2600, Plg61.0000, Azm139.0000; Azm14.0000; P -1.2600, Plg61.0000, Azm139.0000; Broadband fault plane solution: P waves. NP1: 0.5, 0.00000, .830, 0.00000, .7, -90.00000, .NP2:0.185, 0.00000, .

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860.00000; .7, -90.00000. Principal axes: T Plg15.00000, Azm275.00000; N Plg0.00000, Azm0.00000; P Plg75.00000, Azm95.00000; Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism.
ISCJB 03 03:46:22.9±1.2, 17°35'S:0°02'167°24'E:0.02, h28km, 8km, mb5.8/241, MS5.7/243 Error ellipse: s-maj=3.8km s-min=2.9km az=3.4
BUJ 03 03:46:22.3±1.7, 17°40'S:167°30'E, h20km, mb5.7/84, mb6.1/73, Ms6.0/93, Ms7.5/8/6
NEIC 03 03:46:23.0±0.0, 17°38'S:167°17'E, h15km, Moment Tensor Solution. s36 Moment tensor: Scale 10^18Nm; Mn-1.60; Mw-0.12; Mw1.73; Mw-0.36; Mw0.45; Mw-0.43; Best double couple: Mo1.80000x10^18 NP1:0.22, 0.00000, .554, 0.00000, .7, -78.00000, .NP2:0.183, 0.00000, .838, 0.00000, .7, -105.00000, . Principal axes: T 1.9000, Plg8.00000, Azm103.00000; N -0.1900, Plg9.00000, Azm195.00000; P -1.7100, Plg77.00000, Azm333.00000; MOS 03 03:46:23.1±1.0, 17°24'S:167°28'E, h26km, mb5.9/84 Error ellipse: s-maj=7.4km s-min=6.0km az=101.4
ISC 03 03:46:23.6±0.4, 17°42'S:0°03'167°32'E:0.03, h25km, 2km, h25km, P-P, N1406, ±185/1423, mb5.9/245, MS5.8/247, 49C-62D, Vanuatu Islands

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, DZM HNR, DZM HNR, etc.

Main station list table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SNZO comp=Z.702nm, 1.8s LR LR, THZ Topouse, MANU Manus Island, etc.

Table with columns for country/region, name, date, and status. Includes entries like NOA NORRAR Array B, ANWB Willy Bob, HFS Hagfors, etc.

Table with columns for country/region, name, date, and status. Includes entries like LANS Liptovska Anna, MORC Moravsky Berou, BRG Berggiesshubel, etc.

Table with columns for country/region, name, date, and status. Includes entries like KHC Kasperes Hory, BEHE Becsehely, ARSA Anzberg, etc.

ESDC	Sonsec Array	156.57 343	PKP	PKPdf	04 06 17.2 +0.4
ESDC	comp=2.2,1nm,0.9s,baz=354,slow=2.9,SNR=6.8				
ESDC	PKPab	156.79 343	PKP	PKPab	04 06 46.0 +0.4
ESDC	comp=2.1,1nm,0.9s,baz=14,slow=1.1,SNR=6.9				
ESDC	PP				04 10 25.1 +2.5
PSET	Sete Cidades	156.67 27	ePKPdf	PKPdf	04 06 16.3 -0.7
MTE	Manteigas	156.67 350	ePKPdf	PKPdf	04 06 17.2 +0.2
MTE	Manteigas	156.67 350	ePKPab	PKPab	04 06 47.8 +1.8
MTE	Manteigas	156.67 350	ePKAKE		04 06 30.0 +1.3
PDA	Ponta Delgada	156.76 27	ePKPdf	PKPdf	04 06 17.8 +0.8
PCALD	Caldeiras da R	156.79 26	ePKPdf	PKPdf	04 06 17.3 +0.2
PAB	San Pablo	156.79 343	ePKPab	PKPab	04 06 46.8 +0.2
PAB					
CMLA	Cha da Macela	156.80 27	ePKPdf	PKPdf	04 06 15.8 -1.3
CMLA	Cha da Macela	156.80 27	ePKAKE		04 06 30.0 +1.3
PCBR	Castelo Branco	157.21 350	ePKPdf	PKPdf	04 06 17.8 +0.3
PCBR	Castelo Branco	157.21 350	ePKPab	PKPab	04 06 49.2 +1.0
PTOM	Tomar	157.57 351	ePKPab	PKPab	04 06 50.4 +0.6
PMRV	Mary770	157.59 349	ePKPab	PKPab	04 06 18.2 +0.1
PMRV	Mary770	157.59 349	ePKPab	PKPab	04 06 48.0 +2.0
PSMA	Santa Maria	157.62 27	ePKPdf	PKPdf	04 06 17.8 -0.3
PSMN	Pico do Norte	157.64 27	ePKPdf	PKPdf	04 06 16.8 -1.4
ALMR	Almeirim	158.05 351	ePKPdf	PKPdf	04 06 17.3 -1.3
ALMR			ePP		04 10 31.1 +0.6
ALMR			AMS	AMS	05 19 55.2
ALMR	Almeirim	158.05 351	ePKIKP	PKPdf	04 06 17.3 -1.3
ALMR			e		04 10 31.1
PMTG	Montargil	158.08 351	ePKPdf	PKPdf	04 06 18.0 -0.7
PMTG	Montargil	158.08 351	ePKPab	PKPab	04 06 53.0 +1.0
PESTR	Estremoz	158.18 349	ePKPdf	PKPdf	04 06 44.9 +0.9
PESTR	Estremoz	158.18 349	ePKPab	PKPab	04 06 53.6 +1.1
PESTR	Estremoz	158.18 349	ePP		04 10 32.9 +1.6
PMAFR	Mafrã	158.34 353	ePKPdf	PKPdf	04 06 20.4 +1.4
PMAFR	Mafrã	158.34 353	ePKPab	PKPab	04 06 54.2 +1.0
PMST	Lisbon-Monsan	158.56 352	ePKPab	PKPab	04 06 48.0 +2.0
LIS	Lisbon	158.56 352	ePKPdf	PKPdf	04 06 17.9 -1.4
LIS			ePP		04 10 33.9 +0.6
LIS			AMS	AMS	05 23 23.5
LIS	Lisbon	158.56 352	ePKIKP	PKPdf	04 06 17.8 -1.4
LIS			e		04 10 33.8
PBAR	Barrancos	158.74 348	ePKPdf	PKPdf	04 06 20.2 +0.7
PBAR	Barrancos	158.74 348	ePKPab	PKPab	04 06 56.1 +1.2
PBEJ	Beja	159.04 349	ePKPdf	PKPdf	04 06 20.8 +0.7
PBEJ	Beja	159.04 349	ePKPab	PKPab	04 06 57.3 +1.1
PNCL	Nicolau / Gran	159.07 351	ePKPdf	PKPdf	04 06 20.7 +0.7
PNCL	Nicolau / Gran	159.07 351	ePKPab	PKPab	04 06 57.8 +1.5
MESJ	Messejana	159.28 350	ePKPdf	PKPdf	04 06 18.9 -1.2
MESJ			ePP		04 10 37.8 +0.5
MESJ			AMS	AMS	05 26 45.2
MESJ	Messejana	159.28 350	ePKPdf	PKPdf	04 06 18.6 -1.5
MESJ	Messejana	159.28 350	ePKPab	PKPab	04 06 58.9 +1.6
MESJ	Messejana	159.28 350	ePP		04 10 39.3 +2.0
MESJ	Messejana	159.28 350	ePKIKP	PKPdf	04 06 18.9 -1.2
MESJ			e		04 10 39.3
PCVE	Castro Verde	159.46 349	ePKPdf	PKPdf	04 06 20.7 +0.4
PCVE	Castro Verde	159.46 349	ePKPab	PKPab	04 06 59.4 +1.4
PVAQ	Vaqueiros	159.62 349	ePKPdf	PKPdf	04 06 20.9 +0.4
PVAQ	Vaqueiros	159.62 349	ePKPab	PKPab	04 07 00.2 +1.5
PTEO	Sao Teotonio	159.65 351	ePKPdf	PKPdf	04 06 21.3 +0.7
PTEO	Sao Teotonio	159.65 351	ePKPab	PKPab	04 06 59.9 +0.9
PBDV	Barranco-do-Ve	159.81 349	ePKPdf	PKPdf	04 06 22.8 +2.0
PBDV	Barranco-do-Ve	159.81 349	ePKPab	PKPab	04 07 01.2 +1.6
MORF	Marmelete	159.88 351	ePKPdf	PKPdf	04 06 19.5 -1.4
MORF			ePP		04 10 41.0 +0.4
MORF			AMS	AMS	05 35 02.0
MORF	Marmelete	159.88 351	ePKPdf	PKPdf	04 06 20.7 -0.2
MORF	Marmelete	159.88 351	ePKPab	PKPab	04 07 00.9 +1.0
MORF	Marmelete	159.88 351	ePP		04 10 42.6 +2.1
MORF	Marmelete	159.88 351	ePKIKP	PKPdf	04 06 19.5 -1.4
MORF			e		04 10 40.9
PVFI	Vila Bisbo	160.07 351	ePKPab	PKPab	04 07 02.3 +1.6
PVFI	Vila Bisbo	160.07 351	ePP		04 10 41.1 -0.4
TAM	Tamanrasset	162.09 290	ePKIKP	PKPdf	04 06 24.4 +0.6
TAM			MLR	MLR	04 07 10.5
TAM	Tamanrasset	162.09 290	ePKPab	PKPab	04 06 24.4 +0.6
TAM			LR	LR	04 07 10.5 +0.1
RTC	Rabat Centre	162.69 344	ePKAKE		04 06 30.0 +6.1
RTC			LR	LR	
PMPS	Porto Santo	164.09 11	ePKPdf	PKPdf	04 06 25.6 +0.4
PMOZ	Porto Moniz, M	164.13 14	ePKPdf	PKPdf	04 06 26.1 +0.7
PMOZ	Porto Moniz, M	164.13 14	ePKPab	PKPab	04 06 56.7 +0.9
PMAR	Madeira	164.29 13	ePKPdf	PKPdf	04 07 20.5 +1.0
PMAR	Madeira	164.29 13	ePKPab	PKPab	04 06 28.3 +2.8
FUL	Funchal	164.37 13	ePKPdf	PKPdf	04 07 20.9 +1.3
FUL	Funchal	164.37 13	ePKPab	PKPab	04 07 26.5 +0.4
TORD	Torodi Ar. Bea	166.87 255	PKP	PKPab	04 07 25.1 -0.3
TORD	comp=2.15nm,0.8s,baz=44,slow=0.2,SNR=8.1				
TORD	PKPab				
TORD	comp=2.7,0nm,0.7s,baz=97,slow=1.7,SNR=6.7				
TORD	PP				04 11 10.1 -2.5
KIC	Kosan Boka	166.55 216	ePKPab	PKPdf	04 06 26.6 -1.3
KIC	comp=2.254nm,1.9s				
KIC	Kosan Boka	166.55 216	eP	PKPab	04 07 29.5 -0.3
LIC	Lamto	166.59 215	ePKIKP	PKPdf	04 06 26.8 -1.1
LIC	comp=2.104nm,1.4s				
LIC	Lamto	166.59 215	eP	PKPab	04 07 29.7 -0.3
DBIC	Dimbokro	166.86 217	PKP	PKPdf	04 06 27.5 -0.6
DBIC	comp=2.14nm,0.9s,baz=118,slow=2.5,SNR=12				
DBIC	PKPab				04 07 30.9 -0.2
TIC	Toumoudi	166.94 216	ePKPab	PKPdf	04 06 27.0 -1.2
TIC	comp=2.28nm,0.9s,baz=122,slow=6.8,SNR=11				
TIC	Toumoudi	166.94 216	ePKPab	PKPab	04 07 31.4 -0.1
SACV	Santiago Island	169.22 102	ePKAKE		04 06 40.0 +1.0
SACV			LR	LR	
KOWA	Kowa	171.18 252	PKP	PKPdf	04 06 30.4 -0.4
KOWA	comp=2.38nm,1.2s,baz=119,slow=0.8,SNR=19				
KOWA	PKPab				04 07 50.3 -0.2
BBTS	Babate	175.39 126	PKP	PKPdf	04 06 32.7 +0.4
BBTS	comp=2.28nm,0.9s,baz=142,slow=4.2,SNR=5.1				

JAGI	Karang Pucung	2.90 301	eSn	Sn	04 03 01.9 0.0
KPJ			P	Pn	04 02 35.1 +2.1
KPJ			S	Sn	04 03 10.6 +3.9
ABJI	Asem Bagus	2.94 70	P	Pn	04 02 35.5 +1.8
ABJI			S	Sn	04 03 09.4 +1.5
KMMI	Kaliangert	3.06 55	P	Pn	04 02 36.5 +1.0
BWJI	Bawean	3.19 22	P	Pn	04 02 38.1 +1.0
IGBI	Denpasar	3.66 90	P	Pn	04 02 45.8 +2.4
IGBI			S	Sn	04 03 27.7 +2.3
DNP	Denpasar	3.72 88	S	Sn	04 03 29.9 +2.9
SRBI	Singaraja	3.80 79	P	Pn	04 02 47.4 +2.0
SRBI			S	Sn	04 03 19.2 +0.7
CISI	Cisompert, Garu	3.81 289	P	Pn	04 02 47.2 +1.6
CISI			S	Sn	04 03 27.1 -2.1
CISI	Cisompert, Garu	3.81 289	ePn	Pn	04 02 46.7 +1.1
CISI			eSn	Sn	04 03 27.8 -1.4
JCUJ	Jatiwangi	3.91 306	P	Pn	04 02 47.9 +1.0
JCUJ			S	Sn	04 03 30.0 -0.8
LEM	Lembang	4.28 297	P	Pn	04 02 54.4 +2.2
LEM	8.7nm,0.3s,baz=98,slow=12,SNR=7.6				
LEM			S	Sn	04 03 45.0 +4.1
DBJI	Dragama	5.17 296	P	Pn	04 03 17.0 +1.3
XMIS	Christmas Isla	5.94 253	ePn	Pn	04 03 13.7 -1.1
XMIS	45nm,0.4s				
CGJ	Cibinong	6.11 291	eSn	Sn	04 04 15.8 -5.8
CGJ	016nm,0.7s				
CGJ			S	Sn	04 03 19.8 +2.8
PLAI	Plampang	6.26 91	P	Pn	04 03 21.2 +2.1
PLAI	140nm,0.9s				
PLAI			S	Sn	04 04 32.1 +2.9
MTKI	Muara Teweih, K	8.55 24	P	Pn	04 03 56.8 +6.3
MTKI	Sintang	8.83 29	P	Pn	04 03 58.9 +4.6
STKI	Sintang	9.58 60	P	Pn	04 03 59.1 +2.4
BAT	Baumenta	12.13 97	P	Pn	04 04 02.0 +0.8
BAT	3.1nm,0.3s,baz=270,slow=10,SNR=3.0				
BAT			S	Sn	04 06 46.2 -6.8
SOEI	Soe	12.69 95	ePn	Pn	04 04 48.0 +0.9
MRSI	Marisa	13.96 49	P	Pn	04 05 09.2 -0.9
KKM	Kota Kinabalu	15.52 18	ePn	Pn	04 05 32.8 +0.4
SNAN	Sanana	15.96 66	P	Pn	04 05 38.9 +1.0
FITZ	Fitzroy Crossi	16.59 125	P	Pn	04 03 38.9 +1.0
FITZ	0.3nm,0.5s,baz=288,slow=11,SNR=6.9				
FITZ			S	Sn	04 08 30.5 -1.1
SJI	Songino	21.26 69	P	Pn	04 06 30.8 +0.3
SJI	0.6nm,0.3s,baz=330,slow=20,SNR=5.6				
SJI			S	Sn	04 06 30.8 +0.3
FAKI	Fak Fak	21.50 75	eP	Pn	04 06 31.2 -1.9
WRA	Warramunga Arr	24.74 119	P	Pn	04 07 06.3 +1.3
WRA	4.9nm,0.9s,baz=296,slow=11,SNR=2.5				
WRA			eP	Pn	04 07 20.4 0.0
WRA	8.1nm,0.8s,baz=294,slow=11,SNR=11				
WRA			PcP	PcP	04 10 39.8 -0.8
WRAB	Tennant Creek	24.75 119	eP	Pn	04 07 05.8 +0.7
WRAB	1.4nm,0.9s,baz=314,slow=2.1,SNR=7.5				
WRAB	Alice Springs	26.07 127	P	Pn	04 07 18.4 +1.4
WRAB	2.3nm,0.7s,baz=300,slow=8.4,SNR=2.1				
ASAR	Asar	29.79 336	PcP	PcP	04 10 45.6 +2.0
ASAR	1.4nm,0.6s,baz=301,slow=1.1,SNR=2.9				
CMAR	Chiang Mai Arr	29.79 336	P	Pn	04 07 50.4 +0.1
CMAR	1.0nm,0.3s,baz=171,slow=8.6,SNR=6.3				
PALK	Pallekele	34.56 297	P	Pn	04 08 32.6 +0.4
PALK	7.9nm,0.6s,baz=116,slow=9.1,SNR=2.7				
CTA	Charters Tower	35.44 112	P	Pn	04 08 39.8 -0.8
CTA	8.1nm,0.8s,baz=323,slow=10,SNR=5.9				
CTA	Charters Tower	35.44 112	eP	Pn	04 08 39.8 -0.8
CTA	6.1nm,0.8s				
STKA	Stephens Creek	36.18 134	P	Pn	04 08 48.4 +2.5
STKA	1.8nm,0.5s,baz=306,slow=9.1,SNR=3.6				
STKA			PcP	PcP	04 11 11.9 +1.5
H08S2	Diego Garcia H	38.56 269	T	T	04 50 17.6
H08S2	2.5nm,0.5s,baz=331,slow=3.8,SNR=4.7				
H08S2	Diego Garcia H	38.57 269	T	T	04 50 17.6
H08S2	1.8nm,0.5s,baz=306,slow=9.1,SNR=3.6				
H08S1	Diego Garcia H	38.58 269	T	T	04 50 19.1
H08S1	baz=95,slow=76,SNR=1.4				
LSA	Lisa	49.02 334	eP	Pn	04 09 43.2 +0.1
LSA	9.4nm,0.8s				
KSAR	Wonju Array Be	48.53 17	P	Pn	04 10 23.1 -2.9
KSAR	Korea Arr	48.55 18	P	Pn	04 10 23.1 -3.1
KSAR	4.9nm,0.7s,baz=199,slow=18.2,SNR=2.5				
MJAR	Matsushiro Arr	51.66 28	P	Pn	04 10 48.2 -1.6
MJAR	6.1nm,0.8s,baz=218,slow=9.2,SNR=8.1				
USRK	Ursuriysk Arr	55.96 18	P	Pn	04 11 20.3 -0.7
USRK	5.8nm,0.7s,baz=193,slow=6.5,SNR=1.1				
ULN	Ulanbatar	56.58 356	eP	Pn	04 11 25.0 -0.5
ULN	5.2nm,0.9s				
SOMN	Songino Array	56.59 356	P	Pn	04 11 25.0 -0.5
SOMN	2.5nm,0.6s,baz=176,slow=8.6,SNR=2.4				
SOMN			PcP	PcP	04 12 22.3 +0.9
KSH	Kashi	58.26 328	P	Pn	04 11 41.2 +3.7
KSH	4.9nm,0.5s,baz=184,slow=4.3,SNR=15				
KSH			S	Sn	04 12 11.4 +0.7
KSH			P		

ellipse: s-maj=31.2km s-min=22.5km az=108.0
NEIC 03/04:07:40.6,0.8,17:36S;167:11E,h10km,mb4.2/1,Error
ellipse: s-maj=21.8km s-min=15.6km az=98.0

ISC 03/04:07:40.9,0.9,17:46S;167:11E,0.2,h12km,m11,
c1549/12,mb4.27,Vanuatu Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC. Rows include stations like DZM, URZ, STKA, WRA, ASAR, BBOO, PETK, ILAR, ARCES, KMBO, TORD.

IDC 03/04:09:22.6,0.8,17:56S;167:34E,h0km,mb4.3/12,
mb1.4/5/13,mb1mx4.2/56,mbmp4.3/13,ML4.6/1,MS4.8/1,
Ms1.4/8/1,ms1mx3.8/50,Error ellipse: s-maj=24.9km
s-min=18.1km az=130.0

ISC/B 03/04:09:24.0,0.5,17:58S;0:06;167:32E;0:09,h19km,
mb4.5/17,MS4.7/1,Error ellipse: s-maj=12.4km
s-min=7.9km az=17.2

NEIC 03/04:09:26.5,4.8,17:54S;167:39E,h26km,33km,mb4.7/6,
Error ellipse: s-maj=13.6km s-min=10.7km az=205.0

ISC 03/04:09:25.4,0.6,17:57S;0:08;167:4E;0:1,h19km,m37,
c082/36,mb4.4/17, Vanuatu Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC. Rows include stations like DZM, ARMA, CTA, CTAO, PMG, URZ, CAN, STKA, WRA, ASAR, BBOO, FITZ, PETK, QSPA, CMAR, SONM, YBH, YBH, DMC, NVAR, ILAR, WVOR, SNAH, RAYN, MOA, ABTA, WTAA, MOTA, RETA, WLF, BFO, FETA, DAVA, TUE, BNI, TORD.

ISC/B 03/04:10:40.8,0.5,12:01N;0:05;88:78W;0:04,h41km,
mb4.3/35,Error ellipse: s-maj=7.7km s-min=4.5km
az=37.0

IDC 03/04:10:40.5,1.0,12:48N;88:47W,h0km,mb4.0/11,
mb1.4/2/14,mb1mx3.9/61,mbmp4.0/14,ML3.4/3,Error
ellipse: s-maj=36.8km s-min=14.8km az=45.0

UCR 03/04:10:42.1,1.4,12:06N;88:86W,h35km,999km,ML3.5,
mb4.5(NEIC)

NEIC 03/04:10:45.5,0.7,12:29N;88:67W,h42km,8km,mb4.5/30,
Error ellipse: s-maj=11.3km s-min=5.7km az=224.0

ISC 03/04:10:44.9,0.5,12:20N;0:06;88:74W;0:05,h41km,m280,
c1524/287,mb4.5/34,Off coast of Central America

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC. Rows include stations like UESV, LCM, VSM, TECA, PACA, LNCN, CNCH, SNVI, LFRS, SOYA, SNET, COLS, LBRS, OPAM, UESV, CAHU, SBL.

Main table with columns: RTR, Code, Station Name, Time Res, ISC. Rows include stations like El Retiro, Santa Ana, Copalpete, Montecristo, Ipacabo, Juntas Abangare, JTS, HCD, CCG, CMIG, TLIG, PAYG, PRAC, SDV, SDDR, 833A, BRAL, 346A, 347A, 349A, 348A, 341A, TIGA, 249A, 243A, 247A, 245A, 250A, 248A, 244A, VBMS, 251A, 411A, 245B, 148A, 149A, 147A, 151A, LRAL, LRAL, JCT, JCT, Z46A, Z47A, Z48A, Z49A, Z50A, WHTX, WHTX, Z41A, Z40A, Y45A, Y46A, Y47A, GOGA, Y48A, Y49A, Y50A, TXAR, TX31, Y40A, X45A, X48A, OXF, X47A, X44A, X46A, X49A, X41A, X40A, ABTX, ABTX, MIAR, MIAR, UALR, X39A, W48A, W47A, X38A, X37A, X37A, W41B, WHAR, W40A, W40A.

Table with columns: Code, Station Name, Time Res, ISC. Rows include stations like W39A, W38A, V48A, V46A, V47A, V42A, W37B, W37B, V41A, V41A, TKL, V40A, KMCS, WVT, V39A, U46A, U42A, U47A, U41A, V37A, U40A, HHAR, U39A, PBMO, U38A, TZTN, M47A, MNTX, MNTX, T46A, U37A, T42A, T43A, T41A, T48A, T39A, T40A, U35A, U35A, MSTX, MSTX, T38A, S43A, S44A, S41A, T37A, S48A, S40A, S42A, T36A, S39A, S38A, CCM, CCM, T34A, R46A, R44A, R45A, R43A, WCI, WCI, S37A, R42A, R47A, R41A, S36A, R40A, S35A, R38A, R39A, Q45A, Q44A, Q47A, Q40A, P40A, P39B, Q34A, P38A, KSU1, O44A, O40A, O45A, O47A, SFIN.

O33A	Hebron	28.85	346	P	P	04 16 39.1	-0.4
M40A	Post Highland	29.20	356	P	P	04 16 41.8	-0.8
N54A	Moravia State	29.67	13	P	P	04 16 45.5	-1.3
L42A	Oliver, Polo	29.71	359	P	P	04 16 45.4	-1.6
L40A	Anamosa	29.83	356	P	P	04 16 47.1	-1.0
L43A	Garden Prairie	29.88	360	P	P	04 16 47.2	-1.3
L39A	Vinton	29.95	355	P	P	04 16 48.5	-0.6
M54A	Oil Creek Stat	30.26	14	P	P	04 16 51.2	-0.8
K39A	Oelwein	30.52	355	P	P	04 16 52.9	-1.3
K38A	Parkersburg	30.54	354	P	P	04 16 53.6	-0.8
K37A	Belmond	30.75	353	P	P	04 16 55.8	-0.5
J42A	Columbus	31.01	359	P	P	04 16 57.1	-1.5
J43A	Natural Harves	31.07	0	P	P	04 16 57.8	-1.4
J41A	Loganville	31.08	358	P	P	04 16 58.2	-0.9
J40A	Soldiers Grove	31.14	357	P	P	04 16 58.6	-1.1
J38A	Wedel Dairy, R	31.18	355	P	P	04 16 59.0	-1.1
J37A	Redenius Farm,	31.28	353	P	P	04 16 59.8	-1.2
I43A	Langenfeld Bro	31.58	1	P	P	04 17 01.9	-1.6
I42A	Draeger Farm,	31.58	360	P	P	04 17 02.0	-1.6
I39A	Houston	31.64	356	P	P	04 17 02.2	-1.6
I41A	Arkdale	31.77	358	P	P	04 17 03.3	-1.9
I38A	Scanlan Farm,	31.88	355	P	P	04 17 04.9	-1.3
I37A	Lemond, Waseca	31.96	354	P	P	04 17 06.0	-0.9
H40A	Chili	32.34	358	P	P	04 17 08.8	-1.5
H39A	Augusta	32.45	357	P	P	04 17 09.7	-1.5
H36A	Jessenland, He	32.58	353	P	P	04 17 11.5	-0.7
G42A	Mountain	32.93	0	P	P	04 17 13.6	-1.8
G43A	Wallace	32.96	1	P	P	04 17 13.9	-1.8
G38A	Ridgeland	32.97	356	P	P	04 17 14.4	-1.3
G40A	Rib Lake	32.98	358	P	P	04 17 14.4	-1.5
G39A	Holcombe	33.04	357	P	P	04 17 14.8	-1.5
LCMT	Little Creek M	33.08	323	eP	P	04 17 17.4	+0.4
F41A	Three Lakes	33.43	360	P	P	04 17 17.5	-2.3
G33A	Ortonville	33.54	350	P	P	04 17 18.7	-2.0
F43A	Flat Rock, Esc	33.55	2	P	P	04 17 19.0	-1.8
F37A	Hinrichs Farm,	33.58	355	P	P	04 17 19.8	-1.2
F40A	Park Falls	33.63	358	P	P	04 17 19.9	-1.6
F46A	Macinaw City C	33.64	5	P	P	04 17 19.7	-1.8
F39A	Loretta	33.66	357	P	P	04 17 20.1	-1.6
F44A	Big Bay de Noc	33.72	3	P	P	04 17 19.9	-2.4
F38A	Pierce Schro	33.76	356	P	P	04 17 20.6	-2.0
F36A	Milaca	33.80	354	P	P	04 17 21.6	-1.3
F35A	Swanville	33.91	353	P	P	04 17 22.9	-1.1
E43A	Lone Tree Farm	34.10	2	P	P	04 17 23.1	-2.5
E39A	Mellen	34.10	358	P	P	04 17 24.0	-1.6
E42A	Champion	34.13	1	P	P	04 17 24.3	-1.5
F34A	5 Mile Ranch,	34.14	351	P	P	04 17 24.6	-1.3
E40A	Waketfield	34.15	359	P	P	04 17 24.5	-1.5
E38A	The Farm, Brul	34.38	357	P	P	04 17 26.6	-1.4
E36A	McGregor	34.42	354	P	P	04 17 27.0	-1.4
D41A	Chassel	34.75	0	P	P	04 17 29.3	-1.9
D37A	Cotton	34.99	356	P	P	04 17 32.0	-1.2
D35A	Remer	35.06	354	P	P	04 17 32.1	-1.8
D36A	Goodland	35.07	355	P	P	04 17 32.3	-1.6
D34A	Park Rapids	35.20	352	P	P	04 17 34.0	-1.1
PDAR	Pinedale Array	35.41	333	P	P	04 17 39.0	+1.7
C38A	Sawbill Land,	35.47	357	P	P	04 17 35.5	-1.9
D32A	Dogwood Acres,	35.52	350	P	P	04 17 36.3	-1.5
C39A	Grand Marais	35.53	358	P	P	04 17 36.2	-1.6
C36A	Pine Crest Far	35.62	355	P	P	04 17 37.4	-1.2
C35A	Jirik Farms, M	35.66	354	P	P	04 17 37.2	-1.9
EYMN	Ely	35.71	357	P	P	04 17 37.7	-1.8
EYMN	Ely	35.71	357	eP	P	04 17 36.9	-2.5
C34A	RKJ Ranch, Bem	35.72	353	P	P	04 17 37.7	-1.8
C31A	Landman Farms,	36.28	350	P	P	04 17 43.2	-1.1
B35A	Bob, Littlefor	36.29	354	P	P	04 17 43.0	-1.4
REDW	Red Top Meadow	36.46	332	eP	P	04 17 46.7	+0.5
AGMN	Agassiz Nation	36.48	352	P	P	04 17 44.2	-1.8
AGMN	Agassiz Nation	36.48	352	eP	P	04 17 45.4	-0.6
B34A	Aery, Baudette	36.51	353	P	P	04 17 45.0	-1.2
B32A	Ashes, Strandq	36.67	351	P	P	04 17 46.1	-1.5
N37A	Warroad	37.05	353	P	P	04 17 49.1	-1.7
AVAR	Mina Array Bea	37.07	320	P	P	04 17 53.0	+1.5
NVAR	comp=2.0, 0.6nm, 0.7s, baz=139, slow=7.0, SNR=3.6			PcP	P	04 20 13.7	+2.1
A32A	Rocking H Ranc	37.45	357	P	P	04 17 50.2	-1.6
ULM	Lac du Bonnet	38.40	353	P	P	04 17 59.9	-2.2
BOV	Bozeman (W)	38.57	334	P	P	04 18 03.6	-0.3
S1Z	San Ignacio	39.16	135	P	P	04 18 09.5	+0.4
BEKR	Beckworth	39.21	320	eP	P	04 18 07.7	-1.7
SCHO	Schefferville	45.89	17	P	P	04 19 00.9	-2.3
SCHO	Schefferville	45.89	17	eP	P	04 19 01.6	-1.6
YKA	Yellowknife Ar	53.53	345	P	P	04 20 00.1	-1.1
YKA	comp=2.4, 0nm, 0.5s, baz=131, slow=8.9, SNR=23			PcP	P	04 21 08.7	+1.2
INK	nuwik	67.07	343	P	P	04 21 07.3	-0.4

ILAR	Eielson Array	65.75	336	P	P	04 21 24.9	-0.4
TORD	Tordi Ar. Bea	87.70	77	P	P	04 23 31.7	+1.7
MKAR	Makanchi Array	120.73	7	PKP	PKPdf	04 29 33.5	+0.8
WMQ	Urumiqi	124.16	3	eP	PKPdf	04 29 38.2	-1.2
KSH	Kash	126.62	15	PKP	PKPdf	04 29 51.0	+6.6
KSH	Kash			eP	PKPdf	04 30 04.4	
KSH	Kash			PKS	PKSdf	04 31 45.9	+8.3
KSH	Kash			SKS	SKSdf	04 36 56.1	+2.8
KSH	Kash			SKS	SKSdf	04 37 40.0	+5.3
LZH	Lanzhou	130.53	347	ePKP	PKPdf	04 29 55.0	-1.5
LZH	Lanzhou			ePKP	PKPdf	04 30 08.0	-1.4
CD2	Chengdu	135.49	345	PKP	PKPdf	04 29 58.6	-2.7
CMAR	Chiang Mai Arr	148.61	346	PKP	PKPbc	04 29 59.4	+0.9
CD2	Chengdu	135.49	345	PKP	PKPdf	04 29 58.6	-2.7
CMAR	Chiang Mai Arr	148.61	346	PKP	PKPbc	04 29 59.4	+0.9
CD2	Chengdu	135.49	345	PKP	PKPdf	04 29 58.6	-2.7
CMAR	Chiang Mai Arr	148.61	346	PKP	PKPbc	04 29 59.4	+0.9
CD2	Chengdu	135.49	345	PKP	PKPdf	04 29 58.6	-2.7
CMAR	Chiang Mai Arr	148.61	346	PKP	PKPbc	04 29 59.4	+0.9
CD2	Chengdu	135.49	345	PKP	PKPdf	04 29 58.6	-2.7
CMAR	Chiang Mai Arr	148.61	346	PKP	PKPbc	04 29 59.4	+0.9
CD2	Chengdu	135.49	345	PKP	PKPdf	04 29 58.6	-2.7
CMAR	Chiang Mai Arr	148.61	346	PKP	PKPbc	04 29 59.4	+0.9
CD2	Chengdu	135.49	345	PKP	PKPdf	04 29 58.6	-2.7
CMAR	Chiang Mai Arr	148.61	346	PKP	PKPbc	04 29 59.4	+0.9
CD2	Chengdu	135.49	345	PKP	PKPdf	04 29 58.6	-2.7
CMAR	Chiang Mai Arr	148.61	346	PKP	PKPbc	04 29 59.4	+0.9
CD2	Chengdu	135.49	345	PKP	PKPdf	04 29 58.6	-2.7
CMAR	Chiang Mai Arr	148.61	346	PKP	PKPbc	04 29 59.4	+0.9
CD2	Chengdu	135.49	345	PKP	PKPdf	04 29 58.6	-2.7
CMAR	Chiang Mai Arr	148.61	346	PKP	PKPbc	04 29 59.4	+0.9
CD2	Chengdu	135.49	345	PKP	PKPdf	04 29 58.6	-2.7
CMAR	Chiang Mai Arr	148.61	346	PKP	PKPbc	04 29 59.4	+0.9
CD2	Chengdu	135.49	345	PKP	PKPdf	04 29 58.6	-2.7
CMAR	Chiang Mai Arr	148.61	346	PKP	PKPbc	04 29 59.4	+0.9
CD2	Chengdu	135.49	345	PKP	PKPdf	04 29 58.6	-2.7
CMAR	Chiang Mai Arr	148.61	346	PKP	PKPbc	04 29 59.4	+0.9
CD2	Chengdu	135.49	345	PKP	PKPdf	04 29 58.6	-2.7
CMAR	Chiang Mai Arr	148.61	346	PKP	PKPbc	04 29 59.4	+0.9
CD2	Chengdu	135.49	345	PKP	PKPdf	04 29 58.6	-2.7
CMAR	Chiang Mai Arr	148.61	346	PKP	PKPbc	04 29 59.4	+0.9
CD2	Chengdu	135.49	345	PKP	PKPdf	04 29 58.6	-2.7
CMAR	Chiang Mai Arr	148.61	346	PKP	PKPbc	04 29 59.4	+0.9
CD2	Chengdu	135.49	345	PKP	PKPdf	04 29 58.6	-2.7
CMAR	Chiang Mai Arr	148.61	346	PKP	PKPbc	04 29 59.4	+0.9
CD2	Chengdu	135.49	345	PKP	PKPdf	04 29 58.6	-2.7
CMAR	Chiang Mai Arr	148.61	346	PKP	PKPbc	04 29 59.4	+0.9
CD2	Chengdu	135.49	345	PKP	PKPdf	04 29 58.6	-2.7
CMAR	Chiang Mai Arr	148.61	346	PKP	PKPbc	04 29 59.4	+0.9
CD2	Chengdu	135.49	345	PKP	PKPdf	04 29 58.6	-2.7
CMAR	Chiang Mai Arr	148.61	346	PKP	PKPbc	04 29 59.4	+0.9
CD2	Chengdu	135.49	345	PKP	PKPdf	04 29 58.6	-2.7
CMAR	Chiang Mai Arr	148.61	346	PKP	PKPbc	04 29 59.4	+0.9
CD2	Chengdu	135.49	345	PKP	PKPdf	04 29 58.6	-2.7
CMAR	Chiang Mai Arr	148.61	346	PKP	PKPbc	04 29 59.4	+0.9
CD2	Chengdu	135.49	345	PKP	PKPdf	04 29 58.6	-2.7
CMAR	Chiang Mai Arr	148.61	346	PKP	PKPbc	04 29 59.4	+0.9
CD2	Chengdu	135.49	345	PKP	PKPdf	04 29 58.6	-2.7
CMAR	Chiang Mai Arr	148.61	346	PKP	PKPbc	04 29 59.4	+0.9
CD2	Chengdu	135.49	345	PKP	PKPdf	04 29 58.6	-2.7
CMAR	Chiang Mai Arr	148.61	346	PKP	PKPbc	04 29 59.4	+0.9
CD2	Chengdu	135.49	345	PKP	PKPdf	04 29 58.6	-2.7
CMAR	Chiang Mai Arr	148.61	346	PKP	PKPbc	04 29 59.4	+0.9
CD2	Chengdu	135.49	345	PKP	PKPdf	04 29 58.6	-2.7
CMAR	Chiang Mai Arr	148.61	346	PKP	PKPbc	04 29 59.4	+0.9
CD2	Chengdu	135.49	345	PKP	PKPdf	04 29 58.6	-2.7
CMAR	Chiang Mai Arr	148.61	346	PKP	PKPbc	04 29 59.4	+0.9
CD2	Chengdu	135.49	345	PKP	PKPdf	04 29 58.6	-2.7
CMAR	Chiang Mai Arr	148.61	346	PKP	PKPbc	04 29 59.4	+0.9
CD2	Chengdu	135.49	345	PKP	PKPdf	04 29 58.6	-2.7
CMAR	Chiang Mai Arr	148.61	346	PKP	PKPbc	04 29 59.4	+0.9
CD2	Chengdu	135.49	345	PKP	PKPdf	04 29 58.6	-2.7
CMAR	Chiang Mai Arr	148.61	346	PKP	PKPbc	04 29 59.4	+0.9
CD2	Chengdu	135.49	345	PKP	PKPdf	04 29 58.6	-2.7
CMAR	Chiang Mai Arr	148.61	346	PKP	PKPbc	04 29 59.4	+0.9
CD2	Chengdu	135.49	345	PKP	PKPdf	04 29 58.6	-2.7
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CMAR	Chiang Mai Arr	148.61	346	PKP	PKPbc	04 29 59.4	+0.9
CD2	Chengdu	135.49	345	PKP	PKPdf	04 29 58.6	-2.7
CMAR	Chiang Mai Arr	148.61	346	PKP	PKPbc	04 29 59.4	+0.9
CD2	Chengdu	1					

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like S37A Fort Scott, U32A Winter Ranch, Q47A Bedord North L, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VTV Victorville, C36A Pine Crest Far, C34A RKJ Ranch, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HUIG Huatulco, VHO Vista Hermosa, PNIQ Pinotepa, etc.

Table with columns: Station, Name, Comp, Az, El, P, SNR, and various other metrics. Includes stations like GSC Goldstone, PALK Pallekele, H04A Detroit Lake, etc.

Table with columns: Station, Name, Comp, Az, El, P, SNR, and various other metrics. Includes stations like R11A Troy Canyon, PKI Pulchoki, W13A Hualapai Mount, etc.

Table with columns: Station, Name, Comp, Az, El, P, SNR, and various other metrics. Includes stations like WMQ comp=Z,220nm,3.8s, JLU Jordanelle, P17A Butcher Ranch, etc.

3d 7h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like DZM, URZ, KHZ, STKA, WR1, WRA, AS01, AS31, ASAR, BBOO, FORT, SARN, CMAR, SONAO, SONM, PPLA, CLC, NV01, NVAR, IL1, ILAR, ILB, SNA4, MK32, MKAR, RCBR, TORD, TOA1.

NNC 03 07:16:00.7: 1.4, 53:73N-90:54E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=1.0km s-min=3.3km az=61.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like I46RU, ZAAO, ZAAO, ZALV, ZALV, KURK, KURK, KURB, KURB, KURB, KURB, MK31, MK31, MKAR, MKAR, MKAR, MKAR, MAKZ, MAKZ, MAKZ.

SJA 03 07:18:29.4, 23:46S-66:79W, h234km, ML4.1, MW4.1, ISCJB 03 07:18:30.7, 23:48S-0:02:66, 80W, 0.03, h201km, mb4.3/70, Error ellipse: s-maj=3.8km s-min=3.2km az=148.9

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like HJA, HJA, SLA, SLA, SLA, AZAP, YJA, AS1B, PB06, PB06, AL0L, FSA, PB09, PB09, PB04, PB04, ANCH, ANCH, PB07, PB07, PB10, PB10, PB10, PB10, PB10.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like PB10, PB14, PB14, PB01, PB01, AHML, PB11, CPCH, CPCH, CVOA, MNMC, MNMC, LCO, LCO, LPAZ, LPAZ, LPAZ, CPUP, CPUP, SIV, PLCA, PLCA, PTGA, PTGA, HUSC, HUSC, SDV, RCBR, RCBR, SVB, MTP, NHSC, 349A, 251A, 347A, 249A, 150A, GOGA, 148A, Z50A, LRAL, LRAL, 245A, SNA4, SNA4, Z48A, 833A, Y47A, X49A, X48A, CPCT, X47A, W48A, X45A, W47A, X43A, WLAR, V47A, JCT, Y40A, WVT, U47A, U45A, MIAR, MIAR, GLAT, T47A, W41B, X39A, TXAR, TX31, PVMO, V41A, X38A, W39A, MVL, X37A, X37A, U42A, W38A, V40A, T43A, S45A, V39A.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like W37B, W37B, T42A, U40A, V38A, JENK, U39A, V37A, S42A, F42A, V36A, V36A, S41A, U37A, CCM, CCM, S40A, V35A, R42A, U36A, T38A, R41A, S39A, T37A, S38A, R40A, MNXT, MNXT, MNTX, BGGGS, Q41A, R39A, T35A, S37A, R38A, MSTX, S36A, MMNY, AMTX, Q39A, R37A, P40A, Q38A, R36A, Q37A, O40A, DBIC, P38A, M43A, Q35A, P37A, 319A, 121A, P36A, M41A, Q34A, P34A, L40A, M38A, ANMO, ANMO, CBKS, M37A, O33A, J42A, TUC, L38A, N34A, K39A, J41A, T25A, J40A, L36A, J39A, I41A, L35A, 214A, I39A, BGNE, BGNE, SDCO, SDCO, X16A, S22A.

3d 8h

Table with columns: STA, comp, max, pmax, and station details. Includes stations like SONGINO Array, SONGINO Array, SYOWA Base, etc.

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Table with columns: TORD, PKPab, PKPab, 08 34 19.8 -1.7, and station details. Includes stations like ROM 08:25:54.7, ROM 08:25:54.7, etc.

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Table with columns: DZM, STKA, WRA, ASAR, and station details. Includes stations like DZM Mont Dzumac, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like APA0 Apatity Array, VRF Vario, VRF Vario, KUE Riekki, MSF Maaselka, etc.

IDC 03 09:37:53.8±1.8, 18.445±165.80E, h0km, mb3.7/4, mb1 4.0/5, mb1mx3.6/42, mbtmp3.8/5, ML3.8/1, Error ellipse: s-maj=42.2km s-min=34.3km az=131.0, Vanuatu Islands region

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

IDC 03 09:44:08.1±1.9, 17.765±167.31E, h0km, mb4.0/5, mb1 4.2/6, mb1mx3.7/50, mbtmp3.9/6, ML3.4/1, MS3.2/1, Ms1 3.2/1, ms1mx2.7/41, Error ellipse: s-maj=46.1km s-min=26.7km az=113.0, ISCJB 03 09:44:10.1±1.5, 17.815±167.2E±0.2, h23km, mb3.8/5, Error ellipse: s-maj=33.4km s-min=11.8km az=0.1

IDC 03 09:44:11.6±1.6, 17.830±167.3E±0.3, h23km, n7, s=1900.7, mb3.8/5, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, DZM Mont Dzumac, HNR Honiara, STKA Stephens Creek, etc.

KRSC 03 09:49:26.3±1.5, 53.30N±162.74E, h61km±30km, ML3.7, 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 SPN Mys Shipunski, SPN Nalytchevo, NLC Nalytchevo, KIL Karymskiy, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRMR Kamenshtaya, KMNr Kamenshtaya, MTRV Mutnovka, etc.

IDC 03 09:51:51.0±1.8, 17.705±167.08E, h0km, mb3.9/4, mb1 4.1/5, mb1mx3.8/48, mbtmp3.9/5, ML3.6/1, Error ellipse: s-maj=44.1km s-min=27.7km az=116.0, Vanuatu Islands

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

NIED 03 09:52:00.40±0.30N±142.30E, h44km, Mw3.7 Best double couple: Mw=5.3000±0.14, NP1=186.0000±325.0000, NP2=0.0000±0.0000, NP3=25.0000±198.0000, ISCJB 03 09:52:02.0±0.7, 40.26N±104.142±30E±0.08, h23km, mb3.7/4, Error ellipse: s-maj=11.0km s-min=6.4km az=12.8

JMA 03 09:52:03.1±0.1, 40.29N±142.29E, h38km±1km, M3.6, JMA Fell J1

IDC 03 09:52:04.3±2.1, 40.15N±142.52E, h77km±17km, mb3.5/1/4, mb1 3.6/1/7, mb1mx3.4/79, mbtmp3.8/1/7, Error ellipse: s-maj=20.5km s-min=12.9km az=104.0, ISC 03 09:52:03.5±1.1, 40.24N±104.142±28E±0.08, h55km±9km, n35, s=1970/38, mb3.8/1/4, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JTH Tanohata, JANG Nango, JKZ Kuzumaki, etc.

ASAJ Asahikawa 3.88 3 P 0.2nm, 0.3s, baz=207, slow=8.5, SNR=12

MAT Matsushiro 4.88 222 P 0.2nm, 0.3s, baz=314, slow=16, SNR=5.8

USRK Ussuriysk Arr 6.60 301 P 0.2nm, 0.3s, baz=106, slow=13, SNR=5.8

JUNU Natsukesu 11.58 236 S 0.3nm, 0.3s, baz=168, slow=8.4, SNR=6.0

SEY Seymchan 23.52 12 P 0.9nm, 0.6s, baz=225, slow=12, SNR=4.2

SOMN Songino Array 26.37 298 P 0.4nm, 0.6s, baz=27, slow=13, SNR=4.2

H112 WAKE ISLAND Hy 29.70 127 T 0.2nm, 0.3s, baz=318, slow=75, SNR=79

H111 WAKE ISLAND Hy 29.38 127 T 0.2nm, 0.3s, baz=318, slow=75, SNR=76

H112 WAKE ISLAND Hy 29.39 127 T 0.2nm, 0.3s, baz=318, slow=75, SNR=76

H111 WAKE ISLAND Hy 30.19 129 T 0.2nm, 0.3s, baz=321, slow=76, SNR=28

H113 WAKE ISLAND Hy 30.19 129 T 0.2nm, 0.3s, baz=321, slow=76, SNR=28

H112 WAKE ISLAND Hy 30.20 129 T 0.2nm, 0.3s, baz=321, slow=76, SNR=20

ZALV Zalesovo Beam 40.32 310 P 0.6nm, 0.4s, baz=98, slow=7.4, SNR=4.3

MKAR Makanchi Array 43.06 299 P 0.8nm, 0.5s, baz=85, slow=11, SNR=12

KURBB Kurchatov Arra 44.62 306 P 1.9nm, 0.6s, baz=79, slow=8.2, SNR=13

ILAR Eielson Array 46.34 34 P 0.3nm, 0.9s, baz=268, slow=6.1, SNR=2.7

BVAR Borovoye Array 48.96 310 P 0.6nm, 0.3s, baz=75, slow=7.8, SNR=4.4

IDC 03 09:57:47.4±0.7, 18.035±167.82E, h0km, mb4.3/11, mb1 4.4/12, mb1mx4.2/49, mbtmp4.3/12, ML3.8/1, MS4.0/16, Ms1 4.0/16, ms1mx3.8/37, Error ellipse: s-maj=25.9km s-min=16.9km az=126.0

GCMT 03 09:57:49.8±0.3, 17.865±167.51E, h18km±1km, MW5.0/76, Moment Tensor Solution: s31,c37; s76,c101; Duration: 0 Moment tensor: Scale 10^19Nm; Mr=2.40±.17; Mw=0.31±.09; Ms=2.09±.11; Ms0.50±.27; Mw0.27±.06; Mw=2.43±.25; Best double couple: Mw=3.5900±1016 NP1=169.0000±689.0000, NP2=6.350000±821.0000, NP3=1.940000±4.0000, Principal axes: T 3.4970, P166.0000, Azm=77.0000, N -0.2720, P1g1.0000, Azm170.0000, P -3.2220, P1g2.0000, Azm260.0000, nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s

NEIC 03 09:57:49.8±0.3, 17.885±167.72E, h10km, mb4.9/16 Error ellipse: s-maj=11.2km s-min=8.7km az=124.0

ISCJB 03 09:57:50.4±0.3, 17.985±167.61E±0.08, h23km, mb4.5/28, MS4.0/15, Error ellipse: s-maj=10.9km s-min=7.4km az=25.1

ISC 03 09:57:52.1±0.5, 18.005±167.6E±0.1, h23km, n67, s=1953/60, mb4.7/27, MS4.0/15, Vanuatu Islands

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

URZ Urewera 21.84 160 P 1.4nm, 1.0s, baz=35, slow=174, SNR=3.8

URZ Urewera 21.84 160 P 1.4nm, 1.0s, baz=35, slow=174, SNR=3.8

BKZ Black Stump Firm 28.17 162 eP 45m, 1.1s

BFZ Birch Farm 23.81 164 eP 40m, 1.1s

RPZ Rata Peaks 25.81 174 LR comp=Z, 463nm, 19.5s, baz=352, slow=36

STKA Stephens Creek 27.24 235 P 6.1nm, 0.9s, baz=68, slow=8.7, SNR=10

STKA Stephens Creek 27.24 235 eP 2.3nm, 1.0s

JAY Jayapura 30.53 297 LR comp=Z, 429nm, 18.5s, baz=37

RAR Rarotonga 30.88 101 LR comp=Z, 137nm, 19.7s, baz=262, slow=31

WRA Warramunga Arr 31.48 261 eP 1.2nm, 0.7s, baz=80, slow=5.9, SNR=5.8

WRA Warramunga Arr 31.48 261 P 1.2nm, 0.7s, baz=80, slow=5.9, SNR=5.8

BBOO Buckleboo 31.93 236 eP 40m, 1.8s

AS31 Alice Springs 31.94 254 eP 1.1nm, 0.6s, baz=82, slow=8.1, SNR=22

ASAR Alice Springs 31.94 254 P 3.0nm, 0.6s, baz=82, slow=8.1, SNR=22

GUMO Guam 38.57 329 LR comp=Z, 688nm, 19.6s, baz=96, slow=35

TBI Tubuai 40.42 105 eS 266nm, 27.5s

PPT2 Papeete 40.72 96 eS 211nm, 24.6s

PPT2 Papeete 40.72 96 eLR 457nm, 25.5s

BATI Baimita 43.22 274 LR comp=Z, 124nm, 19.2s, baz=174, SNR=36

JCJ Chichijima 51.15 331 LR comp=Z, 96nm, 19.8s, baz=343, slow=35

TAOE Nuku Hiva Isla 51.49 87 eS 226nm, 24.3s

TAOE Nuku Hiva Isla 51.49 87 eLR 512nm, 25.5s

TGY Tagaytay City 55.98 302 LR comp=Z, 174nm, 21.6s, baz=103, slow=31

PETK Petropavlovsk 71.32 354 P 7.2nm, 1.0s, baz=111, slow=8.4, SNR=4.1

PETK Petropavlovsk 71.32 354 P 7.2nm, 1.0s, baz=111, slow=8.4, SNR=4.1

3d 10h

Table with columns: PDAR, Pinedale Array, 76.19 46 P, P, 10 11 29.9 +0.8, etc. Includes various station codes and coordinates.

IS/CJB 03 10:05:18.7±0.6, 24.78N, 0.03±122.35E, h0km, mb4.0/1, Error ellipse: s-maj=5.8km s-min=3.5km az=11.6

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, etc. Lists various stations like EOS1, TWB1, TIPB, etc.

IDC 03 10:06:14.7±1.0, 17.53S, 167.37E, h0km, mb4.3/14, mb1 4.5/15, mb1mx4.2/52, mbtmp4.3/15, ML4.2/1, MS3.6/4, Ms1 3.6/4, ms1mx3.1/38, Error ellipse: s-maj=32.0km s-min=16.7km az=129.0

IS/CJB 03 10:06:16.1±0.6, 17.51S, 0.06±167.3E, 0.1, h19km, mb4.2/13, MS3.7/3, Error ellipse: s-maj=16.0km s-min=8.4km az=15.9

NEIC 03 10:06:16.6±0.4, 17.52S, 167.32E, h10km, mb4.8/1, Error ellipse: s-maj=14.4km s-min=8.1km az=132.0

IS/C 03 10:06:18.0±0.6, 17.50S, 0.07±167.3E, 0.2, h19km, n41, c090/38, mb4.2/13, MS3.7/3, Vanuatu Islands

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

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Table with columns: FITZ, LR, 10 28 21.9, etc. Includes various station codes and coordinates.

IS/CJB 03 10:07:42.8±0.4, 39.11N, 0.03±28.16E, 0.03, h3km, 6km, Error ellipse: s-maj=4.7km s-min=3.8km az=22.9

DDA 03 10:07:42.8, 39.11N, 28.14E, h7km, ML2.9, ISK 03 10:07:42.8, 39.11N, 28.12E, h4km, ML2.8/8, CSEM 03 10:07:43.1±0.1, 39.11N, 28.14E, h5km, ML2.8, Error ellipse: s-maj=2.5km s-min=2.3km az=87.0

IS/C 03 10:07:43.2±1.0, 39.11N, 0.02±28.15E, 0.02, h6km, 14km, n46, c052/58, Turkey

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, etc. Lists stations like AKHS, AKHS, AKHS, etc.

MAN 03 10:18:16.9±16.91N, 126.08E, h11km, mb4.9, ML3.8, MS3.9, 1D, Mindanao

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, etc. Lists stations like SCPH, SCPH, BUTP, etc.

IDC 03 10:20:48.6±2.7, 74.84N, 131.26E, h0km, mb3.6/5, mb1 3.9/6, mb1mx3.3/86, mbtmp3.5/6, ML5.3/1, Error ellipse: s-maj=110.8km s-min=26.1km az=121.0

IS/CJB 03 10:20:49.7±1.0, 74.56N, 0.08±132.6E, 0.5, h10km, mb3.5/5, Error ellipse: s-maj=21.6km s-min=8.0km az=21.7

YARS 03 10:20:53.9±0.5, 73.43N, 0.03±135.53E, 0.04, h10km, ISK 03 10:20:51.5±1.0, 74.80N, 0.09±132.6E, 0.10, h10km, n9, c234/13, mb3.4/5, Laptev Sea

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, etc. Lists stations like TIXI, TIXI, TIXI, etc.

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Table with columns: BTGS, BTGS, eS, Sn, 10 23 53.9 +0.2, etc. Includes various station codes and coordinates.

IDC 03 10:22:00.4±13.0, 17.79S, 167.03E, h0km, mb4.0/3, mb1 4.2/4, mb1mx3.9/46, mbtmp4.1/4, ML4.5/1, MS3.8/2, Ms1 2.8/2, ms1mx2.6/41, Error ellipse: s-maj=227.2km s-min=38.0km az=67.0, Vanuatu Islands

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

IDC 03 10:30:47.9±0.8, 17.78S, 167.86E, h0km, mb4.3/15, mb1 3.9/13, ms1mx3.4/30, mbtmp4.3/16, ML3.7/1, MS3.9/13, Ms1 2.8/2, ms1mx3.4/30, Error ellipse: s-maj=24.2km s-min=17.4km az=139.0

NEIC 03 10:30:49.9±0.3, 17.77S, 167.79E, h10km, mb4.9/4, Error ellipse: s-maj=11.4km s-min=8.6km az=121.0

IS/CJB 03 10:30:51.4±0.5, 17.88S, 0.07±167.73E, 0.10, h32km, mb4.3/17, MS3.9/11, Error ellipse: s-maj=13.7km s-min=8.8km az=19.9

IS/C 03 10:30:53.0±0.5, 17.92S, 0.07±167.8E, 0.1, h32km, n59, c1922/50, mb4.3/16, MS3.9/11, Vanuatu Islands

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

MW3.6
ISC 03 11:28:14.2-2.9, 33.28S, 0.088-70.41W, 0.07, h93km, 1.9km, n14, c056/26, 2C, Chile-Argentina border region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
FCH	Farellones	0.11 115	Op Pn	11 28 27.1 -0.7	ISC
FCH			eS	11 28 38.1 +0.3	ISC
FCH			IAML	11 28 38.4	
CLCH	Cerro Calan	0.16 223	eP Pn	11 28 27.0 -0.5	ISC
CLCH			eS	11 28 37.8 +0.4	ISC
CLCH			IAML	11 28 39.3	
STL	Santa Lucia	0.25 231	eP Pn	11 28 27.5 -0.3	ISC
STL			eS	11 28 38.6 +0.7	ISC
PEL	Peidehue	0.27 301	eP Pn	11 28 27.1 -0.8	ISC
PEL			eS	11 28 38.1 +0.0	ISC
PEL			IAML	11 28 39.2	
ANTU	Antumapu	0.34 213	eP Pn	11 28 27.7 -0.5	ISC
ANTU			eS	11 28 39.5 +0.8	ISC
ANTU			IAML	11 28 39.8	
LMEL	Las Melosas	0.59 163	eP Pn	11 28 29.7 -0.5	ISC
LMEL			eS	11 28 43.3 +1.2	ISC
ROCH	El Roble	0.59 301	eP Pn	11 28 29.9 -0.4	ISC
ROCH			eS	11 28 42.6 +0.4	ISC
ROCH			IAML	11 28 43.2	
ROCI	El Roble	0.59 301	eP Pn	11 28 30.0 -0.3	ISC
ROCI			eS	11 28 42.7 +0.4	ISC
ARCO	CERRO ARCO	1.32 71	eP Pn	11 28 37.4 -0.5	ISC
ARCO			eS	11 28 45.7 +0.6	ISC
AAGR	Agrelo	1.34 82	eP Pn	11 28 37.7 -0.5	ISC
AUSP	Uspallata	1.36 40	eP Pn	11 28 38.6 -0.1	ISC
AUSP			eS	11 28 57.5 +0.4	ISC
ASAL	Salagasta	1.49 63	eP Pn	11 28 39.7 -0.4	ISC
ASAL			eS	11 28 59.9 +0.2	ISC
RTLS	Leoncito	1.75 33	eP Pn	11 28 40.8 +0.4	ISC
RTLS			IAML	11 29 08.9	
RTVC	Cerro Valdivia	2.12 49	eP Pn	11 28 47.5 -0.6	ISC
RTVC			eS	11 29 14.2 +0.2	ISC

DDA 03 11:30:59.2, 41.01N, 40.05E, h7km, ML2.6
CSEM 03 11:30:59.7, 0.3, 40.94N, 39.95E, h15km, ML2.3, Error ellipse: s-maj=6.2km s-min=4.0km az=29.0
ISK 03 11:30:59.3, 40.88N, 39.86E, h2km, ML2.3/2
ISCJB 03 11:31:00.4, 0.6, 40.91N, 0.04, 39.95E, 0.04, h12km, 5km, Error ellipse: s-maj=6.6km s-min=5.0km az=17.4
ISC 03 11:30:59.8, 1.2, 40.92N, 0.04, 39.94E, 0.03, h16km, 10km, n19, c052/38, Turkey

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
MACK	Trabzon	0.13 279	iP Pn	11 31 04.4 +0.4	ISC
MACK			iS	11 31 07.4 +0.6	ISC
MACK	Trabzon	0.13 279	P	11 31 04.4 +0.4	
MACK			Sb	11 31 07.4 +0.6	
KTUT	Trabzon	0.15 296	Pg Pn	11 31 07.4 +0.6	ISC
KTUT			SG	11 31 07.3 +0.2	
KTUT	Trabzon	0.15 296	ePg Pn	11 31 04.5 +0.3	ISC
KTUT			eSg	11 31 07.3 +0.2	
BAYT	Ayd-ntepe-Bay	0.55 164	Pg Pn	11 31 10.9 -0.3	ISC
BAYT			SG	11 31 18.1 0.0	
BAYT	Ayd-ntepe-Bay	0.55 164	ePg Pn	11 31 10.9 -0.3	ISC
BAYT			eSg	11 31 18.1 0.0	
BAYB	BAYBURT	0.71 160	iP Pn	11 31 13.7 -0.2	ISC
BAYB			iS	11 31 22.7 -0.3	ISC
BAYB	BAYBURT	0.71 160	P	11 31 13.7 -0.2	
BAYB			Sb	11 31 22.7 -0.3	
ESPY	Espiye-Giresun	0.92 270	Pg Pn	11 31 22.7 -0.3	ISC
ESPY			SG	11 31 28.7 -0.7	ISC
ESPY	Espiye-Giresun	0.92 270	ePg Pn	11 31 16.9 -0.5	ISC
ESPY			eSg	11 31 28.7 -0.7	ISC
KELT	Keikit	0.93 214	iP Pn	11 31 17.5 -0.2	ISC
KELT			iS	11 31 29.5 -0.1	ISC
KELT	Keikit	0.93 214	P	11 31 17.5 -0.2	
KELT			Pb	11 31 29.5 -0.1	
KOPT	Kop Dagı	1.00 155	iP Pn	11 31 29.9 -0.1	ISC
KOPT			iS	11 31 34.2 +0.8	ISC
KOPT	Kop Dagı	1.00 155	P	11 31 29.9 -0.1	
KOPT			Sb	11 31 34.2 +0.8	
DBAD	Bademkaya	1.33 85	iP Pn	11 31 23.0 -0.9	ISC
DBAD			iS	11 31 41.1 -0.2	ISC
DBAD	Bademkaya	1.33 85	P	11 31 23.0 -0.9	
DBAD			Sb	11 31 41.1 -0.2	
DAGI	Agillar	1.50 83	iP Pn	11 31 29.5 +0.8	ISC
DAGI			iS	11 31 46.9 +0.1	ISC
DAGI	Susehri	1.50 242	iP Pn	11 31 26.9 -0.6	ISC
DAGI			iS	11 31 47.6 -0.7	ISC
SUSE	Susehri	1.50 242	P	11 31 26.9 -0.6	
SUSE			Pb	11 31 47.6 -0.7	
SUSE			S	11 31 47.6 -0.7	

ISC 03 12:00:43.2-2.2, 17.75S, 167.49E, h0km, mb3.7/3, mb1.3/8.4, mb1mx3.6/37, mbtmp3.6/4, ML3.2/1, Error ellipse: s-maj=68.3km s-min=34.6km az=122.0, Vanuatu Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
DZM	Mont Dzumac	4.41 193	Op Pn	12 01 50.5 -1.0	ISC
DZM			Sb	12 02 36.2 -7.5	ISC
DZM			Sn	12 02 36.2 -7.5	
STKA	Stephens Creek	27.30 234	P	12 06 31.0 +1.2	
ASAR	Allice Springs	31.91 254	P	12 07 09.7 -1.2	
ILAR	Eielson Array	89.32 18	P	12 13 41.0 0.0	

MEX 03 12:11:05.3-0.3, 14.71N, 93.29W, h16km, 55km, MD3.6, Near coast of Chiapas

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
PCIG		0.99 4	Op Pn	12 11 20.7 -3.4	ISC
PCIG			eS	12 11 32.7 -4.2	ISC

ISC 03 12:15:52.8-1.1, 17.36S, 167.39E, h0km, mb4.0/6, mb1.4/3.7, mb1mx3.8/46, mbtmp4.0/7, ML2.1/1, MS3.3/6, Ms1.3/3.6, ms1mx3.0/40, Error ellipse: s-maj=49.9km s-min=22.4km az=140.0
ISCJB 03 12:15:54.0-0.8, 17.50S, 0.08, 167.4E, 0.2, h19km, mb3.8/6, MS3.2/5, Error ellipse: s-maj=23.9km s-min=10.3km az=14.1
ISC 03 12:15:55.7-1.0, 17.5S, 0.1, 167.4E, 0.2, h19km, n14, c051/11, mb3.8/5, MS3.2/5, Vanuatu Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
DZM	Mont Dzumac	4.65 191	Op Pn	12 17 05.8 +0.7	ISC
DZM			Sb	12 17 56.8 -1.8	ISC
DZM			Sn	12 18 43.4	
DZM			LR	12 18 43.4	
DZM	Mont Dzumac	4.65 191	eP Pn	12 17 05.6 +0.5	ISC
DZM			eS	12 17 59.0 +0.4	ISC
AFI	Afiamału	20.32 83	LR	12 26 24.7	
STKA	Stephens Creek	27.41 234	P	12 21 40.5 +0.3	
STKA			LR	12 30 40.1	
RAR	Rarotonga	31.12 102	LR	12 31 46.9	
WRA	Warrungarra Arr	31.42 260	P	12 22 15.7 -0.3	
WRA			LR	12 33 52.2	
ASAR	Allice Springs	31.94 253	P	12 22 20.6 +0.1	
ASAR			LR	12 34 35.8	

TBI	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
TBI	Tubeuai	40.70 106	eLR LR	12 35 31.2	
PPT2	Papeete2	40.92 97	eLR LR	12 35 32.7	
TAOE	Nuku Hiva Isla	51.62 88	eLR LR	12 40 32.4	
NVAR	Mina Array Bea	88.94 49	P	12 28 49.7 +0.2	
YLAR	Eielson Array	89.05 18	P	12 28 48.9 -0.4	
ILAR	Yellowknife Arr	99.91 27	P	12 28 38.0 -0.8	
TORD	Tord Arr. Bea	165.59 255	PKP PKPdf	12 36 00.3 +0.2	

NIED 03 12:27:00, 36.60N, 143.10E, h20km, Mw4.0 Best double couple: M1.33000, 1015 NP1.0, 233.00000, 844.00000, λ-50.00000, NP2.0, 4.00000, 858.00000, λ-122.00000
IDC 03 12:27:33.0, 0.6, 36.49N, 143.45E, h0km, mb4.1/25, mb1.4/3.0, mb1mx4.1/77, mbtmp4.2/30, ML4.3/4, MS3.1/5, Ms1.3/1.5, ms1mx2.7/69, Error ellipse: s-maj=14.9km s-min=13.1km az=120.0
NEIC 03 12:27:34.0, 0.4, 36.50N, 143.47E, h10km, mb4.8/9, Error ellipse: s-maj=7.9km s-min=6.6km az=120.0
ISCJB 03 12:27:35.7, 1.2, 36.61N, 0.03, 143.27E, 0.03, h27km, 8km, mb4.3/51, MS3.6/2, Error ellipse: s-maj=5.1km s-min=4.0km az=148.5
BUJ 03 12:27:37.2, 36.72N, 142.89E, h10km, mb4.4/42, mb5.0/24, Ms4.7/10, Ms7.4/5/8
JMA 03 12:27:38.5, 0.2, 36.62N, 143.12E, h58km, M4.3
MOS 03 12:27:39.7, 1.3, 37.02N, 143.33E, h43km, mb4.5/26, Error ellipse: s-maj=10.2km s-min=5.8km az=99.5
ISC 03 12:27:35.2, 0.3, 36.56N, 0.04, 143.44E, 0.05, h14km, 12km, n133, c254/160, mb4.4/51, 4C-33, Off east coast of Honshu

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
ONAJ	Iwakimizuishiy	2.19 285	P Pn	12 28 09.6 -1.6	ISC
JFK	Kawouchi	2.21 292	P Pn	12 28 09.9 -1.5	ISC
JFK			S	12 28 30.0 -5.5	ISC
CHQJ	Chosi	2.26 248	eS Pn	12 28 35.4 -4.4	ISC
JHO	Hitachi	2.31 272	P Pn	12 28 11.4 -1.5	ISC
JHO			eS	12 28 35.4 -5.7	ISC
JFT	Otama	2.66 292	P Pn	12 28 17.3 -0.4	ISC
JFT			eS	12 28 45.5 -4.2	ISC
BSO1	Boso 1	2.77 227	P Pn	12 28 19.7 -1.9	ISC
BSO1			S	12 28 49.7 -1.9	ISC
JNS	Ichinoseki	2.96 324	P Pn	12 28 21.1 -0.7	ISC
JNS			S	12 28 53.1 -4.0	ISC
JAG	Ashikaga	3.21 269	P Pn	12 28 24.3 -1.0	ISC
JAG			S	12 28 57.7 -5.7	ISC
JOM	Ohasama	3.36 330	P Pn	12 28 26.5 -0.8	ISC
JOM			S	12 29 02.7 -4.3	ISC
JYK	Kaneyama	3.39 315	P Pn	12 28 27.2 -0.5	ISC
JYK			eS	12 29 02.9 -4.8	ISC
JYK	Sasagawa	3.52 292	P Pn	12 28 29.1 -0.4	ISC
JYK			eS	12 29 19.5 -5.5	ISC
JNS	Ryogami san	3.71 263	P Pn	12 28 31.0 -1.1	ISC
JNS			S	12 29 09.2 -6.4	ISC
JRY	Odawara 2	3.76 251	P Pn	12 28 32.0 -0.9	ISC
JRY			S	12 29 12.0 -4.9	ISC
JOD2	Nango	4.09 339	P Pn	12 28 35.8 -1.6	ISC
JOD2			S	12 29 15.0 -4.0	ISC
JANG	Shimob	4.11 256	P Pn	12 28 37.1 -0.5	ISC
JANG			eS	12 29 19.6 -5.9	ISC
JYN	Matsushiro Arr	4.21 271	Pn	12 28 38.8 -0.2	ISC
MJAR			Sn	12 29 24.6 -3.5	ISC
MJAR			LR	12 30 52.7	
MJAR			LR	12 30 52.7	
MAJO	Matsushiro	4.21 271	P Pn	12 28 39.4 +0.4	ISC
MAJO			Pn	12 28 39.5 +0.5	ISC
MAJO			eS	12 29 26.6 -1.4	ISC
MAT	Matsushiro	4.21 271	P Pn	12 28 39.1 +0.1	ISC
MAT			Sb	12 29 24.6 -3.5	ISC
MJB9	Matsu-Tunnel	4.21 271	ePn Pn	12 28 39.5 +0.4	ISC
MJB9			eS	12 29 26.7 -1.4	ISC
JHJ2	Mitsune	4.55 222	P Pn	12 28 42.6 -1.1	ISC
JHJ2			eS	12 29 30.2 -6.2	ISC
JHJ2	Mitsune	4.55 222	ePn Pn	12 28 42.8 -0.9	ISC
JHJ2			Sb	12 29 30.1 -6.2	ISC
JHJ2			Sn	12 28 42.8 -1.0	ISC
JHJ	Hachio jima 2	4.57 222	Pn	12 29 29.3 -7.4	ISC
JHJ			Sb	12 29 29.3 -7.4	
JHJ			Sn	12 29 29.3 -7.4	
INU	Inuyama	5.35 259	ePn Pn	12 28 55.0 +0.4	ISC
INU			eS	12 29 52.3 -3.7	ISC
ERM	Erimo	5.45 358	P P		

3w 14h

Table with columns: Jw, Kunigami, 23.30, 4 LR, comp=Z,59m,21.5s,baz=27.1,slow=35, WRAB Tennant Creek, 24.45 162 eP, P, 13 31 17.6 -0.1, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, DZM Mont Dzumac, 4.32 190 Pn, 13 59 28.8 -0.4, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, DZM Mont Dzumac, 4.32 190 Pn, 13 59 28.8 -0.4, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, DZM Mont Dzumac, 4.32 190 Pn, 13 59 28.8 -0.4, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, DZM Mont Dzumac, 4.32 190 Pn, 13 59 28.8 -0.4, etc.

2012 FEB

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, DZM Mont Dzumac, 4.32 190 Pn, 13 59 28.8 -0.4, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, DZM Mont Dzumac, 4.32 190 Pn, 13 59 28.8 -0.4, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, DZM Mont Dzumac, 4.32 190 Pn, 13 59 28.8 -0.4, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, DZM Mont Dzumac, 4.32 190 Pn, 13 59 28.8 -0.4, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, DZM Mont Dzumac, 4.32 190 Pn, 13 59 28.8 -0.4, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, DZM Mont Dzumac, 4.32 190 Pn, 13 59 28.8 -0.4, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, DZM Mont Dzumac, 4.32 190 Pn, 13 59 28.8 -0.4, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, DZM Mont Dzumac, 4.32 190 Pn, 13 59 28.8 -0.4, etc.

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Large table with columns: HIZ Hauri, 21.36 165 eP, P, 14 30 19.3 +3.3, URZ Urewera, 21.78 160 eP, P, 14 30 22.5 +2.0, etc.

3d 16h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CHNC, HLNC, MDPB, NV01, NVAR, KVN, ILAR, LPIG, SNA, LCMT, LX16, WMO, TXAR, MKAR, YKA, ARCES, KLMR, GERES, MOA, OBKA, MYKA, ABTA, MOTA, RETA, FETA, DAVA, ESDC, TORD, DBIC.

DJA 03 15:11:23.8:0.5,9'S:5.11'E:3.1, h39km,9km,M3.5/6, ML3.5/6, Sumbawa region. Table with columns: Code, Station Name, Az, Phase, ID, Time, Res.

NEIC 03 15:13:58.6:0.0,14.99N:94.12W,h20km,mb4.3/3, MD4.2(MEX), After MEX. MEX 03 15:13:58.7:0.8,15.00N:94.12W,h16km,106km,MD4.2. ISC 03 15:13:54.7:2.3,14.8N:0.2:94.09W:0.05,h33km,n16, f=142Z, Off coast of Chiapas

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PCIG, HUIG, TGBT, CCIG, VHO, VHO, VHO, TEIG, NATX, TX31, MISTX, AMTX, OHC, SPU.

IDC 03 15:31:49.7:2.5,3.96N:127.55E,h0km,mb3.3/3, mb1.3/6,mb1mx3.1/59,mbtmp3.3/3, Error ellipse: s-maj=205.5km s-min=26.4km az=67.0, Talaud Islands

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

IDC 03 15:36:37.7:1.1,17.90S:167.86E,h0km,mb4.2/12, mb1.4/3,mb1mx4.1/43,mbtmp4.2/13,ML3.9/1,MS3.7/10, Ms1.3/6/10,ms1mx3.3/39, Error ellipse: s-maj=37.5km s-min=17.7km az=136.0

NEIC 03 15:36:39.2:0.6,17.93S:167.83E,h10km,mb4.2/2, Error ellipse: s-maj=17.4km s-min=9.3km az=128.0. ISCJB 03 15:36:40.1:0.8,17.91S:0.08:167.7E:0.1,h23km, mb4.0/15,MS3.7/8, Error ellipse: s-maj=20.4km s-min=9.4km az=20.4

IDC 03 15:36:42.1:0.7,17.87S:0.08:167.6E:0.1,h23km,n38, f=196Z/33,mb4.1/14,MS3.7/8, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like DZM, PETK, DZM, DZM, DZM, HNR, ARMA, CTA, CTAO, Urewera, STKA, STKA.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like WRAB, WRA, WRA, ASAR, ASAR, FITZ, FITZ, PPT2, BATO, NATI, TAOE, PETK, KLR, CMAR, SEY, ULN, SONM, NVAR, ILAR, TXAR, MKAR, YKA, ARCES, CONA, GERES, ABTA, WTTA, MOTA, RETA, FETA, DAVA, TORD.

AUST 03 15:41:40.4:0.0,34.81S:149.20E,h0km, Error ellipse: s-maj=0.2km s-min=0.1km az=305.0, New South Wales

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CNB, CNB, CAN, CAN, MILA, MILA, MGCD.

ISCJB 03 15:51:05.0:5.0,49.33N:0.08:155.5E:0.2,h150km, mb3.4/8, Error ellipse: s-maj=17.9km s-min=3.6km az=37.0

KRSC 03 15:51:05.4:1.6,49.34N:155.80E,h180km,18km,ML4.4. MOS 03 15:51:06.6:1.8,49.75N:154.68E,h179km,mb4.5/1, Error ellipse: s-maj=47.3km s-min=5.6km az=63.9

IDC 03 15:51:07.8:1.9,50.08N:154.07E,h177km,20km,mb3.2/6, mb1.3/4,mb1mx3.0/72,mbtmp3.6/8, Error ellipse: s-maj=81.5km s-min=14.6km az=131.0

ISC 03 15:51:06.4:0.8,49.33N:0.1:155.7E:0.1,h150km,n54, f=156Z/70,mb3.4/6,Kuril Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SKR, SKR, PAU, PAU, KDR, ASAK, ASAK, MTRV, MTRV, RUS, RUS, RUS, APC, APC, KRM, KRM, PETK, PET, PET, PET.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SMAR, SMAR, SMAR, SDLR, SDLR, KRX, NLC, NLC, NLC, GNL, GNL, GNL, SPN, SPN, SPN, KUR, KUR, KUR, KMRN, KMRN, SHO, KBT, KBT, YUK, YUK, BKI, ASAJ, H11S1, H11S3, H11S2, ILAR, INK, YKA, PDAR, TXAR, TXAR, ASAR.

ISCJB 03 15:54:07.6:0.6,36.39N:0.03:28.13E:0.04,h5km,5km, Error ellipse: s-maj=5.3km s-min=4.6km az=147.1

ATH 03 15:54:07.5,36.37N:28.14E,h13km,3km,ML2.3/2, Error ellipse: s-maj=4.3km s-min=1.6km az=157.0

CSEM 03 15:54:07.7:0.1,36.37N:28.14E,h5km,ML2.3, Error ellipse: s-maj=3.1km s-min=2.2km az=169.0

ISK 03 15:54:07.4,36.40N:28.14E,h8km,ML2.7/3. ISC 03 15:54:07.0:1.1,36.41N:0.02:28.16E:0.02,h4km,10km, n26,f=192Z/41, Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ARG, ARG, ARG, ARG, TURN, TURN, TURN, FET, FET, FET, FET, NIS, NIS, NIS, BOD, BOD, BOD, KARP, KARP, KARP, KARP, KARP, KARP.

ISK 03 16:00:08.9,39.06N:28.59E,h8km,ML2.3/8. ISCJB 03 16:00:09.4:0.5,39.08N:0.03:28.57E:0.03,h0km,8km, Error ellipse: s-maj=5.4km s-min=3.5km az=2.7

CSEM 03 16:00:09.8:0.2,39.07N:28.59E,h0km,2km,ML2.7, Error ellipse: s-maj=4.1km s-min=2.7km az=169.0

DDA 03 16:00:09.3,39.06N:28.58E,h7km,ML2.7. ISC 03 16:00:09.5:0.9,39.06N:0.03:28.59E:0.02,h9km,7km, n27,f=49Z/45,Turkey

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like DEMI, DEMI, DEMI, SIMA, SIMA, SIMA, SIMA, KULA, KULA, KULA, MANT, MANT, AKHS, AKHS, AKHS, AKS, AKS, GEDZ, GEDZ, GEDZ, BALIKESIR, BALIKESIR, STEP, STEP, TVST, TVST, AKS, AKS, KAL, KAL, BAL, BAL.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like HHC Hu-ho-hao-te, YAK Yakutsk, SEY Seymchan, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SISI Saibi, MNSI Mandailing Nat, PDSI Padang, etc.

Table with columns: CD2, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like BHPL Bhopal, KOLN Koldanda, ENH Enshi, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Makanchi, Changchun, Charters Tower, QLP, STKA, etc.

ISC/JB 03 17:48:15.4-0.6, 23N-0.08-29.3W:0.1, h10km, mb3.6/12, MS3.4/15, Error ellipse: s-maj=12.7km s-min=9.4km az=155.6

ISC 03 17:48:15.4-0.8, 60.13N-29.40W, h0km, mb3.7/12, mb1.3/9.14, mb1mx3.6/66, mbtmp3.7/14, ML3.6/2, MS3.5/18, Ms1.3/4.0, ms1mx2.6/4, Error ellipse: s-maj=25.0km s-min=15.4km

ISC 03 17:48:17.0-0.8, 60.22N-0.1-29.36W:0.09, h10km, n29, o568/16, mb3.7/12, MS3.4/15, Reykjanes Ridge

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

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

ISC 03 17:56:40.2-0.9, 2.40S:134.30E, h0km, mb3.8/10, mb1.4/0.11, mb1mx3.8/47, mbtmp3.9/11, ML4.1/1, MS3.4/2, Ms1.3/4.2, ms1mx2.7/46, Error ellipse: s-maj=34.1km s-min=14.8km az=51.0

ISC/JB 03 17:56:41.8-0.4, 2.41S:0.04-134.22E:0.05, h27km, mb3.9/12, MS3.4/2, Error ellipse: s-maj=6.8km s-min=5.5km az=168.0

DJA 03 17:56:42.9-0.4, 2.2S:2.13E, h10km, M4.5/6, mb4.7/3, M4.4/4.6

NEIC 03 17:56:45.1-0.6, 2.58S:134.10E, h35km, mb4.2/6, Error ellipse: s-maj=15.8km s-min=8.0km az=73.0

ISC 03 17:56:43.6-0.6, 2.37S:0.04-134.24E:0.06, h27km, n42, o2507/44, mb3.9/12, Irian Jaya region

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

ISC 03 18:07:29.3-1.2, 23.77S:179.74W, h455km, 44km, mb3.4/5, mb1.3/7.7, mb1mx3.2/44, mbtmp4.4/7, Error ellipse: s-maj=27.3km s-min=18.1km az=143.0

ISC/JB 03 18:08:29.7-0.8, 23.92S:0.10-179.67W:0.2, h512km, mb3.9/5, Error ellipse: s-maj=21.1km s-min=8.9km az=29.9

ISC 03 18:08:30.3-0.9, 24.05S:0.1-179.47W:0.2, h512km, n7, o258/9, mb3.8/5, South of Fiji Islands

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

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

ISC 03 18:17:58.3-0.8, 51.39N:178.12E, h0km, mb3.8/18, mb1.4/0.19, mb1mx3.8/72, mbtmp3.9/19, ML4.7/1, MS2.8/1, Ms1.2/8.1, ms1mx2.3/67, Error ellipse: s-maj=24.7km s-min=13.0km az=172.0

ISC/JB 03 18:18:03.5-0.4, 51.46N:0.07-178.12E:0.04, h45km, mb4.0/18, Error ellipse: s-maj=10.5km s-min=3.6km az=175.1

NEIC 03 18:18:06.0-0.5, 51.77N:178.30E, h68km, mb4.1/31, ML3.8(AE/C), After AEIC

ISC 03 18:18:05.8-0.5, 51.77N:0.1-178.15E:0.04, h45km, n106, o184/104, mb4.0/36, Rar Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like R11A Troy Canyon, C, 47.12 79 eP, P, 18 26 32.5 -1.0, DUG Duway, Toolee, 47.65 75 eP, P, 18 26 36.6 -0.9, PD31 Pinedale Array, 48.02 71 eP, P, 18 26 40.4 -0.2, etc.

ISCJB 03 18:24:43.70.7, 18:5N.0:1.27:1W.0:1, h10km, mb4.0/15, Error ellipse: s-maj=18.4km s-min=11.0km az=138.3

NEIC 03 18:24:44.6.0.7, 18:39N:27.26W, h10km, mb4.9/2, Error ellipse: s-maj=17.5km s-min=10.8km az=222.0

CSEM 03 18:24:44.6.2.3, 18:74N:27.26W, h10km, mb4.9/2, Error ellipse: s-maj=17.5km s-min=10.8km az=222.0

ISC 03 18:24:45.0.8, 18:3N.0:1.27:1W.0:1, h10km, n37, a=158/33, mb4.0/15, North Atlantic Ocean

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like SACV Santiago Islan, 4.74 135 Op Pn, SACV Santiago Islan, 4.74 135 ePn Pn, SACV Santiago Islan, 4.74 135 ePn Pn, etc.

ISCJB 03 18:26:00.2.1.0, 13:21N.0:10:120:13E:0.09, h10km, mb3.6/4, Error ellipse: s-maj=16.7km s-min=8.4km az=141.1

ISC 03 18:26:06.0.1.9, 14:45N:121:22E, h10km, 11km, mb3.3/4, mb1.3/4, mb1mx3.0/65, mbtmp3.7/4, Error ellipse: s-maj=59.8km s-min=20.4km az=56.0

ISC 03 18:26:01.7.1.4, 13:33N.0:1:120:19E:0.10, h10km, n6, a=85/77, mb3.7/4, 1C, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like PGP Puerto Galera, 0.77 74 Op Pn, PGP Puerto Galera, 0.77 74 ePn Pn, PGP Puerto Galera, 0.77 74 ePn Pn, etc.

ISCJB 03 18:45:22.1.1.1, 13:38N.0:04:120:15E:0.05, h9km, 10km, mb3.6/4, Error ellipse: s-maj=9.9km s-min=6.1km az=33.5

MAN 03 18:45:22.13:45N:120:13E, h22km, mb4.3, ML3.2, MS3.0

ISC 03 18:45:27.3.1.4, 14:32N:121:19E, h106km, 9km, mb3.3/4, mb1.3.6/4, mb1mx3.0/65, mbtmp3.7/4, MS2.8/2, Ms1.2.8/2,

ms1mx2.5/30, Error ellipse: s-maj=47.4km s-min=18.5km az=61.0

ISC 03 18:45:22.9.1.6, 13:37N.0:07:120:20E:0.05, h12km, 13km, n15, a=102/20, mb3.5/4, 1C-1D, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like LUBP Lubang, 0.36 7 Op Pn, LUBP Lubang, 0.36 7 ePn Pn, PGP Puerto Galera, 0.74 80 Op Pn, etc.

ISC 03 18:46:10.3.1.1, 17:43S:167:24E, h0km, mb4.1/10, mb1.4/11, mb1mx4.1/45, mbtmp4.1/11, ML3.9/1, MS3.5/8, MS1.3.6/8, ms1mx3.2/38, Error ellipse: s-maj=39.3km s-min=20.5km az=133.0

ISCJB 03 18:46:11.0.0.3, 17:51S:0:06:167:08E:0.08, h12km, mb4.4/24, MS3.5/7, Error ellipse: s-maj=11.6km s-min=7.6km az=33.1

NEIC 03 18:46:12.3.0.3, 17:45S:167:11E, h10km, mb4.8/14, Error ellipse: s-maj=11.9km s-min=8.1km az=139.0

ISC 03 18:46:12.4.0.7, 17:53S:0:07:167:2E:0.2, h12km, n52, a=132/47, mb4.7/23, MS3.6/7, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like DZM Mont Dzumac, 4.57 188 Op Pn, DZM Mont Dzumac, 4.57 188 ePn Pn, DZM Mont Dzumac, 4.57 188 ePn Pn, etc.

ISC 03 18:49:01.3:27.0, 17:44S:174:83W, h0km, mb3.9/4, mb1.4/0.4, mb1mx3.6/45, mbtmp3.9/4, Error ellipse: s-maj=54.21km s-min=156.1km az=86.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like STKA Stephens Creek, 41.85 242 Op Pn, STKA Stephens Creek, 41.85 242 ePn Pn, WRA Warramunga Arr, 48.07 259 Op Pn, etc.

1.0nm, 0.6s, baz=87, slow=8.1, SNR=18

FITZ Fitzroy Crossi 56.47 260 P 18 58 45.2 -0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like DZM Mont Dzumac, 4.63 189 Op Pn, DZM Mont Dzumac, 4.63 189 ePn Pn, WRA Warramunga Arr, 31.19 260 P, etc.

ISC 03 18:53:58.5.1.7, 17:38S:167:42E, h0km, mb3.9/6, mb1.4/2.6, mb1mx3.8/48, mbtmp3.9/6, MS3.1/1, Ms1.3/1.1, ms1mx2.6/35, Error ellipse: s-maj=79.6km s-min=25.0km az=147.0

ISCJB 03 18:53:06.0.1.1, 17:45S:0:09:167:4E:0.2, h19km, mb3.8/6, Error ellipse: s-maj=26.9km s-min=12.0km az=10.7

ISC 03 18:54:01.5.1.2, 17:45S:0:16:167:4E:0.2, h19km, n8, a=1506/7, mb3.9/6, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like DZM Mont Dzumac, 4.71 191 Sn Sn, HNR Honiara, 10.78 317 LR LR, STKA Stephens Creek, 27.45 234 P P, etc.

ISC 03 18:55:44.7.5.4, 13:49N:120:07E, h42km, 81km, mb3.2/3, mb1.3/3.2, mb1mx3.0/70, mbtmp3.4/3, Error ellipse: s-maj=57.3km s-min=25.0km az=13.0

ISC 03 18:55:42.3.1.6, 13:40N:0:04:120:19E:0.06, h14km, 12km, n10, a=102/17, mb3.5/3, 1C-1D, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like LUBP Lubang, 0.33 10 Op Pn, LUBP Lubang, 0.33 10 ePn Pn, PGP Puerto Galera, 0.75 82 Op Pn, etc.

ATH 03 18:59:32.5.37:45N:27:27E, h8km, 3km, ML2.4/3, Error ellipse: s-maj=5.2km s-min=2.5km az=285.0

DDA 03 18:59:33.9.37:49N:27:14E, h7km, M2.4

ISCJB 03 18:59:34.5.0.4, 37:49N:27:16E, h7km, ML2.7, Error ellipse: s-maj=4.5km s-min=2.1km az=59.0

ISC 03 18:59:34.6.0.1, 37:48N:27:16E, h7km, ML2.7, Error ellipse: s-maj=3.3km s-min=2.1km az=59.0

ISC 03 18:59:34.7.0.3, 37:47N:0:02:27:16E:0.02, h12km, 6km, n39, a=74/70, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like DIDI Didim-Aydin, 0.11 152 Op Pn, DIDI Didim-Aydin, 0.11 152 ePn Pn, DIDM G?zelcami?, 0.23 11 ePn Pn, etc.

Table with columns: MAT, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like ASAHIKAWA, HACHIOJIMA, USURUKI, etc.

IDC 03 21:53:21.8-1.9, 17.60Sx167.24E, h0km, mb3.8/4, mb1 4.0/5, mb1mx3.7/43, mbtmp3.8/5, ML3.5/1, Error ellipse: s-maj=53.0km s-min=30.5km az=128.0, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like DZM, STKA, WRA, etc.

IDC 03 21:57:14.1-59.0, 16.99Sx168.76E, h0km, mb3.8/3, mb1 4.0/4, mb1mx3.6/42, mbtmp3.8/4, ML4.0/1, MS4.2/1, Ms1 4.2/1, ms1mx2.9/33, Error ellipse: s-maj=99.75km s-min=58.7km az=73.0, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like DZM, RAO, STKA, etc.

Table with columns: WRA, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like WARRAMUNGA ARR, ALICE SPRINGS, FITZ, etc.

IDC 03 22:02:45.7-4.7, 22.09Sx68.58W, h0km, mb3.8/1, mb1 3.8/2, mb1mx3.5/36, mbtmp3.7/2, ML3.5/1, Error ellipse: s-maj=140.6km s-min=54.3km az=71.0, ISJCJB 03 22:03:01.3-0.8, 20.38Sx104.66W, 0.1, h120km, 11km, mb3.4/1, Error ellipse: s-maj=23.1km s-min=6.2km az=4.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like IPOC, PSGC, etc.

IDC 03 22:05:56.4-4.4, 17.82Sx166.96E, h0km, mb4.0/4, mb1 4.3/5, mb1mx3.8/42, mbtmp4.1/5, ML4.2/1, Error ellipse: s-maj=85.3km s-min=39.0km az=81.0, ISJCJB 03 22:05:57.3-1.2, 17.89Sx107.167E, 0.2, h20km, mb4.1/8, Error ellipse: s-maj=27.7km s-min=10.5km az=175.3

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like DZM, STKA, WRA, etc.

IDC 03 22:13:28.4-3.5, 27.14Sx176.81W, h0km, mb3.7/3, mb1 4.1/3, mb1mx3.6/37, mbtmp3.7/3, Error ellipse: s-maj=255.8km s-min=35.2km az=163.0, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like WRA, TXAR, AKASG, etc.

Table with columns: MOY, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like ARS, FITZ, PPT2, etc.

IDC 03 22:19:49.1-1.9, 17.77Sx167.41E, h0km, mb3.8/5, mb1 4.0/6, mb1mx3.7/41, mbtmp3.8/6, ML3.1/1, MS3.1/1, Ms1 3.1/1, ms1mx2.6/39, Error ellipse: s-maj=51.9km s-min=29.4km az=124.0, ISJCJB 03 22:19:21.2-1.5, 17.88Sx108.167E, 0.2, h23km, mb3.7/5, MS2.9/1, Error ellipse: s-maj=34.2km s-min=11.9km az=2.2, ISJC 03 22:19:22.7-1.6, 17.9Sx101.167E, 0.3, h23km, n7, 0.0797V, mb3.8/5, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like DZM, AFJ, STKA, etc.

IDC 03 22:24:03.2-2.1, 36.98N, 142.91E, h0km, mb3.6/3, mb1 3.8/4, mb1mx3.3/61, mbtmp3.6/4, ML3.1/1, Error ellipse: s-maj=47.6km s-min=29.1km az=74.0, JMA 03 22:24:09.7-0.1, 38.84N, 142.46E, h35km, 2km, M3.3, ISJC 03 22:24:09.6-2.4, 38.90N, 0.05, 142.5E, 0.1, h30km, 13km, n19, 0.19824, mb4.0/3, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like OFUJ, MIYJ, JMK, etc.

MEX 03 22:34:58.2-0.8, 16.06N, 96.54W, h23km, 76km, MD3.9, Oaxaca

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like HUIG, VHO, PNH, etc.

ISN 03 22:47:20.5:0.3, 34.76N:45.61E, h0km, ML3.6
 IDC 03 22:47:26.9:1.3, 34.77N:45.70E, h0km, mb3.8/9,
 mb1 3.8/13, mb1mx3.5/20, mb1mp3.7/13, ML3.6/4, MS4.0/2,
 Ms1 3.9/2, ms1mx2.7/55, Error ellipse: s-maj=29.9km
 s-min=17.2km az=164.0
 ISCJB 03 22:47:27.4:0.4, 34.76N:0.03:45.61E:0.03, h10km,
 mb3.7/9, MS4.0/2, Error ellipse: s-maj=5.0km s-min=3.5km
 az=161.6

CSEM 03 22:47:27.0:0.3, 34.75N:45.56E, h2km, ML3.6, Error
 ellipse: s-maj=8.0km s-min=5.2km az=40.0
 TEH 03 22:47:28.5:0.4, 34.77N:45.62E, h10km, ML3.6
 ISC 03 22:47:28.9:0.6, 34.81N:0.04:45.65E:0.03, h10km, n74,
 c174/84, mb3.6/9, 4C-1D, Iran-Iraq border region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
IDHR	Dehrash	0.61 100	Op	22 47 39.9	-1.0
IDHR	Dehrash	0.61 100	eP	22 47 39.9	-1.0
IDHR	Dehrash	0.61 100	eS	22 47 39.9	-1.0
IDHR	Dehrash	0.61 100	eMB	22 47 39.9	-1.0
IDHR	Dehrash	0.61 100	eP	22 47 39.9	-1.0
IDHR	Dehrash	0.61 100	eS	22 47 39.9	-1.0
IDHR	Dehrash	0.61 100	eMB	22 47 39.9	-1.0
IVIS	Veis	1.02 106	eP	22 48 02.5	+0.1
IVIS	Veis	1.02 106	eS	22 48 02.5	+0.1
IVIS	Veis	1.02 106	eMB	22 48 02.5	+0.1
IKOM	Komasi	1.66 112	eP	22 48 00.2	+0.6
IKOM	Komasi	1.66 112	eS	22 48 00.2	+0.6
IKOM	Komasi	1.66 112	eMB	22 48 00.2	+0.6
IKOM	Komasi	1.66 112	eP	22 48 00.2	+0.6
BHD	Komasi	1.86 215	eP	22 48 00.5	-0.4
HSAM	Samen	2.51 103	eP	22 48 11.7	+1.7
HSAM	Samen	2.51 103	eS	22 48 11.7	+1.7
HKZM	Kohzaman	2.93 77	eP	22 48 19.3	+1.3
CUKT	Cukurca	2.75 326	eP	22 48 19.4	+2.2
CUKT	Cukurca	2.75 326	eS	22 48 19.4	+2.2
CUKT	Cukurca	2.75 326	eMB	22 48 19.4	+2.2
CUKT	Cukurca	2.95 326	eP	22 48 16.1	+0.2
CUKT	Cukurca	2.95 326	eS	22 48 16.1	+0.2
CUKT	Cukurca	2.95 326	eMB	22 48 16.1	+0.2
YOVA	Hakkari_Y...kse	2.98 339	eP	22 48 17.2	+0.2
YOVA	Hakkari_Y...kse	2.98 339	eS	22 48 17.2	+0.2
YOVA	Hakkari_Y...kse	2.98 339	eMB	22 48 17.2	+0.2
IBST	Bostanabad	3.06 19	eP	22 48 18.2	
HAKT	HAKKARI	3.16 331	eP	22 48 19.2	+0.2
HAKT	HAKKARI	3.16 331	eS	22 48 19.2	+0.2
HAKT	HAKKARI	3.16 331	eMB	22 48 19.2	+0.2
ISHB	Shabestar	3.47 360	eP	22 48 22.9	+0.3
ISHB	Shabestar	3.47 360	eS	22 48 22.9	+0.3
ISHB	Shabestar	3.47 360	eMB	22 48 22.9	+0.3
IRAZ	Razeghan	3.56 79	eP	22 48 25.9	+1.5
IRAZ	Razeghan	3.56 79	eS	22 48 25.9	+1.5
IRAZ	Razeghan	3.56 79	eMB	22 48 25.9	+1.5
IRAZ	Razeghan	3.56 79	eP	22 48 25.9	+1.5
IHRH	Heris	3.68 17	eP	22 48 26.1	0.0
IHRH	Heris	3.68 17	eS	22 48 26.1	0.0
IHRH	Heris	3.68 17	eMB	22 48 26.1	0.0
IHRH	Heris	3.68 17	eP	22 48 26.1	0.0
IHRH	Heris	3.68 17	eS	22 48 26.1	0.0
IHRH	Heris	3.68 17	eMB	22 48 26.1	0.0
SIRT	Sirnak	3.74 317	eP	22 48 26.2	+1.1
SIRT	Sirnak	3.74 317	eS	22 48 26.2	+1.1
SIRT	Sirnak	3.74 317	eMB	22 48 26.2	+1.1
SIRN	S'-rnak	3.75 317	eP	22 48 25.9	-1.1
SIRN	S'-rnak	3.75 317	eS	22 48 25.9	-1.1
SIRN	S'-rnak	3.75 317	eMB	22 48 25.9	-1.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eMB	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eP	22 48 29.2	+0.1
IMRD	Marand	3.90 1	eS	22 48 29.2	+0.1
IMRD	Marand	3.90 1			

TKM2	Tokmak 2	7.25 25	↑P	Pn	23 33 57.1	+0.6
TKM2	comp=Z,80nm,0.5s					
TKM2			↑S	Sn	23 35 17.6	+0.3
TKM2	comp=Z,168nm,1.2s					
TKM2	Tokmak 2	7.25 25	PN	Pn	23 33 57.0	+0.6
TKM2	SNR=266	7.25 25	P	Pn	23 33 57.2	+0.8
AAA	Alma-Ata	8.00 30	i/PN	Pn	23 34 07.9	+1.5
AAA			i/S	Sn	23 35 38.8	+3.6
AAA	comp=Z,100nm,0.5s			pmax		
AAA	comp=E,400nm,1.2s			smax	smax	
AAA	comp=Z,700nm,2.0s			MLR	MLR	
MDOK	Medeo	8.02 31	P	Pn	23 34 07.4	+0.7
KNDC	Almaty	8.03 31	↑P	Pn	23 34 08.4	+1.6
DDI	Dehra Dun	8.26 136	ex	Pn	23 34 08.9	-1.1
DDI			ex	x	23 35 24.5	
DDI	comp=E,346nm,1.1s			IAML	23 36 09.8	
DDI	comp=N,373nm,0.4s			IAML	23 36 14.8	
NDI	New Delhi	9.16 146	eP	Pn	23 34 22.0	-0.2
NDI			↑P	x	23 35 57.0	
PDGK	Podgornye	9.29 40	↑P	Pn	23 34 23.6	-0.3
PDGK	comp=N,70nm,1.2s					
PDGK	Podgornye	9.29 40	P	Pn	23 34 23.8	-0.2
GEYT	Alibek	10.69 282	S	Pn	23 34 38.8	-4.1
GEYT	comp=N,4.6nm,0.3s,baz=88,slow=9.5,SNR=27			S		
GEYT				Sn	23 36 31.1	-1.0
PYUN	Piuthan	12.85 127	eP	Pn	23 35 10.0	-1.8
PYUN	comp=N,62nm,0.4s					
MAKZ	Makanchi	13.04 34	eP	Pn	23 35 12.9	-1.0
MAKZ	Makanchi	13.04 34	ePn	Pn	23 35 12.9	-1.0
MK01	Makanchi Array	13.16 35	↑P	Pn	23 35 14.4	-1.0
MK31	Makanchi Array	13.17 35	↑P	Pn	23 35 14.2	-1.4
MK31	comp=N,7.2nm,0.5s,baz=219,slow=12,SNR=153					
MK31	Makanchi Array	13.17 35	eP	Pn	23 35 14.7	-0.9
MK31	Makanchi Array	13.17 35	ePn	Pn	23 35 14.7	-0.9
MKAR	Makanchi Array	13.17 35	eP	Pn	23 35 14.7	-0.9
KOLN	Koldan	13.47 126	eP	Pn	23 35 18.3	-1.5
KOLN	comp=N,31nm,0.4s					
BHPL	Bhopal	14.14 157	eP	Pn	23 35 26.4	-1.9
BHPL			ex	x	23 37 53.2	
WMQ	Urumqi	14.49 54	↑P	Pn	23 35 31.9	-0.7
WMQ			↑P	P	23 35 46.6	+1.0
WMQ			↑P	pP	23 36 00.3	
WMQ	comp=N,42nm,0.8s			pmax	pmax	
WMQ	comp=N,160nm,3.7s			LR	LR	
WMQ	comp=N,290nm,4.1s			LR	LR	
WMQ	comp=N,350nm,5.3s			LR	LR	
DMN	Daman	14.58 123	eP	Pn	23 35 32.2	-1.9
DMN	comp=N,33nm,10.7s					
KKN	Kakani	14.58 122	eP	Pn	23 35 32.0	-2.0
KKN	comp=N,20nm,0.3s					
PKIN	Pulchoki	14.79 123	eP	Pn	23 35 35.1	-1.7
PKI	Pulchoki	14.81 123	eP	Pn	23 35 35.3	-1.7
GUN	Gumba	14.91 121	eP	Pn	23 35 36.0	-2.4
GUN	comp=N,1.5nm,0.3s,baz=222,slow=15,SNR=92					
KURBB	Kurchatov Arra	15.10 18	P	Pn	23 35 36.9	-3.2
KURBB	comp=N,0.2nm,0.3s,baz=208,slow=12,SNR=15			S		
KURBB				S	23 38 31.3	-5.0
JBP	Jabalpur	15.27 148	↑P	Pn	23 35 40.9	-0.4
JBP			ex	x	23 38 15.1	
KURK	Kurchatov	15.20 18	↑P	Pn	23 35 42.4	+0.8
KURK	comp=N,1.1nm,0.8s					
KURK	Kurchatov	15.20 18	ceP	Pn	23 35 42.5	+1.0
KURK	comp=N,1.1nm,0.9s			pmax	pmax	
KURK	Kurchatov	15.20 18	ePn	Pn	23 35 42.3	+0.8
IKFK	Ikfak	15.20 18	S	Pn	23 35 41.4	-1.7
JIRN	Jiri	15.29 121	eP	Pn	23 35 41.4	-1.7
AB31	Akbulak array	15.30 33	↑P	Pn	23 35 40.5	-2.2
AB31	comp=Z,1.5nm,0.7s			↓S		
AB31				Sn	23 38 23.8	-8.0
ABKAR	Akbulak array	15.30 33	ePn	Pn	23 35 40.6	-2.1
ABKAR	comp=Z,1.54nm,0.6s					
RAMN	Ramite	16.02 112	eP	Pn	23 35 51.2	-0.9
RAMN	comp=Z,24nm,0.4s					
TAPN	Taplejung	16.54 129	eP	Pn	23 35 57.4	-1.2
BVAO	Borovoye Array	16.61 358	P	Pn	23 35 58.6	-0.4
BVAO	comp=Z,1.9nm,0.3s					
BVAO				Sn	23 38 54.8	-8.5
BVAR	Borovoye Array	16.61 358	P	Pn	23 35 58.6	-0.3
BVAR	comp=Z,2.2nm,0.3s,baz=174,slow=13,SNR=7					
BVAR				Pn	23 38 53.2	-1.0
BRVK	Borovoye	16.68 358	ceP	Pn	23 35 59.2	-0.2
BRVK	comp=Z,1.4nm,0.3s,baz=168,slow=23,SNR=5.2					
BRVK				pmax	pmax	
BRVK	Borovoye	16.65 358	ePn	Pn	23 35 59.3	-0.1
BRVK	comp=Z,86nm,1.2s					
BRVK				pmax	pmax	
AKTO	Aktyubinsk	17.00 330	P	Pn	23 36 03.0	-0.7
AKTO	comp=Z,2.2nm,0.6s					
AKTO				Pn	23 38 59.0	-1.4
AKTO	Aktyubinsk	17.00 330	↑P	Pn	23 36 03.0	-0.7
AKTO	comp=Z,1.0nm,0.3s,baz=55,slow=19,SNR=5.5					
AKTO				↓S		
AKTO				Sn	23 39 05.9	-6.7
WSAR	Wadi Sarin	17.16 223	P	Pn	23 36 04.6	-1.1
WSAR	comp=Z,0.5nm,0.3s,baz=76,slow=3.8,SNR=6.0					
BOK	Bokaro	17.75 131	ex	Pn	23 36 07.3	-5.0
LSA	Lhasa	17.86 106	eP	Pn	23 36 15.6	+0.8
LSA	comp=Z,9.0nm,0.8s			pmax	pmax	
LSA	Lhasa	17.86 106	eP	Pn	23 36 15.6	+0.8
ZAAO	Zalesovo Array	19.85 24	↑P	P	23 36 35.1	+0.2
ZAAO	comp=Z,3.7nm,0.7s					
ZAAO	Zalesovo Array	19.85 24	P	P	23 36 35.3	+0.4
ZAAO	comp=Z,2.5nm,0.6s					
ZALV	Zalesovo Beam	19.85 24	P	P	23 36 35.2	+0.3
ZALV	comp=Z,2.1nm,0.5s,baz=208,slow=12,SNR=68					
CYB	Hyderabad	19.97 160	i/P	Pn	23 36 40.0	-4.7
HJB			e/S	Pn	23 36 40.0	-4.1
HYB			e/S	P	23 36 38.6	+0.6
NVS	Novosibirsk	20.14 20	eP	S	23 36 38.2	-4.6
NVS			ex	S	23 36 35.3	+0.4
NVS	comp=N,34nm,0.9s			pmax	pmax	
NVS	comp=E,19nm,0.9s			pmax	pmax	
NVS	comp=Z,42nm,0.9s			smax	smax	
NVS	comp=N,10.0nm,0.9s			smax	smax	
NVS	comp=E,20nm,0.9s			smax	smax	
SHL	Shilling	20.60 116	eP	P	23 36 42.5	-0.9
GROC	Groznyy	20.74 297	eP	P	23 36 45.5	+1.0
GROC			e	P	23 40 50.4	
GROC			e/SS	S	23 41 02.5	-2.2
GROC			pmax	pmax		
GNI	Garni	21.21 288	P	P	23 36 52.3	+2.5
GNI	comp=Z,69nm,1.2s					
GNI	Garni	21.21 288	eP	P	23 36 51.8	+2.0
GNI	comp=Z,34nm,0.8s,baz=338,slow=0.7,SNR=31			pmax	pmax	
GNI				pmax	pmax	
GNI	Garni	21.21 288	eP	P	23 36 51.8	+2.0
GNI	comp=Z,50nm,1.0s					
GNI	Garni	21.21 288	P	P	23 36 51.8	+2.0
TBLG	Delisi	21.31 293	P	P	23 36 52.8	+2.1
SVE	Sverdlovsk	21.65 344	eP	P	23 36 55.8	+1.7
SVE	comp=Z,36nm,0.8s					
ARU	Arti	21.80 341	P	P	23 36 56.2	+0.5
ARU	comp=Z,23nm,0.5s,baz=151,slow=5.0,SNR=49					
ARU	Arti	21.80 341	↑P	P	23 36 57.2	+1.5
ARU				S	23 37 28.2	
ARU				S	23 40 50.7	+0.9
ARU	comp=Z,98nm,1.2s			pmax	pmax	

ARU	Arti	21.80 341	eP	P	23 36 56.8	+1.0
ARU	comp=Z,68nm,1.0s					
ZEI	Tsey	22.05 295	eP	P	23 36 59.4	+0.7
ZEI			pmax	pmax		
AKH	Akhalkalaki	22.21 291	P	P	23 37 01.8	+1.4
NCK	Nalchik	22.37 297	eP	P	23 37 03.1	+1.3
NCK			pmax	pmax		
GTA	Galati	22.59 74	eP	P	23 37 07.4	+3.2
GTA			pP	P	23 37 31.0	+5.2
GTA			sP	P	23 37 44.3	+4.6
GTA			pmax	pmax		
KBZ	Khabarovsk	22.91 297	P	P	23 37 07.2	+0.2
KBZ	comp=Z,9.3nm,0.8s,baz=107,slow=6.5,SNR=18					
NEY	Neytrino	22.96 296	eP	P	23 37 10.3	+2.4
NEY			pmax	pmax		
GOF	Gofitskoye	23.05 301	↑P	P	23 37 08.6	+0.2
GOF			pmax	pmax		
KVAR	Kislovodsk Arr	23.09 298	P	P	23 37 08.3	-0.7
KVAR	comp=Z,30nm,0.7s					
KVAR	Kislovodsk Arr	23.09 298	P	P	23 37 09.9	+0.9
KVAR	comp=Z,5.4nm,0.5s,baz=61,slow=13,SNR=8.9					
KVAR	Kislovodsk	23.09 298	eP	S	23 37 42.6	-2.4
KIV	Kop Dagji	23.09 298	eP	S	23 41 13.3	+1.9
KIV			eS	S		
KIV			pmax	pmax		
KIV			pmax	pmax		
KIV			pmax	pmax		
ARTV	Artvin	23.38 291	eP	P	23 37 12.3	+0.4
ARTV	comp=Z,4.7nm,1.0s					
KOYT	Koyun Dagji	24.46 288	eP	P	23 37 21.4	-0.4
KOYT	comp=Z,11nm,1.0s					
RAYN	Ar Rayn	25.75 247	P	P	23 37 33.1	-0.2
RAYN	Ar Rayn	25.75 247	eP	P	23 37 33.2	-0.2
VRH	Novokhopovsk	25.78 314	eP	P	23 37 32.3	-0.9
VRH			pmax	pmax		
MOY	Mondy	25.94 45	eP	P	23 37 41.8	+7.0
LZH	Lanzhou	26.12 81	eP	P	23 37 33.2	-3.4
LZH			eP	P	23 37 56.3	-4.7
LZH			sP	P	23 38 08.2	-5.8
LZH			PP	Pn	23 38 19.0	-3.0
LZH			eS	S	23 41 52.0	-7.9
LZH			sS	S	23 42 34.0	-8.8
LZH			sS	Sn	23 43 10.5	-0.6
LZH			SS	Sn	23 47 46.7	+0.1
VSR	Storozhevoye	27.28 313	eP	P	23 37 46.7	+0.1
VSR			pmax	pmax		
CD2	Chengdu	27.42 92	P	P	23 37 47.6	-0.6
CD2	comp=Z,10.0nm,0.9s			pmax	pmax	
LPSR	Galich'ya Gora	27.92 316	eP	P	23 37 52.8	+0.5
LPSR			pmax	pmax		
LPSR			pmax	pmax		
LPSR			pmax	pmax		
SONM	Songino Array	28.12 55	P	P	23 37 56.1	+1.7
SONM	comp=Z,3.9nm,0.8s,baz=265,slow=8.5,SNR=19					
SONA1	Songino Array	28.13 55	eP	P	23 37 55.7	+1.3
BR131	Keskin Array B	29.75 288	eP	P	23 38 09.9	+1.1
BRTR	Keskin Array B	29.75 288	P	P	23 38 08.6	-0.3
BRTR	comp=Z,0.9nm,0.6s,baz=109,slow=12,SNR=6.1					
BRTR	Keskin Array B	29.75 288	ceP	P	23 38 11.1	+2.2
BRTR			pmax	pmax		
CMAR	Chiang Mai Arr	30.15 119	P	P	23 38 12.1	-0.3
CMAR	comp=Z,2.3nm,0.5s,baz=302,slow=9.7,SNR=2.9					
OBN	Obninsk	30.19 319	↑P	P	23 38 13.1	+0.7
OBN			eP	P	23 39 16.3	
OBN			pmax	pmax		
OBN			pmax	pmax		
OBN			pmax	pmax		
HHC	Hu-ho-hao-te	31.50 70	eP	P	23 38 24.5	+0.2
HHC			PP	P	23 39 34.7	-2.7
HHC			S	P	23 43 2	

4d 0h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, ASAR Warrungarra Arr, FITZ Fitzroy Crossi, etc.

IDC 04 00:34:46.4,28.0,21'52S:177'29W,h446km,234km, mb3.2/4,mb1 3.4/4,mb1mx3.0/39,mbtmp4.0/4, Error ellipse: s-maj=319.8km s-min=51.9km az=135.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CTA Charters Tower, ASAR Alice Springs, ASAR Warrungarra Arr, etc.

ISCJB 04 00:53:35.9,0.8,25'1N:0.1:140'9E:0.3,h100km,mb4.0/9, Error ellipse: s-maj=47.0km s-min=9.0km az=23.6 IDC 04 00:53:39.1,1.8,25'12N:141'12E,h115km,16km,mb3.7/9, mb1 3.9/10,mb1mx3.3/72,mbtmp4.0/10, Error ellipse: s-maj=51.0km s-min=14.1km az=105.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR Warrungarra Arr, FITZ Fitzroy Crossi, ASAR Alice Springs, etc.

KRSC 04 00:54:27.5,1.6,51'36N:153'86E,h453km,20km,ML4.9 MOS 04 00:54:27.7,1.0,51'50N:153'35E,h450km,mb4.2/63, Error ellipse: s-maj=7.5km s-min=4.6km az=73.1

ISCJB 04 00:54:28.0,0.2,51'73N:0'03:152'92E:0'03, h420km,1km,mb4.2/142, Error ellipse: s-maj=4.8km s-min=3.0km az=158.3

NEIC 04 00:54:28.9,0.4,51'70N:152'94E,h416km,5km,mb4.2/84, Error ellipse: s-maj=6.2km s-min=3.6km az=174.0

IDC 04 00:54:29.4,0.7,51'53N:152'31E,h418km,8km,mb3.7/41, mb1 3.8/48,mb1mx3.7/84,mbtmp4.5/48, Error ellipse: s-maj=8.6km s-min=3.8km az=160.0

ISC 04 00:54:28.9,0.5,51'88N:0'05:153'05E:0'04,h422km,5km, n404,r1s48/466,mb4.2/142,232-9D,Northwest of Kuril Islands

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

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Main table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KOK Koryaka, KRX Arik, AVH Avacha, UGLR Uglovaia, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YAK comp=E,10.0nm,1.2s, YAK comp=Z,250nm,4.5s, YAK comp=E,181nm,6.4s, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like Karagaybulak, North Pit, Halema'uma'u T, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like Pinedale Array, Pinedale Array, Dugway, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like KECV, GPCP, GO Pecny, Ondr, etc.

IDC 04 00:59:23.1, 1.0, 24.1, 12N, 127.03E, h0km, mb3.6/7, mb1.3.8.9, mb1mx3.5/71, mbtmp3.6/9, ML3.5/2, Error ellipse: s-maj=37.2km s-min=18.8km az=84.0

ISCJB 04 00:59:26.0, 2.0, 8.24, 14N, 108.12E, 1.0, 2.2, h34km, mb3.4/7, Error ellipse: s-maj=23.1km s-min=2.0km az=15.9

ISC 04 00:59:28.2, 1.0, 24.1, 1N, 0.1, 127.1E, 0.2, h34km, n9, e1904/10, mb3.2/7, Southeast of Ryukyu Islands

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like JOW, JNU, SONM, etc.

NIED 04 01:05:00, 38.20N, 142.40E, h26km, Mw3.4 Best double couple: Mb1.66000x1014 NPT1.9e88.00000, 832.00000, 1.64.00000, NIP2.201.00000, 876.00000, 1.60.00000

JMA 04 01:05:27.3, 0.2, 38.20N, 142.40E, h35km, 2km, M3.8, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like JIO, OFUNO, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MAZI Mazidag, DIYA Diyarbakir, DEMA Diyarbakir, etc.

ICD 04 02:03:33.12.1, 17.975x166.59E, h0km, mb3.8/4, mb1 4.0/5, mb1mx3.7/41, mbtmp3.8/5, ML3.4/1, MS3.7/1, Ms1 3.7/1, ms1mx2.7/41, Error ellipse: s-maj=44.1km s-min=31.3km az=102.0, Vanuatu Islands

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

ICD 04 02:08:06.4.1.5, 8°S 4'x11°9E, h28km, 17km, M3.9/7, MLV3.9/7

ISC 04 02:08:06.6.1.0, 7.825x119.05E, h34km, n10, c3505/14, Flores Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PLA1 Plampang, WBSI Waikabubak, BSSI Bau Bau, etc.

ICD 04 02:14:37.1.3.7, 6.88S:149.74E, h0km, mb3.1/2, mb1 3.6/3, mb1mx3.2/52, mbtmp3.4/3, ML3.7/1, MS3.4/1,

Ms1 3.4/1, ms1mx2.6/18, Error ellipse: s-maj=121.2km s-min=35.9km az=109.0, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, TGY Tagaytay City, etc.

ICD 04 02:19:43.5.1.0, 17°60S:167°23E, h0km, mb4.3/11, mb1 4.5/12, mb1mx4.2/49, mbtmp4.3/12, ML4.2/1, MS3.4/4, Ms1 3.4/4, ms1mx3.0/43, Error ellipse: s-maj=35.5km s-min=18.8km az=143.0

ISCJB 04 02:19:45.2.0.6, 17°68S:167°26E, h10km, mb4.3/13, MS3.3/2, Error ellipse: s-maj=15.1km s-min=9.7km az=17.6

NEIC 04 02:19:45.1.0.5, 17°63S:167°26E, h10km, mb4.5/2, Error ellipse: s-maj=15.5km s-min=10.7km az=133.0

ISC 04 02:19:46.6.0.8, 17.735x167.2E, h2.0, h19km, n27, c160/24, mb4.2/12, Vanuatu Islands

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

ICD 04 02:28:02.0.1.9, 17.91S:166.57E, h0km, mb3.8/4, mb1 4.0/5, mb1mx3.6/45, mbtmp3.8/5, ML3.4/1, MS3.5/4, Ms1 3.5/4, ms1mx3.0/43, Error ellipse: s-maj=50.6km s-min=33.4km az=126.0, Vanuatu Islands

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

ICD 04 02:39:43.3.5.2, 39°05N:110°08E, h0km, mb3.5/3, mb1 3.7/4, mb1mx3.2/76, mbtmp3.5/4, ML2.7/1, Error ellipse: s-maj=108.7km s-min=23.0km az=86.0, Western Nei Mongol

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SONM Songino Array, WRA Warramunga Arr, ASAR Alice Springs, etc.

ICD 04 02:46:43.0.8.0, 17°33S:178°17W, h586km, 98km, mb2.9/6, mb1 3.3/6, mb1mx2.9/46, mbtmp3.7/6, Error ellipse: s-maj=103.1km s-min=27.7km az=156.0, Fiji Islands region

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

0.1nm, 0.3s, baz=24, slow=2.7, SNR=3.6

JMA 04 02:47:58.1.0.1, 24°11'N:122°53E, h47km, 4km, M2.7, TAP 04 02:47:58.1, 24°09'N:122°55E, h34km, 2km, ML3.4, D ISC 04 02:47:58.5.1.1, 24°09'N:122°54E, h33km, 6km, n56, c987/109, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JYNG Yonagunijima, YOJ Yonaguni jima, EOS1 Eos1, ENAH Nanao, etc.

4d 2h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like TWQ1, ELDTW, WJS, JISG, ALS, CHNS, WCHH, TWG, WDLH, WTP, JTJ, CHN1, SGST.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like DZM, DZM, AFI, STKA, WRA, ASAR, ILAR.

NIED 04 02:54:00, 24.70N, 122.70E, h113km, Mw4.8 Best double couple: Mb1.50000x1016, Np1.0x214.00000, s3.7.00000, Az=72.00000, NP2.0x12.00000, s55.00000, Az=103.00000.

MOS 04 02:54:21.2, 24.79N, 122.63E, h122km, mb4.9/35, Error ellipse: s-maj=8.5km s-min=5.1km az=91.3, ISCJB 04 02:54:21.5, 0.1, 24.69N, 0.01, 122.67E, 0.01, h121km, 1km, mb4.8/164, Error ellipse: s-maj=2.3km s-min=1.8km az=153.7.

BUI 04 02:54:21.3, 24.66N, 122.70E, h118km, mb4.6/64, mb4.8/45

GCMT 04 02:54:22.5, 0.4, 24.66N, 122.61E, h138km, 4km, Mw5.0/92, Moment Tensor Solution, s16, c19; s92, c126; Duration: 0 Moment tensor: Scale 10^19Nm, M1=0.80, -1.3; M2=2.2, -1.5; M3=3.31, -1.6; M4=2.16, -0.9; M5=0.50, -1.8; M6=-1.17, -1.0; Best double couple: M3, 91900x1016, Np1.0x313.00000, s80.00000, Az=140.00000, NP2.0x215.00000, s51.00000, Az=13.00000. Principal axes: T 3.8510, Plg19.0000, Azm78.0000; N 0.1310, Plg49.0000, Azm324.0000; P -3.9870, Plg34.0000, Azm182.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

TAP 04 02:54:22.6, 24.67N, 122.66E, h116km, ML5.6, B NEIC 04 02:54:22.5, 0.3, 24.70N, 122.60E, h122km, 3km, mb5.1/111, ML5.4(TAP), Error ellipse: s-maj=4.9km s-min=3.5km az=105.0.

NEIC Felt at Taipei and Tanshui. Recorded [3 TAP] in Yilan, [2 TAP] in Hualien and [1 TAP] in Changhua, Miaoli, Nantou, Taitung and Taoyuan. Recorded [2 JMA] on Ishigaki-jima, Ryukyu Islands.

JMA 04 02:54:22.2, 0.1, 24.62N, 122.63E, h117km, 2km, M4.9 JMA Felt II J1.

ISC 04 02:54:22.9, 0.3, 24.71N, 0.02, 122.67E, 0.02, h127km, 2km, h127km, pP, M5.20, s1.67/693, mb5.0/164, 70C-21D, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like JYNG, YOJ, YON, YOY, EOST, TWB1, NTC, TIPB, ENAH, ILA, NWF, WFSB, WFSB, NANB, ENA.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like ENA, TWE, ENT, IRIF, TAP1, YM12, TATO, NACB, TWY, TWY, TWD, YHNB, YHNB, NSK, NTST, TWS1, NNSB, NNSH, NNS, HWA, HWA, HATJ, ENLJ, ENL, WLTB, WLTB, JKRS, JKRS, NCUH, NCUH, JIJ, JIJ, WHF, ESL, ESL, TDCB, TDCB, JISG, JISG, LIOB, LIOB, CHGB, CHGB, HSN, HSN, HSGD, HSGD, NMLH, NMLH, EHY, EHY, DPDB, DPDB, NSY, NSY, TWQ1, TWQ1, PTBS, PTBS, SMLT, SMLT, YULB, YULB, YULB, YULB, SSSL, SSSL, SSSL, SSSL, TYC, TYC, JTJ, JTJ.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like JTJ, TWF1, TCU, TCU, FULB, FULB, YUS, YUS, WNT, WNT, CHKT, CHKT, CHKT, WCHH, WCHH, ALS, ALS, CHNS, CHNS, CHNS, ELDTW, ELDTW, WKG, WKG, WDLH, WDLH, WDLH, RLNB, RLNB, JIRB, JIRB, CHN2, CHN2, CHN2, STYT, STYT, TPUB, TPUB, TPUB, TPUB, WTCT, WTCT, WTCT, JIKM, JIKM, JIKM, WTP, WTP, JMJ, JMJ, JMJ, CHY, CHY, TWGBT, TWGBT, TWGT, TWGT, TWG, TWG, TWG, TWG, WSF, WSF, WSF, CHN1, CHN1, JOGS, JOGS, SGST, SGST, CHN8, CHN8, ECL, ECL, ECL, SCLT, SCLT, SCLT, TAI1, TAI1, TAI1, MASBT, MASBT, MASBT, SGLT, SGLT, SGLT, MATB, MATB, MATB, LAY, LAY, LAY, TAW, TAW, TAW, EAST, EAST, EAST, WVUC, WVUC, WVUC, SCZT, SCZT, SCZT, WSSB, WSSB, WSSB, PNG, PNG, PNG, PHUB, PHUB, PHUB, WDGJ, WDGJ, WDGJ.

TWP	baz=243	3.17 222	eP	Pn	02 55 11.4	-0.2
HEN	Hsioliuchiu	3.23 214	eP	Pn	02 55 12.9	+0.5
HEN	Hengchun	3.25 205	eS	Sn	02 55 50.1	-0.5
TSEB	baz=205	3.24 211	eP	Pn	02 55 12.2	-0.3
TSEB	Hengchuen, Pin	3.25 209	eS	Sn	02 55 49.7	-1.1
TWKBT	baz=209	3.25 212	eP	Pn	02 55 12.0	-0.7
TWKBT	Hengchun	3.25 210	eS	Sn	02 55 48.7	-2.4
TWK1	baz=210	3.25 212	eP	Pn	02 55 11.8	-0.9
TWK1	Hengchun	3.25 210	eS	Sn	02 55 49.1	-1.9
OZH	baz=210	3.71 274	ijP	Pn	02 55 17.3	-1.5
OZH	Quanzhou	3.71 274	ijP	Sn	02 55 58.1	-3.9
OZH	comp=N,700nm,1.1s		smax	smax		
OZH	comp=E,570nm,0.7s		LR	LR		
OZH	comp=Z,760nm,7.8s		LR	LR		
KNM	Kimmen	3.87 267	ijP	Pn	02 55 21.2	+0.3
KNM	baz=268		eS	Sn	02 56 04.8	-1.0
KNMB	Chin-men Tao	3.91 267	ijP	Pn	02 55 19.9	-1.4
KNMB	baz=268		eS	Sn	02 56 02.7	-3.9
JOW	baz=268	5.47 66	P	Pn	02 55 40.2	-2.0
JOW	Kunigami	5.47 66	P	Sn	02 56 39.5	-4.7
JOW	59nm,0.3s, baz=274, slow=19, SNR=3.8		S	Sn		
JOW	Kunigami	5.47 66	ijP	Pn	02 55 40.2	-2.0
JOW	baz=67		eP	Sn	02 55 39.7	-2.5
JOW	Kunigami	5.47 66	eP	Sn	02 56 39.5	-4.7
JOW	SSE	6.49 349	P	Sn	02 55 56.0	+0.1
JOW	SSE	6.49 349	P	Sn	02 57 06.5	-2.2
JOW	SSE		smax	smax		
SSE	comp=N,82nm,1.0s		smax	smax		
SSE	comp=E,160nm,1.1s		smax	smax		
VDOS	Pratas Island	6.79 235	eP	Pn	02 56 00.3	+0.4
NJ2	Nanjing	8.05 336	eP	Pn	02 56 17.3	+0.4
NJ2	comp=Z,67nm,0.9s		S	Pmax	02 57 46.6	+0.3
NJ2	comp=N,350nm,1.0s		smax	smax		
NJ2	comp=E,270nm,1.0s		LR	LR		
NJ2	comp=N,11um,4.3s		LR	LR		
NJ2	comp=E,3um,4.1s		LR	LR		
NJ2	comp=Z,980nm,3.9s		LR	LR		
WHN	Wuhan	9.39 310	ijP	Pn	02 56 34.8	-0.2
WHN	Tagaytay City	10.68 189	P	Pn	02 56 54.4	+1.9
WHN	84nm,0.3s, baz=0.0, slow=4, SNR=3.0		P	Pn		
JNU	Nakatsue	11.03 39	P	Pn	02 56 57.6	+0.5
JNU	1.4nm,0.3s, baz=190, slow=4.8, SNR=20		P	Pn		
TJN	Taejon	12.31 18	ijP	Pn	02 57 13.8	0.0
ENH	ENH	12.94 298	eP	Pn	02 57 21.5	-0.7
INCN	Inchon	13.17 14	P	P	02 57 29.4	-0.9
INCN	Inchon	13.17 14	eP	Pn	02 57 26.0	+1.0
QIZ	Qiongzong	13.18 247	P	Pn	02 57 25.8	+0.5
QIZ	comp=N,450nm,16.9s		S	Sn	02 57 58.8	+2.1
QIZ	comp=E,370nm,25.3s		LR	LR		
QIZ	comp=Z,330nm,33.3s		LR	LR		
KS15	Wonju Array Si	13.45 18	eP	Pn	02 57 31.1	-2.3
KSAR	Wonju Array Be	13.45 18	P	P	02 57 31.1	-2.3
KSAR	Wonju Array Be	13.45 18	P	Pn	02 57 31.1	-2.2
KSRS	Korea Array	13.47 18	P	Pn	02 57 31.1	+2.2
KSRS	4.1nm,0.3s, baz=194, slow=12, SNR=66		P	Pn		
KS01	Wonju Array Si	13.48 18	eP	Pn	02 57 30.6	+1.6
DL2	Dalian	14.18 357	P	Pmax	02 57 43.1	+1.6
DL2	comp=Z,28nm,0.7s		P	P	02 57 44.8	-1.1
GYA	Guiyang	14.55 280	ijP	P	02 57 59.2	+1.6
GYA	comp=Z,50nm,0.9s		P	Pn	03 00 22.4	-1.5
GYA	comp=Z,140nm,4.3s		P	P	03 02 51.2	+3.2
XAN	Xi'an	15.15 311	P	Pn	02 57 53.2	+0.8
XAN	comp=Z,21nm,1.2s		pP	Pmax	02 57 58.4	+8.1
XAN	comp=N,830nm,8.6s		LR	LR		
XAN	comp=E,460nm,5.9s		LR	LR		
XAN	comp=Z,260nm,7.7s		LR	LR		
TYT	Taiyuan	15.63 328	eP	P	02 58 00.7	+3.1
TIY	comp=Z,28nm,0.5s		Pmax	Pmax		
TIY	comp=Z,200nm,4.2s		LR	LR		
TIY	comp=N,520nm,6.7s		LR	LR		
TIY	comp=E,470nm,8.6s		LR	LR		
TIY	comp=Z,380nm,5.6s		LR	LR		
BJT	Baijiatau	16.21 342	eP	P	02 58 04.4	+0.4
BJT	comp=Z,17nm,1.0s		Pmax	Pmax		
BJT	Baijiatau	16.21 342	eP	P	02 58 04.4	+0.4
BJT	comp=Z,17nm,1.0s		P	P		
BJI	Beijing	16.23 342	ijP	P	02 58 06.2	+0.2
BJI	comp=Z,17nm,0.8s		eP	S	02 58 40.5	+2.3
BJI	comp=Z,17nm,0.8s		S	S	03 01 06.2	-0.2
SNY	Shenyang	17.09 2	ijP	Pn	02 58 14.7	+0.8
SNY	comp=Z,41nm,0.7s		S	Pmax	03 01 23.0	-1.4
SNY	comp=Z,300nm,11.1s		LR	LR		
SNY	comp=Z,360nm,11.8s		LR	LR		
SNY	comp=Z,400nm,17.2s		LR	LR		
JHJ	Hachio jima 2	17.15 57	P	Pn	02 58 17.6	+2.8
JHJ2	Mitsune	17.17 57	eP	P	02 58 13.0	-1.7
CBJ	Chichi jima	17.71 78	eP	P	02 58 18.0	-2.7
CBJ	comp=Z,332nm,1.3s		P	P		
CJY	Chichijima	17.71 78	P	P	02 58 20.7	0.0
CJY	comp=Z,22nm,0.3s, baz=270, slow=21, SNR=5.8		P	P		
MAJO	Matsushiro	17.80 45	ijP	P	02 58 21.6	+0.1
MAJO	comp=Z,21nm,0.9s		Pmax	Pmax		
MAJO	Matsushiro	17.80 45	eP	P	02 58 20.4	-1.2
MAJO	comp=Z,19nm,0.9s		P	P		
MAT	Matsushiro	17.80 45	eP	P	02 58 19.8	-1.7
MJB9	Matsu-Tsune	17.80 45	eP	P	02 58 20.9	-0.7
MJB9	comp=Z,19nm,0.9s		P	P		
MJAR	Matsushiro Arr	17.80 45	P	P	02 58 20.5	-1.0
MJAR	comp=Z,1.0nm,0.3s, baz=238, slow=10, SNR=17		LR	LR		
MJAR	comp=Z,78nm,19.3s, baz=225, slow=40		LR	LR	03 06 15.5	

CD2	Chengdu	17.83 294	P	P	02 58 22.4	+0.4
CD2	comp=Z,60nm,0.8s		S	P	02 58 59.0	-1.6
CD2	comp=Z,210nm,8.0s		S	P	03 01 40.6	0.0
CD2	comp=Z,600nm,7.0s		P	Pmax	03 02 55.1	+2.3
CD2	comp=Z,1um,5.9s		LR	LR		
CD2	comp=Z,600nm,7.0s		LR	LR		
KMI	Kunming	18.09 275	P	Pn	02 58 27.4	+1.1
KMI	comp=Z,16nm,0.6s		P	P	02 58 46.7	-1.0
KMI	comp=Z,180nm,4.0s		S	S	02 59 03.9	+0.2
KMI	comp=Z,250nm,6.4s		S	Sn	03 01 41.5	-4.7
KMI	comp=Z,230nm,6.3s		SS	Sn	03 02 08.6	+2.0
KMI	comp=Z,190nm,11.9s		SS	Pmax		
KDM	Kudat	18.56 199	ijP	Pn	02 58 32.0	+0.3
HHC	Hu-ho-hao-te	18.58 333	eP	P	02 58 28.3	-1.8
HHC	Hu-ho-hao-te	18.58 333	eP	Pn	02 58 32.7	+0.8
HHC	comp=Z,15nm,0.6s		S	Sn	03 01 52.9	-2.5
HHC	comp=Z,90nm,5.8s		P	Pmax	03 02 57.1	+3.1
HHC	comp=Z,1um,14.8s		P	Pmax		
HHC	comp=Z,1um,13.6s		LR	LR		
HHC	comp=Z,850nm,13.6s		LR	LR		
BTO	Baotou	19.06 329	eP	P	02 58 35.7	+0.3
SKNT	Sakolnokrorn	19.08 250	P	Pn	02 58 42.7	+4.9
SKNT	comp=Z,11nm,1.3s		P	P		
CN2	Changchun	19.18 6	eP	P	02 58 36.0	-0.5
CN2	comp=Z,30nm,0.9s		eP	P	02 58 56.9	-2.4
CN2	comp=Z,100nm,8.0s		pP	Pmax	02 59 14.1	-1.3
CN2	comp=Z,800nm,15.0s		eS	Pmax	03 02 09.5	+2.5
CN2	comp=Z,500nm,15.0s		LR	LR		
CN2	comp=Z,200nm,16.0s		LR	LR		
NONG	Nongkai	19.34 254	P	Pn	02 58 44.3	+3.4
KKM	Kota Kinabalu	19.57 200	eP	P	02 58 41.8	+0.6
SDKM	Sandakan	19.68 196	ijP	P	02 58 43.2	+0.9
LZH	Lanzhou	19.77 309	eP	P	02 58 44.5	+1.3
LZH	comp=Z,256nm,1.0s		pP	P	02 59 06.5	+0.4
LZH	comp=Z,256nm,1.0s		eP	S	02 59 09.6	-1.3
LZH	comp=Z,256nm,1.0s		SS	Sn	02 59 22.1	0.0
LZH	comp=Z,49nm,1.3s		SS	S	03 02 51.0	-6.3
LZH	comp=Z,250nm,5.0s		SS	Sn	03 02 56.2	+2.7
LZH	comp=Z,310nm,10.0s		Pmax	Pmax		
LZH	comp=Z,290nm,10.2s		LR	LR		
LZH	comp=Z,470nm,13.3s		LR	LR		
MYLDM	Lahad Datu	19.83 192	eP	P	02 58 43.2	-0.6
VLA	Vladivostok	19.86 20	ijP	P	02 58 44.5	+0.6
VLA	comp=Z,50nm,1.0s		P	P		
KHON	Khomkaen	20.35 250	P	Pn	02 58 55.3	+2.6
MDJ	Mudanjiang	20.64 14	P	P	02 58 53.5	+1.2
MDJ	comp=Z,23nm,0.9s		Pmax	Pmax		
MDJ	comp=Z,280nm,4.1s		P	P	02 58 53.7	+1.4
MDJ	comp=Z,30nm,1.3s		P	P		
TSM	Tawau	20.82 194	ijP	P	02 58 54.9	+0.5
USRK	Ussuriysk Arr	20.88 19	P	P	02 58 54.4	-0.4
USRK	comp=Z,41nm,0.7s, baz=202, slow=10, SNR=59		LR	LR	03 06 53.3	
CHAI	Chaiyaphum	21.27 250	P	P	02 59 00.8	+1.5
PHRA	Phrae	21.75 258	P	P	02 59 08.0	+3.6
PBKT	Sadao Pong	21.84 252	P	P	02 59 08.0	+2.6
SRAK	Srakraew	22.15 245	P	P	02 59 05.8	-2.8
NAYO	Nakonayok	22.60 247	P	P	02 59 18.3	+5.3
CMMT	Chiang Mai	22.79 260	P	P	02 59 16.2	+1.3
CHTO	Chiang Mai	22.79 260	P	P	02 59 16.3	+1.4
CHTO	Chiang Mai	22.79 260	eP	Pmax	02 59 15.3	+0.4
CHTO	comp=Z,12nm,1.0s		P	P	02 59 15.3	+0.4
CM01	Chiang Mai Arr	22.91 259	eP	P	02 59 15.3	+0.7
CMAR	Chiang Mai Arr	22.91 259	P	P	02 59 17.2	+1.2
CMAR	comp=Z,4.4nm,0.9s, baz=60, slow=8.2, SNR=19		pP	P	02 59 42.9	+2.5
CMAR	comp=Z,7.0nm,0.9s, baz=60, slow=7.7, SNR=4.7		S	ScP	03 06 29.8	+1.1
CMAR	comp=Z,1.0nm,0.4s, baz=54, slow=1.3, SNR=8.4		LR	LR	03 08 52.0	
BTM	Bitulu	23.30 252	ijP	P	02 59 19.8	+0.2
UTHA	Uthaitani	23.60 252	P	P	02 59 25.0	+2.6
GUM	Gumau	23.67 114	LR	LR	03 07 45.8	
KMSI	Kinlong	24.03 177	P	P	02 59 27.7	+1.5
MRSI	Marisa	24.10 182	P	P	02 59 28.4	+1.5
ERM	Ermo	24.20 40	ijP	P	02 59 26.3	-1.2
ERM	comp=Z,78nm,1.8s		Pmax	Pmax		
ERM	comp=Z,27nm,0.7s		P	P	02 59 25.2	-2.3
GTA	Goat'ai	24.20 313	eP	P	02 59 27.6	-0.1
GTA	comp=Z,12nm,1.0s		pP	P	02 59 54.6	+0.6
GTA	comp=Z,130nm,6.2s		S	P	03 00 08.8	-0.7
GTA	comp=Z,220nm,8.6s		S	S	03 03 33.6	-3.4
GTA	comp=Z,130nm,9.0s		SS	SnSn	03 04 19.7	-4.6
GTA	comp=Z,12nm,1.0s		Pmax	Pmax	03 04 37.8	+3.5
GTA	comp=Z,130nm,6.2s		LR	LR		
GTA	comp=Z,220nm,8.6s		LR	LR		
GTA	comp=Z,130nm,9.0s		LR	LR		
TNTI	Ternate	24.23 168	eP	P	02 59 28.5	+0.4
SBUM	Sibu	24.32 206	ijP	P	02 59 29.5	+0.6
SBUM	comp=Z,422nm,1.6s		P	P	02 59 29.2	+0.3
HIA	Hailar	24.62 355	eP	P	02 59 30.7	-0.6
HIA	comp=Z,11nm,0.8s		Pmax	Pmax		
HIA	comp=Z,11nm,0.8s		P	P	02 59 30.7	-0.6
ASAJ	Asahikawa	25.28 35	P	P	02 59 36.4	-0.9

ASAJ	Asahikawa	25.28 35	eP	P	
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HVU	Hansel Valley	89.36	28	eP	P	04 22 33.0 +0.8
D37A	Cotton	89.44	12	P	P	04 22 31.5 -0.8
E33A	Westby DABS, E	89.45	15	P	P	04 22 32.0 -0.3
BW06	Boulder Array	89.53	25	P	P	04 22 32.5 -0.6
BW06	Boulder Array	89.53	25	eP	P	04 22 32.8 -0.2
PD31	Pinedale Array	89.53	25	eP	P	04 22 32.6 -0.4
PDAR	Pinedale Array	89.53	25	eP	P	04 22 32.8 -0.3
PDAR	comp-Z, 2.8nm, 1.1s	LR	LR			05 06 17.8
PDAR	Pinedale Array	89.53	25	eP	P	04 22 32.2 -0.8
E34A	Wadena	89.60	14	P	P	04 22 32.7 -0.3
F31A	Hecla	89.62	16	P	P	04 22 32.8 -0.3
WAKR	Walker	89.68	34	eP	P	04 22 35.0 +1.2
CMB	Columbia Colle	89.69	35	eP	P	04 22 34.4 +0.8
CMB	comp-Z, 1.3nm, 1.2s	pmx	pmx			
CMB	Columbia Colle	89.69	35	eP	P	04 22 34.4 +0.8
E35A	Pequot Lakes	89.69	14	P	P	04 22 33.0 -0.4
KVN	Kaiserville	89.76	33	eP	P	04 22 35.2 +1.1
KVN	comp-Z, 3.4nm, 1.9s	pmx	pmx			
KVN	Kaiserville	89.76	33	eP	P	04 22 35.2 +1.1
F32A	Veblen	89.84	16	P	P	04 22 34.0 -0.2
RSSD	Black Hills	89.89	21	P	P	04 22 34.8 +0.1
RSSD	Black Hills	89.89	21	eP	P	04 22 34.5 -0.2
RSSD	comp-Z, 5.4nm, 1.3s	pmx	pmx			
RSSD	Black Hills	89.89	21	eP	P	04 22 34.5 -0.2
E36A	McGregor	89.93	13	P	P	04 22 34.2 -0.3
BGU	Big Grassy Mou	90.03	28	eP	P	04 22 36.4 +1.1
F33A	5 Mile Ranch	90.04	15	P	P	04 22 34.9 -0.1
E38A	The Farm	90.11	12	P	P	04 22 34.9 -0.4
NV01	Mina Array Sit	90.21	33	eP	P	04 22 36.9 +0.6
NVAR	Mina Array Bea	90.21	33	eP	P	04 22 37.0 +0.7
NVAR	comp-Z, 1.9nm, 0.8s, baz=297, slow=4.4, SNR=16	PP	PP			04 26 05.4 -3.7
NVAR	comp-Z, 0.3nm, 0.6s, baz=323, slow=7.3, SNR=2.7	LR	LR			05 03 48.2
G31A	Conde	90.24	17	P	P	04 22 36.1 +0.1
NV11	Mina Array Sit	90.27	33	eP	P	04 22 37.6 +1.1
F34A	Alexandria	90.27	14	P	P	04 22 35.9 -0.3
F35A	Swanville	90.34	14	P	P	04 22 36.0 -0.4
G32A	Webster	90.36	16	P	P	04 22 36.6 0.0
TCUT	Toone Canyon	90.41	27	eP	P	04 22 38.3 +1.0
E39A	Mellen	90.48	11	P	P	04 22 36.8 -0.3
E40A	Wakefield	90.51	11	P	P	04 22 37.5 +0.3
F36A	Milaca	90.52	13	P	P	04 22 36.8 -0.4
K22A	Casper	90.56	23	P	P	04 22 37.4 -0.3
MDPB	Devils Postpil	90.57	34	eP	P	04 22 38.9 +0.8
E41A	Kent	90.61	10	P	P	04 22 37.3 -0.4
G33A	Ortonville	90.63	15	P	P	04 22 37.7 -0.2
CTU	Camp Tracy	90.68	27	eP	P	04 22 39.1 +0.7
F38A	Pierce - Schro	90.69	12	P	P	04 22 37.9 -0.2
G34A	Benson	90.74	15	P	P	04 22 38.0 -0.3
DUG	Dugway, Tooele	90.75	28	P	P	04 22 38.8 +0.1
DUG	Dugway, Tooele	90.75	28	eP	P	04 22 39.4 +0.7
DUG	comp-Z, 3.8nm, 1.8s	pmx	pmx			
DUG	Dugway, Tooele	90.75	28	eP	P	04 22 39.4 +0.7
E42A	Champion	90.78	9	P	P	04 22 38.0 -0.4
F37A	Hinrichs Farm,	90.80	13	P	P	04 22 38.6 0.0
SUSD	Miller	90.82	17	P	P	04 22 38.9 +0.1
JLU	Jordane	90.86	27	eP	P	04 22 40.2 +0.9
F39A	Loretta	90.88	11	P	P	04 22 38.8 -0.2
H31A	Wolsey	90.89	17	P	P	04 22 38.7 -0.4
E43A	Lone Tree Farm	90.94	9	P	P	04 22 38.3 -0.9
G35A	Watkins	90.97	14	P	P	04 22 39.2 -0.2
F40A	Park Falls	90.99	11	P	P	04 22 38.7 -0.8
H33A	Prehn Over Nor	91.06	16	P	P	04 22 39.7 -0.2
G36A	St. Michael	91.09	14	P	P	04 22 39.7 -0.2
H32A	Carlson Farm,	91.09	16	P	P	04 22 38.8 -0.2
LSZ	Lusaka	91.16	250	eP	P	04 22 40.3 -0.5
LSZ	comp-Z, 1.8nm, 0.9s	pmx	pmx			
LSZ	Lusaka	91.16	250	eP	P	04 22 40.3 -0.5
LSZ	comp-Z, 1.8nm, 0.9s	MLR	MLR			
LSZ	comp-Z, 1.98nm, 20.0s	LR	LR			
NLU	North Lily Min	91.22	28	eP	P	04 22 42.0 +1.0
RWWY	Rawlins	91.24	24	eP	P	04 22 41.5 +0.5
H34A	Spellman Lake,	91.26	15	P	P	04 22 41.1 +0.3
TOA0	Torodi Ar. Sit	91.27	289	eP	P	04 22 41.0 -0.3
TORD	Torodi Ar. Bea	91.27	289	eP	P	04 22 40.9 -0.4
TORD	comp-Z, 6.7nm, 0.9s, baz=46, slow=4.0, SNR=34	PP	PP			04 26 09.2 -9.0
TORD	comp-Z, 0.7nm, 0.8s, baz=32, slow=5.5, SNR=3.8	PKK	PKK			04 00 01.7 +0.5
TORD	comp-Z, 1.2nm, 0.8s, baz=263, slow=1.9, SNR=7.0	LR	LR			05 09 50.2
F41A	Three Lays	91.31	10	P	P	04 22 40.6 -0.3
MPU	Maple Canyon	91.32	28	eP	P	04 22 42.2 +0.8
R11A	Troy Canyon, C	91.35	31	eP	P	04 22 41.6 0.0
R11A	Troy Canyon, C	91.35	31	eP	P	04 22 42.2 +0.7
F44A	Big Bay de Noc	91.40	8	P	P	04 22 41.2 -0.1
H35A	Sunnyside Ranc	91.41	14	P	P	04 22 41.6 +0.1
F43A	Flat Rock, Esc	91.45	9	P	P	04 22 41.4 -0.2
G39A	Holcombe	91.46	12	P	P	04 22 41.4 -0.2
G38A	Ridgeland	91.47	12	P	P	04 22 41.3 -0.3
I32A	Karley and Nic	91.54	16	P	P	04 22 41.7 -0.4
G40A	Rib Lake	91.62	11	P	P	04 22 42.3 -0.1
RCTC	Reactor, Farmer	91.63	35	P	P	04 22 42.3 -0.3

I33A	Coleman	91.66	16	P	P	04 22 42.5 -0.2
H36A	Jessenland, He	91.69	14	P	P	04 22 43.2 +0.5
F46A	Melaw City C	91.76	7	P	P	04 22 42.9 -0.2
F45A	CMU Biological	91.78	8	P	P	04 22 43.0 -0.1
G41A	Antigo	91.81	10	P	P	04 22 43.3 0.0
GRAC	Grapevine Rang	91.82	33	P	P	04 22 45.0 +1.4
PSUT	Pine Spring	91.84	30	eP	P	04 22 45.0 +1.2
I34A	Hadley	91.85	15	P	P	04 22 43.7 +0.2
H37A	Dierke Farm, C	91.86	13	P	P	04 22 44.3 +0.7
H38A	Maiden Rock	91.88	13	P	P	04 22 43.7 +0.1
G42A	Mountain	91.88	10	P	P	04 22 43.3 -0.4
G43A	Wallace	91.96	9	P	P	04 22 43.4 -0.5
ECSD	EROS Data Cent	91.99	16	P	P	04 22 44.0 -0.2
ECSD	EROS Data Cent	91.99	16	eP	P	04 22 44.1 -0.1
CWC	Cottonwood Cre	92.00	34	P	P	04 22 45.0 +0.4
H39A	Augusta	92.03	12	P	P	04 22 44.1 -0.2
J32A	Parkston	92.08	17	P	P	04 22 44.7 +0.1
YES	Vestal, Richgr	92.09	35	P	P	04 22 44.9 +0.2
PHWV	Pilot Hill	92.11	23	eP	P	04 22 46.2 +1.0
TMUT	Trail Mountain	92.11	28	eP	P	04 22 46.2 +1.0
P17A	Butcher Ranch,	92.11	27	eP	P	04 22 45.9 +0.8
P18A	Preston Nutter	92.14	27	eP	P	04 22 46.3 +1.0
SMMC	Simmler	92.15	36	P	P	04 22 45.8 +0.7
I35A	Creekview Farm	92.20	15	P	P	04 22 45.0 -0.1
I36A	Fitzsimmons Fa	92.22	14	P	P	04 22 45.5 +0.3
H40A	Chili	92.22	11	P	P	04 22 45.1 -0.1
TPNV	Topopah Spring	92.31	32	eP	P	04 22 46.0 +0.1
TPNV	Topopah Spring	92.31	32	eP	P	04 22 46.9 +0.9
TPNV	comp-Z, 1.2nm, 1.4s	pmx	pmx			
TPNV	Topopah Spring	92.31	32	eP	P	04 22 46.9 +0.9
J33A	Davis	92.32	16	P	P	04 22 45.4 -0.3
I37A	Lemond, Waseca	92.33	14	P	P	04 22 46.0 +0.3
H41A	Junction City	92.33	11	P	P	04 22 45.4 -0.4
O20A	White River Cj	92.33	25	P	P	04 22 45.7 -0.4
O20A	White River Cj	92.33	25	eP	P	04 22 46.2 +0.1
N23A	Red Feather La	92.33	23	P	P	04 22 45.9 -0.3
N23A	Red Feather La	92.33	23	eP	P	04 22 47.4 +1.2
DAC	Darwin (Calif)	92.34	34	eP	P	04 22 46.0 -0.1
DAC	comp-Z, 8.0nm, 0.9s	pmx	pmx			
MSU	Marysvale	92.47	29	eP	P	04 22 48.5 +1.7
MSU	Marysvale	92.47	29	eP	P	04 22 48.5 +1.7
FJRC	Furnace Creek,	92.48	33	P	P	04 22 47.0 +0.5
I38A	Scanlan Farm	92.49	13	P	P	04 22 46.7 +0.3
ISA	Isabella, Lake	92.50	35	P	P	04 22 46.3 -0.5
ISA	Isabella, Lake	92.50	35	eP	P	04 22 47.4 +0.6
ISA	comp-Z, 5.0nm, 1.1s	pmx	pmx			
ISA	Isabella, Lake	92.50	35	eP	P	04 22 47.4 +0.6
SRU	San Rafael Swe	92.51	27	eP	P	04 22 48.1 +1.2
J34A	George	92.56	16	P	P	04 22 48.2 -0.6
MPMC	Manual Prospec	92.58	34	P	P	04 22 47.4 +0.1
H42A	Shiocton	92.59	10	P	P	04 22 46.7 -0.2
PKM	Mpherson Peak	92.59	36	P	P	04 22 47.6 +0.3
K31A	O'Neill	92.60	18	P	P	04 22 46.7 -0.3
PKME	Peaks-Kenny Pk	92.64	356	P	P	04 23 00.0 +1.3
PKME	comp-Z, 4.9nm, 19.0s	LR	LR			
H43A	Windswept, Lu	92.72	10	P	P	04 22 47.1 -0.4
I39A	Houston	92.80	12	P	P	04 22 47.4 -0.5
J36A	Seneca 1, Swea	92.83	14	P	P	04 22 47.9 -0.1
I41A	Arkdale	92.85	11	P	P	04 22 48.0 -0.1
MTPU	Mount Pierson	92.88	29	eP	P	04 22 50.7 +1.9
CCUT	Cedar City	92.89	30	eP	P	04 22 50.0 +1.2
I40A	Norwalk	92.90	12	P	P	04 22 48.3 -0.1
BANO	Bancroft	92.94	3	P	P	04 22 48.4 -0.2
SZCU	Shurtz Canyon	92.95	30	eP	P	04 22 50.2 +1.2
J37A	Redenius Farm,	92.99	14	P	P	04 22 48.9 +0.2
LRMC	Laurel Mtn Rad	92.99	34	P	P	04 22 50.0 +0.8
K34A	Le Mars	93.11	16	P	P	04 22 49.2 -0.1
SHPR	Shree Range	93.12	32	eP	P	04 22 51.4 +1.7
I42A	Drepper Farm,	93.15	10	P	P	04 22 49.2 -0.3
J38A	Wedel Dairy, R	93.17	13	P	P	04 22 49.3 -0.3
I43A	Langefeld Bro	93.25	10	P	P	04 22 49.8 -0.2
J39A	Decorah	93.28	13	P	P	04 22 49.5 -0.6
J40A	Soldiers Grove	93.37	12	P	P	04 22 50.1 -0.4
EDW2	Edwards Air Fo	93.38	35	P	P	04 22 51.0 +0.2
OGNE	Ogallala	93.38	21	P	P	04 22 50.8 +0.1
LONY	Lake Ozonia	93.40	0	P	P	04 22 50.7 0.0
LCMT	Little Creek M	93.41	30	eP	P	04 22 52.4 +1.4
ISCO	Idaho Springs	93.45	24	P	P	04 22 51.1 -0.3
ISCO	Idaho Springs	93.45	24	eP	P	04 22 52.2 +0.8
DELO	Deloro Mine	93.46	2	P	P	04 22 50.8 -0.1
K36A	Gilmore City	93.47	15	P	P	04 22 51.0 -0.1
K37A	Belmond	93.50	14	P	P	04 22 50.8 -0.3
J41A	Loganville	93.51	11	P	P	04 22 51.0 -0.2
GSC	Goldstone, Bar	93.51	34	eP	P	04 22 51.5 +0.1
GSC	Goldstone, Bar	93.51	34	eP	P	04 22 52.6 +1.2
PV09	Paradox Valley	93.53	27	eP	P	04 22 52.0 +1.2
SMCO	Snowmass	93.61	25	eP	P	04 22 50.3 +0.8
J42A	Columbus	93.68	11	P	P	04 22 51.4 -0.5
J43A	Natural Harves	93.71	10	P	P	04 22 51.5 -0.6
TUQ	Turquoise Moun	93.75	33	P	P	04 22 52.3 -0.3
BASO	Ashfield	93.76	5	P	P	04 22 51.9 -0.4

K38A	Parkersburg	93.77	14	P	P	04 22 52.0 -0.4
L35A	Bielow Farm, R	93.77	16	P	P	04 22 52.2 -0.2
K39A	Delawain					

0.1nm,0.4s,baz=257,slow=4.9,SNR=4.1
YKBS Yellowknife Ar 95.21 27 eP P 05 33 52.6 -0.2

ISCJB 04 05:26:02.9,0.6,24.62N:0.04,122.68E:0.02,
h108km,5km,Error ellipse: s-maj=7.1km s-min=3.0km
baz=176.1

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

ISCJB 04 05:36:41.2,0.3,58.94N:0.03,154.57W:0.07,
h137km,3km,mb3.1/4, Error ellipse: s-maj=6.7km
s-min=4.2km az=39.6

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

NNC 04 05:40:14.1,1.4,48.91N:68.60E,h0km,mb2.9,mpv2.5,
Error ellipse: s-maj=11.4km s-min=11.4km az=35.0,
Suspected Mining explosion.

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

0.1nm,0.3s,baz=288,slow=26,SNR=2.9
ZALV Zalesovo Beam 11.29 57 Pn Pn 05 42 56.1 -0.7

FINES Fines Array B 26.77 314 P P 05 45 56.5 +0.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Vnda, Cape Leeuwin H, Cape Leeuwin H, etc.

IDC 04 05:55:57.2,0.7,37.25N:141.76E,h0km,mb3.8/16,
mb1.4/0.18,mb1mx3.0/67,mbtmp3.9/18,ML2.1/2,MS2.9/7,
Ms1.2/9.7,ms1mx2.7/687, Error ellipse: s-maj=19.5km
s-min=16.0km az=92.0

MOS 04 05:55:59.3,1.3,37.32N:142.08E,h30km,mb4.2/11, Error
ellipse: s-maj=11.7km s-min=8.7km az=88.9

NIED 04 05:56:00.37,3.0N:141.80E,h38km,Mw4.0 Best double
couple: Mo.1.26000x10^15 NP1.9x129.00000, delta.1.00000,
lambda.5.00000, NP2.9x273.00000, delta.4.00000,
lambda.108.00000.

JMA 04 05:56:01.3,0.2,37.32N:141.79E,h42km,4km,M4.2

JMA Fell I JT

ISCJB 04 05:56:01.2,0.6,37.30N:0.03,141.82E:0.05,h39km,5km,
mb4.0/23,MS3.1/2, Error ellipse: s-maj=6.6km

NEIC 04 05:56:02.5,0.6,37.34N:141.87E,h39km,3km,mb5.0/6,
Error ellipse: s-maj=7.7km s-min=5.6km az=121.0

NEIC Recorded (1 JMA) in Fukushima and Miyagi.

ISC 04 05:56:02.1,3.7,37.29N:141.81E:0.06,h31km,9km,
n92,ci579.95,mb4.1/23,Near east coast of eastern

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

1DC 04 06:47:03.8:1.3, 17:36S:167:09E, h0km, mb4.0/5, mb1 4.3/6, mb1mx3.9/44, mbtmp4.0/6, MLJ=2.1, MS3.2/5, Ms1 3.2/5, ms1mx2.9/39, Error ellipse: s-maj=48.4km s-min=24.4km az=138.0
 ISCJB 04 06:47:04.1:1.0, 17:52S:0:08:167:1E:0.2, h12km, mb3.8/5, MS3.2/3, Error ellipse: s-maj=24.9km s-min=11.3km az=6.3
 ISC 04 06:47:05.5:1.2, 17:55S:0:16:72E:0.2, h12km, n8, r19107, mb3.9/5, MS3.1/3, Vanuatu Islands

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
DZM	Mont Dzumac	4.59	182	Op	ISC	06 48 15.1	+0.2
		9.5nm, 0.3s, baz=65, slow=6.9, SNR=68					
DZM				Sn		06 49 07.7	-0.6
		5.6nm, 0.3s, baz=130, slow=23, SNR=10					
DZM				LR		06 49 44.6	
		comp=Z, 92nm, 18.7s, baz=20, slow=34					
HNR	Honiara	10.66	318	LR		06 52 45.7	
		comp=Z, 164nm, 19.7s, baz=158, slow=33					
AFI	Afiama	20.58	83	LR		06 58 01.9	
		comp=Z, 28nm, 18.8s, baz=204, slow=32					
STKA	Stephens Creek	27.20	233	P		06 52 50.9	+1.6
		2.8nm, 0.9s, baz=69, slow=10, SNR=5.2					
STKA				LR		07 02 07.7	
		comp=Z, 49nm, 18.7s, baz=89, slow=33					
WRA	Warrungarra Arr	31.16	260	P		06 53 24.5	-0.1
		0.6nm, 0.8s, baz=90, slow=8.6, SNR=4.5					
ASAR	Allice Springs	31.79	253	P		06 53 28.2	-1.0
		2.2nm, 0.8s, baz=78, slow=7.9, SNR=16					
ASAR				LR		07 05 42.8	
		comp=Z, 62nm, 18.9s, baz=84, slow=35					
NVAR	Minia Array Bea	89.15	49	P		07 00 02.0	+0.5
		0.4nm, 0.6s, baz=228, slow=6.0, SNR=6.1					
ILAR	Eielson Array	89.18	18	P		06 59 60.0	-0.7
		0.6nm, 0.8s, baz=235, slow=5.1, SNR=7.9					

JSN 04 06:49:20.2:0.3, 19:51N:78:11W, h46km, 99km, MD3.5, 1C-2D, Cuba region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
BBJ	Bamboo Saint A	1.38	145	Op	ISC	06 49 42.6	-0.4
MCJ	Malvern	1.63	166	Op	ISC	06 49 46.1	-0.4
MCJ				S		06 50 05.6	-0.7
STH	Stony Hill	1.88	139	Op	ISC	06 49 45.9	-0.5

ISK 04 06:50:43.2, 38:62N:43:14E, h3km, ML2.5/3
 CSEM 04 06:50:44.8:0.3, 38:65N:43:16E, h8km, ML2.5, Error ellipse: s-maj=6.5km s-min=5.5km az=145.0
 DDA 04 06:50:44.9, 38:66N:43:22E, h7km, Md2.5
 ISCJB 04 06:50:45.1:0.8, 38:64N:0:03:43:15E:0:03, h10km, Error ellipse: s-maj=4.3km s-min=3.5km az=145.6
 ISC 04 06:50:45.4:0.8, 38:65N:0:02:43:15E:0:02, h10km, n24, r15244, Turkey

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
VANB	Van	0.20	106	Op	ISC	06 50 48.7	-0.9
				PG		06 50 52.9	+0.3
VANB				SG		06 50 48.7	-0.9
VANB				PG		06 50 52.9	+0.3
VANB				SG		06 50 48.7	-0.9
TVAN	Van	0.24	121	Op	ISC	06 50 49.0	-1.4
TVAN				S		06 50 53.1	-0.6
TVAN				PG		06 50 49.0	-1.4
TVAN				S		06 50 53.1	-0.6
GEVA	Gevas	0.34	191	Op	ISC	06 50 51.4	-0.9
GEVA				Sb		06 50 58.0	-1.3
GEVA				S		06 50 51.4	-0.9
GEVA				Sb		06 50 58.0	-1.3
VMUR	Van-Muradiye	0.47	45	Op	ISC	06 50 54.1	-0.6
VMUR				Sb		06 51 02.0	-1.1
VMUR				S		06 50 54.1	-0.6
VMUR				Sb		06 51 02.0	-1.1
CLDR	Caldiran	0.78	51	Op	ISC	06 50 59.4	-1.0
CLDR				SG		06 51 11.3	-0.6
CLDR				S		06 50 59.1	-1.3
CLDR				Sb		06 51 11.5	-0.4
CLDR				PG		06 50 59.1	-1.3
CLDR				SG		06 50 59.4	-1.0
GURO	Guroymak-BITLI	0.88	264	Op	ISC	06 51 13.5	-1.1
GURO				SG		06 51 13.5	-1.1
GURO				PG		06 51 00.7	-1.6
GURO				Sb		06 51 13.5	-1.1
EKAR	Karacaban	1.04	306	Op	ISC	06 51 07.0	+0.8
EKAR				S		06 51 26.1	+5.2
EKAR				Pn		06 51 07.0	+0.8
SRTM	Siirt_Merkez	1.17	236	Op	ISC	06 51 07.5	-0.3
SRTM				S		06 51 26.5	+2.6
SRTM				Pn		06 51 07.5	-0.3
SRTM				S		06 51 26.5	+2.6
HAKT	HAKKARI	1.18	158	Op	ISC	06 51 09.5	+1.4
HAKT				S		06 51 26.9	+2.5
HAKT				Pn		06 51 09.5	+1.4
HAKT				S		06 51 26.9	+2.5
EATA	Eleskirt	1.31	337	Op	ISC	06 51 09.0	-1.0
EATA				S		06 51 29.1	+1.3
EATA				Pn		06 51 09.0	-1.0
EATA				S		06 51 29.1	+1.3
CUKT	Cukurca	1.45	165	Op	ISC	06 51 10.8	-1.0
CUKT				Pn		06 51 10.8	-1.0

1DC 04 06:59:02.1:1.8, 17:60S:167:31E, h0km, mb3.9/4, mb1 4.1/5, mb1mx3.8/48, mbtmp3.9/5, ML3.7/1, MS3.2/6, Ms1 3.2/6, ms1mx2.9/45, Error ellipse: s-maj=47.2km s-min=27.2km az=118.0, Vanuatu Islands

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
DZM	Mont Dzumac	4.52	190	Op	ISC	07 01 11.5	-0.4
		3.5nm, 0.3s, baz=50, slow=20, SNR=37					
DZM				Sn		07 01 04.3	-1.0
		3.7nm, 0.3s, baz=122, slow=18, SNR=3.6					
HNR	Honiara	10.83	318	LR		07 04 59.3	
		comp=Z, 72nm, 18.2s, baz=230, slow=33					
AFI	Afiama	20.58	83	LR		07 09 53.6	
		comp=Z, 77nm, 20.9s, baz=218, slow=32					
PMG	Port Moresby	21.21	290	LR		07 09 27.1	
		comp=Z, 57nm, 20.8s, baz=236, slow=30					
STKA	Stephens Creek	27.25	234	P		07 04 49.3	+1.2
		3.8nm, 0.7s, baz=66, slow=10, SNR=11					
WRA	Warrungarra Arr	31.28	260	P		07 05 23.8	-0.3
		1.0nm, 1.0s, baz=84, slow=6.5, SNR=4.8					
WRA				LR		07 07 06.9	
		comp=Z, 60nm, 20.1s, baz=280, slow=35					
ASAR	Allice Springs	31.79	253	P		07 05 27.9	-0.6
		1.4nm, 0.7s, baz=78, slow=8.7, SNR=23					
ASAR				LR		07 17 19.1	
		comp=Z, 103nm, 18.5s, baz=88, slow=36					
PPT	Papeete	41.03	97	LR		07 23 18.5	
		comp=Z, 25nm, 18.1s, baz=106, slow=36					
ILAR	Eielson Array	89.23	18	P		07 11 59.5	-0.1
		0.6nm, 0.6s, baz=235, slow=5.0, SNR=9.5					

SJA 04 06:59:45.1:0.3, 29:32S:66:62W, h18km, 99km, ML3.5, MW3.8, La Rioja Province

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
APLL	PUNTA DE LOS L	0.48	170	Op	ISC	06 59 55.2	+0.1
APLL				Pb		07 00 02.5	+0.6
APLL				Sb		06 59 56.9	+0.3
APLL				eS		07 00 05.5	+1.0
APLL				IAML		07 00 11.7	
CYA	Choya	1.64	26	eP		07 00 15.2	+0.3

NIED 04 07:21:00.38:20N:141:90E, h3km, Mw3.8 Best double couple: M₀=4.7000e+10⁴ NP1₀=48.0000°, δ84.0000°, λ=178.0000°. NP2₀=318.0000°, δ89.0000°, λ=6.0000°

ISCJB 04 07:21:08.1:0.8, 38:20N:0:04:142:00E, h0km, h5km, 6km, mb3.7/9, Error ellipse: s-maj=11.0km s-min=5.1km az=20.1

1DC 04 07:21:09.5:2.2, 38:21N:142:04E, h62km, 21km, mb3.6/9, mb1 3.7/4, mb1mx3.5/72, mbtmp3.9/14, MS2.7/2,

Ms1 2.7/2, ms1mx2.3/65, Error ellipse: s-maj=22.1km s-min=14.5km az=96.0
 JMA 04 07:21:10.1:0.1, 38:24N:141:86E, h63km, 1km, M3.9
 JMA Felt I, J1
 ISC 04 07:21:08.8:1.4, 38:18N:0:05:142:04E:0:09, h5km, 12km, n34, r0588/42, mb3.9/9, Near east coast of eastern Honshu

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
JJO	Ouri	0.61	297	Op	ISC	07 21 22.0	+0.4
				S		07 21 30.4	-0.5
OFUJ	Ofunato	0.94	342	Op	ISC	07 21 26.4	+0.5
OFUJ				S		07 21 38.4	-0.1
JMK	Ichinoseki	1.00	320	Op	ISC	07 21 27.0	+0.3
JMK				S		07 21 39.1	+0.8
JMM	Marumori	1.03	253	Op	ISC	07 21 39.6	-0.1
JMM				S		07 21 39.6	-0.1
JOU	Okura	1.10	280	Op	ISC	07 21 27.8	-0.2
JOU				S		07 21 40.9	-1.3
JFK	Kawauchi	1.23	229	Op	ISC	07 21 32.0	+0.4
JFK				S		07 21 44.9	-0.5
JOM	Ohasama	1.42	336	Op	ISC	07 21 32.5	+0.2
JOM				S		07 21 49.4	-0.5
JFT	Otama	1.50	244	Op	ISC	07 21 34.1	+0.7
JFT				S		07 21 51.2	-0.7
JYK	Kaneyama	1.51	300	Op	ISC	07 21 33.3	-0.2
JYK				eS		07 21 51.0	+1.1
JYS	Shirataka	1.56	272	Op	ISC	07 21 34.2	0.0
JYS				S		07 21 52.3	-1.0
JRG	Rokugo	1.64	318	Op	ISC	07 21 35.4	+0.2
JRG				S		07 21 55.0	-0.2
JYA	Atsumi	1.88	283	Op	ISC	07 21 40.9	+0.6
JFY	Yanaizu	2.01	248	Op	ISC	07 22 03.6	-0.6
JFY				eS		07 22 02.3	+2.0
MJAR	Matsushiro Arr	3.46	243	Op	ISC	07 22 01.5	+1.3
MJAR				eS		07 22 41.6	+1.6
MAT	Matsushiro	3.46	243	Op	ISC	07 22 26.4	0.0
MAT				eS		07 23 24.5	-2.5

IKP	comp=Z,63nm,1.1s In-Ko-Pah, Jac baz=235,SNR=19	76.57 47 P	P	07 52 04.5 +0.6
MYLM	Yosemite Lake	76.62 41 eP	P	07 52 00.7 -3.2
EDWZ	Edwards Air Fo baz=233,SNR=42	76.62 44 eP	P	07 52 04.5 +0.4
RCTC	Rector, Farmer baz=232	76.68 43 P	P	07 52 04.7 +0.4
JCC	Jacoby Creek comp=Z,180nm,1.6s	76.74 37 eP	P	07 52 04.9 +0.4
YULB	Yu-li comp=Z,53nm,0.4s	76.76 301 eP	P	07 52 04.2 -0.9
ISA	Isabella, Lake baz=232,SNR=26	76.78 44 P	P	07 52 05.6 +0.7
ISA	Isabella, Lake	76.78 44 eP	P	07 52 05.8 +0.8
ISA	Isabella, Lake comp=Z,31nm,1.0s	76.78 44 eP	P	07 52 05.8 +0.8
LEM	Lembang comp=Z,146nm,0.8s,baz=84,slow=4.4,SNR=12	76.81 268 P	P	07 52 05.0 -0.8
LEM	comp=Z,2um,19.4s,baz=104,slow=36	76.89 46 P	LR	08 26 31.9
PFO	Pinyon Flats O baz=234,SNR=22	76.89 46 P	P	07 52 06.2 +0.5
PFO	Pinyon Flats O	76.89 46 eP	P	07 52 05.7 0.0
PFO	comp=Z,53nm,1.4s	76.89 46 P	MLR	
PFO	comp=Z,1um,20.0s	76.89 46 eP	P	07 52 05.7 0.0
PFO	Piazon Flat	76.89 46 eP	P	07 52 05.7 0.0
SWSC	comp=Z,57nm,1.4s	76.95 47 P	P	07 52 06.7 +0.8
BBRC	Big Bear Solar baz=234	76.96 46 P	P	07 52 06.4 +0.1
CMB	Columbia Colle	77.05 41 eP	P	07 52 06.4 -0.1
CMB	comp=Z,20nm,1.0s	77.05 41 eP	P	07 52 06.3 -0.1
CMB	Columbia Colle comp=Z,20nm,1.0s	77.11 343 eP	P	07 52 06.1 -0.2
PET	Petropavlovsk	77.11 343 eP	P	07 52 05.9
PET	comp=Z,300nm,11.4s	77.11 343 eP	P	08 01 53.9 +0.6
PET	comp=Z,24nm,1.1s	77.11 343 eP	P	07 52 20.0 +1.4
PET	Petropavlovsk	77.11 343 PFAKE	LR	
KSM	comp=Z,2um,19.0s	77.18 276 eP	P	07 52 07.7 +0.1
KSM	comp=Z,81nm,0.9s	77.18 276 eP	P	07 52 07.7 +0.1
KSM	comp=Z,719nm,20.0s	77.18 44 P	P	07 52 07.6 +0.3
LRMC	Laurel Mtn Rad baz=233,SNR=20	77.23 302 eP	P	07 52 06.4 -1.3
SSLB	Suanglung comp=Z,51nm,0.8s	77.25 301 eP	P	07 52 06.5 -1.4
TPUB	Ta-pu comp=Z,135nm,1.0s	77.27 45 P	P	07 52 07.8 +0.1
RRX	Edison Barstow baz=234	77.28 40 eP	P	07 52 07.9 +0.2
AFDM	Forest Hills D comp=Z,20nm,1.1s	77.33 303 PFAKE	LR	
YHNB	Yeheng	77.33 303 PFAKE	LR	
YHNB	comp=Z,2um,20.0s	77.36 39 eP	P	07 52 08.3 +0.3
ORV	Oroville	77.36 39 eP	P	07 52 08.3 +0.3
ORV	comp=Z,17nm,1.2s	77.36 39 eP	P	07 52 08.3 +0.3
TATO	Taipei	77.39 303 PFAKE	LR	
TATO	comp=Z,2um,20.0s	77.42 38 eP	P	07 52 08.9 +0.5
WDC	Whiskeytown Da	77.42 38 eP	P	07 52 08.9 +0.5
WDC	comp=Z,54nm,1.5s	77.42 38 eP	P	07 52 08.9 +0.5
WDC	Whiskeytown Da comp=Z,54nm,1.5s	77.42 38 eP	P	07 52 08.9 +0.5
BELC	Belle Mtn, Jos baz=234,SNR=35	77.43 46 P	P	07 52 08.8 0.0
PEAOB	Petropavlovsk- comp=Z,9nm,1.0s	77.44 343 eP	P	07 52 08.1 -0.1
PETK	Petropavlovsk- comp=Z,40nm,0.9s,baz=106,slow=8.9,SNR=33	77.44 343 P	P	07 52 08.0 -0.2
PETK	comp=Z,1um,22.0s,baz=168,slow=30	77.44 343 P	P	08 18 59.9
PETK	Petropavlovsk- comp=Z,44nm,0.9s	77.44 343 P	P	07 52 08.0 -0.2
CWC	Cottonwood Cre baz=233	77.50 43 P	P	07 52 09.4 +0.3
N02D	Trinity Center baz=228,SNR=7.7	77.59 37 P	P	07 52 09.9 +0.5
BC3	Big Chuckawall baz=235,SNR=18	77.60 47 P	P	07 52 10.0 +0.4
MDPB	Devils Postpil comp=Z,34nm,0.9s	77.60 42 eP	P	07 52 10.4 +0.6
GSC	Goldstone, Bar baz=234,SNR=21	77.65 45 P	P	07 52 10.0 +0.1
GSC	Goldstone, Bar	77.65 45 eP	P	07 52 10.2 +0.3
GSC	comp=Z,39nm,1.3s	77.65 45 eP	P	07 52 10.2 +0.3
GSC	Goldstone, Bar comp=Z,39nm,1.3s	77.66 44 P	P	07 52 10.4 +0.3
MPMC	Manual Prospec baz=233,SNR=34	77.66 44 P	P	07 52 10.4 +0.3
003D	Paynes Creek baz=229,SNR=12	77.68 48 P	P	07 52 10.8 +0.5
GLA	Glamis baz=235,SNR=9.8	77.69 48 eP	P	07 52 11.7 +1.6
GLA	comp=Z,64nm,1.2s	77.69 48 eP	P	07 52 11.7 +1.6
GLA	Glamis comp=Z,64nm,1.2s	77.69 48 eP	P	07 52 11.7 +1.6
HEC	Hector,Ludlow baz=234,SNR=33	77.71 268 P	P	07 52 08.7 -2.0
DBJI	Dramaga comp=Z,178nm,1.0s	77.72 44 eP	P	07 52 10.9 +0.5
DAC	Darwin (Calif)	77.72 44 eP	P	07 52 10.9 +0.5
DAC	comp=Z,56nm,1.5s	77.72 44 eP	P	07 52 10.9 +0.5
DAC	Darwin (Calif) comp=Z,56nm,1.5s	77.72 44 eP	P	07 52 11.1 +0.5
MLAC	Mammoth, Mammo baz=232,SNR=15	77.77 331eP	P	07 52 10.8 +0.7
YSS	Yuzh-Sakhalins	77.77 331eP	S	08 02 03.8 +3.0
YSS	comp=Z,70nm,1.1s	77.77 331eP	P	08 02 42.3
YSS	comp=Z,30nm,1.3s	77.77 331eP	P	08 02 42.3
YSS	comp=Z,90nm,7.5s	77.77 331eP	P	08 02 42.3
YSS	comp=Z,2um,18.0s	77.77 331eP	P	08 02 42.3
YSS	Yuzh-Sakhalins comp=Z,87nm,0.9s	77.77 331eP	P	07 52 10.9 +0.7
YSS	comp=Z,1um,20.0s	77.78 43 P	P	07 52 11.4 +0.8
M02C	Callahan baz=228,SNR=7.1	77.78 37 P	P	07 52 11.3 +0.8
WAKR	Walker comp=Z,61nm,1.3s	77.93 41 eP	P	07 52 12.3 +0.8
YBH	Yreka Blue Hor comp=Z,3um,18.1s,baz=232,slow=33	78.09 37 LR	LR	08 22 43.8
YBH	Yreka Blue Hor	78.09 37 eP	P	07 52 13.1 +0.9
YBH	comp=Z,28nm,1.2s	78.09 37 eP	P	07 52 13.1 +0.9
YBH	Yreka Blue Hor comp=Z,28nm,1.2s	78.09 37 eP	P	07 52 13.1 +0.9
IRM	Iron Mountain baz=235,SNR=43	78.10 46 P	P	07 52 12.5 +0.2
GMRC	Granite Mounta baz=234,SNR=12	78.11 46 P	P	07 52 12.6 0.0
PNTR	Pine Nut comp=Z,63nm,1.2s	78.19 40 eP	P	07 52 13.3 +0.3

113A	Mohawk Valley, comp=Z,26nm,1.1s	78.26 48 eP	P	07 52 13.3 +0.1
HSIG	comp=Z,22nm,1.0s	78.28 53 eP	P	07 52 13.2 -0.3
Y12C	Blythe baz=235,SNR=15	78.29 47 P	P	07 52 13.8 +0.4
Y12C	Blythe comp=Z,44nm,1.2s	78.29 47 eP	P	07 52 13.9 +0.6
GRAC	Grapevine Rang baz=233,SNR=11	78.30 43 P	P	07 52 14.2 +0.8
FURC	Furnace Creek, baz=233,SNR=11	78.31 44 P	P	07 52 14.0 +0.6
TUQ	Turquoise Moun baz=234,SNR=11	78.31 45 P	P	07 52 13.9 +0.3
YERR	Yerington comp=Z,56nm,1.2s	78.35 41 eP	P	07 52 14.1 +0.3
SHOC	Shoshone, Teco baz=234,SNR=11	78.35 44 P	P	07 52 14.1 +0.4
214A	Organ Pipe Nat baz=237,SNR=15	78.49 49 P	P	07 52 14.9 +0.3
214A	Organ Pipe Nat comp=Z,209nm,1.4s	78.49 49 eP	P	07 52 14.6 0.0
HUMO	Hull Mountain comp=Z,36nm,1.4s	78.54 36 eP	P	07 52 14.9 +0.3
NV01	Mina Array Sit	78.58 41 eP	P	07 52 15.3 +0.1
NVAR	Mina Array Bea comp=Z,43nm,1.0s,baz=224,slow=8.0,SNR=71	78.58 41 P	P	07 52 15.4 +0.3
NVAR	comp=Z,3um,18.0s,baz=123,slow=32	78.58 41 P	LR	08 22 33.5
M04C	Macdoel baz=229,SNR=5.8	78.61 37 P	P	07 52 15.8 +0.7
LDFC	Landfair comp=Z,97nm,1.1s	78.65 46 eP	P	07 52 16.4 +0.9
NV11	Mina Array Sit	78.67 41 eP	P	07 52 15.9 +0.3
CGJI	Cibinong comp=Z,16nm,1.1s	78.68 267 P	P	07 52 11.5 -4.5
PAHR	Pah Rah Rang comp=Z,45nm,1.2s	78.71 40 eP	P	07 52 16.1 +0.4
NEE2	Needles Airpor	78.80 46 P	P	07 52 16.6 +0.5
PDMCI	Parker Dam,Lak baz=236,SNR=13	78.86 47 P	P	07 52 17.4 +0.9
TPNV	Topopah Spring baz=234,SNR=28	78.99 44 P	P	07 52 17.9 +0.6
TPNV	Topopah Spring comp=Z,49nm,1.1s	78.99 44 eP	P	07 52 17.6 +0.2
TPNV	comp=Z,49nm,1.1s	78.99 44 eP	P	07 52 17.6 +0.2
I03D	Drain, OR baz=228	79.06 35 P	P	07 52 18.3 +1.0
KVN	Kaisererville	79.08 41 eP	P	07 52 17.3 -0.6
KVN	comp=Z,31nm,1.2s	79.08 41 eP	P	07 52 17.3 -0.6
KVN	Kaisererville comp=Z,31nm,1.2s	79.08 41 eP	P	07 52 17.3 -0.6
K04D	Chiloquin, OR baz=229	79.21 36 P	P	07 52 18.9 +0.5
TJN	Tajon baz=227,SNR=11	79.27 315f P	P	07 52 21.3 +2.6
J04D	Umpqua Nationa baz=229	79.42 36 P	P	07 52 20.2 +0.5
SHPR	Sheep Range comp=Z,38nm,1.1s	79.44 45 eP	P	07 52 20.5 +0.7
Y14A	Wickenburg comp=Z,94nm,1.0s	79.44 48 eP	P	07 52 20.0 +0.2
W13A	Hualapai Mount comp=Z,26nm,1.3s	79.48 46 eP	P	07 52 20.3 +0.1
KSRS	Kyles Array comp=Z,24nm,1.1s,baz=132,slow=5.8,SNR=25	79.54 317 P	P	07 52 21.2 +1.1
KSRS	comp=Z,1um,19.9s,baz=124,slow=33	79.54 317 P	LR	08 24 02.1
KS15	Wonju Array Si baz=229,SNR=11	79.55 317 eP	P	07 52 22.1 +1.9
KSAR	Wonju Array Be	79.55 317 P	P	07 52 21.2 +1.0
KSAR	Wonju Array Be	79.55 317 P	P	07 52 21.2 +1.0
MOD	Modoc Plateau comp=Z,24nm,1.1s	79.56 38 eP	P	07 52 19.8 -0.6
KS01	Wonju Array Si baz=228	79.57 317 eP	P	07 52 20.9 +0.7
I04A	Tendick Farm, baz=228	79.63 35 P	P	07 52 20.9 +0.4
PMSA	Palmer Station comp=Z,1um,18.5s,baz=315,slow=32	79.64 156 LR	LR	08 22 44.5
OZH	Quanzhou	79.67 302 S	S	07 52 21.8 +0.7
OZH	comp=Z,60nm,0.7s	79.67 302 S	S	08 02 22.7 +0.6
OZH	comp=Z,770nm,3.2s	79.67 302 S	P	
OZH	comp=Z,910nm,17.5s	79.67 302 S	P	
OZH	comp=Z,950nm,20.4s	79.67 302 S	P	
K05A	Summer Lake comp=Z,2um,20.4s	79.76 37 eP	P	07 52 21.9 +0.4
J05D	Fort Rock, OR baz=229,SNR=20	79.93 36 P	P	07 52 22.8 +0.5
G03D	McMinnville, O baz=227	80.13 34 P	P	07 52 24.1 +1.0
TUC	Tucson baz=238	80.13 50 P	P	07 52 24.2 +0.6
TUC	Tucson	80.13 50 eP	P	07 52 24.3 +0.7
TUC	comp=Z,28nm,1.1s	80.13 50 eP	MLR	
TUC	comp=Z,4um,19.0s	80.13 50 eP	MLR	
TUC	comp=Z,28nm,1.1s	80.13 50 eP	P	07 52 24.3 +0.7
KDAK	Kodiak Island comp=Z,22nm,1.0s,baz=334,slow=20,SNR=3.9	80.13 11 P	P	07 52 22.4 -0.4
KDAK	Kodiak Island	80.13 11 P	LR	07 52 22.4 -0.4
KDAK	comp=Z,1um,20.0s	80.13 11 P	LR	
KASI	Kota Agung comp=Z,246nm,1.1s,comp=Z,3um	80.17 268 P	P	07 52 19.9 -4.2
R11A	Troy Canyon, C baz=229,SNR=19	80.24 43 P	P	07 52 24.6 +0.5
R11A	Troy Canyon, C comp=Z,26nm,1.3s	80.24 43 eP	P	07 52 24.0 -0.1
H04A	Detroit Lake comp=Z,26nm,1.1s	80.34 35 eP	P	07 52 24.4 0.0
INCN	Inchor comp=Z,123nm,1.3s	80.39 316 eP	P	07 52 25.6 +0.8
INCN	comp=Z,2um,20.0s	80.39 316 eP	LR	
BMN	Battle Mountai comp=Z,36nm,1.4s	80.46 40 eP	P	07 52 25.6 +0.3
BMN	Battle Mountai comp=Z,36nm,1.4s	80.46 40 eP	P	07 52 25.6 +0.3
I05D	Terradonne, OR baz=229	80.57 35 P	P	07 52 26.3 +0.7
VLA	Vladivostok	80.62 323f eP	P	07 52 26.5 +0.7
VLA	comp=Z,35nm,1.2s	80.62 323f eP	P	07 52 26.5 +0.7
SSE	Sheshan	80.71 308 P	P	07 52 27.1 +0.5
SSE	comp=Z,1um,17.0s	80.71 308 P	S	08 02 36.3 +3.6
SSE	comp=Z,16nm,0.8s	80.71 308 P	P	07 52 26.3 +0.7
SSE	comp=Z,320nm,10.3s	80.71 308 P	P	07 52 26.3 +0.7
SSE	comp=Z,330nm,16.9s	80.71 308 P	LR	
319A	Douglas comp=Z,37nm,1.0s	80.73 52 eP	P	07 52 26.0 -0.9
LWLI	Liwa comp=Z,158nm,0.9s,comp=Z,48um	80.75 268 P	P	07 52 25.7 -1.7
TYV	Tymovskoe comp=Z,27nm,1.1s	80.77 334 eP	P	07 52 24.5 -1.9
TYV	comp=Z,27nm,1.1s	80.77 334 eP	eS	08 02 30.0 -2.5
TYV	comp=Z,500nm,6.7s	80.77 334 eP	P	
TYV	comp=E,700nm,7.9s	80.77 334 eP	P	
X16A	Lo Mia Camp, comp=Z,31nm,1.2s	80.79 48 eP	P	07 52 27.3 +0.1
MDSI	Maura Dua comp=E,89nm,1.1s,comp=E,1um	80.82 269 P	P	07 52 25.1 -2.5
F04D	Raihner, OR baz=239	80.85 33 P	P	07 52 27.9 +0.9
WVOR	Wild Horse Val	80.86 38 eP	P	07 52 26.8 -0.5

WVOR	comp=Z,35nm,1.0s	80.86 38 eP	P	07 52 26.8 -0.5
WVOR	comp=Z,4um,19.0s	80.86 38 eP	P	07 52 26.8 -0.5
WVOR	comp=Z,35nm,1.0s	80.86 38 eP	P	07 52 26.8 -0.5
WVOR	comp=Z,4um,19.0s	80.86 38 eP	P	07 52 26.8 -0.5
LCMT	Little Creek M comp=Z,63nm,1.3s	80.99 45 eP	P	07 52 28.9 +0.7
G05D	Wamic, OR baz=229	81.17 35 eP	P	07 52 29.3 +0.5
CCUT	Cedar City comp=Z,23nm,1.7s	81.21 44 eP	P	07 52 29.6 +0.2
USRK	Ussuriysk Ar. comp=Z,6.0nm,0.8s,baz=116,slow=4.4,SNR=11	81.25 324 P	P	07 52 29.3 +0.2
USRK	comp=Z,2um,20.6s,baz=124,			

Table with columns for station ID, name, frequency, power, and various status codes (LR, P, Pmax, etc.). Includes stations like 435B Jarrell, COLD Coldfoot, SRAK Srakaw, etc.

Table with columns for station ID, name, frequency, power, and various status codes. Includes stations like HHC McClaskey Farm, UTHA Uthani, U35A Pawnee, etc.

Table with columns for station ID, name, frequency, power, and various status codes. Includes stations like CMAR Mercer Eighty, V38A Carehill, CHTO Chiang Mai, etc.

4d 7h

C31A	Landman Farms, baz=246	96.23	41	P	P	07 53 41.0 -0.3
T41A	Mountain View, baz=249	96.23	53	P	P	07 53 42.2 +0.6
R40A	Madison Statio, baz=249	96.30	52	P	P	07 53 39.8 -2.1
F33A	5 Mile Ranch, baz=247	96.36	43	P	P	07 53 41.5 -0.5
P39B	Sillicory, baz=249	96.39	50	P	P	07 53 42.5 +0.3
S41A	Jalisco Farms, baz=249	96.44	52	P	P	07 53 43.1 +0.5
I35A	Creekview Farm, baz=248	96.46	46	P	P	07 53 42.5 0.0
B31A	Greenbush Farm, baz=246	96.53	41	P	P	07 53 42.3 -0.4
G34A	Benson, baz=248	96.55	44	P	P	07 53 43.2 +0.4
Q40A	Laux Farm, Aux, baz=249	96.70	51	P	P	07 53 43.8 +0.1
FFC	Flin Flon	96.74	34	eP	pmx	07 53 43.0 -0.5
FFC	comp=Z,12nm,1.5s				MLR	
FFC	comp=Z,3um,19.0s	96.74	34	eP	P	07 53 43.0 -0.5
FFC	comp=Z,12nm,1.5s				LR	
M38A	Pleasantville, baz=249	96.77	48	P	P	07 53 42.7 -1.3
H35A	Sunnyside Ranc, baz=248	96.88	45	P	P	07 53 44.9 +0.6
P40A	Paris, baz=249	96.91	50	P	P	07 53 44.8 +0.2
SCIA	State Center	96.94	48	PFAKE	LR	07 54 00.0 +15
HOPE	Hope Point	96.95	156	PFAKE	LR	07 54 00.0 +15
BCIP	comp=Z,1um,19.0s	97.01	83	PFAKE	LR	07 54 00.0 +14
BCIP	Isia Barro Col				LR	
F34A	Alexandria, baz=248	97.01	44	P	Pdf	07 53 45.6 +0.6
D33A	AnnSam, Waubun, baz=248	97.15	42	P	P	07 53 43.1 -2.4
L38A	Oak Wood Farm, baz=249	97.20	48	P	Pdf	07 53 46.7 +0.7
B32A	Ashes, Strandq, baz=247	97.20	41	P	P	07 53 44.7 -1.0
G35A	Watkins, baz=248	97.30	44	P	Pdf	07 53 46.8 +0.5
Q41A	Truxton, baz=250	97.30	51	P	Pdf	07 53 46.6 +0.2
E34A	Wadena, baz=248	97.34	43	P	P	07 53 46.3 -0.1
H36A	Jessenland, He, baz=248	97.43	45	P	P	07 53 46.6 -0.3
C33A	Trail, baz=248	97.43	42	P	P	07 53 46.8 0.0
A32A	Rocking H Ranc, baz=249	97.43	40	P	P	07 53 46.7 0.0
F35A	Swanville, baz=248	97.48	44	P	Pdf	07 53 47.3 +0.2
I37A	Lemond, Waseca, baz=249	97.58	46	P	P	07 53 46.7 -0.8
AGMN	Agassiz Nation, baz=248	97.58	41	P	P	07 53 46.7 -0.7
AGMN	Agassiz Nation, comp=Z,23nm,1.3s	97.58	41	eP	P	07 53 46.5 -0.9
AGMN					LR	
P41A	Barry, Barry, baz=250	97.67	51	P	Pdf	07 53 48.7 +0.6
B33A	Robert and Kas, baz=248	97.74	41	P	P	07 53 48.1 0.0
G36A	St. Michael, baz=249	97.79	45	P	Pdf	07 53 49.2 +0.7
BRAL	Brewton	97.89	60	PFAKE	LR	07 54 00.0 +11
C34A	comp=Z,1um,20.0s	97.93	42	P	P	07 53 47.7 -1.3
A33A	Wardod, baz=248	98.11	41	P	P	07 53 48.8 -1.0
BOD	BODaibo	98.12	329	eP	pmx	07 53 43.8 -5.8
F36A	Milaca, baz=249	98.16	44	P	Pdf	07 53 50.4 +0.2
P42A	Winchester, baz=250	98.16	51	P	P	07 53 50.2 -0.1
D35A	Remer, baz=249	98.26	43	P	P	07 53 50.2 -0.3
I38A	Scanlan Farm, baz=250	98.31	46	P	Pdf	07 53 51.4 +0.6
ULM	Lac du Bonnet, comp=Z,5.7nm,1.1s,baz=232,slow=4.7,SNR=5.0	98.31	39	P	P	07 53 50.0 -0.7
ULM	Lac du Bonnet	98.31	39	P	P	08 35 22.3
ULM	Lac du Bonnet	98.31	39	P	pmx	07 53 50.0 -0.7
ULM	comp=Z,6.0nm,1.1s	98.31	39	eP	P	07 53 50.1 -0.5
ULM	Lac du Bonnet, comp=Z,19nm,1.4s				P	
SONA1	Songino Array	98.36	318	eP	P	07 53 50.9 -0.2
SONM	Songino Array, comp=Z,3.1nm,1.0s,baz=131,slow=4.1,SNR=7.7	98.36	318	eP	P	07 53 50.3 -0.8
SONM					PP	
SONM	comp=Z,2.2nm,0.9s,baz=124,slow=6.4,SNR=3.7				PP	07 57 49.4 -2.2
SONM	comp=Z,644nm,18.1s,baz=132,slow=36				LR	08 38 47.4
L40A	Anamosa, baz=250	98.38	48	P	Pdf	07 53 51.8 +0.6
B34A	Aery, Baudette, baz=249	98.40	41	P	P	07 53 50.5 -0.6
J39A	Decorah, baz=250	98.49	47	P	P	07 53 51.4 -0.2
LPZ	La Paz, comp=Z,2um,18.1s,baz=258,slow=3.1	98.50	111	LR	LR	08 31 17.7
C35A	Jirik Farms, M, baz=249	98.53	42	P	P	07 53 51.6 -0.2
E36A	McGregor, baz=249	98.57	44	P	P	07 53 51.9 0.0
F37A	Hinrichs Farm, baz=250	98.70	44	P	Pdf	07 53 53.4 +0.9
I39A	Houston, baz=250	98.79	47	P	Pdf	07 53 53.1 +0.1
D36A	Goodland, baz=249	98.86	43	P	Pdf	07 53 53.7 +0.4
B35A	Bob, Littlelor, baz=249	98.93	42	P	P	07 53 53.1 -0.4
G38A	Ridgeland, baz=250	99.02	45	P	Pdf	07 53 54.1 +0.1
J40A	Soldiers Grove, baz=250	99.17	47	P	Pdf	07 53 55.3 +0.6
H39A	Augusta, baz=250	99.23	46	P	Pdf	07 53 55.7 +0.6
HDIL	Hopedale	99.25	50	PFAKE	LR	07 54 10.0 +15
HDIL					LR	
F38A	Pierce - Schro, baz=250	99.27	44	P	Pdf	07 53 55.9 +0.8
C36A	Pine Crest Far, baz=250	99.27	42	P	Pdf	07 53 53.9 -1.1
D37A	Cotton, baz=250	99.33	43	P	Pdf	07 53 55.6 +0.3
JFWS	Jewell Farm	99.35	48	PFAKE	LR	07 54 10.0 +15
JFWS					LR	
H40A	Chili, baz=251	99.81	46	P	Pdf	07 53 57.9 +0.4
TIXI	Tiksi, comp=Z,1.6nm,0.3s,baz=148,slow=1.8,SNR=4.4	99.87	344	P	Pdf	07 53 56.7 -0.4
TIXI					PP	07 57 57.8 -4.6
TIXI	comp=Z,1.3nm,0.3s,baz=112,slow=8.7,SNR=3.2				PP	07 53 56.9 -0.2
TIXI	Tiksi	99.87	344	eP	pmx	
TIXI	comp=Z,5.0nm,1.0s				MLR	
TIXI	comp=Z,685nm,18.0s	99.87	344	eP	Pdf	07 53 57.4 +0.2
TIXI	comp=Z,7.8nm,0.8s				PP	
TIXI					PP	
TIXI	comp=Z,735nm,19.0s				LR	

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F39A	Loretta, baz=251	99.89	45	P	Pdf	07 53 58.5 +0.7
GTA	Gaotai	100.00	308	eP	Pdf	07 53 59.1 +0.4
GTA				pP	pP	07 54 03.8 -3.7
GTA				sP	sP	07 54 06.8 -3.9
GTA				PP	PP	07 58 03.6 -0.7
GTA				SKS	SKS	08 04 37.0 +1.2
GTA				SS	SS	08 05 29.9 -1.9
GTA				SS	SS	08 12 28.9 +3.1
GTA	comp=Z,3.0nm,1.1s				pmx	
GTA	comp=Z,240nm,6.2s				pmx	
GTA	comp=Z,470nm,18.3s				LR	
GTA	comp=Z,410nm,17.1s				LR	
GTA	comp=Z,550nm,17.3s				LR	
EYMN	Ely	100.19	43	PFAKE	LR	07 54 10.0 +11
EYMN					LR	
COWI	Conover	101.12	45	PFAKE	LR	07 54 10.0 +6.7
COWI					LR	
ZAK	Zakamensk	101.16	320	eP	Pdf	07 54 02.2 -1.3
ZAK					pmx	
TLY	Talaya, comp=Z,3.0nm,1.1s	101.36	321	eP	Pdf	07 54 04.0 -0.2
TLY				eS	SKS	08 04 44.2 +2.6
TLY					pmx	
TLY	comp=Z,5.0nm,1.5s				MLR	
TLY	comp=Z,553nm,20.0s	101.36	321	PFAKE	LR	07 54 20.0 +16
TLY					LR	
GOGA	Godfrey	101.47	59	PFAKE	LR	07 54 20.0 +15
GOGA					LR	
MTDJ	Mount Denham	102.04	75	PFAKE	LR	07 54 20.0 +12
MTDJ					LR	
ACSO	Alum Creek Sta	103.75	52	PFAKE	LR	07 54 30.0 +15
ACSO					LR	
AAM	Ann Arbor	103.81	50	PFAKE	LR	07 54 30.0 +15
AAM					LR	
LSA	Lhasa	104.01	297	PFAKE	LR	07 54 30.0 +13
LSA					LR	
NHSC	New Hope	104.03	60	PFAKE	LR	07 54 30.0 +13
NHSC					LR	
BLA	Blacksburg	104.91	56	PFAKE	LR	07 54 30.0 +10
BLA					LR	
SDV	Santo Domingo	105.50	86	PFAKE	LR	07 58 50.0
SDV					LR	
SAML	Samuel	105.92	106	PFAKE	LR	07 58 50.0
SAML					LR	
CNCC	Cliffs of the	106.41	58	PFAKE	LR	07 58 50.0
CNCC					LR	
CBN	Corbin Frederi	107.49	55	PFAKE	LR	07 58 50.0
CBN					LR	
SDDR	Presa de Saban	107.93	76	PFAKE	LR	07 58 50.0
SDDR					LR	
GRTK	Grand Turk	108.75	73	PFAKE	LR	07 58 50.0
GRTK					LR	
BINY	Binghamton	109.34	51	PFAKE	LR	07 59 00.0
BINY					LR	
LONY	Lake Ozonia	110.75	49	PFAKE	LR	07 59 00.0
LONY					LR	
SPB	Sao Paulo	111.84	127	PFAKE	LR	07 59 00.0
SPB					LR	
ZALV	Zalesovo Beam	112.97	321	PKIP	PKIP	07 58 48.9 -1.1
ZALV				PP	PP	07 59 32.9 -6.3
ZALV	comp=Z,2.1nm,0.7s,baz=154,slow=1.6,SNR=8.8				PP	07 59 32.9 -6.3
MKAR	Makanchi Array	114.04	313	Pdf	Pdf	07 55 02.2 +1.5
MKAR					PKP	
MKAR	comp=Z,0.7nm,0.9s,baz=90,slow=1.4,SNR=5.5				PKP	07 58 51.6 -0.7
MKAR	comp=Z,4.7nm,0.9s,baz=77,slow=2.7,SNR=21				PP	07 59 52.3 +5.2
MKAR	comp=Z,6.1nm,1.2s,baz=87,slow=5.1,SNR=5.0				PKP	08 09 35.8 +1.1
MKAR	comp=Z,1.5nm,1.0s,baz=268,slow=3.6,SNR=6.2				PKP	07 59 10.0 +17
PKME	Peaks-Kenny Pk	114.56	49	PFAKE	LR	07 59 10.0 +17
PKME					LR	
GRGR	Greenville	114.89	86	PFAKE	LR	07 59 10.0 +15
GRGR					LR	
FDF	Fort de France	116.10	83	PFAKE	LR	07 59 10.0 +13
FDF					LR	
ANWB	Willby Bob	116.28	80	PFAKE	LR	07 59 10.0 +13
ANWB					LR	
KURK	Kurchatov	116.66	317	PKIP	PKP	07 58 56.2 -0.9
KURK				PKP	PKP	07 58 56.1 -1.1
KURK				PP	PP	08 00 09.5 +4.3
KURK				PKP	PKP	08 09 28.6 +1.3
KURK				PKP	PKP	07 58 56.6 -0.7
KURBB	Kurchatov Arra	116.71	317	PKP	PKP	08 00 09.5 +3.9
KURBB				PP	PP	08 00 09.5 +3.9
KURBB	comp=					

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Tokmak 2, Akbulak array, Zalesovo Infra, Zalesovo Beam, Kurchatov Arra, Makanchi Array, MKAR.

OTT 04 09:17:02.6:0.2,46:84N:76:56W,h16km,MN3.6/23, 1C-2D,68km northwest from Maniwaki, Qc Western Quebec Seismic Zone, Southern Quebec

Main table of seismic stations in the Ottawa region, including Grand Remous, Chalk River, Val Des Bois, Pembroke, Glen Almond, Val d'Or, Mont Tremblant, Orleans, Herit, Ottawa, Belleterre, Orleans, Innes, Eldee, Williamsburg, Bancroft, Lebel-sur-Quev, Buck Lake, Deloro Mine, Montreal, Queb, Saint Jean, Kingston, Lake Ozonia, La Tuque, Kirkland Lake, Sadowa, Flat Rock, Killbear Provi, Matagami, Newcomb, St. Marys Ceme, Mont Orford.

Table of seismic stations in the Quebec region, including Chibougamau, Quebec, Boischatel, Dolbeau-Mistas, Toronto-Lesli, Lac Daran, Tobermory, Bru, Meriville Lake, Acton, Saint Catharin, Lisbon, Walkerton, Misere, Bruce Peninsula, La Malbaie, Tyneside, Nemaska Statio, Peaks-Kenny Pk, Baie Comeau, Ashton Mining, Grosses Roches, Pelee Island, East Machias, Pointe Anglais, Pukaskwa Natio, Saint George, Blarhurst New B, Clarke City, Geradidon, Vero Mine, Caledonia Moun, Kuujuaqrapik, Natag, Schefferville.

IDC 04 09:22:17.5:7.7,27:90S:178:19W,h0km,mb3.3/2, mb1 3.6/2,mb1mx3.4/36,mbtmp3.3/2, Error ellipse: s-maj=423.7km s-min=105.7km az=163.0, Kermadec Islands region

Table of seismic stations for the Kermadec Islands region, including Alice Springs, Warramunga Arr, Fines.

IDC 04 09:36:28.0:2.8,54:16N:87:23E,h0km,mb1 3.1/2, mb1mx2.9/65,mbtmp3.1/2,ML2.6/2, Error ellipse: s-maj=25.5km s-min=17.5km az=58.0, Southwestern Siberia

Main table of seismic stations in the NNC 04-1D region, including Zalesovo Infra, Zalesovo Beam, Kurchatov Arra, Makanchi Array, MKAR, Sufi-Kurgan, Karatay Array, Ala-Archa.

Table with columns: AAK, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes station 1.6nm,0.5s.

ISCJB 04 09:44:59.7:0.4,24:14N:0:03:122:28E:0:02, h23km,7km, Error ellipse: s-maj=4.7km s-min=3.4km az=155.0

TAP 04 09:44:59.2:24:15N:122:25E,h21km,ML2.9,C JMA 04 09:44:59.1:0.1,24:07N:122:27E,h30km,3km,ML2.2 ISO 04 09:44:58.3:1.1,24:16N:0:03:122:30E:0:02,h139m,9km, n35,+055/66,Taiwan region

Main table of seismic stations in the Taiwan region, including Eosi, ENAH, NANO, ENA, TWC, NACB, TWD, JYNG, ENLB, YOJ, YOJ, TWE, NTC, ENT, ENT, NNSB, NNSB, NNS, TWB1, TWB1, TIPB, WHF, WHF, YHNB, YHNB, NSK, NSK, NWF, NWF, WFSB, WFSB, TWT, CHGB, CHGB, HGSD, HGSD, TDCB, TWA, TWA, YM07, YM07, YM07, IRIF, HATJ, HATJ, KURO, KURO, JISG, JISG, TARA, TARA.

MEX 04 10:11:37.6:0.4,14:88N:93:20W,h81km,15km,MD3.5, Near coast of Chiapas

Table of seismic stations in the Mexico region, including PCIG, CCIG, TGIG, TGIG.

NEIC 04 10:12:55.0:0.0,38:55S:74:43W,h35km,mb4.2/2, ML4.2(GUC),After GUC

ISCJB 04 10:13:00.4:0.8,38:10S:0:04:74:01W:0:09,h18km, mb4.0/9,MS3.4/3, Error ellipse: s-maj=10.7km s-min=5.4km az=173.1

GUC 04 10:13:01.9:0.5,38:16S:74:00W,h38km,3km,ML4.2 IDC 04 10:13:14.3:2.8,38:19S:72:74W,h81km,23km,mb3.8/9, mb1 3.9/11,mb1mx3.7/38,mbtmp4.0/11,MS3.4/5, Ms1 3.3/5,ms1mx3.1/33, Error ellipse: s-maj=35.5km s-min=17.4km az=75.0

ISC 04 10:13:02.7:0.9,38:12S:0:05:73:95W:0:08,h18km,n43, c1862/46,mb4.1/9,MS3.6/3,1C-1D,Near coast of central Chile

Table of seismic stations in the Chile region, including TMU, TMU, TMU.

4d 11h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like VVCH, CCHI, COCH, CANA, LNCH, PLCA, etc.

DJA 04 10:13:38.6-0.7, 6'S, 140°10'E, h12km, 5km, M3.5/8, ML3.5/8, Sunda Strait

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

IDC 04 10:15:35.4-1.9, 17.92S, 167.55E, h0km, mb3.9/4, mb1 4.1/5, mb1mx3.7/50, mbmt3.9/5, ML3.2/1, Error ellipse: s-maj=45.1km s-min=28.4km az=123.0, Vanuatu Islands

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

NIED 04 10:21:00, 36°30'N, 140°10'E, h74km, Mw4.0, Best double couple: M=1.30000e+10, NP1=1.26.00000, 820.00000, lambda=22.00000, NP2=237.00000, 883.00000, lambda=109.00000

ISCJB 04 10:21:40.1-0.4, 36°19'N, 03°140'20'E, 0.05, h76km, 3km, mb4.0/28, Error ellipse: s-maj=6.3km s-min=4.5km az=16.3

NEIC 04 10:21:41.2-0.9, 36°15'N, 140°25'E, h72km, 3km, mb4.2/2, Error ellipse: s-maj=11.1km s-min=8.2km az=83.0

JMA 04 10:21:42.1-0.1, 36°25'N, 140°11'E, h65km, 1km, M3.9, Broadband fault plane solution: P waves: NP1: lambda=228.00000, 889.00000, lambda=82.00000, NP2: lambda=322.00000, 88.00000, lambda=176.00000, Principal axes: T P1g44.0000, Azm311.0000, N P1g8.0000, Azm48.0000, Azm146.0000

JMA Felt II, 1, 1, 1, 36°13'N, 140°10'E, h83km, 10km, mb3.8/24, IDC 04 10:21:42.7-1.1, 36°13'N, 140°10'E, h83km, 10km, mb3.8/24, Mb1 4.1/5, mb1mx3.8/74, mbmt3.4/28, MS3.0/1, Ms1 3.0/1, ms1mx2.5/57, Error ellipse: s-maj=14.2km s-min=7.2km az=64.0

ISC 04 10:21:41.2-0.7, 36°16'N, 04°140'20'E, 0.05, h71km, 6km, n57, c1542/68, mb4.1/28, 1-C, 6D, Near east coast of eastern Honshu

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

2012 FEB

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like JAG, JAG, JAG, etc.

IDC 04 10:22:24.1-1.8, 17.69S, 166.84E, h0km, mb3.9/4, mb1 4.1/5, mb1mx3.8/47, mbmt3.9/5, ML4.1/1, Error ellipse: s-maj=42.8km s-min=28.1km az=114.0, Vanuatu Islands

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

IDC 04 10:36:14.7-1.8, 17.69S, 167.29E, h0km, mb4.0/6, mb1 4.3/7, mb1mx4.0/42, mbmt3.4/77, ML4.1/1, Error ellipse: s-maj=11.8km s-min=7.4km az=116.0

ISCJB 04 10:36:16.2-1.5, 17°70'S, 0167°2E, 0.2, h19km, mb4.0/5, Error ellipse: s-maj=28.5km s-min=11.8km az=176.5

ISC 04 10:36:17.1-1.6, 17.7S, 0167.3E, 0.2, h19km, n7, c132/8, mb4.1/5, Vanuatu Islands

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

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

IDC 04 10:40:48.8-5.7, 20°40'S, 178.88W, h598km, 60km, mb2.7/5, mb1 3.1/5, mb1mx2.9/40, mbmt3.7/5, Error ellipse: s-maj=120.6km s-min=24.2km az=153.0, Fiji Islands region

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

IDC 04 10:58:43.4-1.1, 17°87'S, 167°23'E, h0km, mb4.1/7, mb1 4.3/9, mb1mx4.1/42, mbmt3.4/77, ML4.1/1, Error ellipse: s-maj=34.6km s-min=20.3km az=132.0

ISCJB 04 10:58:45.3-0.9, 17°89'S, 0167°1E, 0.1, h20km, mb4.0/7, MS3.6/9, Error ellipse: s-maj=20.7km s-min=11.8km az=8.9

ISC 04 10:58:46.0-0.9, 17.93S, 0167.2E, 0.2, h20km, n22, c135/15, mb4.0/7, MS3.8/9, Vanuatu Islands

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

ISCJB 04 11:06:42.7-0.4, 13°19'N, 04°89'35W, 0.03, h78km, 1km, mb4.3/31, Error ellipse: s-maj=7.5km s-min=3.0km az=35.4

UCR 04 11:06:43.3-1.3, 13°14'N, 89°39W, h58km, 8km, ML4.2, SSS 04 11:06:43.1, 13°13'N, 89°41W, h57km, ML4.4, MW3.8, INET 04 11:06:44.2, 13°19'N, 89°36W, h49km, ML4.2

IDC 04 11:06:44.6-1.7, 13°39'N, 89°08W, h11km, 15km, mb3.7/11, mb1 4.0/14, mb1mx3.8/46, mbmt3.4/77, ML4.1/1, MS3.4/7, Ms1 3.4/7, ms1mx2.9/51, Error ellipse: s-maj=27.6km s-min=10.5km az=91.0

NEIC 04 11:06:45.0-0.7, 13°25'N, 89°26W, h82km, 10km, mb4.4/26, MD4.4(SNET), Error ellipse: s-maj=19.3km s-min=6.0km az=215.0

NEIC Felt III at San Salvador, ISC 04 11:06:43.4-0.6, 13°19'N, 07°89'36W, 0.05, h69km, 6km, n275, c1801/298, mb4.4/31, 9D, El Salvador

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

TECA	Tecapa	0.89	70	iP	Pn	11 07 00.4	-0.2
PACA	Pacayal	1.04	74	eS	Pn	11 07 03.6	+1.1
LLGN	La Laguna	1.05	22	eS	Pn	11 07 18.5	+1.8
LCGN	Lacyzo	1.06	77	eP	Sn	11 07 18.9	+2.0
YSM	San Miguel	1.08	77	iP	Pn	11 07 23.2	+0.5
MT03	Montecristo	1.20	360	iP	Pn	11 07 05.0	+0.3
CAHU	Cacacuatiague	1.25	62	iP	Sn	11 07 21.4	+0.8
CAHU				eS	Pn	11 07 05.8	+0.4
CAHU				eS	AML	11 07 22.9	+1.2
LCND	La Ca-ada	1.43	85	iP	Pn	11 07 08.2	+0.8
IXG	Ixpaco	1.45	313	iP	Pn	11 07 26.7	+1.1
CNCH	Conchagua	1.46	96	eP	Pn	11 07 07.7	+0.2
CNCH				eS	AML	11 07 08.6	+0.6
CRIN	San Cristobal	2.30	102	eP	Pn	11 07 30.9	+1.2
TELN	Telica	2.53	103	eP	Pn	11 07 22.5	+0.3
CNGN	Cerro Negro	2.68	104	eP	Pn	11 07 24.3	0.0
CNGN				eS	Pn	11 07 55.4	-0.3
CNGN				AML	AML	11 07 59.3	
MOMN	Momotoombo	2.85	105	eP	Pn	11 07 26.6	0.0
MOMN				AML	AML	11 08 01.8	
COPN	Copaltepe	2.88	110	eP	Pn	11 07 27.2	+0.2
ESTN	Estel	2.91	91	eP	Pn	11 07 28.1	+0.6
ESTN				AML	AML	11 08 05.6	
XAVN	Gruta Xavier	3.13	109	eP	Pn	11 07 31.1	+0.7
TISN	Laguna Tiscapa	3.19	109	eP	Pn	11 07 31.4	+0.2
MGAN	Managua	3.21	108	eP	Pn	11 07 32.2	+0.8
MGAN				AML	AML	11 08 08.6	
MATN	Matagalpa	3.35	94	eP	Pn	11 07 33.6	+0.1
CCIG	Comitan	4.09	319	ePn	Pn	11 07 46.1	+2.5
CCIG				eS	Pn	11 08 30.4	+0.1
ACON	Acoyapa	4.26	106	eP	Pn	11 07 45.7	-0.1
PCIG	PCIG	4.50	304	eP	Pn	11 07 50.5	+1.5
PCIG				eS	Pn	11 08 39.9	-0.3
ESPN	Las Esperanzas	5.03	101	eP	Pn	11 07 57.0	+0.7
JTS	JuntasAbangare	5.18	123	eP	Pn	11 07 60.0	+1.5
JTS				S	Sn	11 08 55.9	-1.1
JTS				S	Sn	11 07 60.0	+1.5
JTS				eS	Pn	11 08 58.1	+1.1
CMIG	Matias Romero	6.60	307	eP	Pn	11 08 18.9	+1.1
CMIG				S	S	11 09 33.5	+1.9
TLIG	Tlapa	8.89	297	ePn	Pn	11 08 05.8	+2.9
BCIP	Isla Barro Col	10.16	112	ePn	Pn	11 07 17.7	+1.3
LNIG	Linares	15.06	322	ePn	Pn	11 10 17.6	+1.6
LNIG				eS	Pn	11 12 55.3	-2.8
PRAC	Prado	17.12	122	ePn	Pn	11 10 39.8	+1.5
342A	Flagon Creek P	18.31	352	P	P	11 10 52.5	+0.7
341A	Kurthwood	18.40	350	P	P	11 10 54.1	+1.2
244A	Avery, Jackson	18.81	356	P	P	11 10 58.1	+0.8
SDV	Santo Domingo	18.86	101	P	P	11 10 57.9	-0.4
SDV				LR	LR	11 18 27.6	
SDV				P	P	11 10 58.0	-0.4
148A	Grensboro	19.44	5	P	P	11 11 06.5	+2.3
149A	Jones	19.46	7	P	P	11 11 06.3	+1.8
150A	Eclectic	19.57	8	P	P	11 11 07.3	+1.6
151A	Opelika	19.60	10	P	P	11 11 07.5	+1.5
JCT	Junction City	19.73	332	P	P	11 11 08.8	+1.3
JCT				eP	P	11 11 08.4	+0.9
LRAL	Lakeview Retre	19.87	6	P	P	11 11 09.4	+0.4
Z47A	Carrollton	19.95	3	P	P	11 11 11.3	+1.4
Z49A	Columbiana	20.08	7	P	P	11 11 12.8	+1.5
Z42A	Norrel Spur, H	20.13	354	P	P	11 11 12.4	+0.6
Y45A	Yeager Farm, C	20.59	360	P	P	11 11 17.3	+0.6
Y46A	Houston	20.61	1	P	P	11 11 18.6	+1.6
Y47A	UCPARC, Winfie	20.67	4	P	P	11 11 18.5	+0.9
Y48A	Jasper	20.73	5	P	P	11 11 18.8	+0.6
Y49A	Blount Mountai	20.75	7	P	P	11 11 19.3	+0.7
CCAR	Cane Creek	20.75	354	eP	P	11 11 18.0	-0.5
Y41A	Eglette Beard	20.81	352	P	P	11 11 19.8	+0.7
GOGA	Godfrey	20.84	14	P	P	11 11 19.6	+0.2
TXAR	Lajitas Array	20.84	323	P	P	11 11 21.9	+2.2
TXAR				PcP	PcP	11 15 26.8	+0.9
TX31	Lajitas Ar. Si	20.85	323	eP	P	11 11 21.6	+2.0
Y50A	Piedmont	20.87	8	P	P	11 11 20.1	+0.3
Y40A	Okolona	21.04	351	P	P	11 11 23.1	+1.6
X45A	UM Field Stati	21.14	360	P	P	11 11 23.5	+0.8
OXF	Oxford	21.23	360	P	P	11 11 24.4	+0.8
X48A	Hartselle	21.27	5	P	P	11 11 24.1	0.0
X47A	Russellville	21.28	3	P	P	11 11 24.7	+0.6
X46A	Booneville	21.29	2	P	P	11 11 25.2	+1.0
X49A	Woodville	21.41	7	P	P	11 11 25.8	+0.3
X50A	Fort Payne	21.44	8	P	P	11 11 26.3	+0.4
ABTX	Ablene, Hawle	21.52	336	P	P	11 11 27.8	+1.1
ABTX	Ablene, Hawle	21.52	336	eP	P	11 11 28.4	+1.7
MIAR	Mount Ida	21.61	351	P	P	11 11 30.2	+2.6
MIAR	Mount Ida	21.61	351	eP	P	11 11 29.3	+1.7
HODGE	Hodges	21.92	16	eP	P	11 11 32.6	+1.6
W48A	Pulaski	21.96	5	P	P	11 11 31.6	+0.1
X37A	Clayton	21.99	347	P	P	11 11 32.5	+0.7
W47A	Westpoint	22.02	4	P	P	11 11 32.6	+0.5
W41B	Gary Mavity, V	22.05	354	P	P	11 11 33.0	+0.6
W40A	Ferguson Farm,	22.16	352	P	P	11 11 34.6	+1.0
WHAR	Woolly Hollow	22.16	354	eP	P	11 11 35.1	+1.5
W39A	Magazine	22.27	350	P	P	11 11 36.7	+1.9
W38A	Poteau	22.28	349	P	P	11 11 36.0	+1.1
W37B	Quinton	22.54	347	P	P	11 11 38.6	+0.9
W37B	Quinton	22.54	347	eP	P	11 11 39.1	+1.4
W48A	Smith Brothers	22.57	5	P	P	11 11 38.7	+0.7
LPIG	La Paz	22.59	302	LR	LR	11 20 48.4	

V42A	Cord	22.59	356	P	P	11 11 38.5	+0.3
V41A	Nunnely	22.60	4	P	P	11 11 38.1	-0.2
V47A	Mountainview	22.64	354	P	P	11 11 39.6	+0.9
V40A	Witts Springs	22.73	353	P	P	11 11 40.5	+0.7
V39A	Pettigrew	22.88	351	P	P	11 11 41.6	+0.3
WVT	Waverly	22.89	3	P	P	11 11 40.7	-0.6
TKL	Tuckaleechee C	22.93	12	P	P	11 11 40.7	-1.0
TKL				LR	LR	11 20 55.2	
KMCS	Kings Mountain	23.03	17	P	P	11 11 42.9	+0.2
V38A	Canehill	23.03	349	P	P	11 11 43.4	+0.7
U44B	Burton Farm, H	23.05	0	P	P	11 11 43.0	+0.1
U45A	Rockin P Farm,	23.07	1	P	P	11 11 43.3	+0.2
U46A	Springville	23.10	2	P	P	11 11 43.6	+0.3
U42A	Reviden	23.13	356	P	P	11 11 44.2	+0.5
U41A	Viola	23.17	355	P	P	11 11 45.3	+1.2
V37A	Hulbert	23.19	348	P	P	11 11 44.4	+0.2
U40A	Yellville	23.28	353	P	P	11 11 45.2	+0.1
U48A	Cassie Pea, Po	23.36	6	P	P	11 11 45.8	0.0
U39A	Green Forest	23.39	352	P	P	11 11 46.7	+0.6
V35A	Meyer Ranch, C	23.47	345	P	P	11 11 46.8	-0.1
PBMO	Poplar Bluff	23.51	358	eP	P	11 11 47.6	+0.4
MNTX	Cornudas Mount	23.58	324	P	P	11 11 49.3	+1.3
U37A	Salina	23.69	348	P	P	11 11 48.8	0.0
T47A	Sharon Grove	23.79	4	P	P	11 11 49.6	-0.1
T42A	Van Buren	23.79	357	P	P	11 11 50.3	+0.5
T43A	Greenville	23.81	358	P	P	11 11 50.0	+0.1
T41A	Mountain View	23.85	355	P	P	11 11 50.2	-0.1
T39A	Cleaver	24.01	352	P	P	11 11 52.1	+0.4
MSTX	Muleshoe	24.02	332	eP	P	11 11 51.8	-0.2
MSTX	Muleshoe	24.02	332	eP	P	11 11 51.9	0.0
U35A	Pawnee	24.02	345	P	P	11 11 52.0	+0.2
T40A	Mansfield	24.03	354	P	P	11 11 52.3	+0.4
T38A	Diamond	24.16	350	P	P	11 11 53.0	0.0
S43A	Fulton Ridge,	24.29	359	P	P	11 11 54.0	-0.3
AMTX	Amarillo	24.31	335	P	P	11 11 55.3	+0.7
T37A	Cheyeville 18	24.35	349	P	P	11 11 55.1	+0.3
S41A	Jillico Farms,	24.39	355	P	P	11 11 55.1	-0.1
S44A	Carbondale	24.41	0	P	P	11 11 55.6	+0.4
S40A	Lebanon	24.47	354	P	P	11 11 56.0	+0.1
T36A	Boggs Farm, Ca	24.48	347	P	P	11 11 55.9	-0.1
S42A	Caledonia	24.52	357	P	P	11 11 55.8	-0.5
S39A	Bolivar	24.66	352	P	P	11 11 57.4	-0.2
S38A	Stockton	24.68	351	P	P	11 11 57.8	0.0
T34A	McClaskey Farm	24.75	345	P	P	11 11 58.6	+0.1
CCM	Cathedral Cave	24.82	356	P	P	11 11 58.8	-0.3
CCM	Cathedral Cave	24.82	356	eP	P	11 11 59.0	-0.1
R43A	Red Bud	24.99	359	P	P	11 12 00.8	+0.2
R42A	Luebbinger	25.02	357	P	P	11 12 00.6	-0.3
S36A	Lake Cedric, C	25.06	348	P	P	11 12 01.1	-0.1
R41A	Rosebud	25.07	356	P	P	11 12 01.4	0.0
WCI	Wyandotte Cave	25.09	6	P	P	11 12 01.0	-0.5
WCI	Wydotte Cave	25.09	6	eP	P	11 12 00.9	-0.5
R40A	Maddies Store	25.14	355	P	P	11 12 02.0	+0.1
S35A	Ottis Creek Ra	25.17	347	P	P	11 12 02.7	+0.4
R38A	Fenwick Farm,	25.22	352	P	P	11 12 02.6	-0.1
R39A	Chumby, Stover	25.24	353	P	P	11 12 02.7	-0.2
Q41A	Truxton	25.72	357	P	P	11 12 07.8	+0.6
Q38A	Cooks Store, C	25.95	352	P	P	11 12 09.3	0.0
Y22D	IRIS PASCAL I	26.21	325	P	P	11 12 12.3	+0.3
Y22E	IRIS PASCAL I	26.21	325	P	P	11 12 12.0	+0.1
P40B	Paris	26.35	355	P	P	11 12 12.6	-0.2
P39B	Salisbury	26.37	354	P	P	11 12 13.4	+0.4
P38A	Dawn	26.59	353	P	P	11 12 15.1	0.0
KSU1	Kansas State U	26.60	347	P	P	11 12 15.4	+0.3
P37A	Luthop	26.66	351	P	P	11 12 15.2	-0.5
P35A	Dane Minner,	26.89	349	P	P	11 12 17.8	0.0
P34A	Walnut Farm, R	27.07	347	P	P	11 12 20.0	+0.5
T25A	Trinidad	27.39	333	P	P	11 12 23.8	+1.3
L41A	Preston	28.80	358	P	P	11 12 34.4	-0.4
L40A	Anamosa	28.81	357	P	P	11 12 34.8	-0.2
L39A	Vinton	28.92	356	P	P	11 12 35.2	-0.7
S22A	JUR Ranch, Cre	29.00	331	P	P	11 12 37.8	+0.8
L38A	Oak Wood Farm,	29.02	354	P	P	11 12 36.2	-0.5
K39A	Delview	29.49	356	P	P	11 12 40.5	-0.4
K38A	Parkersburg	29.50	355	P	P	11 12 41.3	+0.3
JFWS	Jewell Farm	29.63	359	P	P	11 12 42.3	+0.2
K34A	Le Mars	29.97					

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like COCH, CCHI, CANA, G005, PLCA, etc.

ISK 04 12:30:43.8, 38:59N, 30:19E, h15km, ML2.5/7
CSEM 04 12:30:44.5, 0.2, 38:60N, 30:24E, h13km, 1km, ML2.5,
Error ellipse: s-maj=4.1km s-min=2.9km az=14.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SHUT, BOLV, KHAL, BAGO, GEDZ, ISP, etc.

ISCJB 04 12:33:00.4, 0.6, 41:08N, 0:03, 34:57E, 0:04, h5km, 7km,
Error ellipse: s-maj=5.5km s-min=4.5km az=43.2
CSEM 04 12:33:00.5, 0.2, 41:06N, 34:58E, h8km, ML2.6, Error
ellipse: s-maj=3.9km s-min=3.3km az=19.0

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

IDC 04 12:38:29.2, 99.0, 47.97N, 49.97E, h0km, Error ellipse:
s-maj=4634.0km s-min=126.1km az=62.0, Western
Kazakhstan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like 833A, KVTX, 435B, etc.

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

ISCJB 04 12:50:17.6, 0.8, 20:3S, 0:1, 66:5E, 0:1, h10km, mb3.9/14,
MS3.2/1, Error ellipse: s-maj=21.0km s-min=13.9km
n22, c=60/36, Turkey

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

MAN 04 13:09:20, 12:10N, 126:16E, h19km, mb0.0, MLO.0, MSS.9
BUJ 04 13:09:20.9, 11:93N, 125:85E, h10km, mb5.4/79, mb5.7/78,
MS5.9/93, Ms7.5/84
GCMT 04 13:09:23.2, 0.1, 12:05N, 125:91E, h18km, MW5.8/135,
Moment Tensor Solution. s127,c235; s135,c360;

MAN 04 13:09:20, 12:10N, 126:16E, h19km, mb0.0, MLO.0, MSS.9
BUJ 04 13:09:20.9, 11:93N, 125:85E, h10km, mb5.4/79, mb5.7/78,
MS5.9/93, Ms7.5/84
GCMT 04 13:09:23.2, 0.1, 12:05N, 125:91E, h18km, MW5.8/135,
Moment Tensor Solution. s127,c235; s135,c360;

NEIC Fell [IV PIVS] at Gamay and [III PIVS] at Borongan,
Cbatlogan, General MacArthur, Lorente, Oras, Salcedo
and San Policarpo. Also felt at Cataman and San
Joaquin. Fell [III PIVS] at Palo, Tacloban, Tanauan and
Tolosa, Leyte; [III PIVS] at Catingan, Masbate; and [II
PIVS] at Cebu City, Cebu. Also felt at Bacolod, Negros.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like 833A, KVTX, 435B, etc.

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

ISCJB 04 12:50:17.6, 0.8, 20:3S, 0:1, 66:5E, 0:1, h10km, mb3.9/14,
MS3.2/1, Error ellipse: s-maj=21.0km s-min=13.9km
n22, c=60/36, Turkey

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

MAN 04 13:09:20, 12:10N, 126:16E, h19km, mb0.0, MLO.0, MSS.9
BUJ 04 13:09:20.9, 11:93N, 125:85E, h10km, mb5.4/79, mb5.7/78,
MS5.9/93, Ms7.5/84
GCMT 04 13:09:23.2, 0.1, 12:05N, 125:91E, h18km, MW5.8/135,
Moment Tensor Solution. s127,c235; s135,c360;

MAN 04 13:09:20, 12:10N, 126:16E, h19km, mb0.0, MLO.0, MSS.9
BUJ 04 13:09:20.9, 11:93N, 125:85E, h10km, mb5.4/79, mb5.7/78,
MS5.9/93, Ms7.5/84
GCMT 04 13:09:23.2, 0.1, 12:05N, 125:91E, h18km, MW5.8/135,
Moment Tensor Solution. s127,c235; s135,c360;

NEIC Fell [IV PIVS] at Gamay and [III PIVS] at Borongan,
Cbatlogan, General MacArthur, Lorente, Oras, Salcedo
and San Policarpo. Also felt at Cataman and San
Joaquin. Fell [III PIVS] at Palo, Tacloban, Tanauan and
Tolosa, Leyte; [III PIVS] at Catingan, Masbate; and [II
PIVS] at Cebu City, Cebu. Also felt at Bacolod, Negros.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like 833A, KVTX, 435B, etc.

Table with columns for station call letters, frequency, time, and signal strength. Includes stations like Yuzh-Sakhalins, Charters Tower, and various regional stations.

Table with columns for station call letters, frequency, time, and signal strength. Includes stations like Talaya, Irkutsk, and various regional stations.

Table with columns for station call letters, frequency, time, and signal strength. Includes stations like Yakutsk, Makanchi Array, and various regional stations.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SVSK Karacayir, GAZ Gaziantep, TOKT Tokat, KEV Kevo, etc.

2012 FEB

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NACGM Naroch, NACGM NACGM, NACGM comp=Z,0.1nm,0.8s, etc.

12d 13h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HFS Hagfors, HFS comp=Z,1.2nm,0.9s,baz=46,slow=6.2,SNR=18, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KS15, KSAR, USRK, PETK, PE1A, PHRA, LAMP, CM01, CM31, CMAR, CHTO, SEY, SONM, ILAR, SNA, TXAR, MKAR, YKA.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TLY, STKA, PETK, PE1A, MK01, MK31, MK32, MKAR, MAZK, ZAAO, ZALV, ZAA1, AAK, SEY, KURK, KURBB, KKAR, TIXI, BVAR, BRVK, GEYT, ABKAR, AKTO, ARU, GNI, RAYN, KBZ, COLD, MCK, SPAO, SPITS, ARAO, ARCES, ASF, INK, OPO, MMAI, BR101, BR113, BR121, FIAO, FIA1, FIA2, BR231, AKASG, CSS, BURAO, MLR, NB2, NB20, NOA, YKA, GERS, TOR, PLCA.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA, WB2, ASAJ, ASAR, ASAR, AS01, ADAN, TAPN, SONAO, SONM, SONAI, H11S3, H11S1, H11S2, H11N1, H11N2, H11N3, GUN, PKI, KOLN, PYUN, MK01, MK31, MK32, MKAR, MKAR, MAZK, ZALV, ZAA1, KURK, KURBB, KKAR, BVAR, BRVK, GEYT, ABKAR, AKTO, ARU, GNI, RAYN, ILAR, ARCES, OPO, MMAI, BRTR, FINES, AKASO, HFS, YKA, TOR, PLCA.

MAN 04 13:19:37, 12.18N, 126.11E, h48km, mb5.9, ML4.9, MS5.4
IDC 04 13:19:37, 1.0, 5, 11.90N, 125.76E, h0km, mb4.4/35,
mb1 4.5/36, mb1mx4.4/72, mbtmp4.4/36, ML3.8/1, Error
ellipse: s-maj=20.6km s-min=10.9km az=78.0

NEIC 04 13:19:38, 7.0, 2.1, 11.90N, 125.76E, h10km, mb4.8/22, Error
ellipse: s-maj=8.1km s-min=4.8km az=81.0

NEIC Felt (III PIVS) at Borongan
ISCJB 04 13:19:40, 0.3, 12.00N, 125.95E, h0.04, h33km,
mb4.5/58, Error ellipse: s-maj=5.7km s-min=0.0km az=8.1

ISC 04 13:19:42, 2.1, 3.1, 11.94N, 125.04E, h33km, 5km,
n124, s125/126, mb4.6/58, 4C-2D, Samar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CNP, OCLP, OCLP, MMHP, SCPH, LLL, BUTP, RCP, KALP, SNPH, GOP, JAP, BUKP, EUKR, LQP, TGY, JOW, KUNIGAMI, JOW, SBUM, JNU, SOEI, BATI, NONG, CHAI, ENH, NAYO, MYKOM, PBKT, KS15, KSAR, PHRA, LAMP, CM01, CM31, CMAR, CMAR, CMAI, FITZ, WR1, WRA, WRA, AS31, ASAR, ASAR, AS01, LSA, KLR, TAPN, ODAN, SONAO, SONM, SONAI, RAMN, H11S3, H11S1, H11S2, H11N1, H11N2, H11N3, GUN, PKI, PKIN, KKN, DMN, KOLN, PYUN.

MAN 04 13:25:35, 8.0, 6.1, 12.00N, 125.86E, h0km, mb4.1/23,
mb1 4.2/3, mb1mx3.0/63, mbtmp4.1/23, MS4.6/1,
MS1 4.4/1, ms1mx3.1/69, Error ellipse: s-maj=29.0km
s-min=12.1km az=77.0

NEIC 04 13:25:36, 7.0, 3.1, 11.96N, 125.86E, h10km, mb4.6/8, Error
ellipse: s-maj=15.8km s-min=6.8km az=73.0

NEIC Felt (III PIVS) at Borongan
ISC 04 13:25:38, 0.1, 9.1, 11.95N, 125.86E, h0.06, h16km, n11km,
n75, s138/78, mb4.3/31, 2C-3D, Samar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BESP, BESP, CNP, OCLP, OCLP, MSLP, MSLP, SCPH, MMHP, PVCP, LLL, BUTP, RCP, SNPH, OTRP, JAP, LQP, CAUP, SOEI, KSAR, KSRS, KS01, CM01, CMAR, FITZ, USRK, WRAB, WRA.

CSEM 04 13:31:52, 1.4, 44.43N, 21.88E, h0km, ML1.4, Mining
explosion.
BEO 04 13:31:52, 1.0, 44.43N, 21.88E, h0km, M1.4/5, Mining
explosion., Northwestern Balkan Peninsula

ISC 04 13:32:40, 0.2, 5, 2.48N, 93.47E, h0km, mb3.4/5, mb1 3.5/7,
mb1mx3.3/75, mbtmp3.4/7, ML3.6/1, MS4.3/1, MS1 4.3/1,
ms1mx3.5/47, Error ellipse: s-maj=66.4km s-min=25.7km
az=50.0

ISC 04 13:32:43, 6.1, 5, 2.60N, 93.65E, h0.10, h33km, mb3.5/5,
MS4.3/1, Error ellipse: s-maj=27.0km s-min=11.0km
az=21.6

ISC 04 13:32:45, 8.1, 2, 6.20N, 93.65E, n11, h35km, n11, c077/8,
mb3.5/5, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KUBS, KUBS, GRUS, GRUS, GRUS, BZS, BZS, ZAPS, ZAPS, BARS, BARS, BARS, BARS, PSI, CMAR, H0S2, H0S3, H0S1, MKAR, WRA, SONM, SONM, TLY, ZALV.

MAN 04 13:25:35, 8.0, 6.1, 12.00N, 125.86E, h0km, mb4.1/23,
mb1 4.2/3, mb1mx3.0/63, mbtmp4.1/23, MS4.6/1,
MS1 4.4/1, ms1mx3.1/69, Error ellipse: s-maj=29.0km
s-min=12.1km az=77.0

NEIC 04 13:25:36, 7.0, 3.1, 11.96N, 125.86E, h10km, mb4.6/8, Error
ellipse: s-maj=15.8km s-min=6.8km az=73.0

NEIC Felt (III PIVS) at Borongan
ISC 04 13:25:38, 0.1, 9.1, 11.95N, 125.86E, h0.06, h16km, n11km,
n75, s138/78, mb4.3/31, 2C-3D, Samar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BESP, BESP, CNP, OCLP, OCLP, MSLP, MSLP, SCPH, MMHP, PVCP, LLL, BUTP, RCP, SNPH, OTRP, JAP, LQP, CAUP, SOEI, KSAR, KSRS, KS01, CM01, CMAR, FITZ, USRK, WRAB, WRA.

CSEM 04 13:31:52, 1.4, 44.43N, 21.88E, h0km, ML1.4, Mining
explosion.
BEO 04 13:31:52, 1.0, 44.43N, 21.88E, h0km, M1.4/5, Mining
explosion., Northwestern Balkan Peninsula

ISC 04 13:32:40, 0.2, 5, 2.48N, 93.47E, h0km, mb3.4/5, mb1 3.5/7,
mb1mx3.3/75, mbtmp3.4/7, ML3.6/1, MS4.3/1, MS1 4.3/1,
ms1mx3.5/47, Error ellipse: s-maj=66.4km s-min=25.7km
az=50.0

ISC 04 13:32:43, 6.1, 5, 2.60N, 93.65E, h0.10, h33km, mb3.5/5,
MS4.3/1, Error ellipse: s-maj=27.0km s-min=11.0km
az=21.6

ISC 04 13:32:45, 8.1, 2, 6.20N, 93.65E, n11, h35km, n11, c077/8,
mb3.5/5, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KUBS, KUBS, GRUS, GRUS, GRUS, BZS, BZS, ZAPS, ZAPS, BARS, BARS, BARS, BARS, PSI, CMAR, H0S2, H0S3, H0S1, MKAR, WRA, SONM, SONM, TLY, ZALV.

MAN 04 13:25:35, 8.0, 6.1, 12.00N, 125.86E, h0km, mb4.1/23,
mb1 4.2/3, mb1mx3.0/63, mbtmp4.1/23, MS4.6/1,
MS1 4.4/1, ms1mx3.1/69, Error ellipse: s-maj=29.0km
s-min=12.1km az=77.0

NEIC 04 13:25:36, 7.0, 3.1, 11.96N, 125.86E, h10km, mb4.6/8, Error
ellipse: s-maj=15.8km s-min=6.8km az=73.0

NEIC Felt (III PIVS) at Borongan
ISC 04 13:25:38, 0.1, 9.1, 11.95N, 125.86E, h0.06, h16km, n11km,
n75, s138/78, mb4.3/31, 2C-3D, Samar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BESP, BESP, CNP, OCLP, OCLP, MSLP, MSLP, SCPH, MMHP, PVCP, LLL, BUTP, RCP, SNPH, OTRP, JAP, LQP, CAUP, SOEI, KSAR, KSRS, KS01, CM01, CMAR, FITZ, USRK, WRAB, WRA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NVAR Mina Array Bea, HLID Halley, HRY Holter Research, etc.

CSEM 04 16:13:39.8-0.5, 49.85N-18.48E, h1km, ML2.0/5, Error ellipse: s-maj=10.2km s-min=3.7km az=26.0

IPEC 04 16:13:39.8-0.4, 49.83N-18.57E, h0km, ML1.3/3, Error ellipse: s-maj=2.1km s-min=1.1km az=161.0

PRU 04 16:13:40.8, 49.85N-18.45E, h0km, Czech and Slovak Republics

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

CSEM 04 16:14:12.3-0.2, 49.72N-18.26E, h1km, Error ellipse: s-maj=7.7km s-min=3.2km az=36.0

PRU 04 16:14:11.9, 49.85N-18.38E, h0km, 3C, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OKC Ostrava-Krasne, LANS Liptovska Anna, VYHS Vyhne, etc.

ISCJB 04 16:38:11.9-0.5, 38.60N-04.43, 15E, h4km, 7km, Error ellipse: s-maj=6.9km s-min=4.4km az=156.1

CSEM 04 16:38:11.4-0.2, 38.58N-4.3, 18E, h10km, MD2.9, Error ellipse: s-maj=4.9km s-min=4.2km az=149.0

DDA 04 16:38:11.7, 38.62N-4.3, 22E, h7km, MD2.9

ISK 04 16:38:11.0, 38.58N-4.3, 16E, h9km, ML2.4/3

ISC 04 16:38:11.8-0.9, 38.59N-4.03, 16E, h8km, 10km, n22, c069/39, 1C, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VANB Van, TVAN Van, GEVA Gevas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CLDR Caldiran, GUMU Guam, H1N1 WAKE ISLAND Hy, etc.

KRSC 04 16:46:21.3-1.2, 48.75N-156.20E, h43km, 21km, ML3.7, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, KRDR Khodutka, RUS Russkaya, etc.

IDC 04 17:13:51.6-1.4, 12.33N-144.32E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.4/71, mbtmp3.5/4, Error ellipse: s-maj=42.6km s-min=19.2km az=118.0, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GUMU Guam, H1N1 WAKE ISLAND Hy, H1N2 WAKE ISLAND Hy, etc.

MEX 04 17:17:45.7-0.4, 17.31N-101.37W, h22km, 27km, MD3.6, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZIIG Zihuatanejo, CAIG El Cayaco, ARIG Puente Sto Nin, etc.

IDC 04 17:21:29.3-1.3, 41.8N-62.93E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.2/79, mbtmp3.6/4, MS3.5/4, Ms1 3.5/4, ms1mx2.8/57, Error ellipse: s-maj=44.1km s-min=28.3km az=163.0, Carlsberg Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H0B2N Diego Garcia H, H0B3N Diego Garcia H, H0B1N Diego Garcia H, etc.

MAN 04 17:28:08, 12.11N, 126.00E, h1km, mb4.8, ML3.7, MS3.8

ISCJB 04 17:28:09.9-1.2, 12.07N-126.03E, h0.04, h25km, 8km, mb4.5/37, MS3.2/4, Error ellipse: s-maj=6.8km s-min=4.8km az=172.0

NEIC 04 17:28:09.6-0.3, 11.99N-125.95E, h10km, mb4.7/21, Error ellipse: s-maj=11.5km s-min=5.6km az=71.0

IDC 04 17:28:13.5-3.3, 11.95N-125.85E, h3km, 25km, mb4.1/17, mb1 4.2/18, mb1mx3.8/71, mbtmp4.4/18, ML4.7/1, MS3.4/5, Ms1 3.4/5, ms1mx2.9/62, Error ellipse: s-maj=29.9km s-min=11.9km az=70.0

ISC 04 17:28:10.8-1.5, 12.05N-104.125-87E-0.06, h16km, 9km, n98, c1642/105, mb4.7/37, MS3.2/4, 4C-2D, Samar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BESP Borong, BOSP Ormoc, OCLP Maasin, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TGY 24nm, 0.3s, baz=90, slow=3.0, SNR=2.3, SSSL Suanglung, SBLU Suanglung, GUMO Guam, etc.

IDC 04 17:32:45.5-4.1, 19.65S-163.18E, h0km, mb4.1/3, mb1 4.3/3, mb1mx3.7/43, mbtmp4.1/3, ML2.6/1, Error ellipse: s-maj=97.7km s-min=26.8km az=22.0, New Caledonia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DMZ Mont Dzumac, DZM 0.4nm, 0.3s, baz=191, slow=22, SNR=1.8, STKA Stephens Creek, etc.

IDC 04 17:45:26.7-0.6, 17.18S-167.91E, h0km, mb4.8/24,

4d 17h

mb1 4.8/26, mb1mx4.6/51, mbtmp4.8/26, ML4.7/2, MS4.2/23, MS1.4/2.23, ms1mx4.0/42, Error ellipse: s-maj=18.3km s-min=14.4km az=135.0
 NEIC 04 17:45:28.0, 1.17, 0.09S; 167.81E, h10km, mb5.2/93, Error ellipse: s-maj=4.1km s-min=4.1km az=151.0
 WEL 04 17:45:28.0, 1.17, 0.1S; 167.81E, h33km
 ISCJB 04 17:45:29.0, 1.17, 0.09S; 167.73E, 0.03, h21km, mb5.0/136, MS4.3/26, Error ellipse: s-maj=4.1km s-min=3.5km az=138.5
 MOS 04 17:45:30.6, 1.0, 1.17, 0.13S; 167.78E, h33km, mb5.1/44, MS4.3/6, Error ellipse: s-maj=9.7km s-min=8.4km az=21.2
 BUJ 04 17:45:31.4, 1.17, 0.09S; 167.02E, h16km, mb5.0/40, mb5.1/29, MS5.1/17, MS7.4/8.14
 ISC 04 17:45:30.7-0.3, 17.20S; 0.04-167.76E; 0.05, h21km, n336, o160/331, mb5.1/133, MS4.3/26, 11C-5D, Vanuatu

Code	Station Name	Δ°	AZ°	Phase	ID	ISC	Op	h	s	Res
								m	s	ISC
DZM	Mont Dzumac	5.00	194	eP	Pn			17	46	43.7 -1.0
DZM	Mont Dzumac	5.00	194	eP	Pn			17	46	45.0 +0.3
DZM	Mont Dzumac	5.00	194	eP	Pn			17	47	39.9 -2.1
DZM	Mont Dzumac	5.00	194	eP	Pn			17	46	44.0 -0.7
DZM	Honiara	10.83	314	P	Sn			17	48	07.0 +2.3
HNR	Honiara	10.83	314	P	Sn			17	49	08.0 -2.7
HNR	Honiara	10.83	314	P	Sn			17	48	06.2 +1.5
HNR	Honiara	10.83	314	P	Sn			17	50	04.7 -0.6
HNR	Honiara	10.83	314	P	Sn			17	52	12.9
FUNA	Funafuti	14.05	54	eP	Pn			17	48	49.8 +0.6
EIDS	Eidsvold	17.53	240	eP	Pn			17	49	36.3 +1.4
RAO	Raoul Island	17.79	135	eP	Pn			17	55	11.0
RAO	Raoul Island	17.79	135	eP	Pn			17	49	38.4 +0.6
RAO	Raoul Island	17.79	135	eP	Pn			17	49	38.4 +0.6
RAO	Raoul Island	17.79	135	eP	Pn			17	49	38.4 +0.6
RAO	Raoul Island	17.79	135	eP	Pn			17	49	38.4 +0.6
ARMA	Armidale	19.98	83	eP	Pn			17	50	01.8 +1.0
AFI	Afiama	19.98	83	eP	Pn			17	55	49.8
AFI	Afiama	19.98	83	eP	Pn			17	50	02.2 +0.1
AFI	Afiama	19.98	83	eP	Pn			17	50	02.2 +0.1
AFI	Afiama	19.98	83	eP	Pn			17	50	02.5 -1.3
CTAO	Charters Tower	20.58	259	eP	Pn			17	50	10.2 -0.5
CTAO	Charters Tower	20.58	259	eP	Pn			17	50	10.1 -0.6
CTAO	Charters Tower	20.58	259	eP	Pn			17	50	10.1 -0.6
CTAO	Charters Tower	20.58	259	eP	Pn			17	50	10.1 -0.6
CTAO	Charters Tower	20.58	259	eP	Pn			17	50	10.1 -0.6
MGKAZ	Moumakai	21.48	263	eP	Pn			17	50	13.9 -0.1
PMG	Pori Moresby	21.48	263	eP	Pn			17	50	20.3 +2.1
PMG	Pori Moresby	21.48	263	eP	Pn			17	57	56.5
HIZ	Haiti	22.13	165	eP	Pn			17	50	25.8 +0.9
HAZ	Te Kaha	22.30	159	P	P			17	50	28.6 +1.9
RUGZ	Raukumara Rang	22.45	159	P	P			17	50	28.7 +0.2
URZ	Urewera	22.53	160	P	P			17	50	29.2 0.0
URZ	Urewera	22.53	160	P	P			17	50	29.2 0.0
URZ	Urewera	22.53	160	P	P			17	50	29.2 0.0
URZ	Urewera	22.53	160	P	P			17	50	29.2 0.0
URZ	Urewera	22.53	160	P	P			17	50	29.2 0.0
WMGZ	Waiomatatini S	22.58	156	P	P			17	50	31.2 +1.5
WMZ	Waiatai	22.73	160	P	P			17	50	31.7 +0.3
TWGZ	Tauwhareparea	22.74	159	P	P			17	50	33.1 +1.6
PUZ	Puketitahi	22.75	158	P	P			17	50	32.4 +0.9
RTZ	Ruatatuna	22.81	161	P	P			17	50	35.0 +2.7
WTVZ	West Tongariro	22.88	164	P	P			17	50	37.3 +4.2
NGZ	Ngauruhoe	22.94	164	P	P			17	50	37.6 +3.9
TRVZ	Turoa	23.04	164	P	P			17	50	38.0 +3.1
CNGZ	Carnagh Statio	23.10	159	P	P			17	50	36.5 +1.4
RIGZ	Rimu	23.14	160	P	P			17	50	36.6 +0.9
BKZ	Black Stump Fm	23.18	163	eP	Pn			17	50	36.6 +0.6
BKZ	Black Stump Fm	23.18	163	eP	Pn			17	50	36.5 +0.5
BKZ	Black Hill Sta	23.36	164	P	P			17	50	39.5 +1.6
KWHz	Kaveka Forest	23.39	163	P	P			17	50	40.2 +2.0
KRHZ	Kereru	23.59	174	eP	Pn			17	50	41.3 +1.3
COEN	Coen	23.89	274	eP	Pn			17	50	42.5 -0.7
BFZ	Birch Farm	24.52	164	eP	Pn			17	50	48.3 -0.5
CAN	Canberra	24.60	219	eP	Pn			17	50	50.3 +0.8
CAN	Canberra	24.60	219	eP	Pn			17	50	50.3 +0.8
CAN	Canberra	24.60	219	eP	Pn			17	50	50.3 +0.8
CAN	Canberra	24.60	219	eP	Pn			17	50	50.3 +0.8
CAN	Canberra	24.60	219	eP	Pn			17	50	50.3 +0.8
SNZO	Southern Karori	24.76	167	eP	Pn			17	50	51.7 +0.8
THZ	Tophouse	24.88	171	eP	Pn			17	50	52.2 +0.2
THZ	Tophouse	24.88	171	eP	Pn			17	50	52.2 +0.2
THZ	Tophouse	24.88	171	eP	Pn			17	50	52.2 +0.2
THZ	Tophouse	24.88	171	eP	Pn			17	50	52.2 +0.2
THZ	Tophouse	24.88	171	eP	Pn			17	50	52.2 +0.2
LTZ	Lake Taylor	25.79	172	eP	Pn			17	51	01.1 +0.9
OXZ	Oxford	26.30	173	eP	Pn			17	51	05.0 +0.3
FOZ	Fox Glacier	26.31	177	eP	Pn			17	51	05.8 +1.0
RPZ	Rata Peak	26.58	175	LR	Pn			18	01	19.1
MGZ	McQueen's Vall	26.75	172	eP	Pn			17	51	09.7 +0.8
STKA	Stephens Creek	27.83	233	eP	Pn			17	51	19.8 +1.0
STKA	Stephens Creek	27.83	233	eP	Pn			18	02	25.6
STKA	Stephens Creek	27.83	233	eP	Pn			17	51	19.4 +0.7
STKA	Stephens Creek	27.83	233	eP	Pn			17	51	19.4 +0.7
STKA	Stephens Creek	27.83	233	eP	Pn			17	51	19.4 +0.7
DCZ	Deep Cove	28.19	181	eP	Pn			17	51	22.2 +0.5
RAR	Rarotonga	30.89	103	LR	Pn			18	03	35.8
WB2	Warramunga Arr	31.76	260	eP	Pn			17	51	53.1 -0.6
WRAB	Tennant Creek	31.76	260	eP	Pn			17	51	53.0 -0.7
WRAB	Tennant Creek	31.76	260	eP	Pn			17	51	52.8 -0.9
WR1	Warramunga Arr	31.77	260	eP	Pn			17	51	53.0 -0.8
WR1	Warramunga Arr	31.77	260	eP	Pn			17	51	53.0 -0.8
WR1	Warramunga Arr	31.77	260	eP	Pn			17	51	53.0 -0.8
WR1	Warramunga Arr	31.77	260	eP	Pn			17	51	53.0 -0.8
WR1	Warramunga Arr	31.77	260	eP	Pn			17	51	53.0 -0.8
WRA	Warramunga Arr	31.77	260	eP	Pn			17	54	44.1 -0.9
WRA	Warramunga Arr	31.77	260	eP	Pn			18	03	59.4
WRA	Warramunga Arr	31.77	260	eP	Pn			17	51	57.9 -0.3
AS01	Alice Springs	32.27	253	eP	Pn			17	51	58.6 0.0
AS31	Alice Springs	32.32	253	eP	Pn			17	51	58.6 0.0
ASAR	Alice Springs	32.32	253	eP	Pn			17	51	58.2 -0.4
ASAR	Alice Springs	32.32	253	eP	Pn			17	54	45.2 -1.3
ASAR	Alice Springs	32.32	253	eP	Pn			18	04	50.7
ASAR	Alice Springs	32.32	253	eP	Pn			17	51	58.2 -0.4
ASAR	Alice Springs	32.32	253	eP	Pn			17	54	45.2
ASAR	Alice Springs	32.32	253	eP	Pn			17	51	57.9 -0.3
ASAR	Alice Springs	32.32	253	eP	Pn			17	51	58.6 0.0
ASAR	Alice Springs	32.32	253	eP	Pn			17	51	58.2 -0.4
ASAR	Alice Springs	32.32	253	eP	Pn			17	54	45.2
ASAR	Alice Springs	32.32	253	eP	Pn			17	51	57.9 -0.3
ASAR	Alice Springs	32.32	253	eP	Pn			17	51	58.6 0.0
ASAR	Alice Springs	32.32	253	eP	Pn			17	51	58.2 -0.4
ASAR	Alice Springs	32.32	253	eP	Pn			17	54	45.2
ASAR	Alice Springs	32.32	253	eP	Pn			17	51	57.9 -0.3
ASAR	Alice Springs	32.32	253	eP	Pn			17	51	58.6 0.0
ASAR	Alice Springs	32.32	253	eP	Pn			17	51	58.2 -0.4
ASAR	Alice Springs	32.32	253	eP	Pn			17	54	45.2
ASAR	Alice Springs	32.32	253	eP	Pn			17	51	57.9 -0.3
ASAR	Alice Springs	32.32	253	eP	Pn			17	51	58.6 0.0
ASAR	Alice Springs	32.32	253	eP	Pn			17	51	58.2 -0.4
ASAR	Alice Springs	32.32	253	eP	Pn			17	54	45.2
ASAR	Alice Springs	32.32	253	eP	Pn			17	51	57.9 -0.3
ASAR	Alice Springs	32.32	253	eP	Pn			17	51	58.6 0.0
ASAR	Alice Springs	32.32	253	eP	Pn			17	51	58.2 -0.4
ASAR	Alice Springs	32.32	253	eP	Pn			17	54	45.2
ASAR	Alice Springs	32.32	253	eP	Pn			17	51	57.9 -0.3
ASAR	Alice Springs	32.32	253	eP	Pn			17	51	58.6 0.0
ASAR	Alice Springs	32.32	253	eP	Pn			17	51	58.2 -0.4
ASAR	Alice Springs	32.32	253	eP	Pn			17	54	45.2

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like KMBO, Z50A, MLR, X50A, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like T39A, X39A, R39A, VSU, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like MSTX, TXAR, TXAR, TX31, etc.

4d 18h

Table with columns: Station Name, Time, Res, ISC, H, m, S, ISC. Includes stations like TBI, LZH, CMAR, etc.

NIED 04 18:02:00 40.20N, 142.50E, h39km, Mw4.3. Best double couple: M2 980000.1015, NP13s175.00000, 1.9, 0.00000, 1.63, 0.00000. NP23s23.00000, 873.00000, 8.9, 0.00000. JMA 04 18:02:54.7z, 0.1, 40.16N, 142.47E, h34km, 1km, M4.1, JMA Felt II J2.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, H, m, S, ISC. Includes stations like JTH, JANG, etc.

2012 FEB

Main table with columns: Station Name, Time, Res, ISC, H, m, S, ISC. Includes stations like HHC, SEY, WHN, etc.

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Table with columns: Station Name, Time, Res, ISC, H, m, S, ISC. Includes stations like KBL, AKTO, WR1, etc.

JMA 04 18:03:14.1, 39.04N-140.30E, h6km, 2km, M2.0, Eastern Honshu

CSEM 04 18:09:24.3z, 0.3, 43.24N-20.86E, h10km, ML2.3, Error ellipse: s-maj=5.9km s-min=3.5km az=17.0

BEO 04 18:09:25.9z, 0.3, 43.24N-20.89E, h0km, M2.3/1, 6C, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, H, m, S, ISC. Includes stations like SELS, GRUS, etc.

PDG 04 18:09:38.6z, 0.2, 43.53N-17.75E, h4km, ML2.6/10, Error ellipse: s-maj=0.6km s-min=1.0km az=17.0

CSEM 04 18:09:38.4z, 0.3, 43.51N-17.57E, h2km, ML2.6, Error ellipse: s-maj=6.1km s-min=3.9km az=61.0

BEO 04 18:09:38.5z, 0.5, 43.49N-17.54E, h0km, M2.5/7

ISC 04 18:09:38.5z, 1.1, 43.51N-17.68E, h6km, 10km, n49, c131/84, 13C-8D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, H, m, S, ISC. Includes stations like STON, TREB, etc.

4d 19h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like Agia Marina, Plaka, Neapolis, Lasithi, Varnos, Apeiranthos, Sivas, etc.

IDC 04 18:39:45.6, 2.221AS:178.40W, h0km, mb3.8/2, mb1 4.1/2, mb1mx3.4/4, mbtmp3.8/2, Error ellipse: s-maj=230.8km s-min=51.6km az=155.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like Alice Springs, Warramunga Arr, Malin Array B, Keskin Array B, etc.

WEL 04 18:43:20.2, 38'S:179'E, h33km, ML3.7/12, Off east coast of North Island

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

2012 FEB

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like Poranghau, Pukenui, West Tongariro, etc.

IDC 04 18:49:53.1 ± 1.0, 35.62N:0.09:77.0E:0.3, h10km, mb2.8/2, Error ellipse: s-maj=31.3km s-min=8.8km az=18.1

IDC 04 18:49:53.0 ± 0.7, 35.566N:77.03E, h0km, mb3.0/2, mb1 3.2/4, mb1mx2.9/72, mbtmp3.1/4, ML2.6/2, Error ellipse: s-maj=165.5km s-min=32.2km az=76.0

ISC 04 18:49:55.0 ± 1.2, 35.56N:0.1:77.0E:0.3, h10km, n5, e1910/6, Eastern Kashmir

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like Thein Dam, Makanchi Array, Kurbb Kurchatov Arr, etc.

IDC 04 19:08:01.4, 2.3, 11.465S:65.43E, h0km, mb3.6/5, mb1 3.7/5, mb1mx3.3/70, mbtmp3.6/5, Error ellipse: s-maj=78.3km s-min=36.3km az=50.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like Makanchi Array, ASAR Alice Springs, ZALV Zalesovo Beam, etc.

IDC 04 19:08:07.8, 5.8, 4.08S:128.51E, h11km, 75km, mb2.9/3, mb1 3.0/5, mb1mx2.8/55, mbtmp3.3/5, ML2.2/2, MS3.5/1, Ms1 3.5/1, ms1mx2.7/17, Error ellipse: s-maj=85.1km s-min=22.4km az=76.0

ISC 04 19:08:09.0 ± 0.6, 3.93S:0.05:128.68E:0.04, h150km, mb3.1/2, Error ellipse: s-maj=7.6km s-min=5.6km az=4.6

DJA 04 19:08:12.0 ± 0.6, 4'S:4.12'E, h12km, 5km, M3.3/4, ML3.3/4

ISC 04 19:10:00.0 ± 0.9, 3.97S:0.07:128.66E:0.05, h150km, n13, e179/21, Seram

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like Ambon, Bandoi, Bandoaira, Namlea, etc.

MAN 04 19:17:12.12, 16N:126.07E, h3km, mb4.7, ML3.6, MS3.5

ISC 04 19:17:13.2 ± 1.9, 12.10N:0.05:126.17E:0.04, h14km, 13km, mb4.3/12, Error ellipse: s-maj=9.3km s-min=6.6km az=25.3

IDC 04 19:17:13.3 ± 3.7, 12.06N:125.95E, h0km, mb3.9/6, mb1 4.1/6, mb1mx3.6/70, mbtmp3.9/6, Error ellipse: s-maj=104.2km s-min=27.9km az=48.0

NEIC 04 19:17:17.5 ± 1.4, 11.63N:125.49E, h10km, mb4.7/7, Error ellipse: s-maj=10.8km s-min=5.0km az=54.0

LQP 04 19:17:13.6 ± 2.1, 20.03N:106.123E:0.08, h4km, 16km, n28, e156/34, mb4.3/12, 2C-2D, Samar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like Borongan, Catarman, Ormoc, Maasin, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like Chiang Mai Arr, Chiang Mai Arr, FITZ Fitzroy Crossi, etc.

ISC 04 19:22:27.9 ± 0.1, 36.49N:0.02:70.74E:0.02, h150km, mb4.5/22, Error ellipse: s-maj=2.8km s-min=2.3km

IDC 04 19:22:27.7 ± 1.9, 36.40N:70.66E, h137km, 17km, mb4.0/30, mb1 4.0/35, mb1mx3.9/76, mbtmp4.4/35, MS3.0/2, Ms1 3.0/2, ms1mx2.4/70, Error ellipse: s-maj=10.4km s-min=7.7km az=179.0

MOS 04 19:22:28.5 ± 0.9, 36.52N:70.76E, h152km, mb4.5/28, Error ellipse: s-maj=7.5km s-min=4.7km az=92.3

NEIC 04 19:22:29.1 ± 0.6, 36.52N:70.69E, h146km, 6km, mb4.7/53, Error ellipse: s-maj=4.6km s-min=3.8km az=190.0

BUI 04 19:22:33.5, 36.65N:71.12E, h168km, mb4.4/37, mb4.7/24, NNC 04 19:22:33.6 ± 2.0, 36.88N:70.61E, h165km, 19km, mb3.8, mp4.5, Error ellipse: s-maj=17.7km s-min=11.2km az=7.0

ISC 04 19:22:29.3 ± 0.3, 36.54N:70.71E:0.03, h150km, n269, e1596/33, mb4.5/22, 31C-18D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like Kabul, Cherat, Chirah Chowk, etc.

ISC 04 19:22:29.3 ± 0.3, 36.54N:70.71E:0.03, h150km, n269, e1596/33, mb4.5/22, 31C-18D, Hindu Kush region

ISC 04 19:22:29.3 ± 0.3, 36.54N:70.71E:0.03, h150km, n269, e1596/33, mb4.5/22, 31C-18D, Hindu Kush region

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

ISC 04 19:22:29.3 ± 0.3, 36.54N:70.71E:0.03, h150km, n269, e1596/33, mb4.5/22, 31C-18D, Hindu Kush region

ISC 04 19:22:29.3 ± 0.3, 36.54N:70.71E:0.03, h150km, n269, e1596/33, mb4.5/22, 31C-18D, Hindu Kush region

ISC 04 19:22:29.3 ± 0.3, 36.54N:70.71E:0.03, h150km, n269, e1596/33, mb4.5/22, 31C-18D, Hindu Kush region

ISC 04 19:22:29.3 ± 0.3, 36.54N:70.71E:0.03, h150km, n269, e1596/33, mb4.5/22, 31C-18D, Hindu Kush region

ISC 04 19:22:29.3 ± 0.3, 36.54N:70.71E:0.03, h150km, n269, e1596/33, mb4.5/22, 31C-18D, Hindu Kush region

ISC 04 19:22:29.3 ± 0.3, 36.54N:70.71E:0.03, h150km, n269, e1596/33, mb4.5/22, 31C-18D, Hindu Kush region

ISC 04 19:22:29.3 ± 0.3, 36.54N:70.71E:0.03, h150km, n269, e1596/33, mb4.5/22, 31C-18D, Hindu Kush region

ISC 04 19:22:29.3 ± 0.3, 36.54N:70.71E:0.03, h150km, n269, e1596/33, mb4.5/22, 31C-18D, Hindu Kush region

ISC 04 19:22:29.3 ± 0.3, 36.54N:70.71E:0.03, h150km, n269, e1596/33, mb4.5/22, 31C-18D, Hindu Kush region

ISC 04 19:22:29.3 ± 0.3, 36.54N:70.71E:0.03, h150km, n269, e1596/33, mb4.5/22, 31C-18D, Hindu Kush region

ISC 04 19:22:29.3 ± 0.3, 36.54N:70.71E:0.03, h150km, n269, e1596/33, mb4.5/22, 31C-18D, Hindu Kush region

ISC 04 19:22:29.3 ± 0.3, 36.54N:70.71E:0.03, h150km, n269, e1596/33, mb4.5/22, 31C-18D, Hindu Kush region

ISC 04 19:22:29.3 ± 0.3, 36.54N:70.71E:0.03, h150km, n269, e1596/33, mb4.5/22, 31C-18D, Hindu Kush region

ISC 04 19:22:29.3 ± 0.3, 36.54N:70.71E:0.03, h150km, n269, e1596/33, mb4.5/22, 31C-18D, Hindu Kush region

ISC 04 19:22:29.3 ± 0.3, 36.54N:70.71E:0.03, h150km, n269, e1596/33, mb4.5/22, 31C-18D, Hindu Kush region

ISC 04 19:22:29.3 ± 0.3, 36.54N:70.71E:0.03, h150km, n269, e1596/33, mb4.5/22, 31C-18D, Hindu Kush region

ISC 04 19:22:29.3 ± 0.3, 36.54N:70.71E:0.03, h150km, n269, e1596/33, mb4.5/22, 31C-18D, Hindu Kush region

4d 19h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Denali Highway, Dawson, HAARP, Boshof, Kodiak Island, Yellowknife Arr, Warramunga Arr, Alice Springs, etc.

IDC 04 19:24:09.5:1.9, 17.775:167.43E, h0km, mb4.0/5, mb1.4/2.6, mb1mx3.8/5.2, mbtmp3.9/6, ML3.6/1, Error ellipse: s-maj=51.5km s-min=30.5km az=130.0

ISCJB 04 19:24:11.4:1.6, 17.965:0.09:167.4E:0.2, h23km, mb3.9/5, Error ellipse: s-maj=33.3km s-min=12.6km z=1.6

ISC 04 19:24:12.9:1.7, 17.95:0.1:167.4E:0.3, h23km, n6, c1518/7, mb3.9/5, Vanuatu Islands

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

IDC 04 19:24:33.8:3.5, 12.08N:126.24E, h0km, mb3.6/4, mb1.3/7.4, mb1mx3.2/7.1, mbtmp3.6/4, Error ellipse: s-maj=282.9km az=0.0

ISC 04 19:24:38.4:1.4, 11.95N:0.09:126.1E:0.1, h28km, n7, c1508/9, mb3.6/4, 1D, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Surigao, Lapu-Lapu, Roxas, Warramunga Arr, Alice Springs, etc.

GMN 04 19:29:11, 12.15N:126.12E, h2km, mb5.9, ML4.9, MS5.4, MANT 04 19:29:15.0:0.1, 12.08N:125.95E, h13km, MW5.4/11.6

Moment Tensor Solution, s96,c153; s116,c208; Duration: 1s2 Moment tensor: Scale 10^17Nm; Mn:1.02e-02; Mw:0.16e-01; Mo:0.85e-02; Mo:0.37e-03; Mw:0.40e-01; Mw:0.75e-04; Best double couple: M1:1.2800e+10; M2:1.3340000e+09; s65.00000; 1.89.00000; NP2:1.157.00000; s25.00000; 1.92.00000; Principal axes: T:1.3200, P1g70.0000; Azm242.0000; N:0.0170, P1g1.0000; Azm335.0000; P:-1.3350, P1g20.0000; Azm65.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 04 19:29:15.0:0.2, 11.94N:125.72E, h6km, mb5.4/12.1 Error ellipse: s-maj=10.6km s-min=8.2km az=173.0

NEIC Felt [III PIVS] at San Policarpo. Also felt at Catbalogan. Felt [IV] at Tacloban, Leyte.

IDC 04 19:29:17.3:2.5, 11.91N:125.68E, h18km, 15km, mb4.7/4.4, mb1.4/8.4, mb1mx4.7/6.8, mbtmp4.8/4.6, ML4.1, 1/2, MS4.5/4.3, MS1.4/5.4/3, ms1mx4.4/7.4, Error ellipse: s-maj=13.1km s-min=7.7km az=81.0

MOS 04 19:29:17.2:1.0, 11.89N:125.65E, h32km, mb5.4/5.7, MS4.8/1.1, Error ellipse: s-maj=9.2km s-min=5.0km az=112.8

ISCJB 04 19:29:19.2:0.4, 11.94N:0.02:125.79E:0.03, h48km, 3km, mb5.1/19.7, MS4.7/7.1, Error ellipse: s-maj=4.3km s-min=3.0km az=161.5

BUI 04 19:29:19.4, 11.88N:125.73E, h58km, mb4.9/6.0, mb5.1/6.9, MS5.3/8.6, MS7.5/0.77

KLM 04 19:29:25.4, 11.87N:126.11E, h120km, mb5.3, DJA 04 19:29:39.0:0.7, 12.1165:1.5E, h265km, 10km, M4.9/15, mb4.1/5.15, mb5.1/6.2, ML6.2/1, MW6.4/1/3

ISC 04 19:29:40.0:4.1, 11.96N:0.03:125.78E:0.04, h42km, 3km, n494, c1556/522, mb5.2/19.7, MS4.7/7.2, 34C-33D, Samar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Borongan, Catraman, Ormoc, Maasin, Masbate, Surigao, Virac, Tagbilaran, Butuan, Roxas, Jordan, Sibutan, Guinayanagan, San Jose, Anti, Musuan, Dipolog City, Lukban, Pagadian, Davao City, Davao City (W), Davao City (E), Cotabato-PC H, Cotabado, Dipawan.

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Main table with columns: TGY, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Tagaytay City, General Santos, Lahad Datu, Kota Kinabalu, etc.

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Table with columns: MYKOM, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Kota Tinggi, Kota Tinggi, SMRI, Semaang, etc.

4d 19h

Table with columns: ARU, Arti, comp=Z, 67.56 326 LR, LR, 20 10 09.2, etc. Lists various stations and their associated data.

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Table with columns: DIV, Divide, 78.88 30 eP, P, 19 41 19.0 -0.2, etc. Lists various stations and their associated data.

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Table with columns: TBI, Tubuai, 89.94 114 eS, S, 19 53 06.9 +1.2, etc. Lists various stations and their associated data.

IDC 04 19:32:56.2, 2.2, 1.04N, 126.46E, h0km, mb3.7/3, mb1 4.0/3, mb1mx3.3/59, mbtmp3.8/3, MS4.3/2, Ms1 4.2/2, ms1mx3.5/68, Error ellipse: s-maj=180.7km s-min=29.2km az=65.0, Northern Molucca Sea

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

ISCJB 04 19:34:28.8, 0.7, 4.3'21N, 126.42W, 0.05, h6km, 5km, mb4.3/20, MS3.2/4, Error ellipse: s-maj=5.9km s-min=2.6km az=174.2

IDC 04 19:34:29.1, 2.0, 4.3'30N, 126.32W, h0km, mb3.4/4, mb1 3.6/6, ms1mx3.3/32, mbtmp3.6/8, ML3.8/4, MS3.7/6, s-min=1.3km az=62.0, NEIC 04 19:34:31.0, 0.5, 4.3'22N, 126.46W, h10km, mb4.3/39, Error ellipse: s-maj=6.8km s-min=2.9km az=84.0

NEIC Felt at Brookings and Winston. ISC 04 19:34:30.9, 2.4, 4.3'23N, 126.30W, 0.07, h8km, 14km, n226, s197/242, mb4.6/20, MS3.5/4, Off coast of Oregon

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Tendick Farm, Jacoby Creek, and many others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like North Lily, Auburn Hatcher, and many others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SFK, MNAS Manas, and many others.

IDC 04 19:43:14.6±1.2, 12.07N:126.42E, h0km, mb3.9/9, mb1 4.1/9, mb1mx3.7/64, mbtmp3.9/9, Error ellipse: s-maj=51.5km s-min=21.2km az=75.0

ISCJB 04 19:43:17.5±0.9, 12.0N:0.1:126.4E:0.2, h32km, mb3.9/9, Error ellipse: s-maj=13.1km s-min=15.9km az=164.9

ISC 04 19:43:19.3±1.0, 12.1N:0.2:126.4E:0.3, h32km, n12, c0591/9, mb3.9, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KRSR Korea Array, CMAR Chiang Mai Arr, FITZ Fitzroy Crossi, H11N1 WAKE ISLAND Hy, H11N2 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, STKA Stephens Creek, MKAR Makanchi Array, ZALV Zalesovo Beam, ARCES ARCES Array B, FINES FINES Array B, BRTR Keskin Array B.

ISCJB 04 19:43:45.5±1.0, 5.43S:0.08:147.2E:0.2, h200km, mb3.7/5, Error ellipse: s-maj=29.7km s-min=11.0km az=4.0

IDC 04 19:43:48.3±2.4, 5.68S:147.50E, h226km, mb3.4/5, mb1 3.6/7, mb1mx3.1/47, mbtmp3.9/7, Error ellipse: s-maj=58.1km s-min=17.9km az=125.0

ISC 04 19:43:46.8±1.0, 5.47S:0.09:147.1E:0.2, h200km, n8, c1576/9, mb3.8/5, Eastern New Guinea region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, PETK Petropavlovsk, MKAR Makanchi Array, ILAR Gielson Array, TORO Torodi Ar. Bea.

JMA 04 19:45:12.1±0.1, 37.44N:141.30E, h34km±1km, M3.6, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include JFK Kawauchi, ONAJ Iwakimizuishiy, JMM Marumori, JFT Otama, JIO Ouri, JHO Hitachi, JOU Okura, JYS Shirataka, JFY Yanaizu, MAT Matsuhiro.

IDC 04 20:00:41.6±13.0, 17.38S:167.99E, h0km, mb4.1/3, mb1 4.3/4, mb1mx3.8/52, mbtmp4.1/4, ML3.5/1, Error ellipse: s-maj=216.6km s-min=53.1km az=65.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include DZM Mont Dzumac, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs.

IDC 04 20:02:16.7±1.7, 17.73S:167.33E, h0km, mb4.1/7, mb1 4.3/8, mb1mx4.0/52, mbtmp4.1/8, ML3.8/1, MS3.5/2, Ms1 3.5/2, ms1mx3.1/41, Error ellipse: s-maj=49.4km s-min=23.3km az=119.0

ISCJB 04 20:02:17.2±0.7, 17.73S:0.06:167.1E:0.1, h10km, mb4.2/12, MS3.3/1, Error ellipse: s-maj=16.8km s-min=9.2km az=175.1

NEIC 04 20:02:18.9±0.7, 17.73S:167.17E, h10km, mb4.6/6, Error ellipse: s-maj=15.8km s-min=11.3km az=81.0

ISC 04 20:02:18.7±1.0, 17.78S:0.08:167.3E:0.2, h10km, n20, c1522/11, mb4.2/12, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include DZM Mont Dzumac, DZM Stephens Creek, DZM Warramunga Arr, DZM Honiara, THZ Tophouse, KHZ Kahutara, RPZ Rata Peaks, STKA Stephens Creek, STKA Stephens Creek, WB2 Warramunga Arr, WR1 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, ASO1 Alice Springs, AS31 Alice Springs, ASAR Alice Springs, KRSR Korea Array, KSAR Wonju Array Be, PETK Petropavlovsk.

1.4nm,0.7s,baz=125,slow=5.3,SNR=4.1

PEA1 Petropavlovsk- 71.08 354 eP P 20 13 37.2 +0.4

CMAR Chiang Mai Arr 76.20 295 P P 20 14 09.3 +1.6

ILAR Gielson Array 89.41 13 P P 20 15 13.2 -2.0

1.5nm,0.9s,baz=128,slow=4.3,SNR=5.0

1.5nm,0.8s,baz=236,slow=5.5,SNR=3.5

ISN 04 20:04:05.0±4.0, 37.66N:49.71E, h0km, ML4.9

IDC 04 20:04:09.0±0.7, 37.49N:49.68E, h0km, mb4.5/21, mb1 4.5/31, mb1mx4.3/86, mbtmp4.5/31, ML4.4/9, Error ellipse: s-maj=15.1km s-min=8.6km az=5.0

THR 04 20:04:11.9±1.1, 37.72N:49.73E, h14km, 10km, ML4.5

BUJ 04 20:04:11.8±0.7, 37.60N:49.70E, h34km, mb4.6/30, mb5.1/18, Ms4.6/14, Ms7.4/31.5

MOS 04 20:04:13.9±1.2, 37.68N:49.76E, h44km, mb4.9/12, Error ellipse: s-maj=6.3km s-min=3.2km az=124.0

TEH 04 20:04:14.6±0.0, 37.70N:49.72E, h45km, ML4.5

NEIC 04 20:04:14.6±0.0, 37.70N:49.72E, h45km, mb4.8/41, MN4.5(TEH), After TEH.

ISCJB 04 20:04:15.2±0.2, 37.68N:0.01:49.68E:0.02, h59km±2km, mb4.7/67, MS4.2/2, Error ellipse: s-maj=3.1km s-min=1.9km az=141.7

CSEM 04 20:04:16.4±0.1, 37.66N:49.67E, h55km±1km, mb4.8/40, Error ellipse: s-maj=2.9km s-min=1.9km az=48.0

NNC 04 20:04:18.7±1.5, 36.39N:36.6E, h0km, mb4.0/pv5.1, Error ellipse: s-maj=18.5km s-min=10.7km az=24.0

ISC 04 20:04:14.3±0.5, 37.69N:0.03:49.72E:0.03, h36km±2km, n449, c2806/513, mb4.7/68, 73C-47D, Caspian Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ASTR Astara, LKRN Lenkeran, AZER Lenkeran, ZNJUK Zanjan, IGZV Ghazvin, IGZV IGZV, IGZV LRK, LRK LRK, GRMI Germi, GRMI Germi, GLBA Cillabaz, GLBA GLBA, THKV Tehran-Karaj, THKV Tehran-Karaj, THKV THKV, CHTH Charan, CHTH Charan, IMHD Mahdasht, IMHD Mahdasht, IMHD Mahdasht, IHRH Heris, IHRH Heris, IBST Bostanabad, IBST Bostanabad, IIRAZ Razeqhan, IIRAZ Razeqhan, ALIB Alibay, ALIB Alibay, ALIB Alibay, TEH Tehran, TEH Tehran, SAAT Saaty, SAAT Saaty, IPRN Peran, IPRN Peran, IPRN Peran, IRS Iran Long-Peri, IRS Iran Long-Peri, IRS Iran Long-Peri, GOBA Gobu, GOBA Gobu, GALA Gala, GALA Gala, DAMAVAND Damavand, DAMAVAND Damavand, ITBZ Tabriz, ITBZ Tabriz, NDR Nardaran, NDR Nardaran, GBS Gobshtan, GBS Gobshtan, KDMR Kurdemir, KDMR Kurdemir, IADLA Alasht, IADLA Alasht, ZRD Zardab, ZRD Zardab, IVRN Varamin, IVRN Varamin, IVRN Varamin, ASAO Ashtian, ASAO Ashtian, IFIR Firuzkooch, IFIR Firuzkooch, IFIR Ordubad, IFIR Ordubad, ORD Ordubad, ORD Ordubad, PQL Pirkulu, PQL Pirkulu, POL Pol, POL Pol, ATGJ Altighaj, ATGJ Altighaj, ATGJ Altighaj, ISHB Shabestar, ISHB Shabestar, ISHB Shabestar, IML Ismayilli, IML Ismayilli, IML Ismayilli, IMRD Marand, IMRD Marand, IMRD Marand, ISHM Shahrizad, ISHM Shahrizad, ISHM Shahrizad, ISHM Siyaz, ISHM Siyaz, SIZA Siza, SIZA Siza, GHVR GHOM, GHVR GHOM, GHVR GHOM, IGLG Ghaloghah, IGLG Ghaloghah, IGLG Ghaloghah, IGLO Galaba, IGLO Galaba, QBL Gabala, QBL Gabala, QBL Gabala.

NAX Nakhchivan 3.63 295 P Pn 20 05 11.7 +3.6

NAX Nakhchivan 3.63 295 P Pn 20 05 11.7 +3.6

SBZ Shahbaz 3.69 299 fP Pn 20 05 12.4 +3.6

XNQ Khinaliq 3.69 341 fP Pn 20 05 10.3 +1.3

XNQ Khinaliq 3.69 341 fP Pn 20 05 10.3 +1.3

MNGR Mingechevir, A 3.70 327 P Pn 20 05 11.0 +2.1

MNGR Mingechevir, A 3.70 327 P Pn 20 05 11.0 +2.1

MNGR QUBA, Azerbaiz 3.78 346 fP Pn 20 05 54.0 +2.8

QUBA QUBA, Azerbaiz 3.92 217 eP Pn 20 05 55.2 +1.8

IVIS IVIS 3.92 217 eP Pn 20 05 14.2 +1.2

IVIS IVIS 3.92 217 eP Pn 20 05 28.1

IVIS IVIS 3.92 217 eP Pn 20 05 14.2 +2.1

KHMY Khomeyni 3.95 177 eP Pn 20 05 14.6 +2.0

KHMY Khomeyni 3.95 177 eP Pn 20 05 14.6 +2.0

GANJ Ganja 3.96 319 P Pn 20 05 13.6 +1.0

GANJ Ganja 3.96 319 P Pn 20 05 13.7 +1.1

GANJ Ganja 3.96 319 P Pn 20 05 13.6 +1.0

GANJ Qusar 3.98 344 fP Pn 20 05 57.9 +0.1

QUSAR Qusar 3.98 344 fP Pn 20 05 57.2 +2.3

QUSAR Qusar 3.98 344 fP Pn 20 05 57.9 +0.1

IDHR Dehrash 4.02 223 eP Pn 20 05 15.9 +2.4

IDHR Dehrash 4.02 223 eP Pn 20 05 15.9 +2.4

SEKA SEKA 4.02 332 P Pn 20 05 14.8 +1.3

SEKA SEKA 4.02 332 P Pn 20 05 14.8 +1.3

SEKA SEKA 4.02 332 P Pn 20 06 00.0 +0.7

ANJN Anjilo 4.04 122 eP Pn 20 05 16.2 +2.4

ANJN Anjilo 4.04 122 eP Pn 20 05 16.2 +2.4

ANJN Akhty 4.09 339 P Pn 20 05 16.3 +1.9

ANJN Akhty 4.09 339 P Pn 20 06 02.4 +1.4

ANJN Akhty 4.09 339 P Pn 20 05 16.3 +1.9

AKT Akhty 4.16 160 eP Pn 20 06 02.4 +1.4

AKT Akhty 4.16 160 eP Pn 20 05 17.6 +2.1

AKT Akhty 4.16 160 eP Pn 20 06 02.4 +1.4

GHMS Ghamsar 4.31 300 fP Pn 20 05 21.4 +4.0

GHMS Ghamsar 4.31 300 fP Pn 20 05 21.4 +4.0

GDB GEDABAY 4.32 316 fP Pn 20 05 19.6 +2.0

GDB GEDABAY 4.32 316 fP Pn 20 05 19.6 +2.0

GDB GDB 4.59 304 fP Pn 20 06 08.9 +2.1

GDB GDB 4.59 304 fP Pn 20 05 24.6 +3.2

GDB GDB 4.59 304 fP Pn 20 06 08.9 +2.1

GNI GNI 4.59 304 P Pn 20 06 37.4

GNI GNI 4.59 304 P Pn 20 06 37.4

GNI GNI 4.59 304 P Pn 20 05 24.0 +2.6

GNI GNI 4.59 304 P Pn 20 05 24.0 +2.6

GNI GNI 4.59 304 P Pn 20 05 24.3 +2.9

GNI GNI 4.59 304 P Pn 20 05 23.4 +1.9

GNI GNI 4.59 304 P Pn 20 05 23.4 +1.9

IKHL Kolahrood 4.62 160 eP Pn 20 05 23.7 +1.9

IKHL Kolahrood 4.62 160 eP Pn 20 05 23.7 +1.9

IKHL IKHL 4.62 160 eP Pn 20 05 23.7 +1.9

IKHL IKHL 4.62 160 eP Pn 20 05 23.7 +1.9

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IKHL IKHL 4.62 160 eP Pn 20 05 23.7 +1.9

IKHL IKHL 4.62 160 eP Pn 20 05 23.7 +1.9

IKHL IKHL 4.62 160 eP Pn 20 05 23.7 +1.9

4d 20h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ESK Eskdalemuir, TLY Talaya, TAM Tamanrasset, etc.

PGC 04 20:05:27.0 0.0, 48.60N:128.21W, h10km, MLSn5.0/17, Mv5.4, 178km Wsw of Tofino, Bc Vancouver Island, Canada Region.
MOS 04 20:05:29.5 1.0, 48.83N:127.95W, h12km, mb5.5/67, MS5.3/46, Error ellipse: s-maj=6.6km s-min=3.3km az=110.8
IDC 04 20:05:29.1 0.4, 48.88N:127.93W, h0km, mb4.8/43, mb1 4.9/51, mb1mx4.8/87, mbtmp4.8/51, ML4.3/7, MS5.2/56, Ms1 5.2/56, ms1mx5.1/67, Error ellipse: s-maj=12.7km s-min=7.1km az=49.0
ISC/JB 04 20:05:30.2 0.1, 48.85N:0.101:127.91W:0.02, h15km, mb5.3/267, MS5.3/209, Error ellipse: s-maj=2.1km s-min=1.2km az=138.7
BJJ 04 20:05:31.8, 49.55N:128.31W, h10km, mb5.0/51, mb5.6/52, Ms5.7/66, Ms7 5.4/63
GCMT 04 20:05:31.7 0.1, 48.66N:128.17W, h12km, MW5.7/139, Moment Tensor Solution. s110,c191; s139,c368; Duration: 1s6 Moment tensor: Scale 1017Nm; Mn:0.35±.03; Mxx:1.95±.04; Myy:2.31±.04; Mzz:1.4±.03; Mxy:-2.94±.03; Myz:0.14±.09; Best double couple: Mc3.63600x1017 NP1.198.00000, s88.00000, lambda-3.00000. NP2.288.00000, s87.00000, lambda-178.00000. Principal axes: T 3.8110, P1g1.0000, Azm243.0000; N 0.3400, P1g57.0000; Azm347.0000; P1 3.4810, P1g3000.2; Azm153.0000; nsta1 7.0000 to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.
NEIC 04 20:05:31.7 0.5, 48.89N:127.91W, h15km, mb5.5/257, MS5.3/128, MW5.6, MW5.4(OTT) Error ellipse: s-maj=2.8km s-min=1.3km az=48.0
NEIC Felt [I] at Nanaimo, Vancouver and Victoria. Also felt at Courtenay, Gold River, Port Alberni, Powell River and Ucluelet. Felt [II] at Bellinham, Washington. Also felt at Aberdeen, Arlington, Bothell, Greenbank, Lopez Island, Mount Vernon, Port Angeles, Seattle, Sedro Woolley and Snohomish.
NEIC 04 20:05:32.0 0.0, 48.87N:128.03W, h15km, Moment Tensor Solution. s24 Moment tensor: Scale 1017Nm; Mn:0.01; Mxx:-1.49; Myy:1.49; Mzz:0.68; Mxy:-2.46; Myz:0.78;

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like NCR89 ODP889, NCR27 ODP1027, NCR NEPTUNE Canada, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like K05A Summer Lake, F10A Beach Ranch, YBH Yreka Blue Hor, etc.

TPNV	Topopah Spring	14.60 139	eP	P	20 08 58.7	-4.0
TPNV	Topopah Spring	14.60 139	eP	P	20 08 58.7	-4.0
MPU	Maple Canyon	14.61 120	ePn	P	20 08 58.2	-4.7
DAC	Darwin (Calif)	14.62 144	eP	P	20 08 58.9	-4.1
DAC	Darwin (Calif)	14.62 144	eP	P	20 08 58.9	-4.1
SMMC	Simmons	14.66 153	P	P	20 08 59.8	-3.5
FURC	Furnace Creek, baz=329	14.75 142	P	P	20 09 00.5	-3.7
ISA	Isabella, Lake baz=334	14.84 148	P	P	20 09 02.3	-3.1
ISA	Isabella, Lake	14.84 148	eP	P	20 09 01.4	-3.9
ISA	Isabella, Lake	14.84 148	ePn	P	20 09 01.4	-3.9
MPMC	Manual Prospec baz=331	14.85 144	P	P	20 09 01.9	-3.7
LAO	LASA Array baz=285	14.87 90	P	Pn	20 08 57.9	-1.7
LAO	LASA Array	14.87 90	ePn	Pn	20 08 57.5	-2.1
RAGM	Ragged Mountai 650nm, 1.3s	15.09 327	ePn	P	20 09 03.0	+0.6
PKM	Mpchspon Peak baz=338	15.11 153	P	P	20 09 05.7	-2.8
ARVC	Arvin baz=336	15.21 150	P	P	20 09 06.8	-2.5
LRMC	Laurel Mtn Rad baz=333	15.29 146	P	P	20 09 08.2	-2.2
TMUT	Trail Mountain 576nm, 2.0s	15.34 122	ePn	P	20 09 07.2	-3.9
MSU	Marysvalle	15.36 126	eP	P	20 09 08.3	-2.9
MSU	Marysvalle	15.36 126	eP	P	20 09 08.3	-2.9
SHPR	Sheep Range 645nm, 1.7s	15.45 137	ePn	P	20 09 09.3	-2.9
CCUT	Cedar City 287nm, 1.6s	15.46 131	ePn	P	20 09 08.9	-3.5
BMRM	Bremner River 482nm, 1.3s	15.47 329	ePn	P	20 09 08.0	-4.1
SHOC	Shoshone, Teco baz=329	15.48 141	P	P	20 09 10.3	-2.0
P17A	Butcher Ranch, 800nm, 1.9s	15.49 120	ePn	P	20 09 09.3	-3.3
SBC	Santa Barbara baz=339	15.56 153	P	P	20 09 11.8	-1.3
SZCU	Shurtz Canyon 108nm, 1.1s	15.57 130	ePn	P	20 09 09.9	-3.6
EYAK	Cordova Ski Ar 226nm, 1.1s	15.59 326	ePn	P	20 09 09.5	-3.9
Q16A	Castle Valley 333nm, 1.5s	15.62 122	ePn	P	20 09 11.3	-2.8
P18A	Preston Nutter 630nm, 1.7s	15.67 119	ePn	P	20 09 11.9	-2.9
MTPU	Mount Pierson 285nm, 1.6s	15.70 127	ePn	P	20 09 11.9	-3.3
OSI	Osito Audit: C baz=336	15.71 150	P	P	20 09 13.0	-1.9
OSI	Osito Audit: C 1um, 1.6s	15.71 150	ePn	P	20 09 12.5	-2.4
EDW2	Edwards Air Fo baz=334	15.71 148	P	P	20 09 13.1	-1.9
YKA	Yellowknife Ar 1.2nm, 0.3s, baz=213, slow=12, SNR=167	15.73 24	Pn	Pn	20 09 08.0	-2.8
YKA	comp=Z, 555nm, 20.8s, baz=180, slow=40		LR		20 15 55.5	
YKA	Yellowknife Ar	15.73 24	P	Pn	20 09 08.0	-2.8
YKA	Yellowknife Ar	15.73 24	Pn	Pn	20 09 08.0	-2.8
YKWS	Yellowknife Ar 193nm, 1.1s	15.78 23	ePn	P	20 09 09.6	-2.0
GSC	Goldstone, Bar baz=331	15.78 144	P	P	20 09 14.8	-1.0
GSC	Goldstone, Bar	15.78 144	eP	Pmax	20 09 14.1	-1.7
GSC	comp=Z, 946nm, 1.8s		Pmax			
GSC	Goldstone, Bar	15.78 144	ePn	P	20 09 14.1	-1.7
DGMT	Dagmar baz=280	15.81 82	P	Pn	20 09 09.7	-2.4
SRU	San Rafael Swe	15.86 121	eP	Pmax	20 09 13.7	-3.0
SRU	comp=Z, 417nm, 1.5s		P			
SRU	San Rafael Swe	15.86 121	ePn	P	20 09 13.7	-3.0
SRU	comp=Z, 417nm, 1.5s		P			
LCMT	Little Creek M comp=Z, 280nm, 1.3s	15.94 132	ePn	P	20 09 15.0	-2.6
DIV	Divide comp=Z, 290nm, 1.1s	15.99 328	ePn	P	20 09 14.3	-3.6
FID	Port Fidalgo comp=Z, 480nm, 1.4s	15.99 326	ePn	P	20 09 15.2	-2.6
SCZ2	Santa Cruz Isl baz=339	16.00 154	P	P	20 09 16.3	-1.8
TUQ	Turquoise Moun baz=329	16.02 141	P	P	20 09 17.8	-0.7
BLG	Laguna Peak, P baz=338	16.06 152	P	P	20 09 17.6	-1.2
MMU	Miners Mountai 16.07 125	ePn	P	20 09 17.6	-1.5	
PKCU	Pink Cliffs	16.08 129	ePn	P	20 09 18.7	-0.7
RRX	Edison Barstow baz=332	16.09 145	P	P	20 09 18.9	-0.2
DECC	Green Verdugo baz=336	16.17 150	P	P	20 09 18.6	-1.4
K22A	Casper baz=299	16.23 104	P	P	20 09 17.6	-3.2
K22A	Casper	16.23 104	ePn	P	20 09 17.2	-3.5
RWWY	Rawlins comp=Z, 270nm, 1.2s	16.28 108	ePn	P	20 09 18.7	-2.8
MWC	Mount Wilson	16.29 149	eP	Pmax	20 09 19.9	-1.6
MWC	comp=Z, 466nm, 1.4s		Pmax			
MWC	Mount Wilson	16.29 149	ePn	P	20 09 19.9	-1.6
MWC	comp=Z, 466nm, 1.4s		P			
KLU	Klutina	16.29 328	ePn	P	20 09 18.7	-2.6
PASC	Pasadena Art C comp=Z, 557nm, 1.4s	16.29 149	ePn	P	20 09 20.2	-1.1
HEC	Hector, Ludlow baz=331	16.38 143	P	P	20 09 22.1	-0.3
BFSC	Mount Baldy Ra baz=334	16.41 148	P	P	20 09 22.1	-0.7
O20A	White River Ci baz=307	16.54 114	P	P	20 09 21.4	-2.8
O20A	White River Ci	16.54 114	ePn	P	20 09 23.2	-1.1
DAWY	Dawson comp=Z, 477nm, 1.3s	16.57 342	ePn	P	20 09 22.6	-1.8
BBRO	Big Bear Solar baz=333	16.66 146	P	P	20 09 24.8	-0.9
LDFC	Landfair comp=Z, 708nm, 1.4s	16.67 140	ePn	P	20 09 24.7	-1.0
MENT	Mentasta comp=Z, 466nm, 1.4s	16.67 335	ePn	P	20 09 23.6	-1.8
GMRC	Granite Mounta baz=330	16.69 142	P	P	20 09 25.0	-0.9
HARP	HAARP comp=Z, 468nm, 1.2s	16.70 332	ePn	P	20 09 24.7	-1.0
SNCC	San Nicolas Is baz=340	16.73 154	P	P	20 09 25.2	-1.0
SNCC	San Nicolas Is	16.73 154	ePn	P	20 09 25.2	-1.0
SEW	Seward comp=Z, 550nm, 1.3s	16.78 321	ePn	P	20 09 24.1	-2.5
U15A	North Rim comp=Z, 283nm, 1.3s	16.88 131	ePn	P	20 09 27.4	-0.7
CIS	Catalina Islan baz=337	16.92 151	P	P	20 09 28.2	-0.2
SCM	Sheep Creek M 17.02 328	eP	Pmax	20 09 27.9	-1.4	
SCM	comp=Z, 2um, 1.6s		Pmax			
SCM	Sheep Creek Mo comp=Z, 2um, 1.6s	17.02 328	ePn	P	20 09 27.9	-1.4
PV09	Paradox Valley	17.07 120	ePn	P	20 09 29.9	-0.4
NEE2	Needles Airpor baz=338	17.14 139	P	P	20 09 31.2	+0.5
KDAK	Kodiak Island	17.15 311	P	P	20 09 29.4	-1.3
KDAK	comp=Z, 0.3nm, 0.3s, baz=123, slow=8.0, SNR=5.0		LR		20 14 23.3	
KDAK	Kodiak Island	17.15 311	eP	Pmax	20 09 29.2	-1.5
KDAK	comp=Z, 431nm, 1.4s		Pmax			
KDAK	Kodiak Island	17.15 311	ePn	P	20 09 29.2	-1.5
MURC	Murrieta baz=335	17.15 148	P	P	20 09 31.9	+0.1
W13A	Hualapai Mount comp=Z, 474nm, 1.9s	17.19 137	ePn	P	20 09 31.6	+0.1
RSSD	Black Hills baz=294	17.19 96	P	P	20 09 30.8	-0.7

RSSD	Black Hills	17.19 96	eP	P	20 09 29.5	-2.0
RSSD	comp=Z, 128nm, 0.8s		Pmax			
RSSD	Black Hills	17.19 96	ePn	P	20 09 29.5	-2.0
PV10	Paradox Valley	17.20 120	ePn	P	20 09 31.8	0.0
PAX	Paxson	17.21 333	eP	Pmax	20 09 30.8	-0.7
PAX	comp=Z, 419nm, 1.4s		Pmax			
PAX	Paxson	17.21 333	ePn	P	20 09 30.8	-0.7
FFC	Flin Flon	17.21 60	eP	Pn	20 09 24.6	-5.2
FFC	comp=Z, 418nm, 1.4s		Pmax			
FFC	Flin Flon	17.21 60	ePn	Pn	20 09 24.6	-5.2
FFC	comp=Z, 866nm, 1.1s		Pmax			
BRLK	Bradley Lake	17.22 319	ePn	P	20 09 31.2	-0.3
BELC	Belle Mtn. Jos	17.24 144	P	P	20 09 32.8	+0.7
CNPM	China Pool	17.25 318	ePn	P	20 09 31.5	-0.3
SCi2	San Clemente I	17.27 152	P	P	20 09 33.0	+0.9
OHAK	Old Harbor	17.32 309	ePn	P	20 09 32.3	-0.2
DOT	Dot Lake	17.33 336	ePn	P	20 09 32.2	-0.4
SMT	Sawmill	17.36 327	eP	Pmax	20 09 31.6	-1.5
SML	comp=Z, 459nm, 1.3s		Pmax			
SML	Sawmill	17.36 327	ePn	P	20 09 31.6	-1.5
PV05	Paradox Valley	17.38 121	ePn	P	20 09 33.9	+0.3
PFO	Pinyon Flats O	17.41 146	P	P	20 09 35.0	+1.2
PFO	Pinyon Flats O	17.41 146	eP	Pmax	20 09 34.5	+0.6
PFO	comp=Z, 240nm, 1.5s		Pmax			
PFO	Pinyon Flats O	17.41 146	ePn	P	20 09 34.5	+0.6
XPFO	Pinyon Flat	17.41 146	ePn	P	20 09 34.5	+0.6
IRM	Iron Mountain baz=330	17.45 142	P	P	20 09 35.0	+0.8
RC01	Rabbit Creek A	17.45 323	ePn	P	20 09 34.3	+0.2
N23A	Red Feather La baz=304	17.52 108	P	P	20 09 33.5	-1.7
N23A	Red Feather La	17.52 108	ePn	P	20 09 34.4	-0.8
PMR	Palmer	17.52 325	eP	Pmax	20 09 35.3	+0.5
PMR	comp=Z, 348nm, 1.4s		Pmax			
PMR	Palmer	17.52 325	ePn	P	20 09 35.3	+0.5
EGAK	Eagle	17.57 341	ePn	P	20 09 35.0	-0.3
PHWY	Pilot Hill	17.60 106	ePn	P	20 09 35.0	-1.2
PV01	Paradox Valley, 1.1s	17.64 120	ePn	P	20 09 36.3	-0.2
PMDCI	Parker Dam, Lak	17.75 139	P	P	20 09 38.8	+1.4
BC3	Big Chuckwall baz=328	17.76 143	P	P	20 09 39.2	+1.5
109C	Camp Elliot, M baz=335	17.83 148	P	P	20 09 40.2	+1.9
DHY	Denali Highway	17.89 331	ePn	P	20 09 39.5	+0.6
SMCO	Snowmass	17.90 114	ePn	P	20 09 40.6	+1.1
SMCO	comp=Z, 227nm, 1.2s		Pmax			
WUAZ	Wupatki	18.05 131	P	P	20 09 41.8	+0.8
WUAZ	comp=Z, 206nm, 1.3s		Pmax			
WUAZ	Wupatki	18.05 131	ePn	P	20 09 41.8	+0.8
Y12C	Blythe	18.05 141	P	P	20 09 42.9	+2.0
Y12C	Blythe	18.05 141	ePn	P	20 09 42.5	+1.7
SUA	Susitna One	18.07 323	ePn	P	20 09 41.7	+0.8
SUA	comp=Z, 260nm, 1.5s		P			
SUA	Susitna One	18.07 323	eS	P	20 13 12.5	+4.2
MONP2	Monument Peak baz=334	18.07 147	P	P	20 09 43.0	+1.7
BAR	Barrett	18.17 148	ePn	P	20 09 43.7	+1.5
BAR	Barrett	18.17 148	eS	P	20 13 14.0	+3.4
SWSC	San W. Stewart baz=333	18.25 145	P	P	20 09 45.0	+2.0
MVCO	Mesa Verde baz=315	18.32 122	P	P	20 09 44.8	+0.8
MVCO	Mesa Verde	18.32 122	ePn	P	20 09 44.5	+0.5
ISCO	Idaho Springs	18.35 111	P	P	20 09 43.5	-0.9
ISCO	comp=Z, 476nm, 1.4s		Pmax			
ISCO	Idaho Springs	18.35 111	eP	P	20 09 44.4	0.0
ISCO	comp=Z, 163nm, 1.3s		Pmax			
IKP	In-Ko-Pah, Jac	18.40 142	P	P	20 09 47.1	+2.4
SPU	Mount Spurr	18.44 326	eP	Pn	20 09 45.5	+0.5
SPU	comp=Z, 333nm, 1.1s		eSn			
GLA	Glamis	18.54 143	P	P	20 09 48.3	+2.0
GLA	comp=Z, 331nm, 1.1s		Pmax			
GLA	Glamis	18.54 143	eP	Pmax	20 09 47.6	+1.3
GLA	comp=Z, 157nm, 0.9s		Pn			
GLA	Glamis	18.54 143	eP	Pn	20 09 47.6	+1.3
Y14A	Wickenburg	18.56 137	eP	Pn	20 09 48.8	+2.2
RND	Reindeer	18.60 330	eP	Pn	20 09 48.5	+1.6
RND	comp=Z, 836nm, 1.2s		Pmax			
RND	Reindeer	18.60 330	eP	Pn	20 09 48.5	+1.6
HDA	Harding Lake	18.73 334	eP	P	20 09 50.1	+1.7
MCK	McKinley	18.85 331	eP	Pn	20 09 51.2	+1.3
MCK	comp=Z, 1um, 1.4s		Pmax			
MCK	McKinley	18.85 331	ePn	P	20 09 51.2	+1.3
MCK	comp=Z, 1um, 1.4s		S			
X16A	Lo Mia Camp, P	18.89 133	eP	Pn	20 13 22.6	-1.4
S22A	4UR Ranch, Cre	18.92 117	P	Pn	20 09 51.6	+0.4
S22A	4UR Ranch, Cre	18.92 117	eP	P	20 09 53.1	+1.9
MDND	Maddock	18.95 82	P	Pn	20 09	

ECSD	EROS Data Cent comp=Z,284nm,1.0s	22.25	91	eP	P	20 10 26.5	0.0
ECSD					LR	LR	
BGNE	Belgrade comp=Z,9um,21.0s	22.28	98	P	P	20 10 28.3	+1.5
BGNE	Belgrade comp=Z,340nm,0.9s	22.28	98	eP	P	20 10 27.6	+0.9
G34A	Benson baz=290	22.33	87	P	P	20 10 27.2	0.0
F34A	Alexandria baz=289	22.39	85	P	P	20 10 27.2	-0.7
319A	Douglas comp=Z,629nm,1.5s	22.42	134	eP	P	20 10 30.4	+2.0
H34A	Spellman Lake, baz=292	22.44	88	P	P	20 10 28.8	+0.3
K33A	Hardington baz=295	22.48	94	P	P	20 10 29.4	+0.5
L33A	Hoskins baz=297	22.50	95	P	P	20 10 29.4	+0.3
FALS	False Pass comp=Z,755nm,1.4s	22.52	299	eP	P	20 10 31.6	+2.5
I34A	Hadley baz=293	22.63	90	P	P	20 10 30.3	-0.2
CBKS	Cedar Bluff baz=295	22.63	105	P	P	20 10 30.6	+0.1
CBKS	Cedar Bluff comp=Z,376nm,1.4s	22.63	105	eP	pmax	20 10 32.6	+2.1
CBKS					MLR	MLR	
CBKS					LR	LR	
B35A	Bob, Littlefor baz=284	22.66	78	P	P	20 10 29.4	-1.3
C35A	Jirik Farms, M baz=285	22.66	80	P	P	20 10 29.8	-1.0
E35A	Pequot Lakes baz=288	22.71	83	P	P	20 10 30.8	-0.5
D35A	Remer baz=286	22.78	81	P	P	20 10 32.6	+0.5
F35A	Swanville baz=289	22.82	84	P	P	20 10 33.2	+0.7
M33A	Taylor Creek F baz=298	22.83	97	P	P	20 10 33.8	+1.2
J34A	George baz=295	22.87	92	P	P	20 10 33.1	0.0
K34A	Le Mars baz=296	23.04	93	P	P	20 10 36.0	+1.3
H35A	Sunnyside Ranc baz=292	23.06	87	P	P	20 10 35.1	+0.2
N33A	J Bar K, Exete baz=300	23.07	99	P	P	20 10 37.2	+2.1
G35A	Watkins baz=291	23.10	86	P	P	20 10 35.5	+0.1
L34A	Svendsen Farm, baz=298	23.18	95	P	P	20 10 36.9	+0.7
M34A	Aspy Farms, Fr baz=299	23.26	96	P	P	20 10 38.3	+1.2
I35A	Creekview Farm baz=294	23.28	89	P	P	20 10 37.2	-0.1
O33A	Hebron baz=302	23.33	100	P	P	20 10 38.7	+1.0
J35A	Milford baz=295	23.34	91	P	P	20 10 37.8	0.0
D36A	Goodland baz=286	23.34	80	P	P	20 10 37.4	-0.3
C36A	Pine Crest Far baz=295	23.39	79	P	P	20 10 37.7	-0.6
E36A	McGregor baz=288	23.47	82	P	P	20 10 39.7	+0.5
EPT	El Paso comp=Z,230nm,1.1s	23.49	128	eP	P	20 10 41.2	+1.7
F36A	Milaca baz=289	23.51	84	P	P	20 10 39.6	+0.1
G36A	St. Michael baz=291	23.58	85	P	P	20 10 40.8	+0.6
K35A	Storm Lake baz=296	23.59	92	P	P	20 10 41.2	+0.8
N34A	Lincoln baz=300	23.64	98	P	P	20 10 41.6	+0.7
L35A	Blow Farm, R baz=297	23.66	94	P	P	20 10 41.6	+0.6
HSIG		23.66	140	eP	P	20 10 42.8	+1.7
H36A	Jessenland, He baz=292	23.70	87	P	P	20 10 41.7	+0.4
C37A	Embarrass baz=286	23.82	79	P	P	20 10 43.0	+0.5
D37A	Cotton baz=287	23.82	80	P	P	20 10 42.0	-0.6
O34A	Beatrice baz=301	23.85	99	P	P	20 10 44.1	+1.2
I36A	Fitzsimmons Fa baz=293	23.86	88	P	P	20 10 43.2	+0.3
M35A	Neola baz=298	23.87	95	P	P	20 10 43.8	+0.8
MSTX	Muleshoe baz=315	23.90	119	P	P	20 10 44.8	+1.3
MSTX	Muleshoe comp=Z,359nm,1.5s	23.90	119	eP	P	20 10 44.8	+1.3
AMTX	Amarillo baz=313	23.91	115	P	P	20 10 44.9	+1.4
AMTX	Amarillo comp=Z,285nm,1.1s	23.91	115	eP	P	20 10 44.6	+1.1
J36A	Geneca 1, Swea baz=295	23.93	90	P	P	20 10 44.9	+0.4
E37A	Wrenshall baz=288	24.02	82	P	P	20 10 44.0	+0.5
P34A	Walnut Farm, R baz=302	24.10	101	P	P	20 10 46.4	+1.1
MNTX	Cornudas Mount baz=321	24.14	126	P	P	20 10 47.9	+2.2
MNTX	Cornudas Mount comp=Z,376nm,1.4s	24.14	126	eP	P	20 10 47.0	+1.3
MNTX					LR	LR	
F37A	Hinrichs Farm, baz=290	24.15	84	P	P	20 10 46.3	+0.7
K36A	Gilmore City baz=296	24.15	92	P	P	20 10 46.2	+0.5
N35A	Tabor baz=300	24.20	97	P	P	20 10 47.5	+1.3
EYMN	Ely baz=285	24.21	78	P	P	20 10 46.4	+0.2
EYMN	Ely comp=Z,217nm,0.8s	24.21	78	eP	P	20 10 46.1	-0.1
EYMN					LR	LR	
L36A	Harm Buss Farm baz=297	24.25	93	P	P	20 10 47.0	+0.4
I37A	Lemond, Waseca baz=293	24.27	88	P	P	20 10 46.8	0.0
O35A	Humboldt baz=301	24.32	98	P	P	20 10 48.8	+1.5
H37A	Dierke Farm, C baz=292	24.37	86	P	P	20 10 49.6	+2.0
Q34A	Chapman baz=304	24.37	102	P	P	20 10 49.4	+1.6
C38A	Sawhill Land, baz=285	24.41	78	P	P	20 10 48.3	+0.2
J37A	Redenius Farm, baz=295	24.45	90	P	P	20 10 49.5	+1.0
M36A	Felix, Anita baz=296	24.46	95	P	P	20 10 50.4	+1.9
KSU1	Kansas State U baz=303	24.48	101	P	P	20 10 50.7	+2.0
KSU1	Kansas State U comp=Z,178nm,0.8s	24.48	101	eP	P	20 10 49.8	+1.1
KSU1					LR	LR	
R34A	Isabella, Hill baz=305	24.52	104	P	P	20 10 50.8	+1.7
F38A	Pierce - Schro baz=290	24.56	83	P	P	20 10 50.7	+1.3
E38A	The Farm, Brul baz=288	24.56	81	P	P	20 10 50.5	+1.1
U37A	Winter Ranch, baz=309	24.57	109	P	P	20 10 51.6	+2.1
K37A	Belmond baz=296	24.63	91	P	P	20 10 51.2	+1.1
P35A	Duane Minner, baz=302	24.64	100	P	P	20 10 51.7	+1.6
SRIG	Santa Rosalia comp=Z,464nm,1.2s	24.64	144	eP	P	20 10 52.3	+2.0

N36A	Muff Farm, Cla baz=300	24.67	96	P	P	20 10 52.5	+2.1
H38A	Maiden Rock baz=292	24.75	86	P	P	20 10 52.9	+1.8
L37A	Phoenix Point, baz=299	24.84	92	P	P	20 10 53.4	+1.4
G38A	Ridgeland baz=291	24.85	84	P	P	20 10 53.1	+1.1
S34A	Willow Spring baz=290	24.96	105	P	P	20 10 55.4	+2.3
I38A	Scanlan Farm, baz=293	24.96	87	P	P	20 10 54.5	+1.5
M37A	Trindle Farm, baz=291	24.98	94	P	P	20 10 55.2	+2.0
Q35A	Mercer Eighty, baz=304	24.99	101	P	P	20 10 55.3	+1.9
O36A	Bolkow baz=296	25.01	98	P	P	20 10 55.2	+1.7
P36A	Good Intent, A baz=302	25.12	99	P	P	20 10 56.3	+1.8
C39A	Grand Marais baz=296	25.13	78	P	P	20 10 55.1	+0.6
J38A	Wedel Dairy, R baz=295	25.16	89	P	P	20 10 56.3	+1.5
R35A	Emporia Munci baz=304	25.19	102	P	P	20 10 57.0	+1.9
N37A	Lee Faris, Mou baz=296	25.19	96	P	P	20 10 57.5	+2.4
F39A	Wedel Loretta baz=290	25.20	82	P	P	20 10 56.3	+1.1
K38A	Parkersburg baz=296	25.26	91	P	P	20 10 57.3	+1.6
G39A	Holcombe baz=291	25.26	84	P	P	20 10 56.9	+1.2
E39A	Mellen baz=288	25.29	81	P	P	20 10 56.7	+0.7
SCIA	State Center baz=297	25.30	92	P	P	20 10 58.1	+2.1
SCIA	State Center comp=Z,257nm,1.1s	25.30	92	eP	P	20 10 57.8	+1.7
SCIA					LR	LR	
Q36A	Arnold C. Orve baz=303	25.31	100	P	P	20 10 58.2	+2.0
T34A	McClaskey Farm baz=307	25.31	106	P	P	20 10 58.3	+2.0
L38A	Oak Wood Farm, baz=297	25.36	92	P	P	20 10 58.0	+1.4
H39A	Augusta baz=292	25.41	85	P	P	20 10 58.6	+1.6
S35A	Otter Creek Ra baz=306	25.48	104	P	P	20 10 59.1	+1.4
O37A	Wolven Farm, M baz=301	25.53	97	P	P	20 10 59.7	+1.5
M38A	Pleasantville baz=298	25.54	93	P	P	20 10 100.2	+1.9
I39A	Houston baz=294	25.57	87	P	P	20 10 100.3	+1.7
R36A	Gordon, Harris baz=304	25.64	102	P	P	20 10 100.7	+1.5
J39A	Decorah baz=295	25.67	88	P	P	20 10 100.4	+0.9
E40A	Wakefield baz=290	25.70	81	P	P	20 10 100.0	+0.3
P37A	Lathrop baz=302	25.70	98	P	P	20 10 100.7	+1.0
F40A	Park Falls baz=299	25.73	82	P	P	20 10 100.9	+0.9
C40A	Isle Royale Na baz=286	25.73	77	P	P	20 10 100.5	+0.5
WMOK	Wichita Mounta baz=312	25.77	112	P	P	20 10 101.9	+1.5
WMOK	Wichita Mounta comp=Z,198nm,1.6s	25.77	112	eP	pmax	20 10 102.1	+1.7
WMOK					MLR	MLR	
WMOK	Wichita Mounta comp=Z,7um,21.0s	25.77	112	eP	P	20 10 102.1	+1.7
WMOK					LR	LR	
T35A	Sooner Cattle baz=307	25.81	105	P	P	20 10 102.2	+1.4
K39A	Oelwein baz=296	25.82	90	P	P	20 10 101.6	+0.8
N38A	Joe South For baz=299	25.82	95	P	P	20 10 101.8	+1.0
G40A	Rib Lake baz=291	25.90	83	P	P	20 10 102.7	+1.1
S36A	Lake Cedric, C baz=305	25.92	103	P	P	20 10 103.1	+1.3
O38A	Galt baz=301	26.00	96	P	P	20 10 103.6	+1.2
U35A	Pawnee baz=301	26.00	107	P	P	20 10 104.2	+1.8
U35A	Pawnee comp=Z,105nm,1.1s	26.00	107	eP	P	20 10 104.3	+1.8
L39A	Vinton baz=297	26.00	91	P	P	20 10 103.1	+0.7
Q37A	Lonview Farm, baz=303	26.01	100	P	P	20 10 105.2	+2.6
H40A	Chili baz=292	26.02	85	P	P	20 10 103.9	+1.3
R37A	Teagarden Farm baz=304	26.08	101	P	P	20 10 104.7	+1.5
T36A	Boggs Farm, Ca baz=306	26.13	104	P	P	20 10 105.0	+1.3
I40A	Norwalk baz=294	26.16	86	P	P	20 10 104.9	+1.0
P38A	Dawn baz=302	26.22	97	P	P	20 10 105.7	+1.3
N39A	Derby Farms, D baz=296	26.26	94	P	P	20 10 106.2	+1.4
J40A	Soldiers Grove baz=295	26.28	87	P	P	20 10 105.8	+0.8
E41A	Kenton baz=288	26.30	80	P	P</		

CCM	Cathedral Cave	28.57	98	P	P	20 11 25.7	+0.2
CCM	Cathedral Cave	28.57	98	eP	pmax	20 11 26.4	+0.9
CCM	Cathedral Cave	28.57	98	eP	P	20 11 26.4	+0.9
Q42A	Golden Eagle	28.57	96	P	P	20 11 25.7	+0.2
W39A	Magazine	28.61	105	P	P	20 11 27.5	+1.6
O43A	Sugar Creek Fa	28.66	92	P	P	20 11 26.9	+0.6
L44A	Lake County Fo	28.69	88	P	P	20 11 27.0	+0.5
R42A	Luebbering	28.74	97	P	P	20 11 27.9	+0.9
E45A	Wooded Hills,	28.80	78	P	P	20 11 28.1	+0.5
T41A	Mountain View	28.80	100	P	P	20 11 27.8	+0.1
SLBS	Sierra La Lagu	28.80	144	eP	P	20 11 29.8	+2.0
F45A	CMU Biological	28.82	80	P	P	20 11 28.4	+0.7
X39A	Fountain Ranch	28.83	107	P	P	20 11 29.0	+1.1
V40A	Witts Springs	28.85	103	P	P	20 11 27.9	-0.2
P43A	Skaggs, Pawnee	28.85	94	P	P	20 11 27.6	-0.5
SLM	Saint Louis	28.91	96	eP	pmax	20 11 30.5	+1.9
SLM	Saint Louis	28.91	96	eP	P	20 11 30.5	+1.9
M44A	Midewin, Midew	28.96	89	P	P	20 11 29.9	+0.8
S42A	Caledonia	29.02	98	P	P	20 11 29.7	+0.1
W40A	Ferguson Farm,	29.07	105	eP	P	20 11 30.0	+1.0
W40A	Ferguson Farm,	29.07	105	eP	P	20 11 30.0	+1.0
Q43A	New Douglas	29.10	95	P	P	20 11 31.5	+1.3
U41A	Viola	29.11	102	P	P	20 11 31.6	+1.2
FVM	French Village	29.14	97	eP	pmax	20 11 31.0	+0.3
FVM	French Village	29.14	97	eP	P	20 11 31.0	+0.3
MIAR	Mount Ida	29.15	106	P	P	20 11 32.2	+1.5
MIAR	Mount Ida	29.15	106	eP	pmax	20 11 32.0	+1.3
MIAR	Mount Ida	29.15	106	eP	MLR	20 11 32.0	+1.3
MIAR	Mount Ida	29.15	106	eP	LR	20 11 32.0	+1.3
N44A	Piper City	29.19	91	P	P	20 11 32.1	+1.0
435B	Jarrell	29.24	117	P	P	20 11 33.7	+2.1
T42A	Van Buren	29.25	100	P	P	20 11 31.3	-0.2
F46A	Macinn City C	29.28	79	P	P	20 11 32.1	+0.3
O44A	Mansfield	29.29	92	P	P	20 11 32.7	+0.8
R41A	Mountainview	29.29	103	P	P	20 11 33.8	+1.8
V43A	Red Bud	29.31	96	P	P	20 11 32.9	+0.8
X301	Greenbrier Sit	29.47	104	eP	P	20 11 34.7	+1.2
M45A	Boilermakers S	29.49	89	P	P	20 11 34.3	+0.6
WHAR	Woolly Hollow	29.51	104	eP	P	20 11 35.0	+1.1
P44A	Sand Creek, Wi	29.54	93	P	P	20 11 34.2	+0.1
U42A	Revendens	29.55	101	P	P	20 11 34.8	+0.5
Q44A	Meyer Farm, Va	29.57	95	P	P	20 11 35.0	+0.6
N45A	Kentland	29.58	90	P	P	20 11 35.0	+0.5
RES	Resolute Bay	29.60	17	P	LR	20 11 34.4	+0.1
RES	Resolute Bay	29.60	17	P	LR	20 11 34.4	+0.1
S43A	Fulton Ridge,	29.60	98	P	P	20 11 36.9	+2.1
W41B	Gary Mavity, V	29.61	104	P	P	20 11 36.8	+2.0
X40A	Basin Creek Fa	29.66	105	P	P	20 11 36.9	+1.6
Y40A	Okolona	29.68	107	P	P	20 11 37.8	+2.4
O45A	Potomac	29.73	91	P	P	20 11 36.9	+1.0
T43A	Greenville	29.74	99	P	P	20 11 37.1	+1.2
V42A	Cord	29.77	102	P	P	20 11 36.6	+0.3
UALR	University of	29.79	104	eP	P	20 11 36.8	+0.4
PBMO	Poplar Bluff	29.82	99	eP	P	20 11 37.0	+0.3
WLAR	White Oak Lake	30.00	107	eP	P	20 11 40.3	+2.1
833A	Chaparral WMA,	30.03	122	P	P	20 11 41.4	+2.9
N46A	Monticello	30.07	89	P	P	20 11 40.4	+1.6
S44A	Carbondale	30.07	97	P	P	20 11 39.9	+1.0
M46A	Old House Fiel	30.08	88	P	P	20 11 40.3	+1.4
U43A	Rector	30.08	100	P	P	20 11 39.9	+1.0
SFIN	Lafayette	30.08	91	P	P	20 11 39.2	+0.2
P45A	Graceland, Par	30.09	92	P	P	20 11 39.8	+0.8
SIUC	Southern Illin	30.09	97	eP	P	20 11 39.8	+0.8
Z40A	Long Farm, Mag	30.09	108	P	P	20 11 41.1	+2.0
Q45A	Warren Harvey,	30.14	94	P	P	20 11 40.7	+1.2
Y41A	Eaglette Beard	30.19	106	P	P	20 11 42.1	+2.2
OLIL	Olney	30.27	94	eP	P	20 11 42.1	+1.5
NATX	Nacogdoches	30.32	112	P	P	20 11 43.5	+2.4
NATX	Nacogdoches	30.32	112	PFAKE	LR	20 11 50.0	+8.9
R45A	Skylar, Fairfri	30.39	95	P	P	20 11 43.0	+1.4
X42A	Stuttgart	30.39	104	P	P	20 11 44.1	+2.4
140A	Cam and Jess,	30.39	109	P	P	20 11 43.7	+2.0
P46A	Rosedale	30.39	92	P	P	20 11 42.9	+1.2
S45A	Carrier Mills	30.53	96	P	P	20 11 43.8	+0.9
Q46A	CEJHS Indians,	30.61	93	P	P	20 11 45.9	+2.3
Y42A	Garnett, Star	30.74	105	P	P	20 11 46.9	+2.1
O47A	Sheridan	30.77	90	P	P	20 11 45.1	+0.1
U44B	Burton Farm, H	30.79	99	P	P	20 11 47.1	+1.9
141A	Papa Simpson,	30.84	108	P	P	20 11 47.7	+2.1
T45A	Paducah	30.86	97	P	P	20 11 46.7	+0.9

X43A	Marvell	30.89	103	P	P	20 11 47.9	+1.7
R46A	Gibson Southern	30.94	94	P	P	20 11 47.2	+0.6
USIN	University of	30.97	95	eP	P	20 11 47.6	+0.8
Z42A	Norrel Spur, H	31.00	106	P	P	20 11 48.5	+1.5
BLO	Bloomington	31.08	92	eP	pmax	20 11 48.9	+1.1
BLO	Bloomington	31.08	92	eP	P	20 11 48.9	+1.1
P47A	Mansfield	31.08	91	P	P	20 11 48.8	+1.0
S46A	Don Dixon Farm	31.09	95	P	P	20 11 49.0	+1.1
U45A	Rockin P Farm,	31.16	99	P	P	20 11 50.7	+2.2
Y43A	Makayla and Ka	31.24	104	P	P	20 11 51.6	+2.4
Q47A	Bedford North L	31.27	92	P	P	20 11 50.6	+1.2
T46A	Princeton	31.34	97	P	P	20 11 50.2	+0.2
X44A	Crenshaw	31.38	103	P	P	20 11 50.1	-0.3
V45A	Humboldt	31.39	100	P	P	20 11 50.5	-0.1
AAM	Ann Arbor	31.44	85	P	P	20 11 49.9	-1.0
AAM	Ann Arbor	31.44	85	eP	pmax	20 11 51.5	+0.6
AAM	Ann Arbor	31.44	85	eP	MLR	20 11 51.5	+0.6
AAM	Ann Arbor	31.44	85	eP	LR	20 11 51.5	+0.6
KVXT	Kingsville	31.47	121	PFAKE	LR	20 12 00.0	+8.7
341A	Kurthwood	31.53	110	P	P	20 11 53.2	+1.4
R47A	Wey Knot Far	31.54	94	P	P	20 11 51.5	-0.3
U46A	Springville	31.54	98	P	P	20 11 52.2	+0.4
W45A	Hickory Valley	31.60	101	P	P	20 11 53.3	+0.9
242A	Grayson	31.67	108	P	P	20 11 54.3	+1.3
Y44A	Strider, Charl	31.67	104	P	P	20 11 54.6	+1.6
143A	Socs Landing,	31.72	107	P	P	20 11 54.8	+1.4
WCI	Wyandotte Cave	31.73	93	P	P	20 11 54.3	+0.8
WCI	Wyandotte Cave	31.73	93	eP	pmax	20 11 53.8	+0.3
WCI	Wyandotte Cave	31.73	93	eP	P	20 11 53.8	+0.3
OXF	Oxford	31.85	102	P	P	20 11 55.4	+0.9
OXF	Oxford	31.85	102	eP	pmax	20 11 55.8	+1.3
OXF	Oxford	31.85	102	eP	P	20 11 55.8	+1.3
T47A	Sharon Grove	31.89	96	P	P	20 11 55.5	+0.6
WVT	Waverly	31.91	98	P	P	20 11 54.8	-0.2
WVT	Waverly	31.91	98	eP	pmax	20 11 55.3	+0.2
WVT	Waverly	31.91	98	eP	P	20 11 55.3	+0.2
V46A	Holladay	31.91	99	P	P	20 11 55.3	+0.2
X45A	UM Field Stati	31.91	102	P	P	20 11 56.3	+1.2
R48A	Norridge Ran	31.92	93	P	P	20 11 55.4	+0.2
Z44A	Pea Ridge, Bel	31.97	105	P	P	20 11 57.4	+1.8
BRCO	Bruce Peninsul	32.05	80	P	P	20 11 56.6	+0.4
U47A	Clarksville	32.08	97	P	P	20 11 57.2	+0.7
Y45A	Yeager Farm, C	32.16	103	P	P	20 11 58.2	+0.9
S48A	Wiedeman Farm,	32.20	94	P	P	20 11 58.6	+1.0
V47A	Nunnely	32.28	98	P	P	20 11 58.2	-0.2
T48A	Bowling Green	32.29	95	P	P	20 11 58.4	+0.0
X46A	Booneville	32.36	101	P	P	20 11 59.4	+0.4
Z45A	Winona	32.38	104	P	P	20 11 59.5	+0.2
PLAL	Pickwick Lake	32.43	100	eP	P	20 12 00.2	+0.5
U48A	Cassie Pea, Po	32.53	96	P	P	20 12 00.8	+0.2
W47A	Westpoint	32.58	99	P	P	20 12 00.9	-0.1
Y46A	Houston	32.60	102	P	P	20 12 01.1	0.0
244A	Avery, Jackson	32.61	107	P	P	20 12 01.4	+0.2
LNIG	Linares	32.69	126	eP	P	20 12 02.5	+0.5
145A	Houston Renro	32.73	105	P	P	20 12 02.2	-0.1
V48A	Smith Brothers	32.80	98	P	P	20 12 02.6	-0.3
X47A	Russellville	32.85	100	P	P	20 12 03.5	+0.1
Z4IG	Zacatecas	32.86	133	eP	P	20 12 05.6	+1.7
ACSO	Alum Creek Sta	32.88	88	P	P	20 12 02.8	-0.8
ACSO	Alum Creek Sta	32.88	88	eP	P	20 12 04.0	+0.4
344A	Westbrook Farm	32.98	108	P	P	20 12 05.1	+0.7
Z46A	Louisville	32.98	103	P	P	20 12 04.7	+0.2
W48A	Pulaski	33.08	99	P	P	20 12 05.4	0.0
245A	Little AP, Sta	33.12	106	P	P	20 12 06.3	+0.5
ACTO	Action	33.22	80	P	P	20 12 06.1	-0.4
Y47A	UCIARC, Winfie	33.24	101	P	P	20 12 07.6	+0.8
146A	Union	33.26	104	P	P	20 12 07.4	+0.4
SADO	Sadova	33.32	78	eP	P	20 12 07.4	+0.1
SADO	Sadova	33.32	78	eP	P	20 12 07.4	+0.1
X48A	Hartselle	33.42	100	P	P	20 12 08.5	

4d 20h

Table with columns: ID, Name, Time, Date, Status, and other details. Includes entries like IP04 Greensprings, N59A State Game Lan, N59A State Game Lan, etc.

2012 FEB

Table with columns: Name, Time, Date, Status, and other details. Includes entries like BBSS BB Station, KBS Kingsbay, MTJD Mount Denham, etc.

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Table with columns: Name, Time, Date, Status, and other details. Includes entries like HORQ Saladito, TUMC Tumaco, RUSC La Rusia, etc.

Table with columns: MAK, MAK, comp-Z, eSS, S, SnSn, 22 03 57.0 +3.2, etc. Lists various stations and their frequencies.

Table with columns: KUU, KUU, comp-Z, SNR, 34.66 24 i P, etc. Lists various stations and their frequencies.

Table with columns: SERG, SERG, comp-Z, SNR, 40.35 310 P, etc. Lists various stations and their frequencies.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Chichijima, Matsuhiro, MJAR, MAJO, MAT, etc.

MAN 04 22:37:15, 12.01N-125.97E, h2km, mb4.5, ML3.4, MS3.3, 1C, Samar

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Borongan, CNP, Ormoc, etc.

NEIC 04 22:43:04.9, 1.2, 56°16'S-27°35'W, h94km, 10km, mb4.8/14, Error ellipse: s-maj=10.4km s-min=6.3km az=48.0

ISCJB 04 22:43:05.1, 0.3, 56°14'S-27°40'W, 0.1, h112km, mb4.8/26, Error ellipse: s-maj=11.7km s-min=6.8km az=147.0

IDC 04 22:43:06.1, 4.8, 56°17'S-27°45'W, h104km, 10km, mb4.3/10, mb1.4/4.1, mb1mx4.1/2.7, mbtp4.7/1.1, MS4.0/4, Ms1.3/9.4, ms1mx3.5/2.5, Error ellipse: s-maj=22.7km s-min=14.6km az=58.0

ISC 04 22:43:06.7, 0.4, 56°21'S-27°09'W, 0.2, h112km, n92, o127/95, mb4.8/25, 2C, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Hope Point, HOPE.

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Neumayer-Stat, SNAIA, SNAAS, etc.

Table with columns: TRF, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Thorfare Moun, COLD.

DJA 04 22:45:42.8, 0.8, 3°S-7°13'8"E, h10km, M4.1/4, MLv4.1/4, Irian Jaya

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Sarmi, GENI, JAY, RKPI.

ISCJB 04 22:46:19.9, 9.0, 4.24°34'N-102°122'63"E, 0.02, h54km, 6km, Error ellipse: s-maj=3.7km s-min=2.5km az=0.5

JMA 04 22:46:19.8, 0.1, 24°34'N-122°61'E, h56km, 2km, M2.9

TAP 04 22:46:20.0, 24°36'N-122°61'E, h52km, ML3.3, B

ISC 04 22:46:20.4, 1.2, 24°34'N-102°122'62"E, 0.02, h51km, 9km, n75, o985/133, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like YJNG, YONG, YOJ, EOS1, ENAH, etc.

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

4d 22h

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

SKO 04 22:52:52.4, 42°58'N; 19.75E, h15km, M2.5, ML2.9
THE 04 22:53:03.8, 42°06'N; 20.45E, h10km, 7km, ML2.8/4, Error ellipse: s-maj=10.6km s-min=1.0km az=14.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters for stations in Albania.

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Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters for stations in Kosovo and the Balkans.

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Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters for stations in the Balkans and surrounding regions.

ISCJB 04 22:53:48.7, 0.4, 56°11'S; 0.06; 27.3W; 0.2, h112km, mb4.4/15, Error ellipse: s-maj=14.2km s-min=8.4km az=162.6
IDC 04 22:53:50.1, 2.6, 56°21'S; 27°52'W, h110km, Error ellipse: s-maj=23.2km s-min=16.5km az=67.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters for stations in the South Sandwich Islands region.

Table with columns for station call letters, frequency, and other technical details. Includes stations like YAK, SEY, SONI, BOD, H1N1, etc.

Table with columns for station call letters, frequency, and other technical details. Includes stations like KURK, KURK, KURK, KURBB, etc.

Table with columns for station call letters, frequency, and other technical details. Includes stations like KIV, WALA, BMO, JMTM, etc.

Table with columns: RPZ, Rate Peaks, 50.15 145 P, P, 00 14 52.7 +2.0, etc. Lists various stations and their associated data points.

Table with columns: KSH, comp=Z,310nm,8.2s, LR, LR, etc. Lists various stations and their associated data points.

Table with columns: KEST, comp=Z,6.0nm,0.9s, baz=62,slow=1.8,SNR=4.3, etc. Lists various stations and their associated data points.

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Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like Wanda, SBA, Casey, JOW, etc.

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like PETK, Dalian, MDJ, etc.

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like LZH, SEY, KDAK, etc.

comp=Z,7.0nm,1.0s,baz=63,slow=4.5,SNR=4.9

PBRG	Braganca	156.9632	ePKPdf	PKPdf	00 35 21.7 +4.9
PGAV	Gavieira, Arco	156.97355	ePKPdf	PKPdf	00 35 18.6 +1.7
PLO	Lamas de Olo	157.51354	ePKPdf	PKPdf	00 35 22.9 +5.3
MVO	Moncorvo	157.63352	ePKPdf	PKPdf	00 35 23.8 +6.1
MTE	Manteigas	158.19354	ePKPdf	PKPdf	00 35 19.6 +0.9
ES19	SONSECA Array	158.46345	ePKPab	PKPab	00 35 53.7 -0.4
ESDC	Sonsecra Array	158.50345	ePKPab	PKPab	00 35 53.4 -0.9
ESDC	comp=Z,3.5nm,0.8s,baz=22,slow=3.9,SNR=8.9		ePKPab	PKPab	00 36 33.9 -0.8
PMRV	Marv??o	159.39352	ePKPdf	PKPdf	00 35 25.5 +5.7
PESTR	Estremoz	159.97352	ePKPdf	PKPdf	00 35 26.1 +5.6
PMAFR	Mafrã	160.04356	ePKPdf	PKPdf	00 35 24.8 +4.3
LIS	Lisbon	160.27356	ePKPdf	PKPdf	00 35 20.0 -0.7
PNCL	Nicoulau / Gran	160.93354	ePKPdf	PKPdf	00 35 20.0 -1.4
MESJ	Mesjejana	161.06353	eP	PKPdf	00 35 20.8 -0.9
MESJ			ePP	PKPdf	00 39 48.5 +0.9
MESJ	Mesjejana	161.06353	ePKPdf	PKPdf	00 35 26.8 +5.2
PBDV	Barranco-do-Ve	161.61352	ePKPdf	PKPdf	00 35 28.8 +6.5
MORF	Marletele	161.63354	eP	PKPdf	00 35 21.2 -1.1
MORF			ePP	PKPdf	00 39 51.8 +1.0
MORF	Marletele	161.63354	ePKPdf	PKPdf	00 35 27.8 +5.4
PFVI	Vila Bisbo	161.82354	ePKPdf	PKPdf	00 35 27.9 +5.4
PTAM	Tamanrasset	162.04357	ePKPKP	PKPdf	00 35 25.6 +0.3
PTAM	Tamanrasset	162.04357	ePKPdf	PKPdf	00 35 25.6 +0.3
LAM	Lamto	166.08206	ePKPdf	PKPdf	00 35 21.7 -5.3
KIC	Kosan Boka	166.04207	eP	PKPdf	00 35 25.0 -2.0
DBIC	Dimbokro	166.36207	ePKP	PKPdf	00 35 26.2 -1.1
DBIC	comp=Z,5.5nm,0.8s,baz=103,slow=2.0,SNR=7.5		ePKP	PKPdf	00 36 07.3 -2.1
DBIC	comp=Z,2.1nm,1.3s,baz=141,slow=2.4,SNR=4.3		ePKPab	PKPab	00 36 29.4 +0.1
DBIC	comp=Z,5.9nm,0.7s,baz=143,slow=1.5,SNR=3.7		ePKPab	PKPab	00 37 07.3 -2.2
TIC	Toumodi	166.41206	eP	PKPdf	00 35 24.0 -3.3
TOAO	Torodi Ar. Sit	166.47246	ePKPdf	PKPdf	00 35 26.2 -1.1
TOAO			ePKPdf	PKPdf	00 35 26.7 -0.6
TORD	Torodi Ar. Bea	166.47246	ePKP	PKPdf	00 35 26.3 -1.0
TORD	comp=Z,1.1nm,0.9s,baz=43,slow=4.0,SNR=15		ePKP	PKPdf	00 36 07.8 -1.7
TORD	comp=Z,2.6nm,1.2s,baz=120,slow=3.2,SNR=9.2		ePKPab	PKPab	00 36 29.6 -0.4
TORD	comp=Z,1.1nm,1.0s,baz=96,slow=2.3,SNR=6.6		ePKPab	PKPab	00 37 08.7 -1.6
KOWA	Kowa	171.94237	ePKPab	PKPdf	00 35 29.5 -1.1
KOWA	comp=Z,1.0nm,0.8s,baz=144,slow=0.6,SNR=17		ePKPab	PKPab	00 36 54.7 +0.5
KOWA	comp=Z,2.2nm,1.2s,baz=121,slow=3.2,SNR=3.0		ePKPab	PKPab	00 37 33.4 -1.0
KOWA	comp=Z,8.2nm,0.9s,baz=130,slow=4.8,SNR=3.8		ePKPab	PKPab	00 37 33.4 -1.0
KOWA	Kowa	171.94237	ePKPab	PKPdf	00 35 30.1 -0.6
KOWA			ePKPab	PKPdf	00 36 54.7 +0.5
KOWA			ePKPab	PKPdf	00 37 33.4 -1.0

NIED 05 00:37:00.35:70N,140.70E,h50km,Mw4.3 Best double couple: M3.090000,1015; NP13=243.00000; 830.00000; 1.130.00000; NP2=19.00000; 867.00000; 7.0.00000; ISCJB 05 00:37:53.5-0.5,35.66N,0104.140.80E,0.8,h51km,3km,mb4.0/17,Error ellipse: s-maj=10.5km s-min=6.3km az=171.0

JMA 05 00:37:54.2-0.1,35.66N,140.69E,h46km,1km,M3.6 Broadband fault plane solution: P waves. NP1: 0.3,0.00000,1.875.00000,1.86.00000. NP2:20.00000,0.0,16.00000,1.106.00000. Principal axes: T P160.00000, Azm267.00000; N P164.00000, Azm5.00000; P P130.00000, Azm97.00000;

JMA Feb II JJA

ISC 05 00:37:58.8-2.9,35.68N,140.39E,h72km,23km,mb3.7/17,mb1.3/8/18,mb1mx3.6/69,mbtmp4.0/18 Error ellipse: s-maj=25.7km s-min=20.7km az=20.0

ISC 05 00:37:54.6-0.8,35.66N,0105.140.71E,0.06,h41km,7km,n38,c157/39,mb4.1/17,1C-AD,Near east coast of eastern Honshu

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
				h m s	ISC
CHQJ	Chosi	0.13 69	Op	00 37 07.0 +2.2	Pn
CHQJ			Sn	00 38 07.1 +0.8	Sn
JCN	Nagara	0.47 240	P	00 38 05.3 +0.3	Pn
JYJ	Yasato	0.71 324	P	00 38 07.7 -0.4	Pn
JYT			eS	00 38 17.6 -0.3	Sn
BSO4	Boso 4	0.73 205	P	00 38 08.4 +0.1	Pn
BSO3	Boso 3	0.87 191	P	00 38 10.1 +0.1	Pn
JHO	Hitachi	0.96 353	P	00 38 11.5 -0.1	Pn
BSO1	Boso 1	1.02 167	P	00 38 11.8 -0.1	Pn
JAG	Ashikaga	1.27 307	P	00 38 15.3 -0.6	Pn
MJAR	Matsushiro Arr	2.21 294	P	00 38 29.4 +0.7	Pn
MJAR	23nm,0.3s,baz=100,slow=14,SNR=3.9		S	00 38 49.8 -5.0	Sn
MAT	Matsushiro	2.21 294	P	00 38 29.8 +1.0	Pn
MAT			eS	00 38 58.6 +3.7	Sn
JHJ	Hachiojima 2	2.64 197	P	00 38 34.8 +0.1	Pn
JHJ	77nm,0.3s,baz=300,slow=23,SNR=14		S	00 39 04.9 -0.6	Sn
JNU	120nm,0.3s,baz=45,slow=23,SNR=7.8		Pn	00 39 59.9 +4.6	Pn
JNU	Nakatsu	8.51 256	P	00 39 59.9 +4.6	Pn
JNU	0.3nm,0.3s,baz=72,slow=9.6,SNR=3.5		S	00 41 12.1 -1.8	Sn
ASAJ	Asahikawa	8.57 9	P	00 39 55.4 -0.7	Pn
ASAJ	1.5nm,0.3s,baz=214,slow=17,SNR=7.5		S	00 41 28.7 -2.8	Sn
JCJ	Chichijima	8.63 171	P	00 39 53.4 -3.4	Pn
JCJ	7.0nm,0.3s,baz=82,slow=24,SNR=26		S	00 41 22.2 -1.1	Sn
KSR5	Korea Array	10.44 284	P	00 40 26.3 +4.7	Pn
USRK	USSURIY AR	10.84 325	P	00 40 29.7 +2.6	Pn
KLK	Kul'dur	15.07 337	P	00 40 25.2 +0.6	Pn
H1N2	WAKE ISLAND Hy 27.98 118 T		T	01 12 45.5	T
H1N1	WAKE ISLAND Hy 27.98 118 T		T	01 12 47.0	T
H1N3	WAKE ISLAND Hy 27.98 118 T		T	01 12 46.4	T
SONM	Songino Array	28.11 306	P	00 43 41.4 -1.2	Pn
ZALV	Zalesovo Beam	42.43 314	P	00 45 44.8 -0.3	Pn
MKAR	Makanchi Array	44.38 303	P	00 46 00.4 -0.5	Pn
KURBB	Kurchatov Arra	46.41 309	P	00 46 16.2 -0.7	Pn
ILAR	Eielson Array	50.96 322	P	00 46 52.7 +1.0	Pn
BVAR	Borovoye Array	51.09 313	P	00 46 52.5 -0.3	Pn
ARU	Arti	57.02 319	P	00 47 35.4 -0.5	Pn
AKTO	Aktubinsk	58.18 312	P	00 47 50.3 -0.9	Pn
ASAR	Alice Springs	59.57 187	P	00 47 53.0 +0.5	Pn
FINES	FINES Array B	63.39 337	P	00 48 59.6 -0.5	Pn
KBZ	Khabaz	71.37 311	P	00 49 10.2 0.0	Pn
AKASG	Malin Array Be	75.04 322	P	00 49 30.9 -0.8	Pn
NB2	NORSAR Subarra	75.23 337	P	00 49 32.4 -0.4	Pn
NOA	NORSAR Array B	75.23 337	P	00 49 32.3 -0.4	Pn
NVAR	Mina Array Bea	76.28 53	P	00 49 41.7 +2.4	Pn
PDAR	Pinedale Arra	79.75 314	P	00 49 56.8 +2.1	Pn
BRTR	Reskin Array B	79.33 311	P	00 49 56.5 +0.3	Pn
GERES	GERESS Array B	83.58 328	P	00 50 17.9 -0.5	Pn

ISC 05 05:40:16.1,8,17.765S:167.18E,h0km,mb4.1/4,mb1.4/3.5,mb1mx3.9/19,mbtmp4.1/5,ML4.0/1,Error ellipse: s-maj=49.9km s-min=26.6km az=110.0,Vanuatu Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
				h m s	ISC
DZM	Mont Dzumac	4.35 189	Op	00 53 49.1 +1.0	Pn
DZM	7.3nm,0.3s,baz=95,slow=12,SNR=5.8		Sn	00 54 40.4 +0.9	Sn
STKA	Stevens Creek	27.06 234	P	00 58 25.0 +0.1	Pn
ASAR	Alice Springs	31.63 254	P	00 59 03.8 -1.8	Pn
CMAR	Chiang Mai Arr	76.11 295	P	01 04 32.7 +1.9	Pn
ILAR	Eielson Array	89.42 18	P	01 05 38.0 -0.9	Pn

ISC 05 01:07:03.1-1.4,17.65S:167.38E,h0km,mb4.0/5,mb1.4/2/6,mb1mx3.9/41,mbtmp4.0/6,ML3.9/1,Error ellipse: s-maj=51.0km s-min=24.9km az=138.0,ISCJB 05 01:07:04.7-1.1,17.80S:0.08:167.3E:0.2,h19km,mb3.9/4,Error ellipse: s-maj=21.1km s-min=11.7km az=9-3

ISC 05 01:07:06.1-1.2,17.8S:0.1x167.3E:0.2,h19km,n6,c1525/8,mb4.0/4,Vanuatu Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
				h m s	ISC
DZM	Mont Dzumac	4.36 190	Op	01 08 11.6 +0.2	Pn
DZM	6.0nm,0.3s,baz=5.5,slow=19,SNR=5.9		Sn	01 09 01.1 -0.7	Sn
CTA	Charters Tower	20.02 260	P	01 11 40.2 +0.3	Pn
STKA	Stevens Creek	27.12 234	P	01 12 49.7 +1.6	Pn
ASAR	Alice Springs	31.72 254	P	01 13 29.4 +0.4	Pn
ASAR	0.3nm,0.3s,baz=64,slow=27,SNR=3.8		S	01 18 36.5 -1.6	Sn
NVAR	Mina Array Bea	89.23 49	P	01 20 01.8 +0.6	Pn
ILAR	Eielson Array	89.39 18	P	01 19 59.7 -1.3	Pn

JMA 05 01:35:37.8-0.1,38.41N:142.17E,h33km,1km,M3.5, Near east coast of eastern Honshu

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
				h m s	ISC
JJO	Ouri	0.65 274	Op	01 35 50.5 +0.1	Pn
OFUJ	Ofunato	0.78 330	P	01 35 52.4 0.0	Pn
OFUJ			eS	01 36 02.5 -0.4	Sn
JMK	Ichinoseki	0.92 306	P	01 35 54.7 +0.3	Pn
JMK			eS	01 36 06.9 -0.3	Sn
JOU	Okura	1.18 268	P	01 36 13.9 +0.5	Pn
JMM	Marumori	1.21 244	P	01 35 58.1 -0.3	Pn
JMM			eS	01 36 13.4 -0.3	Sn
JOM	Ohasawa	1.26 327	P	01 35 59.9 +0.8	Pn
JFK	Kawauchi	1.46 225	P	01 36 01.4 -0.5	Pn
JFK			eS	01 36 18.3 -1.6	Sn
JYK	Kaneyama	1.51 290	P	01 36 03.3 +0.8	Pn
JRG	Rokugyo	1.55 310	P	01 36 04.7 -1.2	Pn

ISC 05 01:44:09.6:7.8,2.81:85N:144.04E,h270km,4.7km,mb3.9/10,mb1.3/4/13,mb1mx3.1/75,mbtmp4.0/13,Error ellipse: s-maj=51.0km s-min=30.0km az=3-0

ISC 05 01:44:06.3-1.4,2.13N:0.2:144.0E:0.2,h250km,n13,c082/14,mb3.6/10,Mariana Islands region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
				h m s	ISC
JCJ	Chichijima	5.70 343	P	01 45 31.2 +0.5	Pn
JCJ	14nm,0.3s,baz=150,slow=20,SNR=13		S	01 46 38.0 -0.2	Sn
MJAR	Matsushiro Arr	15.71 342	P	01 47 33.2 -0.7	Pn
JNU	1.1nm,0.3s,baz=165,slow=9.4,SNR=13		Pn	01 47 42.0 +1.1	Pn
KSR5	Korea Array	21.05 322	P	01 48 32.0 +0.7	Pn
SONM	Songino Array	39.90 320	P	01 51 16.0 -0.2	Pn
ZALV	Zalesovo Beam	54.76 322	P	01 53 09.9 -0.1	Pn
MKAR	Makanchi Array	55.33 313	P	01 53 14.4 +0.1	Pn
KURBB	Kurchatov Arra	58.12 317	P	01 53 33.7 0.0	Pn
ILAR	Eielson Array	61.74 27	P	01 53 57.5 -0.6	Pn
BVAR	Borovoye Array	63.24 320	P	01 54 08.5 +0.3	Pn
YKA	Yellowknife Ar	76.15 28	P	01 55 27.3 +0.8	Pn
NVAR	Mina Array Bea	82.56 52	P	01 56 02.6 +0.8	Pn
FINES	FINES Array B	83.59 335	P	01 56 04.5 -1.8	Pn

ISC 05 01:54:36.2-1.9,17.85S:167.42E,h0km,mb4.0/5,mb1.4/2/6,mb1mx3.8/52,mbtmp4.0/6,ML3.5/1,Error ellipse: s-maj=50.7km s-min=30.6km az=124.0,ISCJB 05 01:54:38.3-1.5,17.90S:0.08:167.3E:0.2,h23km,mb4.0/4,Error ellipse: s-maj=31.9km s-min=12.1km az=1-4

ISC 05 01:54:39.8:1.6,17.9S:0.1x167.4E:0.2,h23km,n6,c1534/7,mb4.2/4,Vanuatu Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
				h m s	ISC
DZM	Mont Dzumac	4.26 192	Op	01 58 43.9 +0.5	Pn
DZM	2.5nm,0.3s,baz=91,slow=17,SNR=22		Sn	01 56 32.4 -0.2	Sn
CTA	Charters Tower	20.14 250	P	01 59 13.3 +0.8	Pn
STKA	Stevens Creek	27.17 234	P	02 00 21.8 +0.1	Pn
ASAR	Alice Springs	31.81 254	P	02 01 01.1 -1.9	Pn
CMAR	Chiang Mai Arr	76.38 295	P	02 06 29.3 +1.5	Pn
ILAR	Eielson Array	89.47 18	P	02 07 34.0 -0.6	Pn

NNC 05 01:59:23.6:3.8,36.10N:66.99E,h31km,19km,mb4.4,mpv4.1,Error ellipse: s-maj=56.9km s-min=24.9km az=116.0

ISC 05 01:59:27.0:5.1,36.09N:67.39E,h76km,50km,mb3.5/1,mb1.3/4/7,mb1mx3.0/76,mbtmp3.7/77,ML3.1/6,Error ellipse: s-maj=60.2km s-min=19.2km az=166.0

ISC 05 01:59:26.2-1.1,36.1N:0.2:167.3E:0.08,h35km,n12,c240/19,6C-6D,Hindu Kush region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
				h m s	ISC
DZET	Dzherino	2.91 23	Pg	02 00 19.0 +8.6	Pn
DZET	110nm,0.4s		Lg	02 01 03.3	Lg
KK31	Karatay Array	7.37 18	Pn	02 02 13.2 +1.5	Pn
KK31	6.6nm,0.6s,baz=206,slow=15,SNR=89		Sn	02 02 34.1 +0.1	Sn
KK31	2.5nm,0.5s,baz=206,slow=22,SN				

5d 2h

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other technical details. Includes stations like KMI Kunming, CM01 Chiang Mai Arr, and many others.

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Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other technical details. Includes stations like MOTA Moosalm, RETA Reutte, and others.

NEIC 05 02:19:16.1±1.3, 6.40S:149.80E, h35km, mb4.1/1, Error ellipse: s-maj=54.0km s-min=19.2km az=118.0

Table with columns: Code, Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other technical details. Includes stations like PMG Port Moresby, ASAR Alice Springs, and others.

IDC 05 02:27:12.8±0.7, 17.47S:167.34E, h0km, mb4.5/17, m1 4.7/19, mb1mx4.5/43, mbtmp4.5/19, ML4.8/2, MS3.9/17, Ms1 3.9/17, ms1mx3.7/37, Error ellipse: s-maj=20.7km

Table with columns: Code, Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other technical details. Includes stations like DZM Mont Dzumac, PMG Port Moresby, and others.

ISC 05 02:27:14.7±0.2, 17.47S:167.34E, h19km, mb4.8/59, MS3.9/16, Error ellipse: s-maj=8.5km s-min=6.6km az=144.3

Table with columns: Code, Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other technical details. Includes stations like DZM Mont Dzumac, HNR Honiara, and others.

NEIC 05 02:27:15.8±1.7, 20.05S:167.20E, h19km, mb4.7/24, m5.0/13, Ms4.9/4, Ms7 4.6/4

Table with columns: Code, Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other technical details. Includes stations like DZM Mont Dzumac, HNR Honiara, and others.

ISC 05 02:27:15.6±0.4, 17.46S:167.34E, h19km, n135, e1999/122, mb4.9/57, MS3.9/17, D, Vanuatu Islands

Table with columns: Code, Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other technical details. Includes stations like DZM Mont Dzumac, HNR Honiara, and others.

ISC 05 02:27:15.8±1.7, 20.05S:167.20E, h19km, mb4.7/24, m5.0/13, Ms4.9/4, Ms7 4.6/4

Table with columns: Code, Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other technical details. Includes stations like DZM Mont Dzumac, HNR Honiara, and others.

ISC 05 02:27:15.8±1.7, 20.05S:167.20E, h19km, mb4.7/24, m5.0/13, Ms4.9/4, Ms7 4.6/4

Table with columns: Code, Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other technical details. Includes stations like DZM Mont Dzumac, HNR Honiara, and others.

ISC 05 02:27:15.8±1.7, 20.05S:167.20E, h19km, mb4.7/24, m5.0/13, Ms4.9/4, Ms7 4.6/4

Table with columns: Code, Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other technical details. Includes stations like DZM Mont Dzumac, HNR Honiara, and others.

ISC 05 02:27:15.8±1.7, 20.05S:167.20E, h19km, mb4.7/24, m5.0/13, Ms4.9/4, Ms7 4.6/4

Table with columns: Code, Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other technical details. Includes stations like DZM Mont Dzumac, HNR Honiara, and others.

ISC 05 02:27:15.8±1.7, 20.05S:167.20E, h19km, mb4.7/24, m5.0/13, Ms4.9/4, Ms7 4.6/4

252

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other technical details. Includes stations like MAJO Matsushiro, MAT Matsushiro, and others.

ISC 05 02:27:15.8±1.7, 20.05S:167.20E, h19km, mb4.7/24, m5.0/13, Ms4.9/4, Ms7 4.6/4

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other technical details. Includes stations like MAJO Matsushiro, MAT Matsushiro, and others.

ISC 05 02:27:15.8±1.7, 20.05S:167.20E, h19km, mb4.7/24, m5.0/13, Ms4.9/4, Ms7 4.6/4

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other technical details. Includes stations like MAJO Matsushiro, MAT Matsushiro, and others.

ISC 05 02:27:15.8±1.7, 20.05S:167.20E, h19km, mb4.7/24, m5.0/13, Ms4.9/4, Ms7 4.6/4

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other technical details. Includes stations like MAJO Matsushiro, MAT Matsushiro, and others.

ISC 05 02:27:15.8±1.7, 20.05S:167.20E, h19km, mb4.7/24, m5.0/13, Ms4.9/4, Ms7 4.6/4

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other technical details. Includes stations like MAJO Matsushiro, MAT Matsushiro, and others.

ISC 05 02:27:15.8±1.7, 20.05S:167.20E, h19km, mb4.7/24, m5.0/13, Ms4.9/4, Ms7 4.6/4

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other technical details. Includes stations like MAJO Matsushiro, MAT Matsushiro, and others.

ISC 05 02:27:15.8±1.7, 20.05S:167.20E, h19km, mb4.7/24, m5.0/13, Ms4.9/4, Ms7 4.6/4

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other technical details. Includes stations like MAJO Matsushiro, MAT Matsushiro, and others.

ISC 05 02:27:15.8±1.7, 20.05S:167.20E, h19km, mb4.7/24, m5.0/13, Ms4.9/4, Ms7 4.6/4

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other technical details. Includes stations like MAJO Matsushiro, MAT Matsushiro, and others.

ISC 05 02:27:15.8±1.7, 20.05S:167.20E, h19km, mb4.7/24, m5.0/13, Ms4.9/4, Ms7 4.6/4

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other technical details. Includes stations like MAJO Matsushiro, MAT Matsushiro, and others.

ISC 05 02:27:15.8±1.7, 20.05S:167.20E, h19km, mb4.7/24, m5.0/13, Ms4.9/4, Ms7 4.6/4

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other technical details. Includes stations like MAJO Matsushiro, MAT Matsushiro, and others.

ISC 05 02:27:15.8±1.7, 20.05S:167.20E, h19km, mb4.7/24, m5.0/13, Ms4.9/4, Ms7 4.6/4

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other technical details. Includes stations like MAJO Matsushiro, MAT Matsushiro, and others.

ISC 05 02:27:15.8±1.7, 20.05S:167.20E, h19km, mb4.7/24, m5.0/13, Ms4.9/4, Ms7 4.6/4

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res. Includes stations like RAMN Ramite, JIRN Jiri, GUN Gumba, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res. Includes stations like SGSI Sangihe, TINTI Ternate, KMSI Cibatong, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res. Includes stations like FINES FINESS Array B, TESR Tescani, BURAR Bucovina Array, etc.

ISC 05 03:27:45.9.0.3, 3.13N.0.04, 126.73E.0.06, h35km, n92, c2519/97, mb4.4/0.1, 1C-5D, Talud Islands

ISC 05 03:29:52.3.2.1, 35.81N.70.98E, h75km, 26km, mb3.6/18, m1 3.7/24, m1mx3.5/69, mbtmp3.9/24, Error ellipse: s-maj=2.1, 2km s-min=14.9km az=155.0

ISC 05 03:25:25.0.2.4, 35.99N.103.71E, h110km, mb3.7/18, Error ellipse: s-maj=6.8km s-min=4.0km az=150.5

NNC 05 03:30:00.8.3.0, 36.46N.70.51E, h168km, 23km, mb3.4, mpv4.3, Error ellipse: s-maj=26.3km s-min=14.0km az=169.0

ISC 05 03:29:56.2.0.5, 35.95N.106.07E, h110km, n54, c2515/62, mb3.6/18, 7C-4D, Hindu Kush region

ISCJB 05 03:21:48.8.0.5, 39.09N.0.02, 42.72E.0.03, h1km, 5km, Error ellipse: s-maj=4.1km s-min=3.7km az=40.1

CSEM 05 03:21:48.9.0.2, 39.11N.42.73E, h2km, ML2.5, Error ellipse: s-maj=4.4km s-min=3.8km az=36.0

DDA 05 03:21:48.5, 39.09N.42.74E, h10km, ML2.5, ISK 05 03:21:48.3, 39.09N.42.71E, h6km, ML2.7/9

ISC 05 03:21:48.6.1.0, 39.09N.0.02, 42.71E.0.02, h13km, 9km, n46, c0574/66, Turkey

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res. Includes stations like TUTA Tutak, ERVC ERIS-VAN, KARACOBAN Karacaban, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res. Includes stations like GATA Gatai, KUL'DUR Kul'dur, SONM Songoing Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res. Includes stations like DZER Dzerino, ZALV Zalesovo Beam, AKTO Aktyubinsk, etc.

ISCJB 05 03:27:43.9.0.2, 3.20N.0.03, 126.83E.0.04, h35km, mb4.5/41, MS3.5/1, Error ellipse: s-maj=6.0km s-min=4.0km az=103.0

DJA 05 03:27:43.8.1.0, 3.3N.10.12, 7E.1, h10km, M4.8/6, mB5.0/2, mb5.0/2, MLV4.7/6, m(mB)4.3/2

IDD 05 03:27:47.0.2.2, 2.95N.126.41E, h49km, 22km, mb4.0/27, mb1.4/129, m1mx4.0/62, mbtmp4.3/29, ML4.1/2, MS3.2/3, M5.1.3/2.3, m1mx2.7/54, Error ellipse: s-maj=19.2km s-min=9.8km az=68.0

NEIC 05 03:27:49.1.0.8, 3.09N.126.87E, h77km, 8km, mb4.7/12, Error ellipse: s-maj=9.0km s-min=6.5km az=63.0

ISCJB 05 03:31:52.0.4.1, 74.5S.0.05, 167.17E.0.09, h12km, mb4.5/21, MS3.6/14, Error ellipse: s-maj=11.9km s-min=7.1km az=3.7

IDD 05 03:31:52.1.0.6, 17.46S.167.14E, h0km, mb4.4/16, mb1.4/517, m1mx4.4/42, mbtmp4.4/17, ML4.1/1, MS3.6/17, M5.1.3.6/17, m1mx3.4/36, Error ellipse: s-maj=21.9km s-min=16.9km az=103.0

NEIC 05 03:31:55.74.3, 17.48S; 167.24E, h23km, 29km, mb4.6/5, Error ellipse: s-maj=11.3km s-min=8.6km az=207.0

ISC 05 03:51:53.06.0, 17.55S; 006.167.3E:0.1, h20km, m50, e=137/43, mb4.7/0.2, MS3.6/15, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for Vanuatu Islands and Chile.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for Chile and other regions.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for Chile and other regions.

GUC 05 03:48:54.3:0.6, 36.70S; 73.58W, h33km, 3km, ML3.8, 2C-2D, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for Chile.

IDC 05 03:49:01.9:0.7, 12.16N; 143.69E, h0km, mb4.0/17, m1 4.2/17, mb1mx4.0/57, mbtmpp4.0/17, MS3.5/3, Ms1 3.5/3, ms1mx2.8/53, Error ellipse: s-maj=19.5km s-min=18.9km az=103.0

ISCJB 05 03:49:04.0:0.5, 12.12N; 0.08:143.63E:0.1, h25km, mb4.1/21, MS3.5/3, Error ellipse: s-maj=14.3km s-min=8.9km az=38.5

NEIC 05 03:49:05.2:4.3, 12.12N; 143.69E, h22km, 30km, mb4.3/4, Error ellipse: s-maj=14.9km s-min=10.9km az=93.0

ISC 05 03:49:05.0:0.7, 12.1N; 0.1:143.7E:0.1, h25km, m32, e=90/25, mb4.1/21, MS3.5/3, South of Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for Chile and other regions.

GUC 05 04:14:03.0:0.6, 20.63S; 68.88W, h103km, 4km, ML3.5, 4C-1D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for Chile and other regions.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for Chile.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for Chile.

Table with columns for call sign, frequency, mode, and coordinates. Includes stations like Ste Jean, Alkuruntz, Estremoz, etc.

Table with columns for call sign, frequency, mode, and coordinates. Includes stations like Braganca, Montargil, Calabor, etc.

Table with columns for call sign, frequency, mode, and coordinates. Includes stations like Rostrenen, Afiamalu, Zihuatanejo, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like T38A Diamond, SDCO Great Sand Dun, Y47A UCPC, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, Phase ID, Time, Res, and other parameters. Includes stations like MLSI Meulaboh, GSI Gunungsitoli, LHMI Lhok Sumawe, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, MJAR Matsushiro Arr, etc.

MAN 05:05:13-48, 12:19N-125:68E, h31km, mb4.1, ML2.9, MS2.6, Samar

Table with columns: Code, Station Name, Frequency, Power, Mode, Phase ID, Time, Res, and other parameters. Includes stations like OCLP Ormoc, MSLP Maasin, etc.

ISCJB 05:05:16:35.6: 1.7, 19:55.0: 4.178: 7W: 0.3, h550km, mb3.4/7, Error ellipse: s-maj=61.2km s-min=20.3km az=152.7

ISC 05:05:16:37.8: 7.6, 19:27.5: 1.78: 7W: h557km, 86km, mb3.1/7, mb1 3.3/7, mb1mx3.0/0.1, mbtpm4.0/7, Error ellipse: s-maj=38.1km s-min=26.1km az=116.0

ISC 05:05:16:37.1: 1.2, 19:35.0: 3.178: 7W: 0.2, h550km, n10, 0:059/9, mb3.5/7, Fiji Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, Phase ID, Time, Res, and other parameters. Includes stations like CTA Charters Tower, ASAR Alice Springs, MJAR Matsushiro Arr, etc.

KRSC 05:05:16:0.4: 3.4, 49:24N x 156:93E, h6km, 44km, ML3.6, Kuril Islands

Table with columns: Code, Station Name, Frequency, Power, Mode, Phase ID, Time, Res, and other parameters. Includes stations like SKR Severo-Kuril's, KDR Khodutka, KADR Asacha, etc.

SJA 05:05:24:42.1: 0.4, 37:05S x 73:09W, h56km, 4km, ML3.4, MW4.0

ISCJB 05:05:24:43.6: 1.3, 36:99S: 0:04: 73:0W: 0.1, h24km, n11km, Error ellipse: s-maj=15.1km s-min=7.3km az=5.8

GUC 05:05:24:45.3: 0.5, 36:98S: 72:91W, h38km, 2km, ML3.6

ISC 05:05:24:45.5: 6.4, 36:97S: 0:04: 72:90W: 0.09, h34km, 12km, n12, 0:097/18, Near coast of central Chile

Table with columns: Code, Station Name, Frequency, Power, Mode, Phase ID, Time, Res, and other parameters. Includes stations like CCHI Chillan, COCH Cobquecura, COCH Cobquecura, etc.

ISC 05:05:25:38.1: 2.4, 54:16N: 86:26E, h0km, mb1 3.2/2, mb1mx2.8/6, mbtpm3.2/2, ML2.42, Error ellipse: s-maj=18.5km s-min=11.5km az=59.0, Southwestern Siberia

IDL 05:05:25:38.1: 2.4, 54:16N: 86:26E, h0km, mb1 3.2/2, mb1mx2.8/6, mbtpm3.2/2, ML2.42, Error ellipse: s-maj=18.5km s-min=11.5km az=59.0, Southwestern Siberia

Table with columns: Code, Station Name, Frequency, Power, Mode, Phase ID, Time, Res, and other parameters. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, KURBB Kurchatov Arr, etc.

ISC 05:05:48:02.8: 1.1, 11:66N: 143:83E, h0km, mb3.8/8, mb1 4.0/9, mb1mx3.762, mbtpm3.8/9, ML4.2/1, Error ellipse: s-maj=36.6km s-min=26.2km az=123.0

ISC 05:05:48:09.4: 1.8, 12:22N: 0:3: 173:0E: 0.2, h550km, n10, 0:082/10, mb4.0/9, South of Mariana Islands

Table with columns: Code, Station Name, Frequency, Power, Mode, Phase ID, Time, Res, and other parameters. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

IDD 05:05:10:35.1: 0.7, 2:16N: 92:96E, h0km, mb4.1/17, mb1 4.2/19, mb1mx4.0/69, mbtpm4.1/19, ML4.5/2, MS3.4/7, MS1 3.4/7, ms1mx3.0/60, Error ellipse: s-maj=22.7km s-min=14.2km az=45.0

ISCJB 05:05:10:36.9: 0.4, 2:30N: 0:05: 93:10E: 0:03, h21km, mb4.2/21, MS3.4/5, Error ellipse: s-maj=7.7km s-min=4.5km az=17.3

NEIC 05:05:10:40.0: 3.2, 2:36N: 93:06E, h28km, 23km, mb4.5/6, Error ellipse: s-maj=13.7km s-min=8.8km az=49.0

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like AAK, ALA, ANO, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like BOVS, HERR, ARU, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like CONA, VRAC, VBRAN, etc.

Table with columns: Station, Time, Az, El, SNR, and other parameters. Includes stations like Chiang Mai, Lanzhou, KOWA, BJI, WHN, etc.

Table with columns: Station, Time, Az, El, SNR, and other parameters. Includes stations like KOWA, BJI, WHN, TIA, PDSI, etc.

Table with columns: Station, Time, Az, El, SNR, and other parameters. Includes stations like DAWY, NWAQ, YKA, HYT, etc.

Table with columns: Name, Time, Date, Category, and other details. Includes entries like SOKA Soboth, NA001 NORSAR Array S, etc.

Table with columns: Name, Time, Date, Category, and other details. Includes entries like YSS, INU Inuyama, BNI Bardonecchia, etc.

Table with columns: Name, Time, Date, Category, and other details. Includes entries like SOEI Soe, INK Inuvik, MDM Murphy Dome, etc.

Table with columns: ID, Name, Time, Res, ISC, Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like LKWY Lake, I37A Lemond, Waseca, H17A Grant Village, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like IDC 05 07 24:40.9, 1.1, 18.145S; 167.48E, h0km, mb4.4/9, etc.

Table with columns: RATU, Name, Time, Res, ISC, Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like Laukkulusta, Namsos, Namsos, Kurraavaara, etc.

IDC 05 07 22:29.0, 0.8, 17.68S; 167.52E, h0km, mb4.4/17, mb1 4.5/19, mb1mx4.3/50, mbtmp4.4/19, ML4.6/2, Error ellipse: s-maj=24.4km s-min=16.2km az=127.0

IDC 05 07 30:43.2, 2.0, 18.03S; 167.59E, h0km, mb3.7/3, mb1 4.0/4, mb1mx3.6/46, mbtmp3.7/4, ML3.5/1, Error ellipse: s-maj=63.1km s-min=35.2km az=117.0, Vanuatu Islands

IDC 05 07 31:41.6, 0.8, 67.03N; 02:13:6E, 0.1h, 12km, 6km, Error ellipse: s-maj=6.8km s-min=3.6km az=16.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like IDC 05 07 31:41.6, 0.8, 67.03N; 02:13:6E, 0.1h, 12km, 6km, etc.

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

5d 11h

2012 FEB

M1 3.6/20, ms1mx3.4/38, Error ellipse: s-maj=41.9km s-min=21.1km az=129.0, ISJCJB 05 10:04:50.9, 0.3, 17.67S:0106:167:30E:0.07, h19km, mb4.6/27, MS3.6/18, Error ellipse: s-maj=10.5km s-min=7.2km az=29.7, NEIC 05 10:04:51.0, 0.3, 17.61S:167:34E, h10km, mb4.7/19, Error ellipse: s-maj=9.6km s-min=6.8km az=138.0, ISC 05 10:04:51.9, 0.5, 17.68S:167:47E:0.09, h19km, n60, e19147, mb4.7/27, MS3.6/18, Vanuatu Islands

s-min=63.7km az=95.0, ISJCJB 05 10:09:13.4, 1.6, 19.97S:0103:70:62W:0.08, h22km, 10km, MS3.6/11, MS3.6/2, Error ellipse: s-maj=13.3km s-min=5.4km az=171.5, GUC 05 10:09:13.6, 0.7, 19.98S:70:56W, h35km, 5km, ML3.3 ISC 05 10:09:12.5, 2.1, 19.95S:0104:70:64W:0.10, h24km, 14km, n17, e1946/20, 2C-6D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Ohasama, Kawauchi, Kanayama, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DZM, DZM, DZM, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PSCG, PSCG, PSCG, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HONIA, HONIA, HONIA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TORO, TORO, TORO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GUC, GUC, GUC, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DZM, DZM, DZM, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DZM, DZM, DZM, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DZM, DZM, DZM, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DZM, DZM, DZM, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DZM, DZM, DZM, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DZM, DZM, DZM, etc.

ISC 05 10:09:08.2, 4.0, 20.99S:69:99W, h0km, mb3.7/1, mb1 3.5/2, mb1mx3.3/7, mbmtmp3.5/2, ML2.1/1, MS3.5/2, Ms1 3.5/2, ms1mx2.7/36, Error ellipse: s-maj=133.8km

ISC 05 10:57:00.38, 40N:142:20E, h35km, Mw3.7, Best double couple: M3.76000:1014 NP1:22.40000, 7-36.00000, NP2:0.00000, 867.00000, 7-127.00000, ISC 05 10:57:23.7, 1.8, 38.24N:142:98E, h0km, mb3.6/3, mb1 3.6/8, mb1mx3.4/59, mbmtmp3.6/8, ML2.9/5, MS2.7/1, Ms1 2.7/1, ms1mx2.2/59, Error ellipse: s-maj=35.7km s-min=22.6km az=86.0, ISC 05 10:57:31.3, 0.1, 38.37N:142:21E, h38km, 1km, M3.8 JMA 05 10:57:26.6, 1.7, 38.29N:104:142.37E:0.06, h11km, 10km, n26, e1916/29, mb3.7/3, Near east coast of eastern

WEL 05 11:19:46.5, 0.9, 31.59S:18:0E:1.6, h33km, ML5.0/10, Kermadec Islands region

URJ	Urewera	16.89	190	P	P	12 19 21.4	-2.4
MWZ	Matawai	16.91	189	P	P	12 19 22.2	-1.8
TKGZ	Te Karaka	16.97	188	P	P	12 19 23.9	-0.5
CNGZ	Carwagh Station	16.97	187	P	P	12 19 23.8	-0.7
RAGZ	Rainbow	17.08	189	P	P	12 19 25.2	-0.4
HISZ	Hesslers Road	17.12	192	P	P	12 19 27.2	+1.4
MUGZ	Murupara	17.16	191	P	P	12 19 24.6	-1.7
HRZR	Handcock Road	17.17	192	P	P	12 19 26.5	+0.1
RIGZ	Rimuhau	17.24	188	P	P	12 19 26.0	-1.0
PRRZ	Plateau Road	17.25	192	P	P	12 19 26.6	-0.5
RTZ	Ruataniwha	17.26	190	P	P	12 19 25.7	-1.6
ALRZ	Allen Road	17.32	192	P	P	12 19 27.2	+1.0
SNGZ	Shannon Station	17.37	189	P	P	12 19 26.9	-1.3
PRGZ	Parituro Road	17.44	187	P	P	12 19 29.8	+1.0
MTHZ	Maungataniwha	17.52	190	P	P	12 19 28.5	-1.1
RAHZ	Arahi	17.54	190	P	P	12 19 29.4	-0.4
KNZ	Kokohu	17.56	188	P	P	12 19 29.4	-0.5
HIZ	Hautiti	17.60	195	eP	P	12 19 32.3	+2.1
HIZ	Hautiti	17.60	195	P	P	12 19 32.7	+2.4
NMHZ	Naumai	17.76	190	P	P	12 19 31.0	-0.8
BKZ	Black Stump Fm	17.88	191	eP	P	12 19 31.6	-1.3
BKZ	Black Stump Fm	17.88	191	eS	S	12 22 28.4	+1.5
BKZ	Black Stump Fm	17.88	191	P	P	12 19 30.6	-2.3
WTVZ	West Tongariro	18.01	193	P	P	12 19 33.8	-0.3
NGZ	Ngauruhoe	18.06	193	P	P	12 19 35.6	+1.0
MCHZ	McNab Hill	18.12	194	P	P	12 19 34.2	-0.8
TUVZ	Tukino	18.14	193	P	P	12 19 34.3	-1.1
KWHZ	Kaweka Forest	18.15	191	P	P	12 19 33.9	-1.4
TRVZ	Turoa	18.19	193	P	P	12 19 34.8	-1.1
VRZ	Vera Road	18.21	195	P	P	12 19 37.6	+1.9
BHZ	Black Hill Sta	18.27	192	P	P	12 19 34.7	-1.8
KRHZ	Kereri	18.37	191	P	P	12 19 36.4	-0.9
PXZ	Pawanui	18.67	189	P	P	12 19 39.4	-0.5
BFZ	Birch Farm	19.40	190	eP	P	12 19 45.5	-1.1
SNZO	South Karori	20.30	193	eP	P	12 19 52.5	-2.2
THZ	Topohue	21.16	196	eP	P	12 20 01.9	-0.6
THZ	Kahutara	21.62	195	eS	S	12 23 14.4	-4.5
KHZ	Wana	21.62	195	eP	P	12 20 04.8	-1.7
LTZ	Lake Taylor	22.28	197	eP	P	12 20 11.2	-1.2
OXZ	Oxford	22.85	197	eP	P	12 20 16.3	-1.1
CRLZ	Canterbury Las	22.93	195	eP	P	12 20 17.7	-0.4
MQZ	McQueen's Vall	23.05	195	eP	P	12 20 17.6	-1.5
RPZ	Rata Peaks	23.48	198	P	P	12 20 22.7	-0.3
RPZ	Rata Peaks	23.48	198	eP	P	12 20 22.4	-0.6
FOZ	Fox Glacier	23.69	200	eP	P	12 20 23.9	-0.9
LBZ	Lake Benmore	24.35	199	eP	P	12 20 29.6	-1.2
WKZ	Wanaka	25.10	200	eP	P	12 20 37.0	-0.4
MLZ	Mavora Lakes	25.88	201	eP	P	12 20 44.5	+0.3
DCZ	Deep Cove	26.29	202	eP	P	12 20 47.5	-0.2
WHZ	Wether Hill Ro	26.40	200	eP	P	12 20 49.7	+1.0
PYZ	Puyssegur Point	27.06	202	eS	S	12 24 52.7	+1.5
EIDS	Eidsvold	27.45	256	eP	P	12 20 58.4	+0.2
ARMA	Armidaale	27.55	245	eP	P	12 21 00.3	+1.2
CAN	Canberra	30.93	237	eP	P	12 21 29.1	+0.9
CTAO	Charters Tower	32.24	266	eP	P	12 21 39.7	+0.3
PMG	Port Moresby	34.48	285	P	P	12 21 57.4	-0.8
TAU	Tasmania Unive	35.03	225	eP	P	12 22 02.2	-0.1
STKA	Stephens Creek	36.27	245	P	P	12 22 13.4	+0.7
COEN	Coen	36.51	276	eP	P	12 22 15.2	+0.2
MANU	Manus Island	37.86	296	eP	P	12 22 26.1	+0.1
BBOO	Buckleboo	41.02	244	eP	P	12 22 50.8	-0.2
AS01	Alice Springs	43.10	258	eP	P	12 23 07.0	-0.4
AS31	Alice Springs	43.14	258	eP	P	12 23 07.0	-0.2
ASAR	Alice Springs	43.14	258	P	P	12 23 07.5	-0.2
ASAR	Alice Springs	43.14	258	P	P	12 23 07.5	-0.2
ASAR	Alice Springs	43.14	258	ScP	ScP	12 27 39.9	+2.0
ASAR	Alice Springs	43.14	258	S	S	12 28 49.1	-2.7
WRAB	Tennant Creek	43.20	263	eP	P	12 23 08.2	-0.8
KEKH	Kekaha	47.33	25	eP	P	12 23 39.9	+0.5
HPAH	Hawaii Prepara	47.35	31	eP	P	12 23 40.6	+0.8
FORT	Forrest	47.80	248	eP	P	12 23 42.5	-0.5
MNTN	Manton Dam	48.02	272	eP	P	12 23 44.1	-0.7
FAKI	Fak Fak	50.63	285	eP	P	12 24 03.0	-1.0
SOEI	Soe	55.38	273	eP	P	12 24 39.0	+1.2
BATI	Baumata	55.80	272	P	P	12 24 41.7	+1.2
MWBA	Marble Bar	56.48	258	eP	P	12 24 44.3	-0.8
VNDA	Vanda	56.72	185	eP	P	12 24 48.2	+2.5
LUWI	Luwuk	60.01	282	eP	P	12 25 09.3	+0.5
MRSI	Marisa	61.39	283	P	P	12 25 21.0	+3.1
MPSI	Mapaga	63.19	282	P	P	12 25 28.8	-0.7
JAGI	Jagaj, Banyuwya	65.22	270	eP	P	12 25 41.1	-1.2
UGM	Ugama	68.79	270	eP	P	12 26 04.1	-0.1
KKM	Kota Kinabalu	68.93	286	eP	P	12 26 04.9	-0.2
MJAR	Matsushiro Arr	70.42	325	P	P	12 26 10.6	-2.8
LEM	Lembang	71.86	270	P	P	12 26 22.8	+0.3
KSM	Kuching	72.42	279	eP	P	12 26 25.4	-0.1
YOJ	Yonaguni jima	72.43	306	eP	P	12 26 25.4	+0.1
YULB	Yu-I	73.14	304	eP	P	12 26 27.9	-1.5
TPUB	Te-pu	73.61	304	eP	P	12 26 30.2	-1.9
SSLB	Sauanguing	73.62	304	eP	P	12 26 30.9	-1.2
PETK	Petrovskovsk-	77.04	346	P	P	12 26 50.2	-0.2
NJ2	Nanjing	79.69	310	eP	P	12 27 06.4	+1.4
PMPB	Monarch Peak	79.72	44	eP	P	12 27 06.9	+1.8
RDG13	Poverty Ridge	79.83	43	eP	P	12 27 07.0	+1.3
HOP3	Hoiland Field	79.96	41	eP	P	12 27 08.0	+1.7
COCO	West Island	80.03	261	eP	P	12 27 06.5	-0.7
KCPM	Cahto Peak	80.08	40	eP	P	12 27 07.9	+0.9
PASC	Pasadena Art C	80.29	47	eP	P	12 27 09.1	+1.0
KMRM	Kamali Ridge	80.34	40	eP	P	12 27 10.1	+1.8
ARVC	Arvin	80.39	46	eP	P	12 27 09.5	+1.0
MWC	Mount Wilson	80.40	47	eP	P	12 27 09.7	+0.8
YES	Vestal, Richgr	80.63	46	P	P	12 27 11.1	+1.3
MURC	Murrieta	80.65	48	P	P	12 27 11.4	+1.4

BFSZ	Mount Baldy Ra	80.69	48	P	P	12 27 11.0	+0.8
MONP	Monument Peak	80.81	49	P	P	12 27 11.8	+0.7
EDWZ	Edwards Air Fo	80.82	47	P	P	12 27 11.7	+0.9
IKP	In-Ko-Pah, Jac	80.90	50	P	P	12 27 12.5	+1.1
ISA	Isabella, Lake	80.93	46	P	P	12 27 12.6	+1.2
ISA	Isabella, Lake	80.93	46	eP	P	12 27 12.6	+1.2
CMB	Columbia Colle	81.06	43	eP	P	12 27 12.9	+0.9
PFO	Pinyon Flats O	81.07	49	eP	P	12 27 13.8	+1.1
PFO	Pinyon Flats O	81.17	49	eP	P	12 27 14.0	+1.2
AFDM	Forest Hills D	81.23	42	eP	P	12 27 14.0	+1.1
WDC	Whiskeytown Da	81.26	40	eP	P	12 27 14.0	+1.1
ORV	Oroville	81.27	41	eP	P	12 27 13.8	+0.9
SWSC	Sam W. Stewart	81.28	50	P	P	12 27 14.1	+1.0
N02D	Trinity Center	81.41	40	eP	P	12 27 15.2	+1.5
O03D	Paynes Creek	81.53	41	P	P	12 27 15.3	+0.9
L02C	Gallatin	81.58	39	P	P	12 27 16.4	+1.8
M02Z	Cave Junction,	81.62	38	eP	P	12 27 16.1	+1.3
CWC	Cottonwood Cre	81.64	46	P	P	12 27 16.0	+0.8
MDPB	Devils Postpil	81.66	44	eP	P	12 27 16.3	+0.9
BELC	Belle Mtn, Jos	81.70	49	P	P	12 27 16.6	+1.1
MPMC	Manual Propsec	81.82	46	eP	P	12 27 17.0	+0.9
MLAC	Mammoth, Mammo	81.82	44	P	P	12 27 17.2	+1.1
GSC	Goldstone, Bar	81.86	47	P	P	12 27 17.1	+0.9
GSC	Goldstone, Bar	81.86	47	eP	P	12 27 17.1	+0.9
DAC	Diamond (Calif)	81.87	46	eP	P	12 27 17.2	+0.9
YBH	Yreka Blue Hor	81.87	39	P	P	12 27 17.2	+1.1
YBH	Yreka Blue Hor	81.87	39	eP	P	12 27 17.5	+1.4
BC3	Big Chuckawall	81.90	49	P	P	12 27 17.6	+1.2
HEC	Hector, Ludlow	81.92	48	P	P	12 27 17.5	+0.9
WAKR	Walker	81.94	43	eP	P	12 27 18.0	+1.3
GLA	Glamis	82.02	50	P	P	12 27 18.2	+1.2
GLA	Glamis	82.02	50	eP	P	12 27 18.4	+1.4
IPM	Ippoh	82.12	278	eP	P	12 27 18.3	+0.3
BEKR	Beckworth	82.16	42	eP	P	12 27 18.6	+0.8
PNTR	Pine Nut	82.18	43	eP	P	12 27 19.0	+1.1
HUMO	Hull Mountain	82.28	38	eP	P	12 27 19.6	+1.6
YERR	Yerington	82.34	43	eP	P	12 27 19.6	+0.9
GMRC	Granite Mounta	82.36	48	P	P	12 27 19.7	+0.9
IRM	Iron Mountain	82.39	49	P	P	12 27 20.1	+1.3
M04C	Macdoel	82.42	39	P	P	12 27 20.1	+1.1
GRAC	Grapevine Rang	82.42	45	P	P	12 27 20.5	+1.6
FURC	Furnace Creek,	82.46	46	P	P	12 27 20.6	+1.6
CN2	Chocomaun	82.47	323	eP	P	12 27 26.4	+7.5
Y12C	Blythe	82.61	49	P	P	12 27 21.2	+1.4
Y12C	Blythe	82.61	49	eP	P	12 27 21.2	+1.4
NV01	Mina Array Sit	82.62	44	eP	P	12 27 21.1	+1.0
NVAR	Mina Array Bea	82.62	44	P	P	12 27 21.0	+0.8
113A	Mohawk Valley,	82.63	51	eP	P	12 27 21.0	+1.0
PAHR	Pah Rah Range	82.67	42	eP	P	12 27 21.5	+1.3
NV11	Mina Array Sit	82.72	44	eP	P	12 27 21.4	+0.9
I03D	Drain, OR	82.73	37	P	P	12 27 21.7	+1.4
214A	Organ Pipe Nat	82.91	52	P	P	12 27 22.4	+0.9
NEE2	Needs Airpor	83.08	49	P	P	12 27 23.3	+1.1
KVN	Kaiserville	83.11	43	eP	P	12 27 23.2	+0.7
TPNV	Topopah Spring	83.14	46	P	P	12 27 23.6	+1.0
TPNV	Topopah Spring	83.14	46	eP	P	12 27 23.5	+0.8
J04D	Umpqua Nationa	83.16	38	P	P	12 27 24.1	+1.4
I04A	Tendick Farm,	83.33	38	P	P	12 27 24.5	+1.3
MOD	Modoc Plateau	83.41	40	eP	P	12 27 25.1	+1.2
PSI	Prapa	83.44	276	eP	P	12 27 23.9	-0.7
K05A	Summer Lake	83.55	39	eP	P	12 27 26.1	+1.4
SHPR	Sheep Range	83.63	47	eP	P	12 27 26.2	+1.1
J05D	Fork Rock, OR	83.69	39	P	P	12 27 26.7	+1.4
W13A	Hualapai Mount	83.76	49	eP	P	12 27 26.1	+0.2
Y14A	Wickenburg	83.78	50	eP	P	12 27 27.1	+1.3
H04A	Detroit Lake	84.00	37	eP	P	12 27 27.4	+1.8
GSI	Gungunssitok	84.13	274	eP	P	12 27 29.2	+0.3
I05D	Terrebonne, OR	84.27	38	P	P	12 27 29.2	+1.3

5d 13h

Table with columns: EIDS, Eidslow, 38.56 1668 eP, P, 13 09 34.6 +0.7, HHC, Hu-hao-te, 39.22 322 eP, pmax, pmax, 13 09 40.5 +1.1, etc.

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Table with columns: ARU, ARU, comp=Z,12nm,2.5s, S, S, 13 23 33.1 +1.8, GEYT, Alibek, 78.16 306 P, pmax, pmax, 13 14 08.2 -0.4, etc.

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Table with columns: GCMT 05 13:18:55.6, 0.4, 14:47N, 93:61W, h18km, 1km, MW5, 0/79, Moment Tensor Solution, s48,c62, s79,c114, Duration: 0, etc.

142A	baz=202 Monroe	18.02	4	P	P	13 23 03.6 +0.5	X301	Greenbrier Sit	20.68	2	eP	P	13 23 32.9 +0.7	baz=192 Santo Domingo	22.84	102	P	P	13 23 53.0 -2.8	
140A	Cam Simpson, baz=181	18.04	1	P	P	13 23 04.3 +1.0	WHAR	Wooly Hollow	20.73	2	eP	P	13 23 33.2 +0.5	SDV	Santo Domingo	22.84	102	eP	P	13 23 53.3 -1.4
141A	Papa and Jess, baz=179	18.03	359	P	P	13 23 04.6 +0.9	WMOK	Wichita Mounta	20.77	347	P	P	13 23 34.3 +1.2	T46A	Princeton	22.97	11	eP	P	13 23 56.7 +0.1
351A	Pinckard baz=205,SNR=8.1	18.13	22	P	Pn	13 23 04.1 -0.3	WMOK	Wichita Mounta	20.77	347	eP	P	13 23 34.0 +0.9	BNN	Barren Site	23.01	331	eP	P	13 23 59.3 +2.0
MOTC	Monterea, Cord	18.14	106	eP	Pn	13 23 02.8 -2.0	GOGA	Godfrey	20.84	24	P	P	13 23 33.3 -0.6	S40A	Lebanon	23.03	2	P	P	13 23 57.2 0.0
143A	Socs Landing, baz=186,SNR=9.5	18.21	5	P	P	13 23 05.9 +0.4	GOGA	Godfrey	20.84	24	eP	P	13 23 34.5 +0.6	S41A	Jillico Farms,	23.05	3	P	P	13 23 57.5 +0.1
248A	Dixon Mills baz=198	18.24	15	P	P	13 23 05.7 +0.1	X49A	Woodville	20.90	16	P	P	13 23 34.7 +0.2	S38A	Stockton	23.06	359	P	P	13 23 57.2 -0.3
145A	Houston Renfro baz=191	18.29	9	P	Pn	13 23 06.6 +0.3	W45A	Hickory Valley	20.91	9	P	P	13 23 35.2 +0.6	T47A	Sharon Grove	23.07	13	P	P	13 23 57.1 -0.5
249A	Camden baz=199,SNR=10	18.29	17	P	P	13 23 06.2 +0.1	ROSC	El Rosal	20.98	115	P	P	13 23 34.2 -1.8	Y22E	IRIS PASCALL	23.09	330	P	P	13 23 59.3 +1.3
146A	Union baz=193	18.47	11	P	P	13 23 08.5 -0.1	ROSC	El Rosal	20.98	115	eP	Pn	13 23 38.0 -1.1	S39A	Solivar	23.11	360	P	P	13 23 56.9 -1.2
250A	Grady baz=202	18.55	19	P	P	13 23 08.8 -0.1	W46A	Michie	21.02	11	P	P	13 23 37.1 +1.2	LPM	Los Pinos Moun	23.14	331	eP	P	13 24 00.0 +1.4
147A	Livingston baz=195,SNR=17	18.67	13	P	P	13 23 10.6 +0.3	EPT	El Paso	21.04	327	eP	P	13 23 36.7 +0.4	S43A	Fulton Ridge	23.16	6	P	P	13 23 57.2 -1.4
Z40A	Long Farm, Mag baz=180	18.69	360	P	Pn	13 23 11.9 +0.7	X50A	Fort Payne	21.04	108	eP	P	13 23 36.0 -0.1	KMSC	Kings Mountain	23.20	25	eP	P	13 23 58.2 -0.8
Z41A	Richland Creek baz=182,SNR=9.0	18.69	1	P	Pn	13 23 11.4 +0.2	PRAC	Prado	21.05	119	eP	P	13 23 36.1 -0.3	KMSC	Kings Mountain	23.20	25	eP	P	13 23 57.9 -1.1
LPIG	La Paz comp=Z,2.5nm,0.3s,baz=243,slow=5.7,SNR=4.9	18.70	303	P	Pn	13 23 14.0 +2.6	PRAC	Prado	21.05	119	eP	P	13 23 36.6 +0.2	S37A	Forcort	23.22	357	P	P	13 23 59.0 -0.1
LPIG	LR	13 29 32.6					OK020	N3460 Road, Pr	21.18	352	eP	P	13 23 38.4 +0.8	S36A	Lake Cedric, C	23.23	355	P	P	13 23 58.9 -0.3
Z43A	Armstrong Fami baz=186	18.73	5	P	Pn	13 23 11.6 -0.1	OK020	N3440 Road, Me	21.21	352	eP	P	13 23 38.4 +0.5	S35A	Otter Creek Ra	23.26	354	P	P	13 23 59.4 -0.1
Z42A	Norrel Spur, H baz=184	18.74	3	P	P	13 23 11.7 -0.1	MSTX	Muleshoe	21.22	338	P	P	13 23 39.0 +0.9	S42A	Caledonia	23.29	5	P	P	13 23 58.9 -0.9
148A	Greensboro baz=198	18.81	15	P	Pn	13 23 12.6 0.0	MSTX	Muleshoe	21.22	338	eP	P	13 23 38.8 +0.6	T48A	Bowling Green	23.35	14	P	P	13 23 59.8 -0.6
Z44A	Pea Ridge, Bel baz=189,SNR=9.4	18.88	7	P	Pn	13 23 14.0 +0.5	V40A	Wits Springs	21.23	1	P	P	13 23 39.0 +0.9	S34A	Willow Spring	23.37	352	P	P	13 24 01.0 +0.5
251A	Midway baz=204	18.94	21	P	P	13 23 13.2 0.0	V41A	Mountainview	21.23	2	P	P	13 23 39.7 +0.6	S44C	Carbondale	23.39	8	P	P	13 23 60.0 -0.7
ABTX	Abilene, Hawle baz=161,SNR=14	18.97	343	P	Pn	13 23 15.0 +0.4	BARC	Barbara	21.23	310	eP	P	13 23 39.3 +0.7	S44C	Southern Illin	23.41	8	eP	P	13 23 59.1 -1.9
ABTX	Abilene, Hawle comp=Z,35nm,0.9s	18.97	343	eP	Pn	13 23 14.8 +0.2	OK021	N3330 Road, Sp	21.25	352	eP	P	13 23 39.8 +1.4	LAZ	Ladron	23.46	330	eP	P	13 24 03.7 +2.0
149A	Jones baz=200,SNR=9.3	19.37	17	P	P	13 23 13.9 +0.4	V39A	Pettigrew	21.26	359	P	P	13 23 39.1 +0.6	S45A	Carrier Mills	23.47	9	P	P	13 24 01.6 +0.1
Z46A	Louisville baz=193,SNR=12	19.03	11	P	P	13 23 14.6 +0.4	V42A	Coy	21.30	4	P	P	13 23 39.3 +0.5	FVM	French Village	23.54	6	P	P	13 23 59.5 -2.7
TIGA	Tifton baz=210,SNR=20	19.06	26	P	P	13 23 14.4 -0.2	W47A	Westpoint	21.30	13	P	P	13 23 38.9 0.0	CCM	Cathedral Cave	23.54	4	P	P	13 24 01.4 -0.8
TIGA	Tifton comp=Z,144nm,0.8s	19.06	26	eP	P	13 23 14.1 -0.5	V38A	Canehill	21.31	357	P	P	13 23 39.4 +0.5	CCM	Cathedral Cave	23.54	4	eP	P	13 24 00.0 -2.2
Z45A	Winona baz=191,SNR=9.5	19.08	9	P	P	13 23 15.3 +0.6	W48A	Pulaski	21.34	14	P	P	13 23 39.1 -0.1	ANMO	Albuquerque	23.58	332	eP	P	13 24 04.1 +1.2
WLAR	White Oak Lake comp=Z,83nm,1.1s	19.11	0	eP	Pn	13 23 16.2 -0.2	V36A	Jenks	21.34	354	P	P	13 23 40.3 +0.9	ANMO	Albuquerque	23.58	332	eP	P	13 24 03.6 +0.7
456A	Hilliard baz=215	19.18	31	P	P	13 23 15.0 -0.9	V37A	Hulbert	21.37	356	P	P	13 23 40.5 +0.9	R38A	Fenwick Farm,	23.61	359	P	P	13 24 02.5 -0.4
150A	Eclectic baz=202	19.21	19	P	P	13 23 16.0 -0.2	PAMC	Pamplona, Colo	21.40	107	eP	P	13 23 40.0 -0.6	TZTN	Tazewell	23.62	20	P	P	13 24 02.2 -0.8
Z47A	Carrollton baz=196,SNR=12	19.22	13	P	P	13 23 16.5 +0.2	V35A	Meyer Ranch, C	21.43	352	eP	P	13 23 41.3 +1.2	S46A	Don Dixon Farm	23.62	11	P	P	13 24 02.0 -0.9
PLMC	San Jos' del	19.24	118	eP	Pn	13 23 18.7 +0.6	V35A	Meyer Ranch, C	21.43	352	eP	P	13 23 41.4 +1.2	R40A	Mudley Station	23.73	2	P	P	13 24 03.4 -0.5
HELX	Santa Helena comp=Z,27nm,0.9s	19.29	113	eP	P	13 23 16.9 -0.7	TUL1	Leonard	21.45	354	P	P	13 23 41.1 +0.7	R39A	Chumby, Stover	23.73	0	P	P	13 24 03.6 -0.3
Y42A	Garnett, Star baz=185	19.31	4	P	Pn	13 23 18.2 -0.4	TUL1	Leonard	21.45	354	eP	P	13 23 41.0 +0.5	R37A	Teagarden Farm	23.77	357	P	P	13 24 03.9 -0.4
Y41A	Eaglette Beard baz=182	19.32	2	P	Pn	13 23 18.4 -0.4	CHIC	Chickasha	21.59	115	eP	P	13 23 43.3 +0.7	R41A	Rosebud	23.77	4	P	P	13 24 03.1 -1.3
LRAL	Lakeview Retre baz=199,SNR=12	19.32	16	P	P	13 23 17.6 +0.2	RUSC	La Rusia	21.61	111	eP	P	13 23 42.0 -0.9	R42A	Luebbering	23.80	5	P	P	13 24 03.9 -0.7
LRAL	Lakeview Retre comp=Z,35nm,1.0s	19.32	16	eP	P	13 23 17.7 +0.2	FLOC	Florencia	21.62	125	eP	P	13 23 42.5 +0.1	R36A	Gordon, Haskis	23.82	356	P	P	13 24 04.4 -0.5
457A	Yulee baz=216	19.33	32	P	P	13 23 17.0 -0.5	SWET	Sevaca	21.67	16	eP	P	13 23 43.7 +0.8	R43A	Red Bud	23.88	6	P	P	13 24 04.5 -0.8
151A	Opekla baz=204,SNR=14	19.36	21	P	P	13 23 18.0 +0.1	AMTX	Amarillo	21.68	341	P	P	13 23 43.9 +0.9	TUC	Tucson	23.88	321	P	P	13 24 06.3 +0.8
Y40A	Okolona baz=189,SNR=12	19.44	360	P	Pn	13 23 19.7 -0.5	AMTX	Amarillo	21.68	341	eP	P	13 23 43.5 +0.5	TUC	Tucson	23.88	321	eP	P	13 24 06.5 +1.0
Y43A	Makyla and Ka baz=187	19.45	6	P	P	13 23 19.6 +0.8	HHAR	Hobbs	21.71	359	eP	P	13 23 44.0 +0.7	R35A	Emporia Munic	23.88	354	P	P	13 24 05.1 -0.3
Z48A	Northport baz=197	19.51	14	P	P	13 23 19.8 +0.4	V46A	Holladay	21.72	11	P	P	13 23 42.6 -0.8	S48A	Wiedeman Farm,	23.95	14	P	P	13 24 05.0 -1.0
Y36A	Durant baz=172,SNR=5.9	19.52	352	P	Pn	13 23 21.0 -0.2	U40A	Yellville	21.78	1	P	P	13 23 44.5 +0.5	R44A	Waltonville	23.95	8	P	P	13 24 05.1 -0.9
Y44A	Strider, Charl baz=189	19.58	8	P	P	13 23 20.8 +0.5	U41A	Viola	21.80	3	P	P	13 23 44.5 +0.3	R34A	Isabella, Hill	23.98	352	P	P	13 24 06.2 -0.1
Y45A	Yeager Farm, C baz=191,SNR=9.1	19.59	9	P	P	13 23 20.6 +0.3	U39A	Green Forest	21.80	360	P	P	13 23 44.9 +0.6	R45A	Skylar, Fairri	24.12	10	P	P	13 24 06.5 -1.0
Z49A	Columbiana baz=200,SNR=16	19.60	17	P	P	13 23 21.1 +0.6	HSIG	comp=Z,31nm,1.2s	21.84	314	eP	P	13 23 45.8 +1.1	R46A	Gibson Southern	24.17	11	P	P	13 24 07.2 -0.8
Y0TC	Yotoco, Valle baz=198,SNR=12	19.68	120	eP	Pn	13 23 22.7 -0.6	U42A	Reverend	21.85	4	P	P	13 23 45.0 +0.3	SLM	Saint Louis	24.20	6	eP	P	13 24 07.3 -1.0
Y46A	Houston baz=193,SNR=28	19.72	11	P	P	13 23 22.9 -0.6	VILC	Nunnally	21.87	13	P	P	13 23 44.8 -0.1	Q37A	Longview Farm	24.32	358	P	P	13 24 09.2 -0.2
HORQ	Saladito	19.72	122	eP	Pn	13 23 24.0 0.0	U38A	Gravette	21.87	358	P	P	13 23 45.3 0.0	Q38A	Cooks Store, C	24.38	359	P	P	13 24 09.4 -0.5
Z50A	Ashland baz=202,SNR=7.3	19.84	18	P	P	13 23 23.3 +0.2	U37A	Salina	21.89	356	P	P	13 23 45.7 +0.5	Q35A	Mercer Eighty,	24.40	355	P	P	13 24 09.7 -0.4
X40A	Basin Creek Fa baz=181	19.92	1	P	P	13 23 24.7 +0.8	U36A	Oolah	21.93	355	P	P	13 23 46.3 +0.4	Q40A	Laux Farm, Aux	24.43	2	P	P	13 24 09.8 -0.7
X41A	Kaden, Bauxite baz=182,SNR=20	19.93	2	P	P	13 23 24.5 +0.4	V48A	Smith Brothers	21.94	14	P	P	13 23 44.8 -0.9	Q41A	Truxton	24.44	4	P	P	13 24 09.6 -0.8
Y47A	UCPARC, Winfie baz=196,SNR=6.0	19.94	13	P	P	13 23 24.5 +0.3	U43A	Recto	21.94	6	P	P	13 23 46.1 +0.4	WCI	Wyandotte Cave	24.44	13	P	P	13 24 09.5 -1.0
X39A	Fountain Ranch baz=178	19.95	358	P	P	13 23 25.														

P41A	Barry, Barry	25.16	4	P	P	13 24 16.9	-0.1
P44A	Sand Creek, WI	25.22	8	P	P	13 24 17.3	-0.2
P43A	Skagg Pawnee	25.27	7	P	P	13 24 17.2	-0.8
BLO	Bloomington	25.30	12	eP	P	13 24 16.9	-1.3
BLA	Blacksburg	25.36	24	eP	P	13 24 19.2	+0.3
P45A	Graceland, Par	25.41	10	P	P	13 24 18.8	-0.5
O38A	Galt	25.54	360	P	P	13 24 20.4	0.0
O40A	La Belle	25.57	2	P	P	13 24 19.5	-1.1
SDCO	Great Sand Dun	25.59	337	P	P	13 24 22.3	+1.1
SDCO	Great Sand Dun	25.59	337	eP	P	13 24 22.8	+1.6
O36A	Bolckow	25.59	357	P	P	13 24 19.9	-1.0
O37A	Wolven Farm, M	25.59	358	P	P	13 24 20.8	-0.2
P46A	Rosedale	25.59	11	P	P	13 24 20.0	-0.9
O41A	Passleys Farm,	25.62	4	P	P	13 24 20.4	-0.7
O39A	Kirksville	25.68	1	P	P	13 24 21.3	-0.4
X16A	Lo Mia Camp, P	25.75	324	eP	P	13 24 24.7	+2.0
O42A	Bath	25.76	6	P	P	13 24 22.4	-0.1
O34A	Beatrice	25.77	354	P	P	13 24 22.5	0.0
KSCO	Keye Shedlock'	25.78	343	eP	P	13 24 23.5	+0.7
O35A	Humboldt	25.79	355	P	P	13 24 21.9	-0.8
O43A	Sugar Creek Fa	25.93	7	P	P	13 24 22.9	-1.1
ATAH	Atahualpa	26.06	145	P	P	13 24 27.9	+2.0
ATAH	Atahualpa	26.06	145	eP	P	13 33 05.7	
113A	Mohawk Valley,	26.06	313	eP	P	13 24 26.9	+1.7
S22A	4UR Ranch, Cre	26.11	335	P	P	13 24 27.0	+1.0
S22A	4UR Ranch, Cre	26.11	335	eP	P	13 24 27.8	+1.8
O45A	Potomac	26.12	10	P	P	13 24 24.5	-1.2
HDIL	Hopedale	26.20	7	P	P	13 24 25.5	-0.9
HDIL	Hopedale	26.20	7	eP	P	13 24 24.9	-1.5
N38A	Joe South For	26.21	0	P	P	13 24 25.5	-0.9
SJG	San Juan	26.26	78	LR	LR	13 36 01.7	
N39A	Derby Farms, D	26.30	1	P	P	13 24 26.4	-0.9
N40A	Mertquake, Sal	26.34	3	P	P	13 24 27.0	-0.7
Y14A	Wickenburg	26.35	321	eP	P	13 24 29.7	+1.8
SFIN	Lafayette	26.35	11	P	P	13 24 26.2	-1.6
N35A	Tabor	26.36	356	P	P	13 24 28.0	+0.1
MVCO	Mesa Verde	26.38	332	P	P	13 24 30.4	+2.0
MVCO	Mesa Verde	26.38	332	eP	P	13 24 30.1	+1.7
N42A	Vates City	26.39	6	P	P	13 24 28.0	-0.1
N33A	J Bar K, Exete	26.41	353	P	P	13 24 29.2	+0.9
WU4Z	Wupatki	26.51	325	P	P	13 24 30.8	+1.3
WU4Z	Wupatki	26.51	325	eP	P	13 24 31.3	+1.8
Q24A	Divide	26.54	339	P	P	13 24 30.3	+0.4
Q24A	Divide	26.54	339	eP	P	13 24 31.1	+1.2
N43A	Stutzman Famil	26.59	7	P	P	13 24 29.8	-0.1
M37A	Trindle Farm,	26.82	359	P	P	13 24 32.2	+0.1
M38A	Pleasantville	26.83	0	P	P	13 24 31.4	-0.7
M40A	Post Highland	26.86	3	P	P	13 24 31.7	-0.7
M41A	Milan	26.89	5	P	P	13 24 32.0	-0.6
M36A	Felix, Anita	26.90	357	P	P	13 24 32.7	-0.1
M39A	Webster	26.91	2	P	P	13 24 32.0	-0.8
GLA	Glamis	26.94	317	P	P	13 24 34.6	+1.4
GLA	Glamis	26.94	317	eP	P	13 24 35.0	+1.7
M35A	Neola	26.96	356	P	P	13 24 33.5	+0.2
IP06	Vanceyville	27.00	27	eP	P	13 24 35.0	+1.4
M43A	Waltham Townsh	27.11	7	P	P	13 24 34.4	-0.2
PV01	Paradox Valley	27.18	333	eP	P	13 24 37.7	+2.1
Y12C	Blythe	27.18	319	eP	P	13 24 36.7	+1.4
Y12C	Blythe	27.18	319	P	P	13 24 36.6	+1.2
M33A	Taylor Creek F	27.20	354	P	P	13 24 36.1	+0.7
PDMCI	Parker Dam, Lak	27.29	320	P	P	13 24 37.9	+1.6
SCIA	State Center	27.32	0	eP	P	13 24 36.5	0.0
SCIA	State Center	27.32	0	P	P	13 24 35.5	-1.0
SMCO	Snowmass	27.40	336	eP	P	13 24 39.1	+1.4
ISCO	Idaho Springs	27.44	339	P	P	13 24 38.8	+0.8
ISCO	Idaho Springs	27.44	339	eP	P	13 24 39.5	+1.5
CBN	Corbin Frederi	27.50	28	P	P	13 24 37.6	-0.5
L34A	Svendsen Farm,	27.51	355	P	P	13 24 38.3	+0.1
SWSC	Sam W. Stewart	27.52	316	P	P	13 24 39.9	+1.5
L40A	Anamosa	27.53	3	P	P	13 24 37.7	-0.6
PV04	Paradox Valley	27.54	333	eP	P	13 24 40.5	+1.8
L36A	Harm Buss Farm	27.54	358	P	P	13 24 38.6	+0.2
L37A	Phoenix Point,	27.54	359	P	P	13 24 38.2	-0.3
L38A	Oak Wood Farm,	27.55	0	P	P	13 24 38.9	+0.3
IKP	In-Ko-Pah, Jac	27.56	315	P	P	13 24 40.4	+1.6
L39A	Winton	27.56	2	P	P	13 24 38.9	+0.3
PV10	Paradox Valley	27.58	333	eP	P	13 24 40.2	+1.0
L41A	Preston	27.59	4	P	P	13 24 38.0	-0.9
L42A	Oliver, Polo	27.59	6	P	P	13 24 37.5	-1.5
L35A	Bielow Farm, R	27.60	356	P	P	13 24 38.9	0.0
W13A	Hualapai Mount	27.67	322	eP	P	13 24 41.7	+1.7
U15A	North Rim	27.69	326	eP	P	13 24 42.5	+2.3
BC3	Big Chuckawall	27.72	317	P	P	13 24 41.9	+1.6
L32A	Elgin	27.72	352	P	P	13 24 40.5	+0.4
PV09	Paradox Valley	27.73	333	eP	P	13 24 42.3	+1.8
IRM	Iron Mountain	27.83	319	P	P	13 24 42.8	+1.6

MONP2	Monument Peak	27.91	315	P	P	13 24 43.2	+1.1
K38A	Parkersburg	28.06	1	P	P	13 24 43.4	+0.3
K36A	Gilgracy Camp	28.07	358	P	P	13 24 43.5	+0.3
K41A	Shullsburg	28.14	5	P	P	13 24 43.8	0.0
K39A	Oelwein	28.14	2	P	P	13 24 43.6	-0.3
K40A	Colesburg	28.17	3	P	P	13 24 43.3	-0.8
K37A	Belmond	28.18	359	P	P	13 24 43.5	-0.7
K35A	Storm Lake	28.18	357	P	P	13 24 44.1	-0.1
K34A	Le Mars	28.20	356	P	P	13 24 44.8	+0.4
PCRV	Puerto La Cruz	28.28	95	LR	LR	13 36 52.0	
BELC	Belle Mtn. Jos	28.29	317	P	P	13 24 46.9	+1.5
TPFO	Pinon Flats	28.35	316	P	P	13 24 47.2	+1.2
XPFO	Pierson Flat	28.36	316	eP	P	13 24 48.0	+2.0
PFO	Pinyon Flats O	28.36	316	P	P	13 24 47.1	+1.1
PFO	Pinyon Flats O	28.36	316	eP	P	13 24 47.9	+1.1
K32A	Verdigre	28.36	353	P	P	13 24 46.4	+0.6
K42A	Prairie Point,	28.39	6	P	P	13 24 45.5	-0.6
LDFC	Landfair	28.40	320	eP	P	13 24 50.0	+3.6
K31A	O'Neill	28.43	351	P	P	13 24 46.9	+0.5
JFWS	Jewell Farm	28.45	5	P	P	13 24 46.1	-0.4
JFWS	Jewell Farm	28.45	5	eP	P	13 24 45.6	-0.9
N23A	Red Feather La	28.54	340	P	P	13 24 48.4	+0.7
N23A	Red Feather La	28.54	340	eP	P	13 24 48.9	+1.2
GMRC	Granite Mounta	28.56	319	P	P	13 24 49.0	+1.2
LCMT	Little Creek M	28.64	325	eP	P	13 24 50.0	+1.5
O20A	White River Ci	28.72	336	P	P	13 24 49.9	+0.7
O20A	White River Ci	28.72	336	eP	P	13 24 50.5	+1.3
J37A	Redenius Farm,	28.72	360	P	P	13 24 48.2	-0.8
J38A	Wedel Dairy, R	28.74	1	P	P	13 24 49.7	+0.5
PHWV	Pilot Hill	28.74	341	eP	P	13 24 50.7	+1.2
J36A	Seneca 1, Swea	28.76	358	P	P	13 24 48.7	-0.5
J39A	Decorah	28.78	2	P	P	13 24 49.9	+0.4
J34A	George	28.79	356	P	P	13 24 48.8	-0.9
N54A	Moraine State	28.80	21	P	P	13 24 50.3	+0.3
J35A	Milford	28.83	357	P	P	13 24 50.3	+0.3
MTPU	Mount Pierson	28.83	328	eP	P	13 24 51.8	+1.4
SRU	San Rafael Swe	28.86	331	eP	P	13 24 52.4	+1.9
J40A	Soldiers Grove	28.89	4	P	P	13 24 50.1	-0.3
J33A	Davis	28.91	354	P	P	13 24 50.3	-0.3
J41A	Loganville	28.91	5	P	P	13 24 49.6	-1.1
J42A	Shurtz	28.95	6	P	P	13 24 50.9	-0.1
WZCU	Shurtz Canyon	28.98	326	eP	P	13 24 53.8	+2.2
Q16A	Castle Valley	29.01	330	eP	P	13 24 54.0	+2.1
HEC	Hector, Ludlow	29.02	318	P	P	13 24 54.4	+2.5
J32A	Parkston	29.05	323	P	P	13 24 52.0	+0.1
CCUT	Cedar City	29.09	356	eP	P	13 24 54.9	+2.3
P18A	Preston Nutter	29.15	332	eP	P	13 24 54.9	+1.7
P17A	Butler Ranch,	29.25	332	eP	P	13 24 55.6	+1.7
ECSD	EROS Data Cent	29.29	355	P	P	13 24 53.9	-0.1
ECSD	EROS Data Cent	29.29	355	eP	P	13 24 53.4	-0.6
I39A	Houston	29.30	3	P	P	13 24 53.9	-0.2
I35A	Creekview Farm	29.30	357	P	P	13 24 53.7	-0.5
TMUT	Trail Mountain	29.32	331	eP	P	13 24 56.1	+1.4
SHPR	Sheep Range	29.38	322	eP	P	13 24 57.2	+2.1
I34A	Hadley	29.53	356	P	P	13 24 56.1	-0.1
BFSC	Mount Baldy Ra	29.54	316	P	P	13 24 57.5	+1.1
I33A	Colman	29.61	355	P	P	13 24 56.8	-0.1
I41A	Arkdale	29.61	5	P	P	13 24 56.1	-0.8
GSC	Goldstone, Bar	29.61	319	eP	P	13 25 00.2	+3.0
I32A	Karley and N	29.66	354	P	P	13 24 57.4	+0.1
SHOC	Shoshone, Tec	29.66	320	P	P	13 24 59.2	+1.7
RWWY	Rawlins	29.68	339	eP	P	13 25 00.1	+2.2
MWC	Mount Wilson	29.80	316	eP	P	13 25 01.1	+2.2
H36A	Jessenland, He	30.00	359	P	P	13 25 00.7	+0.5
PSUT	Pine Spring	30.07	327	eP	P	13 25 03.6	+2.3
MPU	Maple Canyon	30.09	331	eP	P	13 25 03.2	+1.7
H38A	Maiden Rock	30.10	1	P	P	13 25 00.8	-0.4
H32A	Carlson Farm,	30.13	354	P	P	13 25 01.0	-0.5
H40A	Chili	30.13	4	P	P	13 25 00.1	-1.3
EDW2	Edwards Air Fo	30.14	317	P	P	13 25 02.5	+0.8
H39A	Augusta	30.14	3	P	P	13 25 00.7	-0.8
H35A	Sunnyside Ranc	30.14	358	P	P	13 25 00.7	-0.8
H34A	Spellman Lake,	30.16	356	P	P	13 25 02.0	+0.4
H42A	Shiocton	30.19	7	P	P	13 25 01.7	-0.3
H33A	Pre Over Nor	30.24	355	P	P	13 25 02.3	-0.1
SUSD	Miller	30.25	352	P	P	13 25 02.7	+0.2
NLU	North Lily Min	30.25	331	eP	P	13 25 04.4	+1.5
LRMC	Laurel Mtn Rad	30.29	318	P	P	13 25 04.3	+1.2
K22A	Casper	30.30	340	P	P	13 25 04.0	+0.8
K22A	Casper	30.30	340	eP	P	13 25 04.2	+1.0
TPNV	Topopah Spring	30.33	322	eP	P	13 25 04.8	+1.3
TPNV	Topopah Spring	30.33	322	P	P	13 25 05.1	+1.6
FURC	Furnace Creek,	30.39	320	P	P	13 25 05.2	+1.4
JLU	Jordanelle	30.48	332	eP	P	13 25 06.3	+1.5

MPMC	Manual Prospec	30.52	319
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Table with columns: Station, Name, Time, Az, Op, Phase, Res, ISC, H, m, s, ISC. Includes stations like MDND Maddock, PNTR Pine Nut, B33A Pine Nut, etc.

Table with columns: Station, Name, Time, Az, Op, Phase, Res, ISC, H, m, s, ISC. Includes stations like DLBC Dease Lake, CPUP Villa Florida, RKT Rikitea, etc.

Table with columns: Station, Name, Time, Az, Op, Phase, Res, ISC, H, m, s, ISC. Includes stations like KSH Kashi, KSH Kashi, KSH Kashi, etc.

IDC 05 13:28:52.5:2.3, 14.58N:93.11W, h48km, 7km, mb3.4/6, mb1.3/7.9, mb1mx3.5/45, mbtmp3.6/9, Error ellipse: s-maj=87.8km s-min=19.4km az=39.0

MEX 05 13:20:01.9:0.5, 14.23N:93.40W, h16km, 181km, MD4.1, ISC 05 13:28:48.0:0.9, 14.03N, 0.08:93.71W, 0.09, h22km, n13, 0.259:20.0, mb4.0/6, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Op, Phase, Time, Res, ISC, H, m, s, ISC. Includes stations like PCIG Comitan, CCG Comitan, TGIG Comitan, etc.

NIED 05 14:16:00.38:50N:142:30E, h44km, Mw4.0 Best double couple: M1.050000*1015 N1.9s144.0000*, delta2.00000*, lambda-2.00000*, NP2:p236.0000*, delta9.00000*, lambda-112.00000*

ISCJB 05 14:16:57.0:0.7, 38.44N:0.03:142:37E:0.06, h40km, 6km, mb4.2/18, Error ellipse: s-maj=8.2km s-min=5.2km az=23.1

JMA 05 14:16:57.9:0.1, 38.45N:142:29E, h36km, 2km, M4.0, JMA Feil J JMA 05 14:16:59.0:0.9, 38.47N:142:35E, h42km, 7km, mb3.8/14, IDC 05 14:16:59.3:0.6, 38.47N:142:35E, h42km, 7km, mb3.8/14, Mb1.3/8.2, mb1mx3.7/64, mbtmp4.0/20, ML3.2/6, MS2.5/3, Ms1.2, 5/3, mb1mx2.4/56, Error ellipse: s-maj=19.2km s-min=14.5km az=101.0

NEIC 05 14:16:59.3:0.6, 38.47N:142:35E, h46km, 5km, mb4.6/5, Error ellipse: s-maj=11.9km s-min=5.3km az=125.0, NEIC Recorded [1 JMA] in Iwate and Miyagi.

ISC 05 14:16:57.0:0.7, 38.41N:0.04:142:34E:0.06, h27km, 3km, h27km, n13, p63, c160:770, mb4.2/19, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Op, Phase, Time, Res, ISC, H, m, s, ISC. Includes stations like JIO Ouri, JIO Ofunato, OFUJ Ofunato, etc.

5d 14h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like WAKE ISLAND, Lanzhou, Chengdu, Kunming, etc.

ISC/JB 05 14:19:39.3, 0.2, 13.29N, 0.02, 89.11W, 0.02, h96km, 1km, mb4, 7/151, Error ellipse: s-maj=4.8km s-min=2.0km

SSS 05 14:19:39.3, 0.2, 13.25N, 89.18W, h83km, ML5.2, MW4.9, IDC 05 14:19:39.4, 0.6, 13.57N, 88.71W, h91km, mb4, 2/28, mb1 4/31, mb1mx4 3/47, mbtmp4 6/31, MS3 6/21, Ms1 3.6/21, ms1mx3.5/40, Error ellipse: s-maj=15.1km s-min=8.3km az=53.0

NEIC 05 14:19:39.3, 0.2, 13.31N, 89.02W, mb4, 8/140, MD5.1(SNET), Error ellipse: s-maj=4.7km s-min=2.9km az=225.0

NEIC Felt (IV) at San Salvador. Also felt at Antigua Cuscatlan, Coatepeque, Cuscatancingo, Santo Tomas and Sonsonate. Felt at Tegucigalpa, Honduras.

GCMT 05 14:19:39.3, 0.2, 13.19N, 89.23W, h93km, 6km, MW4.9/7.1, Moment Tensor Solution: s1 7.19; s7 1.9; c66; Duration: 0. Moment tensor: Scale 10^16Nm; M1=0.55; 1.5; M2=0.49; 1.3; M3=1.04; 1.4; M4=1.67; 0.6; M5=0.95; 1.3; M6=1.12; 0.8; Best double couple: M2, 3.7900x10^16 Np1=302.00000; s82.00000; -1.17.00000; NP2=0.196.00000; s28.00000; -18.00000; Principal axes: T 2.5600, Plg31.0000, Azms4.0000; P -2.1970, Plg47.0000; Azm184.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

UCR 05 14:19:39.1, 1.6, 13.26N, 89.15W, h81km, 7km, MD4.4, ML4.9, mb4, 5/NEIC

INET 05 14:19:40.2, 1.3, 18N, 89.14W, h57km, ML4.6, UCR 05 14:20:24.6, 10.96N, 86.47W, h4km, MD4.2, ISC 05 14:19:39.0, 0.4, 13.34N, 0.04, 89.10W, 0.04, h93km, 3km, h93km; p-P, n708, s1935742, mb4, 8/151, 3C-6D, EI Salvador

Main station list table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other technical details. Includes stations like Las Flores, El Faro, San Marcos, Soyapango, etc.

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Main station list table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ACON Acopyapa, CRZI La Cruz, CCGS Comitán, etc.

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Main station list table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Livingston, Greensboro, 149A, 150A Eclectic, etc.

W39A	Poteau	22.18	348	P	P	14 24 29.5	+1.9
BG3	Lake Jocassee	22.26	13	eP	P	14 24 30.1	+1.6
V45A	Humboldt	22.30	0	P	P	14 24 30.7	+1.8
V46A	Holladay	22.38	2	P	P	14 24 30.7	+1.0
CPCT	Cooper Cave	22.39	10	eP	P	14 24 31.0	+1.1
V48A	Smith Brothers	22.39	5	P	P	14 24 31.1	+1.3
V47A	Nunnally	22.43	3	P	P	14 24 31.8	+1.5
W37B	Quinton	22.44	346	P	P	14 24 31.9	+1.6
W37B	Quinton	22.44	346	eP	P	14 24 32.1	+1.7
V42A	Cord	22.46	355	P	P	14 24 32.3	+1.7
V41A	Mountainview	22.51	353	P	P	14 24 32.9	+1.8
GNAR	Gosnell	22.54	358	eP	P	14 24 33.0	+1.6
SJG	San Juan	22.58	75	P	P	14 24 30.1	-1.9
SJG						14 33 46.7	
V40A	Witts Springs	22.61	352	P	P	14 24 33.9	+1.8
WVT	Waverly	22.72	3	P	P	14 24 34.2	+1.0
WVT	Waverly	22.72	3	eP	P	14 24 33.4	+0.2
LP1G	La Paz	22.73	301	LR	LR	14 33 55.8	
TKL	Tuckaleechee C	22.73	11	P	P	14 24 31.8	-1.6
TKL						14 33 47.7	
V39A	Pettigrew	22.77	182	P	P	14 24 35.4	+1.6
KM5C	Kings Mountain	22.81	17	P	P	14 24 35.6	+1.5
KM5C	Kings Mountain	22.81	17	eP	P	14 24 35.8	+1.7
U44B	Burton Farm, H	22.90	359	P	P	14 24 36.3	+1.3
UTMT	University of	22.90	0	eP	P	14 24 35.3	+0.3
U45A	Rockin P Farm,	22.91	1	P	P	14 24 36.1	+1.1
V38A	Canehill	22.93	349	P	P	14 24 36.4	+1.1
U46A	Springville	22.93	2	P	P	14 24 36.5	+1.1
ATAH	Altahuapa	22.95	152	P	P	14 24 38.1	+1.9
ATAH						14 32 30.2	
U43A	Rector	22.96	357	P	P	14 24 36.9	+1.4
PVMO	Portageville	22.98	359	eP	P	14 24 37.8	+2.0
U42A	Reverend	22.99	356	P	P	14 24 37.3	+1.4
WMOK	Wichita Mounta	23.03	339	P	P	14 24 36.8	+0.5
WMOK	Wichita Mounta	23.03	339	eP	P	14 24 36.3	-0.1
U41A	Viola	23.04	354	P	P	14 24 54.1	-1.1
U47A	Clarksville	23.06	4	P	P	14 24 37.1	+0.5
OK32A	Hulbert	23.09	347	P	P	14 24 37.9	+1.0
V37A	N3560 Road, Pr	23.13	344	eP	P	14 24 37.4	+0.2
MTP	Monte Pirata	23.14	75	eP	P	14 24 36.5	-1.1
U40A	Fellville	23.16	352	P	P	14 24 39.0	+1.4
V36A	Jenks	23.18	346	P	P	14 24 38.8	+1.0
V36A	Jenks	23.18	346	eP	P	14 24 37.5	-0.2
U48A	Cassie Pea, P	23.18	5	P	P	14 24 38.4	+0.7
OK020	N3440 Road, Me	23.18	344	eP	P	14 24 38.4	+0.6
OK021	N3530 Road, Sp	23.20	344	eP	P	14 24 37.5	-0.5
PARMO	Parma	23.23	359	eP	P	14 24 39.8	+1.6
HHAR	Hobbs	23.25	350	eP	P	14 24 38.6	+0.2
TUL1	Leonard	23.26	346	P	P	14 24 38.5	+1.0
TUL1	Leonard	23.26	346	eP	P	14 24 38.9	+0.3
U39A	Green Forest	23.28	351	P	P	14 24 39.8	+1.1
PBMO	Poplar Bluff	23.37	357	eP	P	14 24 40.2	+0.8
PBMO						14 25 00.4	+1.8
V35A	Meyer Ranch, C	23.39	344	P	P	14 24 40.5	+0.9
V35A	Meyer Ranch, C	23.39	344	eP	P	14 24 40.0	+0.3
V35A	Gravette	23.48	349	P	P	14 24 59.8	+0.9
T45A	Paducah	23.58	1	P	P	14 24 42.0	+0.7
U37A	Salina	23.59	348	P	P	14 24 42.9	+1.4
MNTX	Cornus Mount	23.61	323	P	P	14 24 42.6	+0.9
MNTX	Cornudas Mount	23.61	323	eP	P	14 24 41.8	+0.1
T47A	Sharon Grove	23.61	4	P	P	14 24 42.6	+0.9
T46A	Princeton	23.62	2	P	P	14 24 42.4	+0.7
TZTN	Tazewell	23.63	11	P	P	14 24 42.7	+0.9
TZTN	Tazewell	23.63	11	eP	P	14 24 42.4	+0.5
T44A	Benton	23.65	359	P	P	14 24 43.1	+1.1
T42A	Van Buren	23.66	356	P	P	14 24 43.4	+1.4
T43A	Greenville	23.66	358	P	P	14 24 43.3	+1.2
U36A	Oologah	23.71	347	P	P	14 24 43.4	+0.9
T41A	Mountain View	23.72	355	P	P	14 24 44.0	+1.4
T48A	Bowling Green	23.79	5	P	P	14 24 44.5	+1.2
T39A	Cleaver	23.89	352	P	P	14 24 44.5	+1.2
T40A	Mansfield	23.89	353	P	P	14 24 45.7	+1.4
U35A	Pawnee	23.93	345	P	P	14 24 45.7	+1.1
U35A	Pawnee	23.93	345	eP	P	14 24 44.4	-0.1
MSTX	Muleshoe	24.00	331	P	P	14 24 46.3	+1.0
MSTX	Muleshoe	24.00	331	eP	P	14 24 45.5	+0.2
CNCC	Cliffs of the	24.04	23	P	P	14 24 46.5	+1.1
CNCC	Cliffs of the	24.04	23	eP	P	14 24 45.0	-0.5
T38A	Diamond	24.05	350	P	P	14 24 46.7	+1.2
A34A	Fulton Ridge,	24.14	358	P	P	14 24 47.5	+1.1
PCRV	Puerto La Cruz	24.15	95	P	P	14 24 45.9	-0.9
S45A	Carrier Mills	24.24	2	P	P	14 24 48.1	+0.8
T37A	Cheneyville 18	24.25	349	P	P	14 24 48.5	+1.2
S44A	Carbondale	24.25	360	P	P	14 24 48.6	+1.3
S41A	Jillico Farms,	24.26	355	P	P	14 24 48.5	+1.1
SJUC	Southern Illin	24.27	360	eP	P	14 24 48.0	+0.5
S46A	Don Dixon Farm	24.28	3	P	P	14 24 48.4	+0.9
AMTX	Amarillo	24.28	334	P	P	14 24 48.9	+1.1
AMTX	Amarillo	24.28	334	eP	P	14 24 48.7	+0.9
S40A	Lebanon	24.34	353	P	P	14 24 49.4	+1.2
S48A	Wierman Farm,	24.36	6	P	P	14 24 48.7	+0.3
S42A	Caledonia	24.37	357	P	P	14 24 49.1	+0.6
T36A	Boggs Farm, Ca	24.39	347	P	P	14 24 49.5	+0.8
T35A	Sooner Cattle	24.39	345	P	P	14 24 49.9	+1.1
S39A	Bolivar	24.54	352	P	P	14 24 51.1	+1.1
USIN	University of	24.55	3	eP	P	14 24 50.4	+0.2
S38A	Stockton	24.56	351	P	P	14 24 51.5	+1.3
FVM	French Village	24.57	357	eP	P	14 24 49.7	-0.6
FVM						14 25 11.3	+0.4
T34A	McClaskey Farm	24.67	344	P	P	14 24 52.1	+0.9
CCM	Cathedral Cave	24.68	356	P	P	14 24 52.4	+1.1
CCM	Cathedral Cave	24.68	356	eP	P	14 24 52.0	+0.7
CCM						14 25 12.6	+0.6
R43A	Waltonville	24.80	0	P	P	14 24 53.8	+1.4
R43A	Waltonville	24.84	358	P	P	14 24 54.0	+1.2
S37A	Fort Scott	24.85	349	P	P	14 24 53.7	+0.9
R45A	Skyler Fairli	24.86	2	P	P	14 24 53.7	+0.8
R42A	Luebbering	24.88	357	P	P	14 24 53.9	+0.8
WCI	Wyanodotte Cave	24.91	5	P	P	14 24 54.0	+0.7
WCI	Wyanodotte Cave	24.91	5	eP	P	14 24 53.7	+0.3
WCI						14 25 14.6	+0.5
R41A	Rosebud	24.93	356	eP	P	14 24 54.8	+1.2
R47A	Wooly Knot Far	24.96	5	P	P	14 24 54.2	+0.4
S36A	Lake Cedric, C	24.96	348	P	P	14 24 54.6	+0.7
BLA	Blacksburg	25.00	17	P	P	14 24 55.3	+0.9
BLA	Blacksburg	25.00	17	eP	P	14 24 54.6	+0.3
R40A	Maddies Statio	25.00	354	P	P	14 24 55.2	+0.9
S35A	Otter Creek Ra	25.08	346	P	P	14 24 55.9	+0.9
R38A	Fenwick Farm,	25.11	351	P	P	14 24 56.3	+1.1
R39A	Chumby, Stover	25.11	353	P	P	14 24 56.4	+1.2
SLM	Saint Louis	25.21	358	eP	P	14 24 57.7	+1.6
OLIL	Olney	25.30	2	eP	P	14 24 57.1	+0.1
OLIL						14 25 18.0	+0.3
R37A	Teagarden Farm	25.39	349	P	P	14 24 58.2	+0.5
Q44A	Meyer Farm, Va	25.46	0	P	P	14 24 59.3	+1.0
Q45A	Warren Harvey,	25.46	2	P	P	14 24 59.5	+1.1
Q42A	Golden Eagle	25.50	357	P	P	14 24 59.8	+1.1
Q43A	New Douglas	25.50	359	P	P	14 24 59.7	+1.0
R36A	Gordon, Harris	25.52	348	P	P	14 24 59.6	+0.7
Q41A	Truxton	25.58	356	P	P	14 25 00.6	+1.1
Q47A	Bedord North L	25.60	5	P	P	14 25 00.4	+0.7
121A	Cookes Peak, D	25.63	321	P	P	14 25 00.9	+0.7
R35A	Emporia Municip	25.67	347	P	P	14 25 00.9	+0.7
Q40A	Laux Farm, Aux	25.68	355	P	P	14 25 01.1	+0.7
Q38A	Cooks Store, C	25.83	352	P	P	14 25 02.5	+0.8
Q39A	Willow Grove F	25.83	353	P	P	14 25 02.3	+0.6
Q37A	Longview Farm,	25.87	350	P	P	14 25 02.9	+0.8
R34A	Isabella, Hill	25.89	345	P	P	14 25 03.1	+0.8
P45A	Graceland, Par	26.11	2	P	P	14 25 04.9	+0.7
BNM	Barren Site	26.12	325	eP	P	14 25 05.7	+1.0
Q36A	Arnold, C. Orve	26.13	349	P	P	14 25 05.3	+0.8
Q35A	Mercer Eighty,	26.15	348	P	P	14 25 05.5	+0.9
P47A	Martinsville	26.16	5	P	P	14 25 04.9	+0.3
P42A	Winchester	26.16	358	P	P	14 25 05.4	+0.7
P40A	Skaggs, Pawnee	26.20	359	P	P	14 25 06.5	+1.5
P43A	Paris	26.21	355	P	P	14 25 05.9	+0.7
P39B	Salisbury	26.24	354	P	P	14 25 06.6	+1.2
P41A	Garry Barry	26.29	357	P	P	14 25 06.6	+0.8
IP07	Quail	26.39	20	eP	P	14 25 07.7	+0.9
IP05	Hopewell Chure	26.40	21	eP	P	14 25 07.7	+0.9
Q34A	Chapman	26.41	346	P	P	14 25 07.9	+0.9
IP06	Yanceyville	26.41	20	eP			

5d 14h

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Error Error, Elevation Error Error, Azimuth Error Error Error, Elevation Error Error Error. Rows include J40A Soldiers Grove, J38A Wedel Dairy, ISCO Idaho Springs, etc.

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Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Error Error, Elevation Error Error, Azimuth Error Error Error, Elevation Error Error Error. Rows include BANO Bancroft, E40A Wakefield, MPU Maple Canyon, etc.

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Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Error Error, Elevation Error Error, Azimuth Error Error Error, Elevation Error Error Error. Rows include PB11 IOPC Station P, EGMT Eagleton, EGMT Eagleton, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HYB Hyderabad, CMAR Chiang Mai Arr, CM31 Chiang Mai Arr, etc.

IDC 05 14:40:12.3; 9.9, 27.42N; 142.87E, h46km, 33km, mb3.3/3, mb1 3.5/5, mb1mx3.2/51, mb1mx3.6/5, ML3.4/2, Error ellipse: s-maj=17.8, km az=93.0, h100km, mb4.4/39, Error ellipse: s-maj=5.2km s-min=3.2km

JMA 05 14:44:09.4; 1.6, 24.57N; 122.77E, h106km, 2km, M2.5 TAP 05 14:44:09.4; 24.57N; 122.77E, h103km, 1km, ML3.1, C ISC 05 14:44:09.4; 1.6, 24.57N; 122.77E, h102km, 0.03, h108km, 1km, n31, c0559/60, 1C, Taiwan region

Main table of station data for the first section, including stations like YONG Yonagunijimaku, YOJ Yonaguni jima, YOY Yonaguni jima, etc.

BUI 05 14:44:43.5; 2.48N; 126.35E, h94km, mb4.6/34, mb5.0/18 ISCJB 05 14:44:47.6; 0.2, 2.96N; 0.02; 126.34E; 0.04, h100km, mb4.4/39, Error ellipse: s-maj=5.2km s-min=3.2km az=179.1

NEIC 05 14:44:49.0; 0.7, 2.97N; 126.34E, h107km, 8km, mb4.7/19, Error ellipse: s-maj=9.3km s-min=5.9km az=78.0 IDC 05 14:44:51.5; 1.9, 29.1N; 126.20E, h124km, 19km, mb3.8/21, mb1 3.8/24, mb1mx3.8/53, mb1mx4.2/24, MS3.3/1, MS1 3.3/1, ms1mx2.4/50, Error ellipse: s-maj=18.1km s-min=10.8km az=88.0 DJA 05 14:44:52.0; 0.7, 3.3N; 127.6E, h39km, 17km, M4.9/18, mb5.0/18, mb5.3/7, MLv5.0/13, Mw(MB)4.8/7 ISC 05 14:44:48.8; 0.4, 2.88N; 0.04; 126.25E; 0.06, h100km, n99,

Main table of station data for the second section, including stations like SGSI Sangihe, TNGT Ternate, KMSI Cibinong, etc.

Table of station data for the third section, including stations like MK01 Makanchi Array, MK31 Makanchi Array, MKAR Makanchi Array, etc.

MEX 05 14:58:52.3; 0.8, 14.30N; 93.31W, h6km, 209km, MD3.9, Near coast of Chiapas

Table of station data for the fourth section, including stations like PCIG Comitan, CCIG Comitan, TGIG Comitan, etc.

BUI 05 15:05:53.6; 4.80S; 100.60E, h6km, mb4.6/39, mb5.0/29, Ms4.5/20, Ms7.4/3/18 IDC 05 15:05:54.7; 0.8, 4.63S; 100.91E, h0km, mb4.3/26, mb1 4.4/27, mb1mx4.2/64, mb1mx4.3/27, ML4.3/1, MS3.7/9, Ms1 3.7/9, ms1mx3.2/57, Error ellipse: s-maj=25.6km s-min=12.0km az=42.0

NEIC 05 15:05:54.7; 2.2, 4.80S; 100.69E, h7km, 13km, mb4.8/14, Error ellipse: s-maj=8.9km s-min=4.8km az=51.0 ISCJB 05 15:05:56.6; 0.3, 4.82S; 0.04; 100.73E; 0.03, h33km, mb4.5/48, MS4.0/15, Error ellipse: s-maj=6.2km s-min=3.4km az=39.1

DJA 05 15:05:57.0; 0.4, 5.3S; 101.1E, h25km, M4.8/19, mb4.9/14, mb5.3/7, MLv4.8/19, Mw(MB)4.7/7 ISC 05 15:05:59.0; 0.5, 4.83S; 0.06; 100.72E; 0.06, h35km, n136, c1938/126, mb4.7/48, MS4.0/15, 1C, Southwest of Sumatera

Main table of station data for the fifth section, including stations like PPSI Pulau Pagai, MASI Maura Aman, MNAI Manna, etc.

Table with columns: Call Sign, Name, Frequency, Power, SNR, and other technical details. Includes stations like KURK Kurchatov, ZALV Zalesovo Beam, and many others.

Table with columns: Call Sign, Name, Frequency, Power, SNR, and other technical details. Includes stations like Y36A Durant, S42A Caledonia, and many others.

Table with columns: Call Sign, Name, Frequency, Power, SNR, and other technical details. Includes stations like MK31 Uzynbulak, MAKZ Makanchi, and many others.

SOME 05 15:54:37.0, 45.121N:84.97E, h5km
N1C 05 15:54:47.3, 3.8, 45.04N:84.57E, h28km, 20km, mb3.6,
mpv3.0, Error ellipse: s-maj=27.4km s-min=10.9km

NIED 05 15:54:00.37:30N:144.30E, h5km, Mw3.8 Best double
couple: M5:6800x1014 N1P:42.00000, delta25.00000,
lambda-131.00000, NP2:266.00000, delta72.00000,
lambda-73.00000
IDC 05 15:54:50.0, 0.0, 37.13N:144.66E, h0km, mb3.9/12,
mb1 4.0/17, mb1mx3.8/66, mbtmp3.9/17, ML3.7/4, MS2.9/2,
Ms1 2.9/2, ms1mx2.4/60, Error ellipse: s-maj=20.7km
s-min=16.5km az=140.0
NEIC 05 15:54:51.5, 0.4, 37.14N:144.67E, h10km, mb4.0/1, Error
ellipse: s-maj=10.1km s-min=6.9km az=144.0
ISCJB 05 15:54:53.8, 0.5, 37.32N:144.45E, 0.0/4, h35km,
mb4.0/14, MS2.8/2, Error ellipse: s-maj=5.1km
s-min=4.4km az=42.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JIO Ouri, OFUJ Ofunato, JFK Kawachi, and many others.

5d 16h

Table with 4 columns: Station Name, Azimuth, Phase ID, and Time. Includes stations like PDAR Pinedale Array, TXAR Lajitas Array, and VNSA Vanda.

NIED 05 16:25:00,22:40N,121:40E,h47km,Mw4.5 Best double couple: Mb6.45000>1.019; NP1>0.319,0.00000<; s50.00000<; 1.159,0.00000<; NP2>0.63,0.00000<; s74.00000<; 1.42,0.00000<.

JMA 05 16:25:08.9,0.1,22:41N,121:39E,h0km,M4.5 IDC 05 16:25:09.5,0.6,22:32N,121:19E,h0km,mb4.2/2.5,mb1.4/3.2,mb1mx4.2/6.0,mbmp4.2/2.7,ML3.9/2,MS3.6/6,Ms1.3/6.6,ms1mx3.2/7.0,Error ellipse: s-maj=16.1km s-min=13.8km az=68.0

BJJ 05 16:25:10.7,22:46N,120:99E,h10km,mb4.4/4.4,mb4.7/2.6,ML4.4/5,Ms4.4/4.1,Ms7.4/2.39 NEIC 05 16:25:10.5,1.1,22:38N,121:16E,h5km,6km,mb4.5/19,ML4.6(TAP),Error ellipse: s-maj=6.4km s-min=5.0km az=130.0

NEIC Feit at Kaohsiung and Taitung. Recorded [4 TAP] in Taitung and [2 TAP] in Pingtung. ISCJB 05 16:25:10.6,0.3,22:36N,0:01,121:17E,0:02,h13km,2km,mb4.3/4.5,MS3.7/8,Error ellipse: s-maj=2.7km s-min=2.2km az=38.7

TAP 05 16:25:11.3,22:40N,121:05E,h13km,ML4.7,B ISC 05 16:25:11.5,0.9,22:42N,0:02,121:13E,0:02,h11km,5km,n206,0:19/38/245,mb4.4/4.5,MS3.8/8,20C-8D,Taiwan region

Main table for 5d 16h section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like TAW, ECL, EAST, TWGBT, etc.

2012 FEB

Main table for 2012 FEB section with columns: Station Name, Azimuth, Phase ID, Time, Res. Lists stations like DPDB Guoxing, RLNB Erlin, WTCT Ta-ch'eng, etc.

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Main table for 282 section with columns: Station Name, Azimuth, Phase ID, Time, Res. Lists stations like GYA, GYA, GYA, INCN, etc.

5d 16h

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like MMRI, MBWA, BASI, NWAOW, KAPI, etc.

2012 FEB

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like SBA, DBJI, TNG, INU, YOJ, etc.

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

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like SMCC Simmler, SML Sawmill, SC12 San Clemente I, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like IRK Irkutsk, WAKR Walker, COR Corvallis, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like MOD Modoc Plateau, HEC Hector Ludlow, BBB Bella Bella, etc.

BMN	Battle Mountai	90.98	48	eP	P	16 53 44.4 +0.2
BMN	comp=Z,202nm,1.4s			MLR	MLR	
BMN	comp=Z,2um,18.0s					
BMN	Battle Mountai	90.98	48	eP	P	16 53 44.4 +0.2
BMN	comp=Z,202nm,1.4s			LR	LR	
SHPR	Sheep Range	91.00	52	eP	P	16 53 44.9 +0.5
SHPR	comp=Z,137nm,1.3s			LR	LR	
B05A	Bryan	91.03	39	P	P	16 53 45.1 +1.1
B05A	baz=244,SNR=78					
WHY	Whitehorse	91.04	25	eP	P	16 53 43.1 -0.8
WHY	comp=Z,33nm,1.0s			LR	LR	
WHY	comp=Z,2um,18.0s					
MDRS	Chennai	91.16	283	eP	IAmb	16 53 45.9 +0.5
MDRS	comp=Z,59nm,1.3s			IAmb	IAmb	
214A	Organ Pipe Nat	91.19	57	P	P	16 53 45.4 +0.2
214A	baz=250					
214A	Organ Pipe Nat	91.19	57	eP	P	16 53 45.7 +0.5
214A	comp=Z,594nm,1.3s					
PVM	Polavaram	91.19	288	eP	IAmb	16 53 45.3 -0.2
PVM	comp=Z,94nm,1.4s			IAmb	IAmb	
PVM	comp=Z,2um,18.0s			PP	PP	16 57 20.6 -2.2
PVM	comp=Z,2um,18.0s			eSKSac	eSKSac	17 04 16.4 -0.7
PVM	comp=Z,2um,18.0s			eSS	eSS	17 04 44.7 -3.6
PVM	IVMs_BB			IVMs_BB	IVMs_BB	17 28 51.6
PKI	Pulchoki	91.21	298	eP	P	16 53 44.5 -1.3
PKI	comp=Z,227nm,1.3s					
PKIN	Pulchoki	91.22	298	eP	P	16 53 44.1 -1.7
PKIN	comp=Z,253nm,1.5s					
VNA2	Neumayer-Watz	91.23	182	P	P	16 53 44.8 +0.1
VNA2	comp=Z,313nm,1.6s			SKSac	SKSac	17 04 21.2 +5.5
F07A	Phinney Hill Vi	91.36	42	S	P	16 53 46.1 +0.5
F07A	comp=Z,250nm,1.3s					
R11A	Troy Canyon, C	91.36	50	P	P	16 53 46.4 +0.4
R11A	baz=248,SNR=40					
R11A	Troy Canyon, C	91.36	50	eP	P	16 53 46.2 +0.1
R11A	comp=Z,36nm,1.2s					
R11A	comp=Z,3um,18.0s			LR	LR	
EGAK	Eagle	91.39	20	eP	P	16 53 44.3 -1.0
EGAK	comp=Z,106nm,1.0s			LR	LR	
EGAK	comp=Z,2um,20.0s					
KKK	Kakani	91.39	299	eP	P	16 53 45.1 -1.4
KKK	comp=Z,313nm,1.6s					
W13A	Hualapai Mount	91.45	54	eP	P	16 53 46.8 +0.2
W13A	comp=Z,190nm,1.3s			LR	LR	
W13A	comp=Z,3um,20.0s					
LTY	Liberty	91.47	40	eP	P	16 53 46.0 -0.2
LTY	comp=Z,202nm,1.3s			LR	LR	
LTY	comp=Z,2um,18.0s					
DMN	Daman	91.48	298	eP	P	16 53 45.9 -1.1
DMN	comp=Z,275nm,1.2s					
DAWY	Dawson	91.50	21	eP	P	16 53 45.3 -0.6
DAWY	comp=Z,84nm,1.1s			LR	LR	
DAWY	comp=Z,3um,19.0s					
B06A	Marblemont	91.51	39	eP	P	16 53 46.8 +0.5
B06A	comp=Z,170nm,1.3s					
VNA1	Neumayer-Stat	91.53	182	P	P	16 53 45.3 -0.7
VNA1	comp=Z,313nm,1.6s					
C06D	Leavenworth	91.61	40	P	P	16 53 47.6 +0.8
C06D	comp=Z,245,SNR=9.7					
E07A	Sunnyside	91.68	41	eP	P	16 53 47.6 +0.4
E07A	comp=Z,240nm,1.3s					
HSIG	HSIG	91.70	60	eP	P	16 53 47.9 +0.3
HSIG	comp=Z,170nm,1.3s			LR	LR	
HSIG	comp=Z,2um,22.0s					
Y14A	Wickenburg	91.72	55	eP	P	16 53 48.2 +0.5
Y14A	comp=Z,252nm,1.1s			LR	LR	
Y14A	comp=Z,9um,18.0s					
G08A	Pilot Rock	91.73	43	eP	P	16 53 47.9 +0.3
G08A	comp=Z,236nm,1.3s					
DLBC	Dease Lake	91.83	28	eP	P	16 53 47.7 +0.1
DLBC	comp=Z,104nm,1.3s			LR	LR	
SKHT	Srikalahasti	91.86	284	eP	IAmb	16 53 48.7 +0.1
SKHT	comp=Z,124nm,1.6s			IAmb	IAmb	16 53 49.9
SKHT	comp=Z,2um,18.0s			ePP	PP	16 57 27.4 -0.7
SKHT	comp=Z,2um,18.0s			eSKSac	SKSac	17 04 21.5 +0.4
SKHT	comp=Z,2um,18.0s			eSS	eSS	17 10 57.3 -0.8
SKHT	IVMs_BB			IVMs_BB	IVMs_BB	17 27 07.2
E08A	Dider Farm, El	92.16	42	eP	P	16 53 49.8 +0.5
E08A	comp=Z,262nm,1.3s					
LLLB	Lillooet	92.19	37	eP	P	16 53 49.8 +0.4
LLLB	comp=Z,152nm,1.2s					
DGAR	Diego Garcia	92.25	262	PFAKE	LR	16 54 00.0 +1.0
DGAR	comp=Z,5um,22.0s					
ADKI	Addanki	92.27	286	eP	IAmb	16 53 50.7 +0.2
ADKI	comp=Z,155nm,1.7s			IAmb	IAmb	16 53 51.5
ADKI	comp=Z,2um,18.0s			ePP	PP	16 57 28.5 -2.8
ADKI	comp=Z,2um,18.0s			eSKSac	SKSac	17 04 24.4 +1.1
ADKI	comp=Z,2um,18.0s			eSS	eSS	17 11 04.5 +0.7
ADKI	IVMs_BB			IVMs_BB	IVMs_BB	17 30 08.9
D08A	Wollman Farm,	92.47	41	eP	P	16 53 51.1 +0.4
D08A	comp=Z,118nm,1.2s					
ELK	Elko	92.50	48	P	P	16 53 53.0 +1.7
ELK	comp=Z,12nm,1.0s, baz=277,slow=5.3,SNR=8.8					
LCMT	Little Creek M	92.61	52	eP	P	16 53 52.2 +0.4
LCMT	comp=Z,105nm,1.2s			LR	LR	
LCMT	comp=Z,4um,21.0s					
BMO	Blue Mountains	92.64	44	eP	P	16 53 51.7 0.0
BMO	comp=Z,108nm,1.5s			pmax	pmax	
BMO	comp=Z,2um,18.0s			MLR	MLR	
BMO	comp=Z,2um,18.0s					
BMO	comp=Z,2um,18.0s			LR	LR	
PSUT	Pine Spring	92.70	50	eP	P	16 53 52.4 +0.1
PSUT	comp=Z,25nm,0.9s					
PSUT	comp=Z,3um,20.0s			LR	LR	
CCUT	Cedar City	92.71	51	eP	P	16 53 53.1 +0.7
CCUT	comp=Z,72nm,1.3s			LR	LR	
CCUT	comp=Z,5um,21.0s					
E09A	Wood Farm, Sta	92.74	42	eP	P	16 53 52.2 +0.2
E09A	comp=Z,136nm,1.4s					
B08A	Colville Reser	92.74	40	eP	P	16 53 51.5 -0.5
B08A	comp=Z,143nm,1.3s					
KOLN	Koldanda	92.79	298	eP	P	16 53 51.5 -1.5
KOLN	comp=Z,224nm,1.7s					
DANN	Dangasing	92.84	299	eP	P	16 53 52.0 -1.3
DANN	comp=Z,4.9nm,1.0s					
TUC	Tucson	92.92	57	P	P	16 53 53.3 0.0
TUC	baz=251					
TUC	Tucson	92.92	57	eP	pmax	16 53 53.6 +0.3
TUC	comp=Z,97nm,1.2s			pmax	pmax	
TUC	comp=Z,2um,18.0s			MLR	MLR	
TUC	comp=Z,97nm,1.2s					
TUC	comp=Z,2um,18.0s					
TUC	comp=Z,2um,18.0s			LR	LR	
SZCU	Shurtz Canyon	92.93	51	eP	P	16 53 54.2 +0.7
SZCU	comp=Z,72nm,1.3s			LR	LR	
SZCU	comp=Z,4um,21.0s					
MFID	Camas Ranch	93.08	45	eP	P	16 53 53.9 +0.1
MFID	comp=Z,42nm,1.1s			LR	LR	
MFID	comp=Z,3um,20.0s					
RCLA	Rachera	93.08	285	eP	P	16 53 54.1 -0.1
RCLA	comp=Z,2um,18.0s			ePP	PP	16 57 33.3 -4.4
RCLA	comp=Z,2um,18.0s			eSKSac	SKSac	17 04 24.4 -3.5

RCLA	Nagarjunasagar	93.09	286	eSS	SS	17 11 13.9 -1.7
RCLA	comp=Z,197nm,1.5s			IAmb	IAmb	16 53 55.1
NJS	NJS			ePP	PP	16 57 35.6 -2.2
NJS	comp=Z,2um,18.0s			eSKSac	SKSac	17 04 25.5 -2.4
NJS	comp=Z,2um,18.0s			eSS	SS	17 11 13.3 -2.4
NJS	IVMs_BB			IVMs_BB	IVMs_BB	17 30 06.4
X16A	Lo Mia Camp, P	93.11	55	eP	P	16 53 54.8 +0.6
X16A	comp=Z,119nm,1.3s			LR	LR	
X16A	comp=Z,2um,22.0s					
F10A	Beach Ranch, E	93.12	43	eP	P	16 53 53.6 -0.3
F10A	comp=Z,162nm,1.4s					
U15A	North Rim	93.13	53	eP	P	16 53 54.9 +0.5
U15A	comp=Z,126nm,1.2s			LR	LR	
U15A	comp=Z,3um,21.0s					
TIXI	Tiksi	93.15	349	eP	pmax	16 53 52.4 -0.9
TIXI	comp=Z,54nm,1.5s					
TIXI	comp=Z,2um,19.0s			MLR	MLR	
TIXI	comp=Z,55nm,1.2s					
TIXI	comp=Z,2um,20.0s			LR	LR	
C09A	Christan Ranch	93.17	41	eP	P	16 53 54.0 +0.1
C09A	comp=Z,76nm,1.3s					
SRLM	Srisailam	93.33	286	eP	IAmb	16 53 55.3 -0.1
SRLM	comp=Z,157nm,1.3s			IAmb	IAmb	16 53 57.1
SRLM	comp=Z,2um,20.0s			eSKSac	SKSac	17 04 26.5 -2.8
SRLM	comp=Z,2um,20.0s			eSS	SS	17 11 17.3 -1.9
SRLM	IVMs_BB			IVMs_BB	IVMs_BB	17 29 50.0
PYUN	Puthan	93.41	298	eP	P	16 53 54.3 -1.5
PYUN	comp=Z,17nm,1.1s					
PKCU	Pink Cliffs	93.46	52	eP	P	16 53 57.1 +1.1
PKCU	comp=Z,71nm,1.5s					
WUAZ	Wupatki	93.53	54	P	P	16 53 56.4 +0.3
WUAZ	comp=Z,106nm,1.3s					
WUAZ	comp=Z,3um,22.0s			LR	LR	
TCRU	Three Creeks R	93.76	51	PFAKE	LR	16 54 10.0 +1.3
TCRU	comp=Z,4um,20.0s					
MTPU	Mount Pierson	93.76	51	eP	P	16 53 58.1 +0.8
MTPU	comp=Z,41nm,1.1s			LR	LR	
MTPU	comp=Z,4um,20.0s					
319A	Douglas	93.83	58	eP	P	16 53 58.3 +0.8
319A	comp=Z,157nm,1.2s			LR	LR	
HVS	Khovu-Aksy	93.92	323	iP	pmax	16 53 57.5 0.0
HVS	comp=Z,31nm,1.0s					
MSU	Marysvale	93.92	51	eP	P	16 53 58.7 +0.7
MSU	comp=Z,31nm,1.0s					
MSU	comp=Z,2um,18.0s					
DUG	Dugway, Tooele	94.03	49	P	P	16 53 58.8 +0.5
DUG	baz=250					

5d 16h

Table with columns: ID, IDID, Name, Time, Status, and various performance metrics. Includes entries like KAHRAMANMARAS, Samun-Atacam, Tokat, etc.

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Table with columns: Name, Time, Status, and various performance metrics. Includes entries like ARMT, CTKS, SECR, SULR, etc.

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Table with columns: Name, Time, Status, and various performance metrics. Includes entries like CLL, CLM, CLN, CLP, etc.

5d 17h

Table with columns: Code, Station Name, Az, Az', Time, Res, ISC. Includes stations like Cooke's Peak, Santo Domingo, Tuckaeches C, etc.

ISC/JB 05 16:46:43.9D.0.3, 5.86N.124.12E.0.05, h508km, 3km, mb4.2/45, Error ellipse: s-maj=7.7km s-min=4.2km az=165.0

MAN 05 16:46:43.51N.124.05E, h497km, mb5.6, ML4.6, MS5.0 NEIC 05 16:46:44.6.0.4, 5.86N.124.12E, h504km, 6km, mb4.7/17, Error ellipse: s-maj=8.2km s-min=6.0km az=62.0

IDC 05 16:46:45.0.0.8, 5.84N.124.07E, h505km, 8km, mb3.5/25, mb1.3/6.26, mb1mx3.5/5.9, mbtmp4.4/26, Error ellipse: s-maj=12.4km s-min=7.0km az=77.0

BUJ 05 16:46:50.2.638N.124.05E, h503km, mb5.0, h11. MB5.4/16 ISC 05 16:46:45.2.0.5, 5.76N.124.14E.0.07, h507km, 5km, n108, s1660/133, mb4.3/45, 1C-1D, Mindanao

Table with columns: Code, Station Name, Az, Az', Time, Res, ISC. Includes stations like Davao City (W), Davao City (W), PAGZ Pagadian, etc.

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Main table with columns: Code, Station Name, Az, Az', Time, Res, ISC. Includes stations like Alice Springs, Warakurna, Xi'an, etc.

IDC 05 16:57:48.9.4.0, 18.18S.167.20E, h0km, mb4.0/3, mb1.4/1.5, mb1mx3.7/4.6, mbtmp3.9/5, ML3.3/2, Error ellipse: s-maj=79.1km s-min=32.0km az=85.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Time, Res, ISC. Includes stations like Mont Dzumac, etc.

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Table with columns: Code, Station Name, Az, Az', Time, Res, ISC. Includes stations like DZM, CTA Charters Tower, STKA Stephens Creek, etc.

140A	Cam and Jess. baz=208,SNR=8.2	15.85	25	P	Pn	17 04 48.4	-0.6
445A	Amite baz=222	15.88	37	P	Pn	17 04 48.5	-0.9
242A	Graysen baz=214,SNR=7.0	15.98	30	P	Pn	17 04 49.8	-0.8
141A	Papa Simpson, baz=210,SNR=11	16.09	27	P	Pn	17 04 52.1	0.0
Y36A	Durant baz=198	16.11	16	P	Pn	17 04 52.1	-0.3
243A	Waterproof baz=216	16.15	32	P	Pn	17 04 52.0	-0.8
344A	Westbrook Farm baz=219,SNR=13	16.21	35	P	Pn	17 04 52.7	-0.8
TUC	Tucson baz=146	16.22	330	P	Pn	17 04 54.8	+1.0
TUC	Tucson 23nm,1.2s	16.22	330	ePn	P	17 04 55.1	-0.8
BNN	Barren Site baz=179	16.37	345	ePn	Pn	17 04 56.3	+0.6
AMTX	Amarillo baz=179	16.43	359	P	Pn	17 04 56.5	+0.1
AMTX	Amarillo 19nm,1.3s	16.43	359	ePn	Pn	17 04 56.2	-0.2
WMOK	Wichita Mounta baz=188,SNR=24	16.45	8	P	Pn	17 04 55.2	-1.4
WMOK	Wichita Mounta 54nm,1.3s	16.45	8	ePn	Pn	17 04 55.0	-1.6
Z40A	Long Farm, Mag baz=208,SNR=8.1	16.46	24	P	Pn	17 04 56.0	-0.7
142A	Monroe baz=213	16.48	29	P	Pn	17 04 56.3	-0.6
345A	Thompson Farm, baz=221	16.48	37	P	Pn	17 04 56.3	-0.7
446A	Poplarville baz=224,SNR=7.3	16.50	39	P	Pn	17 04 55.7	-1.5
LPM	Los Pinos Moun 244A	16.52	345	eP	Pn	17 04 59.6	+0.3
244A	Avery Jackson baz=218,SNR=16	16.59	33	P	Pn	17 04 58.5	-1.1
Z41A	Richland Creek baz=209,SNR=24	16.70	26	P	Pn	17 04 58.8	-0.9
LAZ	Ladro baz=214,SNR=7.1	16.74	343	ePn	P	17 05 01.3	-0.4
143A	Soos Landing, baz=214,SNR=7.1	16.86	30	P	Pn	17 05 00.9	-0.8
346A	Big Creek Wild baz=222	16.87	38	P	Pn	17 05 00.7	-1.0
VBMS	Wicksburg baz=218	16.92	33	P	Pn	17 05 01.4	-1.0
447A	Lucedale baz=226	16.93	41	P	Pn	17 05 01.7	-0.9
WLAR	White Oak Lake 153nm,1.2s	16.95	24	ePn	Pn	17 05 01.9	-0.9
214A	Organ Pipe Nat baz=140,SNR=10	16.97	325	P	P	17 05 03.8	-0.3
214A	Organ Pipe Nat 153nm,1.3s	16.97	325	eP	P	17 05 04.6	+0.5
X37A	Clayton baz=200	17.01	17	P	Pn	17 05 03.1	-0.4
X37A	Clayton 232nm,1.6s	17.01	17	ePn	Pn	17 05 02.8	-0.7
Z42A	Norrel Spur, H baz=212,SNR=12	17.08	28	P	Pn	17 05 03.6	-0.9
ANMO	Albuquerque baz=163	17.09	346	P	Pn	17 05 05.1	+0.4
ANMO	Albuquerque 42nm,1.1s	17.09	346	ePn	P	17 05 06.8	+1.3
245A	Little AP, Sta baz=220	17.11	35	P	Pn	17 05 03.5	-1.2
Y40A	Okolona baz=207,SNR=7.7	17.18	23	P	Pn	17 05 04.3	-1.2
X38A	Whitesboro baz=201,SNR=23	17.24	19	P	Pn	17 05 05.9	-0.5
Y41A	Egglett Beard baz=209,SNR=11	17.32	25	P	Pn	17 05 06.3	-1.0
X39A	Fountain Ranch baz=204,SNR=19	17.33	21	P	Pn	17 05 06.0	-1.4
Z43A	Armstrong Fami baz=214	17.35	30	P	Pn	17 05 06.8	-0.9
347A	Saraland baz=225	17.43	40	P	Pn	17 05 07.0	-1.6
145A	Houston Renfro baz=219	17.53	34	P	Pn	17 05 08.6	-1.3
MIAR	Mount Ida baz=205,SNR=14	17.54	22	P	Pn	17 05 08.3	-1.7
MIAR	Mount Ida 77nm,1.0s	17.54	22	ePn	Pn	17 05 08.6	-1.5
OK020	N3440 Road, Me 65nm,0.7s	17.55	12	ePn	Pn	17 05 07.8	-2.3
OK022	K03560 Road, Pr 52nm,1.2s	17.59	13	ePn	Pn	17 05 09.0	-1.6
Y42A	Garnett, Star baz=211	17.63	27	P	Pn	17 05 09.8	-1.3
Y42A	baz=211			S	Sn	17 08 27.7	+0.8
OK021	N3530 Road, Sp 46nm,0.9s	17.64	13	ePn	Pn	17 05 09.0	-2.3
W38A	Poteau baz=202,SNR=9.9	17.71	19	P	Pn	17 05 10.9	-1.2
X40A	Basin Creek Fa baz=207,SNR=7	17.77	24	P	Pn	17 05 11.3	-1.5
V35A	Meyer Ranch, C baz=194,SNR=12	17.77	12	P	Pn	17 05 12.1	-0.7
V35A	Meyer Ranch, C 52nm,0.7s	17.77	12	eP	Pn	17 05 11.3	-1.6
X18A	Snowflake 86nm,0.8s	17.78	336	eP	P	17 05 15.1	+1.9
Z44A	Pea Ridge, Bel baz=216	17.80	32	P	P	17 05 12.4	-0.9
348A	Jackson baz=225	17.82	41	P	P	17 05 12.1	-1.3
247A	Quitman baz=223	17.85	38	P	P	17 05 12.7	-1.0
JTS	JuntasAbangare 0.6nm,0.3s,baz=70,slow=3.5,SNR=6.4	17.86	115	P	Pn	17 05 16.8	+2.7
X41A	Kader Sauxite baz=208	17.90	25	P	P	17 05 13.4	-0.9
V36A	Jenks baz=197,SNR=24	17.99	15	P	P	17 05 14.2	-1.1
V36A	Jenks 86nm,1.0s	17.99	15	eP	P	17 05 13.3	-2.1
146A	Union baz=221	18.03	36	P	P	17 05 14.6	-1.1
U32A	Winter Ranch, baz=187,SNR=10	18.05	6	P	P	17 05 15.2	-0.8
W39A	Magazine baz=204,SNR=24	18.06	21	P	P	17 05 15.4	-0.7
Y43A	Makayla and Ka baz=214,SNR=5.4	18.08	29	P	P	17 05 15.2	-1.1
113A	Mohawk Valley, 21nm,1.1s	18.11	325	ePn	Pn	17 05 18.0	+1.0
TUL1	Leonard baz=197,SNR=19	18.15	15	P	P	17 05 15.9	-1.2
TUL1	Leonard 63nm,0.8s	18.15	15	eP	Pn	17 05 15.1	-1.9
BRAL	Brewton baz=229	18.20	43	P	P	17 05 15.8	-1.9
UALR	University of 38nm,0.9s	18.21	25	eP	P	17 05 16.1	-1.6
349A	Repton baz=228	18.23	42	P	P	17 05 16.5	-1.4
Z45A	Winona baz=218,SNR=12	18.25	33	P	P	17 05 17.1	-1.0
450A	Crestview baz=231	18.27	45	P	P	17 05 17.1	-1.3
V37A	Hulbert baz=193,SNR=16	18.29	16	P	P	17 05 17.3	-1.3
X16A	Lo Mia Camp, P 19nm,0.8s	18.29	333	eP	Pn	17 05 20.2	+0.9
W40A	Ferguson Farm, baz=206	18.30	22	P	P	17 05 17.9	-0.9
W40A	Ferguson Farm, 59nm,0.8s	18.30	22	eP	P	17 05 18.1	-0.6
X42A	Stuttgart baz=211,SNR=6.1	18.31	27	P	P	17 05 18.1	-0.7
U35A	Pawnee baz=194	18.38	12	P	P	17 05 18.9	-0.7
U35A	Pawnee 63nm,0.8s	18.38	12	eP	P	17 05 18.7	-0.9
248A	Dixon Mine baz=225,SNR=11	18.40	40	P	P	17 05 18.7	-1.0
Y44A	Strider, Charl baz=215	18.46	31	P	P	17 05 19.4	-1.1
V38A	Canehill baz=201,SNR=29	18.48	18	P	P	17 05 19.4	-1.3
147A	Livingston baz=223,SNR=7.0	18.50	37	P	P	17 05 19.7	-1.2
Z46A	Louisville baz=220	18.51	35	P	P	17 05 20.0	-1.0
X301	Greenbrier Sit	18.59	24	eP	P	17 05 20.9	-1.0
43nm,0.9s							
W41B	Gary Mavity, V baz=208,SNR=15	18.60	24	P	P	17 05 21.2	-0.7
X43A	Marvell baz=113,SNR=8.5	18.61	28	P	P	17 05 22.1	0.0
U36A	Oologah baz=197	18.62	15	P	P	17 05 21.5	-0.7
WHAR	Woolly Hollow 69nm,1.2s	18.68	24	eP	P	17 05 20.1	-2.8
249A	Camden baz=227,SNR=7.1	18.69	41	P	P	17 05 21.3	-1.7
V39A	Pettigrew baz=203,SNR=6.4	18.69	20	P	P	17 05 22.2	-0.9
Y45A	Year Farm, C baz=217,SNR=20	18.72	32	P	P	17 05 23.1	-0.2
451A	Vernon baz=233	18.73	47	P	P	17 05 22.2	-1.2
U37A	Salina baz=199,SNR=32	18.79	16	P	P	17 05 22.9	-1.2
350A	Dozier baz=230	18.83	44	P	P	17 05 23.3	-1.3
T25A	Trinidad baz=171,SNR=26	18.86	353	P	Pn	17 05 25.0	0.0
T25A	Trinidad 28nm,0.8s	18.86	353	eP	Pn	17 05 26.1	-0.1
MHTCO	State Highway 32nm,1.1s	18.89	352	eP	P	17 05 25.9	+0.5
148A	Greensboro baz=224	18.89	39	P	P	17 05 23.8	-1.3
GLA	Glamis baz=137,SNR=11	18.92	323	P	Pn	17 05 26.3	-0.4
GLA	Glamis 34nm,0.8s	18.92	323	eP	Pn	17 05 26.7	0.0
T34A	McClaskey Farm baz=192,SNR=14	18.93	11	P	P	17 05 24.7	-0.9
X44A	Crenshaw baz=175,SNR=11	18.93	30	P	P	17 05 24.9	-0.7
V40A	Witts Springs baz=206,SNR=56	18.94	22	P	P	17 05 25.1	-0.7
T35A	Snooper Cattle baz=191,SNR=11	18.95	12	P	P	17 05 24.6	-1.2
W42A	Bald Knob baz=210	18.97	26	P	P	17 05 25.4	-0.7
Z47A	Carrollton baz=222,SNR=11	19.00	37	P	P	17 05 25.0	-1.3
HHAR	Hobbs 46nm,0.9s	19.01	19	eP	P	17 05 25.2	-1.2
U38A	Gravette baz=201,SNR=30	19.02	18	P	P	17 05 25.3	-1.3
Y46A	Hoton baz=219,SNR=68	19.08	34	P	P	17 05 26.3	-1.0
W43A	Forest City baz=212	19.16	28	P	P	17 05 27.3	-0.9
V41A	Mountainview baz=207,SNR=52	19.17	24	P	P	17 05 27.4	-0.8
WUAZ	Wupatki baz=150,SNR=46	19.20	335	P	Pn	17 05 30.8	+0.5
WUAZ	Wupatki 63nm,0.8s	19.20	335	eP	Pn	17 05 31.1	+0.8
351A	Pinckard baz=232,SNR=6.2	19.22	45	P	P	17 05 27.4	-1.4
T36A	Boggs Farm, Ca baz=195,SNR=16	19.23	14	P	P	17 05 27.2	-1.7
250A	Grady baz=229	19.23	42	P	P	17 05 28.0	-1.0
X45A	UM Field Stati baz=218	19.23	32	P	P	17 05 27.9	-1.2
U39A	Green Forest baz=203,SNR=54	19.24	20	P	P	17 05 27.6	-1.6
452A	Marianna baz=234	19.25	47	P	P	17 05 27.6	-1.6
Y12C	Blythe baz=139,SNR=14	19.27	325	P	Pn	17 05 31.3	+0.4
Y12C	Blythe 28nm,1.0s	19.27	325	eP	Pn	17 05 30.6	-0.3
OXF	Oxford baz=176,SNR=8.9	19.30	31	P	P	17 05 28.4	-1.3
OXF	Oxford 72nm,0.9s	19.30	31	eP	P	17 05 28.5	-1.1
149A	Jones baz=226,SNR=20	19.32	40	P	P	17 05 28.6	-1.3
JKP	In-Ko-Pah, Jac baz=133	19.39	320	P	Pn	17 05 33.3	+0.8
SWSC	Sam W. Stewart baz=134,SNR=8.1	19.41	321	P	Pn	17 05 33.4	+0.8
Z48A	Norport baz=223	19.42	37	P	P	17 05 32.1	-1.8
U40A	Yellville baz=205,SNR=36	19.43	21	P	P	17 05 29.0	-0.9
PDMO	Parker Dam,Lak baz=141,SNR=18	19.49	327	P	Pn	17 05 33.4	0.0
V42A	Cord baz=209,SNR=31	19.49	25	P	P	17 05 30.7	-1.0
LRAL	Lakeview Retre baz=225,SNR=13	19.50	39	P	P	17 05 30.7	-1.2
LRAL	Lakeview Retre 41nm,1.2s	19.50	39	eP	P	17 05 30.4	-1.4
T37A	Cheneyville 18 baz=193,SNR=13	19.52	16	P	P	17 05 31.0	-1.0
T38A	Diamond baz=200,SNR=43	19.60	17	P	P	17 05 32.0	-1.0
S34A	Willow Spring baz=187,SNR=9	19.61	10	P	P	17 05 31.9	-1.1
SDCO	Great Sand Dun baz=168,SNR=62	19.61	350	P	Pn	17 05 34.5	-0.7
SDCO	Great Sand Dun 42nm,0.8s	19.61	350	eP	Pn	17 05 34.5	-0.7
Y47A	UCPARC, Winfie baz=221,SNR=10	19.64	36	P	P	17 05 32.2	-1.2
BC3	Big Chuckawall baz=137,SNR=14	19.71	323	P	Pn	17 05 35.9	-0.4
S35A	Outer Creek Ra baz=194,SNR=23	19.73	120	P	P	17 05 33.0	-1.3
MONP	Monument Peak baz=133,SNR=31	19.75	320	P	Pn	17 05 36.5	-0.2
X46A	Booneville baz=218,SNR=28	19.75	33	P	P	17 05 33.4	-1.2
MVCO	Mesa Verde baz=159,SNR=16	19.75	343	P	P	17 05 34.9	+0.1
MVCO	Mesa Verde 39nm,0.8s	19.75	343	eP	Pn	1	

MTPU	Mount Pierson	21.72	337	eP	P	17 05 57.8	+1.7
SHPR	Sheep Range	21.73	329	eP	P	17 05 57.7	+1.7
457A	Yule	21.75	52	P	P	17 05 56.7	+0.5
FVM	French Village	21.76	24	eP	P	17 05 53.7	-2.5
CCUT	Cedar City	21.77	334	eP	P	17 05 57.7	+1.1
P36C	Good Intent, A	21.83	13	P	P	17 05 55.2	-1.7
SHOC	Shoshone, Teco	21.83	326	P	P	17 05 57.2	+0.2
DECC	Green Verdugo	21.84	320	P	P	17 05 57.7	+0.5
Q39A	Willow Grove F	21.85	18	P	P	17 05 55.3	-1.8
O33A	Hebron	21.86	8	P	P	17 05 55.8	-1.4
U47A	Clarksville	21.88	32	P	P	17 05 55.2	-2.3
R42A	Luebering	21.88	23	P	P	17 05 56.0	-1.5
GOGA	Godfrey	21.96	44	P	P	17 05 55.6	-2.7
GOGA	Godfrey	21.96	44	eP	P	17 05 55.7	-2.7
S44A	Carbondale	21.99	27	P	P	17 05 57.3	-1.3
P37A	Lathrop	21.99	15	P	P	17 05 57.3	-1.4
SIUC	Southern Illin	22.02	27	eP	P	17 05 56.8	-2.2
T46A	Princeton	22.06	30	P	P	17 05 57.9	-1.5
EDW2	Edwards Air Fo	22.06	321	P	P	17 06 00.1	+0.6
Q40A	Laux Farm, Aux	22.08	20	P	P	17 05 57.9	-1.7
O34A	Beatrice	22.10	10	P	P	17 05 58.4	-1.4
SRU	San Rafael Swe	22.11	341	eP	P	17 06 00.7	+0.6
MSU	Marysvale	22.13	337	eP	P	17 06 01.5	+1.1
R43A	Red Bud	22.21	25	P	P	17 05 59.5	-1.5
P38A	Dawn	22.23	16	P	P	17 05 59.4	-1.8
S45A	Carrier Mills	22.27	28	P	P	17 06 00.3	-1.3
LRMC	Laurel Mtn Rd	22.30	323	P	P	17 06 03.2	+1.0
O35A	Humboldt	22.31	11	P	P	17 06 00.3	-1.9
U48A	Cassie Pea, Po	22.31	33	P	P	17 05 59.9	-2.3
Q41A	Truxton	22.32	21	P	P	17 06 00.2	-2.1
P39B	Salisbury	22.32	18	P	P	17 06 00.1	-2.1
T47A	Sharon Grove	22.40	31	P	P	17 06 00.6	-2.5
O20A	White River Ci	22.45	346	P	P	17 06 03.8	-0.1
O20A	White River Ci	22.45	346	eP	P	17 06 03.4	-0.5
OGNE	Ogallala	22.48	359	P	P	17 06 04.0	-0.1
OGNE	Ogallala	22.48	359	eP	P	17 06 03.4	-0.6
TMUT	Trail Mountain	22.49	340	eP	P	17 06 05.2	+0.8
P18A	Preston Nutter	22.50	342	eP	P	17 06 05.1	+0.6
R44A	Waltoville	22.53	26	P	P	17 06 02.3	-2.2
N33A	J Bar K, Exete	22.53	8	P	P	17 06 04.0	-0.4
Q42A	Golden Eagle	22.53	23	P	P	17 06 02.4	-2.1
FURC	Furnace Creek,	22.57	326	P	P	17 06 05.5	+0.6
P40A	Paris	22.58	19	P	P	17 06 02.5	-2.5
O37A	Wolven Farm, M	22.59	15	P	P	17 06 03.9	-1.2
MPMC	Manual Prospec	22.61	324	P	P	17 06 05.8	+0.3
TPNV	Topopah Spring	22.62	328	P	P	17 06 06.6	+0.9
TPNV	Topopah Spring	22.62	328	eP	P	17 06 07.0	+1.3
S46A	Don Dixon Farm	22.66	29	P	P	17 06 03.8	-2.1
O38A	Galt	22.72	16	P	P	17 06 04.5	-1.9
ARVC	Arvin	22.73	321	P	P	17 06 07.0	+0.4
N23A	Red Feather L	22.76	351	P	P	17 06 06.8	-0.4
N23A	Red Feather L	22.76	351	eP	P	17 06 07.2	0.0
N34A	Lincoln	22.77	10	P	P	17 06 05.2	-1.7
PSUT	Pine Spring	22.81	334	eP	P	17 06 08.5	+0.9
DAC	Darwin (Calif)	22.82	325	eP	P	17 06 08.5	+0.6
T48C	Bowling Green	22.85	32	P	P	17 06 05.2	-2.6
Q43A	New Dot	22.87	24	P	P	17 06 06.8	-1.2
ISA	Isabella, Lake	22.89	322	P	P	17 06 08.9	+0.6
ISA	Isabella, Lake	22.89	322	eP	P	17 06 09.4	+1.1
R45A	Skyler, Fairri	22.91	27	P	P	17 06 06.2	-2.2
USIN	University of	22.91	29	eP	P	17 06 06.6	-1.9
N35A	Tabor	22.94	11	P	P	17 06 06.9	-1.8
P41A	Barry, Barry	23.03	21	P	P	17 06 07.3	-2.3
PHWY	Pilot Hill	23.09	352	eP	P	17 06 09.1	-1.5
O39A	Kirkville	23.09	18	P	P	17 06 08.3	-2.0
BGNE	Belgrade	23.11	6	P	P	17 06 09.5	-0.9
BGNE	Belgrade	23.11	6	eP	P	17 06 09.3	-1.1
Q44A	Meyer Farm, Va	23.11	25	P	P	17 06 08.9	-1.5
N37A	Lee Faris, Mou	23.14	14	P	P	17 06 08.8	-1.9
O40A	La Belle	23.17	19	P	P	17 06 08.6	-2.4
PKM	Mcpherson Peak	23.18	319	P	P	17 06 11.1	-0.2
R46A	Gibon Southern	23.18	29	P	P	17 06 09.0	-2.1
P42A	Winchester	23.20	22	P	P	17 06 08.5	-2.7
CWC	Cottonwood Cre	23.21	324	P	P	17 06 11.9	+0.3
GRAC	Grapevine Rang	23.23	326	P	P	17 06 13.2	+1.5
TKL	Tuckaleechee C	23.24	39	P	P	17 06 08.7	-3.0
MPU	Maple Canyon	23.28	340	eP	P	17 06 12.6	+0.3
BG3	Lake Jocassee	23.31	41	eP	P	17 06 09.6	-2.8
OLIL	Olney	23.35	27	eP	P	17 06 10.7	-2.1
VES	Vestal, Richgr	23.37	322	P	P	17 06 14.6	+1.7
NLU	North Lily Min	23.38	339	eP	P	17 06 13.6	+0.4
M33A	Taylor Creek F	23.39	8	P	P	17 06 12.3	-0.8
M34A	Aspy Farms, Fr	23.40	9	P	P	17 06 12.5	-0.7
R11A	Troy Canyon, C	23.41	331	P	P	17 06 14.2	+0.7
R11A	Troy Canyon, C	23.41	331	eP	P	17 06 13.9	+0.5
N38A	Joess South For	23.41	16	P	P	17 06 11.4	-1.8
S48A	Wiesman Farm,	23.44	32	P	P	17 06 11.4	-2.2
Q45A	Warren Harvey,	23.46	27	P	P	17 06 11.6	-2.1
O41A	Passleys Farm,	23.48	21	P	P	17 06 11.6	-2.4
P43A	Skaggs, Pawnee	23.55	23	P	P	17 06 12.7	-1.8
SMMC	Simmer	23.57	319	P	P	17 06 15.4	+0.6
M36A	Felix, Anita	23.68	12	P	P	17 06 14.3	-1.4
N39A	Derby Farms, D	23.68	17	P	P	17 06 14.4	-1.4
R47A	Woody Knot Far	23.71	30	P	P	17 06 14.3	-1.7
L32A	Elgin	23.72	6	P	P	17 06 15.1	-1.0
RWWY	Rawlins	23.74	349	eP	P	17 06 15.4	-1.2
P44A	Sand Creek, Wi	23.75	25	P	P	17 06 14.9	-1.4
WCI	Wyandotte Cave	23.77	31	P	P	17 06 14.9	-1.7
WCI	Wyandotte Cave	23.77	31	eP	P	17 06 14.4	-2.2
RCTC	Rector, Farmer	23.78	322	P	P	17 06 18.0	+1.3
M37A	Trindle Farm,	23.79	14	P	P	17 06 15.5	-1.2
O42A	Bath	23.83	22	P	P	17 06 15.0	-2.0
DUG	Dugway, Tooele	23.85	338	P	P	17 06 17.4	0.0
DUG	Dugway, Tooele	23.85	338	eP	P	17 06 17.2	-0.2
L34A	Swedish Farm,	23.89	9	P	P	17 06 16.4	-1.3
CTU	Camp Tracy	23.93	340	eP	P	17 06 17.4	-0.9
N40A	Mertiguchi, Sal	23.96	19	P	P	17 06 16.2	-2.0
L33A	Hoskins	23.96	8	P	P	17 06 17.6	-0.7
TZTN	Tazewell	23.98	37	P	P	17 06 16.5	-2.0
TZTN	Tazewell	23.98	37	eP	P	17 06 16.4	-2.0
M38A	Pleasantville	24.01	15	P	P	17 06 17.1	-1.6
N41A	Harden Midland	24.03	20	P	P	17 06 16.9	-1.9
NHSC	New Hope	24.04	48	P	P	17 06 16.9	-2.1
R48A	Northridge Ran	24.11	31	P	P	17 06 17.9	-1.7
P45A	Graceland, Par	24.17	27	P	P	17 06 18.3	-1.8
L35A	Bielow Farm, R	24.17	11	P	P	17 06 19.0	-1.1
O43A	Sugar Creek Fa	24.19	23	P	P	17 06 19.0	-1.3
TCUT	Toone Canyon	24.21	341	eP	P	17 06 21.0	+0.2
K31A	O'Neill	24.26	5	P	P	17 06 20.5	-0.5
Q47A	Bedord North L	24.27	29	P	P	17 06 19.6	-1.5
L36A	Harm Buss Farm	24.32	12	P	P	17 06 20.3	-1.3
M39A	Webster	24.34	17	P	P	17 06 19.8	-1.8
K32A	Venere	24.37	6	P	P	17 06 21.4	-0.6
O44A	Mansfield	24.40	25	P	P	17 06 20.7	-1.5
N42A	Yates City	24.41	21	P	P	17 06 20.6	-1.7
BLO	Bloomington	24.41	29	eP	P	17 06 20.9	-1.5
KMSC	Kings Mountain	24.42	43	P	P	17 06 20.1	-2.4
KMSC	Kings Mountain	24.42	43	eP	P	17 06 20.2	-2.2
K33A	Hardington	24.43	8	P	P	17 06 22.1	-0.4
HDIL	Hopedale	24.43	23	P	P	17 06 20.9	-1.6
HDIL	Hopedale	24.43	23	eP	P	17 06 20.8	-1.7
M40A	Post Highland	24.46	18	P	P	17 06 21.4	-1.4
SCIA	State Center	24.46	15	P	P	17 06 21.3	-1.5
SCIA	State Center	24.46	15	eP	P	17 06 21.2	-1.6
P46A	Rosedale	24.47	27	P	P	17 06 22.0	-0.9
MLAC	Mammoth, Mammo	24.49	325	P	P	17 06 23.2	-0.2
L37A	Phoenix Point,	24.54	14	P	P	17 06 22.1	-1.5
K22A	Casper	24.57	351	P	P	17 06 23.8	-0.2
K22A	Casper	24.57	351	eP	P	17 06 23.9	0.0
BGU	Big Grassy Mou	24.57	338	eP	P	17 06 24.3	+0.3
MDPB	Devon Postpil	24.63	325	eP	P	17 06 24.4	-0.2
K34A	Le Mars	24.64	9	P	P	17 06 23.2	-1.2
PMPB	South Promont	24.65	320	eP	P	17 06 25.8	+1.1
SPUT	South Promont	24.72	340	eP	P	17 06 25.4	0.0
NV11	Mina Array Sit	24.73	327	eP	P	17 06 26.8	+1.4
M41A	Milan	24.73	20	P	P	17 06 23.3	-2.0
L38A	Oak Wood Farm,	24.75	15	P	P	17 06 23.7	-1.7
O45A	Potomac	24.78	26	P	P	17 06 24.5	-1.2
P47A	Martinsville	24.78	29	P	P	17 06 24.4	-1.4
NV01	Mina Array Sit	24.80	327	eP	P	17 06 26.9	+0.7
NVAR	Mina Array Bea	24.80	327	eP	P</		

Table with columns: Eids, Eidsvold, Time, Res, Code, Station Name, Delta, Azimuth, Phase, ID, Op, ISC, h, m, s, ISC, Res. Includes stations like CTA Charters Tower, AFI Afiamau, etc.

ISCJB 05 17:21:52.4-0.5, 18.96N-105.145.5E:0.1, h214km, mb3.6/15, Error ellipse: s-maj=17.7km s-min=7.0km az=171.6

ICC 05 17:21:55.5-1.4, 18.94N:145.43E, h234km, 14km, mb3.4/15, mb1 3.6/19, mb1mx3.4/69, mbtmp4.0/19, Error ellipse: s-maj=18.0km s-min=8.4km az=85.0

ISC 05 17:21:53.9-0.6, 19.01N-105.006:145.5E:0.2, h214km, n25, s:1937/21, mb3.8/15, Mariana Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Op, ISC, h, m, s, ISC, Res. Includes stations like GUMO Guam, ASAJ Asahikawa, etc.

ISCJB 05 17:27:52.0-0.5, 45.13N-120.195W:0.03, h10km, 3km, Error ellipse: s-maj=4.0km s-min=3.0km az=139.2

PNSN 05 17:27:52.5, 45.12N-120.195W, h18km, MD2.5, Fault plane solution: NP1, phi, 145.00000, delta, 55.00000, lambda, 100.00000

NEIC 05 17:27:52.4-0.0, 45.12N:120.195W, h18km, ML2.5(GEA), After SEA

ISC 05 17:27:51.8:1.6, 45.13N:0.03:120.194W:0.02, h15km, 13km, n30, a:68/48, Washington-Oregon border region

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Op, ISC, h, m, s, ISC, Res. Includes stations like G06A Carlson Farm, G05D Wamic, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Op, ISC, h, m, s, ISC, Res. Includes stations like I04A Tendick Farm, LON Longmire, etc.

WEL 05 17:33:39.0, 9.0, 31.5, 7.17 x 17.8W, 1.9, h197km, 11km, IDC 05 17:33:36.0, 9.0, 30.555:179.01W, h202km, 8km, mb3.4/8, mb1 3.5/10, mb1mx3.4/47, mbtmp4.0/10, Error ellipse: s-maj=23.9km s-min=13.6km az=116.0

ISC 05 17:33:35.0, 6.0, 30.715, 0.077-173.9W:0.1, h200km, n54, s:1559/56, mb3.7/8, Kermadec Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Op, ISC, h, m, s, ISC, Res. Includes stations like GLKZ Green Lake, RAO Raoul Island, etc.

ROM 05 17:42:49.9-0.1, 44.45N:7.25E, h8km, 1km, Md2.1/10, M2.1/5, Error ellipse: s-maj=2.4km s-min=1.1km az=66.0

ISCJB 05 17:42:49.6:0.2, 44.48N:0.01:7.26E:0.02, h13km, 2km, Error ellipse: s-maj=2.9km s-min=2.2km az=146.9

CSEM 05 17:42:50.2:0.1, 44.49N:7.30E, h8km, ML2.6/16, Error ellipse: s-maj=3.0km s-min=2.1km az=61.0

LDG 17:42:50.0:0.1, 44.48N:7.30E, h2km, MD2.6/4, M2.6/15, Error ellipse: s-maj=1.8km s-min=1.2km az=57.0

GEN 05 17:42:50.5, 44.48N:7.27E, h6km, ML2.0, IASPEI 05 17:42:50.1:0.9, 44.49N:0.02:7.29E:0.02, h9km, 5km, Error ellipse: s-maj=3.3km s-min=2.1km az=59.1, GT5 selection from ISC bulletin GT5 identified by Bond jr and McLaughlin (2009) selection criteria Bond jr and McLaughlin, A new ground truth data set for seismic studies, <i>Seism. Res. Let.</i>, 80, 465-472, 2009

STR 05 17:42:51.6:0.4, 44.44N:0.02:7.20E:0.02, h2km, ML2.6/16

ISC 17:42:50.2:0.8, 44.49N:0.01:7.29E:0.02, h10km, 4km, n70, s:958/119, Northern Italy

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Op, ISC, h, m, s, ISC, Res. Includes stations like MBDF 133nm,0.3s, MBDF Montbardon, etc.

MTLF	Montolieu	5.5nm,0.8s,SNR=1.0	3.84 254 ePn	Pn	17 43 50.0 +0.7
MTLF			eSn	Sn	17 44 34.2 -0.2
CDF	Champ du Feu	2.8nm,0.8s,SNR=1.0	3.93 360 eSn	Sn	17 44 35.7 -1.0
CDF		1.4nm,0.4s,SNR=1.0	3.93 360 eSn	Sn	17 44 35.7 -1.0
CDF		0.7nm,0.4s,SNR=1.0			

ISCJB 05 17:45:40.6,0.4, 18.08N,07.63:71E,0.05, h10km, mb4.1/25, Error ellipse: s-maj=9.1km s-min=6.5km az=2.3
 IDC 05 17:45:41.0,0.7, 18.04N:63.74E, h0km, mb4.0/24, mb1 4.1/25, mb1mx4.0/68, mbmp4.0/25, ML4.5/1, Error ellipse: s-maj=16.2km s-min=13.6km az=145.0
 CSEM 05 17:45:42.7, 18.12N:63.72E, h10km, mb4.3/4
 NEIC 05 17:45:42.6,0.4, 18.12N:63.72E, h10km, mb4.3/4, Error ellipse: s-maj=7.7km s-min=6.6km az=4.0
 ISC 05 17:45:42.6,0.6, 18.17N:03.63:56E:0.07, h10km, n74, s=106/72, mb4.0/25, 1.2, Arabian Sea

Code	Station Name	AZ	Phase ID	Time Res	ISC
				h m s	ISC
WSAR	Wadi Sarin	6.91 318 Pn	Op	17 47 23.5 -0.6	
WSAR		8.1nm,0.3s,baz=170,slow=9.2,SNR=3.0	Sn	17 48 39.1 -3.8	
MNCI	Minicoy	13.41 136 Pn	Pn	17 48 52.1 -1.0	
KBL	Kabul	17.00 15 ePn	Pn	17 49 39.6 -1.1	
KBL		22nm,1.7s			
KBL		22nm,1.7s			
RAYN	Ar Rayn	17.80 291 ePn	Pn	17 49 49.4 -1.3	
GEYT	Aped	20.28 347 P	P	17 50 20.6 +0.1	
ATD	Arta Tunnel	21.18 255 P	P	17 50 30.5 +2.1	
KKN	Kakan	22.04 60 eP	P	17 50 37.5 -0.3	
PKIN	Pulchoki	22.06 61 eP	P	17 50 37.2 -0.9	
PKI	Pulchoki	22.07 61 eP	P	17 50 37.5 -0.8	
GUN	Gumba	22.58 61 eP	P	17 50 43.4 -0.3	
JIRN	Jiri	22.75 61 eP	P	17 50 45.0 -0.6	
TAPN	Tapeljung	23.93 63 eP	P	17 50 57.6 +0.2	
H08N2	Diego Garcia H	25.39 163 T	T	18 17 12.2	
H08N3	Diego Garcia H	25.40 163 T	T	18 17 16.8	
H08N1	Diego Garcia H	25.41 163 T	T	18 17 15.6	
KKAR	Karatay Array	25.52 12 eP	P	17 51 12.5 +1.1	
KKAR	Karatay Array	25.52 12 eP	P	17 51 12.5 +1.1	
AAK	Ala-Archa	25.07 18 P	P	17 51 18.5 +2.0	
GNI	Garni	27.33 327 P	P	17 51 30.5 +2.5	
KBZ	Khabaz	30.92 330 P	P	17 52 01.6 +2.0	
MK01	Makanchi Array	32.39 24 eP	P	17 52 12.0 -0.6	
MK01	Makanchi Array	32.39 24 eP	P	17 52 12.0 -0.6	
MK32	Makanchi Array	32.41 24 eP	P	17 52 13.0 +0.3	
MK32	Makanchi Array	32.41 24 eP	P	17 52 13.0 +0.3	
MKAR	Makanchi Array	32.41 24 eP	P	17 52 13.0 +0.3	
MKAR	Makanchi Array	32.41 24 eP	P	17 52 13.0 +0.3	
MKAR	Makanchi Array	32.41 24 eP	P	17 52 13.0 +0.3	
AKTO	Aktyubinsk	32.41 24 eP	P	17 52 13.0 +0.3	
AKTO	Aktyubinsk	32.41 24 eP	P	17 52 13.0 +0.3	
CM31	Chiang Mai Arr	33.45 84 eP	P	17 52 21.9 -0.2	
CMAR	Chiang Mai Arr	33.45 84 P	P	17 52 22.5 +0.4	
BR101	Keskin Array B	33.69 316 P	P	17 52 25.8 +1.6	
BRTR	Keskin Array B	33.69 316 P	P	17 52 25.8 +1.6	
BRTR		1.6nm,1.0s,baz=129,slow=9.7,SNR=7.5	PcP	17 55 04.1 +0.2	
BR231	Keskin Array B	34.48 17 P	P	17 52 26.6 -3.1	
KURBB	Kurchatov Arra	34.48 17 P	P	17 52 31.3 +0.6	
KURK	Kurchatov	34.59 17 eP	P	17 52 31.3 -0.3	
KURK	Kurchatov	34.59 17 eP	P	17 52 31.3 -0.3	
BVAR	Borovyoye Array	35.18 7 P	P	17 52 38.0 +1.3	
BVAR		0.9nm,0.7s,baz=198,slow=7.6,SNR=5.3			
BVAR	Borovyoye Array	35.18 7 P	P	17 52 38.0 +1.3	
ZALV	Zalesovo Beam	39.27 20 P	P	17 53 10.3 -1.1	
ZALV		1.3nm,0.5s,baz=217,slow=9.5,SNR=8.4			
ZALV	Zalesovo Beam	39.27 20 P	P	17 53 10.3 -1.1	
ZAA1	Zalesovo Array	39.28 20 eP	P	17 53 11.4 0.0	
ZAA1	Zalesovo Array	39.28 20 eP	P	17 53 11.4 0.0	
AKASG	Malin Array Be	42.46 328 P	P	17 53 38.4 +0.7	
AKAB	Malin Array Si	42.46 328 eP	P	17 53 38.4 +0.7	
AKAB	Malin Array Si	42.46 328 eP	P	17 53 38.4 +0.7	
KIEV	Kiev	42.47 328 eP	P	17 53 38.1 +0.3	
KIEV		16nm,1.2s			
BUR04	Bucovina Ar. S	42.96 322 eP	P	17 53 42.8 +0.8	
BUR04	Bucovina Ar. S	42.96 322 eP	P	17 53 42.8 +0.8	
BUR08	Bucovina Ar. S	42.96 322 eP	P	17 53 42.3 +0.2	
BUR08	Bucovina Ar. S	42.96 322 eP	P	17 53 42.3 +0.2	
SONA0	Songino Array	45.60 40 P	P	17 54 03.9 +0.8	
SONA0	Songino Array	45.60 40 P	P	17 54 03.9 +0.8	
SONM	Songino Array	45.60 40 P	P	17 54 03.9 +0.8	
SONM	Songino Array	45.60 40 P	P	17 54 03.9 +0.8	
GECC	GERESS Array S	50.48 319 eP	P	17 54 40.5 -0.3	
GECC	GERESS Array S	50.48 319 eP	P	17 54 40.5 -0.3	
GERES	GERESS Array B	50.46 319 eP	P	17 54 40.5 -0.3	
GERES	GERESS Array B	50.46 319 eP	P	17 54 40.5 -0.3	
FIAO	FINESS Array S	50.67 338 eP	P	17 54 42.1 +0.1	
FINES	FINESS Array B	50.67 338 eP	P	17 54 42.1 +0.1	
FIAO	FINESS Array S	50.67 338 eP	P	17 54 42.1 +0.1	
FIAO	FINESS Array S	50.67 338 eP	P	17 54 42.1 +0.1	
MATP	Matopo	51.59 224 P	P	17 54 48.9 -0.6	
MATP		1.2nm,0.6s,baz=32,slow=7.9,SNR=5.4			
CLL	Collm	51.73 322 P	P	17 54 50.0 +0.7	
CLL		comp=2.8,0nm,0.8s			
CLL	Collm	51.73 322 eP	P	17 54 51.0 +1.0	
CLL		comp=2.6,6nm,0.7s			
HFS	Hagfors	54.95 332 P	P	17 55 14.5 +0.8	
KSAR	Wonju Array Be	58.87 57 P	P	17 55 41.5 -0.3	
KSAR	Korea Array	58.91 57 P	P	17 55 41.5 -0.5	
BOSA	Boshof	59.52 219 P	P	17 55 46.3 -0.2	
BOSA		comp=2.2,8nm,0.9s,baz=56,slow=7.3,SNR=3.0			
TORD	Torodi Arr. Bea	59.65 275 eP	P	17 55 48.0 +0.4	
TORD		comp=2.3,5nm,0.8s,baz=122,slow=8.5,SNR=1.7			
TOA1	Torodi Arr. Sit	59.67 275 eP	P	17 55 48.0 +0.4	
ESDC	Sonsec Array	61.56 306 P	P	17 56 00.2 -0.2	
KOWA	Kowa	64.75 278 P	P	17 56 21.9 +0.1	
KOWA		comp=2.2,6nm,0.7s,baz=31,slow=7.3,SNR=7.6			
ASAR	Alice Springs	80.14 119 P	P	17 57 52.1 -1.4	
NVAR	Mina Array Bea	123.67 2 PkP	PKPdf	18 04 41.7 +0.4	
NVAR		comp=2.0,3nm,0.6s,baz=64,slow=2.1,SNR=4.7			

IDC 05 17:47:18.5,0.6, 18.01N:63.79E, h0km, mb4.0/24, mb1 4.1/25, mb1mx3.9/71, mbmp4.0/25, ML4.5/1, Error ellipse: s-maj=16.8km s-min=13.0km az=30.0
 NEIC 05 17:47:20.0,0.4, 18.04N:63.73E, h10km, mb4.2/4, Error ellipse: s-maj=9.1km s-min=6.0km az=19.0
 CSEM 05 17:47:20.0, 18.04N:63.73E, h10km, mb4.2/4
 ISC 05 17:47:21.6,0.9, 18.11N:01.63:56E:0.08, h19km, n63, s=112/61, mb4.1/25, Arabian Sea

Code	Station Name	AZ	Phase ID	Time Res	ISC	
				h m s	ISC	
RAYN	Ar Rayn	17.79 291 ePn	Pn	17 51 26.9 -1.4		
GEYT	Alibek	20.32 347 P	P	17 51 58.5 -0.1		
H08N2	Diego Garcia H	25.37 163 T	T	18 18 52.9		
H08N3	Diego Garcia H	25.37 163 T	T	18 18 54.2		
H08N1	Diego Garcia H	25.37 163 T	T	18 18 53.6		
KKAR	Karatay Array	25.52 12 eP	P	17 52 50.8 +1.4		
KKAR	Karatay Array	25.52 12 eP	P	17 52 50.8 +1.4		
GNI	Garni	27.36 327 P	P	17 53 08.5 +2.8		
MK31	Makanchi Array	32.46 24 eP	P	17 53 50.7 +0.1		
MK31	Makanchi Array	32.46 24 eP	P	17 53 50.7 +0.1		
MK32	Makanchi Array	32.46 24 eP	P	17 53 50.9 +0.3		
MK32	Makanchi Array	32.46 24 eP	P	17 53 50.9 +0.3		
MKAR	Makanchi Array	32.46 24 P	P	17 53 50.9 +0.3		
MKAR		0.3nm,0.4s,baz=212,slow=10.1,SNR=12	PcP	17 56 37.9 +0.4		
CM31	Chiang Mai Arr	33.48 84 P	P	17 54 00.0 +0.1		
CMAR	Chiang Mai Arr	33.48 84 P	P	17 54 03.0 +0.1		
CMAR		3.2nm,0.8s,baz=276,slow=10.1,SNR=20	PcP	17 56 41.5 +0.6		
CM01	Chiang Mai Arr	33.49 84 P	P	17 54 59.4 -0.6		
BR101	Keskin Array B	33.71 316 eP	P	17 54 40.4 +2.6		
BRTR	Keskin Array B	33.71 316 P	P	17 54 40.4 +2.6		
BRTR		0.4nm,0.6s,baz=128,slow=9.5,SNR=2.8	PcP	17 56 41.9 +0.5		
KURBB	Kurchatov Arra	34.53 17 P	P	17 54 09.3 +0.7		
KURK	Kurchatov	34.64 17 eP	P	17 54 09.3 -0.2		
KURK	Kurchatov	34.64 17 eP	P	17 54 09.3 -0.2		
BVAR	Borovyoye Array	35.23 7 P	P	17 54 15.9 +1.4		
BVAR		1.1nm,0.8s,baz=186,slow=7.7,SNR=5.9				
PSI	Prapat	37.77 110 eP	P	17 54 36.9 0.0		
ZAA0	Zalesovo Array	39.32 20 eP	P	17 54 49.1 -0.2		
ZAA0		1.1nm,1.5s				
ZAA0	Zalesovo Array	39.32 20 eP	P	17 54 49.1 -0.2		
ZALV	Zalesovo Beam	39.32 20 eP	P	17 54 49.4 +0.1		
ZALV		1.9nm,0.5s,baz=220,slow=9.6,SNR=10				
ZALV	Zalesovo Beam	39.32 20 eP	P	17 54 49.0 +0.3		
ZAA1	Zalesovo Array	39.32 20 eP	P	17 54 49.4 +0.1		
ZAA1	Zalesovo Array	39.32 20 eP	P	17 54 49.4 +0.1		
AKASG	Malin Array Be	42.49 328 P	P	17 55 16.3 +0.8		
AKAB	Malin Array Si	42.49 328 eP	P	17 55 16.3 +0.8		
AKAB	Malin Array Si	42.49 328 eP	P	17 55 16.3 +0.8		
KIEV	Kiev	42.49 328 eP	P	17 55 16.1 +0.6		
KIEV		4.3nm,0.6s				
BUR04	Bucovina Ar. S	42.98 322 eP	P	17 55 20.2 +0.6		
BUR04	Bucovina Ar. S	42.98 322 eP	P	17 55 20.2 +0.6		
SONA0	Songino Array	45.65 40 P	P	17 55 41.7 +0.7		
SONA0	Songino Array	45.65 40 P	P	17 55 41.7 +0.7		
SONM	Songino Array	45.65 40 P	P	17 55 41.7 +0.7		
SONM	Songino Array	45.65 40 P	P	17 55 41.7 +0.7		
LEM	Lembang	49.97 116 P	P	17 56 13.4 -1.6		
LEM		6.0nm,0.7s,baz=191,slow=10.2,SNR=3.0				
GECC	GERESS Array S	50.48 319 eP	P	17 56 19.2 +0.8		
GECC	GERESS Array S	50.48 319 eP	P	17 56 19.2 +0.8		
GERES	GERESS Array B	50.46 319 eP	P	17 56 19.2 +0.8		
GERES	GERESS Array B	50.46 319 eP	P	17 56 19.2 +0.8		
FIAO	FINESS Array S	50.70 338 eP	P	17 56 20.1 +0.5		
FINES	FINESS Array B	50.70 338 eP	P	17 56 20.1 +0.5		
MATP	Matopo	51.54 224 P	P	17 56 27.1 +0.5		
MATP		0.9nm,0.5s,baz=121,slow=7.4,SNR=8.1				
CLL	Collm	51.74 322 eP	P	17 56 29.0 +1.3		
CLL		comp=2.8,0nm,0.8s				
CLL	Collm	51.74 322 eP	P	17 56 32.0 -1.8		
CLL		comp=2.6,6nm,0.7s				
HFS	Hagfors	54.98 332 P	P	17 56 36.6 +0.4		
HFS		2.3nm,0.7s,baz=126,slow=7.3,SNR=4.5				
KSAR	Wonju Array Be	58.92 57 P	P	17 57 18.4 -1.2		
KSAR	Korea Array	58.95 57 P	P	17 57 18.4 -1.4		
TORD	Torodi Arr. Bea	59.64 275 P	P	17 57 26.0 +1.0		
TORD		1.1nm,0.7s,baz=267,slow=8.0,SNR=7.2				
TOA1	Torodi Arr. Sit	59.65 275 eP	P	17 57 26.0 +1.0		
EOA	Eskdalemuir	62.12 324 P	P	17 57 40.7 -0.4		
EOA		1.5nm,0.5s,baz=100,slow=8.1,SNR=6.6				
KOWA	Kowa	64.73 278 P	P	17 58 00.0 +0.9		
KOWA		1.9nm,0.8s,baz=68,slow=11.2,SNR=2.9				
MJAR	Matsushiro Arr	67.22 57 P	P	17 58 14.0 -0.8		
MJAR		1.0nm,0.7s,baz=263,slow=8.6,SNR=4.2				
SEY	Seymchan	73.47 28 P	P	17 58 52.6 +0.1		
SEY		0.6nm,0.3s,baz=279,slow=11.9,SNR=5.3				
ASAR	Alice Springs	80.14 119 P	P	17 59 29.6 -1.3		
ASAR		0.5nm,0.6s,baz=301,slow=5.6,SNR=7.4				
CTA	Charters Tower	89.31 111 P	P	18 00 16.9 -1.0		
CTA		1.9nm,0.7s,baz=293,slow=14.3,SNR=3.0				
STKA	Stevens Creek	89.62 124 P	P	18 00 17.3 -1.1		
STKA		1.3nm,0.8s,baz=316,slow=18.1,SNR=2.4				
NVAR	Mina Array Bea	123.72 2 PkP	PKPdf	18 06 20.0 +1.2		
NVAR		0.1nm,0.3s,baz=64,slow=2.1,SNR=3.2				

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VMUR Van-Muradiye, ERVC ERGIS-VAN, etc.

IDC 05 20:06:00.6:4.9, 27:17N:87:90E, h0km, mb3.5/7, mb1 3.6/7, mb1mx3.3/60, mbtmp3.5/7, Error ellipse: s-maj=89.1km s-min=45.1km az=159.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SHL Shillong, MKAR Makanchi Array, etc.

IDC 05 20:15:13.0:1.8, 17:64S:167:31E, h0km, mb3.8/5, mb1 4.0/6, mb1mx3.6/48, mbtmp3.8/6, ML2.4/1, MS2.8/1, Ms1 2.8/1, ms1mx2.7/21, Error ellipse: s-maj=50.3km

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

IDC 05 20:15:34.1:1.0, 17:75S:167:36E, h0km, mb4.4/14, mb1 4.5/15, mb1mx4.3/47, mbtmp4.4/15, ML3.9/1, MS3.6/2, Ms1 3.6/2, ms1mx3.1/20, Error ellipse: s-maj=32.7km

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

IDC 05 20:15:37.5:0.5, 17:82S:166:167E:0.1, h20km, n64, MS4.2/4, MS7.4/4

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

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

IDC 05 20:22:25.4:1.2, 18:16S:177:56W, h598km, 176km, mb3.2/5, mb1 3.3/5, mb1mx2.8/45, mbtmp4.2/5, Fjori ellipse: s-maj=78.9km s-min=33.2km az=16.0, Eri Islands region

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

IDC 05 20:21:35.4, 38:88N:43:59E, h6km, MD2.7, ISCJB 05 20:21:36.3:0.6, 38:91N:0:03:43:59E:0.06, h14km, 5km, Error ellipse: s-maj=9.1km s-min=4.4km az=13.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VMUR Van-Muradiye, ERVC ERGIS-VAN, etc.

IDC 05 20:22:25.4:1.2, 18:16S:177:56W, h598km, 176km, mb3.2/5, mb1 3.3/5, mb1mx2.8/45, mbtmp4.2/5, Fjori ellipse: s-maj=78.9km s-min=33.2km az=16.0, Eri Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like URZ Urewera, CTA Charters Tower, etc.

IDC 05 20:24:37.6:1.1, 26:1N:0:1:141:6E:0.1, h110km, mb3.5/9, Error ellipse: s-maj=21.0km s-min=12.6km az=38.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like URZ Urewera, CTA Charters Tower, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JCJ Chichijima, KSRS Korea Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VMUR Van-Muradiye, ERVC ERGIS-VAN, etc.

ISK 05 20:43:01.4, 35:13N:27:76E, h48km, ML3.0/6, ISCJB 05 20:43:02.2:1.1, 35:44N:0:06:27:86E:0.04, h12km, 7km, Error ellipse: s-maj=10.6km s-min=4.6km az=158.0

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

ISK 05 20:43:01.4, 35:13N:27:76E, h48km, ML3.0/6, ISCJB 05 20:43:02.2:1.1, 35:44N:0:06:27:86E:0.04, h12km, 7km, Error ellipse: s-maj=10.6km s-min=4.6km az=158.0

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

ISK 05 20:43:01.4, 35:13N:27:76E, h48km, ML3.0/6, ISCJB 05 20:43:02.2:1.1, 35:44N:0:06:27:86E:0.04, h12km, 7km, Error ellipse: s-maj=10.6km s-min=4.6km az=158.0

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Soldiers Grove, Harm Buss Farm, Decora, Belmont, Bielow Farm, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like H17A Grant Village, DGMT Dagmar, HLID Hailey, etc.

ICD 05 21:07:26.21.4, 17.235x166.82E, h0km, mb3.9/4, mb1 4.2/5, mb1mx3.8/39, mbtmp3.9/5, ML3.9/1, Error ellipse: s-maj=53.8km s-min=27.2km az=132.0, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other parameters. Includes stations like DZM Mont Dzumac, STKA Stephens Creek, etc.

ICD 05 21:10:51.51.2, 17.685x167.28E, h0km, mb4.3/10, mb1 4.5/11, mb1mx4.3/39, mbtmp4.3/11, ML4.2/1, MS3.5/15, Ms1 3.5/15, ms1mx3.3/37, Error ellipse: s-maj=37.2km s-min=20.2km az=130.0

ISC/JB 05 21:10:52.4.0.3, 17.773x167.04E, 0.07, h12km, mb4.6/27, MS3.5/13, Error ellipse: s-maj=10.2km s-min=6.8km az=11.7

NEIC 05 21:10:53.4.0.3, 17.785x167.17E, h10km, mb4.8/20, Error ellipse: s-maj=10.6km s-min=9.7km az=122.0

ISC 05 21:10:53.5.0.6, 17.725x167.07E, 0.1, h12km, n72, s127.5/18, mb4.7/26, MS3.6/13, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other parameters. Includes stations like DZM Mont Dzumac, AFJ Afiamalu, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KSRS Koren Array, KSAS Wonju Array, etc.

MEX 05 21:11:51.1.0.5, 14.73N, 93.25W, h16km, 51km, MD3.9, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other parameters. Includes stations like PCIG Comitan, CGIG Comitan, etc.

CSEM 05 21:26:30.8.0.2, 38.76N, 43.19E, h10km, MD2.6, Error ellipse: s-maj=6.0km s-min=4.5km az=85.0

DDA 05 21:26:30.5, 38.75N, 43.18E, h7km, MI2.9, ISK 05 21:26:30.1, 38.75N, 43.18E, h8km, MD2.6

ISC/JB 05 21:26:31.1, 0.6, 38.76N, 0.03, 43.19E, 0.05, h11km, 6km, n26, s131/39, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other parameters. Includes stations like VANB Van, TVAN Van, etc.

CSEM 05 21:28:42.4, 38.02N, 42.66E, h7km, ML2.6, DDA 05 21:28:42.4, 38.02N, 42.66E, h7km, MI2.6

ISC 05 21:28:42.4, 1.2, 38.06N, 0.04, 42.63E, 0.04, h10km, 11km, n10, 407/73, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other parameters. Includes stations like GEVA Gevas, SRTM Siirt_Merkez, etc.

CD2	comp=Z,10.0nm,0.5s		pmax	pmax		
CD2	comp=Z,710nm,11.8s		LR	LR		
CD2	comp=Z,840nm,12.5s		LR	LR		
GTA	Gaotai	32.31 288	eP	P	22 12 14.1	-0.4
GTA			pP	pP	22 12 18.3	-3.4
GTA			sP	sP	22 12 21.2	-3.4
GTA			pmax	pmax		
DAV	comp=Z,1.0nm,0.7s		LR	LR	22 23 10.3	
DAV	Davao City (W)	32.46 209	eP	P	22 12 34.7	+1.2
KMI	comp=Z,1.09nm,20.4s		baz=48,slow=32			
KMI	Kunming	34.45 262	eP	P		
KMI			pmax	pmax		
KMI	comp=Z,9.0nm,1.0s					
BILL	comp=Z,140nm,4.9s		iP	P	22 12 30.8	-3.7
BILL	Bilibino	34.66 16	iP	P	22 12 36.0	-3.7
BILL			i	i	22 12 36.0	-3.7
BILL			i	i	22 15 08.6	
BILL	comp=Z,8.0nm,1.0s		pmax	pmax		
BILL	comp=Z,218nm,21.0s		MLR	MLR		
TIXI	Tiksi	35.77 354	eP	P	22 12 42.6	-1.5
TIXI			p	p		
TIXI	comp=Z,5.9nm,0.6s		baz=153,slow=7.1,SNR=3.7			
TIXI	Tiksi	35.77 354	eP	P	22 12 42.9	-1.1
TIXI			pmax	pmax		
TIXI	comp=Z,8.0nm,0.7s					
TIXI	Tiksi	35.77 354	eP	P	22 12 42.5	-1.5
TIXI			p	p		
FAKI	comp=Z,8.0nm,0.8s					
FAKI	Fak Fak	40.04 193	eP	P	22 12 19.9	-0.7
FAKI			p	p		
FAKI	comp=Z,21nm,0.9s					
FAKI	Urumqi	40.69 297	eP	P	22 12 27.2	+1.3
FAKI			pP	pP	22 12 30.4	-2.8
FAKI			sP	sP	22 12 33.1	-3.0
FAKI			pmax	pmax		
FAKI	comp=Z,34nm,0.9s					
FAKI			pmax	pmax		
FAKI	comp=Z,210nm,4.5s		LR	LR		
FAKI	comp=Z,730nm,19.1s		LR	LR		
FAKI	comp=Z,300nm,16.3s		LR	LR		
FAKI	comp=Z,360nm,23.7s		LR	LR		
ASHTO	Chiang Mai	40.74 256	eP	P	22 12 25.3	-1.2
CHTO			pmax	pmax		
CHTO	comp=Z,2.0nm,0.8s					
CHTO	Chiang Mai	40.74 256	eP	P	22 12 25.3	-1.2
CHTO			p	p		
CHTO	comp=Z,2.3nm,0.8s					
CHTO	Chiang Mai Arr	40.94 255	eP	P	22 12 26.8	-1.4
CHTO			p	p		
CHTO	comp=Z,0.5nm,0.5s		baz=53,slow=7.3,SNR=5.3			
CHTO	Chiang Mai Arr	40.94 255	eP	P	22 12 26.8	-1.4
CHTO			LR	LR	22 32 52.0	
CHTO	comp=Z,323nm,18.6s		baz=58,slow=40			
CHTO	Lhasa	41.82 276	eP	P	22 12 36.5	+0.6
CHTO			pmax	pmax		
CHTO	comp=Z,10nm,1.0s					
CHTO	Lhasa	41.82 276	eP	P	22 12 36.5	+0.6
CHTO			p	p		
CHTO	comp=Z,10nm,1.0s					
CHTO	Zalesovo Array	41.95 313	eP	P	22 12 35.4	-0.7
CHTO			p	p		
CHTO	comp=Z,26nm,0.6s					
CHTO	Zalesovo Array	41.95 313	eP	P	22 12 35.5	-0.5
CHTO			p	p		
CHTO	comp=Z,2.5nm,0.6s		baz=98,slow=6.9,SNR=51			
CHTO	ZALV	41.95 313	eP	P	22 12 35.5	-0.5
CHTO			LR	LR	22 29 18.1	
CHTO	comp=Z,49nm,21.5s		baz=68,slow=34			
CHTO	NVS	42.89 314	eP	P	22 12 43.8	-0.8
CHTO			pmax	pmax		
CHTO	comp=Z,17nm,1.0s					
CHTO	NVS		pmax	pmax		
CHTO	comp=N,3.0nm,0.8s					
CHTO	NVS		pmax	pmax		
CHTO	comp=E,10.0nm,0.8s					
CHTO	SHL	42.97 270	eP	P	22 12 42.0	-2.8
CHTO			p	p		
CHTO	comp=Z,10nm,1.0s					
CHTO	MK01	44.03 302	eP	P	22 12 52.1	-0.9
CHTO			p	p		
CHTO	comp=Z,10nm,1.0s					
CHTO	MK31	44.03 302	eP	P	22 12 52.3	-0.7
CHTO			p	p		
CHTO	comp=Z,10nm,1.0s					
CHTO	MK32	44.03 302	eP	P	22 12 52.2	-0.7
CHTO			p	p		
CHTO	comp=Z,10nm,1.0s					
CHTO	MKAR	44.03 302	eP	P	22 12 52.6	-0.4
CHTO			p	p		
CHTO	comp=Z,5.4nm,0.8s		baz=89,slow=9.7,SNR=33			
CHTO	MKAR		LR	LR	22 32 18.4	
CHTO	comp=E,210nm,18.5s		baz=82,slow=36			
CHTO	MKAR	44.03 302	eP	P	22 12 52.2	-0.8
CHTO			p	p		
CHTO	comp=E,48nm,0.8s					
CHTO	MAKZ	44.24 303	eP	P	22 12 54.5	-0.2
CHTO			pmax	pmax		
CHTO	comp=Z,8.0nm,0.8s					
CHTO	MAKZ	44.24 303	eP	P	22 12 54.5	-0.2
CHTO			p	p		
CHTO	comp=Z,8.4nm,0.8s					
CHTO	BRDH	44.52 266	LR	LR	22 35 09.0	
CHTO			p	p		
CHTO	comp=Z,276nm,19.1s		baz=97,slow=40			
CHTO	TAPN	45.54 274	eP	P	22 12 05.5	-0.1
CHTO			p	p		
CHTO	comp=Z,19nm,0.9s					
CHTO	KURK	45.92 308	eP	P	22 12 07.4	-0.5
CHTO			pmax	pmax		
CHTO	comp=Z,19nm,0.7s					
CHTO	KURK	45.92 308	eP	P	22 12 06.8	-1.1
CHTO			p	p		
CHTO	comp=Z,27nm,0.8s					
CHTO	KURB	45.99 308	eP	P	22 12 07.4	-1.0
CHTO			p	p		
CHTO	comp=Z,19nm,0.7s		baz=85,slow=7.9,SNR=80			
CHTO	ODAN	46.01 274	eP	P	22 12 09.4	+0.1
CHTO			p	p		
CHTO	comp=Z,16nm,0.6s					
CHTO	RAMN	46.61 274	eP	P	22 12 13.8	-0.1
CHTO			p	p		
CHTO	comp=Z,57nm,0.8s					
CHTO	JIRN	46.63 275	eP	P	22 12 14.6	+0.3
CHTO			p	p		
CHTO	comp=Z,69nm,0.9s					
CHTO	PKI	47.03 276	eP	P	22 12 19.0	-0.4
CHTO			p	p		
CHTO	comp=Z,20nm,0.7s					
CHTO	PKIN	47.30 276	eP	P	22 12 19.1	-0.3
CHTO			p	p		
CHTO	comp=Z,12nm,0.7s					
CHTO	KKN	47.31 276	eP	P	22 12 19.3	-0.1
CHTO			p	p		
CHTO	comp=Z,41nm,1.0s					
CHTO	DANN	48.28 277	eP	P	22 12 27.0	0.0
CHTO			p	p		
CHTO	comp=Z,5.1nm,0.9s					
CHTO	MLY	48.53 32	eP	P	22 12 29.4	+1.3
CHTO			p	p		
CHTO	comp=Z,35nm,1.7s					
CHTO	KOLN	48.66 277	eP	P	22 12 29.9	+0.1
CHTO			p	p		
CHTO	comp=Z,25nm,0.9s					
CHTO	PYUN	49.01 278	eP	P	22 12 32.7	+0.2
CHTO			p	p		
CHTO	comp=Z,55nm,1.0s					
CHTO	BATI	49.20 203	eP	P	22 12 34.3	+0.5
CHTO			p	p		
CHTO	comp=Z,21nm,0.9s		baz=37,slow=5.1,SNR=3.2			
CHTO	MDM	49.60 32	eP	P	22 12 37.3	+1.1
CHTO			p	p		
CHTO	comp=Z,53nm,1.8s					
CHTO	COLA	49.76 32	eP	P	22 12 41.0	+3.6
CHTO			pmax	pmax		
CHTO	comp=Z,4.0nm,1.0s					
CHTO	IL1	50.17 32	eP	P	22 12 39.3	-1.3
CHTO			p	p		
CHTO	comp=Z,10nm,1.0s					
CHTO	ILAR	50.17 32	eP	P	22 12 40.0	-0.6
CHTO			p	p		
CHTO	comp=Z,3.0nm,0.6s		baz=240,slow=5.0,SNR=4.7			
CHTO	ILAR	50.17 32	eP	P	22 12 40.1	-0.6
CHTO			pmax	pmax		
CHTO	comp=Z,1.0nm,0.7s					
CHTO	ILB	50.17 32	eP	P	22 12 41.8	+1.2
CHTO			p	p		
CHTO	comp=Z,3.0nm,0.9s					
CHTO	KSH	50.23 294	eP	P	22 12 45.1	+3.6
CHTO			pP	pP	22 12 48.5	-0.4
CHTO			pP	pP	22 16 45.6	+8.8
CHTO			ScP	ScP	22 19 55.0	+0.3
CHTO			S	S	22 21 56.0	+3.6
CHTO			ScS	ScS	22 24 33.1	+1.7
CHTO			SS	SS	22 25 31.4	+5.7
CHTO			pmax	pmax		
CHTO	comp=Z,3.0nm,0.9s					
CHTO	KSH		pmax	pmax		
CHTO	comp=Z,150nm,5.4s		LR	LR		
CHTO	KSH		LR	LR		
CHTO	comp=Z,100nm,5.0s		LR	LR		
CHTO	KSH		LR	LR		
CHTO	comp=Z,87nm,4.4s		LR	LR		
CHTO	KSH		LR	LR		
CHTO	comp=Z,110nm,4.0s					
CHTO	AAK	50.36 299	iP	P	22 12 41.7	-0.9
CHTO			pmax	pmax		
CHTO	comp=Z,3.0nm,0.9s					
CHTO	AAK	50.36 299	eP	P	22 12 43.1	+0.5
CHTO			p	p		
CHTO	comp=Z,6.6nm,1.1s					
CHTO	BVAR	50.61 313	eP	P	22 12 43.6	-0.5
CHTO			p	p		
CHTO	comp=Z,6.0nm,0.7s		baz=67,slow=7.3,SNR=16			
CHTO	BVAR		LR	LR	22 36 57.0	
CHTO	comp=Z,100nm,18.2s		baz=74,slow=37			
CHTO	BRVK	50.66 313	eP	P	22 12 44.6	+0.1
CHTO			pmax	pmax		
CHTO	comp=Z,29nm,1.0s					

5d 22h

Table of station data for the 5d 22h period, including columns for station name, coordinates, elevation, and other parameters.

2012 FEB

Main table of station data for February 2012, including columns for station name, coordinates, elevation, and other parameters.

306

Table of station data for the 306 period, including columns for station name, coordinates, elevation, and other parameters.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like KSAR, WJUN, SC22, INCN, PKM, SAO, SAO, BLG, CIS, PMPB, SMMC, RDG13, HOPS, MNAI, KCPM, OSO, OSI, DECO, PASC, 109C, KMRM, ARVC, MWC, MWC, BAR, VES, MUR, BFSC, USRK, KHMM, TYV, TYV, MONP2, EDW2, IKP, ISA, ISA, CMB, CMB, PFO, PFO, PFO, XPFO, AFDM, SWSC, WDC, WDC, ORV, ORV, LRM, MYKOM, N02D, CZH, O03D, M02C, CWC, L02D, MDPB, NJ2, NJ2, KEBM, BELC, MPMC, MLAC, GSC, GSC, GSC, DAC, DAC, TIN, YBH, BC3, HEC, WAKR, GLA, GLA, GLA.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like BEKR, PNTR, HUMO, YERR, GMRC, IRM, GRAC, M04C, FURC, KDIK, KDKA, TUQ, SHOC, Y12C, Y12C, NV01, NVAR, NVAR, NVAR, 113A, PAHR, NV11, I03D, HSG, LDFC, 214A, K04D, NEE2, KVN, KVN, TPNV, TPNV, TPNV, PDMC, J04D, GRNR, GRNR, NKL, NKL, NKL, COR, COR, I04A, MOD, K05A, SHPR, J05D, G03D, Y14A, Y14A, H04A, CN2, CN2, WHN, WHN, KLR, KLR, I05D, R11A, R11A, CNPM, HOM, F04D, E03A, E03A, TUC, TUC, TUC, BRK, WVOR, WVOR, NLWA, G05D, SVW2, IPM, TIA, TIA, X16A, I07A, I07A, 319A, G06A, SEW, CCUT.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like MA2, LON, LON, U15A, PSUT, SZCU, KULM, SPU, D05A, WUAZ, WUAZ, GAMB, PGC, HPIG, F07A, PKCU, RC01, SUA, G08A, A18A, A04D, B05A, PSI, PSI, MTPU, E07A, FID, EYAK, TCRU, PMR, PMR, MSU, MSU, C06D, ZAI, B06A, E08A, 121A, BMO, BMO, MFID, DIV, SML, SML, SML, GSI, DUG, DUG, DUG, BMRM, PPLA, SCM, SCM, D08A, KLU, NLU, EPT, Q16A, F10A, BJI, BJI, CAST, MPU, B08A, ENH, LLLB, HLID, HLID, SPUT, HVU, HVU, HVU, KTH, SEY, BESE, CTU, TRF, SRU, SRU, SRU, P17A, LAR, LAR, MNTX, MNTX.

5d 23h

Table with columns: RND, Reindeer, 86.62, 13, eP, P, 00 02 27.6 -0.3, comp=Z,144nm,0.8s, etc.

2012 FEB

Table with columns: PDAR, Pinedale Array, 88.83, 43, eP, P, 00 02 37.8 -1.1, comp=Z,0.3nm,0.6s, etc.

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Table with columns: WMOK, Wichita Mounta, 92.90, 54, P, P, 00 02 58.0 +0.4, RSSD, Black Hills, 93.03, 44, P, P, etc.

2012 FEB

6d 3h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Songino Array, Eielson Array, ILAR, ZALV, KURK, etc.

NIED 06:03:13.00; 39.10N; 143.40E; h17km, Mw3.8 Best double couple: M5.26000/-1014 NPI1.85; 000000; 839.000000; ...

ISC/JB 06:03:13.45; 4.19; 39.04N; 0.04; 143.38E; 0.05; h25km; 14km, mb3.9/15, Error ellipse: s-maj=8.5km s-min=5.5km az=135.1

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Miyakonagasawa, Ohasama, Ichinoseki, Nango, etc.

IDC 06:03:14.41; 3.1; 0.17; 66S; 167.33E; h0km, mb4.2/10, m1 4.4/11, m1mx4.2/44, mbtmp4.2/11, ML4.2/1, MS3.7/12, ...

ISC/JB 06:03:14:42.8; 0.4; 17.74S; 0.06; 167.20E; 0.09; h19km, mb4.5/19, MS3.6/10, Error ellipse: s-maj=13.4km s-min=8.3km az=16.7

NEIC 06:03:14:42.7; 0.4; 17.69S; 167.29E; h10km, mb4.7/10, Error ellipse: s-maj=14.1km s-min=9.4km az=138.0

ISC 06:03:14:44.2; 0.6; 17.67S; 0.07; 167.33E; 0.1; h19km, m55, e1927/47, mb4.6/19, MS3.7/10, 10, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DZM, DZM, DZM, etc. across various island groups.

DJA 06:03:38:49.2; 0.9; 2.4; 9.6E; h10km, M4.2/6, mB4.7/1, mb4.4/2, MLV4.0/6, Mw(mB)3.9/1, ISC/JB 06:03:38:50.9; 1.0; 1.98N; 0.06; 96.06E; 0.07; h25km, ...

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like YUK, YUK, YUK, etc. across various island groups.

IDC 06:03:27:38.6; 1.0; 0.17; 63S; 167.33E; h0km, mb4.3/11, m1 4.5/12, m1mx4.2/43, mbtmp4.3/12, ML4.2/1, MS3.4/4, ...

ISC/JB 06:03:27:40.0; 0.6; 17.72S; 0.06; 167.2E; 0.1; h19km, mb4.2/13, MS3.3/2, Error ellipse: s-maj=17.0km s-min=8.7km az=8.2

NEIC 06:03:27:40.1; 0.5; 17.64S; 167.31E; h10km, mb4.5/1, Error ellipse: s-maj=13.5km s-min=9.8km az=129.0

ISC 06:03:27:41.5; 0.7; 17.70S; 0.09; 167.3E; 0.2; h19km, m28, e074/23, mb4.3/12, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DZM, DZM, DZM, etc. across various island groups.

DJA 06:03:38:49.2; 0.9; 2.4; 9.6E; h10km, M4.2/6, mB4.7/1, mb4.4/2, MLV4.0/6, Mw(mB)3.9/1, ISC/JB 06:03:38:50.9; 1.0; 1.98N; 0.06; 96.06E; 0.07; h25km, ...

mb3.9/7, MS4.4/1, Error ellipse: s-maj=11.4km s-min=8.1km az=144.8

ISC 06 03:38:55.6:2.1, 2.81N, 96.28E, h0km, mb4.0/6, mb1.4/1.7, mb1mx3.7/68, mbtmp4.1/7, ML4.2/1, MS4.4/1, M1 4.4/1, ms1mx3.5/71, Error ellipse: s-maj=72.3km s-min=25.7km az=58.0

ISC 06 03:38:53.3:1.2, 2.15N, 0.07-96.16E:0.09, h25km, n14, r192/16, mb4.0/7, Northern Sumatara

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like TPTI, GSI, KCSI, MCSI, LMSI, LHMI, CMAR, ASAR, MKAR, SONM, KURBB, ZALV, BVAR, KLR, ASAJ.

BJI 06 03:48:25.1, 2.230N, 121.13E, h10km, mb3.9/2, ML3.6/5, MS3.5/1, Ms7 3.5/1

ISCJB 06 03:48:27.5:0.3, 2.240N, 0.02-121.12E:0.02, h7km, 2km, mb3.5/8, Error ellipse: s-maj=3.3km s-min=2.8km az=6.1

TAP 06 03:48:27.4:3.0, 2.227N, 120.66E, h0km, mb3.7/9, mb1.3/8/10, mb1mx3.6/73, mbtmp3.7/10, ML2.5/1, Error ellipse: s-maj=70.0km s-min=29.1km az=174.0

ISC 06 03:48:27.5:1.0, 2.239N, 0.02-121.09E:0.03, h9km, 6km, n87, r1506/130, mb3.6/8, 11C-13J, Taiwan region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like TAW, EAST, ECL, TWGBT, TWG, SCZT, HEN, TWKBT, TWK1, TWK1, TSEB, LAY, SGLT, KAU, CHKT, TW1, ELDTW, WSSB, FULB, STYT, SGST, CHN1, CHN3, WTP, TWF1, TPUB, YULB, TAI1, CHN4, YHS, HGS, SCLT, CHN8.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like CHN8, CHY, CHN2, WDLH, SSSL, WSF, SMLT, TYC, WNT, ENLB, WDG, DPDB, WTCT, WTCT, CHGB, CHLW, WCHH, WCHH, TCU, PHUB, PNG, PNG, TDCB, TDCB, TWT, TWQ1, TWQ1, NNSB, NNSB, PTBS, PTBS, NANB, NMLH, LIOB, ENTT, YHNB, NSK, EOS1, TATO, TIPB, YOJ, YOJ, WFSB, YM10, YM05, YM03, YM03, YVUC, YVUC, KNM, KNMB, OZH, OZH, OZH, OZH, VDOS, VDOS, KRSR, MJAR, SONM, WMO, MKAR, ZALV, KURBB, ILAR, FINES, BRTR, YKA.

MAN 06 03:49:11.9, 9.97N, 123.17E, h5km, mb6.9, ML6.0, MS6.9, NEIC 06 03:49:12.5:0.1, 10.00N, 123.21E, h11km, mb6.3/225, MS6.6, MS6.6/296, MW6.7, MW6.7, Error ellipse: s-maj=3.2km s-min=2.7km az=84.0

Broadband fault plane solution: P waves. NP1:phi=186.00000, delta=1.00000, lambda=49.00000, NP2:phi=55.00000, delta=60.00000, lambda=120.00000. Principal axes: T Plg62.0000, Azm14.0000; N Plg0.0000, Azm0.0000; P Plg10.0000, Azm124.0000

Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. NEIC At least 51 people killed, 112 injured, 62 missing, 23,000 displaced, about 15,000 buildings destroyed or damaged at least 17 bridges and many roads destroyed or damaged and utilities disrupted on Negros. Many landslides occurred including two that buried 100 homes at La Libertad and 30 homes at Guihanguen. Large waves reported at La Libertad. Some buildings damaged and landslides occurred on Cebu and utilities disrupted at Illoilo, Panay. Estimated 15 million U.S. dollars damage on Negros and Cebu. Felt [VII PWS] at Dumaguete, Guihanguen, Tayasan and Vallehermoso and [VI PWS] at La Carlota, La Castellana, Manjuyod and Tanjay, Negros. Felt [VI PWS] at Clarin, Bohol and at Arjao, Barili, Cebu City and Dalaguete, and also felt [V] at Moalboan, Cebu. Felt throughout the Visayas Islands, in much of Mindanao and as far as the Manila area, Luzon.

GCMT 06 03:49:12.5:0.0, 10.03N, 123.26E, h12km, MW6.7/147, Moment Tensor Solution. s147c336; s137c619; Duration: 5s3 Moment tensor: Scale 10^19Nm; Mr:1.05e-00; Mm:0.07e-00; Ml:1.13e-00; Mn:-0.09e-01; Mw:-0.70e-00; Mv:-0.06e-01; Best double couple: Mo:1.25600e+10 NP1:phi=210.00000, delta=47.00000, lambda=79.00000; NP2:phi=19.00000, delta=63.00000, lambda=83.00000; Principal axes: T 1.0590, Plg64.0000, Azm182.0000; N 0.3870, Plg5.0000, Azm25.0000; P 1.4530, Plg2.0000, Azm295.0000; nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=50s.

BJI 06 03:49:12.2:2.9, 9.95N, 123.20E, h20km, mb6.0/55, mb6.8/79, MS6.9/93, MS7 6.8/84

MOS 06 03:49:13.4:0.9, 9.95N, 123.23E, h29km, mb6.4/112, MS6.7/124, Error ellipse: s-maj=7.1km s-min=4.0km az=111.6

NEIC 06 03:49:16.0:0.0, 9.76N, 123.04E, h15km, Moment Tensor Solution. s47 Moment tensor: Scale 10^19Nm; Mr:1.09; Mm:1.12; Ml:0.10; Mn:0.61; Mw:0.86; Best double couple: Mo:1.50000e+10 NP1:phi=137.00000, delta=83.00000, lambda=70.00000; NP2:phi=224.00000, delta=333.00000, lambda=125.00000; Principal axes: T 1.4500, Plg65.0000, Azm238.0000; N 0.1500, Plg18.0000, Azm14.0000; P -1.6100, Plg16.0000, Azm109.0000;

KLM 06 03:49:17.2:9.90N, 123.46E, h46km, mb6.6, DJA 06 03:49:18.1:0.3, 10.2N, 123.3E, h56km, 3km, M6.7/108, mb6.2/108, MB6.9/108, MLV7.1/3, MW(MB)6.7/108, Mwp6.4/69

NEIC 06 03:49:30.2:0.0, 10.07N, 123.60E, h10km, Moment Tensor Solution. s33 Moment tensor: Scale 10^19Nm; Mr:1.09; Mm:0.09; Ml:1.19; Mn:0.38; Mw:0.60; Mw:0.36; Best double couple: Mo:1.40000e+10 NP1:phi=137.00000, delta=83.00000, lambda=70.00000; NP2:phi=34.00000, delta=857.00000, lambda=106.00000; Principal axes: T 1.2300, Plg73.0000, Azm346.0000; N 0.2800, Plg13.0000, Azm205.0000; P -1.5100, Plg10.0000, Azm113.0000;

ISC 06 03:49:13.9:0.3, 9.92N, 0.02-123.22E:0.02, h18km, 1km, h18km; pp-P, N2435, r203/2714, M6.2/388, MS6.7/648, 126C-42D, Negros

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like SNPH, TBP, LLL, GUIM, DCPH, JAP, MSP, RCP, OCLP, KALP, PAGZ, PLP, SCPH, MIMP, BUTP, OTRP, BUKP, BESP, CTBH, CNP, ZCP, SJMP, AUQP, BIPH, BIPH, BUSP, DAV, DAV, BOAC, PVCP, ENPP, GQP, GSPH, PGP, MATI, PPR, LQP, TGY, TG, TG, TG, LUBP, BATP, BGP, BALP, SGSI, MYLDM, MYLDM, SCZP, KDM, CAUP, BOLP, SDKM, TSM, KKM, KKM.

ISCJB 06 03:49:10.7:0.1, 10.02N, 0.01-123.22E:0.01, h8km, mb6.1/365, MS6.6/634, Error ellipse: s-maj=2.0km s-min=1.6km az=157.2

IDD 06 03:49:10.8:0.3, 9.94N, 123.11E, h0km, mb5.6/54, mb1.5/6/56, mb1mx5.6/65, mbtmp5.6/56, ML4.4/2, MS6.5/55, MS1.6/55, ms1mx6.4/67, Error ellipse: s-maj=10.7km s-min=7.8km az=72.0

SCM	Sheep Creek Mo comp=Z,255nm,1.2s	81.08	29	eP	P	04 01 27.6	-0.4
SCM					LR		
KMRS	Kahramanmaraş	81.14	307	eP	P	04 01 28.6	-0.2
TOKT	Tokat	81.14	309	eP	P	04 01 28.1	-0.7
HCB	Kahramanmaraş	81.14	306	iP	P	04 01 24.7	-4.2
TOKA	Tokat	81.19	309	eP	P	04 01 25.8	-3.2
TOKA	Tokat	81.19	309	eP	P	04 01 28.6	-0.5
TOKA	comp=Z,221nm,1.1s				LR		
SAMS	Samsun-Alacam	81.31	310	iP	P	04 01 28.1	-1.5
KAMA	Osmaniye	81.35	306	iP	P	04 01 28.1	-1.9
KVT	Kavak	81.44	310	eP	P	04 01 29.6	-0.8
CUSAR	Sarkisla-SIVAS	81.46	309	iP	P	04 01 26.9	-3.7
ANDN	Andirin	81.57	307	iP	P	04 01 24.7	-6.5
FID	Port Fidalgo	81.58	30	eP	P	04 01 30.8	+0.2
FID	comp=Z,266nm,1.4s				LR		
FID	comp=Z,289nm,22.0s				LR		
FYU	Fort Yukon	81.59	24	eP	P	04 01 31.0	+0.5
FYU	comp=Z,254nm,1.3s				LR		
RAR	Rarotonga	81.66	113	LR		04 31 54.5	
ASF	Jabal al Asfar	81.70	301	LR		04 42 44.5	
SAUM	ADANA	81.73	307	eP	P	04 01 30.3	-1.7
KLU	Klutina	81.78	29	eP	P	04 01 32.6	+0.9
KLU	comp=Z,106nm,1.0s				LR		
SALA	Sala	81.78	302	iP	P	04 01 31.4	-1.1
BNN	Bunyan	81.82	308	eP	P	04 01 32.0	-0.5
MARH	Ras Al Marh	81.84	303	iP	P	04 01 32.4	-0.5
PAX	Paxson	81.84	27	eP	P	04 01 32.5	+0.4
PAX	comp=Z,387nm,2.0s				MLR		
PAX	Paxson	81.84	27	eP	P	04 01 32.5	+0.4
PAX	comp=Z,277nm,22.0s				LR		
PAX	comp=Z,387nm,2.0s				LR		
DIV	Divide	81.88	29	eP	P	04 01 34.0	+1.8
DIV	comp=Z,164nm,1.1s				LR		
YAYL	Yayladag	81.92	305	eP	P	04 01 32.8	-0.3
YAYL	Yayladag	81.92	305	iP	P	04 01 31.5	-1.6
EYAK	Cordova-ki Ar	81.95	30	eP	P	04 01 33.5	+1.0
EYAK	comp=Z,154nm,1.2s				LR		
TOH	TOTAH	81.96	302	iP	P	04 01 33.5	+0.2
SNOP	Sinop	81.97	311	eP	P	04 01 32.7	-0.3
DIKM	Dikmen	81.97	311	0.0		04 01 33.1	0.0
KOZT	Kozan	81.99	307	eP	P	04 01 32.7	-0.6
HARP	HAARP	82.04	28	eP	P	04 01 33.6	+0.5
HARP	comp=Z,285nm,1.4s				LR		
CEYT	Ceyhan	82.10	306	eP	P	04 01 33.8	0.0
YOZ	Yozgat	82.14	309	eP	P	04 01 32.7	-1.5
YURE	YUREGIR	82.22	306	iP	P	04 01 32.6	-1.9
HWQ	Havqa	82.25	303	eP	P	04 01 34.1	-0.7
YAHY	KAYSERI_Yahyal	82.28	307	iP	P	04 01 30.3	-4.6
AKO	Adana	82.29	307	iP	P	04 01 30.3	-4.5
COAL	Corum-Alaca	82.33	309	iP	P	04 01 31.5	-3.7
BRBR	Barbar	82.35	303	iP	P	04 01 34.4	-1.1
DOT	Dot Lake	82.40	27	eP	P	04 01 34.7	-0.2
DOT	comp=Z,283nm,1.2s				LR		
TCHB	Talchebol	82.42	302	iP	P	04 01 35.5	-0.2
SIM	Simferopol	82.44	314	eP	P	04 01 35.3	-0.2
SIM					S	04 11 52.7	+1.4
SIM	comp=Z,195nm,1.3s				MLR		
SIM	comp=Z,2µm,8.8s				MLR		
KRTS	Karatas	82.45	306	eP	P	04 01 36.6	+0.9
BMRM	Bremner River	82.47	29	eP	P	04 01 36.2	+0.9
BMRM	comp=Z,165nm,1.0s				LR		
RAGM	Ragged Mountai	82.50	30	eP	P	04 01 36.1	+0.6
RAGM	comp=Z,409nm,1.6s				LR		
RAGM	comp=Z,32µm,21.0s				LR		
SHBL	Shebna	82.53	303	eP	P	04 01 36.9	+0.5
BHL	Bhannes	82.54	303	eP	P	04 01 36.5	+0.2
AVNS	Neveshir-Avano	82.57	317	eP	P	04 01 37.1	-2.9
CORM	Corum	82.61	309	eP	P	04 01 36.7	+1.0
KARA	Karaisalı	82.62	306	eP	P	04 01 36.9	+0.3
MENT	Mentasta	82.64	27	eP	P	04 01 37.1	+0.9
MENT	comp=Z,89nm,1.1s				LR		
DED	Mersin	82.86	306	iP	P	04 01 33.7	-4.1
BZK	Bozkurt	82.87	311	eP	P	04 01 37.6	-0.1
CDAG	Cicekdag	82.87	309	iP	P	04 01 34.9	-3.1
KEV	Kevo	82.92	340	eP	P	04 01 36.3	-1.1
KEV	comp=Z,311nm,1.1s				MLR		
KEV	comp=Z,40µm,20.0s				MLR		
KEV	Kevo	82.92	340	eP	P	04 01 36.2	-1.1
KEV	comp=Z,311nm,1.1s				LR		
PUL	Pulkovo	82.97	329	eP	P	04 01 38.7	+0.8
PUL	comp=Z,40µm,20.0s				MLR		
PUL	comp=Z,945nm,1.7s				MLR		
KAST	KASTAMONU	82.98	311	iP	P	04 01 38.2	-0.2
GULA	Gulagac	83.14	308	eP	P	04 01 38.7	-0.7
FURI	Furi	83.17	278	PFAKE		04 01 50.0	+1.0
FURI	Furi	83.17	278	eP	P	04 01 43.1	+2.9
FURI	Furi	83.17	278	eP	P	04 01 43.1	+2.9
ILGA	Ilgaz	83.20	310	iP	P	04 01 38.2	-1.5
ILGA	Ilgaz	83.20	310	iP	P	04 01 39.3	-0.5
CANT	Cankiri	83.33	310	eP	P	04 01 40.4	+0.2
KERG	Konya-Eregli	83.34	307	iP	P	04 01 37.1	-3.4
BR131	Keskin Array S	83.42	309	P		04 01 39.4	-1.5
BR131	Keskin Array S	83.42	309	P		04 01 39.5	-1.3
BR131					S	04 12 00.5	-1.3
BRTR	Keskin Array B	83.42	309	P		04 01 39.4	-1.5
BRTR	comp=Z,54nm,1.0s,baz=119,slow=3.5,SNR=67				LR	04 42 02.2	
KIZK	Mersin	83.44	306	eP	P	04 01 40.9	+0.1
KIZK	Mersin	83.44	306	iP	P	04 01 38.9	-2.6
AKSY	AKSARAY - Altı	83.47	308	eP	P	04 01 37.1	-3.9
ELDT	Eldivan	83.49	310	iP	P	04 01 38.2	-3.0
EGAK	Eagle	83.50	25	eP	P	04 01 39.2	-1.3
EGAK	comp=Z,51nm,0.9s				ePP	04 04 55.1	+2.6
EGAK					LR		
EREN	Erenkoy	83.55	305	eP	P	04 01 41.6	+0.2
SERE	Serefilkochoisa	83.58	308	eP	P	04 01 39.9	-1.8
SILI	Silifke-Mersin	83.64	306	eP	P	04 01 40.9	-0.9
SULT	Sultanhani-AKS	83.72	308	eP	P	04 01 41.5	-0.8
PHNC	Paralimni	83.73	304	eP	P	04 01 32.6	+0.3
SPAO	Spitsbergen Ar	83.77	349	eP	P	04 01 41.3	-0.4
SPAO	Spitsbergen Ar	83.77	349	eP	P	04 01 40.8	-0.9
SPAO	comp=Z,10µm,2.1s				IVmB_BB	04 01 42.9	
SPITS	Spitsbergen Ar	83.77	349	P		04 01 40.8	-0.9
SPITS	comp=Z,160nm,0.8s,baz=46,slow=6.2,SNR=50				LR	04 43 19.2	
KURC	Kurucaşli-Bar	83.82	311	eP	P	04 01 42.4	-0.2
BBAL	Bala	83.84	309	iP	P	04 01 40.5	-2.5
HAMF	Hammerfest	83.86	341	eP	P	04 01 41.3	-0.9

HAMF	comp=Z,5µm,2.6s				IVmB_BB	04 01 46.9	
HAMF	comp=Z,7.6µm,19.9s				IVmSBB	04 42 56.4	
AFSR	Afar-Bale (A	83.89	309	eP	P	04 01 42.4	-0.8
AKKU	Akkuyu-Mersin	83.96	306	eP	P	04 01 41.9	-1.6
TEVE	Tevekkali-Mers	84.01	306	eP	P	04 01 44.2	+0.3
ANTO	Ankara	84.05	309	eP	P	04 01 43.7	-0.3
ANTO	Ankara	84.05	309	eP	P	04 01 43.0	-1.0
ANTO	comp=Z,513nm,1.3s				pmax		
ANTO	Ankara	84.05	309	eP	P	04 01 43.0	-1.0
ANTO	comp=Z,513nm,1.3s				P		
ANTO	Ankara	84.05	309	P		04 01 43.8	-0.2
ANTO	SNR=93				P	04 01 43.8	-0.2
KKUL	Konya-Kulu	84.05	309	iP	P	04 01 40.5	-3.6
BR231	Keskin MP Arra	84.07	309	eP	P	04 01 43.4	-0.7
LOD	Lodumlu	84.07	309	eP	P	04 01 42.9	-1.2
LEKSE	Lefkose	84.10	305	eP	P	04 01 43.8	-0.5
CHBY	Cihanbeyli	84.15	308	eP	P	04 01 43.2	-1.4
CMDR	Camlidere-ANKA	84.20	310	iP	P	04 01 42.8	-2.1
BTIN	Barf-ni	84.21	311	iP	P	04 01 39.4	-5.3
CSS	Mathiatis	84.31	304	eP	P	04 01 44.6	-0.7
CSS	Mathiatis	84.31	304	eP	P	04 01 44.6	-0.7
CSS	comp=Z,225nm,1.2s				LR		
CSS	comp=Z,6µm,22.0s				LR		
CSS	Mathiatis	84.31	304	P		04 01 47.2	+1.9
CSS	Mathiatis	84.31	304	P		04 01 44.0	-1.3
TEKE	Tekeki-Mersin	84.31	306	eP	P	04 01 44.2	-1.1
HSPB	Hornsund (broa	84.32	347	eP	P	04 01 44.8	+0.3
HSPB					eSP	04 01 53.5	+1.1
HSPB					S	04 05 03.1	
HSPB					eS	04 12 02.9	+0.7
HSPB					eSS	04 17 41.3	+3.0
HSPB					eSSS	04 21 10.2	
HSPB	Hornsund (broa	84.32	347	eP	P	04 01 44.3	-0.2
HSPB	comp=Z,5µm,1.7s				IVmB_BB	04 01 45.9	
HSPB	comp=Z,34µm,19.0s				IVmS_BB	04 44 32.6	
KBS	Kingsbay	84.33	350	eP	P	04 01 44.0	-0.5
KBS					pmax		
KBS	comp=Z,173nm,1.1s				MLR		
KBS	comp=Z,81µm,21.0s				MLR		
KBS	Kingsbay	84.33	350	eP	P	04 01 44.0	-0.5
KBS	comp=Z,173nm,1.1s				LR		
MAMC	Mammari	84.37	305	P		04 01 46.3	+0.7
DAWY	Dawson	84.38	26	eP			

6d 3h

Table with columns: Station Name, Frequency, Power, Modulation, and other parameters. Includes stations like KCTC, TESR, GRER, TAVA, KULA, VRI, FETY, PGOR, PRAR, PRA, PLOR, STEI, etc.

2012 FEB

Table with columns: Station Name, Frequency, Power, Modulation, and other parameters. Includes stations like PLD, Plovdiv, TRPA, RZN, RZNP, UZH, etc.

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Table with columns: Station Name, Frequency, Power, Modulation, and other parameters. Includes stations like TBI, comp=Z,37m,32.8s, eSS, SS, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MOL, CSKK, OHR, NEST, KSP, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GOPC, GO Pecny, Ondr, CONA, etc.

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

6d 3h

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Table with columns for race ID, name, time, and other details. Includes entries like B06A, F04D, D05A, WDD, G03D, KEBM, COR, WLF, LON, ECH, MCD, H04A, H02A, SENIN, B08A, HUMO, J04D, E07A, KMRM, G06A, YBH, F07A, BORG, D08A, ILULI, LBTB, L04D, KCPM, BNI, KPL, N02D, E08A, J05D, EKA, EAB.

Table with columns for race ID, name, time, and other details. Includes entries like ESK, HPK, BHH, WDC, NEW, NEW, VSL, LBWR, HOPS, BOSA, BOSA, BOSA, G08A, CWF, CWF, GDXM, I07A, M03D, M03D, G08A, G08A, F10A, ORV, ORV, HLM1, WALA, J08A, BMO, BMO, KEST, KEST, AFDM, SFJD, SFJD, SFJD, BEKR, BEKR, RDG13, WVOR, WVOR, WVOR, JTMT, SAO, DSB, CMB, CMB, PAHR, MSO, MSO, PNTR, YERR, YERR, PMPB, WAKR, WAKR.

Table with columns for race ID, name, time, and other details. Includes entries like RKT, RKT, RKT, RYN, RYN, MDPB, BMN, KVN, KVN, MLAC, NV01, NVAR, NVAR, FFC, FFC, SMCC, NV11, HLID, LRM, PKM, SUR, MCMT, EGMT, EGMT, YES, TIN, SBC, FRB, BOZ, BOZ, ISA, ISA, SNCC, GRAC, VAL, QMOT, DAC, DAC, MPMC, YMR, LRMC, EDW2, YNR, PASC, PASC, R11A, MWC, H17A, LKWY, LKWY, TPVW, TPVW, IMW, IMW, FXWY, MOOW, TPVW, TPVW, BGU, BGU, GSC, GSC, REDW, REDW, LOHW, LOHW.

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63d	3h	H38A	Maiden Rock	116.89	28	P	PKPdf	04 07 57.8	-0.1
		E41A	Kenton	116.92	24	P	PKPdf	04 07 58.0	+0.1
		G39A	Holcombe	116.92	27	P	PKPdf	04 07 58.5	+0.6
		EPT	El Paso	116.93	47	ePKPdf	PKPdf	04 07 56.2	-2.3
		K35A	Storm Lake	116.93	31	P	PKPdf	04 07 57.8	-0.2
		J36A	Seneca 1, Swea	116.93	30	P	PKPdf	04 07 58.2	+0.2
		M34A	Aspy Farms, Fr	117.10	33	P	PKPdf	04 07 58.1	-0.3
		COWI	Conover	117.14	25	ePKPdf	PKPdf	04 07 57.0	-1.3
		CBKS	Cedar Bluff	117.16	37	P	PKPdf	04 07 58.2	-0.5
		CBKS	Cedar Bluff	117.16	37	ePKIKP	PKPdf	04 07 57.1	-1.6
		CBKS	Cedar Bluff	117.16	37	ePKPdf	PKPdf	04 07 57.1	-1.6
		N33A	J Bar K, Exete	117.17	34	P	PKPdf	04 07 58.0	-0.5
		L35A	Blow Farm, R	117.21	32	P	PKPdf	04 07 58.2	-0.4
		J37A	Redenius Farm,	117.33	29	P	PKPdf	04 07 58.8	0.0
		H39A	Augusta	117.34	27	P	PKPdf	04 07 59.0	+0.2
		G40A	Rib Lake	117.36	26	P	PKPdf	04 07 58.8	+0.1
		I32A	Scanlan Farm,	117.36	28	P	PKPdf	04 07 58.9	0.0
		E48A	Champion	117.37	24	P	PKPdf	04 07 58.7	-0.1
		K36A	Gilmore City	117.39	31	P	PKPdf	04 07 59.1	+0.1
		F41A	Three Lakes	117.45	25	P	PKPdf	04 07 58.9	-0.1
		O33A	Hebron	117.55	34	P	PKPdf	04 07 58.6	-0.7
		TOC2	Torodi Ar. Sit	117.56	290	PFAKE	LR	04 08 10.0	+1.0
		TOC3	Torodi Ar. Sit	117.57	290	PFAKE	LR	04 08 10.0	+1.0
		TOC3	Torodi Ar. Sit	117.57	290	PFAKE	LR	04 08 10.0	+1.0
		TOB2	Torodi Ar. Sit	117.57	290	PFAKE	LR	04 08 10.0	+1.0
		TOB3	Torodi Ar. Sit	117.58	290	PFAKE	LR	04 08 10.0	+1.0
		TOA0	Torodi Ar. Sit	117.59	290	ePKPdf	PKPdf	04 07 57.4	-2.6
		TORD	Torodi Ar. Bea	117.59	290	PKP	PKPdf	04 07 58.0	-1.9
		TORD	Torodi Ar. Bea	117.59	290	PKP	PKPdf	04 09 08.9	-3.3
		TOA1	Torodi Ar. Sit	117.59	290	PFAKE	LR	04 08 10.0	+1.0
		TOC4	Torodi Ar. Sit	117.59	290	PFAKE	LR	04 08 10.0	+1.0
		TOC7	Torodi Ar. Sit	117.60	290	PFAKE	LR	04 08 10.0	+1.0
		M35A	Neola	117.60	32	P	PKPdf	04 07 58.5	-0.9
		TOB5	Torodi Ar. Sit	117.60	290	PFAKE	LR	04 08 10.0	+1.0
		TOB4	Torodi Ar. Sit	117.60	290	PFAKE	LR	04 08 10.0	+1.0
		TOC5	Torodi Ar. Sit	117.61	290	PFAKE	LR	04 08 10.0	+1.0
		TOC6	Torodi Ar. Sit	117.61	290	PFAKE	LR	04 08 10.0	+1.0
		N34A	Lincoln	117.61	33	P	PKPdf	04 07 58.6	-0.8
		L36A	Harm Buss Farm	117.67	31	P	PKPdf	04 07 59.2	-0.3
		K37A	Belmond	117.69	30	P	PKPdf	04 07 59.6	+0.1
		MNTX	Cornudas Mount	117.77	46	P	PKPdf	04 07 59.4	-0.6
		MNTX	Cornudas Mount	117.77	46	ePKPdf	PKPdf	04 07 60.0	0.0
		E43A	Lone Tree Farm	117.77	23	P	PKPdf	04 07 59.3	-0.3
		F42A	Maple Grove Fa	117.83	24	P	PKPdf	04 07 59.0	-0.7
		G41A	Antigo	117.84	25	P	PKPdf	04 07 59.1	-0.6
		J38A	Wedel Dairy, R	117.84	29	P	PKPdf	04 07 59.4	-0.4
		O39A	Houston	117.88	28	P	PKPdf	04 07 59.6	-0.2
		O34A	Beatrice	117.97	34	P	PKPdf	04 07 59.1	-1.1
		E44A	Grand Marais A	117.98	22	P	PKPdf	04 07 59.9	0.0
		N35A	Tabor	118.06	33	P	PKPdf	04 07 59.8	-0.4
		M36A	Felix, Anita	118.07	32	P	PKPdf	04 07 59.9	-0.4
		H41A	Junction City	118.11	26	P	PKPdf	04 08 00.3	0.0
		L37A	Phoenix Point,	118.11	30	P	PKPdf	04 07 59.9	-0.4
		G42A	Mountain	118.13	25	P	PKPdf	04 08 00.2	-0.1
		F43A	Flat Rock, Esc	118.16	24	P	PKPdf	04 08 00.5	+0.2
		J39A	Decora	118.19	28	P	PKPdf	04 07 59.6	-0.9
		K38A	Parkersburg	118.21	29	P	PKPdf	04 07 59.9	-0.6
		SLBS	Sierra La Lagu	118.24	56	ePKPdf	PKPdf	04 08 00.4	-0.7
		SLBS	Sierra La Lagu	118.24	56	ePKPdf	PKPdf	04 09 10.6	-5.8
		H40A	Norwalk	118.26	27	P	PKPdf	04 08 00.3	-0.2
		MSTX	Muleshoe	118.28	43	P	PKPdf	04 08 00.7	-0.3
		MSTX	Muleshoe	118.28	43	ePKPdf	PKPdf	04 08 00.1	-1.0
		F44A	Big Bay de Noc	118.33	23	P	PKPdf	04 08 00.8	+0.2
		O35A	Humboldt	118.34	33	P	PKPdf	04 08 00.0	-0.8
		P34A	Walnut Farm, R	118.34	34	P	PKPdf	04 08 00.5	-0.3
		G43A	Wallace	118.42	24	P	PKPdf	04 08 00.7	-0.1
		AMTX	Amarillo	118.45	41	P	PKPdf	04 08 01.0	-0.3
		AMTX	Amarillo	118.45	41	ePKPdf	PKPdf	04 07 59.3	-2.0
		N36A	Muff Farm, Cla	118.45	32	P	PKPdf	04 08 01.0	0.0
		H41A	Arkdale	118.46	27	P	PKPdf	04 08 00.8	-0.1
		E45A	Wooded Hills,	118.48	22	P	PKPdf	04 08 01.1	+0.2

M37A	Trindle Farm,	118.49	31	P	PKPdf	04 08 00.8	-0.3
L38A	Oak Wood Farm,	118.50	30	P	PKPdf	04 08 00.8	-0.3
SCIA	State Center	118.54	30	P	PKPdf	04 08 00.8	-0.4
SCIA	State Center	118.54	30	ePKPdf	PKPdf	04 07 59.7	-1.4
K39A	Delwein	118.59	29	P	PKPdf	04 08 00.6	-0.6
J40A	Soldiers Grove	118.59	28	P	PKPdf	04 08 00.7	-0.5
H42A	Shiloh	118.68	25	P	PKPdf	04 08 00.5	-0.8
Q44A	Chapman	118.70	35	P	PKPdf	04 08 01.4	-0.2
KSU1	Kansas State U	118.77	35	P	PKPdf	04 08 01.1	-0.6
KSU1	Kansas State U	118.77	35	ePKPdf	PKPdf	04 08 00.0	-1.7
P35A	Duane Minner,	118.80	34	P	PKPdf	04 08 01.1	-0.6
N37A	Lee Faris, Mou	118.89	32	P	PKPdf	04 08 00.9	-0.9
M38A	Pleasantville	118.92	31	P	PKPdf	04 08 01.6	-0.3
F45A	CMU Biological	118.92	23	P	PKPdf	04 08 00.7	-1.1
O36A	Bolkow	118.94	33	P	PKPdf	04 08 01.4	-0.6
J41A	Loganville	118.94	27	P	PKPdf	04 08 01.4	-0.5
K40A	Colesburg	118.94	28	P	PKPdf	04 08 01.8	-0.1
R34A	Isabella, Hill	118.96	36	P	PKPdf	04 08 02.0	-0.1
L39A	Vinton	118.98	29	P	PKPdf	04 08 02.0	0.0
I42A	Draeger Farm,	119.01	26	P	PKPdf	04 08 01.6	-0.4
H43A	Windswept, Lux	119.03	25	P	PKPdf	04 08 01.7	-0.3
F46A	Macinaw City	119.13	22	P	PKPdf	04 08 02.0	-0.2
P36A	Good Intent, A	119.18	33	P	PKPdf	04 08 01.1	-1.3
JFWS	Jewell Farm	119.19	28	P	PKPdf	04 08 02.1	-0.3
JFWS	Jewell Farm	119.19	28	ePKIKP	PKPdf	04 08 00.3	-2.1
JFWS	Jewell Farm	119.19	28	ePKPdf	PKPdf	04 08 00.3	-2.1
U32A	Winter Ranch,	119.19	38	P	PKPdf	04 08 01.7	-0.9
Q35A	Mercer Eighty,	119.26	34	P	PKPdf	04 08 01.6	-1.0
H43A	Langenfeld Bro	119.35	26	P	PKPdf	04 08 01.5	-1.1
O37A	Wolven Farm, M	119.35	32	P	PKPdf	04 08 02.3	-0.4
N38A	Loes South For	119.36	31	P	PKPdf	04 08 02.5	-0.3
J42A	Columbus	119.38	27	P	PKPdf	04 08 01.8	-0.9
M39A	Weber	119.38	30	P	PKPdf	04 08 02.1	-0.7
L40A	Anamosa	119.40	29	P	PKPdf	04 08 02.1	-0.7
S41A	Shuburg	119.40	28	P	PKPdf	04 08 02.3	-0.5
K44A	Willow Spring	119.44	36	P	PKPdf	04 08 02.6	-0.4
Q36A	Arnold C. Orve	119.50	34	P	PKPdf	04 08 02.2	-0.9
R35A	Emporia Munic	119.54	35	P	PKPdf	04 08 02.6	-0.6
J43A	Natural Harves	119.64	26	P	PKPdf	04 08 02.4	-0.8
P37A	Lathrop	119.66	33	P	PKPdf	04 08 03.2	-0.2
N39A	Derby Farms, D	119.67	31	P	PKPdf	04 08 03.2	-0.2
K42A	Prairie Point, S	119.71	27	P	PKPdf	04 08 03.0	-0.4
L41A	Preston	119.73	28	P	PKPdf	04 08 03.0	-0.4
O38A	Gal	119.73	32	P	PKPdf	04 08 03.3	-0.2
M40A	Port Highland	119.76	30	P	PKPdf	04 08 03.0	-0.5
T34A	McClaskey Farm	119.86	37	P	PKPdf	04 08 03.6	-0.3
S35A	Otter Creek Ra	119.91	36	P	PKPdf	04 08 03.7	-0.3
R36A	Gordon, Harris	119.93	35	P	PKPdf	04 08 03.3	-0.6
P38A	Dawn	120.07	32	P	PKPdf	04 08 03.8	-0.3
HPIG	Seagarden Farm	120.09	51	ePKPdf	PKPdf	04 08 04.1	-0.7
O39A	Kirkville	120.11	31	P	PKPdf	04 08 03.8	-0.5
Q37A	Longview Farm,	120.12	33	P	PKPdf	04 08 03.2	-1.1
N40A	Mertquale, Sal	120.12	30	P	PKPdf	04 08 03.8	-0.4
L42A	Oliver, Polo	120.17	28	P	PKPdf	04 08 03.9	-0.4
K43A	Burton	120.22	27	P	PKPdf	04 08 04.2	-0.2
M41A	Milan	120.25	29	P	PKPdf	04 08 03.9	-0.6
S36A	Lak Cedric, C	120.30	35	P	PKPdf	04 08 04.3	-0.4
TX31	Lajitas Ar. Si	120.30	48	ePKPdf	PKPdf	04 08 03.8	-1.2
TXAR	Lajitas Ar. Si	120.30	48	PKP	PKPdf	04 08 04.1	-0.9
TXAR	Comp-Z, 3.5nm, 1.1s, baz=229, slow=1.2, SNR=24			PP	PP	04 09 30.5	+0.2
TXAR	Comp-Z, 5.4nm, 1.0s, baz=297, slow=8.3, SNR=2.3			PKP	PKP	04 18 14.1	-0.2
R37A	Comp-Z, 2.5nm, 1.0s, baz=141, slow=6.1, SNR=5.0			P	PKPdf	04 08 03.9	-0.8
T35A	Sooner Cattle	120.33	36	P	PKPdf	04 08 04.5	-0.3
WMOK	Wichita Mounta	120.39	40	P	PKPdf	04 08 04.6	-0.3
WMOK	Wichita Mounta	120.39	40	ePKIKP	PKPdf	04 08 03.7	-1.3
WMOK	Wichita Mounta	120.39	40	ePKPdf	PKPdf	04 08 03.7	-1.3
L43A	Garden Prairie	120.45	27	P	PKPdf	04 08 05.3	+0.5
Q38A	Cooks Store C	120.50	33	P	PKPdf	04 08 05.2	+0.2
O40A	La Belle	120.55	31	P	PKPdf	04 08 05.2	+0.2
M42A	Sheffield	120.56	28	P	PKPdf	04 08 05.5	+0.5
U35A	Pawnee	120.57	37	P	PKPdf	04 08 05.2	0.0
U35A	Pawnee	120.57	37	ePKPdf	PKPdf	04 09 28.6	-3.0
P39B	Salisbury	120.57	32	P	PKPdf	04 08 05.2	0.0
T36A	Fort Worth Farm, Ca	120.59	36	P	PKPdf	04 08 05.0	-0.3
N41A	Harden Midland	120.61	30	P	PKPdf	04 08 04.8	-0.3
S37A	Corbett	120.70	35	P	PKPdf	04 08 05.0	-0.4
Q39A	Willow Grove F	120.78	32	P	PKPdf	04 08 05.3	-0.2
L44A	Lake County Fo	120.82	27	P	PKPdf	04 08 05.1	-0.4
P40A	Paris	120.91	31	P	PKPdf	04 08 05.8	0.0
R38A	Fenwick Farm,	120.91	34	P	PKPdf	04 08 05.6	-0.3

N42A	Yates City	120.92	29	P	PKPdf	04 08 05.5	-0.2
V35A	Meyer Ranch, C	120.92	38	P	PKPdf	04 08 05.3	-0.6
V35A	Meyer Ranch, C	120.92	38	ePKPdf	PKPdf	04 08 05.0	-0.9
M43A	Walham Townsh	120.94	28	P	PKPdf	04 08 05.2	-0.6

PQI	baz=314	122.78	9	ePKPdf	PKPdf	04 08 08.0	-1.2
PQI	Presque Isle			ePP	PP	04 09 44.6	-1.2
U40A	Yellville	122.81	34	P	PKPdf	04 08 09.2	-0.4
X38A	Whitesboro	122.86	37	P	PKPdf	04 08 09.4	-0.2
S42A	Caledonia	122.88	32	P	PKPdf	04 08 09.2	-0.4
FVM	French Village	122.90	31	ePKP	MLR	04 08 07.4	-2.3
FVM	French Village	122.90	31	ePKPdf	LR	04 08 07.4	-2.3
QV4A	Meyer Farm, Va	122.90	30	P	PKPdf	04 08 09.5	-0.1
T41A	Mountain View	122.91	33	P	PKPdf	04 08 09.4	-0.3
R43A	Red Bud	122.93	31	P	PKPdf	04 08 09.1	-0.5
WHTX	Lake Whitney,	123.01	41	P	PKPdf	04 08 09.2	-0.8
WHTX	Lake Whitney,	123.01	41	ePKPdf	LR	04 08 08.9	-1.1
P45A	Graceland, Par	123.02	28	P	PKPdf	04 08 09.6	-0.3
P45A	Magazine	123.11	36	P	PKPdf	04 08 10.0	-0.0
P30A	Porto Moniz, M	123.16	320	ePP	PP	04 09 50.0	+0.5
O47A	Sheridan	123.16	27	P	PKPdf	04 08 09.8	-0.0
P46A	Rosedale	123.20	28	P	PKPdf	04 08 10.3	-0.1
V40A	Witts Springs	123.22	35	P	PKPdf	04 08 10.0	-0.4
T42A	Van Buren	123.27	33	P	PKPdf	04 08 10.1	-0.3
Q45A	Warren Harvey,	123.33	29	P	PKPdf	04 08 10.5	+0.1
U41A	Viola	123.33	34	P	PKPdf	04 08 10.3	-0.2
LONY	Lake Ozonia	123.38	15	P	PKPdf	04 08 10.3	+0.1
LONY	Lake Ozonia	123.38	15	ePKPdf	PP	04 08 10.7	+0.3
LONY	Lake Ozonia	123.38	15	ePKPdf	LR	04 09 44.5	-5.5
R44A	Waltonville	123.38	30	P	PKPdf	04 08 10.4	-0.2
X39A	Fountain Ranch	123.40	37	P	PKPdf	04 08 11.0	+0.2
S43A	Fulton Ridge,	123.40	31	P	PKPdf	04 08 10.5	+0.1
FRNY	Flat Rock	123.42	14	ePKPdf	LR	04 08 07.6	-2.8
OLIL	Olney	123.48	29	ePKPdf	LR	04 08 09.2	-1.5
W40A	Ferguson Farm,	123.52	36	P	PKPdf	04 08 10.8	-0.1
W40A	Ferguson Farm,	123.52	36	ePKPdf	LR	04 08 09.5	-1.4
Q46A	CEJHS Indians,	123.60	28	P	PKPdf	04 08 10.4	-0.5
V41A	Mountainview	123.61	34	P	PKPdf	04 08 11.0	-0.1
T43A	Greenville	123.66	32	P	PKPdf	04 08 10.7	-0.4
MIAR	Mount Ida	123.69	36	P	PKPdf	04 08 11.3	0.0
MIAR	Mount Ida	123.69	36	ePKIKP	MLR	04 08 10.2	-1.0
MIAR	Mount Ida	123.69	36	ePKPdf	LR	04 08 10.2	-1.0
435B	Jarrell	123.69	43	P	PKPdf	04 08 11.3	-0.1
U42A	Reviden	123.70	33	P	PKPdf	04 08 10.9	-0.3
S44A	Carbondale	123.72	31	P	PKPdf	04 08 11.4	+0.2
SIUC	Southern Illin	123.72	31	ePKPdf	LR	04 08 10.4	-0.8
P47A	Martinsville	123.73	27	P	PKPdf	04 08 10.8	-0.4
R45A	Skyler, Fairri	123.74	30	P	PKPdf	04 08 11.6	+0.3
PBMO	Poplar Bluff	123.81	32	ePKPdf	LR	04 08 09.3	-2.1
BLO	Bloomington	123.87	28	ePKIKP	MLR	04 08 10.1	-1.4
BLO	Bloomington	123.87	28	ePKPdf	LR	04 08 10.1	-1.4
X301	Greenbrier Sit	123.87	35	ePKPdf	LR	04 08 10.1	-1.4
W41A	Woolly Hollow	123.90	35	ePKPdf	PP	04 08 11.0	-0.6
W41A	Woolly Hollow	123.90	35	ePKPdf	LR	04 09 51.5	-2.6
PKME	Peaks-Kenny Pk	123.93	11	P	PKPdf	04 08 11.2	-0.2
PKME	Peaks-Kenny Pk	123.93	11	ePKPdf	PP	04 08 11.8	+0.5
PKME	Peaks-Kenny Pk	123.93	11	ePKPdf	LR	04 09 53.5	-0.1
833A	Chaparral WMA,	123.95	46	P	PKPdf	04 08 11.7	-0.2
W41A	Gary Mavity, V	124.00	35	P	PKPdf	04 08 12.0	+0.2
ERPA	Erie	124.01	21	P	PKPdf	04 08 11.4	-0.3
ERPA	Erie	124.01	21	ePKPdf	PP	04 08 10.5	-1.2
ERPA	Erie	124.01	21	ePKPdf	LR	04 09 51.7	-2.7
T44A	Benton	124.02	32	P	PKPdf	04 08 11.2	-0.6
LMN	Caledonia Moun	124.02	7	ePKPdf	PP	04 08 11.8	+0.3
LMN	Caledonia Moun	124.02	7	ePKPdf	LR	04 09 57.5	+3.4
V42A	Cord	124.02	34	P	PKPdf	04 08 11.6	-0.2
NCB	Newcomb	124.07	15	ePKPdf	PP	04 08 12.3	+0.5
NCB	Newcomb	124.07	15	ePKPdf	LR	04 09 50.8	-3.9
S45A	Carrier Mills	124.07	30	P	PKPdf	04 08 11.9	+0.1
VT1	Waterbury	124.10	14	ePKPdf	PP	04 08 12.6	+0.8
Q47A	Bedford North L	124.11	28	P	PKPdf	04 08 11.6	-0.3
U43A	Rector	124.13	33	P	PKPdf	04 08 11.6	-0.5
MMNV	Mt. Morris Dam	124.16	19	ePKPdf	LR	04 08 10.7	-1.2
MMNV	Mt. Morris Dam	124.16	19	ePKPdf	LR	04 08 12.3	+0.1
R46A	Gibson Southern	124.17	29	P	PKPdf	04 08 12.1	+0.1
UALR	University of	124.24	35	ePKPdf	LR	04 08 11.2	-1.1
UALR	University of	124.24	35	ePKPdf	LR	04 08 12.4	+0.1
PARMO	Parma	124.26	32	ePKPdf	LR	04 08 11.4	-0.8
CMLA	Cha da Macela	124.27	330	PFAKE	LR	04 08 20.0	+7.7
USIN	University of	124.30	29	ePKPdf	LR	04 08 11.2	-1.1
USIN	University of	124.30	29	ePKPdf	LR	04 08 12.2	-0.2

X41A	Kaden, Bauxite	124.34	36	P	PKPdf	04 08 12.7	+0.3
ALLY	Alegheny Colie	124.37	21	ePKPdf	LR	04 08 10.4	-2.0
LBNH	Lisbon	124.37	13	P	PKPdf	04 08 12.6	+0.3
LBNH	Lisbon	124.37	13	ePKIKP	MLR	04 08 11.4	-0.9
LBNH	Lisbon	124.37	13	ePKPdf	LR	04 08 11.4	-0.9
U44A	Portageville	124.41	32	P	PKPdf	04 08 12.6	0.0
QV4A	Portageville	124.47	32	PFAKE	LR	04 08 20.0	+7.3
S46A	Don Dixon Farm	124.49	30	P	PKPdf	04 08 12.5	-0.2
V43A	Jonesboro	124.50	33	P	PKPdf	04 08 12.9	+0.2
ACSO	Alum Creek Sta	124.52	24	P	PKPdf	04 08 12.6	-0.1
ACSO	Alum Creek Sta	124.52	24	ePKPdf	LR	04 08 10.0	-2.7
WVL	Waterville	124.53	11	ePKPdf	PP	04 08 11.6	-1.0
T45A	Paducah	124.55	31	P	PKPdf	04 08 12.7	-0.1
WLAR	White Oak Lake	124.56	37	ePKPdf	LR	04 08 12.8	-0.2
R47A	Wooly Knot Far	124.57	28	P	PKPdf	04 08 12.8	-0.1
HBAR	Harrisburg	124.61	34	ePKPdf	LR	04 08 12.3	-0.6
ZAIG	Zacatecas	124.63	54	ePKPdf	PP	04 08 13.7	0.0
GNAR	Gosnell	124.64	33	ePKPdf	LR	04 08 12.4	-0.6
M54A	Oil Creek Stat	124.66	21	P	PKPdf	04 08 12.9	-0.1
M54A	Oil Creek Stat	124.66	21	ePKPdf	LR	04 08 10.8	-2.2
Z40A	Long Farm, Mag	124.69	37	P	PKPdf	04 08 13.6	+0.4
U44B	Burton Farm, H	124.71	32	P	PKPdf	04 08 12.7	-0.5
Y41A	Eaglette Beard	124.72	36	P	PKPdf	04 08 13.5	+0.2
WCI	Wyandotte Cave	124.74	28	P	PKPdf	04 08 12.8	-0.3
WCI	Wyandotte Cave	124.74	28	ePKIKP	MLR	04 08 11.4	-1.8
WCI	Wyandotte Cave	124.74	28	ePKPdf	LR	04 08 11.4	-1.8
ACCN	Adirondack Con	124.76	15	ePKPdf	PP	04 08 13.8	+0.7
ACCN	Adirondack Con	124.76	15	ePKPdf	LR	04 09 59.0	-0.3
EMMW	East Machias	124.78	9	ePKPdf	LR	04 08 13.6	+0.6
ROSA	Rosais	124.78	333	PFAKE	LR	04 08 20.0	+6.8
R48A	Northridge Ran	124.79	28	P	PKPdf	04 08 13.3	0.0
GLAT	Glass	124.80	32	PFAKE	LR	04 08 20.0	+6.7
HNH	Hanover	124.80	14	ePKPdf	PP	04 08 12.8	-0.3
X42A	Stuttgart	124.81	35	P	PKPdf	04 08 12.9	-0.5
V44A	Blytheville	124.81	33	P	PKPdf	04 08 13.2	-0.1
T46A	Princeton	124.91	30	P	PKPdf	04 08 13.4	-0.1
W43A	Forest City	124.93	34	P	PKPdf	04 08 13.0	-0.6
NATX	Nacogdoches	124.95	40	P	PKPdf	04 08 13.2	-0.6
NATX	Nacogdoches	124.95	40	ePKPdf	LR	04 08 13.5	-0.3
UTMT	University of	124.96	32	ePKPdf	PP	04 08 12.8	-0.9
PMSA	Palmer Station	124.99	176	PFAKE	LR	04 08 20.0	+7.3
U45A	Rookin P Farm,	125.01	31	P	PKPdf	04 08 14.6	+0.9
140A	Cam and Jess,	125.02	38	P	PKPdf	04 08 14.4	+0.6
N54A	Moraine State	125.03	21	P	PKPdf	04 08 13.5	-0.2
N54A	Moraine State	125.03	21	ePKPdf	LR	04 08 12.6	-1.0
HALT	Halls	125.04	32	ePKPdf	LR	04 08 12.9	-0.9
Z41A	Richland Creek	125.05	37	P	PKPdf	04 08 15.1	+1.2
FFD	Franklin Falls	125.17	13	ePKPdf	LR	04 08 13.4	-0.4
CCAR	Cane Creek	125.18	36	PFAKE	LR	04 08 30.0	+1.6
BINY	Binghamton	125.23	17	P	PKPdf	04 08 14.3	+0.3
BINY	Binghamton	125.23	17	ePKPdf	PP	04 08 13.0	-1.1
BINY	Binghamton	125.23	17	ePKPdf	LR	04 10 02.8	+0.3
Y42A	Garnett, Star	125.23	36	P	PKPdf	04 08 14.6	+0.4
X43A	Marvell	125.25	35	P	PKPdf	04 08 14.7	+0.5
U46A	Springville	125.30	31	P	PKPdf	04 08 14.7	+0.4
S48A	Wiedeman Farm,	125.31	28	P	PKPdf	04 08 14.5	+0.3
240A	Hunter Patters	125.32	39	P	PKPdf	04 08 14.6	+0.2
MET	Memphis--Engin	125.32	33	PFAKE	LR	04 08 30.0	+1.6
T47A	Sharon Grove	125.34	30	P	PKPdf	04 08 14.6	+0.3
V45A	Humboldt	125.37	32	P	PKPdf	04 08 14.4	0.0
W44A	Shelby Farms P	125.37	33	P	PKPdf	04 08 14.6	+0.1
TRY	Troy	125.38	15	ePKPdf	LR	04 08 14.6	+0.4
141A	Papa Simpson,	125.45	38	P	PKPdf	04 08 15.2	+0.6
KVTX	Kingsville	125.48	46	ePKPdf	PP	04 08 14.0	-0.8
Z42A	Nottingham, H	125.54	36	P	PKPdf	04 08 15.0	+0.2
T48A	Bowling Green	125.59	29	P	PKPdf	04 08 15.0	+0.1
WVT	Waverly	125.65	31	P	PKPdf	04 08 15.0	0.0
WVT	Waverly	125.65	31	ePKIKP	MLR	04 08 13.3	-1.7
WVT	Waverly	125.65	31	ePKPdf	LR	04 08 13.3	-1.7
Y43A	Makayla and Ka	125.67	35	P	PKPdf	04 08	

6d 3h

Y47A	UCPARC, Winfie	127.36	33	P	PKPpdf	04 08 18.2	-0.1
TZTN	Tazewell	127.37	27	P	PKPpdf	04 08 18.6	+0.3
TZTN	Tazewell	127.37	27	PFAKE	LR	04 08 30.0	+1.2
JRQC	Juriquilla Cam	127.38	54	ePKPpdf	LR	04 08 20.3	+1.4
PSUB	Penn St - Bra	127.47	18	ePKPpdf	PKPpdf	04 08 18.8	+0.5
SDMD	Soldier's Deli	127.50	20	ePKPpdf	PKPpdf	04 08 19.2	+0.8
344A	Westbrook Farm	127.56	37	P	PKPpdf	04 08 16.7	-0.9
245A	Little AP, Sta	127.63	36	P	PKPpdf	04 08 19.4	+0.5
146A	Union	127.66	35	P	PKPpdf	04 08 19.4	+0.5
X49A	Woodville	127.68	31	P	PKPpdf	04 08 19.8	+0.9
RPN	Rapa Nui	127.70	117	PFAKE	LR	04 08 30.0	+1.1
Y48A	Jasper	127.72	32	P	PKPpdf	04 08 19.6	+0.7
Z47A	Carrollton	127.78	33	P	PKPpdf	04 08 20.3	+1.2
CPCT	Cooper Cave	127.82	29	ePKPpre	PKPpre	04 08 10.8	
543A	St. Martinville	127.84	39	P	PKPpdf	04 08 19.6	+0.3
Z48A	Northport	127.93	33	P	PKPpdf	04 08 19.7	+0.3
TKL	Tuckaleechee C	128.00	28	PKP	PKPpdf	04 08 18.3	-1.2
TKL	Tuckaleechee C	128.00	28	ePKIKP	MLR	04 08 18.5	-1.0
TKL	Tuckaleechee C	128.00	28	ePKPpdf	LR	04 08 18.4	-1.0
X50A	Fort Payne	128.06	30	P	PKPpdf	04 08 19.8	+0.1
147A	Livingston	128.07	34	P	PKPpdf	04 08 20.0	+0.3
345A	Thompson Farm	128.08	37	P	PKPpdf	04 08 19.9	+0.1
444A	Pine Grove	128.08	38	P	PKPpdf	04 08 20.4	+0.6
246A	Jackson Lee, B	128.08	35	P	PKPpdf	04 08 19.7	0.0
BLA	Blacksburg	128.14	24	P	PKPpdf	04 08 20.1	+0.4
BLA	Blacksburg	128.14	24	ePKIKP	MLR	04 08 20.2	+0.4
BLA	Blacksburg	128.14	24	ePKPpdf	LR	04 08 20.2	+0.4
Y49A	Blount Mountain	128.15	32	P	PKPpdf	04 08 20.5	+0.6
IP04	Greensprings	128.25	21	ePKPpdf	LR	04 08 19.3	-0.6
544A	White Castle	128.26	39	P	PKPpdf	04 08 20.7	+0.6
IP03	Louisa	128.34	21	ePKPpdf	LR	04 08 20.1	0.0
247A	Quitman	128.35	35	P	PKPpdf	04 08 21.1	+0.9
346A	Big Creek Wild	128.35	36	P	PKPpdf	04 08 21.1	+0.9
CVRD	Centerville Ro	128.37	21	ePKPpdf	PKPpdf	04 08 20.9	+0.8
SPRD	Spring Road, M	128.39	21	ePKPpdf	LR	04 08 19.4	-0.7
CBN	Corbin Frederi	128.40	21	P	PKPpdf	04 08 21.1	+1.0
CBN	Corbin Frederi	128.40	21	ePKPpdf	LR	04 08 20.9	+0.8
SPFD	Spotsylvania F	128.41	21	ePKPpdf	PKPpdf	04 08 19.8	-0.4
IP07	Quail	128.43	21	ePKPpdf	LR	04 08 20.3	+0.1
IP06	Yanceyville	128.43	21	ePKPpdf	LR	04 08 20.0	-0.3
IP01	Cuckoo	128.44	21	ePKPpdf	LR	04 08 19.5	-0.7
Y50A	Piedmont	128.47	31	P	PKPpdf	04 08 20.9	+0.5
148A	Greensboro	128.47	33	P	PKPpdf	04 08 21.0	+0.5
LRAL	Lakeview Retre	128.49	33	P	PKPpdf	04 08 20.9	+0.4
LRAL	Lakeview Retre	128.49	33	ePKPpre	PKPpre	04 08 20.8	0.0
LRAL	Lakeview Retre	128.49	33	ePKPpdf	LR	04 08 20.6	+0.1
IP05	Hopewell Churc	128.60	21	ePKPpdf	LR	04 08 19.1	-1.5
IP05	Hopewell Churc	128.60	21	ePKPpdf	LR	04 10 18.4	-6.4
Z49A	Columbiana	128.61	32	P	PKPpdf	04 08 21.8	+1.1
JSRW	J. Sargeant Re	128.68	21	ePKPpdf	PKPpdf	04 08 19.6	-1.0
248A	Dixon Mills	128.80	34	P	PKPpdf	04 08 22.0	+0.9
446A	Poplarville	128.85	37	P	PKPpdf	04 08 22.1	+0.9
347A	Saraland	128.87	35	P	PKPpdf	04 08 22.0	+0.8
Z50A	Ashland	128.88	32	P	PKPpdf	04 08 21.7	+0.5
149A	Jones	128.93	33	P	PKPpdf	04 08 22.5	+1.1
BG3	Lake Jocassee	128.93	28	ePKPpre	PKPpre	04 08 09.6	
BG3	Lake Jocassee	128.93	28	ePKPpdf	LR	04 08 22.2	+0.2
546A	Slidell	129.04	37	P	PKPpdf	04 08 22.8	+1.2
645A	Chauvin	129.06	39	P	PKPpdf	04 08 22.9	+1.2
UNM	Universidad Na	129.11	55	ePKIKP	MLR	04 08 21.6	-0.7
UNM	Universidad Na	129.11	55	ePKPpdf	LR	04 08 21.6	-0.7
348A	Jackson	129.23	35	P	PKPpdf	04 08 22.5	+0.6
249A	Camden	129.23	34	P	PKPpdf	04 08 23.2	+1.3
447A	Lucedale	129.26	36	P	PKPpdf	04 08 22.8	+0.9
150A	Eclectic	129.33	32	P	PKPpdf	04 08 23.3	+1.2
KMSC	Kings Mountain	129.52	26	P	PKPpdf	04 08 22.4	0.0
KMSC	Kings Mountain	129.52	26	ePKPpdf	LR	04 08 22.1	-0.3
448A	Bay Minette	129.61	35	P	PKPpdf	04 08 22.7	+0.1
349A	Repton	129.67	34	P	PKPpdf	04 08 23.9	+1.1
250A	Grady	129.69	33	P	PKPpdf	04 08 24.0	+1.2
151A	Opelika	129.76	32	P	PKPpdf	04 08 23.0	+0.1
HODGE	Hodges	129.87	28	ePKPpre	PKPpre	04 08 14.3	
HODGE	Hodges	129.87	28	ePKPpdf	LR	04 08 24.2	+0.4
BRAL	Brewton	129.89	34	P	PKPpdf	04 08 23.6	+0.5
BRAL	Brewton	129.89	34	ePKPpdf	LR	04 08 23.4	+0.2

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BRAL	comp=Z,23um,20.0s		LR	LR
GOGA	Godfrey	129.98	29	P
GOGA	Godfrey	129.98	29	ePKIKP
GOGA	Godfrey	129.98	29	ePKPpdf
GOGA	Godfrey	129.98	29	ePKPpdf
SHEL	Horse Paste	130.00	258	PFAKE
251A	Midway	130.06	32	P
350A	Dozier	130.09	33	P
449A	Pace	130.10	35	P
JSC	Jenkinsville	130.28	27	ePKIKP
JSC	Jenkinsville	130.28	27	ePKPpdf
450A	Crestview	130.42	34	P
TLIG	Tiapa	130.51	57	ePKPpdf
351A	Pinckard	130.59	33	P
CNNC	Cliffs of the	130.85	23	P
CNNC	Cliffs of the	130.85	23	ePKPpdf
CNNC	Cliffs of the	130.85	23	ePKPpdf
LVIG	Laguna Verde	131.10	53	PFAKE
TIGA	Tifton	131.51	31	P
TIGA	Tifton	131.51	31	ePKPpdf
NHSC	New Hope	131.75	27	P
NHSC	New Hope	131.75	27	PFAKE
HOPE	Hope Point	132.88	196	PFAKE
BBTS	Babate	133.22	301	PKP
CMIG	Mattias Romero	133.75	55	PKP
DWPF	Disney Wildern	135.30	32	P
DWPF	Disney Wildern	135.30	32	ePKPpdf
MYIG	MORida	135.38	46	PFAKE
SCIG	Sabancuy	135.56	50	PFAKE
CCIG	Comitan	136.39	54	ePKPpdf
TEIG	Tepich	136.90	46	PFAKE
BBSR	BB Station	137.27	10	PFAKE
ASCN	Ascension	138.06	269	PFAKE
EFI	East Falkland	138.35	179	PFAKE
SACV	Santiago Islan	138.86	307	PFAKE
CHRN	Cochrane	140.45	163	ePKPpdf
TGUH	Tegucigalpa,Un	141.50	52	ePKPpdf
MBJ	Montego Bay	145.00	37	P
GTBY	Guantanamo Bay	145.28	31	ePKPbc
MTDJ	Mount Denham	145.36	6	ePKPbc
BBJ	Puerto Ayora	145.47	37	P
PAYG	Bambo Ayora	145.44	77	ePKPbc
PAYG	Bambo Ayora	145.44	77	ePKPbc
MCJ	Malvern	145.48	37	P
JTS	JuntasAbangare	145.53	55	PKPbc
GRTK	Grand Turk	145.73	24	ePKPpdf
STH	Stony Hill	145.87	35	P
HWJ	Greenwich	145.92	35	P
GHOJ	Hope	145.96	35	P
VHJ	Yallahs	146.20	35	P
HDC	Heredia	146.37	55	ePKPpdf
PLCA	Paso Flores	146.98	161	ePKPbc
PLCA	Paso Flores	146.98	161	ePKPbc
PLCA	Paso Flores	146.98	161	ePKPbc
PLCA	Paso Flores	146.98	161	ePKPbc
LGNN	L'OGne	147.72	29	ePKPbc
SDR	Presa de Saban	147.92	27	ePKPbc
TMU	Temuco	148.00	156	eP
CCHI	Chillan	150.04	155	eP
AGP	AguaDilla	150.05	20	PFAKE
COCH	Cobquecura	150.13	153	eP
BCIP	Isla Barro Col	150.23	51	ePKPpdf
BCIP	Isla Barro Col	150.23	51	ePKPpdf
BCIP	Isla Barro Col	150.23	51	ePKPpdf
BCIP	Isla Barro Col	150.23	51	ePKPpdf
BCYP	Canovanas	150.59	18	ePKPpdf
BCYP	Canovanas	150.59	18	ePKPpdf
SJG	San Juan	150.65	18	PKPbc
SJG	San Juan	150.65	18	PKPbc
SJG	San Juan	150.65	18	PKPbc
SJG	San Juan	150.65	18	PKPbc
HUMP	Col San Antoni	150.72	18	ePKPpdf
HUMP	Col San Antoni	150.72	18	ePKPpdf
STVI	Saint Thomas	150.77	16	ePKPpdf
STVI	Saint Thomas	150.77	16	ePKPpdf
MTP	Morita Pirata	150.85	17	ePKPpdf

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MTM	comp=Z,22um,22.0s		ePKPbc	LR	PKIKP	04 09 07.7	+0.6
G005	HualaeO	151.45	153	ePKPpdf	PKPpdf	04 09 02.0	+0.6
G005	HualaeO	151.45	153	ePKPpdf	PKPpdf	04 09 09.0	+0.4
G005	HualaeO	151.45	153	ePKPpdf	PKPpdf	04 09 15.9	+0.2
SMRT	St. Maarten	151.52	13	ePKPpdf	PKPpdf	04 09 00.7	-0.7
SMRT	St. Maarten	151.52	13	ePKPpdf	PKPpdf	04 09 03.1	+1.2
SMRT	St. Maarten	151.52	13	ePKPpdf	PKPpdf	04 09 09.4	-0.5
SMRT	Torquay	151.52	13	ePKPpdf	PKPpdf	04 09 05.2	-2.9
TRQA	Torquay	151.60	171	ePKPpdf	PKPpdf	04 09 02.0	+0.5
TRQA	Torquay	151.60	171	ePKPpdf	PKPpdf	04 09 09.0	-0.6
MAPC	Malpelo	151.67	62	eP	PKPpdf	04 09 02.1	-0.1
SEUS	St. Eustatius	152.08	13	ePKPbc	PKPbc	04 09 11.8	+2.4
ANWB	Willy Bob	152.15	10	ePKPbc	PKPbc	04 09 10.6	+1.2
ANWB	Willy Bob	152.15	10	ePKPbc	PKPbc	04 09 07.3	-2.2
CAPC	Capurgana	152.45	49	eP	PKPpdf	04 09 02.0	-1.4
LMEL	Las Melosas	153.18	155	P	PKPpdf	04 09 02.0	-2.1
GDHS	Morne Mazeau	153.51	11	ePKPpdf	PKPpdf	04 09 06.8	+1.9
GDHS	Morne Mazeau	153.51	11	ePKPpdf	PKPpdf	04 09 14.1	+1.1
ROCI	Ei Roble	153.57	152	ePKPpdf	PKPpdf	04 09 03.9	-0.9
ROCI	Ei Roble	153.57	152	ePKPpdf	PKPpdf	04 09 13.8	+0.9
ROCI	Ei Roble	153.57	152	ePK			

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MLR Muntele Rosu, BURAR Bucovina Array, and various other frequencies.

Table with columns: TX/RX, Station Name, Frequency, Power, and other technical details. Includes stations like TXAR Lajitas Array, SADO Sadova, and various other frequencies.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like ASAR Alice Springs, SKR Kuldur, and various other frequencies.

Table with columns: LRP, LPU, GUIM, DCPH, JAP, MSLP, RCP, PAGZ, ENPP, CMAR, ASAR, SONM, MKAR, ZALV. Includes station names, coordinates, and various codes.

MAN 06 04:46:14, 9.93N; 123.26E, h33km, mb3.6, ML2.3, MS1.7, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Sibulan, Tagbilaran, Lapu-Lapu, Maasin, Pagadian.

IDC 06 04:48:01.1, 1.7, 9.91N; 123.49E, h0km, mb3.7/4, mb1.3/0.4, mb1mx3.4/56, mbtmp3.7/4, Error ellipse: s-maj=70.8km s-min=25.4km az=60.0

MAN 06 04:48:02.9, 7.77N; 122.98E, h32km, mb4.2, ML3.0, MS2.7
ISCBJ 06 04:48:03.0, 0.7, 9.88N; 0.05, 123.07E; 0.05, h2km, mb3.7/4, Error ellipse: s-maj=9.1km s-min=6.0km az=43.0

ISCB 06 04:48:01.4, 1.3, 9.94N; 0.04, 123.25E; 0.04, h2km, 10km, n12, c1556/16, mb3.6/4, 1D, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Sibulan, Tagbilaran, Lapu-Lapu, Jordan, Maasin, Roxas, Ormoc, Pagadian, Chiang Mai Arr, Alice Springs, Sonm, MKAR.

MEX 06 04:49:33.0, 3.0, 26.34N; 111.70W, h13km, mb4.1, ML3.8, Gulf of California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Santa Rosalia, Guaymas, Sierra La Lagu.

MAN 06 04:51:16, 9.99N; 123.17E, h30km, mb3.5, ML2.1, MS1.5, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Sibulan, Tagbilaran, Jordan, Lapu-Lapu, GUIM, LRP, MSLP.

IDC 06 04:51:24.6, 1.2, 17.59S; 167.28E, h0km, mb4.0/7, mb1.4/2.8, mb1mx3.9/43, mbtmp4.0/8, ML3.9/1, Error ellipse: s-maj=41.6km s-min=22.0km az=136.0

ISCBJ 06 04:51:26.2, 0.9, 17.75S; 0.07, 167.2E; 0.2, h19km, mb4.0/6, Error ellipse: s-maj=23.3km s-min=10.5km az=6.4

ISCB 06 04:51:27.5, 1.0, 17.71S; 0.10, 167.3E; 0.2, h19km, n9, c121/10, mb4.0/6, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like DZM, CTA, STKA, ASAR, CMAR, SONM, NVAR, ILAR, YKA.

IDC 06 04:53:33.9, 0.9, 10.17N; 123.34E, h0km, mb3.8/10, mb1.3/9/10, mb1mx3.5/58, mbtmp3.8/10, Error ellipse: s-maj=33.3km s-min=19.2km az=64.0

ISCBJ 06 04:53:34.2, 0.5, 10.05N; 0.06, 123.10E; 0.04, h7km, mb3.7/10, Error ellipse: s-maj=9.2km s-min=4.4km az=25.4

MAN 06 04:53:35, 10.13N; 123.17E, h33km, mb4.6, ML3.4, MS3.3
ISCB 06 04:53:35.3, 0.6, 10.20N; 0.05, 123.20E; 0.04, h7km, n20, c197/26, mb3.7/10, 2D, Cebu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like GUIM, LRP, Tagbilaran, Sibulan, JAP, Roxas, MSLP.

Table with columns: ENPP, CMAR, KSRS, ASAR, CTA, SONM, MKAR, MKAR, PETK, KURBS, ILAR, YKA, TXAR. Includes station names, coordinates, and various codes.

MAN 06 04:57:17, 9.87N; 123.20E, h31km, mb3.9, ML2.7, MS2.3, 2D, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Sibulan, Tagbilaran, Lapu-Lapu, Jordan, JAP, MSLP, RCP, OCLP, PAGZ, OTRP, ENPP.

MAN 06 05:01:14, 9.26N; 123.22E, h32km, mb4.4, ML3.2, MS3.0, 1C-1D, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Sibulan, Tagbilaran, Lapu-Lapu, Jordan, GUIM, DCPH, MSLP, RCP.

MAN 06 05:04:35, 10.01N; 123.19E, h30km, mb4.4, ML3.2, MS3.0, Cebu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Tagbilaran, Lapu-Lapu, Jordan, GUIM, MSLP.

MAN 06 05:07:03, 10.10N; 123.15E, h31km, mb3.8, ML2.6, MS2.1, 2C, Cebu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Sibulan, Jordan, GUIM, LRP, MSLP, RCP, MSLP.

MAN 06 05:08:29, 9.91N; 123.15E, h1km, mb3.5, ML2.1, MS1.5
ISCBJ 06 05:08:38, 1.0, 7.984N; 0.04, 123.20E; 0.04, h7km, mb3.5/4, Error ellipse: s-maj=6.8km s-min=5.5km az=39.8

IDC 06 05:08:40.8, 1.8, 9.46N; 122.88E, h0km, mb3.6/4, mb1.3/8/4, mb1mx3.4/54, mbtmp3.6/4, Error ellipse: s-maj=75.4km s-min=29.3km az=62.0

ISCB 06 05:08:40.1, 0.8, 9.85N; 0.05, 123.18E; 0.04, h7km, n12, c267/13, mb3.5/4, 1C-1D, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Sibulan, Tagbilaran, Lapu-Lapu, Jordan, GUIM, MSLP, RCP, CMAR, ASAR, SONM, MKAR.

MAN 06 05:09:55, 9.79N; 123.25E, h31km, mb4.4, ML3.3, MS3.1, 1D, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Sibulan, Tagbilaran, Lapu-Lapu, Jordan, GUIM, MSLP, RCP, JAP.

MAN 06 05:12:32, 9.99N; 123.23E, h1km, mb4.3, ML3.2, MS2.9, 2C-1D, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Sibulan, Tagbilaran, Lapu-Lapu, Jordan, GUIM, DCPH, JAP.

Table with columns: MSLP, RCP, OCLP, PAGZ. Includes station names, coordinates, and various codes.

MAN 06 05:21:04, 9.90N; 123.31E, h22km, mb3.8, ML2.6, MS2.1, 1C, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Sibulan, Tagbilaran, Lapu-Lapu, Jordan, GUIM, MSLP, RCP, PAGZ, ENPP.

IDC 06 05:22:19.3, 1.6, 10.27N; 124.20E, h0km, mb3.6/5, mb1.3/8/5, mb1mx3.4/63, mbtmp3.6/5, Error ellipse: s-maj=70.5km s-min=28.3km az=65.0

MAN 06 05:22:21, 9.96N; 123.18E, h1km, mb4.5, ML3.3, MS3.1
ISCBJ 06 05:22:21.0, 0.8, 9.97N; 0.03, 123.13E; 0.03, h7km, 6km, mb3.5/5, Error ellipse: s-maj=6.0km s-min=4.1km az=141.8

ISCB 06 05:22:22.2, 1.2, 9.98N; 0.03, 123.17E; 0.04, h9km, 9km, n18, c1569/29, mb3.6/5, 2C-2D, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Sibulan, Tagbilaran, Lapu-Lapu, Jordan, JAP, MSLP, OCLP, PAGZ, OTRP, BUKP, BUSP, ENPP, CMAR, ASAR, SONM, MKAR, ZALV.

ISCBJ 06 05:23:19.0, 0.9, 4.330N; 0.06, 131.79E; 0.07, h12km, 11km, Error ellipse: s-maj=10.0km s-min=8.0km az=37.8

CSEM 06 05:23:19.0, 0.3, 4.330N; 13.84E, h2km, M2.8/8, Error ellipse: s-maj=7.8km s-min=4.0km az=110.0

ROM 06 05:23:19.1, 0.6, 4.329N; 13.83E, h9km, M2.5/7, M2.3/6, Error ellipse: s-maj=6.6km s-min=5.1km az=71.0

ISCB 06 05:23:18.9, 1.5, 4.327N; 0.03, 13.84E; 0.04, h7km, 13km, n36, c9858/54, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like TRTR, NRCA, NRCA, CESI, CESI, SMA1, SMA1, FRON, FRON, FSSB, FSSB, LNSS, LNSS, T014, T014, FAGN, FAGN, UDBI, UDBI, OBKA, OBKA, MYKA, MYKA, MYKA, ABTA, ABTA, KBA, KBA, KBA, FETA, FETA, WATA.

Table with columns: WATA, Moosal, MOTA, MOA, MOA, MOA, MOA, KHC. Includes station names, coordinates, and times.

IDC 06 05:25:13.1±1.1, 10.07N:123.75E, h0km, mb3.7/7, mb1 3.8/7, mb1mx3.5/65, mbtmp3.6/7, Error ellipse: s-maj=49.6km s-min=24.0km az=60.0

Main table for IDC 06 05:25:13.1±1.1, 10.07N:123.75E, h0km, mb3.7/7. Columns: Code, Station Name, Az, Phase ID, Time, Res.

IDC 06 05:28:43.1±6.1, 50.14N:130.01E, h0km, Error ellipse: s-maj=101.6km s-min=39.5km az=36.0, Southeastern Siberia

Table for IDC 06 05:28:43.1±6.1, 50.14N:130.01E, h0km, Southeastern Siberia. Columns: Code, Station Name, Az, Phase ID, Time, Res.

MAN 06 05:29:32, 10.00N:123.16E, h28km, mb3.9, ML2.6, MS2.2, ID, Cebu

Table for MAN 06 05:29:32, 10.00N:123.16E, h28km, mb3.9, ML2.6, MS2.2, ID, Cebu. Columns: Code, Station Name, Az, Phase ID, Time, Res.

ISC/JB 06 05:31:30.2±1.0, 36.45N:0.04:141.03E:0.07, h34km, 9km, mb3.7/8, Error ellipse: s-maj=10.3km s-min=6.4km

JMA 06 05:31:30.2±0.1, 36.43N:141.00E, h40km±1km, M4.0, JMA Feit JJ.1

IDC 06 05:31:35.7±2.6, 36.15N:140.68E, h77km±25km, mb3.5/8, mb1 3.6/10, mb1mx3.3/69, mbtmp3.8/10, Error ellipse: s-maj=27.7km s-min=19.3km az=55.0

ISC 06 05:31:30.6±1.5, 36.46N:0.05:141.04E:0.07, h25km±10km, n23, c1563/25, mb3.8/8, Near east coast of Eastern Honshu

Table for ISC 06 05:31:30.6±1.5, 36.46N:0.05:141.04E:0.07, h25km±10km, Near east coast of Eastern Honshu. Columns: Code, Station Name, Az, Phase ID, Time, Res.

KRSR Korea Array 10.54 279 P Pn 05 34 03.9 +3.8

Table for KRSR Korea Array 10.54 279 P Pn 05 34 03.9 +3.8. Columns: Code, Station Name, Az, Phase ID, Time, Res.

NVAR Mina Array Be 75.58 53 P P 05 43 14.8 +1.2

ISC/JB 06 05:31:48.0±1.4, 10.10N:0.04:123.28E:0.04, h8km±10km, mb3.7/5, Error ellipse: s-maj=7.2km s-min=6.5km

MAN 06 05:31:47.10±1.4N:123.28E, h1km, mb4.1, ML2.9, MS2.5

IDC 06 05:31:47.2±1.5, 10.06N:123.42E, h0km, mb3.7/5, mb1 3.8/5, mb1mx3.4/66, mbtmp3.7/5, Error ellipse: s-maj=67.8km s-min=24.8km az=66.0

Table for IDC 06 05:31:47.2±1.5, 10.06N:123.42E, h0km, mb3.7/5. Columns: Code, Station Name, Az, Phase ID, Time, Res.

MAN 06 05:33:09, 9.98N:123.27E, h30km, mb3.5, ML2.2, MS1.6, Negros

Table for MAN 06 05:33:09, 9.98N:123.27E, h30km, mb3.5, ML2.2, MS1.6, Negros. Columns: Code, Station Name, Az, Phase ID, Time, Res.

IDC 06 05:35:15.4±2.9, 54.40N:86.98E, h0km, mb1 2.9/2, mb1mx2.7/72, mbtmp2.9/2, ML2.5/2, Error ellipse: s-maj=25.6km s-min=16.6km az=59.0, Southeastern Siberia

Table for IDC 06 05:35:15.4±2.9, 54.40N:86.98E, h0km, mb1 2.9/2, Southeastern Siberia. Columns: Code, Station Name, Az, Phase ID, Time, Res.

IDC 06 05:36:04.2±1.3, 10.01N:123.57E, h0km, mb3.9/9, mb1 4.0/9, mb1mx3.7/63, mbtmp3.9/9, Error ellipse: s-maj=62.0km s-min=23.7km az=65.0

MAN 06 05:36:06, 9.92N:123.26E, h26km, mb4.6, ML3.4, MS3.3

ISC 06 05:36:05.7±1.2, 9.93N:103.123.30E:0.04, h8km±9km, n25, c2814/27, mb3.9/10, CP-1D, Negros

Main table for IDC 06 05:36:04.2±1.3, 10.01N:123.57E, h0km, mb3.9/9. Columns: Code, Station Name, Az, Phase ID, Time, Res.

MAN 06 05:39:04, 10.06N:123.26E, h29km, mb3.8, ML2.6, MS2.1, IC-1D, Cebu

Table for MAN 06 05:39:04, 10.06N:123.26E, h29km, mb3.8, ML2.6, MS2.1, IC-1D, Cebu. Columns: Code, Station Name, Az, Phase ID, Time, Res.

Table for SNPH Sibulan 0.81 184, GUM Jordan 0.84 304, RCP Roxas 1.50 339, MS/LP Maasin 1.54 91, DCPH Dipolog City 1.56 178, OCLP Ormoc 1.57 55, PAGZ Pagadian 2.29 178.

ISC/JB 06 05:46:21.1±0.4, 43.14N:0.02:17.94E:0.03, h4km, 3km, Error ellipse: s-maj=3.4km s-min=2.7km az=138.3

PDG 06 05:46:21.0±0.3, 43.05N:17.81E, h13km, ML2.5/10, Error ellipse: s-maj=0.7km s-min=1.3km az=0.0

CSEM 06 05:46:22.4±0.2, 43.05N:17.97E, h10km, ML2.8/4, Error ellipse: s-maj=3.9km s-min=2.7km az=48.0

BE0 06 05:46:22.6±0.4, 43.13N:0.02:17.93E:0.02, h8km±9km, n82, c1907/153, 22C-6D, Northwestern Balkan Peninsula

Main table for BE0 06 05:46:22.6±0.4, 43.13N:0.02:17.93E:0.02, Northwestern Balkan Peninsula. Columns: Code, Station Name, Az, Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Cerro Valdivia, Salagasta, Mognna, Cerro Arco, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Cerro Calan, Penalolen, Antumapu, Las Melosas, etc.

ISK 06 06:27:05.2, 38.689N, 43.34E, h13km, ML2.1/2
CSEM 06 06:27:05.6, 4.38, 689N, 43.43E, h22km, 4km, ML2.1,
Error ellipse: s-maj=11.7km s-min=5.1km az=124.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Van, Muradiye, Gevas, Caldiran, Tutak, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Sibulan, Tagbilaran, Lapu-Lapu, Jordan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Sibulan, Tagbilaran, Lapu-Lapu, Jordan, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZALV, Kurbb, Kurbb, Makanchi Array, etc.

IDC 06 06:40:27.0, 1.2, 10.06N, 123.61E, h0km, mb3.8/7,
mb1 3.9/7, mb1mx3.5/5.2, mbtmp3.8/7, Error ellipse:
s-maj=06.2km s-min=19.2km az=68.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Sibulan, Tagbilaran, Lapu-Lapu, Jordan, etc.

MAN 06 06:43:52, 9.92N, 123.17E, h2km, mb3.8, ML2.5, MS2.0,
1C-1D, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Sibulan, Tagbilaran, Lapu-Lapu, Jordan, etc.

MAN 06 06:45:45, 9.95N, 123.21E, h2km, mb4.4, ML3.3, MS3.1,
1C, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Sibulan, Tagbilaran, Lapu-Lapu, Jordan, etc.

MAN 06 06:49:58, 9.80N, 123.07E, h27km, mb3.8, ML2.6, MS2.1,
1D, Negros

MAN 06 06:52:08, 9.94N, 123.20E, h31km, mb4.1, ML2.9, MS2.5,
2C, Negros

MAN 06 06:54:18, 9.97N, 123.04E, h35km, mb3.9, ML2.6, MS2.1,
Negros

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

IDC 06 07:00:54.6, 6.8, 51.00N, 133.25E, h0km, mb1 1.0/1,
mb1mx1.0/6.2, mbtmp1.0/1.0, ML0.9, Error ellipse:
s-maj=128.8km s-min=41.0km az=121.0, Southeastern

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KLR, H45RU, H44RU, I30JP, etc.

MEX 06 07:03:58.2, 0.6, 16.06N, 98.60W, h5km, MD3.9, Near
coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PNIG, TLIG, CAIG, VHO, HUIG, etc.

MAN 06 07:04:00, 10.06N, 123.28E, h7km, mb5.1, ML4.0, MS4.1
ISCJB 06 07:04:01, 6.0, 5.1, 10.09N, 103.123, 32E, 0.03, h26km, 4km,
mb4.0/27, Error ellipse: s-maj=5.5km s-min=4.5km

IDC 06 07:04:09.6, 2.3, 10.05N, 123.38E, h8km, 24km, mb3.7/20,
mb1 3.8/21, mb1mx3.7/6.1, mbtmp4.1/21, Error ellipse:
s-maj=20.1km s-min=14.4km az=70.0

ISC 06 07:04:00.2, 1.2, 9.96N, 103.03, 123.32E, 0.03, h12km, 8km,
n48, r128/61, mb4.1/27, 2C-3D, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Tagbilaran, Sibulan, Lapu-Lapu, Jordan, etc.

MAN 06 06:49:08, 9.89N, 123.25E, h34km, mb3.5, ML2.2, MS1.6,
1C-1D, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Sibulan, Tagbilaran, Lapu-Lapu, Jordan, etc.

MAN 06 07:04:50, 10.22N, 123.32E, h31km, mb4.0, ML2.8, MS2.4,
1C, Cebu

MAN 06 07:12:37, 9.85N, 123.22E, h29km, mb4.1, ML2.8, MS2.5,
Negros

ms1mx2.9/46, Error ellipse: s-maj=32.7km

s-min=27.6km az=109.0, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, ASAR Alice Springs, MKRAC Makanchi Array, etc.

CSEM 06:08:19:53.0, 35.68N:33.49E, h23km, ML2.8

ISK 06:08:19:52.9, 35.68N:33.49E, h23km, ML2.8/2, Cyprus region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LFK Lefkose, TEKE Tekeli-Mersin, AKIN Ak-nc-lar-K, etc.

MAN 06:08:26:30, 9.31N:123.12E, h33km, mb3.8, ML2.5, MS2.0, 1D, Negros

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SNPH Sibulan, TBP Tagbilaran, etc.

MAN 06:08:27:55, 9.85N:123.20E, h33km, mb4.0, ML2.8, MS2.4, 1D, Negros

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SNPH Sibulan, TBP Tagbilaran, etc.

MAN 06:08:31:19, 9.99N:123.18E, h2km, mb4.0, ML2.8, MS2.4, 2C, Negros

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SNPH Sibulan, TBP Tagbilaran, RCP Roxas, etc.

MAN 06:08:37:09, 9.87N:123.19E, h5km, mb5.3, ML4.3, MS4.5

ISCJB 06:08:37:10.5, 1.7, 9.79N:0.04:123.20E:0.04, h13km, 12km, mb3.9/11, Error ellipse: s-maj=7.0km s-min=4.9km az=43.0

ISC 06:08:37:28.7, 2.3, 9.70N:123.72E, h17km, 25km, mb3.3/10, mb1.3/4/11, mb1mx3.2/59, mbtmp3.8/11, MS3.6/1, Ms1.3/6/1, ms1mx2.8/27, Error ellipse: s-maj=24.0km s-min=12.0km az=77.0

ISC 06:08:37:10.8, 1.5, 9.81N:0.03:123.26E:0.04, h8km, 10km, n30, 0.1953/34, mb3.7/11, 3C-2D, Negros

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SNPH Sibulan, TBP Tagbilaran, LLLP Lapu-Lapu, GUIM Jordan, DCPH Dipolog City, etc.

ISCJB 06:08:37:45.0, 5.9, 9.73N:0.09:123.3E:0.1, h150km, mb3.7/19, Error ellipse: s-maj=19.2km s-min=9.8km az=154.9

ISC 06:08:37:47.5, 2.6, 9.71N:123.29E, h150km, 26km, mb3.6/19, mb1.3/7/20, mb1mx3.6/20, mbtmp4.0/20, Error ellipse: s-maj=19.7km s-min=12.3km az=71.0

ISC 06:08:37:47.4, 0.6, 9.7N:0.1:123.3E:0.2, h150km, n20, 0.651/20, mb3.8/19, Negros

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DAV Davao City (W), CMR Chiang Mai Arr, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SONM Songino Array, STKA Stephens Creek, MKRAC Makanchi Array, etc.

NEIC 06:08:38:12.6, 0.3, 9.76N:123.37E, h10km, mb4.7/8, Error ellipse: s-maj=12.3km s-min=7.0km az=77.0

MAN 06:08:38:13, 9.75N:123.28E, h32km, mb3.4, ML2.1, MS1.5

ISCJB 06:08:38:14, 4.0, 9.75N:0.05:123.31E:0.05, h33km, mb4.2/27, MS3.5/6, Error ellipse: s-maj=6.8km s-min=6.5km az=140.2

ISC 06:08:38:25.0, 2.5, 9.77N:123.36E, h117km, 24km, mb3.8/19, mb1.3/9/20, mb1mx3.7/59, mbtmp4.2/20, MS3.5/6, Ms1.3/5/6, ms1mx3.2/48, Error ellipse: s-maj=21.0km s-min=11.0km az=77.0

ISC 06:08:38:16.0, 0.5, 9.75N:0.06:123.35E:0.07, h35km, n40, 0.097/39, mb4.3/27, MS3.6/6, 1D, Negros

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SNPH Sibulan, TBP Tagbilaran, LLLP Lapu-Lapu, DAV Davao City (W), etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, MKRAC Makanchi Array, ZALV Zalesovo Beam, etc.

MAN 06:08:39:12, 9.75N:123.34E, h28km, mb4.5, ML3.3, MS3.1

ISCJB 06:08:39:13, 9.0, 6, 9.80N:0.06:123.30E:0.05, h17km, mb3.9/9, Error ellipse: s-maj=8.7km s-min=6.8km az=178.2

ISC 06:08:39:24.5, 1.0, 9.71N:123.46E, h101km, 105km, mb3.6/9, mb1.3/7.9, mb1mx3.4/59, mbtmp3.9/9, Error ellipse: s-maj=66.9km s-min=25.4km az=65.0

ISC 06:08:39:14.6, 0.7, 9.79N:0.06:123.42E:0.07, h17km, n13, 0.1843/15, mb4.0/9, 1C, Negros

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TBP Tagbilaran, SNPH Sibulan, LLLP Lapu-Lapu, RCP Roxas, etc.

Table with columns: BRTR Keskin Array B, FINES Finess Array B, AKASA Malin Array Be. Includes Az, AzZ, Phase ID, Time, Res, ISC.

MAN 06:08:43:55, 9.72N:123.32E, h28km, mb3.9, ML2.7, MS2.3, 2C, Negros

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SNPH Sibulan, TBP Tagbilaran, DCPH Dipolog City.

MAN 06:08:44:00, 10.02N:123.18E, h34km, mb3.7, ML2.4, MS1.9, 1C, Cebu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SNPH Sibulan, LLLP Lapu-Lapu, RCP Roxas.

MAN 06:08:45:45, 10.25N:123.46E, h29km, mb3.8, ML2.6, MS2.1, 2C, Cebu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LLLP Lapu-Lapu, TBP Tagbilaran, SNPH Sibulan, RCP Roxas.

DJA 06:08:46:33.5, 0.1, 1.5, 4:12.9E, h10km, M3.5/3, ML3.5/3, Halmahera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LBMI Labuha, MSAI Masohi, NLAI Namlea.

ISC 06:08:46:54.5, 1.4, 9.79N:123.58E, h0km, mb3.6/6, mb3.3/7.6, mb1mx3.4/62, mbtmp3.6/6, Error ellipse: s-maj=64.4km s-min=23.8km az=66.0

MAN 06:08:46:55, 9.88N:123.27E, h13km, mb4.9, ML3.8, MS3.7

ISCJB 06:08:46:56.0, 1.3, 9.80N:0.03:123.23E:0.04, h13km, 9km, mb3.6/6, Error ellipse: s-maj=6.9km s-min=5.1km az=140.4

ISC 06:08:46:55.5, 1.3, 9.85N:0.03:123.29E:0.04, h7km, 10km, n19, 0.1979/26, mb3.4/6, 1C-3D, Negros

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SNPH Sibulan, TBP Tagbilaran, LLLP Lapu-Lapu, GUIM Jordan, DCPH Dipolog City, etc.

ISCJB 06:08:47:01.7, 0.5, 21.48S:0.03:68.40W:0.05, h139km, 5km, mb3.6/3, Error ellipse: s-maj=8.0km s-min=5.2km az=12.5

GUC 06:08:47:02.1, 0.6, 21.48S:68.61W, h148km, 4km, ML3.8

ISC 06:08:47:03.2, 2.7, 21.44S:67.88W, h129km, 23km, mb3.5/3, mb1.3/5/6, mb1mx3.3/58, mbtmp3.9/6, Error ellipse: s-maj=28.7km s-min=21.7km az=93.0

SCB 06:08:47:03.0, 0.2, 21.15S:67.98W, h120km, M3.5/1, Error ellipse: s-maj=5.2km s-min=2.0km az=43.0

ISC 06:08:47:01.9, 0.8, 21.146S:0.04:68.31W:0.05, h133km, 8km, n25, 0.180/41, mb3.6/3, 7C-4D, Chile-Bolivia border

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PB09 IPOC Station P, PB01 IPOC Station P, etc.

6d 9h

Table with columns: LPAZ, LPAZ, LPAZ, BBOB, SIV, SIV, SIV, PLCA, PTGA, TORO, YKA, MKAR. Includes station names, frequencies, and coordinates.

IDC 06 08:47:24.2, 8.8, 0.51N, 97.63E, h0km, mb3.7/5, mb1 3.9/6, mb1 mx3.4/67, mbtmp3.8/6, ML4.6/1, Error ellipse: s-maj=186.0km s-min=102.9km az=138.0, DJA 06 08:47:30.1, 1.4, 1.1N, 6.97E, h15km, 5km, M3.4/5, ML3.4/5

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists stations like GSI, MNSI, TPTI, KCSI, CMAR, H0S2, H0S3, H0S1, H0W3, H0W2, H0W1, SONM, MKAR, KURBB, ZALV, BVAR.

MAN 06 08:50:56, 9.90N, 123.20E, h28km, mb3.9, ML2.6, MS2.2, 2C-2D, Negros

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists stations like SNPH, SNPH, TBP, LLP, GUIM, GUIM, OCLP, OCLP, PAGZ, BUKP, CNP, ENPP.

MAN 06 08:51:51, 9.98N, 123.25E, h54km, mb4.0, ML2.7, MS2.3, Negros

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists stations like SNPH, TBP, LLP, LLP.

MAN 06 08:55:23, 9.57N, 123.41E, h32km, mb4.0, ML2.7, MS2.3, Negros

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists stations like SNPH, TBP, LLP, LLP.

IDC 06 08:59:53.6, 5.7, 35.70N, 140.34E, h103km, 27km, mb3.1/3, mb1 3.0/5, mb1 mx2.9/62, mbtmp3.5/9, Error ellipse: s-maj=116.0km s-min=26.1km az=59.0, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists stations like MJAR, MJAR, MAT, MAT, JHU, JHU, USRK, SONM, H1N2, H1N1, H1N3, H1S1, H1S3, H1S2, MKAR, KURBB, JOW, BATI, SKNT, KHON, NONG, GUMO, CHAI, HAY, NAKAY.

MAN 06 09:03:17, 10.03N, 123.33E, h32km, mb3.8, ML2.6, MS2.1, Cebu

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists stations like TBP, TBP, SNPH, LLP.

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Table with columns: LLP, Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists stations like SNPH, TBP, TBP, LLP, LLP.

IDC 06 09:09:47.5, 1.6, 8.18N, 124.75E, h0km, mb3.6/5, mb1 3.7/5, mb1 mx3.5/53, mbtmp3.6/5, Error ellipse: s-maj=78.0km s-min=25.5km az=65.0, ISCB 06 09:10:07.4, 0.7, 9.97N, 0.06, 123.33E, 0.06, h33km, mb3.5/4, Error ellipse: s-maj=8.4km s-min=7.7km az=36.1, ISC 06 09:10:08.6, 1.0, 9.93N, 0.07, 123.38E, 0.08, h35km, n8, 1546/10, mb3.5/5, Negros

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists stations like TBP, TBP, SNPH, SNPH, LLP, LLP, CMAR, ASAR, SONM, KURBB.

IDC 06 09:13:04.5, 2.3, 21.14S, 70.28W, h0km, mb4.2/1, mb1 3.9/4, mb1 mx3.6/42, mbtmp3.8/4, ML3.5/3, MS2.9/1, Ms1 3.0/1, ms1 mx2.6/38, Error ellipse: s-maj=80.0km s-min=31.7km az=111.0, GUC 06 09:13:08.0, 8.0, 2.63S, 70.56W, h27km, 3km, ML3.8, ISC 06 09:13:03.3, 1.8, 20.80S, 70.03, 70.99W, 0.09, h51km, 10km, n20, 1569/23, 4C-4D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists stations like PB02, PB02, PB02, PSGC, PSGC, PSGC, PB01, PB01, PB01, PB07, PB07, PB07, PB08, PB08, MIMC, MIMC, PB04, PB09, PB09, PB06, PB06, LPAZ, LPAZ, LPAZ, SIV, PLCA, TORO, H1S2, H1S1, H1S3, H1N3, H1N2, H1N1, MKAR.

MAN 06 09:18:44, 9.88N, 123.21E, h1km, mb4.4, ML3.3, MS3.0, IDC 06 09:18:58.3, 3.2, 9.58N, 123.05E, h119km, 35km, mb3.5/8, mb1 3.6/9, mb1 mx3.4/63, mbtmp3.9/9, MS3.5/13, Ms1 3.5/13, ms1 mx3.2/40, Error ellipse: s-maj=32.5km s-min=20.9km az=76.0, ISC 06 09:18:44.9, 1.9, 7.99N, 0.03, 123.31E, 0.03, h2km, 9km, n45, 228/37, mb4.1/15, MS3.4/10, 2C-3D, Negros

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists stations like SNPH, SNPH, TBP, TBP, LLP, LLP, GUIM, GUIM, DCPH, DCPH, MSLP, MSLP, JAP, JAP, OCLP, OCLP, RCP, RCP, PAGZ, PAGZ, PLP, PLP, PLP, BUTAN, BUTAN, BUKP, BUKP, CNP, CNP, DAV, DAV, DAV, BUSP, ENPP, SIJL, JOW, BATI, SKNT, KHON, NONG, GUMO, CHAI, HAY, NAKAY.

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Table with columns: PBKT, PHET, UTHA, SRDT, SURT, CMAR, CMAR, KSRS, MJAR, ASAR, ASAR, USRK, USRK, KLR, SONM, MKAR, PETK, YAK, AAK, AAR, BRTR, AKASG.

MAN 06 09:21:23, 10.11N, 123.27E, h1km, mb4.7, ML3.6, MS3.5, ISCJB 06 09:21:25.0, 0.6, 10.06N, 0.04, 123.23E, 0.03, h25km, 5km, mb3.9/13, MS3.4/2, Error ellipse: s-maj=7.6km s-min=4.8km az=21.8, IDC 06 09:21:42.8, 7.6, 9.99N, 123.13E, h181km, 75km, mb3.4/13, mb1 3.6/13, mb1 mx3.3/65, mbtmp3.9/13, MS3.4/2, Ms1 3.4/2, ms1 mx2.8/36, Error ellipse: s-maj=31.2km s-min=18.0km az=65.0, ISC 06 09:21:23.1, 8.1, 10.08N, 0.04, 123.26E, 0.03, h9km, 9km, n28, 1924/36, mb3.8/13, 1C-2D, Cebu

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists stations like TBP, TBP, SNPH, SNPH, LLP, LLP, GUIM, GUIM, RCP, RCP, MSLP, MSLP, OCLP, OCLP, PLP, PLP, OTRP, CNP, BUKP, ENPP, CMAR, KSRS, PMG, ASAR, SONM, STKA, MKAR, ZALV, KURBB, BVAR, TIXI, ILAR, FINES, YKA.

IDC 06 09:23:49.0, 2.4, 54.28N, 86.40E, h0km, mb1.3/0.3, mb1 mx2.8/69, mbtmp3.0/3, ML2.9/3, Error ellipse: s-maj=19.4km s-min=11.9km az=51.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists stations like I46RU, ZALV, ZALV, ZALV, KURBB, KURBB, MKAR, MKAR, BVAR, BVAR, BVAR.

IDC 06 09:25:06.9, 1.6, 9.83N, 122.27E, h0km, mb3.3/4, mb1 3.3/4, mb1 mx3.1/61, mbtmp3.3/4, Error ellipse: s-maj=169.8km s-min=24.4km az=67.0, ISCB 06 09:25:08.0, 0.8, 10.19N, 0.05, 123.29E, 0.06, h17km, mb3.3/4, Error ellipse: s-maj=8.1km s-min=7.1km az=175.9, ISC 06 09:25:08.4, 0.9, 10.15N, 0.05, 123.35E, 0.07, h17km, n8, 1925/11, mb3.3/4, 1C-1D, Cebu

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists stations like LLP, LLP, TBP, TBP, SNPH, SNPH, RCP, RCP, ASAR.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SONMI Songoing Array, MKAR Makanchi Array, and KURBB Kurchatov Arra.

MAN 06 09:27:23, 10.05N, 123.22E, h1km, mb4.8, ML3.7, MS3.7
IDC 06 09:27:24.0, 1.6, 9.95N, 123.44E, h0km, mb3.0/5,
mb1 3.5/4, mb1mx3.4/6, mbmtmp3.4/5, Error ellipse:
s-maj=67.9km s-min=26.4km az=64.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TBP Tagbilaran, SNPH Sibulan, and LLLP Lapu-Lapu.

ISJCJB 06 09:31:15.6, 0.7, 29.72S, 0.09, 178.0W, 0.3, h250km,
mb3.4/3, Error ellipse: s-maj=35.1km s-min=6.0km
az=19.4

WEL 06 09:31:15.9, 1.3, 29.9S, 18.0E, h33km, ML4.9/2
IDC 06 09:31:17.9, 0.9, 29.89S, 178.38W, h220km, 6km, mb3.3/3,
mb1 3.5/5, mb1mx3.2/38, mbmtmp4.0/5, Error ellipse:
s-maj=45.4km s-min=17.3km az=19.0

ISJC 06 09:31:16.6, 1.1, 29.85S, 177.59W, 0.3, h250km, n41,
c258/43, mb3.3/3, Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GLKZ Green Lake, RAO Raoul Island, and RIZ Raoul Island.

IDC 06 09:34:23.7, 3.9, 55.99N, 86.12E, h0km, mb1.2/7/3,
mb1mx2.6/67, mbmtmp2.7/3, ML2.2/3, Error ellipse:
s-maj=37.5km s-min=32.1km az=74.0, Southwestern
Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, and KURBB Kurchatov Arra.

IDC 06 09:35:38.0, 1.6, 9.95N, 123.21E, h0km, mb3.4/4,
mb1 3.5/4, mb1mx3.2/60, mbmtmp3.4/4, MS2.9/1, Ms1 2.9/1,
ms1mx2.5/34, Error ellipse: s-maj=170.8km s-min=24.3km
az=68.0

ISJCJB 06 09:35:38.7, 0.7, 10.13N, 0.04, 123.25E, 0.5, h10km,
mb3.5/4, Error ellipse: s-maj=7.4km s-min=5.7km
az=178.6

ISJC 06 09:35:39.3, 0.8, 10.11N, 0.04, 123.30E, 0.06, h10km, n10,
c080/13, mb3.5/4, ZD, Cebu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LLLP Lapu-Lapu, TBP Tagbilaran, and SNPH Sibulan.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, SONMI Songoing Array, and MKAR Makanchi Array.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RAO Raoul Island, AFI Afiamalu, and RAR Farrotonga.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PPT2 Papeete, PPT Papeete, and TVO Taravao.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AS01 Alice Springs, AS31 Alice Springs, and ASAR Alice Springs.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MJAR Matsushiro Arr, ASAJ Asahikawa, and ASAJ Asahikawa.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PMSA Palmer Station, PMSA Palmer Station, and YSS Yuzh-Sakhalins.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PETK Petropavlovsk, PEA1 Petropavlovsk, and KSRK Korea Arr.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NV01 Malin Array Arr, NVAR Malin Array Arr, and USRJ Ussuriysk Ar.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SNAJ Sanae, KLR Kul'dur, and LTX Lajitas.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, SFK Sufi-Kurgan, and SFK Sufi-Kurgan.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARSRL Arslanbob, ARSBJ Arslanbob, and ARSBJ Arslanbob.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RNI Roncone, RNI Roncone, and RNI Roncone.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MABI Malga Bissina, MABI Malga Bissina, and MABI Malga Bissina.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MABA Malga Bissina, MABA Malga Bissina, and MABA Malga Bissina.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CARE Lago del Cares, CARE Lago del Cares, and CARE Lago del Cares.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OZOL Ozolo, OZOL Ozolo, and BRMO Bormio.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BRMO Bormio, PANI Panarotta, and SALO Salir.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SALO Salir, SALO Salir, and SALO Salir.

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6d 10h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like FAU, FETA, AGOR, ROSI, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like YON, YOJ, YOY, JYNG, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SIV, MOCB, BBOE, etc.

ISCJB 06 10:00:09.3-1.9, 24°58'N, 122°96'E, 0.03, h12km, 6km, Error ellipse: s-maj=10.3km s-min=3.8km az=179.8

ISCJB 06 10:03:14.9-1.1, 9°92'N, 123°18'E, 0.04, h10km, 8km, m13, 7/11, Error ellipse: s-maj=8.3km s-min=5.9km az=25.8

ISCJB 06 10:03:15.1-1.3, 9°98'N, 123°21'E, 0.04, h3km, 9km, n19, c092/25, mb3.8/11, ID, Negros

ISCJB 06 10:00:09.3-0.2, 24°73'N, 122°96'E, h125km, 1km, ML3.0, D JMA 06 10:00:09.3-0.2, 24°67'N, 122°96'E, h126km, 3km, M2.2

DAV	Davao City (W)	3.68 140j	eP	Pn	10 11 17.5 +0.9	GRJI	Gresik	19.81 213	P	Pn	10 14 53.0 +1.1	JNU	Nakatsue	24.18 16	P	P	10 15 37.0 +0.9
DAV	Davao City (W)	3.68 140j	eP	Pn	10 11 15.9 -0.9	SKNT	Sakolnakorn	19.94 293	P	Pn	10 14 52.9 -0.5	JNU	Nakatsue	24.18 16	eP	P	10 15 36.9 +0.9
DAV	Davao City (W)	3.68 140	ePn	Pb	10 11 20.2 -4.6	BLJI	Banyuwangi	19.96 209	P	Pn	10 14 53.4 -0.2	KDU	comp-Z,83nm,1.1s	24.27 157	P	P	10 15 37.7 +0.8
DAV	Davao City (W)	3.68 140	ePn	Pb	10 11 20.5 -4.4	BATI	Baumata	19.98 179	P	Pn	10 14 53.0 -1.0	LAMP	Lampang	24.36 293	P	P	10 15 38.5 +0.6
BOAC	Boac	3.77 340	eP	Pn	10 11 18.9 +1.1	BATI	Banyuwangi	19.98 179	P	LR	10 22 28.6	MASI	Maunara, Be	24.55 239	P	P	10 15 42.0 +2.3
PVCP	Virac	3.80 15	eP	Pn	10 11 19.5 +1.3	DNP	Denpasar	20.09 204	P	Pn	10 14 56.0 +0.8	PKDT	Phuket	24.62 287	P	P	10 15 40.9 +0.6
ENPP	El Nido	3.91 290	eP	Pn	10 12 32.0 +1.0	BASI	Baing, Sumba	20.15 187	P	Pn	10 14 58.5 +2.6	KMI	Kunming	24.62 311	P	P	10 15 41.8 +1.3
ENPP	El Nido	3.91 290	eP	Pn	10 11 17.7 -2.0	IGBI	Indragiri	20.24 204	P	Pn	10 14 56.7 -0.3	KMI	Kunming	24.62 311	pP	pP	10 15 45.5 -0.4
GOP	Guinayanang	4.04 350j	eP	Pn	10 11 23.8 +2.2	JAGI	Jajag, Banyuwa	20.34 207	P	Pn	10 14 59.3 +1.1	KMI	Kunming	24.62 311	pP	pP	10 15 47.8 +3.5
GSPH	General Santos	4.18 155j	iP	Pn	10 11 32.5 -0.8	JAGI	Jajag, Banyuwa	20.34 207	eP	Pn	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 20 02.7 +0.9
PGP	Puerto Galera	4.19 329j	eP	Pn	10 11 27.4 -6.1	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 41.8 +1.3
PGP	Puerto Galera	4.19 329j	eP	Pn	10 12 15.4 +2.9	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 45.5 -0.4
MATI	Mati	4.23 134	eP	Pn	10 11 27.1 +0.9	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 47.8 +3.5
PPR	Puerto Princes	4.38 269j	iP	Pn	10 12 14.9 -2.3	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 20 02.7 +0.9
PPR	Puerto Princes	4.38 269j	iP	Pn	10 11 30.1 +2.4	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 41.8 +1.3
LQP	Lukban	4.46 339j	eP	Pn	10 11 30.1 +2.4	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 45.5 -0.4
TGY	Tagaytay City	4.72 333	eP	Pn	10 11 34.9 -7.6	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 47.8 +3.5
TGY	Tagaytay City	4.72 333	eP	Pn	10 11 34.9 -7.6	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 20 02.7 +0.9
TGY	Tagaytay City	4.72 333	eP	Pn	10 11 34.9 -7.6	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 41.8 +1.3
LUBP	Lubang	4.77 323	eP	Pn	10 11 34.0 +2.5	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 45.5 -0.4
BATP	Bataraza	5.22 259	eP	Pn	10 11 39.6 -0.7	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 47.8 +3.5
BALP	Baler	6.01 345	eP	Pn	10 11 51.5 +2.9	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 20 02.7 +0.9
MYLDM	Mahad Datu	6.06 159	ePn	Pn	10 12 22.2 -4.1	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 41.8 +1.3
SGSI	Sangihe	6.60 345	eP	Pn	10 12 22.2 -4.1	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 45.5 -0.4
SCZP	Santa Cruz	6.65 332	eP	Pn	10 12 01.8 +4.4	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 47.8 +3.5
KDM	Kudat	6.94 245	eP	Pn	10 12 02.8 +1.4	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 20 02.7 +0.9
CAUP	Cauayan	7.12 350	eP	Pn	10 12 06.4 +2.5	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 41.8 +1.3
SOIAP	Solinao	7.19 324	eP	Pn	10 12 07.5 +1.0	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 45.5 -0.4
SDKM	Sandakan	7.28 235	iP	Pn	10 12 07.2 +1.1	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 47.8 +3.5
TSM	Tawau	7.66 224	iP	Pn	10 12 12.2 +1.0	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 20 02.7 +0.9
KKM	Kota Kinabalu	7.88 241	iP	Pn	10 12 15.5 +1.1	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 41.8 +1.3
KKM	Kota Kinabalu	7.88 241	ePn	Pn	10 12 15.2 +0.8	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 45.5 -0.4
ABRA	Alores	8.07 343	eP	Pn	10 12 19.5 +2.7	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 47.8 +3.5
APFY	Conner	8.13 347	eP	Pn	10 12 19.5 +1.7	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 20 02.7 +0.9
SGCP	Mt. Cagua	8.37 353	eP	Pn	10 12 25.6 +4.7	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 41.8 +1.3
KMSI	Cibinong	9.30 175	eP	Pn	10 12 37.1 +3.4	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 45.5 -0.4
MRSI	Marisa	9.44 188	P	Pn	10 12 38.4 +2.7	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 47.8 +3.5
TMTI	Ternate	9.59 226	eP	Pn	10 12 45.6 +1.6	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 20 02.7 +0.9
MPSI	Mapaga	10.04 199	P	Pn	10 12 43.3 -0.7	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 41.8 +1.3
APSI	Ampana	10.85 188	P	Pn	10 12 57.0 +2.0	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 45.5 -0.4
LWUI	Luwuk	10.88 182	P	Pn	10 12 58.6 +3.2	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 47.8 +3.5
LWUI	Luwuk	10.88 182	ePn	Pn	10 13 07.6 +1.0	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 20 02.7 +0.9
LBMI	Lubaha	11.32 157	P	Pn	10 13 04.1 +2.6	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 41.8 +1.3
SMKI	Samarinda	11.87 210	P	Pn	10 13 13.7 +4.7	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 45.5 -0.4
BTM	Bintulu	12.03 237	iP	Pn	10 13 12.9 +1.7	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 47.8 +3.5
SANI	Sanana	12.20 167	P	Pn	10 13 12.9 -0.6	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 20 02.7 +0.9
BKB	Balikpapan	12.73 210	P	Pn	10 13 23.7 +3.0	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 41.8 +1.3
TWG	Piniang	13.01 351	ePn	Pn	10 13 25.8 +2.3	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 45.5 -0.4
SBUM	Sibu	13.16 236	iP	Pn	10 13 27.6 +1.0	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 47.8 +3.5
SBUM	Sibu	13.16 236	ePn	Pn	10 13 29.3 +2.7	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 20 02.7 +0.9
TTSI	Tana Toraja	13.29 195	P	Pn	10 13 31.5 +3.1	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 41.8 +1.3
SWI	Sorong	13.38 143	P	Pn	10 13 31.9 +2.2	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 45.5 -0.4
SIJI	Sorong	13.39 143	P	Pn	10 13 31.2 +1.4	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 47.8 +3.5
SIJI	Sorong	13.39 143	P	LR	10 18 49.2	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 20 02.7 +0.9
YULB	Yu-Hi	13.54 353	ePn	Pn	10 13 34.5 +2.8	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 41.8 +1.3
TPUB	Ta-pu	13.55 351	ePn	Pn	10 13 35.1 -5.9	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 45.5 -0.4
MTKI	Muara Teweh, K	13.56 218	P	Pn	10 13 36.0 -5.2	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 47.8 +3.5
NLAI	Namlea	13.62 163	P	Pn	10 13 32.6 -0.4	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 20 02.7 +0.9
SSLB	Suanglung	13.97 352	ePn	Pn	10 13 40.9 -4.9	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 41.8 +1.3
SPSI	Sidrap Falls	14.19 194	P	Pn	10 13 43.4 -4.7	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 45.5 -0.4
NACB	Ninganchiao	14.28 354	ePn	Pn	10 13 44.7 -4.4	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 47.8 +3.5
MSAI	Masohi	14.35 156	P	Pn	10 13 46.1 -3.9	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 20 02.7 +0.9
AAI	Ambo	14.39 159	P	Pn	10 13 43.3 -0.2	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 41.8 +1.3
YOJ	Yonaguni jima	14.48 359	ePn	Pn	10 13 46.3 +1.6	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 45.5 -0.4
YOJ	Yonaguni jima	14.48 359	ePn	Pn	10 13 46.3 +1.6	JAGI	Jajag, Banyuwa	20.34 207	eP	LR	10 14 58.0 -0.1	KMI	Kunming	24.62 311	pP	pP	10 15 47.8 +3.5
YHNB	Yeheng	14.79 354	ePn	Pn	10 13 5												

6d 10h

INU	Inuyama	28.30	24	eP	P	10 16 14.1 +0.8
INU	comp-Z, 72nm, 0.9s					
DL2	Dalian	28.92	358	P	S	10 16 20.5 +1.8
DL2	comp-Z, 140nm, 1.5s			S	pmax	10 21 12.2 +3.2
DL2	comp-Z, 1µm, 8.6s			pmax	pmax	
DL2	comp-Z, 1.5µm, 21.1s			LR	LR	
DL2	comp-Z, 4.2µm, 19.1s			LR	LR	
DL2	comp-Z, 1.6µm, 18.8s			LR	LR	
TIY	Taiyuan	29.34	342	eP	P	10 16 25.0 +2.5
TIY	comp-Z, 2µm, 6.2s			PP	S	10 17 22.3 -6.5
TIY	comp-Z, 18µm, 14.4s			S	pmax	10 21 19.7 +3.9
TIY	comp-Z, 1.5µm, 16.0s			LR	LR	
TIY	comp-Z, 3.4µm, 21.9s			LR	LR	
DGPR	DIGLIPUR	29.80	279	eP	P	10 16 24.3 -2.5
DGPR	comp-Z, 4.7nm, 1.1s			IAMB	IAMB	10 16 30.0
MAJO	Matsushiro	29.82	25	eP	P	10 16 28.4 +1.6
MAJO	comp-Z, 66nm, 1.3s			pmax	pmax	
MAJO	comp-Z, 1.7µm, 19.0s			MLR	MLR	
MAJO	comp-Z, 66nm, 1.3s			LR	LR	
MAJO	comp-Z, 1.7µm, 19.0s			LR	LR	
MAT	Matsushiro	29.82	25	P	P	10 16 25.5 -1.3
MAT	comp-Z, 1.4nm, 0.9s, baz=203, slow=9.3, SNR=16			S	S	10 21 21.6 -1.7
MJAR	Matsushiro Arr	29.82	25	P	P	10 16 27.4 +0.6
MJAR	comp-Z, 8.7nm, 0.7s, baz=192, slow=3.0, SNR=10			PcP	PcP	10 19 31.0 +0.8
MJB9	Matsu-Tunnel	29.82	25	eP	P	10 16 28.1 +1.3
MJB9	comp-Z, 7.4nm, 1.3s			LR	LR	
MJB9	comp-Z, 1.8µm, 18.0s			LR	LR	
PBA	Port Blair	29.94	276	IAMB	IAMB	10 16 22.3
PBA	comp-Z, 3.2nm, 0.8s			eP	P	10 16 27.3 -0.8
PMG	Port Moresby	30.62	128	eP	P	10 16 32.9 -1.1
PMG	comp-Z, 35nm, 0.8s, baz=319, slow=1.4, SNR=10			P	P	10 16 35.2 +1.2
PMG	Port Moresby	30.62	128	eP	P	10 16 35.2 +1.2
PMG	comp-Z, 69nm, 1.1s			eP	P	10 16 34.6 +0.7
BJT	Baijiatuu	30.64	349	eP	P	10 16 34.6 +0.7
BJT	comp-Z, 258nm, 1.1s			pmax	pmax	
BJT	Baijiatuu	30.64	349	eP	P	10 16 34.6 +0.7
BJT	comp-Z, 258nm, 1.1s			eP	P	10 16 34.6 +0.7
BJI	Beijing	30.66	349	P	S	10 16 34.1 0.0
BJI	comp-Z, 66nm, 1.8s			S	pmax	10 21 26.6 -1.0
BJI	comp-Z, 3µm, 17.9s			LR	LR	
BJI	comp-Z, 9µm, 19.0s			LR	LR	
BJI	comp-Z, 8µm, 32.5s			LR	LR	
COEN	Coen	30.91	140	P	P	10 16 34.9 -1.7
COEN	comp-Z, 279nm, 1.9s			P	P	10 16 37.0 +0.4
COEN	Coen	30.91	140	eP	P	10 16 37.0 +0.4
COEN	comp-Z, 279nm, 1.9s			eP	P	10 16 36.2 -1.5
MBWA	Marble Bar	31.05	186	eP	P	10 16 36.2 -1.5
MBWA	comp-Z, 255nm, 1.8s			LR	LR	
MBWA	comp-Z, 1.0µm, 20.0s			LR	LR	
LZH	Lanzhou	31.43	329	eP	P	10 16 42.2 +1.0
LZH	comp-Z, 1.0µm, 20.0s			pP	sP	10 16 46.8 +0.2
LZH	comp-Z, 255nm, 1.8s			PP	PnPn	10 17 45.5 +1.5
LZH	comp-Z, 1.0µm, 20.0s			eS	sS	10 21 47.5 -1.4
LZH	comp-Z, 1.0µm, 20.0s			sS	pmax	10 22 05.6 +1.0
LZH	comp-Z, 160nm, 1.4s			pmax	pmax	
LZH	comp-Z, 630nm, 4.3s			LR	LR	
LZH	comp-Z, 12µm, 13.7s			LR	LR	
LZH	comp-Z, 3.1µm, 14.8s			LR	LR	
LZH	comp-Z, 4.7µm, 15.5s			LR	LR	
WRAB	Tennant Creek	31.62	160	eP	P	10 16 43.1 +0.3
WRAB	comp-Z, 7.5nm, 0.7s			pmax	pmax	
WRAB	comp-Z, 1.1µm, 18.0s			MLR	MLR	
WRAB	Tennant Creek	31.62	160	eP	P	10 16 42.5 -0.3
WRAB	comp-Z, 30nm, 0.7s			LR	LR	
WRAB	comp-Z, 9µm, 20.0s			LR	LR	
SNY	Shenyang	31.80	1	↑P	S	10 16 44.4 +0.2
SNY	comp-Z, 150nm, 2.0s			pmax	pmax	10 21 54.9 +0.7
SNY	comp-Z, 2µm, 4.8s			pmax	pmax	
SNY	comp-Z, 1.4µm, 14.7s			LR	LR	
SNY	comp-Z, 3.7µm, 20.1s			LR	LR	
SNY	comp-Z, 2.2µm, 23.0s			LR	LR	
RABL	Rabaul	32.09	115	PFAKE	LR	10 17 00.0 +1.3
RABL	comp-Z, 1.6µm, 20.0s			LR	LR	
HHC	Hu-ho-hao-te	32.49	343	eP	P	10 16 53.4 +3.0
HHC	comp-Z, 53nm, 1.9s			sP	sP	10 17 00.6 +4.8
HHC	comp-Z, 3µm, 5.2s			PP	PP	10 18 02.1 -1.8
HHC	comp-Z, 2.3µm, 20.6s			S	S	10 22 05.6 +0.4
HHC	comp-Z, 1.9µm, 20.6s			sS	sS	10 22 15.3 +4.2
HHC	comp-Z, 2.5µm, 20.4s			SS	SnSn	10 24 04.6 +5.7
HHC	comp-Z, 3µm, 5.2s			ScS	pmax	10 27 21.4 +0.9
HHC	comp-Z, 3µm, 5.2s			pmax	pmax	
HHC	comp-Z, 2.3µm, 20.6s			LR	LR	
HHC	comp-Z, 1.9µm, 20.6s			LR	LR	
HHC	comp-Z, 2.5µm, 20.4s			LR	LR	
BRDH	Baridhala	32.74	297	P	P	10 16 53.6 +1.0
BRDH	comp-Z, 7.7nm, 0.4s, baz=270, slow=20, SNR=23			LR	LR	10 30 50.6
GIRL	Giralia	33.51	195	P	P	10 17 00.8 +1.5
GIRL	comp-Z, 2.5µm, 21.7s, baz=108, slow=38			LR	LR	
GIRL	comp-Z, 3.1µm, 14.8s			LR	LR	
SHL	Shilling	33.51	302	eP	P	10 16 58.5 -1.1
SHL	comp-Z, 55nm, 0.8s			eS	S	10 22 21.0 -0.6
CH2	Changchun	33.83	3	↑P	S	10 17 01.7 -0.2
CH2	comp-Z, 50nm, 0.8s			eS	pmax	10 22 26.6 +0.9
CH2	comp-Z, 50nm, 0.8s			pmax	pmax	
CN2	comp-Z, 200nm, 3.0s			LR	LR	
CN2	comp-Z, 1.2µm, 17.0s			LR	LR	
CN2	comp-Z, 1.9µm, 17.0s			LR	LR	
CN2	comp-Z, 1.3µm, 20.0s			LR	LR	
COCO	West Island	34.16	231	PFAKE	LR	10 17 20.0 +1.5
COCO	comp-Z, 9µm, 19.0s			LR	LR	
QIS	Mount Isa	34.31	152	P	P	10 17 05.2 -1.1
QIS	comp-Z, 34, SNR=11			P	P	10 17 11.9 +1.2
MTSU	Mount Surprise	34.81	143	P	P	10 17 11.9 +1.2
MTSU	comp-Z, 35, SNR=12			P	P	10 17 14.4 +2.9
PATS	Pohnpei	34.88	92	P	P	10 17 14.4 +2.9
PATS	comp-Z, 35			P	P	10 17 20.0 +8.6
PATS	Pohnpei	34.88	92	PFAKE		

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PATS	comp-Z, 1.7µm, 19.0s			LR	LR	
AS31	Alice Springs	34.97	163	eP	P	10 17 11.2 -0.9
AS31	comp-Z, 2.4nm, 0.8s			ePcP	PcP	10 19 44.0 -0.5
AS31	comp-Z, 2.0nm, 19.0s			e	LR	10 27 05.4
ASAR	Alice Springs	34.97	163	P	P	10 17 10.6 -1.4
ASAR	comp-Z, 4.7nm, 0.7s, baz=344, slow=6.4, SNR=117			PcP	PcP	10 19 44.0 -0.5
ASAR	comp-Z, 1.3nm, 0.7s, baz=350, slow=2.5, SNR=8.6			P	P	10 19 44.0 -0.5
ASAR	comp-Z, 0.7nm, 0.7s, baz=300, slow=1.3, SNR=4.4			PKIKP	PKIKP	10 27 05.4 -1.5
ASO1	Alice Springs	34.98	163	eP	P	10 17 10.4 -1.7
USRK	Ussuriysk Arr.	35.02	11	P	P	10 17 13.3 +1.1
USRK	comp-Z, 6.4nm, 0.8s, baz=194, slow=8.0, SNR=44			PcP	PcP	10 19 44.4 +0.2
USRK	comp-Z, 4.4nm, 0.7s, baz=152, slow=2.2, SNR=48			P	P	10 17 12.3 0.0
MDJ	Mudanjiang	35.03	8	eP	P	10 22 50.8 +6.6
MDJ	comp-Z, 1.6µm, 20.0s			S	S	10 22 58.7 +8.1
MDJ	comp-Z, 80nm, 0.9s			sS	sS	
MDJ	comp-Z, 2µm, 3.7s			pmax	pmax	
MDJ	comp-Z, 1.6µm, 18.0s			LR	LR	
MDJ	comp-Z, 2.2µm, 18.6s			LR	LR	
MDJ	comp-Z, 2.6µm, 16.9s			LR	LR	
MDJ	comp-Z, 5.18nm, 1.3s			LR	LR	
MDJ	comp-Z, 1.6µm, 20.0s			LR	LR	
WRKA	Warakura	35.08	172	P	P	10 17 11.9 -1.0
WRKA	comp-Z, 1.6µm, 20.0s			P	P	10 17 11.9 -1.0
WRKA	baz=35, SNR=150			P	P	10 17 19.7 0.0
LSA	Lhasa	35.80	308	P	P	10 17 19.7 0.0
LSA	comp-Z, 2.0nm, 1.7s			pP	sP	10 17 24.4 -0.8
LSA	comp-Z, 2.0nm, 1.7s			pmax	pmax	10 22 52.3 -5.1
LSA	comp-Z, 2µm, 7.0s			LR	LR	
LSA	comp-Z, 10µm, 19.6s			LR	LR	
LSA	comp-Z, 7µm, 22.0s			LR	LR	
LSA	comp-Z, 2.4µm, 17.1s			LR	LR	
LSA	Lhasa	35.80	308	eP	P	10 17 20.0 +0.3
LSA	comp-Z, 29nm, 0.9s			pmax	pmax	
LSA	comp-Z, 2.4µm, 20.0s			MLR	MLR	
LSA	Lhasa	35.80	308	eP	P	10 17 20.0 +0.3
LSA	comp-Z, 30nm, 0.9s			LR	LR	
LSA	comp-Z, 2.4µm, 20.0s			LR	LR	
LSA	comp-Z, 37, SNR=64			GA	GA	10 17 21.6 +1.9
GTA	Gaotai	36.03	329	↑P	P	10 17 21.1 0.0
GTA	comp-Z, 2.1µm, 20.4s			pP	sP	10 17 31.8 +5.2
GTA	comp-Z, 2.1µm, 20.4s			pP	sP	10 17 35.7 +1.1
GTA	comp-Z, 2.1µm, 20.4s			PcP	PcP	10 19 48.5 +1.0
GTA	comp-Z, 2.1µm, 20.4s			S	S	10 23 02.2 +2.3
GTA	comp-Z, 2.1µm, 20.4s			sS	ScP	10 23 19.0 -1.5
GTA	comp-Z, 2.1µm, 20.4s			PcS	PcS	10 23 35.3 +0.3
GTA	comp-Z, 2.1µm, 20.4s			ScS	ScS	10 27 34.3 -5.0
GTA	comp-Z, 2µm, 6.0s			pmax	pmax	
GTA	comp-Z, 2.1µm, 20.4s			LR	LR	
GTA	comp-Z, 3.7µm, 20.0s			LR	LR	
GTA	comp-Z, 5.0µm, 20.0s			LR	LR	
ERM	Erimo	36.49	25	eP	P	10 17 26.8 +2.0
ERM	comp-Z, 101nm, 1.7s			pmax	pmax	
ERM	Erimo	36.49	25	eP	P	10 17 26.8 +2.0
ERM	comp-Z, 5.2nm, 1.0s			LR	LR	
ERM	comp-Z, 1.2µm, 18.0s			LR	LR	
MEEK	Meekatharra	36.59	187	P	P	10 17 23.9 -2.0
MEEK	comp-Z, 1.0µm, 20.0s			LR	LR	
MEEK	Ternei	36.87	16	eP	P	10 17 31.0 +3.0
MEEK	comp-Z, 711nm, 1.8s			eS	S	10 23 14.0 +1.6
TEY	comp-Z, 711nm, 1.8s			pmax	pmax	
TEY	comp-Z, 1µm, 2.0s			pmax	pmax	

RPR		eS	S	10 24 49.9	+0.2
RPR		IVMs_BB	IVMs_BB	10 42 14.8	
RCLA	comp=Z,3um,14.7s				
RCLA	Racheria	43.44 282	eP	10 18 23.0	0.0
RCLA			eS	10 24 51.2	-0.2
SRLM	Srisailam	43.52 283	eP	10 18 23.4	-0.2
SRLM			IAMB	10 18 28.9	
SRLM			eS	10 24 52.1	-0.6
SRLM	comp=Z,2um,20.1s		IVMs_BB	10 32 34.8	
ZAK	Zakamensk	43.58 342	eP	10 18 22.6	-1.2
ZAK			Pmax		
ZEP	comp=Z,31nm,1.2s				
ZEP	Nagpur	43.82 290	eP	10 18 25.7	-0.4
ZEP	Zeya	43.84 3	eP	10 18 25.0	0.0
ZEA			eS	10 24 52.0	-4.3
ZEA				10 28 24.0	
ZEA	comp=N,1um,5.0s		Pmax		
ZEA	comp=Z,2um,5.0s		Pmax		
ZEA	comp=E,42nm,0.8s		Pmax		
ZEA	comp=N,190nm,1.4s		Pmax		
ZEA	comp=Z,340nm,1.4s		Pmax		
ZEA	comp=N,600nm,6.0s		Pmax		
ZEA	comp=Z,900nm,6.0s		Pmax		
ZEA	comp=E,2um,12.0s		Smax		
ZEA	comp=N,3um,15.0s		Smax		
ZEA	comp=Z,21um,16.0s		MLR		
ZEA	comp=E,7um,15.0s		MLR		
ZEA	comp=N,14um,16.0s		MLR		
TYV	Tymovskoe	43.88 18	eP	10 18 27.8	+1.8
TYV			S	10 24 59.3	+2.4
TYV			Pmax		
TYV	comp=Z,900nm,2.1s		Pmax		
TYV	comp=Z,114nm,1.6s		Smax		
TYV	comp=N,40nm,3.0s		Smax		
TYV	comp=E,4um,9.4s				
RMQ	Roma	43.89 146	P	10 18 26.7	+0.3
RMQ	baz=44,SNR=8.8				
HYB	Hyderabad	43.92 285	iP	10 18 26.5	-0.4
HYB	comp=E,15nm,16.0s		ePP	10 20 12.0	-1.0
HYB			eS	10 25 02.0	+3.6
HYB	Hyderabad	43.92 285	eP	10 18 27.1	+0.3
HYB	comp=Z,81nm,0.8s		IAMB	10 18 29.8	
HYBB	Hyderabad (bro)	43.92 285	eP	10 18 26.5	-0.3
HYBB	comp=Z,107nm,0.9s		IAMB	10 18 32.0	
HYBB			eS	10 24 59.1	+0.6
HYBB			IVMs_BB	10 40 12.9	
BBOO	Bucklebo	44.21 164	P	10 18 27.8	-1.1
BBOO	baz=44,SNR=20				
BBOO	Bucklebo	44.21 164	eP	10 18 27.7	-1.1
BBOO	comp=Z,73nm,0.9s		LR		
SRSP	Sriramsagar	44.23 287	eP	10 18 29.0	-0.4
SRSP	comp=Z,162nm,1.3s		IAMB	10 18 32.9	
SRSP			eS	10 25 03.2	+0.3
SRSP			IVMs_BB	10 44 31.6	
EIDS	comp=Z,3um,15.2s				
EIDS	Eidsvold	44.36 143	P	10 18 29.3	-0.8
EIDS	baz=44,SNR=23				
EIDS	Eidsvold	44.36 143	eP	10 18 29.4	-0.8
EIDS	comp=Z,187nm,1.6s		LR		
TLY	comp=Z,12um,21.0s		LR		
TLY	Talaya	44.62 343c	iP	10 18 32.2	+0.3
TLY			e	10 20 19.5	
TLY			eS	10 25 09.5	+1.8
TLY			eSS	10 28 31.0	+1.3
TLY			Pmax		
TLY	comp=Z,111nm,1.1s		MLR		
TLY	comp=Z,13um,14.0s		MLR		
TLY	Talaya	44.62 343	eP	10 18 32.5	+0.5
TLY	comp=Z,90nm,1.0s		LR		
TKG	comp=Z,1um,20.0s		LR		
TKG	Rocky Gully	44.65 187	P	10 18 33.1	+0.8
TKG	baz=45,SNR=8.1				
IRK	Irkutsk	44.94 344	eP	10 18 35.4	+0.9
IRK			eS	10 25 13.1	+0.8
IRK			Pmax		
URV	comp=Z,260nm,2.1s				
URV	Urvakonda	45.06 281	eP	10 18 35.8	-0.2
URV	comp=Z,100nm,0.9s		IAMB	10 18 40.6	
URV			eS	10 25 15.2	+0.1
URV			IVMs_BB	10 37 58.7	
STKA	comp=Z,3um,15.4s				
STKA	Stevens Creek	45.13 158	P	10 18 35.5	-0.7
STKA	comp=Z,57nm,0.8s,baz=334,slow=7.9,SNR=53				
STKA	Stevens Creek	45.13 158	eP	10 18 35.2	-1.0
STKA	baz=45,SNR=8.8				
STKA	Stevens Creek	45.13 158	eP	10 18 35.2	-1.0
STKA			Pmax		
STKA	comp=Z,18nm,0.8s		MLR		
STKA	comp=Z,2um,20.0s		MLR		
STKA	Stevens Creek	45.13 158	eP	10 18 35.2	-1.0
STKA	comp=Z,18nm,0.8s		LR		
NKL	comp=Z,2um,20.0s				
NKL	Nikolayevsk	45.39 15	eP	10 18 38.5	+0.5
NKL			eS	10 25 18.0	-0.7
NKL	comp=N,25nm,1.0s		Pmax		
NKL	comp=E,17nm,1.0s		Pmax		
NKL	comp=Z,77nm,1.0s		Pmax		
NKL	comp=N,900nm,4.0s		Pmax		
NKL	comp=E,500nm,4.0s		Pmax		
NKL	comp=Z,2um,5.0s		Smax		
NKL	comp=N,2um,12.0s		Smax		
NKL	comp=E,2um,12.0s		Smax		
NKL	comp=Z,2um,12.0s		MLR		
NKL	comp=N,4um,16.0s		MLR		
NKL	comp=E,1um,16.0s		MLR		
MOY	Mondy	45.42 341	eP	10 18 38.6	+0.1
MOY	comp=Z,212nm,2.6s		Pmax		
TRD	Trivandrum	45.62 272	eP	10 18 38.5	-1.9
TRD	comp=Z,12um,19.9s		IAMS_20	10 38 58.5	
BHPL	Bhopal	45.62 293	eP	10 18 39.6	-0.8
BHPL	comp=Z,76nm,1.1s		IAMB	10 18 44.4	
WMQ	Urumqi	45.68 324	P	10 18 43.3	+2.7
WMQ			pP	10 18 53.7	+7.6
WMQ			PcP	10 20 20.4	+1.8
WMQ			S	10 25 23.2	-0.3
WMQ			SS	10 28 39.2	+2.2
WMQ	comp=Z,59nm,1.9s		Pmax		
WMQ	comp=Z,3um,7.9s		Pmax		

WMQ	comp=Z,72um,17.7s		LR		
WMQ	comp=Z,52um,17.7s		LR		
WMQ	comp=Z,61um,22.7s		LR		
KLRI	Killari	45.82 286	eP	10 18 41.7	-0.3
KLRI			IAMB		
KLRI	comp=Z,164nm,0.8s		eS	10 25 26.5	+0.4
KLRI			IVMs_BB	10 43 48.2	
CMSA	comp=Z,4um,17.1s				
CMSA	Cobar Meteorol	46.51 153	P	10 18 47.5	+0.4
CMSA	baz=48,SNR=53				
DDI	Dehra Dun	46.61 303	eP	10 18 49.0	+0.9
DDI			IAMB	10 19 00.5	
CLNS	Chui'man	46.84 1	eP	10 18 50.4	+0.9
CLNS			ePPP	10 19 00.0	+5.0
CLNS			e	10 20 20.1	
CLNS			e	10 20 41.7	
CLNS			ePPP	10 21 19.4	
CLNS			eS	10 25 40.3	+0.6
CLNS	comp=E,32nm,0.9s		Pmax		
CLNS	comp=N,122nm,1.2s		Pmax		
CLNS	comp=Z,118nm,1.1s		Pmax		
CLNS	comp=Z,20nm,1.0s		Pmax		
CLNS	comp=N,30nm,1.2s		Pmax		
CLNS	comp=E,25nm,1.3s		Pmax		
CLNS	comp=N,2um,11.8s		Smax		
CLNS	comp=E,2um,11.8s		Smax		
CLNS	comp=Z,7um,13.0s		MLR		
CLNS	comp=N,7um,15.0s		MLR		
CLNS	comp=E,4um,17.0s		MLR		
SMLA	Simla	47.57 303	eP	10 18 55.2	-0.2
SMLA			IAMB	10 18 59.8	
HVS	comp=Z,80nm,0.8s				
HVS	Khov-Aksy	47.70 335f	eP	10 18 58.6	+2.3
HVS			Pmax		
HVS	comp=Z,100nm,1.2s		MLR		
SDNR	Sundarnagar	47.83 304	eP	10 18 59.0	+1.4
BOD	Bodaibo	48.33 353j	iP	10 19 00.9	0.0
BOD			Pmax		
GOA	Goa	48.38 282	eP	10 19 03.3	+1.3
POO	Poona	48.45 286	eP	10 19 02.6	0.0
POO			IAMB	10 19 06.7	
ARMA	comp=Z,106nm,1.2s				
ARMA	Armidale	48.53 147	P	10 19 03.6	+0.6
ARMA	baz=48,SNR=60				
ARMA	Armidale	48.53 147	eP	10 19 03.6	+0.6
ARMA	comp=Z,106nm,1.0s				
DHRM	DHARAMSHOLA	48.59 304	eP	10 19 02.6	-1.1
DHRM			IAMB	10 19 07.3	
DHRM	comp=Z,231nm,0.2s		IAMS_20	10 41 35.9	
DHRM	comp=Z,15um,17.3s				
SKR	Severo-Kuril's	48.87 27	eP	10 19 08.1	+2.9
SKR			e	10 21 02.8	
SKR			eS	10 26 04.5	-3.9
SKR			e	10 28 50.1	
SKR			eSS	10 29 33.1	-6.0
SKR			Pmax		
SKR	comp=Z,160nm,1.2s		Pmax		
SKR	comp=Z,2um,5.1s		Pmax		
SKR	comp=Z,1um,6.5s		MLR		
SKR	comp=Z,6um,17.0s		MLR		
SKR	comp=Z,7um,19.0s		MLR		
THN	Thein Dam	49.12 305	eP	10 19 08.0	+0.6
ZSN	Zaisan	49.45 326	eP	10 19 10.8	+1.0
ZSN	comp=Z,61nm,1.4s				
ZSN			ePP	10 21 05.5	+1.6
ZSN			eS	10 26 18.1	+1.4
ZSN			LR	10 40 20.6	
BOM	comp=Z,2um,17.4s				
BOM	Bombay	49.45 286	Amb	10 19 14.6	
BOM	comp=Z,310nm,8.7s				
ARPS	Mount Arapiles	49.63 160	P	10 19 12.5	-5.1
ARPS	baz=50,SNR=22				
YNG	Young	50.05 153	P	10 19 15.2	+0.7
YNG	baz=50,SNR=9.9				
TARA	Tarawa	50.17 97	eP	10 19 19.3	+3.6
TARA	comp=Z,15nm,1.3s		LR		
PDGK	Podgonye	50.45 319	P	10 19 17.9	+0.3
PDGK	comp=Z,8um,18.0s		Pmax		
BOM	comp=Z,102nm,1.4s				
MK1	Makanchi Array	50.49 324	eP	10 19 17.4	-0.4
MK1	Makanchi Array	50.51 324	P	10 19 17.9	+0.1
MK1			Pmax		
MK31	comp=Z,29nm,0.9s				
MK31	Makanchi Array	50.51 324	eP	10 19 18.0	+0.1
MK32	Makanchi Array	50.51 324	eP	10 19 18.0	+0.1
MK32			ePcP	10 20 37.2	+1.4
MK32			PcP	10 19 18.0	+0.1
MKAR	comp=Z,11nm,0.7s,baz=119,slow=9.8,SNR=40		PcP	10 20 37.2	+1.4
MKAR	comp=Z,15nm,0.6s,baz=118,slow=2.6,SNR=7.7		LR	10 42 51.5	
MKAR	comp=Z,27um,18.9s,baz=120,slow=39		LR		
MKAR	Makanchi Array	50.51 324	eP	10 19 18.0	+0.1
MKAR				10 20 37.2	
MKAR			Pmax		
MKAR	comp=Z,148nm,0.8s				
MKAR	Makanchi Array	50.51 324	eP	10 19 18.0	+0.1
MKAR	comp=Z,148nm,0.8s		PcP	10 20 37.2	+1.4
MKAR			PcP	10 19 18.0	-1.3
UZB	Uzbybulak	50.67 319	eP	10 21 14.1	-1.2
UZB	comp=Z,317nm,1.1s		ePP	10 26 31.4	-2.8
UZB			LR	10 41 09.7	
MAKZ	comp=Z,4um,18.3s				
MAKZ	Makanchi	50.70 324	eP	10 19 18.9	-0.4
MAKZ			Pmax		
MAKZ	comp=Z,124nm,1.6s		MLR		
MAKZ	comp=Z,33um,19.0s				
MAKZ	Makanchi	50.70 324	eP	10 19 18.9	-0.4
MAKZ	comp=Z,124nm,1.6s		LR		
MAKZ	comp=Z,3um,19.0s				
SATY	Saty	51.03 318	eP	10 19 20.9	-1.1
SATY	comp=Z,492nm,1.3s		eS	10 26 36.6	-2.6
SATY			LR	10 42 26.7	
ZHN	comp=Z,3um,17.6s				
ZHN	Zhinshike	51.06 319	eP	10 19 20.9	-1.3
ZHN	comp=Z,170nm,1.7s				
ZHN			ePP	10 21 17.6	-1.2
ZHN			eS	10 2	

6d 10h

Table with columns for name, time, score, and status. Includes entries like Lotofen, Muntele Rosu, and various other names.

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Table with columns for name, time, score, and status. Includes entries like KRUS, BIA, Resolute Bay, and various other names.

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Table with columns for name, time, score, and status. Includes entries like KHC, Kasperke Hory, GERESS Array S, and various other names.

H04A	Detroit Lake	99.98	41	PFAKE	LR	LR			
H04A	comp=2.5um,21.0s								
SENIN	Lac Senin/Sane	100.05	321	PFAKE	LR	LR			
SENIN	comp=2.7um,20.0s								
B08A	Colville Reser	100.14	37	ePdif	LR	Pdif	LR	10 24 07.4	+1.7
B08A	comp=2.2um,20.0s								
I04A	Tendick Farm, baz=294	100.20	42	P		Pdif	LR	10 24 07.5	+1.4
I04A	Hull Mountain	100.32	43	ePdif	LR	Pdif	LR	10 24 08.7	+2.1
HUMO	comp=2.4um,21.0s								
E07A	Sunny Side	100.65	39	ePdif	LR	Pdif	LR	10 24 09.8	+1.8
KMRM	Mall Ridge	100.74	46	PFAKE	LR	LR	LR	10 24 20.0	+1.1
KMRM	comp=2.6um,21.0s								
G06A	Carlson Farm,	100.74	40	PFAKE	LR	LR	LR	10 24 20.0	+1.2
G06A	comp=2.4um,20.0s								
YBH	Yreka Blue Hor	100.84	44	eP	MLR	Pdif	MLR	10 24 11.4	+2.4
YBH	comp=2.3um,20.0s								
YBH	Yreka Blue Hor	100.84	44	ePdif	LR	Pdif	LR	10 24 11.4	+2.4
YBH	comp=2.3um,20.0s								
M02C	Callahan baz=294	100.88	44	P		Pdif	LR	10 24 10.9	+1.7
F07A	Phinny Hill Vi	100.90	39	PFAKE	LR	LR	LR	10 24 20.0	+1.1
F07A	comp=2.4um,20.0s								
LBTB	Lobatsze	100.94	246	P		Pdif	LR	10 24 10.4	+0.7
LBTB	comp=2.4,2nm,0.8s,baz=99,slow=5.6,SNR=6.5								
D08A	Wollman Farm,	100.99	38	ePdif	LR	Pdif	LR	10 24 11.5	+2.1
D08A	comp=2.3um,21.0s								
BNI	Bardonecchia	101.02	320	PFAKE	LR	LR	LR	10 24 20.0	+1.0
BNI	comp=2.8um,21.0s								
C09A	Chrisman Ranch	101.03	37	PFAKE	LR	LR	LR	10 24 20.0	+1.0
C09A	comp=2.3um,20.0s								
N02D	Trinity Center	101.15	45	P		Pdif	LR	10 24 12.4	+2.0
N02D	baz=294								
EKA	Eskdalemuir Ar	101.15	332	P		Pdif	LR	10 24 09.7	-0.2
EKA	comp=2.2,8nm,0.6s,baz=224,slow=2.3,SNR=3.8								
EKA	PKKpbc								
E08A	Dider Farm, El	101.17	39	PFAKE	LR	LR	LR	10 24 20.0	+1.0
E08A	comp=2.4um,21.0s								
ESK	Eskdalemuir	101.18	332	PFAKE	LR	LR	LR	10 24 20.0	+1.0
ESK	comp=2.9um,20.0s								
J05D	Fort Rock, OR	101.19	42	P		Pdif	LR	10 24 10.7	+0.1
J05D	baz=295								
M04C	Macdoel	101.41	44	P		Pdif	LR	10 24 11.4	-0.2
M04C	baz=294								
WDC	Whiskeytown Da	101.42	45	eP	MLR	Pdif	MLR	10 24 13.1	+1.6
WDC	comp=2.4um,20.0s								
R11A	Whiskeytown Da	101.42	45	ePdif	LR	Pdif	LR	10 24 13.1	+1.6
R11A	comp=2.4um,20.0s								
NEW	Newport	101.49	36	PFAKE	LR	LR	LR	10 24 20.0	+8.3
NEW	comp=2.3um,22.0s								
VSL	Villasalto	101.50	314	PFAKE	LR	LR	LR	10 24 20.0	+8.1
VSL	comp=2.3um,22.0s								
K05A	Summer Lake	101.66	43	PFAKE	LR	LR	LR	10 24 20.0	+7.2
K05A	comp=2.4um,21.0s								
H0P5	Hopland Field	101.67	47	PFAKE	LR	LR	LR	10 24 20.0	+7.4
H0P5	comp=2.4um,20.0s								
E09A	Wood Farm, Sta	101.71	38	PFAKE	LR	LR	LR	10 24 20.0	+7.3
E09A	comp=2.4um,22.0s								
CWF	Charmwood Fore	101.75	329	PFAKE	LR	LR	LR	10 24 20.0	+7.4
CWF	comp=2.14um,19.0s								
G08A	Pilot Rock	101.78	40	ePdif	LR	Pdif	LR	10 24 15.2	+2.0
G08A	comp=2.4um,22.0s								
GDXM	Geysers	101.94	47	PFAKE	LR	LR	LR	10 24 30.0	+1.6
GDXM	comp=2.5um,21.0s								
MCCM	Marconi Conter	102.14	47	PFAKE	LR	LR	LR	10 24 30.0	+1.5
MCCM	comp=2.4um,22.0s								
SSB	Saint Sauveur	102.26	321	PFAKE	LR	LR	LR	10 24 30.0	+1.5
SSB	comp=2.6um,19.0s								
MOD	Modoc Plateau	102.40	43	ePdif	LR	Pdif	LR	10 24 17.9	+1.9
MOD	comp=2.3um,21.0s								
F10A	Beach Ranch, E	102.53	38	PFAKE	LR	LR	LR	10 24 30.0	+1.4
F10A	comp=2.4um,20.0s								
ORV	Oroville	102.56	46	PFAKE	LR	LR	LR	10 24 30.0	+1.3
ORV	comp=2.2um,20.0s								
J08A	Circle Bar Ran	102.97	41	PFAKE	LR	LR	LR	10 24 30.0	+1.2
J08A	comp=2.4um,20.0s								
KEST	Kesra	102.98	310	PFAKE	LR	LR	LR	10 24 30.0	+1.1
KEST	comp=2.4um,20.0s								
BMO	Blue Mountains	103.02	39	eP	MLR	Pdif	MLR	10 24 20.7	+2.0
BMO	comp=2.4um,22.0s								
BMO	Blue Mountains	103.02	39	ePdif	LR	Pdif	LR	10 24 20.6	+2.0
BMO	comp=2.4um,22.0s								
AFDM	Forest Hills D	103.19	46	PFAKE	LR	LR	LR	10 24 30.0	+1.1
AFDM	comp=2.3um,22.0s								
BEKR	Beckworth	103.23	45	PFAKE	LR	LR	LR	10 24 30.0	+1.0
BEKR	comp=2.4um,21.0s								
RDG13	Poverty Ridge	103.25	48	PFAKE	LR	LR	LR	10 24 30.0	+1.0
RDG13	comp=2.3um,19.0s								
WVOR	Wild Horse Val	103.28	42	eP	MLR	Pdif	MLR	10 24 21.9	+2.0
WVOR	comp=2.4um,21.0s								
WVOR	Wild Horse Val	103.28	42	ePdif	LR	Pdif	LR	10 24 21.9	+2.0
WVOR	comp=2.4um,21.0s								
JTMT	Jette	103.39	36	PFAKE	LR	LR	LR	10 24 30.0	+1.0
JTMT	comp=2.3um,21.0s								
SAO	San Andreas Ge	103.73	48	PFAKE	LR	LR	LR	10 24 30.0	+8.1
SAO	comp=2.4um,22.0s								
DSB	Dublin	103.92	331	PFAKE	LR	LR	LR	10 24 30.0	+7.7
DSB	comp=2.9um,20.0s								
PAHR	Pah Rah Range	103.98	45	ePdif	LR	Pdif	LR	10 24 25.3	+2.2
PAHR	comp=2.3um,21.0s								
CMB	Columbia Colle	103.98	47	eP	MLR	Pdif	MLR	10 24 25.7	+2.7
CMB	comp=2.3um,21.0s								
CMB	Columbia Colle	103.98	47	ePdif	LR	Pdif	LR	10 24 25.6	+2.7
CMB	comp=2.3um,21.0s								
PNTR	Pine Nut	104.10	46	PFAKE	LR	LR	LR	10 24 40.0	+1.6
PNTR	comp=2.3um,20.0s								
YERR	Yerington	104.39	45	PFAKE	LR	LR	LR	10 24 40.0	+1.5
YERR	comp=2.3um,20.0s								
PMPB	Monarch Peak	104.42	49	PFAKE	LR	LR	LR	10 24 40.0	+1.5
PMPB	comp=2.5um,19.0s								
WAKR	Walker	104.46	46	PFAKE	LR	LR	LR	10 24 40.0	+1.5
WAKR	comp=2.4um,22.0s								
MFID	Camas Ranch	104.64	40	ePdif	LR	Pdif	LR	10 24 28.2	+2.3
MFID	comp=2.3um,20.0s								
RKT	Rikitea	104.65	111	eSKSac	SKSac	SKSac	SKSac	10 35 07.3	+0.7
RKT	comp=2.1um,28.2s								

RKT	comp=2.992nm,27.2s			eS	Sdif	LR	LR	10 36 15.4	-3.9
RKT	Rikitea	104.65	111	ePS	PS	PS	PS	10 37 53.1	-6.5
RKT	comp=2.5um,28.0s			eSS	SS	SS	SS	10 43 37.6	-0.7
RKT	comp=2.2um,29.8s			eLQ	LQ	LQ	LQ	10 54 23.5	
RKT	Rikitea	104.65	111	eLQ	LQ	LQ	LQ	10 54 23.5	
RKT	comp=2.6um,33.8s			eLR	LR	LR	LR	10 58 39.9	
RKT	comp=2.15um,28.5s,baz=278			eLR	LR	LR	LR	10 58 39.9	
RYN	Ryan	105.05	46	PFAKE	LR	LR	LR	10 28 50.0	
RYN	comp=2.4um,22.0s								
MDPB	Devils Postpil	105.09	47	PFAKE	LR	LR	LR	10 29 00.0	
MDPB	comp=2.3um,20.0s								
BMN	Battle Mountai	105.14	43	PFAKE	LR	LR	LR	10 28 50.0	
BMN	comp=2.3um,20.0s								
KVN	Kaiserville	105.16	45	PFAKE	LR	LR	LR	10 29 00.0	
KVN	comp=2.3um,22.0s								
NV01	Mina Array Sit	105.30	46	ePdif	LR	Pdif	LR	10 24 30.4	+1.4
NV01	Flin Flon	105.30	25	PFAKE	LR	LR	LR	10 28 50.0	
NV01	comp=2.2um,20.0s								
HLID	Hailey	105.46	40	ePdif	LR	Pdif	LR	10 24 32.2	+2.5
HLID	comp=2.4um,22.0s								
SUR	Sutherland	105.64	239	PFAKE	LR	LR	LR	10 29 00.0	
SUR	comp=2.4um,21.0s								
DLMT	Dillon	105.64	37	ePdif	LR	Pdif	LR	10 24 32.3	+1.9
DLMT	Eagleton	105.79	34	PFAKE	LR	PKIKP	PKIKP	10 28 45.2	+1.6
DLMT	baz=905								
EGMT	Eagleton	105.79	34	PFAKE	LR	LR	LR	10 29 00.0	
EGMT	comp=2.2um,19.0s								
BOZ	Bozeman (W)	106.09	37	PFAKE	LR	LR	LR	10 29 00.0	
BOZ	comp=2.2um,20.0s								
ISA	Isabella, Lake	106.37	48	PFAKE	LR	LR	LR	10 29 00.0	
ISA	comp=2.4um,20.0s								
OSI	Ostio Audit: C	106.63	49	PFAKE	LR	LR	LR	10 29 00.0	
OSI	comp=2.4um,19.0s								
DAC	Darwin (Caif)	106.75	47	PFAKE	LR	LR	LR	10 29 00.0	
DAC	comp=2.3um,20.0s								
MPMC	Manual Prospec	106.92	48	P		PKIKP	PKIKP	10 28 48.0	+1.7
MPMC	baz=296								
YMR	Madison River	106.99	37	PFAKE	LR	LR	LR	10 29 00.0	
YMR	comp=2.3um,20.0s								
EDW2	Edwards Air Fo	107.06	49	P		PKIKP	PKIKP	10 28 48.4	+2.1
EDW2	baz=295								
YFT	Old Faithful	107.19	37	PFAKE	LR	LR	LR	10 29 00.0	
YFT	comp=2.4um,20.0s								
PASC	Pasadena Art C	107.22	50	PFAKE	LR	LR	LR	10 29 00.0	
PASC	comp=2.4um,20.0s								
R11A	Troy Canyon, C	107.23	45	PFAKE	LR	LR	LR	10 29 00.0	
R11A	comp=2.3um,21.0s								
MWC	Mount Wilson	107.29	50	PFAKE	LR	LR	LR	10 29 00.0	
MWC	comp=2.4um,19.0s								
YPP	Pitchstone Pla	107.30	37	PFAKE	LR	LR	LR	10 29 00.0	
YPP	comp=2.4um,20.0s								
HVU	Hansel Valley	107.41	41	PFAKE					

6d 10h

2012 FEB

SDCO	Great Sand Dun	114.31	41	P	PKPdf	10 29 01.5	+1.2
SDCO	Great Sand Dun	114.31	41	PFAKE	LR	10 29 10.0	+1.0
PNCL	Nicoulu / Gran	114.34	320	ePP	PP	10 30 02.3	+7.3
LIS	Lisbon	114.37	321	ePKPdf	AMS	10 29 02.8	+2.9
LIS	Lisbon	114.37	321	ePKPdf	AMS	11 19 48.3	
LIS	Lisbon	114.37	321	ePKIKP	PKPdf	10 29 02.8	+2.9
PMST	Lisbon-Monsan	114.38	321	ePP	PP	10 30 03.0	+7.8
PBDV	Barranco-do-Ve	114.46	319	ePP	PP	10 30 03.4	+7.5
OGNE	Ogallala	114.48	36	PFAKE	LR	10 29 10.0	+1.0
E35A	Pequot Lakes	114.53	28	P	PKPdf	10 29 00.4	+0.4
G33A	Ortonville	114.58	30	P	PKPdf	10 29 00.9	+0.7
EYMN	Ely	114.73	25	PFAKE	LR	10 29 10.0	+1.0
MORF	Marmelete	114.89	319	ePKPdf	PKPdf	10 29 03.8	+2.8
MORF	Marmelete	114.89	319	ePP	AMS	10 30 02.6	+3.6
MORF	Marmelete	114.89	319	ePKIKP	PKPdf	11 25 33.2	
MORF	Marmelete	114.89	319	ePP	PP	10 30 07.4	+8.4
MORF	Marmelete	114.89	319	ePKIKP	PKPdf	10 29 03.8	+2.7
MORF	Marmelete	114.89	319	ePKIKP	PKPdf	10 30 02.5	
SCHFO	Schefferville	114.97	6	ePK	PKPdf	10 28 59.7	-0.9
F35A	Swanville	114.98	28	P	PKPdf	10 29 01.3	+0.4
HSIG	HSIG	115.04	52	PFAKE	LR	10 29 10.0	+8.5
PFVI	Vila Bisbo	115.10	319	ePP	PP	10 30 07.7	+7.3
PFVI	Vila Bisbo	115.10	319	PFAKE	LR	10 29 10.0	+8.6
319A	Douglas	115.15	49	PFAKE	LR	10 29 10.0	+8.2
319A	Douglas	115.15	49	PFAKE	LR	10 29 10.0	+8.2
MHTCO	Parkston	115.16	32	P	PKPdf	10 29 01.3	-0.1
J32A	State Highway	115.19	41	ePKIKP	PKPdf	10 29 03.6	+1.7
K31A	O'Neill	115.20	33	P	PKPdf	10 29 01.6	+0.1
ANMO	Albuquerque	115.27	44	P	PKPdf	10 29 01.3	-0.8
ANMO	Albuquerque	115.27	44	ePKIKP	PKPdf	10 29 01.9	-0.2
ANMO	Albuquerque	115.27	44	ePKIKP	PKPdf	10 29 01.9	-0.2
ANMO	Albuquerque	115.27	44	ePKIKP	PKPdf	10 29 01.9	-0.2
KSCO	Kaye Shedlock	115.34	38	PFAKE	LR	10 29 10.0	+8.0
T25A	Trinidad	115.37	41	P	PKPdf	10 29 02.8	+0.6
T25A	Trinidad	115.37	41	ePKIKP	PKPdf	10 29 02.4	+0.2
Y22D	IRIS PASCAL I	115.43	45	PFAKE	LR	10 29 10.0	+7.7
F36A	Milaca	115.46	28	P	PKPdf	10 29 01.8	0.0
G35A	Watkins	115.50	29	P	PKPdf	10 29 02.4	+0.5
ECS5D	EROS Data Cent	115.54	31	P	PKPdf	10 29 01.7	-0.4
ECS5D	EROS Data Cent	115.54	31	ePKPdf	PKPdf	10 29 03.0	+0.9
RTC	Rabat Centre	115.56	315	PFAKE	LR	10 29 10.0	+7.6
K32A	Verdigris	115.59	33	P	PKPdf	10 29 01.8	-0.4
121A	Cookes Peak, D	115.65	47	P	PKPdf	10 29 04.3	+1.5
J33A	Davis	115.66	31	P	PKPdf	10 29 03.0	+0.6
I34A	Hadley	115.70	30	P	PKPdf	10 29 03.4	+1.0
H35A	Sunnyside Ranc	115.72	29	P	PKPdf	10 29 02.9	+0.5
F37A	Hirshys Farm,	115.97	27	P	PKPdf	10 29 03.3	+0.5
J34A	George	116.19	31	P	PKPdf	10 29 02.6	-0.8
H36A	Jessenland, He	116.24	29	P	PKPdf	10 29 04.2	+0.8
BGNE	Belgrade	116.36	34	P	PKPdf	10 29 04.0	+0.2
BGNE	Belgrade	116.36	34	ePKPdf	PKPdf	10 29 04.5	+0.7
E39A	Mellen	116.36	25	P	PKPdf	10 29 03.6	0.0
K34A	Le Mars	116.56	31	P	PKPdf	10 29 04.3	+0.3
F39A	Loretta	116.57	26	P	PKPdf	10 29 04.3	+0.3
G38A	Ridgeland	116.74	27	P	PKPdf	10 29 04.3	0.0
F40A	Park Falls	116.91	25	P	PKPdf	10 29 05.5	+0.8
I37A	Lemond, Waseca	116.91	29	P	PKPdf	10 29 05.0	+0.3
L34A	Svensden Farm,	116.92	32	P	PKPdf	10 29 05.6	+0.8
H38A	Maiden Rock	116.93	28	P	PKPdf	10 29 05.7	+1.0
G39A	Holcombe	116.96	27	P	PKPdf	10 29 05.2	+0.5
EPT	El Paso	116.97	47	PFAKE	LR	10 29 20.0	+1.5
K35A	Storm Lake	116.97	31	P	PKPdf	10 29 05.1	+0.2
C36A	Seneca 1, Swea	116.97	30	P	PKPdf	10 29 04.7	-0.1
COWI	Conover	117.18	25	PFAKE	LR	10 29 20.0	+1.5
CBKS	Cedar Bluff	117.20	37	PFAKE	LR	10 29 20.0	+1.5
L35A	Bielow Farm, R	117.25	32	P	PKPdf	10 29 05.1	-0.3
J37A	Redenius Farm,	117.37	29	P	PKPdf	10 29 05.2	-0.5
H39A	Augusta	117.38	27	P	PKPdf	10 29 05.2	-0.4
G40A	Rib Lake	117.39	26	P	PKPdf	10 29 06.1	+0.4
I38A	Scanlan Farm,	117.39	28	P	PKPdf	10 29 06.2	+0.6
K36A	Gilmore City	117.42	30	P	PKPdf	10 29 06.3	+0.6
TOC2	Torodi Ar. Sit	117.53	290	PFAKE	LR	10 29 20.0	+1.3
TOC3	Torodi Ar. Sit	117.53	290	PFAKE	LR	10 29 20.0	+1.3
TOC1	Torodi Ar. Sit	117.54	290	PFAKE	LR	10 29 20.0	+1.3
TOB2	Torodi Ar. Sit	117.54	290	PFAKE	LR	10 29 20.0	+1.3
TOB3	Torodi Ar. Sit	117.55	290	PFAKE	LR	10 29 20.0	+1.3
TOA0	Torodi Ar. Sit	117.56	290	ePKPdf	PKPdf	10 29 04.9	-1.8
TORD	Torodi Ar. Bea	117.56	290	PKP	PKPdf	10 29 05.5	-1.2
TORD	Torodi Ar. Bea	117.56	290	ePKPdf	PKP	10 39 27.7	-0.9

TOA1	Torodi Ar. Sit	117.56	290	ePKPdf	PKP	10 29 05.5	-1.2
TOA1	Torodi Ar. Sit	117.56	290	ePKPdf	PKP	10 39 27.7	-0.9
TOC4	Torodi Ar. Sit	117.56	290	PFAKE	LR	10 29 20.0	+1.3
TOC7	Torodi Ar. Sit	117.56	290	PFAKE	LR	10 29 20.0	+1.3
TOB5	Torodi Ar. Sit	117.57	290	PFAKE	LR	10 29 20.0	+1.3
TOB4	Torodi Ar. Sit	117.57	290	PFAKE	LR	10 29 20.0	+1.3
TOC5	Torodi Ar. Sit	117.58	290	PFAKE	LR	10 29 20.0	+1.3
TOC6	Torodi Ar. Sit	117.58	290	PFAKE	LR	10 29 20.0	+1.3
O33A	Hebron	117.59	34	P	PKPdf	10 29 05.1	-1.1
M35A	Neola	117.64	32	P	PKPdf	10 29 05.5	-0.7
L36A	Harm Buss Farm	117.71	31	P	PKPdf	10 29 06.3	+0.1
K37A	Belmond	117.73	30	P	PKPdf	10 29 05.9	-0.5
MNTX	Cornudas Mount	117.81	46	P	PKPdf	10 29 07.9	+1.1
MNTX	Cornudas Mount	117.81	46	ePKPdf	PKPdf	10 29 08.0	+1.2
H40A	Chil	117.82	27	P	PKPdf	10 29 06.7	+0.3
O34A	Beatrice	118.01	34	P	PKPdf	10 29 07.3	+0.4
H41A	Junction City	118.15	26	P	PKPdf	10 29 07.5	+0.4
G42A	Mountain	118.16	25	P	PKPdf	10 29 07.9	+0.8
J39A	Decorar	118.23	28	P	PKPdf	10 29 06.8	-0.5
SLBS	Sierra La Lagu	118.29	56	PFAKE	LR	10 29 20.0	+1.2
MSTX	Muleshoe	118.32	43	P	PKPdf	10 29 08.3	+0.5
MSTX	Muleshoe	118.32	43	ePKPdf	PKPdf	10 29 08.9	+1.1
P34A	Walnut Farm, R	118.38	34	P	PKPdf	10 29 07.7	0.0
AMTX	Amarillo	118.49	41	PFAKE	LR	10 29 20.0	+1.2
N36A	Muff Farm, Cla	118.49	32	P	PKPdf	10 29 08.0	+0.2
L38A	Oak Wood Farm,	118.53	30	P	PKPdf	10 29 07.7	-0.1
SCIA	State Center	118.58	30	P	PKPdf	10 29 08.5	+0.6
SCIA	State Center	118.58	30	ePKPdf	PKPdf	10 29 08.9	+1.0
K39A	Olwein	118.62	29	P	PKPdf	10 29 06.8	-1.2
J40A	Soldiers Grove	118.62	28	P	PKPdf	10 29 08.1	+0.1
K34A	Chapman	118.75	35	P	PKPdf	10 29 08.4	0.0
Q3U1	Kansas State U	118.81	35	P	PKPdf	10 29 08.5	0.0
KSU1	Kansas State U	118.81	35	ePKPdf	PKPdf	10 29 09.0	+0.5
P35A	Duane Minner,	118.84	34	P	PKPdf	10 29 09.1	+0.5
N37A	Lee Faris, Mou	118.92	32	P	PKPdf	10 29 08.8	+0.2
M38A	Pleasantville	118.95	31	P	PKPdf	10 29 09.3	+0.6
J41A	Loganville	118.98	27	P	PKPdf	10 29 08.9	+0.2
O36A	Bolckow	118.98	33	P	PKPdf	10 29 09.3	+0.5
K40A	Colesburg	118.98	28	P	PKPdf	10 29 09.9	+0.2
R34A	Isabella, Hill	119.00	36	P	PKPdf	10 29 09.6	+0.7
L39A	Vinton	119.01	29	P	PKPdf	10 29 08.5	-0.3
I42A	Draeger Farm,	119.05	26	P	PKPdf	10 29 09.2	+0.4
P36A	Good Intent, A	119.22	33	P	PKPdf	10 29 09.0	-0.2
JFWS	Jewell Farm	119.23	28	P	PKPdf	10 29 09.1	-0.1
JFWS	Jewell Farm	119.23	28	ePKIKP	PKPdf	10 29 09.1	-0.1
JFWS	Jewell Farm	119.23	28	ePKPdf	PKPdf	10 29 09.1	-0.1
U32A	Winter Ranch,	119.23	38	P	PKPdf	10 29 09.2	-0.2
Q35A	Mercer Eighty,	119.30	34	P	PKPdf	10 29 08.5	-0.9
O37A	Wolven Farm, M	119.39	32	P	PKPdf	10 29 09.6	0.0
N38A	Joess South For	119.40	31	P	PKPdf	10 29 09.8	+0.2
M39A	Webster	119.42	30	P	PKPdf	10 29 09.2	-0.3
L40A	Anamosa	119.43	29	P	PKPdf	10 29 09.4	-0.2
K41A	Shullsburg	119.44	28	P	PKPdf	10 29 08.7	-0.9
S34A	Willow Spring	119.48	36	P	PKPdf	10 29 10.8	+0.9
Q36A	Arnold C. Orve	119.54	34	P	PKPdf	10 29 10.5	+0.5
P37A	Lathrop	119.70	33	P	PKPdf	10 29 09.8	-0.4
N39A	Derby Farms, D	119.71	31	P	PKPdf	10 29 09.9	-0.2
K42A	Prairie Point,	119.74	27	P	PKPdf	10 29 09.6	-0.6
M40A	Post Highland	119.80	30	P	PKPdf	10 29 10.0	-0.3
T34A	McCleary Farm	119.90	37	P	PKPdf	10 29 09.8	-0.8
S35A	Otter Creek Ra	119.95	36	P	PKPdf	10 29 11.5	+0.8
R36A	Gordon, Harris	119.97	35	P	PKPdf	10 29 10.9	+0.1
P38A	Dawn	120.11	32	P	PKPdf	10 29 10.4	-0.5
HPIG	HPIG	120.13	51	ePKPdf	PKPdf	10 29 12.8	+1.1
O39A	Kirkville	120.15	31	P	PKPdf	10 29 10.9	-0.1
Q37A	Longview Farm,	120.16	33	P	PKPdf	10 29 11.0	-0.1
N40A	Mertquake, Sal	120.16	30	P	PKPdf	10 29 09.9	-1.2
L42A	Oliver, Polo	120.21	28	P	PKPdf	10 29 11.1	+0.1
M41A	Milan	120.29	29	P	PKPdf	10 29 10.9	-0.4
S36A	Lake Cedric, C	120.34	35	P	PKPdf	10 29 11.1	-0.4
TX31	Wlatas Ar. Si	120.35	48	ePKPdf	PKPdf	10 29 11.5	-0.3
TXAR	Lajitas Array	120.35	48	PKP	PKP	10 29 12.2	+0.4
TXAR	Lajitas Array	120.35	48	ePKPdf	PKP	10 39 17.1	-1.8
R37A	Teagarden Farm	120.35	34	P	PKPdf	10 29 10.9	-0.6
T35A	Sooner Cattle	120.37	36	P	PKPdf	10 29 12.3	+0.7
WMOK	Wichita Mounta	120.44	40	P	PKPdf	10 29 11.7	-0.1

WMOK	Wichita Mounta	120.44	40	ePKIKP	PKPdf	10 29 12.1	+0.3
WMOK	Wichita Mounta	120.44	40	ePKPdf	PKPdf	10 29 12.1	+0.3
L43A	Garden Prairie	120.49	27	P	PKPdf	10 29 11.8	+0.2
Q38A	Cookes Store, C	120.54	33	P	PKPdf	10 29 11.7	-0.1
O40A	La Belle	120.59	31	P	PKPdf	10 29 11.6	-0.2
U35A	Pawnee	120.61	37	P	PKPdf	10 29 11.6	-0.5
U35A	Pawnee	120.61	37	ePKPdf	PKPdf	10 29 12.4	+0.4
P39B	Salisbury	120.61	32	P	PKPdf	10 29 11.8	-0.1
T							

Q3A4	New Douglas	122.58	30	P	PKPpdf	10 29 15.9	+0.2
X37A	Clayton	122.63	38	P	PKPpdf	10 29 16.3	+0.3
X37A	Clayton	122.63	38	ePKPpdf	LR	10 29 16.8	+0.8
SFIN	Lafayette	122.67	27	P	PKPpdf	10 29 15.3	-0.6
SFIN	Lafayette	122.67	27	ePKPpdf	LR	10 29 16.3	+0.5
P44A	Sand Creek, WI	122.69	29	P	PKPpdf	10 29 15.5	-0.4
V39A	Pettigrew	122.77	35	P	PKPpdf	10 29 15.7	-0.6
W38A	Poteau	122.81	37	P	PKPpdf	10 29 16.0	-0.2
X40A	Yellville	122.85	34	P	PKPpdf	10 29 15.0	-1.3
U38A	Whitesboro	122.90	37	P	PKPpdf	10 29 15.4	-1.1
S42A	Caledonia	122.92	32	P	PKPpdf	10 29 14.9	-1.6
FVM	French Village	122.94	31	ePKIKP	MLR	10 29 17.3	+0.8
FVM	French Village	122.94	31	ePKPpdf	LR	10 29 17.2	+0.8
T41A	Mountain View	122.94	33	P	PKPpdf	10 29 16.3	-0.2
R43A	Red Bud	122.97	31	P	PKPpdf	10 29 16.4	-0.1
WHTX	Lake Whitney	123.05	41	P	PKPpdf	10 29 16.8	0.0
WHTX	Lake Whitney	123.05	41	ePKPpdf	LR	10 29 17.9	+1.1
P45A	Graceland, Par	123.06	28	P	PKPpdf	10 29 16.7	+0.1
W39A	Magazine	123.15	36	P	PKPpdf	10 29 17.1	+0.2
PMOZ	Porto Moniz, M	123.15	320	ePP	PP	10 31 01.1	+5.0
PMOZ	Porto Moniz, M	123.15	320	eLR	LR	11 09 57.4	
O47A	Shoridan	123.20	27	P	PKPpdf	10 29 16.7	-0.2
P46A	Rosedale	123.23	28	P	PKPpdf	10 29 16.5	-0.5
V40A	Witte Springs	123.26	35	P	PKPpdf	10 29 16.4	-0.8
T42A	Van Buren	123.31	33	P	PKPpdf	10 29 16.7	-0.5
Q45A	Warren Harvey	123.36	29	P	PKPpdf	10 29 17.2	-0.1
U14A	Viola	123.37	34	P	PKPpdf	10 29 16.4	-0.9
LONY	Lake Ozonia	123.41	15	PFAKE	LR	10 29 30.0	+1.3
R44A	Waltonville	123.42	30	P	PKPpdf	10 29 16.5	-0.9
S43A	Fulton Ridge	123.44	31	P	PKPpdf	10 29 16.5	-0.9
X39A	Fountain Ranch	123.44	37	P	PKPpdf	10 29 17.1	-0.4
FRNY	Flat Rock	123.45	14	PFAKE	LR	10 29 30.0	+1.3
OLIL	Olney	123.52	29	ePKPpdf	LR	10 29 18.4	+0.9
W40A	Ferguson Farm	123.56	36	P	PKPpdf	10 29 17.3	-0.4
W40A	Ferguson Farm	123.56	36	ePKPpdf	LR	10 29 18.7	+1.0
V41A	Mountainview	123.65	34	P	PKPpdf	10 29 17.0	-1.0
T43A	Greenville	123.70	32	P	PKPpdf	10 29 17.2	-0.8
MIAR	Mount Ida	123.73	36	P	PKPpdf	10 29 17.7	-0.4
MIAR	Mount Ida	123.73	36	ePKIKP	MLR	10 29 18.6	+0.5
MIAR	Mount Ida	123.73	36	ePKPpdf	LR	10 29 18.6	+0.5
435B	Jarrell	123.73	43	P	PKPpdf	10 29 19.5	+1.3
U42A	Reviden	123.74	33	P	PKPpdf	10 29 17.3	-0.8
S44A	Carbondale	123.76	31	P	PKPpdf	10 29 18.5	+0.4
SIUC	Southern Illin	123.76	31	ePKPpdf	LR	10 29 19.2	+1.2
P47A	Martinsville	123.77	27	P	PKPpdf	10 29 17.5	-0.5
R45A	Skylar, Fairf	123.78	30	P	PKPpdf	10 29 18.1	+0.1
PBMO	Poplar Bluff	123.85	32	ePKPpdf	LR	10 29 18.1	-0.1
BLO	Bloomington	123.91	28	ePKIKP	MLR	10 29 18.6	+0.3
BLO	Bloomington	123.91	28	ePKPpdf	LR	10 29 18.6	+0.3
X301	Greenbrier Sit	123.91	35	PFAKE	LR	10 29 30.0	+1.2
PKME	Peaks-Kenny Pk	123.95	11	PFAKE	LR	10 29 30.0	+1.2
833A	Chapparral WMA	124.00	46	P	PKPpdf	10 29 19.3	+0.6
W41B	Gary Mavity, V	124.04	35	P	PKPpdf	10 29 18.8	+0.1
ERPA	Erie	124.05	21	P	PKPpdf	10 29 18.7	+0.2
ERPA	Erie	124.05	21	PFAKE	LR	10 29 30.0	+1.2
T44A	Benton	124.06	31	P	PKPpdf	10 29 18.6	0.0
V42A	Cord	124.06	34	P	PKPpdf	10 29 18.1	-0.5
NCB	Newcomb	124.10	15	PFAKE	LR	10 29 30.0	+1.1
S45A	Carrier Mills	124.11	30	P	PKPpdf	10 29 18.6	-0.1
U43A	Bedord North L	124.14	28	P	PKPpdf	10 29 18.8	0.0
Q47A	Reclor	124.17	33	P	PKPpdf	10 29 18.2	-0.6
MMNV	Mt. Morris Dam	124.19	19	PFAKE	LR	10 29 30.0	+1.1
UALR	University of	124.28	35	ePKPpdf	LR	10 29 19.6	+0.5
UALR	University of	124.28	37	P	PKPpdf	10 29 19.5	+0.4
Y45A	Okolona	124.28	31	P	PKPpdf	10 29 19.8	+0.7
PARMO	Parma	124.29	32	ePKPpdf	LR	10 29 19.8	+0.7
USIN	University of	124.33	29	PFAKE	LR	10 29 30.0	+1.1
X41A	Kaden, Bauxite	124.38	36	P	PKPpdf	10 29 19.7	+0.4
ALLY	Alegheny Colle	124.40	21	PFAKE	LR	10 29 30.0	+1.1
PVMO	Portageville	124.51	32	PFAKE	LR	10 29 30.0	+1.1
ACSO	Alum Creek Sta	124.55	24	P	PKPpdf	10 29 17.9	-1.6
ACSO	Alum Creek Sta	124.55	24	ePKPpdf	LR	10 29 19.8	+0.3
WLAR	White Oak Lake	124.61	37	ePKPpdf	LR	10 29 20.9	+1.2
R47A	Woody Knot Far	124.61	28	P	PKPpdf	10 29 18.3	-1.3
ZAIG	Zacatecas	124.68	53	ePKPpdf	LR	10 29 22.9	+2.3
ZAIG	Zacatecas	124.68	53	ePKPpdf	LR	10 29 22.9	+2.3

GNAR	Gosnell	124.68	33	ePKPpdf	LR	10 29 20.9	+1.1
M54A	Oil Creek Stat	124.70	21	P	PKPpdf	10 29 19.0	-0.8
M54A	Oil Creek Stat	124.70	21	ePKPpdf	LR	10 29 19.6	-0.1
Z40A	Long Farm, Mag	124.73	37	P	PKPpdf	10 29 21.3	+1.3
Y41A	Eagletie Beard	124.76	36	P	PKPpdf	10 29 20.8	+0.8
WCI	Wyandotte Cave	124.77	28	P	PKPpdf	10 29 19.1	-0.9
WCI	Wyandotte Cave	124.77	28	ePKIKP	MLR	10 29 20.3	+0.3
WCI	Wyandotte Cave	124.77	28	ePKPpdf	LR	10 29 20.3	+0.3
ACCN	Adirondack Com	124.79	15	PFAKE	LR	10 29 30.0	+1.0
EMMW	East Machias	124.80	9	PFAKE	LR	10 29 30.0	+1.0
R48A	Northridge Ran	124.83	28	P	PKPpdf	10 29 20.0	-0.1
GLAT	Glass	124.84	32	PFAKE	LR	10 29 30.0	+1.0
T46A	Princeton	124.95	30	P	PKPpdf	10 29 20.2	-0.1
NATX	Nacogdoches	124.99	40	P	PKPpdf	10 29 21.7	+1.1
NATX	Nacogdoches	124.99	40	PFAKE	LR	10 29 30.0	+9.4
140A	Cam and Jess,	125.06	38	P	PKPpdf	10 29 20.9	+0.2
N54A	Moraine State	125.06	21	P	PKPpdf	10 29 20.5	0.0
N54A	Moraine State	125.06	21	PFAKE	LR	10 29 30.0	+1.0
HALT	Halls	125.08	32	PFAKE	LR	10 29 30.0	+9.4
Z41A	Richland Creek	125.09	37	P	PKPpdf	10 29 21.3	+0.6
CCAR	Cane Creek	125.22	36	PFAKE	LR	10 29 30.0	+9.1
BINY	Binghamton	125.26	17	P	PKPpdf	10 29 21.2	+0.4
BINY	Binghamton	125.26	17	ePKPpdf	LR	10 29 21.9	+1.0
U46A	Springville	125.34	31	P	PKPpdf	10 29 20.5	-0.5
S48A	Wiedeman Farm,	125.34	28	P	PKPpdf	10 29 20.5	-0.5
MET	Memphis-Engin	125.36	33	PFAKE	LR	10 29 30.0	+8.8
T47A	Sharon Grove	125.38	30	P	PKPpdf	10 29 21.5	+0.4
V45A	Humboldt	125.41	32	P	PKPpdf	10 29 21.9	+0.7
Z42A	Norrel Spur, H	125.58	36	P	PKPpdf	10 29 22.3	+0.6
T48A	Bowling Green	125.62	29	P	PKPpdf	10 29 21.6	0.0
KIC	Kosan Boka	125.66	285	ePKP1	PKPpdf	10 29 22.3	0.0
DBIC	Dimbokro	125.68	286	PKP	PKPpdf	10 29 22.5	+0.2
DBIC	Dimbokro	125.68	286	ePKPpdf	LR	10 29 23.1	+0.8
WWT	Waverly	125.69	31	P	PKPpdf	10 29 21.6	-0.2
WWT	Waverly	125.69	31	ePKIKP	MLR	10 29 21.6	-0.2
WWT	Waverly	125.69	31	ePKPpdf	LR	10 29 21.6	-0.2
Y43A	Makayla and Ka	125.71	35	P	PKPpdf	10 29 23.2	+1.3
X44A	Crenshaw	125.71	34	P	PKPpdf	10 29 21.4	-0.4
U47A	Clarksville	125.72	30	P	PKPpdf	10 29 21.7	-0.2
V46A	Holladay	125.80	31	P	PKPpdf	10 29 21.3	-0.7
TIC	Tomoditi	125.84	286	ePKP1	PKPpdf	10 29 22.7	0.0
241A	Mo Tay, Goldon	125.89	38	P	PKPpdf	10 29 23.4	+1.1
LNLG	Linare	125.92	49	ePKPpdf	LR	10 29 23.2	+0.7
LIC	Lamto	125.97	285	ePKP1	PKPpdf	10 29 23.3	+0.4
U48A	Cassie Pea, Po	126.03	30	P	PKPpdf	10 29 22.5	+0.1
Y44A	Strider, Charl	126.07	34	P	PKPpdf	10 29 23.2	+0.6
SSPA	Standing Stone	126.08	20	P	PKPpdf	10 29 22.5	+0.1
SSPA	Standing Stone	126.08	20	ePKPpdf	LR	10 29 23.5	+1.1
V47A	Nunnely	126.08	31	P	PKPpdf	10 29 23.0	+0.5
OXF	Oxford	126.10	33	P	PKPpdf	10 29 23.4	+0.8
OXF	Oxford	126.10	33	ePKIKP	MLR	10 29 23.2	+0.6
OXF	Oxford	126.10	33	ePKPpdf	LR	10 29 23.2	+0.6
HRV	Adam Dzewonsk	126.13	13	PFAKE	LR	10 29 30.0	+7.6
X45A	UM Field Stati	126.18	33	P	PKPpdf	10 29 23.2	+0.5
O56A	Blue Knob Stat	126.18	21	P	PKPpdf	10 29 23.9	+1.3
W46A	Michie	126.18	32	P	PKPpdf	10 29 23.1	+0.4
341A	Kurthwood	126.21	39	P	PKPpdf	10 29 24.0	+1.1
143A	Socs Landing,	126.31	36	P	PKPpdf	10 29 23.5	+0.5
Z44A	Pea Ridge, Bel	126.45	35	P	PKPpdf	10 29 24.4	+1.1
PLAL	Pickwick Lake	126.45	32	ePKPpdf	LR	10 29 23.7	+0.4
W47A	Westpoint	126.50	31	P	PKPpdf	10 29 23.3	-0.1
N59A	Star Game Lan	126.50	18	P	PKPpdf	10 29 23.5	+0.2
N59A	State Game Lan	126.50	18	ePKPpdf	LR	10 29 24.9	+1.6
V48A	Smith Brothers	126.50	30	P	PKPpdf	10 29 23.7	+0.3
Y45A	Yeager Farm, C	126.52	34	P	PKPpdf	10 29 24.5	+1.1
ODNJ	Orensburg	126.69	17	ePKPpdf	LR	10 29 25.2	+1.7
Z45A	Winona	126.80	35	P	PKPpdf	10 29 25.1	+1.1
Y46A	Houston	126.88	33	P	PKPpdf	10 29 24.6	+0.5
LUPA	Lehigh Unvers	126.91	18	PFAKE	LR	10 29 40.0	+1.6
W48A	Pulaski	126.92	31	P	PKPpdf	10 29 24.4	+0.2
YLE	Yale	126.92	15	PFAKE	LR	10 29 40.0	+1.6
X47A	Russellville	126.93	32	P	PKPpdf	10 29 23.8	-0.4
PAL	Palisades	126.95	16	P	PKPpdf	10 29 24.4	+0.4
PAL	Palisades	126.95	16	PFAKE	LR	10 29 40.0	+1.6

MVL	Millersville	127.16	19	ePKPpdf	LR	10 29 25.3	+0.8
VBMS	Vicksburg	127.18	36	P	PKPpdf	10 29 26.4	+1.6
VBMS	Vicksburg	127.18	36	PFAKE	LR	10 29 40.0	+1.5
Z44A	Avery, Jackson	127.20	36	P	PKPpdf	10 29 26.3	+1.5
MOIG	Morelia	127.34	56	PFAKE	LR	10 29 40.0	+1.4
Z46A	Louisville	127.35	34	P	PKPpdf	10 29 26.0	+1.0
SWET	Sewanee	127.36	30	ePKPpdf	LR	10 29 25.7	+0.6
X48A	Hartselle	127.40	32	P	PKPpdf	10 29 24.7	-0.4
Y47A	UCPARC, Winfie	127.40	33	P	PKPpdf	10 29 24.9	-0.2
TZTN	Tazewell	127.41	27	P	PKPpdf	10 29 26.0	+1.0
TZTN	Tazewell	127.41	27	ePKPpdf	LR	10 29 26.3	+1.2
JRQG	Juriquilla Cam	127.43	54	PFAKE	LR	10 29 40.0	+1.4
PSUB	Penn St. - Bra	127.50	18				

Y45A	baz=181 Yeager Farm, C	18.97 355	P	Pn	10 34 47.0 +0.5
Y50A	baz=174 Piedmont	19.00 5	P	Pn	10 34 47.4 +0.4
Z40A	baz=185 Long Farm, Mag	19.02 345	P	Pn	10 34 47.8 +0.7
JCT	baz=162 Junction City	19.11 326	P	Pn	10 34 48.8 +0.6
JCT	baz=142 Junction City	19.11 326	eP	Pn	10 34 49.1 +0.9
WHTX	comp=N,8.9nm,1.1s Lake Whitney,	19.23 334	P	Pn	10 34 50.1 +0.4
WHTX	baz=150 Lake Whitney,	19.23 334	eP	Pn	10 34 50.2 +0.6
CSU	comp=N,19nm,0.9s Charleston Sou	19.30 20	eP	P	10 34 49.4 -0.1
WLAR	White Oak Lake	19.36 346	eP	Pn	10 34 51.8 +0.6
NHSC	comp=N,27nm,1.2s New Hope	19.38 19	P	P	10 34 51.1 +0.8
X48A	baz=202 Hartselle	19.49 2	P	P	10 34 52.3 +0.7
X45A	baz=181 UM Field Stati	19.52 356	P	P	10 34 52.5 +0.7
X47A	baz=175 Russellville	19.55 360	P	P	10 34 52.7 +0.4
X50A	baz=179 Fort Payne	19.58 5	P	P	10 34 53.0 +0.4
X49A	baz=184 Woodville	19.58 3	P	P	10 34 53.0 +0.4
OXF	baz=184 Oxford	19.61 356	P	P	10 34 53.3 +0.5
OXF	baz=175 Oxford	19.61 356	eP	P	10 34 53.5 +0.7
X44A	comp=N,35nm,1.2s Crenshaw	19.66 354	P	Pn	10 34 54.3 -0.5
X40A	baz=173 Okolona	19.71 346	P	Pn	10 34 54.8 -0.6
X41A	baz=164 Kaden, Bauxite	20.01 348	P	P	10 34 57.7 +0.5
X40A	baz=166 Basin Creek Fa	20.07 348	P	P	10 34 58.3 +0.5
W48A	baz=165 Pulaski	20.18 2	P	P	10 34 59.7 +0.5
W45A	baz=182 Hickory Valley	20.23 356	P	P	10 35 00.1 +0.5
W44A	baz=175 Shelby Farms P	20.26 355	P	P	10 35 00.2 +0.2
W47A	baz=174 Westpoint	20.28 0	P	P	10 35 00.7 +0.5
MIAR	baz=180 Mount Ida	20.29 346	P	P	10 35 00.7 +0.4
MIAR	baz=163 Mount Ida	20.29 346	eP	P	10 35 00.8 +0.4
SWET	comp=N,14nm,0.8s Swanee	20.31 4	eP	P	10 35 00.9 +0.4
X39A	comp=N,49nm,1.9s Fountain Ranch	20.39 345	P	P	10 35 01.9 +0.5
Y36A	baz=162 Durant	20.47 339	P	P	10 35 02.8 +0.5
TXAR	baz=155 Lajitas Array	20.61 317	P	Pn	10 35 05.1 -1.1
TX31	comp=N,1.9nm,0.9s,ba=142,slow=11,SNR=11 Lajitas Ar. Si	20.61 317	eP	P	10 35 05.5 +1.5
TX31	HPIG	20.61 308	eP	P	10 35 05.9 +2.0
HPIG	20.61 308	eP	P	10 35 05.9 -0.4	
W41B	comp=N,9.7nm,0.9s Gary Mavity, V	20.62 349	P	P	10 35 04.1 +0.2
X38A	baz=187 Whitesboro	20.73 343	P	Pn	10 35 06.3 -1.1
ABTX	baz=160,SNR=9.0 Abilene, Hawle	20.75 330	P	Pn	10 35 06.4 +1.0
ABTX	baz=145,SNR=5.1 Abilene, Hawle	20.75 330	eP	Pn	10 35 06.6 -1.1
W48A	comp=N,18nm,0.9s Smith Brothers	20.78 2	P	P	10 35 06.3 +0.7
W40A	baz=182 Ferguson Farm,	20.80 347	P	P	10 35 06.4 +0.6
V45A	baz=165 Humboldt	20.80 357	P	P	10 35 06.5 +0.7
X37A	baz=176 Clayton	20.81 342	P	P	10 35 06.5 +0.6
X37A	baz=158 Clayton	20.81 342	eP	P	10 35 07.1 +1.1
V46A	comp=N,13nm,1.0s Holladay	20.83 359	P	P	10 35 06.4 +0.3
V47A	baz=173,SNR=6.3 Nunnelly	20.86 0	P	P	10 35 07.1 +0.7
W39A	baz=180,SNR=11 Magazine	20.96 346	P	P	10 35 08.0 +0.5
KMSC	baz=163 Kings Mountain	20.96 15	P	P	10 35 08.0 +0.4
KMSC	baz=197 Kings Mountain	20.96 15	eP	P	10 35 07.7 +0.1
TKL	comp=N,35nm,1.7s Tuckaleechee C	20.98 9	P	P	10 35 08.7 +0.9
TKL	comp=N,6.6nm,1.0s,ba=185,slow=17,SNR=3.8 Tuckaleechee C	20.98 9	eP	P	10 35 08.7 +0.9
W38A	comp=N,22nm,1.3s Poteau	21.02 344	P	P	10 35 08.7 +0.5
WWT	baz=161 Waverly	21.16 360	P	P	10 35 08.7 -0.9
V41A	baz=179 Mountainview	21.20 350	P	P	10 35 10.1 -0.1
V40A	baz=168 Witts Springs	21.34 348	P	P	10 35 11.7 0.0
U46A	baz=166 Springville	21.39 359	P	P	10 35 12.3 +0.1
U45A	baz=178 Rockin P Farm,	21.40 358	P	P	10 35 12.4 +0.1
U44B	baz=177 Burton Farm, H	21.42 356	P	P	10 35 12.6 +0.1
U47A	baz=175 Clarksville	21.47 1	P	P	10 35 13.1 0.0
V39A	baz=181 Pettigrew	21.54 347	P	P	10 35 13.8 -0.1
U48A	baz=164 Cassie Pea, Po	21.56 2	P	P	10 35 14.1 0.0
U44A	baz=181 Portageville	21.61 356	P	P	10 35 14.4 -0.1
U42A	baz=174 Revenden	21.61 352	P	P	10 35 14.5 -0.1
U41A	baz=170 Viola	21.70 351	P	P	10 35 15.1 -0.4
V38A	baz=169 Canehill	21.74 345	P	P	10 35 15.7 -0.3
PARMO	baz=162 Parma	21.77 355	eP	P	10 35 17.1 +0.9
U40A	comp=N,42nm,1.1s Yellville	21.88 349	P	P	10 35 17.5 0.0
TZTN	baz=166 Tazewell	21.88 9	P	P	10 35 17.2 -0.3
TZTN	baz=190 Tazewell	21.88 9	eP	P	10 35 18.2 +0.7
PBMO	comp=N,45nm,1.5s Poplar Bluff	21.94 354	eP	P	10 35 19.2 +1.1
V37A	comp=N,14nm,0.9s Hubler	21.95 344	P	P	10 35 18.2 -0.1
T47A	baz=160 Sharon Grove	22.02 1	P	P	10 35 18.9 0.0
U39A	baz=181,SNR=7.5 Green Forest	22.03 347	P	P	10 35 19.2 +0.1
HHAR	baz=165 Hobbs	22.03 346	eP	P	10 35 19.7 +0.6
T46A	comp=N,11nm,1.0s Princeton	22.07 360	P	P	10 35 19.8 +0.3
OK022	baz=179 N3560 Road, Pr	22.09 340	eP	P	10 35 20.0 +0.3
V36A	comp=N,11nm,0.8s Jenks	22.09 342	P	P	10 35 19.6 -0.2
V36A	baz=158 Jenks	22.09 342	eP	P	10 35 20.1 +0.4
WMOK	comp=N,15nm,1.0s Wichita Mounta	22.16 335	P	P	10 35 20.1 -0.4
WMOK	baz=150,SNR=16 Wichita Mounta	22.16 335	eP	P	10 35 20.6 +0.2
OK020	comp=N,14nm,0.9s N3440 Road, Me	22.16 340	eP	P	10 35 21.3 +0.8
TUL1	comp=N,11nm,0.7s Leonard	22.16 342	P	P	10 35 20.7 +0.2
TUL1	baz=159 Leonard	22.16 342	eP	P	10 35 20.9 +0.4
T44A	comp=N,17nm,0.8s Benton	22.18 356	P	P	10 35 20.9 +0.2
T43A	baz=175 Greenville	22.23 354	P	P	10 35 21.5 +0.3
T42A	baz=173 Van Buren	22.27 353	P	P	10 35 21.9 +0.3
U38A	baz=162 Gravette	22.29 346	P	P	10 35 21.9 +0.1
T41A	baz=162 Mountain View	22.37 351	P	P	10 35 23.1 +0.4
U37A	baz=169 Saline	22.44 344	P	P	10 35 22.7 -0.8
T40A	baz=161 Mansfield	22.59 350	P	P	10 35 24.3 -0.8
U36A	baz=168 Oologah	22.60 343	P	P	10 35 24.7 -0.5
T39A	baz=159 Clever	22.63 348	P	P	10 35 25.0 -0.5
S43A	baz=165 Fulton Ridge,	22.70 355	P	P	10 35 25.8 -0.4
S46A	baz=180 Don Dixon Farm	22.71 360	P	P	10 35 25.9 -0.5
S45A	baz=172 Carrier Mills	22.72 358	P	P	10 35 26.2 -0.2
S44A	baz=172 Wardman Farm,	22.73 3	P	P	10 35 26.5 0.0
S48A	baz=184 Carbondale	22.76 357	P	P	10 35 26.9 0.0
SIUC	baz=176 Southern Illin	22.78 357	eP	P	10 35 27.7 +0.7
T38A	comp=N,21nm,0.9s Diamond	22.84 346	P	P	10 35 27.7 0.0
U35A	baz=163 Pawnee	22.88 341	P	P	10 35 27.9 -0.2
S42A	baz=157 Caledonia	22.96 354	P	P	10 35 28.4 -0.5
S40A	baz=172 Lebanon	23.03 350	P	P	10 35 28.9 -0.7
T37A	baz=175 Cheneyville 18	23.07 345	P	P	10 35 29.4 -0.7
BLA	baz=162 Blacksburg	23.16 15	P	P	10 35 30.2 -0.8
R46A	baz=183 Gib Southern	23.24 0	P	P	10 35 31.0 -0.8
S39A	baz=180 Bolivar	23.26 349	P	P	10 35 31.9 -0.2
T36A	baz=166,SNR=9.9 Boys Farm, Ca	23.26 343	P	P	10 35 31.8 -0.2
CA	baz=159,SNR=5.7 Cornudas Mount	23.28 319	P	P	10 35 31.4 -0.9
MNTX	baz=132 Cornudas Mount	23.28 319	eP	P	10 35 32.9 +0.5
WNTX	comp=N,3.0nm,0.9s WNY	23.29 3	P	P	10 35 31.5 -0.8
WCI	baz=183 Wyandotte Cave	23.29 3	eP	P	10 35 32.5 +0.2
CCM	comp=N,22nm,1.1s Cathedral Cave	23.30 353	P	P	10 35 31.8 -0.6
CCM	baz=171 Cathedral Cave	23.30 353	eP	P	10 35 32.6 +0.2
R44A	comp=N,2nm,1.1s Waltonville	23.30 357	P	P	10 35 31.9 -0.6
T35A	baz=176 Sooner Cattle	23.31 342	P	P	10 35 31.8 -0.8
S38A	baz=158 Stanton	23.32 347	P	P	10 35 32.4 -0.3
R45A	baz=164,SNR=9.7 Skylar, Fairri	23.32 359	P	P	10 35 32.2 -0.5
R47A	baz=178 Wooly Knot Far	23.34 2	P	P	10 35 32.1 -0.8
R43A	baz=174 Red Bud	23.39 356	P	P	10 35 32.8 -0.5
MSTX	baz=174 Muleshoe	23.40 327	P	P	10 35 33.4 -0.2
MSTX	comp=N,11nm,1.0s Muleshoe	23.40 327	eP	P	10 35 32.9 -0.7
R42A	baz=172 Luebbering	23.47 354	P	P	10 35 32.9 -1.2
R48A	baz=182 Northridge Ran	23.48 4	P	P	10 35 33.5 -0.7
R41A	baz=184 Rosebud	23.55 353	P	P	10 35 34.3 -0.7
AMTX	baz=177 Amarillo	23.57 330	P	P	10 35 34.4 -0.8
AMTX	baz=144 Amarillo	23.57 330	eP	P	10 35 36.6 +1.3
T34A	comp=N,7.7nm,0.9s McCleaskey Farm	23.62 341	P	P	10 35 35.1 -0.5
S37A	baz=156 Fort Scott	23.65 346	P	P	10 35 35.3 -0.6
R40A	baz=162,SNR=11 Maddies Statio	23.67 351	P	P	10 35 34.7 -1.3
OLIL	baz=169 Olney	23.76 359	eP	P	10 35 36.9 0.0
S36A	comp=N,20nm,0.9s Lake Cedric, C	23.81 344	P	P	10 35 37.0 -0.5
R39A	baz=160,SNR=1.4 Chumby, Stover	23.81 350	P	P	10 35 36.8 -0.8
R38A	baz=167 Fenwick Farm,	23.86 348	P	P	10 35 37.3 -0.6
Q45A	baz=165 Warren Harvey,	23.92 359	P	P	10 35 38.0 -0.5
Q44A	baz=179 Meyer Farm, Va	23.95 357	P	P	10 35 38.3 -0.5
S35A	baz=176 Otter Creek Ra	23.97 343	P	P	10 35 38.5 -0.5
Q47A	comp=N,5.3nm,0.9s Bedord North L	23.98 2	P	P	10 35 38.6 -0.5
Q43A	baz=183 New Douglas	24.03 356	P	P	10 35 39.0 -0.5
Q42A	baz=175 Golden Eagle	24.07 355	P	P	10 35 39.2 -0.7
R37A	baz=173 Teagarden Farm	24.18 346	P	P	10 35 40.3 -0.7
Q41A	baz=171 Truxton	24.18 353	P	P	10 35 40.4 -0.6
BLO	baz=171 Bloomington	24.22 2	eP	P	10 35 41.3 0.0
S34A	comp=N,20nm,1.2s Willow Spring	24.22 342	P	P	10 35 40.7 -0.6
Q40A	baz=157 Laux Farm, Aux	24.33 352	P	P	10 35 41.8 -0.6
R36A	baz=169 Gordon, Harris	24.35 345	P	P	10 35 42.1 -0.5
P44A	baz=178 Sand Creek, Wi	24.40 358	P	P	10 35 43.1 -0.9
Q39A	baz=178 Willow Grove F	24.52 350	P	P	10 35 43.2 -0.9
P47A	baz=183 Martinsville	24.54 3	P	P	10 35 43.3 -1.0
Q38A	baz=183 Cooks Store, C	24.55 349	P	P	10 35 43.4 -1.0
P46A	baz=170 Rosedale	24.64 1	P	P	10 35 43.9 -1.3
R34A	baz=181 Isabella, Hill	24.81 342	P	P	10 35 45.9 -0.9
P40A	baz=157 Paris	24.85 352	P	P	10 35 45.9 -1.1
P41A	baz=				

IDC 06 10:36:15.6;1.3,9.89N;123.34E,h0km,mb3.6/6,
mb1 3.7/6,mb1mx3.4/63,mbtmp3.6/6,Error ellipse:
s-maj=69.0km s-min=23.0km az=65.0
ISCJB 06 10:36:17.7;0.6,9.92N;0.04;123.19E;0.06,h17km,
mb3.6/6,Error ellipse:s-maj=9.4km s-min=5.4km
az=154.3

ISC 06 10:36:18.0;0.8,9.90N;0.05;123.32E;0.07,h17km,n11,
0.679/15,mb3.7/6,2C-2D,Negros

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
SNPH	Sibulan	0.56 189	Op	10 36 29.2	-1.0
SNPH	Sibulan	0.56 189	Op	10 36 36.8	-0.2
TBP	Tagbilaran	0.57 111	eP	10 36 31.5	+0.1
TBP	Tagbilaran	0.57 111	eP	10 36 40.7	+0.3
DCPH	Dipolog City	1.30 179	eS	10 36 41.2	-0.9
DCPH	Dipolog City	1.30 179	eS	10 36 59.1	-1.1
JAP	San Jose, Anti	1.95 302	Op	10 36 45.8	+0.3
RCP	Roxas	1.75 341	eP	10 36 48.2	-1.4
CMAR	Chiang Mai Arr	25.09 293	P	10 41 42.7	+0.6
ASAR	Alice Springs	34.92 163	P	10 43 09.2	+0.0
SONM	Songino Array	40.42 342	P	10 43 56.7	+1.1
MKAR	Makanchi Array	50.60 324	P	10 45 15.2	-0.9
MKAR	Makanchi Array	50.60 324	P	10 46 33.5	-0.1
ZALV	Zalesovo Beam	53.59 333	P	10 45 38.1	0.0
KURBB	Kurchatov Arra	54.76 327	P	10 45 47.8	+0.8

TAP 06 10:40:27.7,22.43N;121.01E,h13km,ML3.7,6C-9D,C,

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
TAW	Tawu	0.13 237	iP	10 40 31.4	+0.4
EAW	Tawu	0.13 237	iP	10 40 34.0	+0.6
TAW	Anshuo	0.16 254	iP	10 40 32.0	+0.4
EAST	Anshuo	0.16 254	iP	10 40 34.7	+0.5
ECL	Taimali	0.18 342	Op	10 40 32.1	+0.3
ECLT	Taimali	0.18 342	Op	10 40 35.8	-0.6
SCZT	Fangliu	0.37 262	Op	10 40 35.6	+0.4
SCZT	Fangliu	0.37 262	Op	10 40 40.8	+0.7
TWG	Pinlang	0.40 8	iP	10 40 35.8	+0.2
TWG	Pinlang	0.40 8	iP	10 40 41.9	-0.8
TWK1	Hengchun	0.52 202	P	10 40 38.4	+0.3
TWK1	Hengchun	0.52 202	P	10 40 46.2	+0.1
TWKBT	Hengchun	0.52 201	eP	10 40 38.5	-0.2
TWKBT	Hengchun	0.52 201	eP	10 40 46.4	+0.2
TSEB	Hengchuen, Pin	0.54 191	eP	10 40 39.2	+0.2
TSEB	Hengchuen, Pin	0.54 191	eP	10 40 47.9	+1.3
SGLT	Jiouru	0.57 302	eP	10 40 40.0	+0.5
TWP	Hsiolaoliuchiu	0.61 262	eP	10 40 42.5	+0.4
KAU	Kaoshiung	0.67 282	eP	10 40 43.3	+0.4
TWM1	Shoushan	0.67 300	eP	10 40 42.6	-0.4
WSSB	Gushan	0.73 287	eP	10 40 45.0	+1.2
CHKT	Chengkung	0.74 26	eP	10 40 41.5	-0.7
ELDTW	Lidau	0.76 0	iP	10 40 41.6	-0.9
SGST	Jiashan	0.76 329	iP	10 40 43.5	+0.5
STYT	Tauiyan	0.77 342	iP	10 40 43.1	+0.1
FULB	Fuli	0.81 191	eP	10 40 43.3	-1.2
CHN1	Nanshi	0.88 329	eP	10 40 45.9	+0.1
CHN3	Shinhua	0.88 317	eP	10 40 47.3	+1.5
WTP	Ta-pu	0.89 336	iP	10 40 46.0	-0.1
WTP	Ta-pu	0.89 336	iP	10 40 59.5	+0.5
TPUB	Ta-pu	0.94 338	eP	10 40 46.6	-0.1
TWF1	Yuli	0.96 16	eP	10 40 43.5	-2.8
CHN4	Tsaushan	1.00 337	eP	10 40 48.0	+0.4
YUS	Yu-Shan	1.06 357	eP	10 40 47.5	-0.8
SCLT	Jiali	1.06 315	eP	10 40 49.6	+1.3
EHY	Hungye	1.11 15	eP	10 40 47.8	-1.0
HGSD	Ruisui	1.13 20	eP	10 40 49.0	-0.1
CHN8	Fiju	1.18 321	eP	10 40 51.1	+0.7
CHY	Chiayi	1.20 333	eP	10 40 50.9	+0.1
CHN5	Tsaling	1.21 345	eP	10 40 51.0	0.0
CHN2	Minshiang	1.21 336	eP	10 40 51.8	+0.8
WDLH	Douliu	1.33 341	eP	10 40 53.1	-0.2
SSLB	Suanglung	1.35 358	eP	10 40 52.6	+0.2
WSF	Szhu	1.41 329	eP	10 40 53.6	-0.3
ESL	Shilin	1.43 16	eP	10 40 52.6	-0.9
SMLT	Sun Moon Lake	1.45 356	eP	10 40 54.8	+0.1
SMLT	Sun Moon Lake	1.45 356	eP	10 41 16.9	+2.2
WNT	Mingjiao	1.48 348	eP	10 40 55.1	0.0
TYC	Yuchu	1.48 354	eP	10 40 55.8	-0.3
TYC	Yuchu	1.48 354	eP	10 41 17.2	+1.8
WDGT	Dungji	1.50 304	eP	10 40 54.0	-0.4
DPDB	Guoxing	1.60 357	eP	10 40 57.4	+0.1
WCHH	Zhanghua	1.70 346	eP	10 40 58.3	-0.6
TCU	Taichung	1.74 350	eP	10 40 59.6	0.0
PNG	Penghu	1.76 310	eP	10 40 57.3	-0.7
TDCB	Techi	1.82 4	eP	10 41 00.5	-0.6
TWQ1	Liyutan	1.93 353	eP	10 41 01.7	-1.1
NSY	Sanyi	1.99 353	eP	10 41 03.7	-0.2
PTSB	Yuanli	2.03 352	eP	10 41 02.7	+1.0
NNS	Nan Shan	2.03 9	eP	10 41 03.7	-1.0
NMLH	Miaoili	2.11 355	eP	10 41 04.6	-1.3
LIOB	Emei	2.21 0	eP	10 41 05.4	+1.2
ENTT	Nioudou	2.26 13	eP	10 41 05.5	+0.6

NSK	Sanguang	2.26 8	eP	Pn	10 41 06.4	+1.5
TWE	Neicheng	2.36 15	eP	Pn	10 41 07.3	+1.1
TIPB	Shuangxi	2.64 16	eP	Pn	10 41 10.1	0.0
KNM	Kinmen	3.09 310	eP	Pn	10 41 17.9	+1.6

MAN 06 10:41:47,10.06N;123.22E,h021km,mb4.4,ML3.2,MS3.0,

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
SNPH	Sibulan	0.72 179	Op	10 41 59.0	-1.8
SNPH	Sibulan	0.72 179	Op	10 42 11.1	+0.8
TBP	Tagbilaran	0.73 120	eS	10 42 00.9	-0.3
TBP	Tagbilaran	0.73 120	eS	10 42 11.0	+0.3
LLP	Lapu-Lapu	0.78 71	eP	10 42 03.0	+0.3
LLP	Lapu-Lapu	0.78 71	eP	10 42 14.9	+1.1
GUMJ	Jordan	0.84 312	eP	10 42 03.5	-0.1
GUMJ	Jordan	0.84 312	eP	10 42 16.1	+0.9
RCP	San Jose, Anti	1.43 299	eP	10 42 15.2	+2.3
RCP	Roxas	1.56 343	eP	10 42 16.9	+1.7
MSLP	Maasin	1.61 87	eP	10 42 17.1	+1.0
MSLP	Maasin	1.61 87	eP	10 42 40.1	+4.1
BUKP	Musuan	2.83 140	eP	10 42 33.0	+1.9

KRSC 06 10:47:33.8;1.6,52.69N;162.78E,h42km,35km,ML4.0
IDC 06 10:47:34.3;1.1,52.42N;162.80E,h0km,mb3.5/9,
mb1 3.8/10,mb1mx3.7/8,mbtmp3.5/10,ML3.2/1,Error
ellipse:s-maj=33.4km s-min=18.9km az=176.0
ISCJB 06 10:47:37.6;0.5,52.71N;0.04;162.63E;0.05,h33km,
mb3.4/9,Error ellipse:s-maj=5.4km s-min=3.5km
az=153.7

ISC 06 10:47:39.5;0.8,52.67N;0.06;162.76E;0.05,h35km,n44,
0.237/67,mb3.5/9,Off east coast of Kamchatka

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
SPN	Mys Shipunski	1.71 286	eP	10 48 03.8	-3.0
SPN	Mys Shipunski	1.71 286	eP	10 48 23.1	-4.4
NLC	Nalytchevo	2.13 285	eP	10 48 10.1	-2.4
NLC	Nalytchevo	2.13 285	eP	10 48 34.6	-3.0
KIL	Kedrovskiy	2.41 206	eP	10 48 14.7	-2.3
KIL	Kedrovskiy	2.41 206	eP	10 48 41.4	-3.4
SDLR	Serdolovina	2.42 286	eP	10 48 14.6	-2.1
SDLR	Serdolovina	2.42 286	eP	10 48 42.9	-2.2
UGLR	Uglovaya	2.44 284	eP	10 48 14.8	-2.1
UGLR	Uglovaya	2.44 284	eP	10 48 42.6	-3.0
DALK	Dalny	2.46 280	eP	10 48 14.7	-2.3
DALK	Dalny	2.46 280	eP	10 48 42.3	-3.4
SMAR	Somma	2.47 286	eP	10 48 14.9	-2.5
AVH	Avacha	2.50 285	eP	10 48 16.0	-1.8
AVH	Avacha	2.50 285	eP	10 48 45.3	-1.8
PET	Petropavlovsk	2.52 280	eP	10 48 15.5	-2.3
PET	Petropavlovsk	2.52 280	eP	10 48 44.7	-2.5
KOK	Koryaka	2.57 286	eP	10 48 16.3	-2.4
KRX	Arik	2.58 287	eP	10 48 16.8	-2.0
KRX	Arik	2.58 287	eP	10 48 46.4	-2.6
RUS	Russkaya	2.60 267	eP	10 48 16.8	-2.2
RUS	Russkaya	2.60 267	eP	10 48 46.3	-3.1
MTRV	Mutnovka	2.80 268	eP	10 48 19.9	-1.9
MTRV	Mutnovka	2.80 268	eP	10 48 51.1	-3.3
KRMR	Karymshinskiy	2.82 275	eP	10 48 19.8	-2.2
KRMR	Karymshinskiy	2.82 275	eP	10 48 52.2	-2.5
KZV	Kizimen	2.85 330	eP	10 48 20.6	-2.0
ASAK	Asacha	2.99 286	eP	10 48 43.0	+1.3
ASAK	Asacha	2.99 286	eP	10 48 56.8	-2.1
KDTR	Khodutka, Kamc	3.00 255	eP	10 48 22.3	-2.2
KDTR	Khodutka, Kamc	3.00 255	eP	10 48 55.4	-3.8
TUMR	Tumrok	3.04 331	eP	10 48 22.7	-2.5
TUMR	Tumrok	3.04 331	eP	10 48 52.1	-2.2
GNL	Genalovskiy	3.08 291	eP	10 48 24.3	-3.3
GNL	Genalovskiy	3.08 291	eP	10 48 59.4	-1.8
PETK	Petropavlovsk-	3.10 280	Pn	10 48 24.5	-1.3
PETK	Petropavlovsk-	3.10 280	Pn	10 48 59.8	-1.8
BKI	Bering	3.17 35	eP	10 48 23.6	-3.2
BKI	Bering	3.17 35	eP	10 48 56.7	-6.7
APC	Apacha	3.41 277	eP	10 48 29.1	-1.0
APC	Apacha	3.41 277	eP	10 48 07.9	-1.4
KMNR	Kamenistaya	3.43 333	eP	10 48 09.0	-1.3
KMNR	Kamenistaya	3.43 333	eP	10 48 08.7	-1.3
BZMR	Bezymyannaya	3.54 339	eP	10 48 30.5	-1.5
KBTR	Krutoberegovo	3.55 1	eP	10 48 28.7	-3.3
BZWR	Bezymyanni-We	3.56 339	eP	10 48 31.2	-1.1
KIRN	Kirishev	3.59 338	eP	10 48 31.5	-1.1
KPT	Kopyto	3.63 337	eP	10 48 32.0	-0.7
KPT	Kopyto	3.63 337	eP	10 49 14.0	-0.7
KRSR	Krestovskiy	3.78 341	eP	10 48 33.9	-1.4
KOZ	Kozyrevsk	3.80 335	eP	10 48 34.4	-1.0
KOZ	Kozyrevsk	3.80 335	eP	10 49 18.1	-0.7
KLY	Klyuchi	3.86 342	eP	10 48 34.2	-2.0
KLY	Klyuchi	3.86 342	eP	10 49 17.6	-2.6
SMKR	Semkarok	4.00 350	eP	10 48 36.5	-1.7
BDR	Baidarnaya	4.01 348	eP	10 48 36.9	-1.6
ESO	Esso	4.04 326	eP	10 48 37.4	-1.4
SRKR	Sorokina	4.10 348	eP	10 48 38.1	-1.6
ILAR	Eielson Array				

6d 11h

Table with columns for station code, name, frequency, and signal strength. Includes stations like TMTI Ternate, APSI Ampana, LUWI Luwuk, etc.

2012 FEB

Table with columns for station code, name, frequency, and signal strength. Includes stations like NJ2, NJ2, NJ2, etc.

358

Table with columns for station code, name, frequency, and signal strength. Includes stations like GSI, TIA, TIA, etc.

359

Table with columns: Call Sign, Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like RABL Rabaul, HHC Hu-ho-hao-te, BRDH Bariadhala, GIRL Giralia, SHL Shillong, etc.

2012 FEB

Table with columns: Call Sign, Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like MORW Morawa, GUN Gumba, VIS Vishakhapatnam, YUK Yuzh-Kuril'sk, etc.

6d 11h

Table with columns: Call Sign, Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like SRLM, ZAK Zakamensk, HYB Hyderabad, HYBB Hyderabad (bro), etc.

BMN	comp=Z,3um,20.0s	Battle Mountai	105.26	43	P	FAKE	LR	11 52 10.0
BMN	comp=Z,2um,20.0s	Kaiserville	105.28	45	eP	Pdf	11 47 47.1 +1.6	
KVN	comp=Z,2um,20.0s	Kaiserville	105.28	45	ePdf	Pdf	11 47 47.1 +1.6	
NV01	comp=Z,2um,20.0s	Mina Array Sit	105.42	46	ePdf	Pdf	11 47 47.5 +1.3	
NVAR	comp=Z,2um,20.0s	Mina Array Bea	105.42	46	Pdf	Pdf	11 47 46.3 +0.1	
NVAR	comp=Z,0.5nm,0.8s,baz=150,slow=2.5,SNR=14						PKKPbc	
NVAR	comp=Z,0.7nm,0.8s,baz=136,slow=4.2,SNR=5.1						PKKPbc	
NVAR	comp=Z,0.7nm,0.8s,baz=136,slow=4.2,SNR=5.1	Sutherland	105.52	239	P	FAKE	LR	
SUR	comp=Z,2um,20.0s						PKKPbc	
SUR	comp=Z,2um,20.0s						PKKPbc	
HLID	comp=Z,2um,20.0s	Hailey	105.58	40	P	PKIKP	11 52 00.7 +0.7	
HLID	comp=Z,2um,20.0s	Hailey	105.58	40	ePdf	Pdf	11 47 47.2 +0.5	
DLMT	comp=Z,2um,20.0s	Dillon	105.76	37	ePdf	Pdf	11 47 48.8 +1.3	
PKM	comp=Z,2um,20.0s	Mcperson Peak	105.82	50	P	PKIKP	11 52 00.1 -0.6	
EGMT	comp=Z,2um,20.0s	Eagleton	105.91	34	P	PKIKP	11 52 00.7 +0.3	
VES	comp=Z,2um,20.0s	Vestal, Richgr	105.97	48	P	PKIKP	11 51 59.7 -1.0	
BOZ	comp=Z,2um,20.0s	Bozeman (W)	106.21	37	P	PKIKP	11 52 00.9 -0.1	
ISA	comp=Z,2um,20.0s	Isabella, Lake	106.50	48	P	FAKE	LR	
ISA	comp=Z,2um,20.0s						LR	
MPMC	comp=Z,3um,22.0s	Manual Prospec	107.04	48	P	PKIKP	11 52 02.8 -0.1	
EDW2	comp=Z,2um,20.0s	Edwards Air Fo	107.18	49	P	PKIKP	11 52 03.3 +0.2	
FURC	comp=Z,2um,20.0s	Furnace Creek,	107.32	47	P	PKIKP	11 52 02.9 -0.2	
R11A	comp=Z,2um,20.0s	Troy Canyon, C	107.36	45	P	PKIKP	11 52 03.4 -0.1	
TPNV	comp=Z,2um,20.0s	Topopah Spring	107.54	46	P	PKIKP	11 52 04.2 +0.4	
TPNV	comp=Z,2um,20.0s	Topopah Spring	107.54	46	eP	Pdf	11 47 58.2 +2.6	
TPNV	comp=Z,2um,20.0s	Topopah Spring	107.54	46	ePdf	Pdf	11 47 58.2 +2.6	
TSMU	comp=Z,2um,20.0s	Tsumeb	107.72	253	P	FAKE	LR	
TSMU	comp=Z,2um,20.0s						LR	
BGU	comp=Z,2um,20.0s	Big Grassy Mou	107.81	41	P	FAKE	LR	
BGU	comp=Z,2um,20.0s						LR	
GSC	comp=Z,2um,20.0s	Goldstone, Bar	107.88	48	P	PKIKP	11 52 04.9 +0.5	
SPUT	comp=Z,2um,20.0s	South Promonto	107.99	41	P	FAKE	LR	
SPUT	comp=Z,2um,20.0s						LR	
DUG	comp=Z,3um,22.0s	Dugway, Tooele	108.33	42	P	PKIKP	11 52 05.4 +0.2	
DMGT	comp=Z,2um,20.0s	Dagmar	108.58	31	P	FAKE	LR	
DMGT	comp=Z,2um,20.0s						LR	
CTU	comp=Z,2um,20.0s	Camp Tracy	108.76	41	P	FAKE	LR	
CTU	comp=Z,2um,20.0s						LR	
PFO	comp=Z,2um,21.0s	Pinyon Flats O	108.88	49	P	PKIKP	11 52 05.9 -0.5	
DMAR	comp=Z,2um,20.0s	Granite Mounta	108.95	48	P	PKIKP	11 52 06.9 +0.4	
GMRC	comp=Z,2um,20.0s	Pinedale Array	109.02	38	PKKP	PKKPab	12 03 24.1 -3.6	
BELC	comp=Z,1.2nm,0.7s,baz=122,slow=5.4,SNR=7.7	Belle Mtn. Jos	109.05	49	P	PKIKP	11 52 07.1 +0.4	
MONP2	comp=Z,2um,20.0s	Monument Peak	109.22	50	P	PKIKP	11 52 08.3 +1.2	
BC3	comp=Z,2um,20.0s	Big Chuckawall	109.61	49	P	PKIKP	11 52 06.8 -0.9	
IRM	comp=Z,2um,20.0s	Iron Mountain	109.61	48	P	PKIKP	11 52 08.1 +0.5	
CART	comp=Z,2um,20.0s	Cartagena	109.64	316	P	FAKE	LR	
CART	comp=Z,2um,20.0s						LR	
SWSC	comp=Z,2um,20.0s	C Sam W. Stewart	109.67	50	P	PKIKP	11 52 06.2 -1.5	
P17A	comp=Z,2um,20.0s	Butcher Ranch,	110.06	42	P	FAKE	LR	
P17A	comp=Z,2um,20.0s						LR	
SNAAS	comp=Z,2um,20.0s	Sanae	110.09	196	P	FAKE	LR	
SNAAS	comp=Z,2um,20.0s						LR	
Y12C	comp=Z,2um,20.0s	Blythe	110.26	49	P	FAKE	LR	
Y12C	comp=Z,2um,20.0s						LR	
ESLA	comp=Z,3um,22.0s	Sonsec Array	110.53	319	P	FAKE	LR	
ESLA	comp=Z,3um,22.0s						LR	
PAB	comp=Z,2um,18.0s	San Pablo	110.85	319	P	FAKE	LR	
PAB	comp=Z,2um,18.0s						LR	
K22A	comp=Z,2um,20.0s	Casper	110.91	37	P	PKIKP	11 52 09.9 -0.1	
Y14A	comp=Z,2um,20.0s	Wickenburg	111.28	48	P	FAKE	LR	
Y14A	comp=Z,2um,20.0s						LR	
O20A	comp=Z,7um,19.0s	White River Ci	111.31	40	P	PKIKP	11 52 10.4 -0.5	
RSSD	comp=Z,3um,20.0s	Black Hills	111.44	35	P	PKIKP	11 52 10.2 -0.8	
MVO	comp=Z,3um,20.0s	Moncorvo	111.62	322	eLR	LR	12 28 27.1	
WUJAZ	comp=Z,3um,20.0s	Wupaki	111.68	46	P	PKIKP	11 52 10.7 -0.9	
PGAV	comp=Z,3um,20.0s	Gaviera, Arco	111.89	323	eLR	LR	12 28 19.4	
A32A	comp=Z,3um,20.0s	Rocking H Ranc	111.95	27	P	PKIKP	11 52 11.3 -0.2	
N23A	comp=Z,3um,20.0s	Red Feather La	112.30	38	P	PKIKP	11 52 12.5 -0.3	
MTE	comp=Z,4um,20.0s	Manteigas	112.39	321	eLR	LR	12 28 48.4	
MTE	comp=Z,4um,20.0s						LR	
MTE	comp=Z,4um,20.0s	Manteigas	112.39	321	P	FAKE	LR	
MTE	comp=Z,4um,20.0s						LR	
AGMN	comp=Z,4um,20.0s	Agassiz Nation	112.69	27	P	FAKE	LR	
AGMN	comp=Z,4um,20.0s						LR	
MVCO	comp=Z,2um,19.0s	Mesa Verde	112.77	43	P	PKIKP	11 52 13.7 0.0	
MVCO	comp=Z,2um,19.0s						LR	
MVCO	comp=Z,2um,19.0s	Mesa Verde	112.77	43	P	FAKE	LR	
MVCO	comp=Z,2um,19.0s						LR	
PMRV	comp=Z,2um,20.0s	Marv??o	112.86	320	eLR	LR	12 29 04.3	
W18A	comp=Z,3um,20.0s	Petrified Fore	113.03	45	P	PKIKP	11 52 14.3 0.0	
B34A	comp=Z,3um,20.0s	Aery, Baudette	113.09	26	P	PKIKP	11 52 14.2 +0.5	
ISCO	comp=Z,3um,20.0s	Idaho Springs	113.15	39	P	PKIKP	11 52 14.4 -0.1	
PESTR	comp=Z,1um,19.0s	Estremoz	113.31	320	P	FAKE	LR	
PESTR	comp=Z,1um,19.0s						LR	
D33A	comp=Z,1um,19.0s	AnnSam, Wauburn	113.56	28	P	PKIKP	11 52 15.1 +0.5	
S22A	comp=Z,1um,19.0s	4UR Ranch, Cre	113.57	41	P	PKIKP	11 52 16.8 +1.4	
SFS	comp=Z,4um,20.0s	San Fernando	113.77	317	P	FAKE	LR	
SFS	comp=Z,4um,20.0s						LR	
PVAO	comp=Z,2um,20.0s	Vaqueiros	114.24	319	eLR	LR	12 30 21.7	
F31A	comp=Z,2um,20.0s	5 Mile Ranch,	114.30	29	P	PKPfd	11 52 16.3 +0.2	
SDCO	comp=Z,2um,20.0s	Great Sand Dun	114.43	41	P	PKPfd	11 52 17.5 +0.5	
OGNE	comp=Z,2um,20.0s	Ogallala	114.60	36	P	PKPfd	11 52 17.5 +0.5	
E35A	comp=Z,2um,20.0s	Pequot Lakes	114.65	28	P	PKPfd	11 52 18.8 +2.0	
SCHO	comp=Z,2um,20.0s	Schefferville	115.06	6	PKP	PKPfd	11 52 18.2 +0.8	
SCHO	comp=Z,2um,20.0s						LR	
PFVI	comp=Z,2um,20.0s	Vila Bisbo	115.11	319	P	FAKE	LR	
PFVI	comp=Z,2um,20.0s						LR	
LAZ	comp=Z,4um,20.0s	Ladron	115.22	45	ePKPfd	PKPfd	11 52 18.9 +0.4	
MHRCO	comp=Z,4um,20.0s	State Highway	115.31	41	ePKPfd	PKPfd	11 52 19.5 +0.9	
K31A	comp=Z,4um,20.0s	O'Neill	115.32	33	P	PKPfd	11 52 18.2 -0.1	
ANMO	comp=Z,4um,20.0s	Albuquerque	115.39	44	P	PKPfd	11 52 18.8 0.0	

ANMO	comp=Z,1um,20.0s	Albuquerque	115.39	44	ePKPfd	PKPfd	11 52 19.5 +0.7
ANMO	comp=Z,1um,20.0s						MLR
ANMO	comp=Z,1um,20.0s	Albuquerque	115.39	44	ePKPfd	PKPfd	11 52 19.5 +0.7
ANMO	comp=Z,1um,20.0s						MLR
H34A	comp=Z,1um,20.0s	Spellman Lake,	115.40	30	P	PKPfd	11 52 19.0 +0.7
T25A	comp=Z,1um,20.0s	Trinidad	115.49	41	P	PKPfd	11 52 19.2 +0.3
T25A	comp=Z,1um,20.0s	Trinidad	115.49	41	ePKPfd	PKPfd	11 52 19.3 +0.3
C39A	comp=Z,1um,20.0s	Grand Marais	115.51	24	P	PKPfd	11 52 18.9 +0.5
Y22D	comp=Z,1um,20.0s	IRIS PASSCAL I	115.55	45	P	PKPfd	11 52 18.3 -0.8
Y22D	comp=Z,1um,20.0s	IRIS PASSCAL I	115.55	45	P	FAKE	LR
Y22D	comp=Z,1um,20.0s	Ridgedown	115.55	45	P	PKPfd	11 52 18.8 -0.3
Y22D	comp=Z,1um,20.0s						LR
F36A	comp=Z,1um,20.0s	Milaca	115.58	28	P	PKPfd	11 52 18.6 0.0
F36A	comp=Z,1um,20.0s						LR
ECSO	comp=Z,1um,20.0s	EROS Data Cent	115.66	31	P	PKPfd	11 52 18.6 -0.2
BNM	comp=Z,1um,20.0s	Barren Site	115.71	45	ePKPfd	PKPfd	11 52 20.5 +1.0
121A	comp=Z,1um,20.0s	Cookes Peak, D	115.77	47	P	PKPfd	11 52 19.8 +0.3
I34A	comp=Z,1um,20.0s	Hadley	115.82	30	P	PKPfd	11 52 18.7 -0.4
H35A	comp=Z,1um,20.0s	Sunnyside Ranc	115.84	29	P	PKPfd	11 52 19.5 +0.4
J34A	comp=Z,1um,20.0s	George	116.31	31	P	PKPfd	11 52 19.5 -0.6
L33A	comp=Z,1um,20.0s	Hoskins	116.43	33	P	PKPfd	11 52 20.1 -0.3
BGNE	comp=Z,1um,20.0s	Belgrade	116.48	34	P	PKPfd	11 52 19.9 -0.6
K34A	comp=Z,1um,20.0s	Le Mars	116.67	31	P	PKPfd	11 52 20.2 -0.6
E40A	comp=Z,1um,20.0s	Wakefield	116.70	25	P	PKPfd	11 52 20.9 +0.2
G38A	comp=Z,1um,20.0s	Ridgedown	116.86	27	P	PKPfd	11 52 21.5 +0.4
M33A	comp=Z,1um,20.0s	Taylor Creek F	116.89	33	P	PKPfd	11 52 21.2 0.0
F40A	comp=Z,1um,20.0s	Park Falls	117.03	25	P	PKPfd	11 52 21.6 +0.2
I37A	comp=Z,1um,20.0s	Lemond, Waseca	117.03	29	P	PKPfd	11 52 21.0 -0.4
L34A	comp=Z,1um,20.0s	Svendson Farm,	117.04	32	P	PKPfd	11 52 20.7 -0.9
G39A	comp=Z,1um,20.0s	Holcombe	117.08	27	P	PKPfd	11 52 21.3 -0.2
J36A	comp=Z,1um,20.0s	Seneca 1, Swea	117.09	30	P	PKPfd	11 52 21.0 -0.6
CBKS	comp=Z,1um,20.0s	Cedar Bluff	117.33	37	P	PKPfd	11 52 21.5 -0.7
L35A	comp=Z,1um,20.0s	Bielow Farm, R	117.37	32	P	PKPfd	11 52 22.5 +0.3
J37A	comp=Z,1um,20.0s	Redenius Farm,	117.49	29	P	PKPfd	11 52 21.7 -0.7
H39A	comp=Z,1um,20.0s	Augusta	117.50	27	P	PKPfd	11 52 21.5 -0.8
TOAO	comp=Z,1um,20.0s	Torodi Ar. Sit	117.51	290	ePKPfd	PKPfd	11 52 21.7 -1.4
TOAO	comp=Z,1um,20.0s						PKPfd
TORD	comp=Z,1um,20.0s	Torodi Ar. Bea	117.51	290	PKP	PKPfd	11 52 21.7 -1.4
TORD	comp=Z,1um,20.0s						PKPfd
TORD	comp=Z,1um,20.0s	Torodi Ar. Bea	117.51	290	PKP	PKPab	12 02 48.0 -1.5
TORD	comp=Z,1um,20.0s						PKPab
TOA1	comp=Z,3um,20.0s	Torodi Ar. Sit	117.51	290	ePKPfd	PKPfd	11 52 21.7 -1.4
I38A	comp=Z,3um,20.0s	Scanlan Farm,	117.51	28	P	PKPfd	11 52 21.9 -0.4
K36A	comp=Z,3um,20.0s	Gilmore City	117.54	30	P	PKPfd	11 52 23.0 +0.5
F41A	comp=Z,3um,20.0s	Three Lakes	117.65	25	P	PKPfd	11 52 22.6 +0.1
O33A	comp=Z,3um,20.0s	Hebron	117.71	34	P	PKPfd	11 52 23.1 +0.3
M35A	comp=Z,3um,20.0s	Neola	117.76	32	P	PKPfd	11 52 22.6 -0.3
L36A	comp=Z,3um,20.0s	Harm Buss Farm	117.83	31	P	PKPfd	11 52 22.7 -0.3
K37A	comp=Z,3um,20.0s	Belmond	117.85	30	P	PKPfd	11 52 23.4 +0.3
MNTX	comp=Z,3um,20.0s	Cornudas Mount	117.94	46	P	PKPfd	11 52 22.6 -1.0
MNTX	comp=Z,3um,20.0s						PKPfd
MNTX	comp=Z,3um,20.0s	Cornudas Mount	117.94	46	ePKPfd	PKPfd	11 52 23.4 -0.2
MNTX	comp=Z,3um,20.0s						PKPfd
I39A	comp=Z,3um,20.0s	Houston	118.03				

mb5.0/172, Error ellipse: s-maj=2.4km s-min=1.8km az=168.2

MAN 06 11:40:15.4, 9.93N; 123.08E, h8km, mb5.8, ML4.8, MS5.2

NEIC 06 11:40:15.4, 0.1, 9.85N; 123.11E, h10km, mb5.3/90, Error ellipse: s-maj=4.3km s-min=3.3km az=94.0

NEIC Felt [V] at Dumaguete, Negros. Also felt at Himamaylan.

Felt [III PIVS] at Cebu City, Cebu. Also felt at Mandaue City, Pajo and Toledo. Felt [III PIVS] on Guimaras Island and at San Jose, Panay. Also felt at Santa Barbara. Felt at

Clarin and Taglibaran City, Bohol; Maasin, Leyte; Ozamiz City, Mindanao; and on Siquijor Island.

GCMT 06 11:40:15.4, 0.1, 9.93N; 123.22E, h13km, MW5.4/69, Moment Tensor Solution: s17c17; s69c13; Duration: 1s2

1s2 Moment tensor: Scale 10¹⁷Nm; M:0.60±.12; Mw:0.58±.07; Mw-0.02±.08; Mw-0.85±.23; Mw-1.03±.04; Mw-0.76±.23; Best double couple: M1.467000±.017

NP1: 22.000000, 69.000000, 136.000000; NP2: 22.000000, 69.000000, 128.000000; Principal axes: T 1.7050, Plg46.0000, Azm229.0000; N -0.4760, Plg42.0000, Azm73.0000; P -1.2290, Plg12.0000, Azm332.0000; nst1a refers to body waves, cutoff=40s.

nst2a refers to surface waves, cutoff=50s.

MOS 06 11:40:17.1, 0.8, 9.83N; 123.10E, h33km, mb5.3/53 Error ellipse: s-maj=5.0km s-min=2km az=101.1

KLM 06 11:40:20.4, 9.78N; 123.01E, h27km, mb5.3

IDC 06 11:40:23.4, 2.2, 9.78N; 123.01E, h75km, 20km, mb4.5/49, mb1 4.6/53, mb1mx4.5/68, mbtmp4.9/53, MS4.7/1, Ms1 4.7/1, ms1mx3.1/64, Error ellipse: s-maj=11.7km s-min=7.4km az=77.0

DJA 06 11:40:23.8, 0.4, 10.1N; 132.3E, h72km, 4km, M5.4/66, mb2.3/66, mb5.5/6, MLv5.8/2, Mw(mb)5.0/6

ISC 06 11:40:15.5, 0.2, 9.91N; 123.07E, h10km, n484, e170/514, mb5.1/171, 29C-27D, Negros

Table with columns: Code, Station Name, Δ, Az, Phase ID, Time, Res, H, S, ISC. Lists various seismic stations and their associated data points.

Table with columns: JOW, Kunigami, 17.53, 16, P, P, 11 44 26.0 +4.7. Lists seismic events with station names, magnitudes, and arrival times.

Table with columns: LHMI, Lhok Sumawe, 26.30, 262, eP, P, 11 45 52.3 +0.7. Lists seismic events with station names, magnitudes, and arrival times.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BRG Berggiesshubel, CLL Collim, GEC2 GERES Array S, etc.

RSPR 06 11:48:17.2, 19:34N:64:56W, h25km, 12km, MD3.5/8
NEIC 06 11:48:17.2, 0.0, 19:34N:64:56W, h25km, MD3.5(RSPR), After RSPR.

ISC 06 11:48:16.5, 3.3, 19:33N:01:64:6W:01, h27km, n27, o636/37, 12C-11N, Virgin Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TBVI Tortola, STVI Saint Thomas, MTP Monte Pirata, etc.

MEX 06 11:51:22.1, 0.3, 14:71N:93:31W, h16km, MD3.8, Near coast of Chiapas

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

NEIC 06 11:59:17.5, 0.0, 17:01N:94:75W, h111km, MD4.1(MEX), After MEX.

MEX 06 11:59:17.5, 0.0, 17:01N:94:75W, h111km, 15km, MD4.1, Chiapas

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

DJA 06 12:08:36.2, 0.3, 13:53N:14:1E, h11km, 9km, M3.7/3,

MLV3.7/3, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JAY Jayapura, JAY Jayapura, GENI Genyem, etc.

ISK 06 12:08:44.8, 38:72N:43:46E, h2km, ML3.2/8
DDA 06 12:08:45.0, 38:74N:43:49E, h5km, ML3.2
CSEM 06 12:08:45.7, 0.2, 38:72N:43:53E, h2km, ML3.2, Error

ellip: s-maj=6.5km s-min=3.9km az=103.0
ISC 06 12:06:45.8, 0.9, 36:70N:02:43:57E, 0.03, h15km, 7km, n52, o157/779, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VANB Van, VMUR Van-Muradiye, ERVOC ERICIS-VAN, etc.

ISC/JB 06 12:12:23.8, 0.7, 9:90N:0:04, 123:11E, 0:06, h7km, mb3.4/3, Error ellip: s-maj=8.1km s-min=5.5km az=176.1

ISC 06 12:12:23.2, 2.2, 9:60N:123:00E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.6/60, mbmtmp3.4/3, Error ellip: s-maj=103.3km s-min=37.3km az=56.0

ISC 06 12:12:24.2, 0.9, 9:86N:0:04, 123:16E:0:07, h7km, n9, o196/12, mb3.5/3, 2C-2D, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNPH Sibulan, TBP Tagbilaran, LLLP Lapu-Lapu, etc.

ISC 06 12:12:52.5, 1.8, 9:78N:123:16E, h0km, mb3.7/4, mb1 3.8/4, mb1mx3.6/60, mbmtmp3.7/4, Error ellip: s-maj=89.1km s-min=25.4km az=60.0

ISC 06 12:12:53.6, 1.9, 9:80N:0:12, 123:16E:0:05, h7km, n5, o0773/6, mb3.5/4, Negros

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

ISC 06 12:16:34.1, 999.0, 48:23N:51:22E, h0km, Error ellip: s-maj=1955.0km s-min=99.3km az=62.0, Western Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I31KZ AKTYUBINSK INF, I46RU ZALESOVO INFRA2.1, etc.

MAN 06 12:29:36.9, 88N:123:06E, h19km, mb4.8, ML3.7, MS3.7

NEIC 06 12:29:36.7, 0.4, 9:94N:123:23E, h10km, mb4.5/12, Error ellip: s-maj=10.7km s-min=7.7km az=88.0

NEIC Felt [III PIVS] at Kabankalan, Negros.
ISC/JB 06 12:29:38.4, 0.6, 9:90N:0:03, 123:09E:0:03, h31km, 5km, mb4.2/25, Error ellip: s-maj=5.6km s-min=4.5km az=135.2

ISC 06 12:29:42.5, 3.1, 9:74N:123:05E, h60km, 29km, mb3.8/16, mb1 3.8/17, mb1mx3.7/53, mbmtmp4.1/17, ML4.4/1, Error ellip: s-maj=23.9km s-min=1.9km az=69.0

ISC 06 12:29:57.8, 0.4, 9:84N:0:03, 123:07E:0:03, h20km, 3km, n70, o143/82, mb4.2/25, 4C-2D, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNPH Sibulan, TBP Tagbilaran, GUMJ Jordan, etc.

ISC 06 12:44:58.4, 2.0, 17:91S:167:37E, h0km, mb3.6/3, mb1 3.9/4, mb1mx3.6/40, mbmtmp3.6/4, ML3.2/1, MS3.7/2, Mb1 3.8/2, mb1mx3.3/36, Error ellip: s-maj=57.2km s-min=35.2km az=114.0, Vanuatu Islands

6d 14h

Table with columns: TUC, K39A, J41A, N33A, T25A, I42A, J40A, J39A, K37A, L35A, L40A, J38A, K36A, L34A, 214A, I39A, BGNE, BGNE, J37A, H41A, K35A, SDCO, SDCO, H40A, I38A, W18A, H33A, H39A, I37A, J35A, G40A, X16A, S22A, H38A, F41A, H37A, Q24A, Q24A, I35A, G39A, OGNE, G38A, J33A, H36A, MVCO, MVCO, E42A, F40A, ECSD, J32A, WUAZ, WUAZ, F39A, H35A, E40A, G36A, GLA, ISCO, F38A, E39A, H34A, SMCO, G35A, D41A, Y12C, H33A, F36A, H32A, E38A, F35A, BC3, G13A, U35A, IRM, E36A, N23A, D37A, F33A, O20A, O20A, G34A, E34A, LCMT, SRU

2012 FEB

Table with columns: C36A, MTPU, F31A, BBRC, HEC, P18A, C35A, P17A, CCUT, MSU, TMUT, C34A, BFSC, K22A, GSC, B35A, RSSD, RSSD, EDW, PSUT, AGMN, LRMC, TPNV, TPNV, FURC, B32A, MPMC, DAC, DUG, DUG, ISA, R11A, R11A, PD31, PDAR, PDAR, MDND, CWC, SYO, PKM, VES, SPUT, TOAD, TOAD, AHID, HVU, ULM, ULM, SCHO, TPWA, MOOV, IMW, NV01, NVAR, LAO, RLMT, RLMT, RLMT, H17A, KVN, DGMT, YHB, PNTR, HLID, HLID, PAHR, MFID, EGMT, O03D, BMO, MDT, M04C, F10A, YBH, BOSA, G08A, L02D, I05D, C09A, ESDC, B05A, YKA, YKWS, ILAR, ASAR, ASAR, KURK, KURK, KURB, KURB

Table with columns: ZALV, ZALV, KSH, KSH, KSH, KSH, KSH, MKAR, MKAR, HHC, HHC, HHC, CD2

IDC 06 13:51:36.4z.2.2, 10:04N:123:51E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.2/55, mbtm3.5/3, Error ellipse: s-maj=100.7km s-min=26.6km az=56.0

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

IDC 06 13:57:01.9z.1.8, 9:66N:122:69E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.2/50, mbtm3.3/3, Error ellipse: s-maj=92.8km s-min=27.1km az=57.0

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

IDC 06 14:08:20.2z.10.0, 22:91S:65:82W, h185km, 83km, mb3.1/1, mb1 3.1/2, mb1mx2.9/36, mbtm3.5/2, Error ellipse: s-maj=142.4km s-min=82.0km az=48.0

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

MAN 06 14:15:43, 10:00N:123:14E, h25km, mb3.6, ML2.3, MS1.8, 1C, Negro

comp=E,1.4nm,0.4s,baz=213,slow=6.4,SNR=6.5
YKA Yellowknife Arr 54.85 344 P P 15 50 05.3 +0.9
comp=E,0.1nm,0.4s,baz=142,slow=6.9,SNR=4.1
ASAR Alice Springs 140.26 247 PKHP PKPpre 15 59 57.1
comp=E,0.2nm,0.4s,baz=109,slow=3.6,SNR=5.6
ASAR Alice Springs 15 50 03.3 -0.1
comp=E,0.5nm,0.4s,baz=96,slow=2.3,SNR=11

MAN 06 15:41:54,9.65N:122.90E,h36km,mb3.3,ML1.9,MS1.2,
Negros
Code Station Name Az AZZ Phase ID Time Res
SNPH Sibulan 0.46 132 i P Pn 15 42 05.5 +1.6
SNPH Sibulan 15 42 13.5 +2.5
TBP Tagbilaran 0.95 88 e P Pn 15 42 11.6 +0.7

MAN 06 15:42:24,9.85N:123.21E,h32km,mb3.8,ML2.6,MS2.1,
1D,Negros
Code Station Name Az AZZ Phase ID Time Res
SNPH Sibulan 0.50 177 i P Pn 15 42 36.5 +1.5
SNPH Tagbilaran 0.66 104 e S Pn 15 42 44.9 +2.2
TBP Tagbilaran 0.66 104 e S Pn 15 42 50.4 -0.3
LLP Lapu-Lapu 0.88 58 e S Pn 15 42 40.8 0.0
LLP Lapu-Lapu 15 42 53.0 +0.8
GUIM Jordan 0.99 322 e S Pn 15 42 52.9 -1.6
GUIM Jordan 15 42 50.4 -0.3
MSLP Maasin 1.65 80 e S Pn 15 43 10.0 +3.9

MAN 06 15:46:37,10.02N:123.12E,h15km,mb3.6,ML2.3,MS1.8,
1C,Cebu
Code Station Name Az AZZ Phase ID Time Res
SNPH Sibulan 0.68 170 i P Pn 15 46 50.5 -1.1
SNPH Sibulan 15 46 59.6 -0.2
GUIM Jordan 0.80 319 e S Pn 15 46 52.2 -0.4
GUIM Jordan 15 47 06.5 +1.0
GUIM Jordan 15 46 54.5 +0.8
GUIM Jordan 15 47 06.9 +1.4
TBP Tagbilaran 0.80 114 e S Pn 15 46 52.5 -0.1
TBP Tagbilaran 15 47 03.3 +0.8
MSLP Maasin 1.72 86 e S Pn 15 47 09.3 -0.8
MSLP Maasin 15 47 31.7 -0.6

ISCJB 06 15:52:58.9.0.6,34.05N:0.03:36.07E:0.04,h10km,5km,
Error ellipse: s-maj=5.9km s-min=5.2km az=12.7
GRAL 06 15:52:59.6.0.2,34.04N:36.11E,h0km,33km,MD3.1
NSSC 06 15:52:59.3.1.1,34.06N:36.13E,h11km,5km,ML2.1
CSEM 06 15:52:59.6,34.04N:36.11E,h0km,ML3.1
ISC 06 15:52:58.7.1.0,34.04N:0.03:36.12E:0.04,h11km,12km,
n17,c0529/30,Jordan-Syria region

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res. Includes stations like Hawqa, Ras Al Marh, BHL, QASN, DQRL, TOH, SHBL, SALA, etc.

MAN 06 15:56:48,10.05N:123.32E,h0km,mb3.5,ML2.2,MS1.6,
Cebu
Code Station Name Az AZZ Phase ID Time Res
TBP Tagbilaran 0.64 124 i P Pn 15 57 01.0 +0.6
SNPH Sibulan 0.71 187 i P Pn 15 57 02.4 +0.8
MSLP Maasin 1.52 87 e P Pn 15 57 16.1 -0.3
MSLP Maasin 15 57 37.6 +0.7

MAN 06 15:58:05,9.80N:122.99E,h32km,mb3.6,ML2.3,MS1.8,
1D,Negros
Code Station Name Az AZZ Phase ID Time Res
SNPH Sibulan 0.51 152 i P Pn 15 58 16.8 +0.7
SNPH Sibulan 15 58 24.6 +0.7
TBP Tagbilaran 0.86 97 e P Pn 15 58 20.8 -0.1
GUIM Jordan 0.92 334 e P Pn 15 58 21.3 -0.4
GUIM Jordan 15 58 33.5 -0.2
MSLP Maasin 1.87 79 e P Pn 15 58 37.3 -1.2
MSLP Maasin 15 59 02.3 +0.7

MAN 06 16:00:28,9.78N:123.21E,h32km,mb3.7,ML2.4,MS1.9,
1C,Negros
Code Station Name Az AZZ Phase ID Time Res
SNPH Sibulan 0.44 177 i P Pn 16 00 39.8 +1.6
SNPH Tagbilaran 0.65 94 e P Pn 16 00 41.1 +2.1
TBP Tagbilaran 0.65 94 e P Pn 16 00 52.0 +1.9
GUIM Jordan 1.04 324 e P Pn 16 00 46.9 +0.5
GUIM Jordan 1.04 324 e P Pn 16 01 00.8 +1.0

JMA 06 16:01:24.7.0.3,32.45N:137.54E,h432km,MS3.5
ISCJB 06 16:01:25.9.0.6,32.60N:0.07:137.45E:0.07,h432km,
mb3.1/8, Error ellipse: s-maj=9.3km s-min=7.7km
az=145.1
IDC 06 16:01:27.2.0.7,32.59N:137.27E,h414km,13km,mb2.8/8,
mb1.2.9/14,mb1mx2.7/69,mbtmp3.7/14, Error ellipse:

s-maj=27.5km s-min=12.7km az=71.0
ISC 06 16:01:26.3.0.8,32.51N:0.07:137.49E:0.08,h432km,n29,
c2/02/38,mb3.1/8,Southeast of Honshu

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res. Includes stations like TOTO, JWZ, JHW, JHJ, JHW, JHW, etc.

OTT 06 16:05:12.9.0.2,73.66N:72.92W,h18km,ML3.9/13,
Baffin Bay Seismic Zone. 196km northeast from Pond
Inlet, Nu.

ISC 06 16:05:10.3.0.8,73.65N:0.05:73.09W:0.06,h10km,n21,
c248/26,1D,Baffin Bay

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res. Includes stations like TULEG, CLRN, KULLO, etc.

MAN 06 16:05:48,10.05N:123.32E,h0km,mb3.5,ML2.2,MS1.6,
Cebu
Code Station Name Az AZZ Phase ID Time Res
NUNN Nunuc Camp, Onu 10.50 226 PN SN 16 07 41.5 +0.8
NUNN Nunuc Camp, Onu 16 09 31.9 -6.2
NUNN Nunuc Camp, Onu 16 09 42.1

MAN 06 16:05:57.3.0.7,39.27N:141.17E,h128km,1km,MS3.7
Broadband fault plane solution: P waves. NP1:
phi=172.00000, delta=88.00000, lambda=84.00000. NP2:
phi=337.00000, delta=220.00000, lambda=104.00000. Principal axes:
T P1g23.00000, Azm258.00000, N P1gs.00000,
Azm350.00000, P P1g66.00000, Azm92.00000;

NIED 06 16:05:00,39.30N:141.10E,h135km,Mw3.9 Best
double couple: Mo8.70000:1014 NP1:phi=339.00000,
delta=20.00000, lambda=99.00000. NP2:phi=169.00000, delta=70.00000,
lambda=87.00000.
ISCJB 06 16:05:56.4.0.3,39.27N:0.04:141.15E:0.07,
h139km,2km,mb3.8/7, Error ellipse: s-maj=9.1km
s-min=4.8km az=25.9
IDC 06 16:05:56.1.1.1,39.27N:141.17E,h115km,11km,
mb3.6/17,mb1.3.7/23,mb1mx3.6/71,mbtmp4.0/23, Error
ellipse: s-maj=14.2km s-min=8.2km az=115.0
JMA 06 16:05:57.3.0.7,39.27N:141.17E,h128km,1km,MS3.7
Broadband fault plane solution: P waves. NP1:
phi=172.00000, delta=88.00000, lambda=84.00000. NP2:
phi=337.00000, delta=220.00000, lambda=104.00000. Principal axes:
T P1g23.00000, Azm258.00000, N P1gs.00000,
Azm350.00000, P P1g66.00000, Azm92.00000;

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res. Includes stations like JOM, JMK, JRG, etc.

ISCJB 06 16:08:27.8.0.8,10.15N:0.03:123.29E:0.03,h7km,5km,
mb4.1/20,MS3.5/15, Error ellipse: s-maj=5.0km
s-min=3.9km az=143.0

IDC 06 16:08:27.1.0.9,10.13N:123.48E,h0km,mb3.9/12,
mb1.4.0/12,mb1mx3.8/57,mbtmp3.9/12,MS3.5/17,
Ms1.1.3/5/17,ms1mx3.6/53, Error ellipse: s-maj=42.0km
s-min=20.4km az=65.0

MAN 06 16:08:10.1.11N:123.34E,h18km,mb5.2,ML4.1,MS4.3
NEIC 06 16:08:28.9.0.5,10.09N:123.34E,h10km,mb4.3/2, Error
ellipse: s-maj=15.6km s-min=9.4km az=68.0

NEIC Felt (II PIVS) at Iloilo, Panay.
ISC 06 16:08:28.5.1.2,10.15N:0.03:123.33E:0.03,h3km,8km,
n60,c171/59,mb4.1/20,MS3.5/15,4C-3D,Cebu

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

MAN 06 16:08:27.1.0.9,10.13N:123.48E,h0km,mb3.9/12,
mb1.4.0/12,mb1mx3.8/57,mbtmp3.9/12,MS3.5/17,
Ms1.1.3/5/17,ms1mx3.6/53, Error ellipse: s-maj=42.0km
s-min=20.4km az=65.0

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res. Includes stations like LLLP, TBP, SNPH, etc.

Table with columns: BUKP, Musuan, 2.62 136 eP, P, 16 51 04.7 +2.3; OTRP, Odiongan, 2.83 336 eP, P, 16 51 03.8 -2.1

ISC/JB 06 16:52:59.0, 2.0, 60.09N, 0.02, 152.77W, 0.05, h118km, 2km, mb4.0/10, Error ellipse: s-maj=4.7km, s-min=3.6km az=38.6

IDC 06 16:52:59.1, 1.6, 60.06N, 152.93W, h93km, 23km, mb3.6/9, mb1.3/7.13, mb1mx4.471, mbtmp4.013, Error ellipse: s-maj=20.8km s-min=13.3km az=135.0

NEIC 06 16:53:01.3, 0.0, 60.10N, 152.82W, h105km, ML3.6(AEIC), After AEIC

ISC 06 16:53:00.6, 0.7, 60.10N, 0.04, 152.79W, 0.04, h112km, 5km, n97, 1507/109, mb4.0/10, Southern Alaska

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Iliamna Volcan, Augustine NWes, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Cape Douglas, Spurr Coughs, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Palmer, Sawmill, Purkeypile, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Sheep Creek Mo, FID, Jack Peak, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Denali Highway, Ragged Mountain, etc.

MAN 06 16:54:27, 9.87N, 123.20E, h33km, mb3.6, ML2.3, MS1.8, ID, Negros

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Sibulan, Tagbilaran, Jordan, etc.

MAN 06 17:06:04, 9.83N, 123.18E, h31km, mb3.9, ML2.6, MS2.2, ID, Negros

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Sibulan, Tagbilaran, Jordan, etc.

MAN 06 17:07:53, 10.17N, 123.23E, h44km, mb4.0, ML2.7, MS2.3, Cebu

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Jordan, Tagbilaran, Sibulan, etc.

ISC/JB 06 17:19:22.5, 0.3, 28.37N, 0.03, 139.94E, 0.06, h398km, 3km, mb3.9/46, Error ellipse: s-maj=8.4km, s-min=4.9km az=173.0

IDC 06 17:19:22.7, 0.5, 28.32N, 139.87E, h386km, 5km, mb3.4/26, mb1.3/5.52, mb1mx4.6/1, mbtmp4.2/32, Error ellipse: s-maj=11.2km s-min=7.7km az=74.0

JMA 06 17:19:23.9, 0.1, 28.48N, 140.42E, h406km, M4.1, NEIC 06 17:19:23.9, 0.2, 28.41N, 140.00E, h404km, 9km, mb4.3/16, Error ellipse: s-maj=30.9km s-min=16.6km az=68.0

ISC 06 17:23:20.6, 28.39N, 0.05, 140.00E, 0.07, h393km, 5km, n95, c121/117, mb4.0/46, Bonin Islands Region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Chichi jima, Haha-jima-NKT, etc.

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

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

MAN 06 17:34:08, 10.01N, 123.11E, h21km, mb3.9, ML2.6, MS2.1, Cebu

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Sibulan, Jordan, Tagbilaran, etc.

Table with columns: MKAR, Makanchi Array, 48.16 309 P, P, 17 27 25.1 -0.4; MKAR, Boroyve Array, 57.39 317 P, P, 17 28 45.6 -0.3

Table with columns: MKAR, Makanchi, 48.38 309 eP, P, 17 27 26.5 -0.7; MAKZ, Kurchatov, 48.38 309 eP, P, 17 28 46.3 +0.4

Table with columns: DANN, Danging, 49.09 284 eP, P, 17 27 33.6 +0.5; KOLN, Koldanda, 49.37 283 eP, P, 17 27 34.9 -0.2

Table with columns: AKASO, Malin Array Be, 80.43 323 P, P, 17 30 51.5 -0.7; KIEV, Kurchatov, 81.47 336 P, P, 17 30 51.8 -0.5

Table with columns: ISC/JB 06 17:29:14.6, 0.6, 39.77N, 0.04, 43.59E, 0.05, h10km, 8km, Error ellipse: s-maj=7.8km s-min=4.6km az=44.8

Table with columns: DYDN, Diyadin, 0.22 161 iP, P, 17 29 19.8 -0.2; DYDN, Diyadin, 0.22 161 iS, P, 17 29 19.8 -0.2

MAN 06 17:34:08, 10.01N, 123.11E, h21km, mb3.9, ML2.6, MS2.1, Cebu

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Sibulan, Jordan, Tagbilaran, etc.

MAN 06 17:35:27.979N:123:15E, h1km, mb4.5, ML3.3, MS3.1, 1C-2D, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Sibulan, Tagbilaran, Jordan, Lapu-Lapu, San Jose, etc.

MAN 06 17:38:46.1008N:123:18E, h16km, mb3.6, ML2.3, MS1.8, 1D, Cebu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Sibulan, Tagbilaran, Jordan, Maasin, Ormoc, Pagadian.

MAN 06 17:53:02.04.4, 19.59'S-170:00'E, h0km, mb4.1/3, Mb1 4.2/4, mb1mx3.8/37, mbtmp4.0/4, ML3.4/1, MS3.4/3, Ms1 3.5/3, mb1mx2.9/37, Error ellipse: s-maj=133.9km s-min=37.8km az=130.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Sibulan, Tagbilaran, Jordan, San Jose, Maasin, Roxas, Ormoc, Pagadian, San Jose, Busp.

IGQ 06 17:59:50.8:0.7, 3'S:4'78W±1'3, h12km, MLV4.3/4, Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Riobamba, Iguata, Refugio, Estacion Bilba, Ulba Tungurahua, Ulba Tungurahua, Tungurahua Vol, Juive, Ponda, Pisayambo, Cotopaxi Volca, Cotopaxi Volca, Cotopaxi Volca, Cotopaxi 1, Antisana-La Mi, Antisana-Guama, Antisana, Terrez Guagua, Yana, Charly, Otavalo, Magdalena, Yahuarochoa, Urcuqui.

MAN 06 18:03:39.10:11N:123:19E, h1km, mb3.6, ML2.3, MS1.7, 1C-2D, Cebu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Sibulan, Tagbilaran, Jordan, Lapu-Lapu, Roxas, Dipolog City, Maasin, Ormoc, Pagadian, Odiangan, Musuan, San Jose, Coron.

MAN 06 18:03:39.10:11N:123:19E, h1km, mb3.6, ML2.3, MS1.7, 1C-2D, Cebu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Sibulan, Tagbilaran, Jordan, Lapu-Lapu, Roxas, Dipolog City, Maasin, Ormoc, Pagadian, Odiangan, Musuan, San Jose, Coron.

MAN 06 18:03:39.10:11N:123:19E, h1km, mb3.6, ML2.3, MS1.7, 1C-2D, Cebu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Sibulan, Tagbilaran, Jordan, Lapu-Lapu, Roxas, Dipolog City, Maasin, Ormoc, Pagadian, Odiangan, Musuan, San Jose, Coron.

MAN 06 18:04:46.9:91N:123:32E, h23km, mb3.9, ML2.6, MS2.2, 1C-2D, Cebu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Sibulan, Tagbilaran, Jordan, Lapu-Lapu, Roxas, Dipolog City, Maasin, Ormoc, Pagadian, Odiangan, Musuan, San Jose, Coron.

3C, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Sibulan, Tagbilaran, Lapu-Lapu, Jordan, Dipolog City, Maasin, Ormoc, Roxas, Pagadian.

IDC 06 18:15:08.5:2.4, 31.84'S:179:56E, h471km, 23km, mb3.3/4, mb1 3.5/7, mb1mx3.2/42, mbtmp4.4/7, Error ellipse: s-maj=29.9km s-min=25.1km az=51.0

ISC 06 18:15:00.5:1.4, 31.53'S:179:9W:0.2, h400km, n11, c508/13, mb3.6/4, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Urewera, Rata Peaks, Charter's Tower, Mont Dzumac, Stephens Creek, Alice Springs, Borovoye Array, Fines Array, Malin Array, Kakin Array.

MAN 06 18:15:10.10:18N:123:24E, h3km, mb4.2, ML3.0, MS2.7, 1D, Cebu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Jordan, Tagbilaran, Sibulan, Dipolog City, Maasin, Ormoc, Pagadian, Coron.

MAN 06 18:20:53.10:02N:123:26E, h22km, mb4.0, ML2.8, MS2.4, 1C-1D, Cebu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Sibulan, Tagbilaran, Lapu-Lapu, Jordan, Dipolog City, Maasin, Ormoc, Pagadian, Coron.

IDC 06 18:25:51.4:1.4, 10:28'N:123:82E, h0km, mb3.9/7, mb1 4.0/7, mb1mx3.6/52, mbtmp3.9/7, MS3.3/2, Ms1 3.3/2, ms1mx2.6/50, Error ellipse: s-maj=66.9km s-min=21.5km az=69.0

ISCJB 06 18:25:55.0:6, 9.97'N:0:04:123:23E:0.03, h1km, 6km, mb3.8/6, MS3.4/1, Error ellipse: s-maj=6.7km s-min=4.9km az=39.8

MAN 06 18:25:55.10:07N:123:28E, h16km, mb4.9, ML3.9, MS3.9, ISC 06 18:25:55.0:8, 9.97'N:0:04:123:23E:0.03, h21km, 3km, n23, c1955/26, mb3.7/6, 2C-1D, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Sibulan, Tagbilaran, Lapu-Lapu, Jordan, Dipolog City, San Jose, Maasin, Ormoc, Pagadian, Odiangan, Musuan, San Jose, Coron, Davao City (W), Bauma, Chichijima, Chiang Mai Arr, Alice Springs, Songo Array, Makanchi Array, Zalesovo Beam, Fines Array.

ISK 06 18:39:15.7, 38:78'N:43:57E, h13km, ML2.5/4, ISCJB 06 18:39:16.9:0.8, 38:84'N:0:04:43:59E:0.07, h20km, 8km, Error ellipse: s-maj=8.7km s-min=6.3km az=8.5

CSEM 06 18:39:16.3:0.2, 38:85'N:43:56E, h15km, MD2.4, Error ellipse: s-maj=6.0km s-min=4.8km az=11.0

DDA 06 18:39:17.3, 38:89'N:43:53E, h7km, Md2.4, ISC 06 18:39:16.8:1.1, 38:86'N:0:03:43:55E:0.03, h14km, 8km,

n20, c0647/33, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Van-Muradiye, ERICIS-VAN, Van, Caldiran, Tuta, Hanur-Agry, Guroymak-BITLI, Eleskirt.

NIED 06 18:43:00.36:60N:141:20E, h8km, Mw3.7 Best double couple: M3.36000x1014 NP1:26:216.00000, 849.00000, lambda-51.00000, NP2:346.00000, 654.00000, lambda-125.00000

IDC 06 18:43:52.4:1.2, 36:64'N:141:29E, h0km, mb3.9/11, mb1 4.0/14, mb1mx3.6/64, mbtmp3.9/14, ML3.2/3, MS2.9/2, CN1 2.9/2, ms1mx2.6/60, Error ellipse: s-maj=28.2km s-min=20.2km az=98.0

ISCJB 06 18:43:54.1:1.3, 36:59'N:141:26E:0.07, h23km, 6km, mb4.0/13, Error ellipse: s-maj=9.9km s-min=5.2km az=16.7

JMA 06 18:43:55.1:0.1, 36:58'N:141:16E, h33km, 1km, M3.8, JMA Fell I J1

NEIC 06 18:43:56.6:2.1, 36:62'N:141:21E, h26km, 14km, mb4.5/3, Error ellipse: s-maj=11.1km s-min=6.9km az=113.0

ISC 06 18:43:54.4:1.7, 36:61'N:140:04:141:22E:0.07, h13km, 9km, h43, c0960/45, mb4.1/13, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Hitachi, Iwakimizuishi, Kawachi, Yasato, Shitoba, Marumori, Matsushiro Arr, Matsushiro, Matsu-Tunnel, Inu, Hachijo jima 2, Asahikawa, Kura, Kunigami, Magadar, WAKE ISLAND Hy, WAKE ISLAND Hy, WAKE ISLAND Hy, WAKE ISLAND Hy, Zalesovo Beam, Zalesovo Beam, Makanchi Array, Kurchatov, Kurchatov, Borovoye Array, Alice Springs, Fines Array, Khabaz, NORSAR Array, NORSAR Array, Malin Array, Malin Array, GERES Array.

MAN 06 18:49:52.10:29N:123:18E, h29km, mb4.6, ML3.4, MS3.3, 1C-2D, Cebu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Jordan, Lapu-Lapu, Tagbilaran, Sibulan, San Jose, Ormoc, Pagadian, Odiangan, Musuan, San Jose, Coron.

MAN 06 18:49:52.10:29N:123:18E, h29km, mb4.6, ML3.4, MS3.3, 1C-2D, Cebu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Jordan, Lapu-Lapu, Tagbilaran, Sibulan, San Jose, Ormoc, Pagadian, Odiangan, Musuan, San Jose, Coron.

MAN 06 18:49:52.10:29N:123:18E, h29km, mb4.6, ML3.4, MS3.3, 1C-2D, Cebu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Jordan, Lapu-Lapu, Tagbilaran, Sibulan, San Jose, Ormoc, Pagadian, Odiangan, Musuan, San Jose, Coron.

MAN 06 18:49:52.10:29N:123:18E, h29km, mb4.6, ML3.4, MS3.3, 1C-2D, Cebu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Jordan, Lapu-Lapu, Tagbilaran, Sibulan, San Jose, Ormoc, Pagadian, Odiangan, Musuan, San Jose, Coron.

PGP Puerto Galera 3.86 3261 eP Pn 18 50 51.9 +2.4
LUBP Lubang 4.47 320 eP Pn 18 50 53.7 -4.1

MAN 06 19:01:17.959N:123:93E, h33km, mb3.8, ML2.5, MS2.0, 1C, Negros
Code Station Name Az AZZ Phase ID Time Res
SNPH Sibulan 0.72 250 iP Op ISC h m s ISC
SNPH Lapu-Lapu 0.73 3 eS Pn 19 01 31.5 +0.2
LLP Lapu-Lapu 0.73 3 eS Pn 19 01 31.5 +0.3
LLP Maasin 1.07 59 eP Pn 19 01 42.1 +1.1
MSLP Maasin 1.07 59 eP Pn 19 01 28.3 -7.4
MSLP Ormoc 1.60 25 eP Pn 19 01 47.5 +1.5

MAN 06 19:03:54.751N:126:42E, h4km, mb4.0, ML2.8, MS2.4, 1C-1D, Mindanao
Code Station Name Az AZZ Phase ID Time Res
MATI Mati 0.58 196 eP Op ISC h m s ISC
MATI Bislig 0.67 355 iP Pn 19 04 19.5 +0.4
BIPH Musuan 1.40 285 eP Pn 19 04 23.4 +2.1
BUP Butuan 1.63 331 eP Pn 19 04 25.8 +5.0
BUPT General Santos 2.03 226 iP Pn 19 04 58.9 +1.3
GSPH 19 04 28.8 -0.4

MAN 06 19:07:21.961N:123:73E, h26km, mb3.6, ML2.3, MS1.8, 1D, Negros
Code Station Name Az AZZ Phase ID Time Res
SNPH Sibulan 0.55 242 iP Op ISC h m s ISC
SNPH Lapu-Lapu 0.74 18 eP Pn 19 07 33.7 +0.5
SNPH Lapu-Lapu 0.74 18 eP Pn 19 07 48.0 +1.6

IDC 06 19:18:00.8.1.8, 15:18S:68:65W, h224km, 32km, mb3.0/2, mb1 3.1/2, mb1mx3.2/44, mbtm3.5/2, Error ellipse: s-maj=104.9km s-min=47.3km az=19.0, Central Bolivia
Code Station Name Az AZZ Phase ID Time Res
LPAZ La Paz 1.21 156 P Op ISC h m s ISC
LPAZ Torodi Ar. Bea 75.08 72 P Pn 19 19 29.0 +0.3
TORD Yellowknife Arr 85.34 340 S Pn 19 19 21.0 -0.3
SONM Songoing Array 147.18 6 PKPbc PKPbc 19 19 17.5 -0.4

NIED 06 19:19:00.35:70N:140:80E, h20km, Mw3.9 Best double couple: M0: 9.70000e1014 NP1: 9.5110000e833.00000e, 1-130.00000e, NP2: 2.160000e065.00000e, 1-67.00000e

ISCJB 06 19:19:24.3:0.8, 35:77N:0:04:140:93E:0:08, h19km, 5km, mb3.5/3, MS3.6/2, Error ellipse: s-maj=11.6km s-min=6.4km az=165.3

JMA 06 19:19:25.4:0.1, 35:74N:140:84E, h13km, 1km, M3.7 JMA Felt II J1

IDC 06 19:19:26.0:1.7, 35:87N:140:50E, h0km, mb3.6/3, mb1 3.6/5, mb1mx3.3/64, mbtm3.6/5, ML3.3/2, MS3.3/3, MS1 3.3/3, ms1mx2.6/61, Error ellipse: s-maj=33.0km s-min=27.8km az=122.0

ISC 06 19:19:25.2:1.1, 35:78N:140:47E:0:05, h6km, 10km, n23.3, s137/19, mb3.6/3, 3C-1D, Near east coast of eastern Honshu

Code Station Name Az AZZ Phase ID Time Res
CHOJ Chosi 0.11 133 iP Op ISC h m s ISC
JCN Nagara 0.58 232 iP Pn 19 19 38.1 +0.4
JYT Yasato 0.64 314 P Pn 19 19 38.6 +0.1
JYT Hitachi 0.84 350 iP Pn 19 19 45.5 +0.6
JHO Hosi 0.84 350 iP Pn 19 19 41.3 -0.9
BSO4 Boso 4 0.86 204 P Pn 19 19 54.1 -2.2
BSO3 Boso 3 1.00 192 P Pn 19 19 41.9 +0.3
BSO1 Boso 1 1.14 171 P Pn 19 19 44.0 -2.9
MJAR Matsushiro Arr 2.20 291 Pn 19 20 01.0 -1.2
MJAR 5.7km, 0.3s, baz=94, slow=8.5, SNR=75
MJAR 8.1km, 0.3s, baz=298, slow=27, SNR=2.5
MJAR 128m, 21.3s, baz=105, slow=48
MAT Matsushiro 2.20 291 Pn 19 20 02.0 -0.3
MAT Hachiojima 2 2.77 19 Pn 19 20 31.9 -1.0
JHU Hachiojima 2 2.77 19 Pn 19 20 17.1 +1.6
ASAJ Asahikawa 8.45 9 Pn 19 21 27.2 -0.8
KRSR Korea Array 10.45 283 LR 19 26 03.7
H1N2 WAKE ISLAND Hy 28.00 118 T 19 54 12.9
H1N1 WAKE ISLAND Hy 28.00 118 T 19 54 14.6
H1N3 WAKE ISLAND Hy 28.01 118 T 19 54 17.8
H1S1 WAKE ISLAND Hy 28.66 120 T 19 54 58.9
H1S3 WAKE ISLAND Hy 28.66 120 T 19 55 04.3
H1S2 WAKE ISLAND Hy 28.67 120 T 19 55 00.0
ZALV Zalesovo Beam 42.38 313 P 19 27 19.3 -0.8
MKAR Makanchi Array 44.35 303 P 19 27 36.0 -0.1
BATI Baumata 48.50 203 LR 19 48 14.7
ILAR Eielson Array 50.84 32 P 19 28 28.8 +2.6
ULM Lac du Bonnet 80.84 33 LR 20 11 09.7

IDC 06 19:22:55.8:10.0, 22:28N:144:98E, h0km, mb3.5/6, mb1 3.6/6, mb1mx3.3/59, mbtm3.5/6, Error ellipse: s-maj=266.4km s-min=50.4km az=176.0, Volcano Islands region

Code Station Name Az AZZ Phase ID Time Res
SONM Songoing Array 39.97 319 P 19 30 33.2 +1.0
MKAR Makanchi Array 55.54 312 P 19 32 32.3 -0.6
KURBB Kurchatov Arr 58.24 317 P 19 32 50.9 -1.1
ILAR Eielson Array 60.76 27 P 19 33 08.7 -0.4
BVAR Borovoye Array 63.32 319 P 19 33 26.6 +0.1
FINES FINESS Array B 83.37 35 LR 19 35 25.5 +1.0

CSEM 06 19:26:02.8:0.2, 38:69N:43:48E, h2km, ML3.1, Error ellipse: s-maj=6.0km s-min=3.8km az=95.0
DDA 06 19:26:02.5, 38:68N:43:49E, h7km, Md3.0
ISK 06 19:26:02.0, 38:71N:43:35E, h5km, ML3.1/11
ISCJB 06 19:26:03.4:0.4, 38:68N:0:02:43:4E:0:05, h14km, 3km, Error ellipse: s-maj=6.4km s-min=3.6km az=11.6

ISC 06 19:26:03.4:0.8, 38:71N:0:02:43:4E:0:03, h14km, 6km, n38, s1944/57, Turkey

Code Station Name Az AZZ Phase ID Time Res
VANB Van 0.12 197 PG Pn 19 26 06.7 -0.2
VANB 0.12 197 PG Pn 19 26 10.9 +1.7
VANB 0.12 197 eP Pn 19 26 06.7 -0.2

TVAN Van 0.18 187 iP Pn 19 26 05.5 -1.3
TVAN 0.18 187 iS Pn 19 26 10.7 -0.1
TVAN 0.18 187 P Pn 19 26 06.5 -1.3
VMUR Van-Muradiye 0.30 21 iP Pn 19 26 09.7 -1.0
VMUR 0.30 21 iS Pn 19 26 09.7 -1.0

VMUR Van-Muradiye 0.30 21 P Pn 19 26 16.2 +0.6
ERCV ERICIS-VAN 0.32 347 PG Pn 19 26 09.4 -0.7
ERCV ERICIS-VAN 0.32 347 PG Pn 19 26 15.7 -0.4
ERCV ERICIS-VAN 0.32 347 eP Pn 19 26 09.4 -0.7
GEVA Gevas 0.49 217 iP Pn 19 26 11.3 -1.9

CLDR Caldrian 0.57 41 iP Pn 19 26 14.5 -0.9
CLDR Caldrian 0.57 41 iS Pn 19 26 25.1 +1.6
CLDR Caldrian 0.57 41 P Pn 19 26 14.5 -0.9
CLDR Caldrian 0.57 41 P Pn 19 26 25.1 +1.6
BASK Baskale_VAN 0.80 145 iS Pn 19 26 16.2 -2.6

TUTA Tutak 0.84 325 iP Pn 19 26 18.4 -1.4
TUTA Tutak 0.84 325 iS Pn 19 26 18.4 -1.4
TUTA Tutak 0.84 325 P Pn 19 26 18.4 -1.4
DYND Diyadin 0.86 13 iP Pn 19 26 19.6 -0.5
DYND Diyadin 0.86 13 iS Pn 19 26 32.0 +0.4

AGRBR Hanur-Agry 0.93 339 PG Pn 19 26 30.2 +0.4
AGRBR Hanur-Agry 0.93 339 eP Pn 19 26 30.2 +0.4
GURO Guromyak-BITLI 1.11 262 PG Pn 19 26 22.4 -2.4
EKAR Karacaban 1.20 298 iP Pn 19 26 27.2 +1.2

TASS TABSURUN-IGDIR 1.42 26 Pn Pn 19 26 30.1 -0.6
TASS TABSURUN-IGDIR 1.42 26 Pn Pn 19 26 30.1 -0.6
SIRT Sirkak 1.44 213 Pn Pn 19 26 30.5 -0.6
SIRT Sirkak 1.44 213 Pn Pn 19 26 30.5 -0.6

NIED 06 19:29:00.39:60N:143:80E, h17km, Mw3.4 Best double couple: M0: 1.43000e1014 NP1: 9.1910000e833.00000e, 3.330000e083.00000e, NP2: 2.160000e065.00000e, 1-130.00000e

JMA 06 19:29:54.9:0.2, 39:57N:143:83E, h12km, M3.6, Off east coast of Honshu

Code Station Name Az AZZ Phase ID Time Res
MIYJ Miyakonagasawa 1.55 271 Pn 19 30 22.8 +0.4
MIYJ Tanohata 1.56 284 eS Pn 19 30 29.9 -0.3
OFUJ Ofunato 1.75 254 P Pn 19 30 25.4 +0.4
JANG Nango 1.95 295 P Pn 19 30 28.1 +0.3

JOM Ohasama 1.96 268 P Pn 19 30 29.0 +1.0
JMK Ichinoseki 2.12 254 P Pn 19 30 31.1 +1.0
JRC Ouri 2.23 241 Pn 19 30 32.3 +0.6
JTM Yamabayashi 2.46 312 Pn 19 30 34.1 +1.5

JRG Rokugo 2.48 267 Pn 19 30 36.5 +1.4
JAH Hinai 2.53 285 Pn 19 30 37.2 +1.4
JOU Okura 2.55 246 Pn 19 30 39.9 +1.1

MAN 06 19:42:00.9:19N:123:16E, h14km, mb4.5, ML3.4, MS3.2, 9C-1D, Negros

Code Station Name Az AZZ Phase ID Time Res
SNPH Sibulan 0.57 172 iP Op ISC h m s ISC
SNPH Tagbilaran 0.73 108 eP Pn 19 42 11.6 -0.3
SNPH Tagbilaran 0.73 108 iS Pn 19 42 16.5 +0.1

LLP Lapu-Lapu 0.89 63 eS Pn 19 42 17.6 +0.3
LLP 19 42 30.6 -0.2
GUIM Jordan 0.90 322 eP Pn 19 42 16.9 -0.5
GUIM Dipolog City 1.33 172 iP Pn 19 42 24.1 -0.1

JAP San Jose, Anti 1.45 305 iP Pn 19 42 28.4 +0.4
MSLP Maasin 1.69 82 eP Pn 19 42 31.3 +0.4
MSLP Ormoc 1.82 51 eP Pn 19 42 32.2 -0.9

PAGZ Pagadian 2.05 174 eP Pn 19 42 36.1 +0.3
BUP Butuan 2.60 111 eP Pn 19 42 49.8 +0.1
OTRP Odiongan 2.68 335 eP Pn 19 42 45.7 -2.0
BUKP Musuan 2.76 137 eP Pn 19 42 46.1 +2.2

CNP Catarman 2.97 30 eP Pn 19 42 51.8 -1.0
SJMP San Jose 3.23 322 eP Pn 19 42 52.7 +2.4
BUSE Coron 3.57 366 eP Pn 19 42 56.7 +1.3
BOAC Boac 3.75 340 eP Pn 19 43 00.8 +3.2
LQP Luokan 4.46 339 eP Pn 19 43 07.1 +3.2

Code Station Name Az AZZ Phase ID Time Res
TBP Tagbilaran 0.68 119 Op Pn 19 46 39.3 -0.9
TBP 19 46 49.4 +0.2
SNPH Sibulan 0.68 182 iP Op Pn 19 46 39.4 -0.8

SNPH Lapu-Lapu 0.73 64 eS Pn 19 52 47.4 +0.5
LLP Lapu-Lapu 0.73 64 eS Pn 19 52 38.3 -0.1
LLP Jordan 0.94 312 eP Pn 19 52 49.2 +0.6

GUIM Jordan 0.94 312 eP Pn 19 52 47.4 +0.5
GUIM Maasin 1.54 85 eS Pn 19 52 53.9 +0.1
MSLP Maasin 1.54 85 eS Pn 19 52 53.9 +0.1
OCLP Ormoc 1.66 51 eP Pn 19 53 14.7 +3.6
PAGZ Pagadian 1.24 178 eP Pn 19 52 56.6 +2.6
BUSP Coron 2.64 303 eP Pn 19 53 20.6 +2.1

MAN 06 19:54:00.9:90N:123:19E, h28km, mb3.8, ML2.6, MS2.1, 1D, Negros

Code Station Name Az AZZ Phase ID Time Res
SNPH Sibulan 0.55 175 iP Op ISC h m s ISC
SNPH Tagbilaran 0.69 107 eP Pn 19 54 11.6 +0.4
SNPH 19 54 21.8 +1.5
TBP 19 54 14.2 +0.2
TBP 19 54 24.0 +0.7

DDA 06 20:24:31.2, 39:80N:30:49E, h7km, Md2.5
CSEM 06 20:24:32.8:0.3, 39:84N:30:58E, h2km, MD2.5, Error ellipse: s-maj=7.2km s-min=5.0km az=71.0
ISK 06 20:24:32.5, 39:83N:30:53E, h5km, ML2.8/7
ISC 06 20:24:31.9:1.0, 39:83N:0:03:30:56E:0:03, h3km, 11km, n24, s0568/36, Turkey

Code Station Name Az AZZ Phase ID Time Res
BORA Eskisehir 0.10 301 Op Pn 20 24 33.7 -0.2
BORA Eskisehir 0.10 301 iS Pn 20 24 35.2 -0.0
BORA Eskisehir 0.10 301 P Pn 20 24 33.7 -0.2

ESKR Eskisehir 0.38 144 PG Pn 20 24 35.2 -0.0
ESKR Eskisehir 0.38 144 iP Pn 20 24 39.1 -0.2
ESKR Eskisehir 0.38 144 eS Pn 20 24 45.9 +1.0
ESKT Eskisehir 0.38 144 eP Pn 20 24 44.6 +0.3

SEVT Eskisehir 0.38 144 P Pn 20 24 39.1 -0.2
GULT Gulveren 0.60 357 PG Pn 20 24 46.2 +0.7
GULT Gulveren 0.60 357 eP Pn 20 24 46.2 +0.7
CAVI Cavuskovy 0.67 304 PG Pn 20 24 46.3 +0.2
GEVY SAKARYA_Geyve 0.68 343 P Pn 20 24 45.1 +0.1

Code Station Name Az AZZ Phase ID Time Res
MDJB Mudurnu 0.81 37 PG Pn 20 24 49.3 +0.7
MDJB Mudurnu 0.81 37 eP Pn 20 25 02.3 -0.4
BTAS Taskesti 0.81 24 iS Pn 20 24 47.8 +0.3
BTAS Taskesti 0.81 24 Pn 20 24 56.0 -2.1

Code Station Name Az AZZ Phase ID Time Res
SVRH Sivrihisar-Esk 0.84 117 iS Pn 20 24 49.5 +0.4
SVRH Sivrihisar-Esk 0.84 117 eP Pn 20 24 51.1 +0.4
TVSB Tavsanli 0.93 246 PG Pn 20 24 51.1 +0.4
TVSB Tavsanli 0.93 246 eP Pn 20 24 51.1 +0.4

Code Station Name Az AZZ Phase ID Time Res
SAHE Sakarya_HENDEK 1.04 12 iP Pn 20 24 52.3 +0.3
SAHE Sakarya_HENDEK 1.04 12 iS Pn 20 25 06.8 0.0
SAHE Kestanelik-??a 2.10 313 Pn Pn 20 25 10.2 -0.4
CTKS Kestanelik-??a 2.10 313 eP Pn 20 25 10.2 -0.4

IDC 06 20:27:03.0:1.5, 10:12N:123:55E, h0km, mb3.5/5, mb1 3.6/5, mb1mx3.4/57, mbtm3.5/5, MS2.9/4, Ms1 2.9/4, ms1mx2.7/31, Error ellipse: s-maj=68.0km s-min=23.4km az=164.0

MAN 06 20:27:04.10:09N:123:25E, h0km, mb4.9, ML3.8, MS3.7, ISC 06 20:27:03.5:1.5, 10:07N:0:03:123:37E:0:04, h0km, 11km, n24, s140/27, mb3.4/5, MS3.0/3, 4D, Cebu

Code Station Name Az AZZ Phase ID Time Res
TBP Tagbilaran 0.62 128 Op Pn 20 27 18.3 -1.2
TBP 20 27 29.2 -0.3
LLP Lapu-Lapu 0.64 67 eP Pn 20 27 17.8 +0.2

Code Station Name Az AZZ Phase ID Time Res
SNPH Sibulan 0.73 190 iP Op ISC h m s ISC
SNPH Tagbilaran 0.73 190 iS Pn 20 27 19.7 +0.5
SNPH Tagbilaran 0.73 190 eP Pn 20 27 19.0 +1.2

Code Station Name Az AZZ Phase ID Time Res
SCPH Surigao 2.11 98 iP Pn 20 27 42.0 -0.7
PAGZ Pagadian 2.21 180 eP Pn 20 27 44.7 +0.4
BUP Butuan 2.48 116 eP Pn 20 27 48.5 +0.6
OTRP Odiongan 2.63 330 eP Pn 20 27 48.4 +1.2

Code Station Name Az AZZ Phase ID Time Res
GUMO Guam 21.33 78 LR 20 41 27.5
CMAR Chiang Mai Arr 25.07 292 P 20 32 30.7 +0.8

2012 FEB

Table with columns: BRD, Station Name, Time, Res, and various codes. Includes stations like Keskin Array B, BOSHA, KURB, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like SWI, RKPI, FAKI, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like ILAR, NRIK, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like AFSA, BBAL, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like LPAZ, NNA, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like LBMI, KMSI, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like ACP2, CAIG, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like MATI, BIPH, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like GUMO, DAV, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like VCR, FINA, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like VCR, FINA, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like VCR, FINA, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like VCR, FINA, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like VCR, FINA, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like VCR, FINA, etc.

Table with columns: GUILM, Jordan, 0.85 327 eP, Pn, 21 19 32.8 0.0, etc.

NIED 06 21:23:00.38,40N,142:30E,h32km,Mw3.5 Best double couple: M2.010000+1.011 NP1.81100000, 839.000000, 7.8-0.000000, NP2.222222, 885.000000, 7.8-129.000000.

JMA 06 21:23:35.1-0.1,38:44N:142:18E,h29km,1km,M4.2 JMA Feil 1 JT

ICC 06 21:23:38.3-2.8,38:53N:142:28E,h59km,21km,mb3.6/6, mb1 3.6/8,mb1mx3.1/61,mbtrmp3.6/6,ML2.3/2,MS2.5/3, Ms1 2.5/3,ms1mx2.2/29,Error ellipse: s-maj=30.0km s-min=12.1km az=114.0

ISC 06 21:23:33.1-2.2,38:43N:0.05:142:25E,0.08,h14km,11km,n27,r1562/30,mb3.6/6,Near east coast of eastern Honshu

Main table for station data, including columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

RSNC 06 21:28:14.7-0.9,8:33N-77:40W,h30km,4km,ML3.6, Panama-Colombia border region

Table for RSNC station data, including columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

DDA 06 21:29:00.9,38:91N:43:48E,h7km,Md2.7 ISK 06 21:29:00.8,38:90N:43:50E,h15km,ML2.6/2

ISCJB 06 21:29:01.7-0.6,38:92N:0.03:43:52E,0.05,h11km,5km, Error ellipse: s-maj=7.1km s-min=4.6km az=30.9

CSEM 06 21:29:01.1-0.2,38:90N:43:51E,h10km,Md2.7, Error ellipse: s-maj=5.0km s-min=4.0km az=114.0

ISC 06 21:29:01.3-0.9,38:90N:0.03:43:53E,0.03,h14km,5km,n23,r0569/40,Turkey

Table for Turkey station data, including columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

TASB TASBURUN-IGDIR 1.22 27 ePn Pn 21 29 24.2 +0.2

Table for TASB station data, including columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ISCJB 06 21:36:34.4-0.5,45:94N:0.04:106:82W,0.05,h0km, Error ellipse: s-maj=6.3km s-min=5.0km az=154.6

ISC 06 21:36:34.8-1.4,45:95N:107:04W,h0km,mb1 3.2/3, mb1mx3.0/63,mbtrmp3.0/3,ML2.9/3, Error ellipse: s-maj=43.8km s-min=8.7km az=130.0

NEIC 06 21:36:35.0-0.5,45:91N:106:82W,h0km,MN2.9, Error ellipse: s-maj=8.9km s-min=5.9km az=135.0, Suspected Mining explosion.

NEIC 16 km [10 miles] W of Colstrip, ISC 06 21:36:35.1-0.9,45:96N:0.04:106:82W,0.04,h0km,n14, n14,023, Montana

Table for Montana station data, including columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

MEX 06 21:38:48.6-0.4,16:03N:97:83W,h11km,14km,MD3.8, Oaxaca

Table for MEX station data, including columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ISC 06 21:39:12.5-1.8,10:00N:123:26E,h0km,mb3.3/4, mb1 3.5/4,mb1mx3.2/61,mbtrmp3.3/4, Error ellipse: s-maj=88.9km s-min=25.3km az=60.0

MAN 06 21:39:13.10,10:05N:123:28E,h36km,mb4.9,ML3.8,MS3.8 ISCJB 06 21:39:14.7-0.6,10:07N:0.04:123:22E,0.04,h17km, mb3.4/4, Error ellipse: s-maj=6.8km s-min=5.3km az=27.5

ISC 06 21:39:14.7-0.8,10:09N:0.05:123:29E,0.04,h17km,n10, n10,14,mb3.3/4,1C,Cebu

Table for Cebu station data, including columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ECX 06 21:43:00.5-0.5,32:21N:115:29W,h6km,MD2.3,ML2.5 MEX 06 21:43:01.1-0.4,32:22N:115:16W,h16km,110km,MD3.6

ISC 06 21:43:58.7-1.2,32:20N:103:11E,h20km,ML2.6,n19,r0540/29,3C-1D,California-Baja California border region

Table for California station data, including columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

Table for Cerro Bola station data, including columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

comp=N,130nm,0.6s TJJG Tijuana 1.22 281 i P Sbn 21 43 21.0 -0.1

MAN 06 21:43:31,9:97N:123:21E,h33km,mb4.0,ML2.8,MS2.4, ID,Marques

Table for Marques station data, including columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

JMA 06 21:43:36.0-0.5,37:88N:134:16E,h419km,5km,M2.8 ISCJB 06 21:43:37.1-0.6,38:0N:0.1:134:74E,0.9,h403km, mb2.8/4, Error ellipse: s-maj=17.0km s-min=9.4km az=10.2

ISC 06 21:43:37.9-1.3,38:12N:134:80E,h394km,22km,mb2.6/4, mb1 2.8/6,mb1mx2.5/69,mbtrmp3.3/6, Error ellipse: s-maj=38.7km s-min=18.9km az=168.0

ISC 06 21:43:37.8-0.9,37:8N:0.1:134:77E,0.08,h403km,n13, n1307/14,mb2.9/4,Sea of Japan

Table for Sea of Japan station data, including columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ISK 06 21:44:23.9,38:14N:30:64E,h5km,ML2.8/4 ISCJB 06 21:44:24.3-0.5,38:15N:0.03:30:63E,0.04,h8km,6km, Error ellipse: s-maj=5.6km s-min=4.3km az=1.0

CSEM 06 21:44:24.3-0.2,38:15N:30:63E,h8km,ML2.8, Error ellipse: s-maj=4.0km s-min=2.9km az=102.0

DDA 06 21:44:24.1,38:16N:30:64E,h7km,Md2.9 ISC 06 21:44:24.3-1.0,38:16N:0.02:30:63E,0.03,h11km,9km, n21,r0539/34,Turkey

Table for Turkey station data, including columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ISC 06 21:47:43.1-1.5,27:19N:96:34E,h0km,mb3.2/4, mb1 3.4/4,mb1mx3.1/67,mbtrmp3.3/4, Error ellipse: s-maj=7.1km s-min=2.0km az=64.0

ISC 06 21:47:44.5-1.1,27:22N:0.2:96:36E,1.1,h10km,n6,r0525/6, mb3.1/4,Myanmar-India border region

Table for Myanmar-India border station data, including columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ISC 06 21:56:07.1-6.6,1:24N-127:78E,h0km,mb3.6/3, mb1 3.6/3,mb1mx3.3/49,mbtrmp3.6/3,MS3.3/3,Ms1 3.4/3, Ms1=2.7/36, Error ellipse: s-maj=729.4km s-min=21.3km az=68.0,Halmahera

Table for Halmahera station data, including columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ISC 06 22:06:47.6,38:61N:43:16E,h6km,ML2.6/5 ISCJB 06 22:06:48.0-0.4,38:64N:0.03:43:17E,0.04,h9km,5km, Error ellipse: s-maj=4.9km s-min=3.9km az=35.6

CSEM 06 22:06:48.5-0.2,38:63N:43:18E,h8km,MD2.6, Error ellipse: s-maj=3.6km s-min=3.0km az=125.0

DDA 06 22:06:48.9,38:65N:43:25E,h7km,Md2.6 ISC 06 22:06:48.9-1.0,38:64N:0.02:43:17E,0.02,h8km,9km, n27,r0564/49,Turkey

Table for Turkey station data, including columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

6d 22h

Table with columns: Station Name, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VANB, TVAN, GEVA, etc.

MAN 06:22:12.51, 10:11N:123:29E, h33km, mb3.9, ML2.7, MS2.3, 1C, Cebu

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

IDC 06:22:32.31, 4.1.5, 14:48Sx71.63W, h95km, 39km, mb3.2/2, mb1.3, 5.5, mb1mx3.3, 4.6, mbtmp3.7, Error ellipse: s-maj=162.3km s-min=11.2km az=26.0, Centripetu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LPAZ, NNA, NNA, TORO, YKA, etc.

BJI 06:22:35:09.9, 9:67N:123:36E, h7km, mb4.5/39, mb5.1/22, Ms4.4/8, Ms7.4/7

DJA 06:22:35:12.7, 1.8, 11N:121:45E, 1.2, h49km, 15km, Ms4.5/9, mb5.6/2, mb4.5/9, Mw(m)5.1/2

MAN 06:22:35:13.9, 9.11N:123:23E, h12km, mb5.2, ML4.1, MS4.2 NEIC 06:22:35:13.0, 9.90N:123:30E, h10km, mb4.6/16, Error ellipse: s-maj=8.8km s-min=5.4km az=78.0

NEIC Felt at Bacolod and Himamaylan, Negros and at Iloilo, Panay

ISCJ/B 06:22:35:15.0, 0.6, 9:84N:0:03:123:23E:0.03, h33km, 5km, mb4.3/47, MS3.6/11, Error ellipse: s-maj=4.7km s-min=4.2km az=166.1

IDC 06:22:35:21.9, 4.5, 9:81N:123:31E, h87km, 42km, mb3.9/22, mb1.4, 1/23, mb1mx3.9/64, mbtmp4.3/23, MS3.4/11, Ms1.3, 4.1/1, ms1mx3.0/56, Error ellipse: s-maj=23.9km s-min=10.1km az=77.0

ISC 06:22:35:14.1, 1.0, 9.86N:0:02:123:26E:0.03, h13km, 6km, n112, r155/121, mb4.3/47, MS3.8/11, 3C-2D, Negros

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SNPH, TBP, LLP, GUIM, etc.

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

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Main table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NJ2, IPM, GYA, KULM, etc.

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

IDC 06:22:40:29.8, 1.2, 17:29S:167:27E, h0km, mb4.2/4, mb1.4, 5.5, mb1mx4.0/47, mbtmp4.2/5, ML4.0/1, MS3.2/5, Ms1.3, 2/5, ms1mx3.0/40, Error ellipse: s-maj=49.3km s-min=23.5km az=139.0

ISCJ/B 06:22:40:31.0, 1.0, 17:47S:0:08:167:3E:0.2, h19km

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like KELR Kotokel, NIZ Nizh Angarsk, YLYR Ulyunkhan, etc.

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

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

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

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

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

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

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like MK31, MKAR, MAZK, etc.

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like MAG1, RIOE, IGUA, etc.

7d 1h

Table with columns: TGY, LQP, CMAR, KSRS, KSRS, FITZ, ASAR, MKAR, MKAR, ZALV, FINES, YKA. Includes station names, codes, and various parameters like frequency, power, and coordinates.

ISCJB 07 01:03:45.4, 0.4, 23.77N, 01:02:22.76E, 01:02, h15km, 4km, Error ellipse: s-maj=3.6km s-min=2.5km az=165.1

Main table of station data with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations from YJNG to LIOB with their respective parameters.

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Table of station data for February 2012, columns: ALS, ALS, TWG, TWG, WJS, WJS, TWQ1, TWQ1, WNT, WNT, CHNS, CHNS, TCU, STYT, STYT, WCKH, WCKH, WDLH, WDLH, CHN4, CHN4, WTP, WTP, LAY, LAY, SGST, SGST, CHN1, CHN1, CHN1, CHY, CHY, EAST, EAST, SCZT, SCZT, SCZT, PNG. Includes station names, codes, and various parameters.

ISCJB 07 01:08:27.9, 0.4, 7.47S, 0:05:15.72E, 0:06, h100km, mb4.5/24, Error ellipse: s-maj=8.0km s-min=7.4km az=178.4

NEIC 07 01:08:31.0, 1.0, 7:52S, 155:82E, h120km, 9km, mb4.6/15, Error ellipse: s-maj=9.1km s-min=7.1km az=130.0

ISC 07 01:08:32.3, 2.2, 7:55S, 155:80E, h131km, 23km, mb3.9/10, Ms1.4/0.13, mb1mx3.8/5.5, mbtmp4.4/13, MS3.4/7, Ms1.3/4.7, ms1mx3.1/3.7, Error ellipse: s-maj=20.7km s-min=15.1km az=146.0

ISC 07 01:08:29.1, 0.5, 7:42S, 0:08:15.75E, 0:06, h100km, n59, 1:52/57, mb4.5/24, Bougainville-Solomon Islands region

Main table of station data for February 2012, columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations from HNR to KLR with their respective parameters.

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Table of station data for February 2012, columns: PETK, CM31, CMAR, ULN, SONAO, SONM, SONAI, GSPA, ILAR, ILAR, ILB, MK01, MK31, MK32, MKAR, MKAR, MKAR, MAKZ, ZALV, ZALV, ZAA1, LRM, LRM, TOR, TOR, TOA1, TOA1. Includes station names, codes, and various parameters.

MEX 07 01:12:46.7, 0.3, 16:30N, 98:49W, h16km, 56km, MD3.7, Near coast of Guerrero

Table of station data for Mexico, columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations PNIG, PNIG, TLIG, TLIG.

ISCJB 07 01:12:53.7, 0.4, 47:01N, 0:04:15.97E, 0:07, h200km, mb3.7/19, Error ellipse: s-maj=8.0km s-min=3.1km az=41.2

SKHL 07 01:12:53.3, 1.0, 46:99N, 151:03E, h175km, 9km, mb5.3/4, msh4.9/3

MOS 07 01:12:53.9, 1.2, 47:37N, 150:58E, h182km, mb4.2/8, Error ellipse: s-maj=14.5km s-min=7.0km az=66.4

IDC 07 01:12:56.3, 2.0, 47:22N, 150:84E, h196km, 19km, mb3.5/19, mb1.3/22, mb1mx3.4/7.1, mbtmp4.1/22, Error ellipse: s-maj=15.6km s-min=12.6km az=142.0

JMA 07 01:12:57.5, 0.6, 46:13N, 151:26E, h204km, M4.0

ISC 07 01:12:54.5, 0.6, 46:97N, 0:06:15.93E, 0:07, h200km, n91, 2:47/104, mb3.9/19, 10C-5D, Kuril Islands

Main table of station data for February 2012, columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations from KUR to SKR with their respective parameters.

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Table with columns: Sd, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Saint Saulge, Lormes, and Bois d'Angland.

Table with columns: TUMC, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Rioblanco, SOTA, and TUMC.

Table with columns: Y46A, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Houston, Woodville, and Westpoint.

MAN 07 02:17:39, 10.03N-123.22E, h28km, mb3.7, ML2.4, MS1.9, 1D, Cebu

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Sibulan, Tagbilaran, and Jordan.

ISC/JB 07 02:18:22.8±0.2, 3.58S; 0.02±77.35W±0.03, h35km, mb4.7/149, MS3.9/4, Error ellipse: s-maj=4.8km

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Santo Domingo, La Paz, and JuntasAbangare.

ISC/JB 07 02:18:24.3±0.7, 4.59S; 77.8W±, h22km±14km, M5.2/27, MLV5.2/27

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like IPOC Station P, San Ignacio, and Teiguigalpa.

ISC/JB 07 02:18:24.3±5.2, 3.56S; 77.38W, h28km±36km, mb4.2/19, mb1.4/3.25, mb1mx4.4/47, mbtmp4.3/25, ML3.5/6, MS3.8/9

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Riobamba, Ulba Tungurahua, and Estacion Bilba.

ISC/JB 07 02:18:24.9±0.3, 3.58S; 0.04±77.26W±0.05, h65km, n564, c1943/584, mb4.7/149, MS3.8/4, Peru-Ecuador border region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like IPOC Station P, San Juan, and Frank Sound.

ISC/JB 07 02:18:25.7±0.4, 3.61S; 77.34W, h42km±9km, mb4.7/139, Error ellipse: s-maj=4.7km s-min=2.9km az=66.0

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like IPOC Station P, San Juan, and San Juan.

Large table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Riobamba, Ulba Tungurahua, Estacion Bilba, and many others.

Large table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like IPOC Station P, San Juan, Frank Sound, and many others.

Large table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Princeton, Clayton, Parma, and many others.

WMOK	Wichita Mounta	43.16 334	eP	P	02 26 22.0	-0.3
V35A	Meyer Ranch, C	43.23 337	P	P	02 26 22.0	-0.8
V35A	Meyer Ranch, C	43.23 337	eP	P	02 26 22.2	-0.6
R43A	Red Bud	43.27 345	P	P	02 26 21.8	-1.3
S40A	Lebanon	43.35 342	P	P	02 26 22.1	-1.7
U36A	Oologah	43.35 338	P	P	02 26 22.9	-0.9
MVL	Millersville	43.38 1	eP	P	02 26 24.1	+0.2
CCM	Cathedral Cave	43.41 344	P	P	02 26 23.0	-1.2
CCM	Cathedral Cave	43.41 344	eP	P	02 26 22.6	-1.7
T38A	Diamond	43.42 340	P	P	02 26 22.9	-1.4
Q45A	Warren Harvey,	43.45 348	P	P	02 26 22.4	-2.1
R42A	Luebbing	43.50 344	P	P	02 26 22.9	-2.0
Q44A	Meyer Farm, Va	43.65 347	P	P	02 26 24.1	-2.0
O56A	Blue Knob Stat	43.66 359	P	P	02 26 26.7	+0.5
P47A	Martinsville	43.66 350	P	P	02 26 24.7	-1.5
R41A	Rosebud	43.68 344	P	P	02 26 24.7	-1.6
S39A	Bolivar	43.69 341	P	P	02 26 24.9	-1.6
T37A	Cheneyville 18	43.71 339	P	P	02 26 25.5	-1.2
U35A	Pawnee	43.72 337	P	P	02 26 26.1	-0.7
U35A	Pawnee	43.72 337	eP	P	02 26 26.3	-0.4
S38A	Stockton	43.83 341	P	P	02 26 25.8	-1.8
ACSO	Alum Creek Sta	43.92 354	P	P	02 26 27.7	-0.6
ACSO	Alum Creek Sta	43.92 354	eP	P	02 26 28.2	0.0
R40A	Maddies Statio	43.92 343	P	P	02 26 26.6	-1.8
T36A	Boggs Farm, Ca	44.00 338	P	P	02 26 28.2	-0.9
LUPA	Lehigh Univers	44.00 2	eP	P	02 26 28.6	-0.4
SSPA	Standing Stone	44.01 359	P	P	02 26 29.3	+0.3
P44A	Sand Creek, Wi	44.10 347	P	P	02 26 27.5	-2.2
T35A	Sooner Cattle	44.11 338	P	P	02 26 29.3	+0.6
MNTX	Cornudas Mount	44.12 325	P	P	02 26 29.7	-0.5
MNTX	Cornudas Mount	44.12 325	eP	P	02 26 29.6	-0.5
R39A	Chumby, Stover	44.18 342	P	P	02 26 28.5	-1.9
Q41A	Truxton	44.25 344	P	P	02 26 29.6	-1.3
S37A	Fort Scott	44.25 340	P	P	02 26 29.7	-1.4
N59A	State Game Lan	44.31 2	P	P	02 26 32.2	+0.8
R38A	Fenwick Farm,	44.33 341	P	P	02 26 30.3	-1.3
O47A	Sheridan	44.37 350	P	P	02 26 30.8	-1.1
N54A	Moraine State	44.40 357	P	P	02 26 32.4	+0.3
N54A	Moraine State	44.40 357	eP	P	02 26 32.8	+0.6
MSTX	Muleshoe	44.44 329	P	P	02 26 32.2	-0.5
MSTX	Muleshoe	44.44 329	eP	P	02 26 32.6	-0.1
T34A	McClaskey Farm	44.46 337	P	P	02 26 32.2	-0.5
P43A	Skaggs, Pawnee	44.47 346	P	P	02 26 31.0	-1.7
S36A	Lake Cedric, C	44.49 339	P	P	02 26 31.8	-1.1
Q40A	Laux Farm, Aux	44.52 343	P	P	02 26 31.8	-1.4
P42A	Winchester	44.62 346	P	P	02 26 32.4	-1.5
AMTX	Amarillo	44.62 331	P	P	02 26 34.0	-0.1
AMTX	Amarillo	44.62 331	eP	P	02 26 34.3	+0.1
U32A	Winter Ranch,	44.65 335	P	P	02 26 34.1	-0.1
S35A	Otter Creek Ra	44.71 338	P	P	02 26 33.8	-0.9
Q39A	Willow Grove F	44.83 343	P	P	02 26 33.8	-1.8
P41A	Barry, Barry	44.88 345	P	P	02 26 33.8	-2.2
M54A	Oil Creek Stat	44.93 357	P	P	02 26 35.2	-1.2
M54A	Oil Creek Stat	44.93 357	eP	P	02 26 36.3	-0.1
Q38A	Cooks Store, C	44.95 342	P	P	02 26 34.9	-1.7
R36A	Gordon, Harris	44.99 340	P	P	02 26 35.4	-1.5
P40A	Paris	45.01 344	P	P	02 26 34.9	-2.1
S34A	Willow Spring	45.02 338	P	P	02 26 36.3	-0.9
L44Y	Alegheny Colle	45.09 357	eP	P	02 26 37.7	0.0
P39B	Salisbury	45.17 343	P	P	02 26 36.3	-2.0
N45A	Kentland	45.20 349	P	P	02 26 36.5	-2.0
O41A	Passleys Farm,	45.25 345	P	P	02 26 37.1	-1.8
N44A	Piper City	45.27 348	P	P	02 26 37.1	-2.0
HDIL	Hopedale	45.29 347	P	P	02 26 37.3	-2.0
O40A	La Belle	45.52 344	P	P	02 26 39.0	-2.1
P38A	Dawn	45.53 342	P	P	02 26 39.7	-1.5
Q36A	Arnold, C. Orve	45.55 340	P	P	02 26 39.9	-1.5
ERPA	Erie	45.55 357	P	P	02 26 41.4	+0.1
BINY	Binghamton	45.58 1	P	P	02 26 42.4	+0.9
BINY	Binghamton	45.58 1	eP	P	02 26 41.8	+0.2
R34A	Isabella, Hill	45.60 338	P	P	02 26 41.1	-0.7
Q35A	Mercer Eighty,	45.66 339	P	P	02 26 41.4	-0.8
N42A	Yates City	45.72 346	P	P	02 26 40.6	-2.0
P37A	Lathrop	45.75 342	P	P	02 26 41.4	-1.5
O39A	Dawn	45.83 344	P	P	02 26 42.2	-1.3
Q38A	Galt	45.97 343	P	P	02 26 43.3	-1.4
Q34A	Chapman	46.03 339	P	P	02 26 44.4	-0.8
P36A	Good Intent, A	46.06 341	P	P	02 26 44.2	-1.2
KSU1	Kansas State U	46.08 339	P	P	02 26 44.5	-1.0
KSU1	Kansas State U	46.08 339	eP	P	02 26 45.0	-0.5
121A	Cookes Peak, D	46.13 323	P	P	02 26 46.4	+0.1
O37A	Wolven Farm, M	46.22 342	P	P	02 26 45.2	-1.3
P31A	Douglas	46.24 321	eP	P	02 26 47.9	+0.8
P35A	Duane Minner,	46.25 340	P	P	02 26 45.5	-1.4

N39A	Derby Farms, D	46.39 344	P	P	02 26 46.1	-1.9
O36A	Bolckow	46.44 341	P	P	02 26 46.5	-1.8
N38A	Joe South For	46.52 343	P	P	02 26 47.5	-1.4
P34A	Walnut Farm, R	46.55 339	P	P	02 26 48.4	-0.8
BNM	Barren Site	46.64 326	eP	P	02 26 50.2	0.0
L43A	Wester Prairie	46.73 348	P	P	02 26 48.0	-1.8
L42A	Oliver, Polo	46.76 347	P	P	02 26 49.1	-1.7
M39A	Wester	46.87 345	P	P	02 26 49.8	-1.9
L41A	Preston	47.01 347	P	P	02 26 50.6	-2.1
CBKS	Cedar Bluff	47.02 336	eP	P	02 26 53.6	+0.6
N36A	Muff Farm, Cla	47.06 342	P	P	02 26 51.9	-1.3
M38A	Pleasantville	47.09 344	P	P	02 26 52.0	-1.4
LAZ	Ladron	47.11 326	eP	P	02 26 51.6	-2.3
ANMO	Albuquerque	47.13 327	P	P	02 26 54.2	+0.1
ANMO	Albuquerque	47.13 327	eP	P	02 26 54.3	+0.2
L40A	Anamosa	47.17 346	P	P	02 26 52.8	-1.3
O33A	Hebron	47.29 339	P	P	02 26 54.0	-1.0
N35A	Tabor	47.32 341	P	P	02 26 53.8	-1.4
M37A	Trindie Farm,	47.32 343	P	P	02 26 54.0	-1.2
K42A	Prairie Point,	47.43 348	P	P	02 26 54.5	-1.5
L38A	Oak Wood Farm,	47.49 344	P	P	02 26 56.1	-2.0
JFWS	Jewell Farm	47.75 347	P	P	02 26 56.7	-1.8
T25A	Trinidad	47.75 330	P	P	02 26 58.7	-0.2
T25A	Trinidad	47.75 330	eP	P	02 26 58.9	0.0
K40A	Colesburg	47.75 346	P	P	02 26 56.6	-1.9
TUC	Tucson	47.82 321	eP	P	02 26 59.2	-0.1
J43A	Natural Harves	47.82 349	P	P	02 26 57.6	-1.5
MHTCO	State Highway	47.88 330	eP	P	02 27 00.3	+0.4
M34A	Aspy Farms, Fr	48.21 341	P	P	02 27 00.8	-1.3
I43A	Langenfeld Bro	48.26 349	P	P	02 27 01.7	-0.7
PLVO	Plevna	48.41 0	eP	P	02 27 03.4	-0.1
KSCO	Kaye Shedlock'	48.42 333	eP	P	02 27 04.1	+0.2
K36A	Gilmore City	48.57 343	eP	P	02 27 03.8	-1.0
B32A	Belgrade	48.66 339	eP	P	02 27 04.7	-1.0
H43A	Windswept, Lux	48.76 350	P	P	02 27 05.4	-0.8
SDCO	Great Sand Dun	48.77 330	P	P	02 27 07.0	+0.2
SDCO	Great Sand Dun	48.77 330	eP	P	02 27 07.3	+0.5
214A	Orcod Pipe Nat	48.89 319	P	P	02 27 07.5	-0.1
H42A	Shiocton	48.93 349	P	P	02 27 06.7	-0.9
W18A	Petrified Fore	49.11 324	P	P	02 27 09.3	-0.1
W18A	Petrified Fore	49.11 324	eP	P	02 27 09.0	-0.3
I38A	Scanlan Farm	49.31 346	P	P	02 27 08.1	-2.3
S22A	4UR Ranch, Cre	49.44 329	eP	P	02 27 11.9	-0.1
Q24A	Divide	49.55 331	eP	P	02 27 11.7	-1.1
X16A	Lo Mia Camp, P	49.64 322	eP	P	02 27 14.2	+0.8
G41A	Antigo	49.73 349	P	P	02 27 12.6	-1.1
MVCO	Mesa Verde	49.92 327	P	P	02 27 15.4	-0.2
MVCO	Mesa Verde	49.92 327	eP	P	02 27 15.4	-0.2
H36A	Jesseland, He	50.22 345	P	P	02 27 16.1	-1.3
ECSD	EROS Data Cent	50.22 342	P	P	02 27 15.9	-1.5
ECSD	EROS Data Cent	50.22 342	eP	P	02 27 16.1	-1.3
WUAZ	Wupatki	50.34 324	P	P	02 27 19.0	+0.3
WUAZ	Wupatki	50.34 324	eP	P	02 27 18.4	-0.3
ISCO	Idaho Springs	50.43 332	P	P	02 27 19.5	0.0
ISCO	Idaho Springs	50.43 332	eP	P	02 27 19.0	-0.3
E43A	Lone Tree Farm	50.49 351	P	P	02 27 18.3	-1.1
SMCO	Snowmass	50.60 330	eP	P	02 27 21.7	+0.8
PV01	Paradox Valley	50.64 328	eP	P	02 27 21.6	+0.7
PV05	Paradox Valley	50.88 338	eP	P	02 27 23.0	+0.2
F38A	Pierce - Schro	51.01 347	P	P	02 27 22.1	-1.2
E40A	Waxfield	51.06 349	P	P	02 27 22.5	-1.2
PV10	Paradox Valley	51.06 328	eP	P	02 27 23.6	-0.6
PV09	Paradox Valley	51.20 328	eP	P	02 27 25.2	-0.1
U15A	North Rim	51.51 324	eP	P	02 27 28.4	+0.8
U15A	Pilot Hill	51.55 333	eP	P	02 27 35.8	-2.3
PHWY	Pilot Hill	51.59 321	eP	P	02 27 28.0	+0.1
W13A	Hualapai Mount	51.59 319	P	P	02 27 28.7	+0.5
BC3	Big Chucakwall	51.69 319	P	P	02 27 28.2	-0.6
IRM	Iron Mountain	51.80 320	P	P	02 27 28.7	-0.8
E36A	McGregor	51.86 346	P	P	02 27 28.6	-1.0
MONP2	Monument Peak	51.87 318	P	P	02 27 29.5	-0.7
G32A	Webster	51.87 342	P	P	02 27 28.7	-1.1
O20A	White River Ci	51.97 330	P	P	02 27 29.3	-1.6
O20A	White River Ci	51.97 330	eP	P	02 27 30.5	-0.4
F33A	5 Mile Ranch,	52.04 343	P	P	02 27 30.1	-0.9
E35A	Pequot Lakes	52.18 345	P	P	02 27 31.4	-0.7
BELC	Belle Mtn. Jos	52.25 319	P	P	02 27 32.8	-0.3
D37A	Cotton	52.27 347	P	P	02 27 32.0	-0.7
PFO	Pinyon Flats O	52.32 318	P	P	02 27 32.9	-0.6
PFO	Pinyon Flats O	52.32 318	eP	P	02 27 33.0	-0.6
SRU	San Rafael Swe	52.39 327	eP	P	02 27 34.4	+0.3
LCMT	Little Creek M	52.47 324	eP	P	02 27 34.3	-0.3
GMRC	Granite Mounta	52.52 320	P	P	02 27 34.4	-0.5
MTPU	Mount Pierson	52.56 325	eP	P	02 27 35.5	0.0
Q16A	Castle Valley	52.61 327	eP	P	02 27 36.5	+0.9
P18A	Preston Nutter	52.62 328	eP	P	02 27 36.3	+0.4
F31A	Hecla	52.65 342	P	P	02 27 34.4	-1.2
RWWY	Rawlins	52.66 332	eP	P	02 27 36.3	+0.2

C37A	Embarrass	52.75 347	P	P	02 27 35.2	-1.2
SZCU	Shurtz Canyon	52.77 324	eP	P	02 27 37.4	+0.7
P17A	Butcher Ranch,	52.77 328	eP	P	02 27 36.9	+0.1
EYMN	Ely	52.81 348	P	P	02 27 35.5	-1.3
MSU	Marysvale	52.88 326	eP	P	02 27 38.3	+0.6
TMUT	Trail Mountain	52.90 327	eP	P	02 27 37.9	0.0
CCUT	Cedar City	52.90 324	eP	P	0	

Table with columns: Station ID, 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, Azimuth Bias Standard Deviation, Elevation Bias Standard Deviation.

Table with columns: Station ID, 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, Azimuth Bias Standard Deviation, Elevation Bias Standard Deviation.

Table with columns: Station ID, 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, Azimuth Bias Standard Deviation, Elevation Bias Standard Deviation.

IDC 07 02:59:33.7±13.0, 5.305±147.83E, h0km, mb3.3/2, mb1 3.4/2, mb1mx3.3/4.0, mbtmp3.4/2, Error ellipse: s-maj=439.7km s-min=36.5km az=103.0, Eastern New Guinea region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, ISC, Time, Res, ISC.

IDC 07 03:01:06.3±2.0, 17.63S±167.31E, h0km, mb3.9/3, mb1 4.0/4, mb1mx3.7/39, mbtmp3.8/4, ML3.1/1, Error ellipse: s-maj=63.7km s-min=32.4km az=123.0, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, ISC, Time, Res, ISC.

DJA 07 03:01:35.1±1.1, 1°S, 3°12'0E, h16km±9km, M3.9/6, ML3.9/6, Sulawesi

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, ISC, Time, Res, ISC.

IDC 07 03:21:20.5±1.7, 17.63S±167.31E, h0km, mb4.0/3, mb1 4.2/4, mb1mx3.8/39, mbtmp4.1/4, ML4.5/1, MS3.1/5, Ms1 3.1/5, mb1mx2.9/38, Error ellipse: s-maj=62.3km s-min=29.1km az=123.0, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, ISC, Time, Res, ISC.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like KORT, BODT, DENT, etc.

DDA 07:05:56.51, 5.35:99N:28.94E, h6km, ML3.0
CSEM 07:05:56.52, 1.0, 6.35:99N:28.94E, h2km, ML3.0, Error
ellipse: s-maj=10.5km s-min=8.0km az=1.0, Suspected

ISK 07:05:56.54, 4.37:07N:28.81E, h5km, MD2.2, Suspected
Mining explosion.

ISC 07:05:56.8, 3.0, 36.0N:01:28.85E, 0.06, h1km, 12km, n14,
o542/26, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like FETY, ELL, ELM, etc.

ISN 07:06:02:10.7, 0.9, 35:03N:45.74E, h0km, 3km, ML3.2
CSEM 07:06:02:13.7, 0.3, 34:32N:45.71E, h10km, ML3.2, Error
ellipse: s-maj=8.3km s-min=5.9km az=137.0

TEH 07:06:13.1, 34:96N:45.72E, h5km, ML3.2, 3C-3D,
Iran-Iraq border region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like IDHR, ILIN, IVIS, etc.

NEIC 07:06:03.48, 3.0, 37:58S:176.85E, h145km, ML4.2(WEL),
After WEL.

WEL 07:06:03.48, 5, 38S:3:177E, h142km, 5km, North Island

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like WHRZ, OPRZ, MARZ, etc.

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

ISC 07:06:12:39.8, 1.9, 18:02S:167.54E, h0km, mb4.2/5,
mb1 4.3/6, mb1mx3.9/44, mbtmap4.1/6, ML3.5/1, MS4.0/2,
MS1 4.0/2, mb1mx2.9/33, Error ellipse: s-maj=48.9km
s-min=26.4km az=114.0, Vanuatu Islands

IDC 07:06:12:39.8, 1.9, 18:02S:167.54E, h0km, mb4.2/5,
mb1 4.3/6, mb1mx3.9/44, mbtmap4.1/6, ML3.5/1, MS4.0/2,
MS1 4.0/2, mb1mx2.9/33, Error ellipse: s-maj=48.9km
s-min=26.4km az=114.0, Vanuatu Islands

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

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

IDC 07:06:12:39.8, 1.9, 18:02S:167.54E, h0km, mb4.2/5,
mb1 4.3/6, mb1mx3.9/44, mbtmap4.1/6, ML3.5/1, MS4.0/2,
MS1 4.0/2, mb1mx2.9/33, Error ellipse: s-maj=48.9km
s-min=26.4km az=114.0, Vanuatu Islands

IDC 07:06:12:39.8, 1.9, 18:02S:167.54E, h0km, mb4.2/5,
mb1 4.3/6, mb1mx3.9/44, mbtmap4.1/6, ML3.5/1, MS4.0/2,
MS1 4.0/2, mb1mx2.9/33, Error ellipse: s-maj=48.9km
s-min=26.4km az=114.0, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like I46RU, ZAAO, ZAAO, etc.

2012 FEB

7d 8h

MAN 07 07:05:11,10.06N-123.22E,h34km,mb3.9,ML2.7,MS2.3, 1D,Cebu
Code Station Name Az Phase ID Time Res
SNPH Sibulan 0.72 179 Op ISC h m s ISC

MAN 07 07:06:43,10.00N-123.27E,h34km,mb4.1,ML2.9,MS2.5, 1C-1D,Negros

Code Station Name Az Phase ID Time Res
SNPH Sibulan 0.65 183 Op ISC h m s ISC
SNPH Sibulan 0.66 118 Op ISC h m s ISC
TBP Tagbilaran 0.73 120 Op ISC h m s ISC

IDC 07 07:11:35.6:1.9,17.54S-167.28E,h0km,mb4.0/3, mb1.4/1.4,mb1mx3.8/46,mbtmp4.0/4,ML3.9/1,MS3.0/1, Ms1.3.0/1,ms1mx2.4/36,Error ellipse: s-maj=60.8km s-min=30.7km az=124.0,Vanuatu Islands

Code Station Name Az Phase ID Time Res
DZM Mont Dzumac 4.58 190 Op ISC h m s ISC
DZM Mont Dzumac 6.1mm,0.3s,baz=31,slow=19,SNR=27

DJA 07 07:11:39.7:0.9,7.5:13x10E+2,h87km,13km,M4.0/7, MLv4.0/7,Jawa

Code Station Name Az Phase ID Time Res
SKJI Sukabumi 0.47 68 Op ISC h m s ISC
CGJJ Cibung 0.70 323 Op ISC h m s ISC
DBJI Dramaga 0.88 45 P Pn 07 11 58.9+1.0

NNC 07 07:20:07.3:2.9,53.72N-88.10E,h0km,mb3.3,mpv3.0, Error ellipse: s-maj=23.8km s-min=11.1km az=60.0

IDC 07 07:20:06.9:2.8,53.76N-88.17E,h0km,mb1.3/2, mb1mx3.0/69,mbtmp3.2/2,ML3.0/2,7C-2D,Error ellipse: s-maj=23.4km s-min=16.9km az=55.0,Southwestern Siberia

Code Station Name Az Phase ID Time Res
ZAA0 Zalesovo Array 1.99 277 Op Pn 07 20 42.4+0.6
ZAA0 6.8mm,0.7s
ZALV Zalesovo Beam 1.99 277 Pn 07 20 42.1+0.3

MAN 07 07:23:32.9:39.9N-123.21E,h29km,mb4.5,ML3.4,MS3.2, 2C,Negros

Code Station Name Az Phase ID Time Res
SNPH Sibulan 0.54 177 Op ISC h m s ISC
SNPH Sibulan 0.54 177 Op ISC h m s ISC
TBP Tagbilaran 0.68 107 Op ISC h m s ISC

MEX 07 07:26:17.4:0.4,14.76N-93.28W,h32km,9km,MD3.7, Near coast of Chiapas

Code Station Name Az Phase ID Time Res
PCIG Comitan 0.94 4 Op ISC h m s ISC
PCIG Comitan 0.94 4 Op ISC h m s ISC
CCIG Comitan 1.88 36 Op Pn 07 26 42.2-2.6

MEX 07 07:28:32.0:0.3,18.18N-101.09W,h5km,999km,MD3.8, Guerrero

Code Station Name Az Phase ID Time Res
ZIIG Zihuatanejo 0.68 212 Op ISC h m s ISC
ZIIG Zihuatanejo 0.68 212 Op ISC h m s ISC
ARIG Puente Sto Nin 0.71 82 Op Pn 07 28 44.5-1.1

IDC 07 07:43:22.1:2.0,17.73S-167.32E,h0km,mb3.9/3,

mb1.4/0.4,mb1mx3.7/39,mbtmp3.8/4,ML3.4/1,MS4.2/1, Ms1.4.2/1,ms1mx2.8/35,Error ellipse: s-maj=55.7km s-min=29.6km az=113.0,Vanuatu Islands
Code Station Name Az Phase ID Time Res
DZM Mont Dzumac 4.40 191 Op ISC h m s ISC

NEIC 07 07:53:54.7:0.0,16.19N-95.00W,h69km,MD4.2(MEX), After MEX.

MEX 07 07:53:54.7:0.3,16.19N-95.00W,h69km,13km,MD4.2, Oaxaca

Code Station Name Az Phase ID Time Res
HUIG Huatulco 1.15 249 Op ISC h m s ISC
HUIG Huatulco 1.15 249 Op Pn 07 54 13.7-1.3
HUIG Huatulco 1.15 249 Op Pn 07 54 28.3-1.9

TIF 07 08:00:39.1,43.24N-46.19E,h13km,1km

CSEM 07 08:00:41.5:0.2,43.15N-46.19E,h2km,mb3.8,Error ellipse: s-maj=6.1km s-min=2.7km az=19.0

MOS 07 08:00:41.9:1.4,43.10N-46.23E,h12km,mb3.8/1,Error ellipse: s-maj=6.5km s-min=4.8km az=37.3

ISC 07 08:00:41.4:1.1,43.16N-0.003:46.21E,0.02,h3km,9km, n79,r121/131,1C-2D,Eastern Caucasus

Code Station Name Az Phase ID Time Res
GROC Groznyy 0.30 277 Op Pn 08 00 48.4-1.2
GROC Groznyy 0.30 277 Op Pn 08 00 53.3
GROC Groznyy 0.30 277 Op Pn 08 00 48.4-1.2

IDC 07 08:06:26.0:1.9,17.54S-167.42E,h0km,mb3.7/3, mb1.3.9/4,mb1mx3.5/48,mbtmp3.7/4,ML3.3/1,Error ellipse: s-maj=64.7km s-min=31.2km az=124.0,Vanuatu Islands

Code Station Name Az Phase ID Time Res
DZM Mont Dzumac 4.60 191 Op Pn 07 26 42.0-0.9
DZM 1.4mm,0.3s,baz=24,slow=20,SNR=9.7
DZM 7.4mm,0.6s

IDC 07 08:06:55.10:19N-123.27E,h15km,mb4.7,ML3.6,MS3.5, 2C-2D,Cebu

Code Station Name Az Phase ID Time Res
LLP Lapu-Lapu 0.70 80 Op ISC h m s ISC
LLP Lapu-Lapu 0.70 80 Op ISC h m s ISC
TBP Tagbilaran 0.77 130 Op Pn 07 07 09.7-0.3

IDC 07 08:09:4.1:6,18.01S-167.52E,h0km,mb4.4/9, mb1.4/5/10,mb1mx4.2/44,mbtmp4.4/10,ML3.8/1,MS3.5/12, Ms1.3.5/12,ms1mx3.3/39,Error ellipse: s-maj=42.9km s-min=22.2km az=119.0

NEIC 07 08:09:10.6:0.5,17.95S-167.42E,h10km,mb4.6/8,Error ellipse: s-maj=11.7km s-min=9.2km az=121.0

ISCJB 07 08:09:11.7:0.8,18.00S-167.3E,0.1,h23km, mb4.4/14,MS3.5/10,Error ellipse: s-maj=18.0km s-min=8.7km az=178.9

ISC 07 08:09:12.5:0.9,17.98S-167.4E,0.1,h23km,n41, 34E,74/32,mb4.5/13,MS3.4/10,Vanuatu Islands

Code Station Name Az Phase ID Time Res
DZM Mont Dzumac 4.18 193 Pn 08 10 14.0-1.0
DZM 5.1mm,0.3s,baz=29,slow=18,SNR=13
DZM 6.7mm,0.3s,baz=325,slow=23,SNR=9.2

PRTR Dusheti 1.55 227 P Sg 08 01 30.6-0.3
DUS Dusheti 1.55 227 P Sg 08 01 30.6-0.3
DUS Dusheti 1.55 227 P Sg 08 01 32.7+1.6

IDC 07 08:06:26.0:1.9,17.54S-167.42E,h0km,mb3.7/3, mb1.3.9/4,mb1mx3.5/48,mbtmp3.7/4,ML3.3/1,Error ellipse: s-maj=64.7km s-min=31.2km az=124.0,Vanuatu Islands

Code Station Name Az Phase ID Time Res
DZM Mont Dzumac 4.60 191 Op Pn 07 26 42.0-0.9
DZM 1.4mm,0.3s,baz=24,slow=20,SNR=9.7
DZM 7.4mm,0.6s

IDC 07 08:06:55.10:19N-123.27E,h15km,mb4.7,ML3.6,MS3.5, 2C-2D,Cebu

Code Station Name Az Phase ID Time Res
LLP Lapu-Lapu 0.70 80 Op ISC h m s ISC
LLP Lapu-Lapu 0.70 80 Op ISC h m s ISC
TBP Tagbilaran 0.77 130 Op Pn 07 07 09.7-0.3

IDC 07 08:09:4.1:6,18.01S-167.52E,h0km,mb4.4/9, mb1.4/5/10,mb1mx4.2/44,mbtmp4.4/10,ML3.8/1,MS3.5/12, Ms1.3.5/12,ms1mx3.3/39,Error ellipse: s-maj=42.9km s-min=22.2km az=119.0

NEIC 07 08:09:10.6:0.5,17.95S-167.42E,h10km,mb4.6/8,Error ellipse: s-maj=11.7km s-min=9.2km az=121.0

ISCJB 07 08:09:11.7:0.8,18.00S-167.3E,0.1,h23km, mb4.4/14,MS3.5/10,Error ellipse: s-maj=18.0km s-min=8.7km az=178.9

ISC 07 08:09:12.5:0.9,17.98S-167.4E,0.1,h23km,n41, 34E,74/32,mb4.5/13,MS3.4/10,Vanuatu Islands

Code Station Name Az Phase ID Time Res
DZM Mont Dzumac 4.18 193 Pn 08 10 14.0-1.0
DZM 5.1mm,0.3s,baz=29,slow=18,SNR=13
DZM 6.7mm,0.3s,baz=325,slow=23,SNR=9.2

IDC 07 08:06:26.0:1.9,17.54S-167.42E,h0km,mb3.7/3, mb1.3.9/4,mb1mx3.5/48,mbtmp3.7/4,ML3.3/1,Error ellipse: s-maj=64.7km s-min=31.2km az=124.0,Vanuatu Islands

Code Station Name Az Phase ID Time Res
DZM Mont Dzumac 4.18 193 Pn 08 10 14.0-1.0
DZM 5.1mm,0.3s,baz=29,slow=18,SNR=13
DZM 6.7mm,0.3s,baz=325,slow=23,SNR=9.2

IDC 07 08:06:55.10:19N-123.27E,h15km,mb4.7,ML3.6,MS3.5, 2C-2D,Cebu

Code Station Name Az Phase ID Time Res
LLP Lapu-Lapu 0.70 80 Op ISC h m s ISC
LLP Lapu-Lapu 0.70 80 Op ISC h m s ISC
TBP Tagbilaran 0.77 130 Op Pn 07 07 09.7-0.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MAK2 Makanchi, MK01 Makanchi Array, MK31 Makanchi Array, etc.

MAN 07 08:34:53, 977N:122:39E, h32km, mb4.1, ML2.8, MS2.5, IC, Negros

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SNPH Sibulan, GNIH Jordan, GUIM Lapu-Lapu, etc.

ISCJB 07 08:39:58.3:0.4, 6:82N:0:03:73:14W:0:05, h155km, 3km, mb3.9/8, Error ellipse: s-maj=7.5km s-min=4.8km az=14.0

s-maj=21.5km s-min=18.1km az=140.0 RNSC 07 08:40:00.0:0.0, 6:79N:73:16W, h145km, 4km, ML3.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BARC Barichara, GIRC Giron, BARRC Barranca, etc.

ISC 07 08:39:58.9:0.7, 6:81N:0:04:73:12W:0:05, h151km, 5km, n30, e090/48, mb3.9/8, 3C-1D, Northern Colombia

ISC 07 08:50:54.7, 31:34N:98:02E, h6km, mb3.6/2, ML3.5/3, MS3.4/2, Mst7 3/4

ISC 07 08:50:54.9:0.1, 31:28N:0:07:98:21E:0:10, h10km, m19, e299/17, mb3.8/9, Xizang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LZH Lanzhou, LZHZ Lanzhou, LZHL Lanzhou, etc.

ISC 07 08:50:53.8:0.9, 31:24N:97:82E, h0km, mb3.7/8, mb1.3/8/11, mb1mx3.5/7.0, mbtmp3.7/11, ML3.9/3, MS3.1/3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BRDH Bardiha, CMAR Chiang Mai Arr, UNMO Urumqi, etc.

STKA Stephens Creek 75.06 143 P P 09 02 38.3 +1.4

YKA Yellowknife Arr 82.90 15 P P 09 03 20.8 +1.3

ISC 07 08:53:49.2:2.4, 54:13N:86:34E, h0km, mb1.3/4.2, mb1mx3.1/6.9, mbtmp3.4/2, ML3.2/2, Error ellipse: s-maj=19.9km s-min=12.4km az=55.0, Southwestern Siberia

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

ISC 07 09:06:07.5:2.2, 3:76N:126:79E, h0km, mb3.9/4, mb1.3/9.4, mb1mx3.5/6.4, mbtmp3.9/4, Error ellipse: s-maj=229.1km s-min=25.5km az=69.0, Talaud Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, SONMI Sonmingo Array, MKAR Makanchi Array, etc.

ISC 07 09:06:18.5:339.0, 54:30N:141:70E, h0km, Error ellipse: s-maj=145.9km s-min=73.5km az=139.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like I43RU DUBNA INFRASON, I31KZ AKTYUBINSK INF, I46RU ZALESOVO INFRAS, etc.

ISC 07 09:07:49.1:0.8, 9:91N:123:24E, h0km, mb3.9/11, mb1.4/0.1/1, mb1mx3.8/6.8, mbtmp3.9/11, MS3.0/4, Ms1.3/0.4, ms1mx2.7/5.3, Error ellipse: s-maj=32.4km s-min=18.4km az=77.0

NEIC 07 09:07:50.6:0.4, 9:91N:123:23E, h10km, mb4.1/1, Error ellipse: s-maj=12.2km s-min=8.7km az=123.0

NEIC FFI [II PIVS] at Tanjay, Negros. MAN 07 09:07:51, 10:08N:123:13E, h7km, mb4.7, ML3.6, MS3.5

ISCJB 07 09:07:52.6:0.6, 10:08N:123:13E:0:03, h24km, 5km, mb3.9/12, MS2.9/2, Error ellipse: s-maj=56.6, 0.6km s-min=7.7km az=37.2

ISC 07 09:07:50.6:1.2, 9:91N:123:14E:0:03, h8km, 8km, n35, e114/45, mb3.9/12, 2C-1D, Negros

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SNPH Sibulan, TBP Tagbilaran, GUIM Jordan, etc.

ISC 07 09:07:50.6:1.2, 9:91N:123:14E:0:03, h8km, 8km, n35, e114/45, mb3.9/12, 2C-1D, Negros

ISC 07 09:07:50.6:1.2, 9:91N:123:14E:0:03, h8km, 8km, n35, e114/45, mb3.9/12, 2C-1D, Negros

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, KSAR Wonju Arr, etc.

ISC 07 09:15:17.1:3.2, 54:14N:87:21E, h0km, mb1.8/2, mb1mx2.6/7.4, mbtmp2.8/2, ML2.5/2, Error ellipse: s-maj=30.8km s-min=18.3km az=59.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like I46RU ZALESOVO INFR, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

JMA 07 09:20:08.3±0.3,40.06N:145.51E,h45km,M3.8,Of east coast of Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like JEM Erimo, JTH Tanohata, MIYV Miyakonagasawa, etc.

CSEM 07 09:27:14.9±0.3,63.62N:23.02E,h2km,ML1.8,Error ellipse: s-maj=7.3km s-min=5.6km az=66.0, Mining explosion.

HEL 07 09:27:15.8,63.66N:22.97E,h0km,ML1.7,Explosion UPP 07 09:27:17.7,63.71N:22.65E,h0km,ML2.0,Suspected Mining explosion.,Finland

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like VAF Ylistaro, VAF Umeaa, UMAU Umeaa, etc.

JMA 07 09:27:58.9±0.1,43.13N:146.37E,h51km,1km,M3.1 SKHL 07 09:27:59.8±0.7,43.20N:146.37E,h25km,mb3.9/2, ISC 07 09:27:56.5±2.3,43.19N:146.41E±0.06,h14km,12km, n10,-057720,1C-2D,Kuril Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like NEM2 Nemuro 2, SHO Shikotan, SHO 10.0nm,0.2s, etc.

Table with columns: YUK, AMB, AMB, 09 28 16.4, 09 28 28.0 -0.3, 09 28 31.9, 09 28 31.9. Lists stations like YUK 140nm,0.3s, YUK 430nm,0.3s, etc.

NNC 07 09:30:44.1±3.1,36.89N:69.23E,h0km,mb3.6,mpv3.2, 5C-3D, Error ellipse: s-maj=25.6km s-min=22.3km az=133.0,Hindu Kush region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like SFK Sufi-Kurgan, MNAS Manas, KK31 Karatay Array, etc.

MAN 07 09:31:55.9±80N:123.00E,h32km,mb4.3,ML3.1,MS2.8, 1D,Negros

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like SNPH Sibulan, TBP Tagbilaran, GUIM Jordan, etc.

MAN 07 09:35:10,10.05N:123.16E,h21km,mb3.7,ML2.5,MS2.0, 1C,Cebu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like SNPH Sibulan, TBP Tagbilaran, GUIM Jordan, etc.

ICD 07 09:40:31.6±4.9,5.12S:152.10E,h0km,mb3.8/1, mb1.4/0.1,mb1mx3.1/43,mbtmp3.8/1, Error ellipse: s-maj=249.9km s-min=47.6km az=120.0,New Britain region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, etc.

ICD 07 09:44:11.2±3.2,53.55S:87.94E,h0km,mb1.2/2, mb1mx2.6/7.1,mbtmp2.7/2,ML2.3/2, Error ellipse: s-maj=29.9km s-min=18.0km az=62.0,Southwestern Siberia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, KURBB Kurchatov Arr, etc.

MAN 07 10:11:18,10.22N:123.27E,h30km,mb4.0,ML2.8,MS2.4, 1D,Cebu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like ILLP Lapu-Lapu, GUIM Jordan, TBP Tagbilaran, etc.

WAR 07 10:17:01.5,50.28N:18.82E,h1km,Mw2.5 ISCJB 07 10:17:05.6±0.4,50.26N:18.77E±0.03,h0km, Error ellipse: s-maj=4.9km s-min=2.3km az=11.5

IPEC 07 10:17:06.9±0.2,50.24N:18.88E,h0km,ML2.0/3, Error ellipse: s-maj=2.4km s-min=1.1km az=165.0

PRU 07 10:17:07.0±0.5,50.25N:18.81E,h0km CSEM 07 10:17:07.2±0.5,50.24N:18.81E,h2km,ML2.9/8, Error ellipse: s-maj=3.8km s-min=4.1km az=14.0

ISC 07 10:17:07.0±0.8,50.20N:18.84E±0.02,h0km,n34, c080/56,Poland

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like CHZP Chorzow, CHZP Chorzow, OKC Ostrava-Krasne, etc.

ICD 07 10:21:03.6±1.1,39.32S:175.20E,h252km,10km,mb3.7/2, mb1.8/4,mb1mx3.5/37,mbtmp4.5/5, Error ellipse: s-maj=23.4km s-min=7.7km az=125.0

ISCJB 07 10:21:04.0±0.3,39.05S:174.85E±0.04,h251km,28km, mb4.2/5, Error ellipse: s-maj=5.8km s-min=3.6km az=2.3

WEL 07 10:21:05.0±0.39 S:17.5E±1.7E,h252km,6km NEIC 07 10:21:05.3±0.0,38.94S:174.97E,h249km,mb4.4/3, After WEL

ISC 07 10:21:04.3±0.6,39.07S:174.90E±0.05,h253km,5km, n273,c180/279,mb4.2/5,North Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like VRZ Vera Road, VRZ Vera Road, VRZ Vera Road, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KUTZ Kaahu Road, HATZ Hinemaiaia, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like PUZ Puketiti, GRZ Great Barrier, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ILAR Eielson Array, AKTO Aktyubinsk, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MAN 07 10:36:34, GUIM Jordan, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ROCH El Roble, ROC1 El Roble, PEL Peidehue, etc.

IDC 07 11:28:57.9-1.8, 1731S-167.43E, h0km, mb4.1/4, m1 4.3/5, m1mx3.9/41, m1tm4.0/5, ML3.3/1, MS3.0/5, Ms1 3.0/5, m1mx2.8/37, Error ellipse: s-maj=5.53km s-min=28.8km az=121.0, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, DZM Urewera, HNR Honiara, etc.

NEIC 07 11:29:40.4+0.0, 16.75N:94.34W, h107km, mb3.9/3, MD4.1 (MEX), After MEX.

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

MEX 07 11:35:08.7+0.4, 14.72N:93.30W, h16km, 71km, MD3.9, Near coast of Chiapas

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

ISCJBJ 07 11:44:51.0+0.9, 5.29S:0.08x147.0E:0.2, h233km, mb3.8/6, Error ellipse: s-maj=27.0km s-min=10.5km az=178.1

IDC 07 11:44:52.8-1.7, 5.27S:146.82E, h233km, 15km, mb3.5/6, m1 3.7/8, m1mx3.4/45, m1tm4.2/8, Error ellipse: s-maj=27.5km s-min=17.7km az=96.0

ISC 07 11:44:52.4+0.9, 5.32S:0.09x146.8E:0.2, h233km, n12, r155E3, mb3.6/6, Eastern New Guinea region

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

ISK 07 11:52:07.3, 38.67N:43.16E, h8km, MD2.7, ISCJBJ 07 11:52:08.3+0.6, 38.69N:0.03x43.15E:0.03, h3km, 6km, Error ellipse: s-maj=5.5km s-min=4.2km az=13.7

CSEM 07 11:52:08.2+0.2, 38.69N:43.20E, h10km, MD2.7, Error ellipse: s-maj=5.3km s-min=4.0km az=147.0

DDA 07 11:52:08.8, 38.63N:43.20E, h7km, ML2.9

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

MAN 07 11:55:51.9, 9.90N:123.23E, h6km, mb4.9, ML3.8, MS3.8, IDC 07 11:55:51.1+1.3, 9.94N:123.31E, h0km, mb3.7/6, m1 3.8/6, m1mx3.4/58, m1tm3.7/6, MS3.0/4, Ms1 3.0/4, m1mx2.7/52, Error ellipse: s-maj=74.8km s-min=19.8km az=61.0

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

ISC 07 11:55:52.2+0.9, 9.85N:0.03x123.25E:0.03, h1km, 7km, mb3.7/6, MS3.0/3, Error ellipse: s-maj=5.5km s-min=4.2km az=145.3

ISC 07 11:55:52.4+1.2, 9.85N:0.03x123.27E:0.03, h7km, 9km, n24, r129/32, mb3.7/6, MS2.9/3, 2C-4D, Negros

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

SJA 07 12:01:50.0+0.7, 31.31S:68.51W, h103km, 4km, ML2.8, MW3.8, San Juan Province

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

IDC 07 12:02:07.6+0.5, 38.03S:75.43W, h0km, mb4.6/17, m1 4.7/19, m1mx4.5/37, m1tm4.6/19, ML4.1/2, MS3.6/9, Ms1 3.6/9, m1mx3.3/30, Error ellipse: s-maj=18.3km s-min=14.7km az=68.0

BUII 07 12:02:08.7, 38.10S:75.54W, h16km, mB5.2/4, Ms5.2/2, MS7.5/1

ISCJBJ 07 12:02:11.6+0.2, 37.89S:0.03x75.07W:0.03, h33km, mb4.8/108, MS3.7/7, Error ellipse: s-maj=4.1km s-min=3.5km az=10.2

GUC 07 12:02:11.3+0.6, 37.89S:74.97W, h15km, 8km, ML4.3, MW4.6

NEIC 07 12:02:11.0+0.0, 37.90S:74.97W, h18km, mb4.9/96, ML4.3 (GUC), After GUC

ISC 07 12:02:13.1+0.3, 37.96S:0.04x75.17W:0.06, h35km, n468, r1501/491, mb4.9/108, MS3.7/7, 1C-1D, Off coast of central Chile

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

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CCHI, G006, G005, etc.

7d 12h

W47A	Westpoint	73.75 349	P	P	12 13 43.1 -0.3
X42A	Stuttgart	73.75 346	P	P	12 13 43.7 +0.3
ABTX	Abilene, Hawle	73.84 339	P	P	12 13 43.7 -0.3
ABTX	Abilene, Hawle	73.84 339	eP	P	12 13 44.1 +0.1
X41A	Kaden, Bauxite	73.87 345	P	P	12 13 43.8 -0.3
W45A	Hickory Valley	73.91 348	P	P	12 13 44.4 +0.2
W48A	Smith Brothers	74.12 350	P	P	12 13 44.5 -1.1
MIAR	Mount Ida	74.14 344	P	P	12 13 45.0 -0.6
X39A	Fountain Ranch	74.22 344	P	P	12 13 45.0 -1.2
V47A	Nunnely	74.31 350	P	P	12 13 46.0 -0.6
V46A	Holladay	74.37 349	P	P	12 13 45.9 -1.0
W41B	Gary Mavity, V	74.47 346	P	P	12 13 47.3 -0.3
TZTN	Tazewell	74.54 353	P	P	12 13 47.5 -0.5
X301	Greenbrier Sit	74.57 345	eP	P	12 13 48.3 +0.2
WHAR	Woolly Hollow	74.59 346	eP	P	12 13 47.8 -0.4
WVT	Waverly	74.65 349	P	P	12 13 48.1 -0.5
WVT	Waverly	74.65 349	eP	P	12 13 48.5 0.0
W40A	Ferguson Farm,	74.66 345	P	P	12 13 48.3 -0.3
W39A	Magazine	74.81 344	P	P	12 13 49.0 -0.5
MNTX	Cornudas Mount	74.82 334	P	P	12 13 48.8 -0.8
MNTX	Cornudas Mount	74.82 334	eP	P	12 13 48.9 -0.8
W38A	Poteau	74.85 344	P	P	12 13 49.2 -0.5
U47A	Clarksville	74.88 350	P	P	12 13 49.7 -0.2
U46A	Springville	74.92 349	P	P	12 13 49.9 -0.2
BLA	Blacksburg	74.96 356	P	P	12 13 49.9 -0.5
U45A	Rockin P Farm,	75.00 349	P	P	12 13 51.2 +0.6
V41A	Mountainview	75.05 346	P	P	12 13 50.6 -0.3
U44B	Burton Farm, H	75.09 348	P	P	12 13 50.9 -0.2
V40A	Witts Springs	75.20 345	P	P	12 13 51.5 -0.3
U43A	Rector	75.29 347	P	P	12 13 52.0 -0.2
T47A	Sharon Grove	75.39 350	P	P	12 13 52.2 -0.6
V39A	Pettigrew	75.40 345	P	P	12 13 52.4 -0.6
T48A	Bowling Green	75.42 351	P	P	12 13 53.4 +0.4
U42A	Reviden	75.42 347	P	P	12 13 53.0 0.0
U41A	Viola	75.55 346	P	P	12 13 53.5 -0.3
T46A	Princeton	75.55 350	P	P	12 13 53.7 0.0
WMOK	Wichita Mounta	75.58 340	P	P	12 13 53.3 -0.7
WMOK	Wichita Mounta	75.58 340	eP	P	12 13 53.7 -0.4
V38A	Canehill	75.59 344	P	P	12 13 53.7 -0.3
IP04	Greensprings	75.73 358	eP	P	12 13 55.4 +0.6
U40A	Yellville	75.74 345	P	P	12 13 54.6 -0.3
V37A	Hulbert	75.77 343	P	P	12 13 55.1 +0.1
OK022	N3560 Road, Pr	75.80 342	eP	P	12 13 54.7 -0.5
V36A	Jenks	75.86 343	P	P	12 13 55.2 -0.3
V36A	Jenks	75.86 343	eP	P	12 13 55.7 +0.1
OK021	N3530 Road, Sp	75.87 342	eP	P	12 13 56.2 +0.6
U39A	Green Forest	75.89 345	P	P	12 13 54.8 -0.9
S48A	Wiedeman Farm,	75.92 351	P	P	12 13 54.6 -1.2
TUL1	Leonard	75.95 343	P	P	12 13 55.9 -0.1
TUL1	Leonard	75.95 343	eP	P	12 13 55.7 -0.3
T43A	Greenville	75.97 348	P	P	12 13 55.7 -0.4
319A	Douglas	75.97 330	eP	P	12 13 57.4 +0.9
MSTX	Muleshoe	76.03 337	P	P	12 13 57.1 -1.0
V35A	Meyer Ranch, C	76.06 342	P	P	12 13 55.9 -0.8
V35A	Meyer Ranch, C	76.06 342	eP	P	12 13 56.5 -0.2
T42A	Van Buren	76.06 347	P	P	12 13 56.0 -0.6
U38A	Gravette	76.14 344	P	P	12 13 57.0 -0.1
S46A	Don Dixon Farm	76.16 350	P	P	12 13 57.4 +0.2
T41A	Mountain View	76.19 346	P	P	12 13 57.2 -0.3
U37A	Salina	76.27 344	P	P	12 13 57.5 -0.3
U36A	Oologah	76.39 343	P	P	12 13 58.9 +0.3
S44A	Carbondale	76.40 349	P	P	12 13 58.3 -0.2
S43A	Fulton Ridge,	76.41 348	P	P	12 13 58.4 -0.2
121A	Cookes Peak, D	76.44 332	P	P	12 13 59.5 +0.4
T40A	Mansfield	76.44 346	P	P	12 13 58.3 -0.5
T39A	Clever	76.49 345	P	P	12 13 58.4 -0.7
AMTX	Amarillo	76.54 338	P	P	12 13 59.1 -0.5
AMTX	Amarillo	76.54 338	eP	P	12 13 60.0 +0.4
R47A	Woolly Knot Far	76.60 351	P	P	12 13 59.7 0.0
U35A	Pawnee	76.61 342	P	P	12 13 59.2 -0.6
U35A	Pawnee	76.61 342	eP	P	12 13 60.0 +0.2
R48A	Northridge Ran	76.63 351	P	P	12 13 59.4 -0.4
T38A	Diamond	76.69 344	P	P	12 13 59.7 -0.5
S42A	Caledonia	76.73 347	P	P	12 13 60.0 -0.5
R45A	Skylar, Fairir	76.84 349	P	P	12 14 00.6 -0.4
FVM	French Village	76.87 348	eP	P	12 14 01.0 -0.2
S40A	Lebanon	76.87 346	P	P	12 14 01.4 +0.1
T37A	Cheneyville 18	76.91 344	P	P	12 14 01.6 +0.1
R44A	Waltonville	76.91 349	P	P	12 14 01.6 +0.2
T36A	Boggs Farm, Ca	77.07 343	P	P	12 14 02.4 +0.1
R43A	Red Bud	77.08 348	P	P	12 14 02.1 -0.2
T35A	Sooner Cattle	77.08 343	P	P	12 14 02.9 +0.5
CCM	Cathedral Cave	77.08 347	P	P	12 14 02.1 -0.2
CCM	Cathedral Cave	77.08 347	eP	P	12 14 02.2 -0.2

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S39A	Bolivar	77.12 345	P	P	12 14 02.8 +0.1
S38A	Stockton	77.18 345	P	P	12 14 02.9 -0.1
R42A	Luebering	77.22 347	P	P	12 14 03.6 +0.4
T34A	McClaskey Farm	77.34 342	P	P	12 14 04.4 +0.5
R41A	Rosebud	77.34 347	P	P	12 14 03.8 0.0
TUC	Tucson	77.39 330	P	P	12 14 05.3 +0.8
TUC	Tucson	77.39 330	eP	P	12 14 05.4 +0.9
Q45A	Warren Harvey,	77.41 350	P	P	12 14 04.6 +0.4
R40A	Maddies Station	77.50 346	P	P	12 14 04.7 0.0
Q44A	Meyers, Arm, Va	77.55 349	P	P	12 14 05.0 0.0
S36A	Lake Cedric, C	77.64 344	P	P	12 14 05.0 -0.5
R39A	Chumby, Stover	77.67 346	P	P	12 14 05.0 -0.7
Q43A	New Douglas	77.69 348	P	P	12 14 05.2 -0.6
P47A	Martinsville	77.75 351	P	P	12 14 05.5 -0.6
S35A	Otter Creek Ra	77.76 343	P	P	12 14 05.3 -0.9
Q42A	Golden Eagle	77.80 348	P	P	12 14 05.9 -0.4
214A	Organ Pipe Nat	77.92 328	P	P	12 14 08.3 +1.0
O56A	Blue Knob Stat	77.92 357	P	P	12 14 07.5 +0.4
Q41A	Truxton	77.95 347	P	P	12 14 07.0 -0.2
S34A	Willow Spring	77.97 342	P	P	12 14 07.2 -0.1
P45A	Grealand, Par	77.97 350	P	P	12 14 06.8 -0.6
P46A	Rosedale	77.99 351	P	P	12 14 06.7 -0.8
P44A	Sand Creek, Wi	78.04 349	P	P	12 14 07.1 -0.6
ANMO	Albuquerque	78.04 334	P	P	12 14 09.1 +0.5
ANMO	Albuquerque	78.14 334	eP	P	12 14 09.5 +0.8
Q40A	Laux Farm, Aux	78.15 347	P	P	12 14 08.3 0.0
ACSO	Alum Creek Sta	78.15 354	P	P	12 14 08.2 -0.1
ACSO	Alum Creek Sta	78.15 354	eP	P	12 14 08.0 -0.3
SSPA	Standing Stone	78.26 358	P	P	12 14 08.8 -0.1
P43A	Skaggs, Pawnee	78.34 349	P	P	12 14 09.8 +0.4
R35A	Emporia Munci	78.35 343	P	P	12 14 09.8 +0.3
Q39A	Willow Grove F	78.36 346	P	P	12 14 09.1 -0.5
LIC	Lamto	78.40 73	eP	P	12 14 11.0 +0.6
Q38A	Cooke Store, C	78.41 345	P	P	12 14 09.5 -0.3
P42A	Winchester	78.42 348	P	P	12 14 09.0 -0.8
O47A	Sheridan	78.47 351	P	P	12 14 09.3 -0.8
Q37A	Longview Farm,	78.50 345	P	P	12 14 09.6 -0.7
R34A	Isabella, Hill	78.57 342	P	P	12 14 10.8 +0.1
P41A	Harm Barry	78.63 348	P	P	12 14 10.9 0.0
P40A	Paris	78.66 347	P	P	12 14 10.9 -0.2
N54A	Moraine State	78.67 356	P	P	12 14 11.0 -0.2
O45A	Potomac	78.68 350	P	P	12 14 10.2 -1.0
TIC	Toumudi	78.68 72	eP	P	12 14 13.0 +1.1
O44A	Mansfield	78.69 350	P	P	12 14 10.3 -1.0
KIC	Kosan Boka	78.71 73	eP	P	12 14 12.3 +0.2
P39B	Salisbury	78.75 346	P	P	12 14 10.6 -1.1
Q36A	Arnold C. Orve	78.79 344	P	P	12 14 10.6 -1.3
DBIC	Dimbokro	78.82 72	P	P	12 14 13.8 +1.1
DBIC	Dimbokro	78.82 72	eP	P	12 14 39.6
DBIC	Dimbokro	78.82 72	eP	P	12 14 13.4 +0.8
Q35A	Mier Eighny, B	78.82 344	P	P	12 14 10.7 -1.3
O43A	Sugar Creek Fa	78.94 349	P	P	12 14 11.7 -1.0
O42A	Bath	78.97 348	P	P	12 14 11.6 -1.2
O41A	Passleys Farm,	79.03 348	P	P	12 14 12.7 -0.4
P38A	Dawn	79.03 346	P	P	12 14 12.7 -0.5
Q34A	Chapman	79.09 343	P	P	12 14 13.6 +0.1
P37A	Lathrop	79.16 345	P	P	12 14 13.6 -0.3
KSU1	Kansas State U	79.18 343	P	P	12 14 13.9 -0.1
N46A	Monticello	79.19 351	P	P	12 14 14.0 0.0
M54A	Oil Creek Stat	79.20 357	P	P	12 14 13.5 -0.6
O40A	La Belle	79.20 347	P	P	12 14 13.9 -0.2
HDIL	Hope Dale	79.21 349	P	P	12 14 14.0 -0.1
N45A	Kentland	79.24 350	P	P	12 14 14.7 +0.4
N44A	Piper City	79.27 350	P	P	12 14 14.9 +0.4
P36A	Good Intent, A	79.37 344	P	P	12 14 13.7 -1.3
O39A	Kirksville	79.45 347	P	P	12 14 15.2 -0.2
P35A	Duane Minner,	79.46 344	P	P	12 14 15.0 -0.5
T25A	Trinidad	79.46 337	P	P	12 14 16.8 +0.9
T25A	Trinidad	79.46 337	eP	P	12 14 17.0 +1.1
W18A	Petrified Fore	79.47 332	P	P	12 14 16.3 +0.4
W18A	Petrified Fore	79.47 332	eP	P	12 14 17.1 +1.1
O38A	Galt	79.50 346	P	P	12 14 15.7 -0.1
X16A	Lo Mia Camp, P	79.51 330	eP	P	12 14 17.1 +0.9
MHTCO	State Highway	79.54 336	eP	P	12 14 17.3 +1.0
N43A	Stutzman Famil	79.56 349	P	P	12 14 16.1 0.0
N41A	Harden Midland	79.60 348	P	P	12 14 16.2 0.0
P34A	Walnut Farm, R	79.66 343	P	P	12 14 17.1 +0.5
O37A	Wolven Farm, M	79.68 345	P	P	12 14 16.0 -0.7
O36A	Bolckow	79.81 345	P	P	12 14 16.9 -0.5
M44A	Midwin, Midew	79.84 350	P	P	12 14 17.4 -0.2
N40A	Mertquake, Sal	79.89 347	P	P	12 14 17.4 -0.4
IKP	In-Ko-Pah, Jac	79.94 326	P	P	12 14 19.0 +0.6
M43A	Waltham Townsh	80.02 350	P	P	12 14 17.5 -1.0
SWSC	Sam W. Stewart	80.05 326	P	P	12 14 18.9 +0.1
N39A	Derby Farms, D	80.05 347	P	P	12 14 17.8 -0.9

7d 13h

Table with columns: MRSI, Marisa, 1.96 243 P, Pn, 12.50 27.4 +0.7, LUWI, Luluk, 2.57 201 P, Pb, 12.50 38.3 -1.4

MAN 07 12:50:53, 10.07N-123.12E, h27km, mb4.4, ML3.2, MS2.9, 1D, Cebu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, SNPH, Sibulan, 0.73 171 i/P, S, Pn, 12.51 08.8 +1.2

MAN 07 12:59:24, 10.00N-123.24E, h30km, mb3.8, ML2.6, MS2.1, 1C, Cebu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, SNPH, Sibulan, 0.66 181 i/P, S, Pn, 12.59 38.5 +1.2

IDC 07 13:02:50, 2.305, 0.56, 46N-42.35E, h0km, Error ellipse: s-maj=121.8km s-min=56.4km az=100.0, Baltic

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, I43RU, DUBNA INFRASON, 2.85 277 i, S, Pn, 13.20 45.0

NIED 07 13:07:00, 37.90N, 143.30E, h8km, Mw4.2, Best double couple: Mo:1.96000x1015 NP1=132.00000, 845.00000, lambda=81.00000, NP2=300.00000, 846.00000, lambda=98.00000

ISCJB 07 13:07:19, 7.0, 4.3, 37.82N, 0.04, 143.31E, 0.05, h18km, mb3.9/22, Error ellipse: s-maj=6.6km s-min=4.9km az=143.3

JMA 07 13:07:21, 0.0, 2.3, 37.93N, 143.30E, h39km, M4.1, NEIC 07 13:07:22, 3.2, 5, 37.80N, 143.37E, h24km, 18km, mb4.4/2, Error ellipse: s-maj=11.8km s-min=7.9km az=109.0

IDC 07 13:07:24, 8.2, 0.3, 37.64N, 143.26E, h50km, mb3.6/20, mb1 3.8/24, mb1mx3.7/69, mbtmp3.9/24, ML3.8/4, MS3.0/3, Ms1 3.0/3, ms1mx2.7/58, Error ellipse: s-maj=17.1km s-min=15.2km az=141.0

ISC 07 13:07:20, 9.6, 6, 37.77N, 0.05, 143.20E, 0.06, h18km, n53, e245/54, mb4.0/22, Off east coast of Honshu

Main table of station data for the first section, including columns for Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like JIO, OFUJ, JMK, etc.

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Table with columns: GEYT, Alibeck, 64.72 299 P, P, 13 17 59.0 +1.0, FINES, FINES Array B, 68.82 333 P, P, 13 18 24.4 +0.8, KBZ, Khabaz, 71.50 311 P, P, 13 18 40.8 +0.4

BUI 07 13:08:01, 1.9, 81N, 123.123E, h10km, mb4.6/38, mb5.0/28, Ms4.5/18, Ms7.4/21, IDC 07 13:08:03, 0.0, 4, 10.07N, 123.31E, h0km, mb4.5/32, NEIC 07 13:08:05, 0.0, 2, 10.16N, 123.38E, h10km, mb4.9/34, Error ellipse: s-maj=6.4km s-min=4.2km az=90.0

MAN 07 13:08:04, 10.17N, 123.18E, h4km, mb5.6, ML4.6, MS4.9, NEIC 07 13:08:05, 0.0, 2, 10.16N, 123.38E, h10km, mb4.9/34, Error ellipse: s-maj=6.4km s-min=4.2km az=90.0

ISC 07 13:08:06, 3.1, 0, 10.10N, 0.02, 123.32E, 0.03, h39km, 3km, mb4.6/79, MS3.8/11, Error ellipse: s-maj=4.3km s-min=3.5km az=176.2

DJA 07 13:08:22, 6.9, 10, 11N, 5.12E, 12.3E, h164km, 9km, M4.7/19, mb5.9/2, mb4.7/19, Mw(mb)5.5/2

ISC 07 13:08:06, 3.1, 0, 10.10N, 0.02, 123.32E, 0.03, h19km, 3km, n184, e282/201, mb4.7/79, MS4.0, 12, 5C-6D, Cebu

Main table of station data for the second section, including columns for Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like LLP, TBP, SCPH, etc.

Main table of station data for the third section, including columns for Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like IPM, KULM, LEM, etc.

ARMA	Armidale	48.62 147	eP	P	13 16 50.6	+1.5
MK01	Makanchi Array	50.41 324	eP	P	13 17 03.2	+0.6
MK31	Makanchi Array	50.43 324	eP	P	13 17 03.4	+0.6
MKAR	Makanchi Array	50.43 324	eP	P	13 17 03.4	+0.7
MKAR	3.4nm, 0.8s, baz=132, slow=8.6, SNR=13		PcP	P	13 18 20.8	-0.2
MKAR	1.9nm, 0.6s, baz=115, slow=4.0, SNR=5.7		PcP	P	13 17 03.4	+0.7
MKAR	Makanchi Array	50.43 324	eP	P	13 18 20.8	-0.2
MKAR	23nm, 0.8s		PcP	P	13 17 05.2	+1.0
MAKZ	Makanchi	50.62 324	eP	P	13 17 07.7	+0.7
PETK	Petrovlovsk-	51.02 26	P	P	13 17 17.7	+0.9
PETK	2.1nm, 0.8s, baz=242, slow=1.8, SNR=4.5		LR	LR	13 08 17.9	
KSH	comp=Z, 7.4nm, 19.3s, baz=147, slow=36		pP	pP	13 17 06.8	-2.0
KSH	Kashi	51.21 313	eP	P	13 17 12.7	-2.2
KSH	comp=Z, 6.0nm, 1.5s		pmax	pmax	13 18 21.5	-2.6
KSH	comp=Z, 5.8nm, 4.5s		LR	LR	13 22 15.1	-4.7
KSH	comp=N, 80nm, 4.5s		LR	LR	13 24 21.5	-5.1
KSH	comp=E, 120nm, 4.4s		LR	LR		
KSH	comp=Z, 110nm, 5.8s		LR	LR		
YAK	Yakutsk	52.04 4	P	P	13 17 14.2	-0.3
ZALV	Zalesovo Beam	55.41 333	P	P	13 17 25.0	+0.2
MA2	Magadan	53.51 17	P	P	13 17 25.8	+0.5
KURBB	Kurchatov Arra	54.59 327	P	P	13 17 34.0	+0.6
KURK	Kurchatov	54.59 327	eP	P	13 17 34.0	+0.6
KKAR	Karatay Array	56.32 315	eP	P	13 17 45.7	-0.3
SEY	Seymour	56.72 315	eP	P	13 17 49.4	+0.9
BVAR	Borovoye Array	60.17 326	P	P	13 18 13.6	+0.8
BRVK	Borovoye	60.24 326	eP	P	13 18 13.6	+0.3
TIXI	Tiksi	61.59 2	P	P	13 18 21.6	-0.6
TIXI	Tiksi	61.59 2	eP	P	13 18 21.5	-0.6
ABKAR	Abkaly array	65.12 320	eP	P	13 18 45.7	-0.1
AKTO	Aktuybinsk	66.61 321	eP	P	13 18 55.1	-0.3
ARU	Arty	67.78 327	eP	P	13 19 02.5	-0.3
BKZ	Black Stump Fm	69.56 138	eP	P	13 19 14.4	+0.2
RAYN	Ar Rayn	74.94 292	eP	P	13 19 46.6	-0.1
KLMR	Klimovskoye	78.23 330	eP	P	13 20 02.6	-2.0
CAST	Castle Rocks	78.62 27	eP	P	13 20 06.8	+0.1
BPAW	Bear Paw Mtn.	79.10 26	eP	P	13 20 09.3	-0.1
SUA	Susitna	79.26 29	eP	P	13 20 09.9	-0.5
MCK	McKinley	80.02 27	eP	P	13 20 12.8	-1.6
ILAR	Eielson Array	80.85 26	P	P	13 20 17.4	-1.4
ARCES	ARCES Array B	83.34 339	P	P	13 20 31.9	+0.2
BRTH	Breslin Array B	83.39 309	P	P	13 20 33.1	+0.3
SPITS	Spitsbergen Ar	83.61 349	P	P	13 20 31.9	-1.2
FINES	FINES Array B	84.66 331	P	P	13 20 38.0	-0.6
AKASO	Malin Array Be	84.85 320	P	P	13 20 38.3	-1.5
AK11	Malin Array Si	84.89 320	eP	P	13 20 39.2	-0.8
INK	Inuvik	85.50 21	P	P	13 20 42.6	-0.1
INK	Inuvik	85.50 21	eP	P	13 20 42.2	-0.5
HYT	Haines Junctio	85.70 29	eP	P	13 20 43.7	-0.4
MLR	Muntele Rosu	88.00 316	P	P	13 20 54.4	-1.1
BUR04	Bucovina Ar. S	88.03 318	eP	P	13 20 55.2	-0.5
VNDA	Vanda	90.14 172	P	P	13 21 04.0	-0.7
STHS	Stebnicka Huta	90.15 320	eP	P	13 21 06.5	+1.0
HFS	Hagfors	90.84 332	P	P	13 21 07.3	-1.1
KECS	Kecovo	90.89 320	eP	P	13 21 08.9	0.0
NB2	NORSAR Subarra	91.61 333	P	P	13 21 10.0	-2.0
NOA	NORSAR Array B	91.61 333	P	P	13 21 10.5	-1.6
NOA	comp=Z, 1.7nm, 0.7s, baz=68, slow=4.7, SNR=7.5		LR	LR	14 04 03.5	
GERES	GERESS Array B	95.03 321	P	P	13 21 27.5	-0.6
GERES	comp=Z, 1.1nm, 0.8s, baz=35, slow=4.9, SNR=4.7		LR	LR	14 07 19.1	
YKA	Yellowknife Ar	95.07 23	P	P	13 21 27.7	-0.2
MATP	Matopu	97.94 251	P	P	13 21 40.6	-1.3
TORD	Tordar	117.82 291	P	PKPdf	13 26 50.9	-1.3
TXAR	Lajitas Array	120.11 48	PKP	PKPdf	13 26 56.8	0.0
PLCA	Paso Flores	147.11 160	PKP	PKPbc	13 27 48.5	-0.1
LPAZ	La Paz	167.27 120	PKP	PKPdf	13 28 12.7	-0.1
SIV	San Ignacio	172.75 144	PKP	PKPdf	13 28 13.5	-1.7

KRSC 07 13:08:30.0±1.2, 52°39'N, 158°34'E, h81km±12km, ML3.9, Near east coast of Kamchatka Peninsula

Code	Station Name	Δ° AZ'	Phase ID	Time	Res
RUS	Russkaya	0.20 282	Op	13 08 43.1	+1.3
RUS	RUS		eS	13 08 52.4	+1.8
MTRV	Mutnovka	0.41 283	eP	13 08 44.4	+1.1
MTRV	MTRV		eS	13 08 54.9	+1.8
ASAK	Asacha	0.52 270	eP	13 08 45.4	+0.8
ASAK	ASAK		eS	13 08 56.9	+1.5
KRMR	Karymshinskiy	0.62 316	eP	13 08 45.2	+0.4
KRMR	KRMR		eS	13 08 56.4	+0.5
DALK	Dalny	0.65 355	eP	13 08 46.2	+1.1
PET	Petrovlovsk	0.65 350	eP	13 08 47.0	+0.9
PET	PET		eS	13 08 57.2	+0.9
KDTR	Khodutka, Kamc	0.75 219	eP	13 08 47.4	+1.2
KDTR	KDTR		eS	13 08 59.7	+1.5
UGLR	Uglovaya	0.82 359	eP	13 08 48.5	+1.4
UGLR	UGLR		eS	13 09 01.6	+1.8
NLC	Nalytchevo	0.84 21	eP	13 08 48.0	+0.8
NLC	NLC		eS	13 09 00.2	+0.2
SMAR	Somma	0.88 358	eP	13 08 49.1	+1.3
AVH	Avacha	0.88 356	eP	13 08 49.3	+1.6
SDLR	Sedlovina	0.89 2	iP	13 08 48.9	+1.0
SDLR	SDLR		eS	13 09 02.3	+1.1
KOK	Koryakan	0.91 352	eP	13 08 49.7	+1.6
KRX	Krik	0.98 353	eP	13 08 50.2	+1.1
KRX	KRX		eS	13 09 04.2	+1.1
SPN	Mys Shipunski	1.01 45	eP	13 08 51.7	+2.6
SPN	SPN		eS	13 09 06.7	+3.2
APC	Apacha	1.16 298	iP	13 08 51.3	+0.4
GNL	Ganally	1.42 338	eP	13 08 52.5	+0.2
GNL	GNL		eS	13 09 02.0	+0.2
KIL	Karymshkiy	1.69 12	eP	13 09 00.3	+2.5
KIL	KIL		eS	13 09 22.0	+3.1
SKR	Severo-Kuril's	2.41 226	eP	13 09 09.2	+1.9
SKR	SKR		eS	13 09 39.3	+3.4

TUMR	Tumrok	3.00 14	eP	Pn	13 09 18.2	+2.8
KMNR	Kamenistaya	3.47 13	eP	Pn	13 09 24.7	+3.0
BZMR	Bezmyannaya	3.68 15	eP	Pn	13 09 27.3	+2.7
BZWR	Bezmyanni-We	3.71 15	eP	Pn	13 09 27.5	+2.4
KLY	Klyuchi	4.07 14	eP	Pn	13 09 33.6	+3.8
BDR	Baitovaya	4.41 17	eP	Pn	13 09 39.2	+4.3
SMKR	Senkurok	4.47 19	eP	Pn	13 09 40.0	+4.7
KBTR	Krutoberegovo	4.48 30	eP	Pn	13 09 37.3	+2.0
KBTR	KBTR		eS	Pn	13 10 30.2	+4.1
SRKR	Sorokina	4.48 17	eP	Pn	13 09 39.2	+3.8
BKI	Bering	5.08 53	eP	Pn	13 09 45.3	+1.8
BKI	BKI		eS	Pn	13 10 36.8	-4.0

KRSC 07 13:24:45.8±1.7, 49°21'N, 158°42'E, h39km±38km, ML3.7, East of Kuril Islands

Code	Station Name	Δ° AZ'	Phase ID	Time	Res
SKR	Severo-Kuril's	2.10 316	Op	13 25 19.1	+0.8
SKR	SKR		eS	13 25 43.3	+0.2
KDTR	Khodutka, Kamc	2.62 355	eP	13 25 28.6	+3.2
KDTR	KDTR		eS	13 25 59.4	+3.5
ASAK	Asacha	3.20 354	eP	13 25 37.6	+4.1
RUS	Rusika	3.23 1	eP	13 25 37.7	+3.8
BDR	Baitovaya	4.41 17	eP	13 25 15.9	+0.8
MTRV	Mutnovka	3.29 357	eP	13 25 38.7	+3.9
MTRV	MTRV		eS	13 26 17.1	+4.5
KRMR	Karymshinskiy	3.63 357	eP	13 25 44.2	+4.8
KRMR	KRMR		eS	13 26 26.6	+5.6
PET	Petrovlovsk	3.83 2	eP	13 25 46.4	+4.4
PET	PET		eS	13 26 04.0	+4.9
DALK	Dalny	3.84 3	eP	13 25 46.4	+4.2
DALK	DALK		eS	13 26 30.6	+4.7
UGLR	Uglovaya	4.02 3	eP	13 25 49.4	+4.6
SPN	Mys Shipunski	4.03 14	eP	13 25 49.2	+4.4
SPN	SPN		eS	13 26 36.1	+5.5
AVH	Avacha	4.07 3	eP	13 25 50.4	+4.9
SDLR	Sedlovina	4.09 4	eP	13 25 49.7	+3.9
KRX	Krik	4.16 2	eP	13 25 51.6	+4.8
GNL	Ganally	4.50 356	eP	13 25 56.5	+5.0
TUMR	Tumrok	6.18 9	eP	13 26 18.8	+4.4
KMNR	Kamenistaya	6.65 9	eP	13 26 17.7	+6.7
KBTR	Krutoberegovo	7.50 19	eP	13 26 36.8	+4.3

NIED 07 13:30:00, 45°60'N, 142°40'E, h360km, Mw5.1 Best double couple: M=5.910000, 1016° NP1:30=181.000000, 034.000000°, λ=5.000000°. NP2:30=275.000000°, 087.000000°, λ=124.000000°.

ISC/JB 07 13:30:03.5±0.1, 45°54'N, 142°26'E, 01.02, h312km, 1km, mb4.9/4.15, Error ellipse: s-maj=2.5km s-min=1.9km az=152.2

MOS 07 13:30:03.2±0.9, 45°56'N, 142°26'E, h312km, mb4.9/9.7, Error ellipse: s-maj=5.7km s-min=4.0km az=98.7

SKHL 07 13:30:04.3±1.0, 45°52'N, 142°28'E, h321km, 21km, mb5.6/5, msh5.7/4

BUI 07 13:30:04.1, 45°46'N, 142°18'E, h314km, mb4.6/6/9, mb4.7/44

GCMT 07 13:30:04.8±0.4, 45°53'N, 142°18'E, h318km, 2km, Mw5.2/56, Moment Tensor Solution. s56,c72: Duration: 1±0 Moment tensor: Scale 1016Nm; Mrr=2.88±.34; Mss=1.82±.47; Mss=1.06±.52; Mrr=7.85±.41; Mss=3.25±.52; Mrr=1.45±.48; Best double couple: M=8.900000, 1016° NP1:30=269.000000°, 381.000000°, λ=113.000000°. NP2:30=159.000000°, 824.000000°, λ=22.000000°. Principal axes: T 8.1470, P1g32.0000°, Azm18.0000°, N 1.5060, P1g23.0000°, Azm273.0000°, P -9.6530, P1g49.0000°, Azm154.0000°; nsta1 refers to body waves, cutoff=40s.

IDC 07 13:30:04.5±0.3, 45°60'N, 142°24'E, h309km, 2km, mb4.5/4/8, mb1.4/7/57, mb1mx4.6/72, mbmp5.3/57 Error ellipse: s-maj=6.8km s-min=5.1km az=79.0

JMA 07 13:30:04.2±0.2, 45°47'N, 142°36'E, h314km, 2km, M4.9 JMA Fell II J1.

NEIC 07 13:30:04.8±0.1, 45°56'N, 142°22'E, mb5.0/286, Error ellipse: s-maj=2.8km s-min=1.8km az=139.0

NEIC recorded 12 JMA in Aomori, Honshu.

ISC 07 13:30:04.5±0.3, 45°56'N, 142°30'E, 01.03, h312km, 2km, h311km, pP, n1329, e1908/1500, mb5.0/455, 57C-45D, Hokkaido region

Code	Station Name	Δ° AZ'	Phase ID	Time	Res
JWK2	Keihoku	0.37 230	iP	13 30 44.3	+0.1
JWK2	JWK2		eS	13 31 14.4	-1.0
JSE	Soyaks	0.63 161	eP	13 30 44.5	-0.3
JSE	JSE		eS	13 31 15.4	-1.5
JRR	Rishiri	0.81 239	iP	13 30 45.6	+0.2
JRR	JRR		eS	13 31 18.0	+0.1
JRR	Shosan	1.20 195	iP	13 30 46.9	-0.2
JRR	JRR		eS	13 31 20.0	+0.7
JYG	Yagishiri	1.29 209	iP	13 30 47.5	-0.1
JYG	JYG		eS	13 31 21.1	-0.8
YSS	Yuzh-Sakhalins	1.43 13	iP	13 30 48.7	+0.4
YSS	YSS		eS	13 31 22.5	-0.7
YSS	comp=Z, 5.0nm, 0.6s		pmax	pmax	
YSS	comp=N, 2.0nm, 0.5s		pmax	pmax	
YSS	comp=Z, 4.4nm, 2.0s		pmax	pmax	
YSS	comp=N, 3.0nm, 1.0s		smax	smax	
YSS	comp=E, 2.0nm, 0.8s		smax	smax	
YSS	comp=N, 8.4m, 3.6s		smax	smax	
YSS	comp=E, 11.4m, 4.3s		smax	smax	
YSS	Yuzh-Sakhalins	1.43 13	iP	13 30 48.6	+0.4
YSS	YSS		AMB	AMB	13 30 49.3
YSS	comp=E, 5.4m, 0.6s		AMB	AMB	13 30 50.5
YSS	comp=E, 4.4m, 2.0s		eS	A	13 31 22.1
YSS	YSS		eS	A	13 31 23.7
YSS	comp=E, 3.4m, 0.9s		A	A	13 31 23.7
YSS	comp=E, 2.4m, 0.9s		A	A	13 31 24.0
YSS	comp=E, 8.4m, 4.0s		A	A	13 31 24.0
YSS	comp=E, 11.4m, 4.0s		A	A	13 31 24.0
YSS	Yuzh-Sakhalins	1.43 13	eP	13 30 48.6	+0.4
ASAJ	Asahikawa	1.46 172	P	13 30 48.5	-0.1
ASAJ	comp=E, 669nm, 0.3s,				

7d 13h

Table with columns for station code, name, frequency, and signal strength. Includes stations like OKH, KLR, MDJ, etc.

2012 FEB

Table with columns for station code, name, frequency, and signal strength. Includes stations like YAK, SEY, CBJ, etc.

404

Table with columns for station code, name, frequency, and signal strength. Includes stations like WMQ, SVW2, CAST, etc.

A32A	Rocking H Ranc	72.86	36	P	P	13 40 59.2	-0.3
ARCR	ARCALIA	72.87	321	i/P	P	13 41 01.1	+1.5
TMUT	Trail Mountain	72.90	51	eP	P	13 41 00.8	+0.6
MSU	Marysvale	72.92	52	eP	P	13 41 01.4	+1.1
MSU	Marysvale	72.92	52	eP	P	13 41 01.4	+1.1
TUQ	Turquoise Moun	72.92	57	P	P	13 41 01.4	+1.1
CCUT	Cedar City	72.93	54	eP	P	13 41 01.2	+0.8
K22A	Casper	72.96	46	P	P	13 41 00.5	+0.1
P17A	Butcher Ranch,	73.03	51	eP	P	13 41 01.4	+0.6
P17A	Butcher Ranch,	73.03	51	eP	P	13 41 01.4	+0.6
TLB	Topalu	73.05	317	i/P	P	13 41 01.5	+0.9
ZSCU	Shurtz Canyon	73.05	53	eP	P	13 41 01.6	+0.6
HEC	Hector Ludlow	73.10	57	P	P	13 41 02.1	+0.9
RSSD	Black Hills	73.11	44	P	P	13 41 01.6	+0.3
RSSD	Black Hills	73.11	44	eP	P	13 41 01.3	0.0
RSSD	Black Hills	73.11	44	eP	P	13 41 01.3	0.0
RSSD	Black Hills	73.11	44	eP	P	13 41 01.3	0.0
BRRC	Big Bear Solar	73.15	58	P	P	13 41 02.1	+0.4
P18A	Preston Nutter	73.19	50	eP	P	13 41 02.6	+0.6
Q16A	Castle Valey	73.19	51	eP	P	13 41 02.4	+0.6
C31A	Landman Farms,	73.21	38	P	P	13 41 01.3	-0.2
KSP	Ksiaz	73.24	328	eP	P	13 41 02.1	+0.5
KSP	Ksiaz	73.24	328	eP	P	13 41 02.1	+0.5
KSP	Ksiaz	73.24	328	eP	P	13 41 02.1	+0.5
MTPU	Mount Pierson	73.25	53	eP	P	13 41 03.5	+1.1
B32A	Ashe's Strandq	73.25	37	P	P	13 41 01.4	-0.4
DOPR	Dopca	73.25	319	i/P	P	13 41 03.5	+1.7
A33A	Warroad	73.30	36	P	P	13 41 01.8	-0.3
RWWV	Rawlins	73.31	47	eP	P	13 41 02.7	+0.2
LANS	Liptovska Anna	73.35	325	eP	P	13 41 03.7	+1.4
LANS	Liptovska Anna	73.35	325	eP	P	13 41 03.7	+1.4
MLR	Muntele Rosu	73.36	319	eP	P	13 41 02.8	+0.2
MLR	Muntele Rosu	73.36	319	eP	P	13 41 03.0	+0.4
MLR	Muntele Rosu	73.36	319	eP	P	13 41 03.0	+0.4
MLR	Muntele Rosu	73.36	319	eP	P	13 41 03.0	+0.4
LCMT	Little Creek M	73.38	54	eP	P	13 41 03.6	+0.8
SRU	San Rafael Swe	73.40	51	eP	P	13 41 03.6	+0.6
SRU	San Rafael Swe	73.40	51	eP	P	13 41 03.6	+0.6
SRU	San Rafael Swe	73.40	51	eP	P	13 41 03.6	+0.6
MURC	Murrieta	73.44	59	P	P	13 41 03.6	+0.4
KECS	Kecevo	73.45	324	eP	P	13 41 03.7	+0.8
KECS	Kecevo	73.45	324	eP	P	13 41 03.7	+0.8
CJR	Cluj-Napoca	73.49	321	i/P	P	13 41 04.6	+1.4
GMRC	Granite Mounta	73.53	57	P	P	13 41 04.7	+0.9
MORC	Moravsky Berou	73.61	326	eP	P	13 41 04.1	+0.2
MORC	Moravsky Berou	73.61	326	eP	P	13 41 04.9	+1.0
MORC	Moravsky Berou	73.61	326	eP	P	13 41 04.0	+0.2
UPC	Udice	73.61	328	eP	P	13 41 04.4	+0.6
UPC	Udice	73.61	328	eP	P	13 41 04.8	+0.9
DPC	Dobruska-Polom	73.62	327	eP	P	13 42 20.1	+5.4
DPC	Dobruska-Polom	73.62	327	eP	P	13 42 20.1	+5.4
MMU	Miners Mountai	73.63	52	eP	P	13 41 05.9	+1.4
DFCR	Landfair	73.64	319	eP	P	13 41 05.1	+1.0
LDFC	Landfair	73.65	57	eP	P	13 41 04.8	+0.3
MDO	Dochford	73.67	342	eP	P	13 41 03.8	-0.2
B33A	Robert and Kas	73.74	36	P	P	13 41 04.2	-0.4
BR13	Keskin Array S	73.76	310	eP	P	13 41 05.5	+0.4
BRTR	Keskin Array B	73.76	310	eP	P	13 41 05.7	+0.6
BRTR	Keskin Array B	73.76	310	eP	P	13 42 15.6	-0.3
BRTR	Keskin Array B	73.76	310	eP	P	13 41 05.6	+0.5
D31A	Mcclellin, Tow	73.79	38	P	P	13 41 04.8	-0.2
VOIR	Achnashellach	73.81	319	i/P	P	13 41 06.1	+0.9
KAC	Achnashellach	73.82	342	eP	P	13 41 05.1	+0.2
DRGR	Pinyon Flats O	73.82	322	i/P	P	13 41 06.0	+0.8
PFO	Pinyon Flats O	73.87	58	P	P	13 41 05.9	+0.3
PFO	Pinyon Flats O	73.87	58	eP	P	13 41 05.9	+0.1
PFO	Pinyon Flats O	73.87	58	eP	P	13 41 05.9	+0.1
PFO	Pinyon Flats O	73.87	58	eP	P	13 41 05.9	+0.1
XPFO	Piezon Flat	73.88	58	eP	P	13 41 05.9	+0.1
BELC	Belle Mtn, Jos	73.88	58	P	P	13 41 06.1	+0.3
O20A	White River C1	73.89	49	P	P	13 41 06.4	+0.5
B34A	Aery, Baudette	73.96	35	P	P	13 41 05.5	-0.4
109C	Camp Elliot, M	73.99	59	P	P	13 41 06.6	+0.3
D32A	Dogwood Acres,	74.03	38	P	P	13 41 05.9	-0.3
KPL	Plockton	74.04	343	eP	P	13 41 06.4	+0.4
KPL	Plockton	74.04	343	eP	P	13 41 07.4	
ARR	Arges	74.05	320	i/P	P	13 41 08.4	+1.9
CLL	Collim	74.06	330	i/P	P	13 41 06.1	-0.3
CLL	Collim	74.06	330	i/P	P	13 41 06.1	-0.3
CLL	Collim	74.06	330	i/P	P	13 41 06.1	-0.3
CLL	Collim	74.06	330	i/P	P	13 41 06.1	-0.3
C33A	Trail	74.07	37	eP	P	13 42 18.7	+1.5
BRG	Berggiesshubel	74.08	329	eP	P	13 41 06.6	+0.1
BRG	Berggiesshubel	74.08	329	eP	P	13 42 17.2	
BRG	Berggiesshubel	74.08	329	eP	P	13 41 06.6	+0.1
BRG	Berggiesshubel	74.08	329	eP	P	13 42 17.2	
E31A	Nome	74.10	39	P	P	13 41 06.7	0.0
ANTO	Ankara	74.11	311	eP	P	13 41 07.1	+0.1
ANTO	Ankara	74.11	311	eP	P	13 41 07.1	+0.1
ANTO	Ankara	74.11	311	eP	P	13 41 07.1	+0.1
KSB	Shell Bridge	74.11	342	eP	P	13 41 07.0	+0.6
VYHS	Vyhne	74.12	325	eP	P	13 41 07.5	+0.7
VYHS	Vyhne	74.12	325	eP	P	13 41 07.5	+0.7
PVCC	Panska Ves	74.13	328	eP	P	13 41 07.5	+0.7
PVCC	Panska Ves	74.13	328	eP	P	13 41 07.5	+0.7
PVCC	Panska Ves	74.13	328	eP	P	13 41 10.0	+0.2
BR231	Keskin MP Arra	74.14	311	eP	P	13 41 06.1	-1.0

BR231	Piszkesteto	74.14	324	eP	P	13 42 18.7	+0.6
PSZ	Piszkesteto	74.14	324	eP	P	13 41 07.6	+0.6
PSZ	Piszkesteto	74.14	324	eP	P	13 41 08.1	+1.1
PSZ	Piszkesteto	74.14	324	eP	P	13 41 07.5	+0.6
IRM	Iron Mountain	74.28	57	P	P	13 41 08.9	+0.9
U15A	North Rim	74.33	54	eP	P	13 41 09.7	+1.2
W13A	Hualapai Moun	74.35	56	eP	P	13 41 09.3	+0.7
VRAC	Vranov	74.36	327	i/P	P	13 41 09.4	+1.3
LOTR	Lotru	74.39	320	i/P	P	13 41 09.4	+1.3
BAR	Barrett	74.39	59	eP	P	13 41 09.0	+0.3
MONP2	Monument Peak	74.40	59	P	P	13 41 09.1	+0.2
E32A	Braten, Kindr	74.43	38	P	P	13 41 08.2	-0.4
B35A	Bob, Littlefor	74.43	35	P	P	13 41 08.3	-0.2
BC3	Big Chuckawall	74.44	58	P	P	13 41 09.4	+0.4
F31A	Hecla	74.48	39	P	P	13 41 08.8	-0.1
PHWY	Pilot Hill	74.49	46	eP	P	13 41 09.2	-0.1
C34A	RKJ Ranch, Bem	74.51	36	P	P	13 41 08.5	-0.6
D33A	AnnSam, Waubun	74.53	37	P	P	13 41 08.6	-0.5
N23A	Red Feather La	74.54	47	P	P	13 41 10.4	+0.7
GOPC	GO Pecny, Ondr	74.56	328	eP	P	13 41 10.1	+0.8
GOPC	GO Pecny, Ondr	74.56	328	eP	P	13 41 10.1	+0.8
PRU	Pruhonice	74.59	328	eP	P	13 41 10.1	+0.7
PRU	Pruhonice	74.59	328	eP	P	13 41 10.1	+0.7
PRU	Pruhonice	74.59	328	eP	P	13 41 10.1	+0.7
PV09	Paradox Valley	74.60	50	eP	P	13 41 10.7	+0.6
ESY	Sionepath	74.67	340	eP	P	13 41 09.6	-0.2
SMOL	Smolenice	74.67	326	eP	P	13 41 11.4	+1.2
SMOL	Smolenice	74.67	326	eP	P	13 41 11.4	+1.2
SIRR	Siria	74.69	322	i/P	P	13 41 11.0	+0.9
SWSC	Sam W. Stewart	74.73	59	P	P	13 41 11.1	+0.6
PV10	Paradox Valley	74.74	51	eP	P	13 41 12.0	+1.2
IKP	In-Ko-Pah, Jac	74.75	59	P	P	13 41 11.4	+0.6
PDMC1	Parker Dam, Lak	74.76	57	P	P	13 41 11.3	+0.6
PV04	Paradox Valley	74.80	50	eP	P	13 41 11.7	+0.6
EAB	Aberfoyle	74.82	341	eP	P	13 41 11.1	+0.5
D34A	Park Rapids	74.84	37	P	P	13 41 10.3	-0.6
C35A	Jirafarms, M	74.86	36	P	P	13 41 10.5	-0.5
SRO	Srobarova	74.88	325	eP	P	13 41 12.4	+1.3
SRO	Srobarova	74.88	325	eP	P	13 41 12.4	+1.3
PV05	Paradox Valley	74.92	51	eP	P	13 41 12.7	+0.9
Y12C	Blythe	74.93	57	P	P	13 41 12.6	+0.9
E33A	Westby DABS, E	74.96	37	P	P	13 41 11.5	-0.1
F32A	Veblen	74.97	39	P	P	13 41 11.1	-0.5
G31A	Conde	74.99	40	P	P	13 41 11.8	0.0
ZST	Bratislava	75.06	326	eP	P	13 41 12.6	+0.5
ZST	Bratislava	75.06	326	eP	P	13 41 12.6	+0.5
ZST	Bratislava	75.06	326	eP	P	13 41 12.6	+0.5
NKC	Novy Kostel	75.15	329	eP	P	13 41 12.9	+0.3
NKC	Novy Kostel	75.15	329	eP	P	13 41 12.9	+0.3
NKC	Novy Kostel	75.15	329	eP	P	13 41 16.7	
PV01	Paradox Valley	75.17	50	eP	P	13 41 13.9	+0.7
PGBU	Glenifferbraes	75.19	341	eP	P	13 41 12.9	+0.2
PGBU	Glenifferbraes	75.19	341	eP	P	13 41 14.1	
BZS	Buzias	75.21	321	i/P	P	13 41 13.5	+0.5
GLA	Glamis	75.24	58	P	P	13 41 14.3	+0.8
GLA	Glamis	75.24	58	eP	P	13 41 14.2	+0.7
GLA	Glamis	75.24	58	eP	P	13 41 14.2	+0.7
GLA	Glamis	75.24	58	eP	P	13 41 14.2	+0.7
SRE	Streahea	75.25	320	i/P	P	13 41 14.6	+1.3
SUSD	Miller	75.26	40	P	P	13 41 13.4	0.0
SMCO	Snowmass	75.26	49	eP	P	13 41 14.2	+0.3
C36A	Pine Crest Far	75.27	35	P	P	13 41 13.1	-0.3
G32A	Webster	75.28	39	P	P	13 41 13.8	+0.3
E34A	Wadena	75.30	37	P	P	13 41 13.1	-0.4
D35A	Remer	75.32	36	P	P	13 41 13.0	-0.6
EKA	Eskdalemuir Ar	75.33	340	eP	P	13 41 13.5	0.0
F33A	5 Mile Ranch,	75.35	38	P	P	13 41 13.7	-0.1
H31A	Wolsey	75.45	40	P	P	13 41 14.2	-0.2
WUAZ	Wupatki	75.50	54	eP	P	13 41 16.4	+1.4
WUAZ	Wupatki	75.50	54	eP	P	13 41 15.7	+0.7
ISCO	Idaho Springs	75.51	48	P	P	13 41 16.2	+0.9
ISCO	Idaho Springs	75.51	48	eP	P	13 41 15.7	+0.4
ISCO	Idaho Springs	75.51	48	eP	P	13 41 15.7	+0.4
ISCO	Idaho Springs	75.51	48	eP	P	13 41 15.7	

2012 FEB

7d 13h

Table with columns: ID, Name, Comp, Z, S, N, R, P, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Includes entries like E41A Kenton, WATA Walderalm, WTTA Watterberg, etc.

Table with columns: ID, Name, Comp, Z, S, N, R, P, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Includes entries like I41A Arkdale, M36A Felix, Anita, N35A Tabor, etc.

Table with columns: ID, Name, Comp, Z, S, N, R, P, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Includes entries like SSB Saint Sauveur, Q39A Willow Grove F, P40A Paris, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like X37A Clayton, W38A Poteau, T42A Van Buren, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like HRV Adam Dzewonski, NATX Nacogdoches, NATX Nacogdoches, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like TORD Torodi Ar. Bea, TORD comp=2.0,5nm,0.6s, etc.

2012 FEB

Table with columns: MAJ, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Matsuhiro, Matsu, Matsu-Tunnel, Inuyama, Hachiji jima, etc.

Table with columns: ARU, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Arti, Abkar, Aktoyunk, etc.

Table with columns: TAOE, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Nuku Hiva Isla, GUMO, Rikitea, etc.

JMA 07 13:42:20.3, 36.78N; 138:56E, h8km, 1km, M0.9, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GJK, Kuni, MAT, Matsuhiro, etc.

ISC/JB 07 13:43:02.6, 0.5, 18.49S; 0:09:176.23E; 0:09, h33km, mb4.5/24, MS3.9/18, Error ellipse: s-maj=14.9km

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

ISC 07 13:43:01.8, 0.5, 18.5S; 0:11:176.48E; 0:09, h26km, m80, e1919.63, mb4.5/24, MS3.9/18, FIJI Islands region

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

ISC/JB 07 13:46:21.0, 0.5, 50.28N; 0:04:18.70E; 0:03, h0km, Error ellipse: s-maj=5.3km s-min=2.4km az=6.1

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

Table of station data for 413, including columns for station name, frequency, power, and other technical details.

Main table of station data for 2012 FEB, including columns for station name, frequency, power, and other technical details.

Table of station data for 7d 16h, including columns for station name, frequency, power, and other technical details.

ISCJB 07 16:29:29.2±0.5,35°41'N,0°02:96'60W,0°02,h15km,4km, Error ellipse: s-maj=3.3km s-min=2.9km az=155.6 NEIC 07 16:29:29.0±0.0,35°40'N,96°52'W,h5km,ML3.3(TUL), After TUL.

NEIC Felt [V] at Paden, [III] at Seminole and [II] at Muskogee. Felt in many parts of east-central Oklahoma. Also felt in parts of Arkansas, Kansas and Texas.

ISC 07 16:29:29.2±1.1,35.39N,0°03:96'52W,0°02,h7km,10km, n123,az=71/140,Oklahoma

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

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Lists seismic stations including Cane Creek, Mountain View, Cedar Bluff, etc.

MAN 07 16:36:11,10.07N,123.21E,h33km,mb4.3,ML3.1,MS2.8, 1D,Cebu

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Lists stations like Sibulan, Tagbilaran, Lapu-Lapu.

CSEM 07 16:40:17.9±0.3,38°67'N,43°52'E,h12km,ML2.9, Error ellipse: s-maj=6.6km s-min=4.8km az=96.0 DDA 07 16:40:17.7,38°71'N,43°58'E,h7km,ML2.8

ISC 07 16:40:17.7,38°68'N,43°45'E,h8km,ML2.9/7 ISCJB 07 16:40:18.6±0.5,38°70'N,0°02:43'50E,0°04,h11km,3km, Error ellipse: s-maj=5.4km s-min=3.5km az=162

ISC 07 16:40:17.5±0.9,38.99N,0°02:43'55E,0°03,h18km,5km, n11,az=86/56,Turkey

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Lists stations like Van, Erzurum, Baskale, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Lists stations like Hanur-Agry, Guroymak-BITLI, Siirt_Merkez, etc.

NSSP 07 16:59:29.4,38°03'N,47°98'E,h6km,Ms3.9 TEH 07 16:59:29.8,38°05'N,47°97'E,h8km,ML3.8 THR 07 16:59:31.0±0.5,38°12'N,48°33'E,h14km,6km,ML3.5 CSEM 07 16:59:33.1±0.1,38°03'N,48°15'E,h2km,ML3.8, Error ellipse: s-maj=4.5km s-min=2.9km az=68.0

ISC 07 16:59:30.7±1.2,38°05'N,0°03:48'04E,0°02,h2km,9km, n116,az=196/144,mb3.9/6,25C-25D, Iran-Armenia-Azerbaijan border region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Lists stations like Lerik, Germi, Bostanabad, etc.

7d 18h

Table with columns: IDHR, Dehrash, 3.60 202 ePn, Pn, 17 00 30.0 +2.2, etc.

Table with columns: QZX, QZXB, 3.60 202 ePn, Pn, 17 01 17.2 -3.3, etc.

Table with columns: IDMV, Damavand, 4.04 126 ePn, Pn, 17 00 36.2 +2.3, etc.

Table with columns: IDMV, Damavand, 4.04 126 ePn, Pn, 17 00 36.2 +2.3, etc.

Table with columns: IVAL, Alasht, 4.29 116 ePn, Pn, 17 00 38.2 +0.9, etc.

Table with columns: IALA, Alasht, 4.29 116 ePn, Pn, 17 00 38.2 +0.9, etc.

Table with columns: IALA, Alasht, 4.29 116 ePn, Pn, 17 00 38.2 +0.9, etc.

Table with columns: IALA, Alasht, 4.29 116 ePn, Pn, 17 00 38.2 +0.9, etc.

Table with columns: IALA, Alasht, 4.29 116 ePn, Pn, 17 00 38.2 +0.9, etc.

Table with columns: IALA, Alasht, 4.29 116 ePn, Pn, 17 00 38.2 +0.9, etc.

Table with columns: IALA, Alasht, 4.29 116 ePn, Pn, 17 00 38.2 +0.9, etc.

Table with columns: IALA, Alasht, 4.29 116 ePn, Pn, 17 00 38.2 +0.9, etc.

Table with columns: IALA, Alasht, 4.29 116 ePn, Pn, 17 00 38.2 +0.9, etc.

Table with columns: IALA, Alasht, 4.29 116 ePn, Pn, 17 00 38.2 +0.9, etc.

Table with columns: IALA, Alasht, 4.29 116 ePn, Pn, 17 00 38.2 +0.9, etc.

Table with columns: IALA, Alasht, 4.29 116 ePn, Pn, 17 00 38.2 +0.9, etc.

Table with columns: IALA, Alasht, 4.29 116 ePn, Pn, 17 00 38.2 +0.9, etc.

Table with columns: IALA, Alasht, 4.29 116 ePn, Pn, 17 00 38.2 +0.9, etc.

Table with columns: IALA, Alasht, 4.29 116 ePn, Pn, 17 00 38.2 +0.9, etc.

Table with columns: IALA, Alasht, 4.29 116 ePn, Pn, 17 00 38.2 +0.9, etc.

Table with columns: IALA, Alasht, 4.29 116 ePn, Pn, 17 00 38.2 +0.9, etc.

Table with columns: IALA, Alasht, 4.29 116 ePn, Pn, 17 00 38.2 +0.9, etc.

Table with columns: IALA, Alasht, 4.29 116 ePn, Pn, 17 00 38.2 +0.9, etc.

Table with columns: IALA, Alasht, 4.29 116 ePn, Pn, 17 00 38.2 +0.9, etc.

Table with columns: IALA, Alasht, 4.29 116 ePn, Pn, 17 00 38.2 +0.9, etc.

Table with columns: IALA, Alasht, 4.29 116 ePn, Pn, 17 00 38.2 +0.9, etc.

Table with columns: IALA, Alasht, 4.29 116 ePn, Pn, 17 00 38.2 +0.9, etc.

Table with columns: IALA, Alasht, 4.29 116 ePn, Pn, 17 00 38.2 +0.9, etc.

Table with columns: IALA, Alasht, 4.29 116 ePn, Pn, 17 00 38.2 +0.9, etc.

Table with columns: IALA, Alasht, 4.29 116 ePn, Pn, 17 00 38.2 +0.9, etc.

Table with columns: IALA, Alasht, 4.29 116 ePn, Pn, 17 00 38.2 +0.9, etc.

2012 FEB

MAN 07 17:21:48, 9.64N x 123.02E, h242km, mb3.7, ML2.5, MS1.9, ID, Negros

MAN 07 17:23:03, 10.03N:123.13E, h28km, mb3.7, ML2.5, MS2.0, ID, Cebu

MAN 07 17:32:02, 9.96N:123.08E, h1km, mb3.9, ML2.6, MS2.2, ID, Negros

MAN 07 17:53:48, 10.04N:123.24E, h1km, mb4.5, ML3.4, MS3.2, ID, Cebu

MAN 07 18:01:05, 10.07N:123.27E, h32km, mb4.1, ML2.9, MS2.6, ID, Cebu

ISCJJB 07 18:10:04.6.0.3.23.96S:0.04.67.07W:0.03, h181km, mb3.9/B, Error ellipse: s-maj=5.5km s-min=3.5km az=32.2

ISC 07 18:33:38.3.2.12.38N:125.28E, h0km, mb3.6/5, mb1 3.7/5, mb1mx3.6/5, mbtmpp3.6/5, MS2.8/1, ms1mx2.3/4.6, Error ellipse: s-maj=169.0km s-min=19.6km az=67.0

ISC 07 18:33:42.0.1.2.12.6N:0.1x125.7E:0.2, h33km, n8, a1505/8, mb3.6/5, 1C, Samar

MAN 07 18:37:01, 10.08N:123.21E, h4km, mb4.6, ML3.5, MS3.4, 2C-1D, Cebu

MAN 07 18:42:28, 10.21N:123.27E, h5km, mb3.9, ML2.6, MS2.2, ID, Cebu

MAN 07 18:48:13, 10.20N:123.29E, h28km, mb4.5, ML3.3, MS3.1, ID, Cebu

416

BOSA Boshof 80.80 117 P P 18 21 58.6 -0.5

MAN 07 18:10:52, 9.90N:123.05E, h1km, mb3.6, ML2.3, MS1.8, ID, Negros

MAN 07 18:12:12, 9.79N:123.13E, h28km, mb3.9, ML2.7, MS2.3, ID, Negros

MAN 07 18:17:25, 10.17N:123.20E, h32km, mb4.1, ML2.8, MS2.5, ID, Cebu

NNC 07 18:20:01.4.2.2.36.76N:70.48E, h148km, 53km, mb2.7, mpv3.5 5C-4D, Error ellipse: s-maj=28.8km s-min=17.6km az=69.0, Hindu Kush region

ISC 07 18:33:38.3.2.12.38N:125.28E, h0km, mb3.6/5, mb1 3.7/5, mb1mx3.6/5, mbtmpp3.6/5, MS2.8/1, ms1mx2.3/4.6, Error ellipse: s-maj=169.0km s-min=19.6km az=67.0

ISC 07 18:33:42.0.1.2.12.6N:0.1x125.7E:0.2, h33km, n8, a1505/8, mb3.6/5, 1C, Samar

MAN 07 18:37:01, 10.08N:123.21E, h4km, mb4.6, ML3.5, MS3.4, 2C-1D, Cebu

MAN 07 18:42:28, 10.21N:123.27E, h5km, mb3.9, ML2.6, MS2.2, ID, Cebu

MAN 07 18:48:13, 10.20N:123.29E, h28km, mb4.5, ML3.3, MS3.1, ID, Cebu

MAN 07 18:48:13, 10.20N:123.29E, h28km, mb4.5, ML3.3, MS3.1, ID, Cebu

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LLP, TBP, GUMI, etc.

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

7d 19h
IDC 07 19:09:28.9.2.8, 19:67N.121:57E, h31km, 19km, mb4.1/31
mb1.4/2.33, mb1mx4.1/4.8, mbtmp4.3/33, ML4.7/2, MS3.6/12,
Ms1.3/6.12, ms1mx3.3/6.3, Error ellipse: s-maj=15.7km,
s-min=9.3km az=69.0
NEIC 07 19:09:30.1.0.4, 19:68N.121:50E, h39km, 3km, mb5.0/83,
Error ellipse: s-maj=4.0km s-min=2.6km az=90.0
MAN 07 19:09:30, 19:79N.121:67E, h107km, mb5.6, ML4.6,
MS4.9
BUJ 07 19:09:34.2, 20:14N.121:04E, h33km, mb4.4/20, MB4.6/15,
ML4.2/1, Ms4.3/14, Ms7.4/0.12
ISC 07 19:09:30.0.0.6, 19:74N.0:0.0, h45km, 6km,
ms1.1/0.05/22.4, mb4.8/11.4, MS3.7/12, 1C-20, Philippines
Islands region

MAN 07 18:56:09, 9.96N.123:18E, h1km, mb4.0, ML2.8, MS2.4, 1C, Negros
Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

MAN 07 19:04:38, 10:04N.123:22E, h1km, mb3.7, ML2.5, MS2.0, 1D, Cebu
Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

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

ISK 07 19:04:32.9, 38:68N.43:68E, h5km, ML3.4/11
ISN 07 19:04:32.7, 1.7, 38:30N.43:57E, h0km, 9km, ML3.5
DDA 07 19:04:34.1, 38:71N.43:66E, h10km, ML3.4
CSEM 07 19:04:34.6, 0.2, 38:68N.43:66E, h2km, ML3.4, Error
ellipse: s-maj=4.2km s-min=3.3km az=100.0
ISC 07 19:04:35.5, 1.0, 38:70N.0:0.1, 43:64E, 0.02, h8km, 6km,
n79.9, 1930/128, 6C-4D, Turkey

MAN 07 19:05:18, 10:06N.123:31E, h29km, mb4.0, ML2.8, MS2.4, 1C, Cebu
Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ISC/JB 07 19:09:28.0.0.6, 19:69N.0:02.121:55E, 0:04, h35km, 5km,
mb4.8/11.4, MS3.8/12, Error ellipse: s-maj=5.6km
s-min=3.5km az=178.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like D05A, I07A, F07A, HTW, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OHAK, ULM, ILAR, H06E1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H11N2, H11N1, H11S1, H11S2, H11S3.

ISK 07 19:25:54.1, 38.632N, 43.141E, h5km, ML2, 7/3
ISC/JB 07 19:25:55.9, 0.5, 38.632N, 0.03, 43.141E, 0.03, h13km, 5km,
Error ellipse: s-maj=5.2km s-min=4.2km az=155.6

CSEM 07 19:25:55.4, 0.2, 38.626N, 43.151E, h15km, ML2, 7, 3
Error ellipse: s-maj=5.9km s-min=4.9km az=143.0
DDA 07 19:25:55.0, 38.614N, 43.171E, h7km, ML2, 8

ISC 07 19:25:56.1, 1.0, 38.655N, 0.02, 43.141E, 0.02, h6km, 10km,
n23, c102/41, Turkey

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

MAN 07 19:26:12.9, 9.933N, 123.041E, h10km, mb4.3, ML3.1, MS2.9,
2D, Negros

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

NEIC 07 19:31:11.5, 1.2, 19.78N, 121.53E, h25km, 6km, mb4.8/4,
Error ellipse: s-maj=13.2km s-min=5.6km az=80.0
IDC 07 19:31:13.5, 2.2, 19.68N, 121.57E, h48km, 21km, mb3.9/22,
mb1.4/24, mb1mx0.6/4, mbtmp4.2/24, ML4.5/2, MS3.7/20,
MS1.3/20, ms1mx3.5/60, Error ellipse: s-maj=17.1km
s-min=11.8km az=70.0

BUIJ 07 19:31:13.8, 20.02N, 121.08E, h17km, mb4.4/22, MB4.6/12,
ML4.1/3, MS4.1/11, Ms7.3/9.8
ISC 07 19:31:13.5, 0.4, 19.87N, 0.05, 121.30E, 0.07, h34km, n89,
c236/78, mb4.3/30, MS3.7/20, 1C-1D, Philippine Islands
region

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HFS, HFS, NB2, etc.

ISC/JB 07 19:35:39.7, 0.8, 7.62S, 0.06, 129.90E, 0.08, h100km,
mb3.9/3, Error ellipse: s-maj=11.3km s-min=8.3km
az=176.3
IDC 07 19:35:41.1, 2.4, 7.57S, 129.87E, h91km, 24km, mb3.1/3,
mb1.3/5.6, mb1mx3.2/5.1, mbtmp3.8/6, Error ellipse:
s-maj=32.0km s-min=21.6km az=127.0
ISC 07 19:35:40.1, 0.9, 7.64S, 0.06, 130.00E, 0.1, h100km, n8,
c3505/12, mb3.5/3, Tanimbar Islands region

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KURBB, KURBB, MAN 07, etc.

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

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

ISC/JB 07 19:45:26.1, 0.3, 9.76S, 0.04, 122.48E, 0.04, h56km,
mb4.2/16, MS3.0/2, Error ellipse: s-maj=6.8km
s-min=4.1km az=139.8
NEIC 07 19:45:27.1, 0.7, 9.74S, 122.36E, h39km, 7km, mb4.7/14,
Error ellipse: s-maj=8.9km s-min=5.6km az=224.0
DJA 07 19:45:28.2, 0.4, 10.53S, 122.2E, h10km, M4.5/10,
mb5.3/1, mb4.8/5, mlvz4.3/10, Mw(mb)4.7/1
IDC 07 19:45:28.3, 1.0, 9.62S, 122.40E, h44km, 8km, mb3.6/9,
mb1.3/7.1, ms1mx3.5/58, mbtmp3.9/10, ML4.1/1, MS3.1/3,
MS1.3/13, ms1mx2.7/43, Error ellipse: s-maj=35.6km
s-min=14.3km az=58.0
ISC 07 19:45:28.4, 0.4, 9.72S, 0.05, 122.47E, 0.05, h56km, n72,
c102/41, Turkey

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

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

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

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

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

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

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

7d 20h							
MCK	McKinley	80.00	27 eP	P	pmax	20 49 52.9	-0.8
MCK	comp-Z,19nm,0.9s						
MCK	McKinley	80.00	27 eP	P	pmax	20 49 52.9	-0.8
MCK	comp-Z,19nm,0.9s						
PMR	Palmer	80.00	29 eP	P	pmax	20 49 52.6	-1.1
PMR	comp-Z,13nm,0.8s						
PMR	Palmer	80.00	29 eP	P	pmax	20 49 52.6	-1.1
PMR	comp-Z,13nm,0.8s						
RND	Reindeer	80.05	27 eP	P	pmax	20 49 53.1	-0.9
RND	comp-Z,16nm,1.2s						
RND	Reindeer	80.05	27 eP	P	pmax	20 49 53.1	-0.9
RND	comp-Z,16nm,1.2s						
LZV	Lovozero	80.21	337c eP	P	pmax	20 49 54.0	-0.8
LZV	comp-Z,106nm,2.5s						
LZV	Lovozero	80.21	337 eP	P	pmax	20 49 54.0	-0.8
LZV	comp-Z,169nm,1.8s						
MDM	Murphy Dome	80.24	26 eP	P	pmax	20 49 54.9	-0.1
MDM	comp-Z,23nm,1.8s						
SML	Sawmill	80.37	29 eP	P	pmax	20 49 54.9	-0.9
SML	comp-Z,25nm,1.2s						
SML	Sawmill	80.37	29 eP	P	pmax	20 49 54.9	-0.9
SML	comp-Z,25nm,1.2s						
ABPO	Ambohpanom	80.39	249 eP	P	pmax	20 49 56.2	-0.6
ABPO	comp-Z,16nm,0.9s						
ABPO	Ambohpanom	80.39	249 eP	P	pmax	20 49 56.2	-0.6
ABPO	comp-Z,16nm,0.9s						
COLA	College	80.41	26 eP	P	pmax	20 49 55.8	0.0
COLA	comp-Z,46nm,1.8s						
COLA	College	80.41	26 eP	P	pmax	20 49 55.8	0.0
COLA	comp-Z,46nm,1.8s						
CCB	Clear Creek Bay	80.44	26 eP	P	pmax	20 49 54.9	-1.1
CCB	comp-Z,21nm,1.8s						
CCB	Clear Creek Bay	80.44	26 eP	P	pmax	20 49 54.9	-1.1
CCB	comp-Z,21nm,1.8s						
APA	Apatity	80.71	337 i/P	P	pmax	20 49 55.7	-1.7
APA	comp-Z,21nm,0.8s						
APA	Apatity	80.71	337 i/P	P	pmax	20 49 55.7	-1.7
APA	comp-Z,21nm,0.8s						
DHY	Denali Highway	80.73	27 eP	P	pmax	20 49 57.4	-0.5
DHY	comp-Z,900nm,22.0s						
DHY	Denali Highway	80.73	27 eP	P	pmax	20 49 57.4	-0.5
DHY	comp-Z,900nm,22.0s						
ILAR	Eielson Array	80.83	26 eP	P	pmax	20 49 56.4	-1.7
ILAR	comp-Z,1.7nm,0.7s,baz=238,slow=5.0,SNR=24						
ILAR	Eielson Array	80.83	26 eP	P	pmax	20 49 56.4	-1.7
ILAR	comp-Z,1.7nm,0.7s,baz=238,slow=5.0,SNR=24						
ILB	Eielson Array	80.83	26 eP	P	pmax	20 49 56.4	-1.7
ILB	comp-Z,1.0nm,1.1s,baz=88,slow=1.4,SNR=5.3						
ILB	Eielson Array	80.83	26 eP	P	pmax	20 49 56.4	-1.7
ILB	comp-Z,1.0nm,1.1s,baz=88,slow=1.4,SNR=5.3						
ILC	Sheep Creek Mo	80.84	29 eP	P	pmax	20 49 57.4	-0.9
ILC	comp-Z,72nm,1.8s						
ILC	Sheep Creek Mo	80.84	29 eP	P	pmax	20 49 57.4	-0.9
ILC	comp-Z,72nm,1.8s						
SCM	Sheep Creek Mo	80.84	29 eP	P	pmax	20 49 57.4	-0.9
SCM	comp-Z,72nm,1.8s						
SCM	Sheep Creek Mo	80.84	29 eP	P	pmax	20 49 57.4	-0.9
SCM	comp-Z,72nm,1.8s						
TOKA	Tokat	81.17	309 eP	P	pmax	20 50 00.3	-0.2
TOKA	comp-Z,37nm,1.3s						
TOKA	Tokat	81.17	309 eP	P	pmax	20 50 00.3	-0.2
TOKA	comp-Z,37nm,1.3s						
FYU	Fort Yukon	81.36	24 eP	P	pmax	20 50 01.3	+0.4
FYU	comp-Z,29nm,1.3s						
FYU	Fort Yukon	81.36	24 eP	P	pmax	20 50 01.3	+0.4
FYU	comp-Z,29nm,1.3s						
PAX	Paxon	81.61	27 eP	P	pmax	20 50 02.0	-0.4
PAX	comp-Z,24nm,1.8s						
PAX	Paxon	81.61	27 eP	P	pmax	20 50 02.0	-0.4
PAX	comp-Z,24nm,1.8s						
RAR	Rarotonga	81.61	113 LR	LR		21 23 36.1	
RAR	comp-Z,51nm,21.9s,baz=290,slow=34						
RAR	Rarotonga	81.61	113 LR	LR		21 23 36.1	
RAR	comp-Z,51nm,21.9s,baz=290,slow=34						
DIV	Divide	81.65	29 eP	P	pmax	20 50 02.8	+0.2
DIV	comp-Z,18nm,1.0s						
DIV	Divide	81.65	29 eP	P	pmax	20 50 02.8	+0.2
DIV	comp-Z,18nm,1.0s						
SALA	Salme	81.79	302 eP	P	pmax	20 50 04.0	-0.2
SALA	comp-Z,21nm,1.8s						
SALA	Salme	81.79	302 eP	P	pmax	20 50 04.0	-0.2
SALA	comp-Z,21nm,1.8s						
HAAR	Haar	81.81	28 eP	P	pmax	20 50 03.8	+0.4
HAAR	comp-Z,71nm,1.8s						
HAAR	Haar	81.81	28 eP	P	pmax	20 50 03.8	+0.4
HAAR	comp-Z,71nm,1.8s						
QASN	Qassioun	82.07	303 eP	P	pmax	20 49 52.7	-1.3
QASN	comp-Z,4nm,0.8s						
QASN	Qassioun	82.07	303 eP	P	pmax	20 49 52.7	-1.3
QASN	comp-Z,4nm,0.8s						
DOT	Dot Lake	82.17	27 eP	P	pmax	20 50 03.3	-1.9
DOT	comp-Z,18nm,1.0s						
DOT	Dot Lake	82.17	27 eP	P	pmax	20 50 03.3	-1.9
DOT	comp-Z,18nm,1.0s						
BMRM	Bremner Ridge	82.23	29 eP	P	pmax	20 50 06.0	+0.3
BMRM	comp-Z,18nm,1.2s						
BMRM	Bremner Ridge	82.23	29 eP	P	pmax	20 50 06.0	+0.3
BMRM	comp-Z,18nm,1.2s						
BRBR	Barbar	82.36	303 eP	P	pmax	20 49 56.7	-1.0
BRBR	comp-Z,19nm,1.5s						
BRBR	Barbar	82.36	303 eP	P	pmax	20 49 56.7	-1.0
BRBR	comp-Z,19nm,1.5s						
MENT	Mentebata	82.41	27 eP	P	pmax	20 50 06.1	-0.4
MENT	comp-Z,19nm,1.5s						
MENT	Mentebata	82.41	27 eP	P	pmax	20 50 06.1	-0.4
MENT	comp-Z,19nm,1.5s						
TCHB	Talchebab	82.43	302 eP	P	pmax	20 50 07.2	-0.1
TCHB	comp-Z,19nm,1.5s						
TCHB	Talchebab	82.43	302 eP	P	pmax	20 50 07.2	-0.1
TCHB	comp-Z,19nm,1.5s						
KEV	Kevo	82.78	340 eP	P	pmax	20 50 08.1	-0.2
KEV	comp-Z,138nm,1.7s						
KEV	Kevo	82.78	340 eP	P	pmax	20 50 08.1	-0.2
KEV	comp-Z,138nm,1.7s						
PUL	Pulkovo	82.87	329 i/P	P	pmax	20 50 08.1	-0.8
PUL	comp-Z,86nm,1.0s						
PUL	Pulkovo	82.87	329 i/P	P	pmax	20 50 08.1	-0.8
PUL	comp-Z,86nm,1.0s						
EGAK	Eagle	83.27	25 eP	P	pmax	20 50 10.7	-0.2
EGAK	comp-Z,4.7nm,0.8s						
EGAK	Eagle	83.27	25 eP	P	pmax	20 50 10.7	-0.2
EGAK	comp-Z,4.7nm,0.8s						
ARAD	ARCESS Array S	83.33	339 eP	P	pmax	20 50 11.1	-0.1
ARAD	comp-Z,42nm,0.8s,baz=73,slow=5.5,SNR=55						
ARAD	ARCESS Array S	83.33	339 eP	P	pmax	20 50 11.1	-0.1
ARAD	comp-Z,42nm,0.8s,baz=73,slow=5.5,SNR=55						
ARCES	ARCESS Array B	83.33	339 eP	P	pmax	20 50 11.3	+0.1
ARCES	comp-Z,42nm,0.8s,baz=73,slow=5.5,SNR=55						
ARCES	ARCESS Array B	83.33	339 eP	P	pmax	20 50 11.3	+0.1
ARCES	comp-Z,42nm,0.8s,baz=73,slow=5.5,SNR=55						
AREO	ARCESS Array S	83.33	339 eP	P	pmax	20 50 10.9	-0.2
AREO	comp-Z,42nm,0.8s,baz=73,slow=5.5,SNR=55						
AREO	ARCESS Array S	83.33	339 eP	P	pmax	20 50 10.9	-0.2
AREO	comp-Z,42nm,0.8s,baz=73,slow=5.5,SNR=55						
BR101	Keskin Array S	83.40	309 eP	P	pmax	20 50 11.9	-0.4
BR101	comp-Z,22nm,0.9s						
BR101	Keskin Array S	83.40	309 eP	P	pmax	20 50 11.9	-0.4
BR101	comp-Z,22nm,0.9s						
BR131	Keskin Array B	83.40	309 eP	P	pmax	20 50 12.0	-0.3
BR131	comp-Z,22nm,0.9s						
BR131	Keskin Array B	83.40	309 eP	P	pmax	20 50 12.0	-0.3
BR131	comp-Z,22nm,0.9s						
BRTR	Keskin Array B	83.40	309 eP	P	pmax	20 50 11.9	-0.4
BRTR	comp-Z,22nm,0.9s						
BRTR	Keskin Array B	83.40	309 eP	P	pmax	20 50 11.9	-0.4
BRTR	comp-Z,22nm,0.9s						
SPA0	Spitsbergen Ar	83.60	349 eP	P	pmax	20 50 12.3	-0.1
SPA0	comp-Z,6.8nm,1.0s,baz=106,slow=2.5,SNR=11						
SPA0	Spitsbergen Ar	83.60	349 eP	P	pmax	20 50 12.3	-0.1
SPA0	comp-Z,6.8nm,1.0s,baz=106,slow=2.5,SNR=11						
SPITS	Spitsbergen Ar	83.60	349 eP	P	pmax	20 50 12.1	-0.3
SPITS	comp-Z,14nm,0.6s,baz=68,slow=8.3,SNR=18						
SPITS	Spitsbergen Ar	83.60	349 eP	P	pmax	20 50 12.1	-0.3
SPITS	comp-Z,14nm,0.6s,baz=68,slow=8.3,SNR=18						
ANTO	Ankara	84.03	309 eP	P	pmax	20 50 15.1	-0.3
ANTO	comp-Z,110nm,21.1s,baz=165,slow=38						
ANTO	Ankara	84.03	309 eP	P	pmax	20 50 15.1	-0.3
ANTO	comp-Z,110nm,21.1s,baz=165,slow=38						
BR231	Keskin MP Arra	84.05	309 eP	P	pmax	20 50 12.4	-3.2
BR231	comp-Z,41nm,1.8s						
BR231	Keskin MP Arra	84.05	309 eP	P	pmax	20 50 12.4	-3.2
BR231	comp-Z,41nm,1.8s						
DAWY	Dawson	84.14	26 eP	P	pmax	20 50 15.5	0.0
DAWY	comp-Z,11nm,1.1s						
DAWY	Dawson	84.14	26 eP	P	pmax	20 50 15.5	0.0
DAWY	comp-Z						

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include various station codes and names like TBK2M, BUI, MAN, NEIC, GCMT, KLM, DJA, IDC, ISC, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include station codes like JAGI, KBTM, CHBT, GENI, MYKOM, SSE, NONG, SRAK, GUMO, KGM, CHAI, UGM, NAYO, WHN, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include station codes like KSRS, CD2, FITZ, MJAR, PMG, BJT, BJI, MBWA, LZH, BRDH, CN2, USRQ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WMQ, MK1, MK31, MKAR, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like 349A, 245A, TXAR, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like 448A, NATX, 243A, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like 448A, NATX, 243A, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SCZT, TWG, HEN, TWK1, etc.

ICD 07 23:37:03.3-0.3, 76.93N-6.96E, h0km, mb4.6/42, mb1.4/747, mb1mx4.6/71, mbtmp4.6/47, ML4.0/5, MS4.4/58, MS1.4/458, ms1mx4.3/71, Error ellipse: s-maj=9.2km s-min=7.6km az=36.0

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

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KBS, SPA0, SPITS, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HFS, HFS Hagfors, KONO, etc.

7d 23h

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

2012 FEB

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KIS, SIRR, LEO, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like COLA, MLY, ES19, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time Res, Res. Includes stations like BUTP Butuan, CNP Catarman, BUKEP Musuan, etc.

ISC/JB 08 00:52:31.5-1.0, 24.19S:0.07:179.8W:0.1, h500km, mb3.7/3, Error ellipse: s-maj=18.0km s-min=8.3km az=167.8

IDC 08 00:52:33.6-4.5, 24.14S:179.84W, h522km, 45km, mb2.3/3, mb1 3.4/5, mb1mx3.0/43, mbtmp4.2/5, Error ellipse: s-maj=34.6km s-min=32.5km az=177.0

ISC 08 00:52:32.1-0.9, 24.20S:0.08:179.9W:0.1, h500km, n30, s=256/29, mb3.9/3, South of Fiji Islands

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time Res, Res. Includes stations like GLKZ Green Lake, DZM Mont Dzumac, PKGZ Pakhihori, etc.

PRU 08 00:52:43.3, 50.19N:12.36E, h0km, West Bohemia, Germany

NKC Novy Kostel 0.07 53 ePg Pg 00 52 44.5 -0.2
NKC comp=Z,3.7nm,0.1s eSg Sg 00 52 45.4 -0.2

SJA 08 01:11:24.6:0.6, 31.69S:68.27W, h12km, 2km, ML3.3, MW3.3
NEIC 08 01:11:24.0:0.0, 31.69S:68.35W, h34km, MD4.2(SJA), After SJA.

NEIC Felt (I) at Caucete and San Juan.
IASPEI 08 01:11:24.7:0.7, 31.68S:68.27W, h14km, mb5.9/3.
Argentina G75 from local network data INPRES Catalog, 2013, personal communication with Gerardo S'anchez, Dpto. Investigaciones Sismol'gicas, INPRES - Argentina

GUC 08 01:11:26.6:0.7, 31.82S:68.25W, h30km, 10km, ML3.7
ISC 08 01:11:26.9:0.8, 31.68S:0.02:68.30W:0.02, h30km, 6km,

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time Res, Res. Includes stations like SJA San Juan, SJA comp=Z,5um,0.2s, SJA SJA, etc.

IDC 08 01:15:18.8:1.7, 15.16N:59.99W, h0km, mb4.0/8, mb1 4.3/12, mb1mx3.8/61, mbtmp4.1/12, ML3.6/4, MS3.1/4, Ms1 3.1/4, ms1mx2.8/58, Error ellipse: s-maj=45.9km s-min=20.9km az=91.0

ISC/JB 08 01:15:28.9:0.4, 15.01N:0.02:60.71W:0.05, h72km, 2km, mb4.1/13, Error ellipse: s-maj=7.8km s-min=2.6km az=161.3

NEIC 08 01:15:28.9:0.0, 14.99N:60.74W, h62km, mb4.4/8, MD3.9(TRN), After TRN.
TRN 08 01:15:28.6:0.9, 15.01N:60.65W, h52km, MD3.9
ISC 08 01:15:29.3:0.9, 15.01N:0.03:60.66W:0.06, h63km, 7km, n105, s1910/138, mb4.3/13, 7C-12D, Leeward Islands

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time Res, Res. Includes stations like MVM Montagne Vaucel, BAMF Morne Balai, LPMF Morne Lapointe, etc.

H10N3 ASCENSION HYDR51.08 113 T 02 19 37.8
H10N2 ASCENSION HYDR51.09 113 T 02 19 41.4
H10N1 ASCENSION HYDR51.10 113 T 02 19 39.6
H10S3 ASCENSION HYDR51.43 115 T 02 20 07.9

8d 1h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like H10S1 ASCENSION HYDR61, H10S2 ASCENSION HYDR61, BGU Big Grassy Mt, etc.

KRNET 08 01:15:40.8.0.1, 41.00N:72.11E, h8km, mb2.7
NNC 08 01:15:41.0.2.0, 41.03N:72.12E, h0km, mb3.1, mpv3.0,
Error ellipse: s-maj=21.2km s-min=7.3km az=71.0
SOME 08 01:15:41.1, 41.00N:71.98E, h15km
ISC 08 01:15:40.4.1, 41.00N:0.03:72.16E:0.03, h2km, 12km,
n33, c1548/58, 19C-25, Kyrgyzstan

Main table of station data with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ARSB Arslanbob, ARSB Arkit, ARK Arkit, etc.

MEX 08 01:16:27.3.0.5, 14.85N:93.34W, h32km, 20km, MD3.9,
Near coast of Chiapas
Code Station Name Azimuth Phase ID Time Res
PCIG 0.85 8 i P Pn 01 16 41.1 -2.0
PCIG 6.0 e S Pn 01 16 51.6 -2.9
TGIG 1.92 6 e S Pn 01 16 56.0 -1.9
TGIG 4.0 e S Pn 01 17 18.6 -2.5

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

ISC 08 01:36:36.0.0.8, 0.69S: 133.16E, h0km, mb4.5/7,
mb1 4.6/8, mb1mx4.1/46, mbtmp4.5/8, ML4.3/1, MS4.8/1,
Ms1 4.8/1, ms1mx2.9/50, Error ellipse: s-maj=26.5km
s-min=15.3km az=65.0
ISC/CB 08 01:36:38.5.0.4, 0.68S:0.04:133.29E:0.03, h32km,
mb4.8/20, MS4.9/1, Error ellipse: s-maj=5.7km
s-min=4.8km az=6.2
NEIC 08 01:36:39.3.6.0, 7.5S: 133.02E, h24km, 25km, mb4.7/17,
LBM1 Error ellipse: s-maj=14.6km s-min=5.5km az=55.0
DJA 08 01:36:40.6.0.4, 1.54N:13.3E, h10km, M4.8/8, mb5.3/5,
mb5.2/5, MLV4.8/8, Mw(mb)4.5/5
ISC 08 01:36:40.8.0.6, 0.71S:0.06:133.20E:0.06, h32km, n59,
c168/59, mb4.6/20, Irian Jaya region

Main table of station data with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like RKPI Ransiki, SUJI Sorong, SUJI Sorong, etc.

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ZALV Zalesovo Beam, ZAA1 Zalesovo Array, KURK Kurchatov, etc.

MEX 08 01:40:15.0.0.4, 19.13N:104.30W, h16km, 115km, MD4.1,
Near coast of Jalisco
Code Station Name Azimuth Phase ID Time Res
EZ5V 0.75 62 e P Op ISC h m s ISC
EZ5V 0.75 62 e P Op ISC h m s ISC
MMIG Aquila 1.24 133 e S Pn 01 40 35.2 -5.0
MMIG 1.24 133 e S Pn 01 40 49.1 -5.1
ZIIG Zihuatanejo 3.09 119 e S Pn 01 41 00.5 -3.2
ZIIG 3.09 119 e S Pn 01 41 36.3 -4.0
ARIG Puente Sto Nin 3.84 102 e S Pn 01 41 12.1 -1.9
ARIG 3.84 102 e S Pn 01 41 55.2 -3.7

BUI 08 01:53:00.0, 9.73N:123.34E, h14km, mb4.6/38, mb5.1/31,
Ms4.5/25, Ms7.4/4/26
NEIC 08 01:53:01.3.0.2, 9.84N:123.18E, h10km, mb5.0/31, Error
ellipse: s-maj=6.2km s-min=4.4km az=79.0
NEIC Felt (I PIVS) on Guimaras Island at Tayasan, Negros.
Also felt at Bacong, Felt at Cebu City, Cebu and at
Palompon, Leyte.

MOS 08 01:53:02.8.1.1, 9.76N:123.23E, h38km, mb5.0/17,
Ms4.1/4, Error ellipse: s-maj=14.9km s-min=7.0km
ISC/JB 08 01:53:02.0.2.0, 9.90N:0.02:123.16E:0.02, h25km, 4km,
mb4.6/74, MS4.1/26, Error ellipse: s-maj=3.8km
s-min=3.0km az=164.1
DJA 08 01:53:08.1.1.5, 10.15N:121.3E, h36km, 11km, M4.7/25,
mb4.8/25, mb5.3/10, MLV4.7/1, Mw(mb)4.8/10
IDC 08 01:53:11.3.2.0, 9.78N:123.14E, h97km, 19km, mb3.9/19,
mb1 4.1/22, mb1mx3.9/65, mbtmp4.4/22, MS4.0/18,
Ms1 4.0/18, ms1mx3.7/59, Error ellipse: s-maj=17.9km
s-min=9.8km az=75.0

ISC 08 01:53:04.2.0.6, 9.84N:0.02:123.18E:0.03, h26km, 4km,
n215, c2820/247, mb4.7/74, MS4.2/26, 14C-6D, Negros
Code Station Name Azimuth Phase ID Time Res
SNPH Sibulan 0.50 174 i P Op ISC h m s ISC
SNPH 0.50 174 i P Op ISC h m s ISC
TBP Tagbilaran 0.69 103 e P Pn 01 53 15.9 -1.8
LLP Lapu-Lapu 0.91 59 e S Pn 01 53 48.4 -2.9
LLP 0.91 59 e S Pn 01 53 39.9 +0.3
GUIM Jordan 0.97 323 e S Pn 01 53 16.6 -5.6
GUIM 0.97 323 e S Pn 01 53 29.6 -5.6
DCPH Dipolog City 1.26 172i e P Op ISC h m s ISC
DCPH 1.26 172i e P Op ISC h m s ISC
SAN Jose, Anti 1.51 307 i P Pn 01 53 42.1 -0.3
JAVP 1.51 307 i P Pn 01 53 48.4 -2.9
MSLP Maasin 1.68 80 e S Pn 01 53 30.5 -1.5
MSLP 1.68 80 e S Pn 01 53 55.5 +0.3
RCP Roxas 1.76 346i e P Pn 01 53 28.5 -4.6
OCLP Ormoc 1.85 49 e P Pn 01 53 32.5 -1.8
OCLP 1.85 49 e P Pn 01 54 02.2 +2.2
PAGZ Pagadian 1.99 174 e S Pn 01 54 04.5 +0.2
PAGZ 1.99 174 e S Pn 01 54 04.5 +0.2
PLP Palo 2.20 53i e P Pn 01 53 38.0 -1.2
PLP 2.20 53i e P Pn 01 54 06.2 +0.6
SCPH Surigao 2.28 91i e P Pn 01 53 39.7 -0.5
BUTP Butuan 2.56 110 e S Pn 01 53 43.9 +0.2
BUTP 2.56 110 e S Pn 01 54 18.7 -1.8
BUKP Musuan 2.70 136 e S Pn 01 53 46.1 +0.1
BUKP 2.70 136 e S Pn 01 54 23.9 +0.6
OTRP Odiongan 2.75 336 e P Pn 01 53 44.5 -2.2
OTRP 2.75 336 e P Pn 01 54 19.9 +0.8
CTRP Cotabato-PC H 2.81 158i e P Pn 01 53 48.6 +1.1
CTBH 2.81 158i e P Pn 01 54 24.9 -2.9
BESP Borongan 2.82 52 e S Pn 01 53 46.6 -1.1
CNP Catarman 3.02 29 e P Pn 01 53 49.0 -1.1
CNP 3.02 29 e P Pn 01 54 45.7 +1.2
SJMP San Jose 3.29 322 e P Pn 01 53 52.5 -1.7
SJMP 3.29 322 e P Pn 01 54 32.2 -0.4
AUQP San Andres 3.49 352 e P Pn 01 54 13.0 +7.7
BIPH Bislig 3.55 117i P Pn 01 54 01.6 +3.9
BIPH 3.55 117i P Pn 01 54 52.2 +3.2
BUSP Coron 3.63 307 e P Pn 01 53 57.0 -1.8
BUSP 3.63 307 e P Pn 01 54 38.1 -2.7
DAV Davao City (W) 3.64 139 P Pn 01 54 07.1 -0.7
DAV 3.64 139 P Pn 01 54 07.1 -0.7
DAV comp=Z, 1.0m, 20.3s, baz=340, slow=38, SNR=6.1
DAV 3.64 139 e Pn 01 54 00.0 +1.1
DAV 3.64 139 e Pn 01 54 17.1 +0.6
BOAC Boac 3.82 340 e S Pn 01 54 00.9 -0.6
BOAC 3.82 340 e S Pn 01 54 57.5 +0.6
PVCP Virac 3.85 14 e P Pn 01 54 02.1 +0.3
PVCP 3.85 14 e P Pn 01 54 58.1 +0.5
ENPP El Nido 3.93 290 e S Pn 01 53 59.5 -3.4
ENPP 3.93 290 e S Pn 01 54 44.6 -3.8
PPR Puerto Princes 4.39 269i P Pn 01 54 08.0 -1.2
PPR 4.39 269i P Pn 01 54 53.5 -6.1
LPP Lubbang 4.54 339i e P Pn 01 54 14.8 +3.1
LPP 4.54 339i e P Pn 01 54 21.8 -5.3
TGYP Tagaytay City 4.77 333 P Pn 01 56 15.7
TGYP 4.77 333 P Pn 01 56 15.7
TGYP comp=Z, 2.0m, 19.1s, baz=170, slow=38, SNR=6.1
TGYP 4.77 333 P Pn 01 54 39.5 +0.4
TGYP 4.77 333 P Pn 01 55 56.1 +3.0
KKM Kota Kinabalu 7.86 242 e Pn 01 54 56.0 -1.1
KKM 7.86 242 e Pn 01 56 19.1 -6.3
TNTI Ternate 9.93 155 e Pn 01 55 26.6 +1.2
TNTI 9.93 155 e Pn 01 55 39.5 +1.9
LUWI Luwuk 10.82 182 P Pn 01 55 35.0 -2.6
LUWI 10.82 182 P Pn 01 56 06.9 -2.4
TTSI Tana Toraja 13.23 195 P Pn 01 56 13.2 +2.6
TTSI 13.23 195 P Pn 01 56 13.2 +2.6
SIJI Sorong 13.34 142 LR LR 02 01 29.4
SIJI comp=Z, 5.0m, 21.6s, baz=8.0, slow=37, SNR=6.1
SIJI 13.34 142 LR LR 02 01 29.4
SPSI Sidrap Palu 14.13 194 P Pn 01 56 26.0 +3.1
SPSI 14.13 194 P Pn 01 56 26.0 +3.1
KAPI Kappang 15.15 193 P Pn 01 56 44.2 +2.6
KAPI 15.15 193 e Pn 01 56 36.5 -0.1
STKI Sintang 15.26 231 P Pn 01 56 41.1 -0.6
KSM Kuching 15.26 238 e Pn 01 56 35.8 -2.4
QIZ Qiongchang 15.81 307 P Pn 01 56 45.2 +0.0
QIZ 15.81 307 P Pn 01 59 42.4 +2.6
QIZ comp=N, 460nm, 12.4s LR LR
QIZ comp=E, 700nm, 15.2s LR LR
QIZ comp=Z, 760nm, 16.9s LR LR
JOW Kunigami 17.57 15 P Pn 01 57 11.3 +3.0
JOW 17.57 15 e Pn 01 57 11.3 +3.0
JOW 17.57 15 e Pn 01 57 11.3 +3.0
MMRI Maumere 18.38 183 P Pn 01 57 20.6 +3.1
MMRI 18.38 183 e Pn 01 57 20.9 +3.4
MMRI 18.38 183 e Pn 01 57 20.9 +3.4
KMMI Kallianget 19.13 209 P Pn 01 57 29.8 +3.3
KMMI 19.13 209 P Pn 01 57 29.8 +3.3
PLAI Plampang 19.31 196 P Pn 01 57 29.5 +0.8
PLAI 19.31 196 P Pn 01 57 29.5 +0.8

Table with columns for station name, frequency, power, and other technical details. Includes stations like SRBI Singaraja, SOEI Soe, ABJI Asem Bagus, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like WRAB Tennant Creek, WR1 Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KSH comp=Z,92nm,5.1s, YAK Yakutsk, ZALV Zalesovo Beam, etc.

WEL 08 01:58:38.1 ± 1.30° S ± 4.17° W; 1° 0, h33km, M/L6.2/2
MOS 08 01:58:40.2 ± 1.1, 29°23'S; 177.40W, h33km, mb5.5/56,
MS4.8/4, Error ellipse: s-maj=11.1km s-min=9.3km
GCMT 08 01:58:41.5 ± 0.1, 29°23'S; 176°94W, h33km, MW5.4/121,
Moment Tensor Solution, s108.c173; s121.c187;
Duration: 1s2 Moment tensor: s108.c173; s121.c187;
Mn:1.08±.02; Mw:0.05±.02; Ms: -1.13±.02; Mo:0.24±.03;
Mw:0.32±.01; Mw:0.79±.02; Best double couple:
Mo:1.40900x10^17 NP1:0.1600000; 0.6300000;
1.92.00000; NP2:0.192.00000; 0.827.00000; 1.87.00000;
Principal axes: T 1.3440, P172.0000, Azm290.0000; N
0.1300, P102.0000; Azm195.0000; P -1.4740,
P187.0000; Azm105.0000; nsta1 refers to body waves,
cutoff=50s; nsta2 refers to surface waves, cutoff=50s.
NEIC 08 01:58:41.5 ± 0.6, 29°46'S; 177°41'W, h36km, mb5.3/128
Error ellipse: s-maj=7.2km s-min=4.4km az=153.0
ISCJB 08 01:58:41.0 ± 0.5, 29°66'S; 0102°17'33W; 0.04, h48km, 4km,
s-min=2.162, MS4.8/41, Error ellipse: s-maj=5.5km
s-min=3.2km az=17.5
IDC 08 01:58:42.6 ± 0.1, 29°32'S; 177°34W, h46km, mb4.7/23,
mb1.4.9/23, mb1mx4.7/43, mbtmp5.0/23, MS4.7/37,
Ms1 4.7/37, ms1mx4.6/43, Error ellipse: s-maj=16.8km
s-min=12.9km az=174.0
Bull 08 01:58:42.2, 28°76'S; 176°52W, h56km, mb5.3/33,
mb5.7/26, Mb5.3/17, Ms7.5/0/15
ISC 08 01:58:41.0 ± 0.5, 29°47'S; 0105°17'31W; 0.05, h31km, 2km,
n714, 1863/706, mb5.3/162, MS4.8/41, 15C-27D,
Kermadec Islands
Code Station Name Δ° AZ° Phase ID Time Res
GLKZ Green Lake 0.72 286 P Pb 01 58 53.2 -1.0

8d 1h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like GLKZ, RAO, RIZ, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like CTA, CTAO, ARPS, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like SNA, NVL, ASAJ, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like YBHB, VCNB, YERR, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like G08A, MNTX, MNTX, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like PDAR, T25A, TRF, etc.

Main table containing station names, frequencies, and various technical parameters. Includes a sub-table for 'ATH 08:02:09.44.4' and 'CSEM 08:02:09.44.5' with detailed coordinates and error rates.

Code Station Name Azimuth Phase IDSC H Time Res ISC. Table listing station codes, names, azimuths, phases, and other technical details.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Voula, Athens; Erertia; Ath Athens Observa; DID Didima; MANT Manisa.

ISC/JB 08 02:23:59.0.0.6.37.74N.0.03:25.76E.0.03,h4km,5km, Error ellipse: s-maj=4.7km s-min=3.4km az=144.4

ATH 08 02:23:59.1,37.71N:25.82E,h28km,1km,ML2.8/5, Error ellipse: s-maj=2.2km s-min=0.9km az=115.0

CSEM 08 02:23:59.4.0.1,37.73N:25.70E,h5km,ML2.8, Error ellipse: s-maj=3.4km s-min=2.5km az=135.0

ISK 08 02:23:59.3,37.70N:25.83E,h9km,ML3.4/8

DDA 08 02:24:01.2,37.77N:25.91E,h7km,ML3.1

ISC 08 02:23:59.4.1.1,37.73N.0.03:25.81E.0.02,h10km,10km,n58,r068/80, Dodecanese Islands

Main table for the first section, listing station codes, names, and coordinates. Includes stations like Chios island, Apeiranthos, Samos, Bodrum, etc.

MAN 08 02:26:52,10.23N-123.28E,h1km,mb4.3,ML3.2,MS2.9, 1C-2D,Cebu

Table for MAN 08 02:26:52,10.23N-123.28E, listing station codes and names like LLP Lapu-Lapu, GUIM Jordan, etc.

MAN 08 02:32:10,10.15N-123.26E,h0km,mb4.4,ML3.2,MS3.0, 2C-2D,Cebu

Table for MAN 08 02:32:10,10.15N-123.26E, listing station codes and names like LLP Lapu-Lapu, TBP Tagbilaran, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Jordan, San Jose, Anti, Roxas, etc.

IDD 08 02:34:36.9.0.8,30.89N:103.53E,h0km,mb3.9/13, mb1.4,1/8,mb1mx3.7/70,mbtmp3.9/14,ML3.8/1,MS4.2/2, Ms1.4,2/2,ms1mx3.0/63, Error ellipse: s-maj=31.6km s-min=15.5km az=50.0

ISC/JB 08 02:34:38.6.0.9,30.89N.0.05:103.50E.0.06,h25km,6km, mb3.9/16,MS4.3/2, Error ellipse: s-maj=10.7km s-min=5.9km az=137.4

NEIC 08 02:34:38.2.1.6,30.85N:103.37E,h10km,10km,mb4.3/4, ML3.9/(BJJ), Error ellipse: s-maj=11.1km s-min=5.3km az=54.0

BUJ 08 02:34:40.3,30.96N:103.48E,h19km,mb4.1/5,ML3.9/17, Ms3.6/8,Ms7.3/5

ISC 08 02:34:39.8.1.1,30.92N.0.03:103.56E.0.05,h17km,7km,n46,r135/62,mb4.0/16,Sichuan

Main table for the second section, listing station codes, names, and coordinates. Includes stations like Chengdu, Lanzhou, Guiyang, etc.

ISC/JB 08 02:45:52.2.1.2,32.61S:0.07:0.07W.0.10, h123km,10km, Error ellipse: s-maj=16.1km s-min=7.9km az=40.6

SJA 08 02:45:52.0.0.5,32.74S:69.94W,h110km,27km,ML2.3, MW3.1

GUC 08 02:45:53.0.0.4,32.48S:0.07:0.01W,h101km,9km,ML2.5

ISC 08 02:45:52.9.2.8,32.61S:0.08:0.06W.0.09, h117km,22km,n11,r069/18,Chile-Argentina border region

Main table for the third section, listing station codes, names, and coordinates. Includes stations like Makanchi Array, ZALV Zalesovo Beam, etc.

IDD 08 02:38:20.7.1.7,14.00N:90.69W,h0km,mb3.8/5, mb1.4,1/8,mb1mx3.7/46,mbtmp3.8/8,ML3.9/3,MS3.7/1, Ms1.3,7/1,ms1mx2.8/48, Error ellipse: s-maj=60.8km s-min=21.2km az=36.0

SSS 08 02:38:22.4,13.48N:91.17W,h15km,ML3.7

UCR 08 02:38:22.6.0.9,13.49N:91.17W,h15km,ML3.6, mb4.0/(NEIC)

NEIC 08 02:38:25.9.1.5,13.74N:91.04W,h47km,13km,mb4.0/12, Error ellipse: s-maj=31.2km s-min=9.9km az=215.0

ISC 08 02:38:23.2.0.9,13.6N.0.1:91.15W.0.06,h29km,n48,r188/53,mb4.0/14,1C,Near coast of Guatemala

Table for ISC 08 02:38:23.2.0.9,13.6N.0.1:91.15W.0.06, listing station codes and names like IXG Ixapaco, RTR El Retiro, etc.

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

OPAM San Salvador 1.91 85 eP Pn 02 38 55.0 +1.2

MT03 Montecristo 1.93 64 iP Pn 02 38 55.0 +1.6

LFOJ La Fuente 1.99 84 eP Sb 02 38 56.5 +1.1

LFRS Lajas Ar, Si 2.02 326 eP Pn 02 38 57.0 +1.4

LBR5 Las Brisas 2.06 85 eP Pn 02 38 57.5 +1.6

LLGN La Laguna 2.23 74 eP Pn 02 38 58.0 +1.7

TECA Tecapa 2.58 91 eP Pn 02 39 04.5 +1.3

LCND La Ca+ada 3.19 94 eP Pn 02 39 12.5 +1.2

CH3 Conchagua 3.24 94 iP Pn 02 39 13.2 +1.0

TGUH Tegucigalpa,Un 3.80 82 eP Sb 02 39 22.7 +2.9

TGUH Tegucigalpa,Un 3.80 82 eSb Sn 02 40 05.0 +1.4

CMIG Matias Romero 5.03 315 Pn 02 39 37.3 +0.5

OMIG comp=2.3,7nm,0.3s,baz=268,slow=22,SNR=6.0 02 40 36.8 +2.8

JTS JuntasAbangar 6.88 117 Pn 02 40 32.7 +0.5

JTS comp=2.0,9nm,0.3s,baz=14,slow=22,SNR=6.1 02 41 18.1 -1.5

JTS comp=2.0,3nm,0.3s,baz=278,slow=15,SNR=1.1 02 41 44.9

JTS comp=2.0,4nm,0.3s,baz=180,slow=10,SNR=3.2 02 41 44.9

ROSC El Rosal 18.72 116 LR 02 50 06.1

ROSC comp=2.53nm,21.5s,baz=266,slow=38 19.36 111 eP Pn 02 42 46.8 -0.3

RUSC comp=2.5,5nm,1.6s 19.52 326 P Pn 02 42 50.1 +0.2

TXAR Lajas Ar, Si 19.52 326 P Pn 02 42 51.2 +1.3

ABTX Abtena Hwys 20.51 339 eP P 02 42 58.2 -0.9

HBAR Harrisburg 21.91 1 eP P 02 43 08.4 -5.7

WMOK Wichita Mounta 22.19 343 eP P 02 43 15.7 -1.5

CMX Cornudas Mt 22.29 326 eP P 02 43 18.3 +0.1

CCM Cathedral Cave 24.40 368 eP P 02 43 33.8 -5.3

BNN Barren Site 24.85 328 eP P 02 43 44.8 +1.3

ANMO Albuquerque 25.40 330 P P 02 43 49.8 +1.4

ANMO Albuquerque 25.40 330 eP P 02 43 49.8 +1.4

X16A Lo Mia Camp, P 27.73 322 eP P 02 44 10.6 +1.7

PV05 Paradox Valley 29.17 330 eP P 02 44 21.4 -0.9

JFWS Jewell Farm 29.27 1 eP P 02 44 21.4 -1.4

PV10 Paradox Valley 29.331 eP P 02 44 29.5 +5.3

MTPU Mount Pierson 30.73 326 eP P 02 44 39.7 +3.4

NV01 Mina Array Sit 34.53 321 eP P 02 45 12.2 +2.8

NV01 Mina Array Sit 34.53 321 eP P 02 45 12.2 +2.8

NVAR comp=2.0,5nm,0.7s,baz=107,slow=3,SNR=3.8 02 47 44.6 +0.6

NVAR Circle Bar Ran 37.86 327 eP P 02 45 39.9 +2.2

F10A Beach Ranch, E 39.10 331 eP P 02 45 48.8 +0.8

SCHO Schefferville 45.36 20 P P 02 46 36.2 -2.5

SCHO Schefferville 45.36 20 eP P 02 46 36.2 -2.5

YKA Yellowknife Ar 51.65 346 P P 02 47 25.8 -1.2

YKB5 Yellowknife Ar 51.65 346 P P 02 47 25.8 -1.2

ILAR Eielson Array 63.57 337 eP P 02 48 50.0 -0.9

ILB Eielson Array 63.57 337 eP P 02 48 50.0 -0.9

CM31 Chiang Mai Arr 146.67 342 ePKP P 02 58 03.2 +0.1

CMAR Chiang Mai Arr 146.67 342 ePKP P 02 58 03.2 +0.1

Main table for the fourth section, listing station codes, names, and coordinates. Includes stations like Uspallata, Farellones, Peldehue, etc.

JMA 08 03:03:34.2.0.1,23.72N:122.87E,h54km,4km,ML2.6

TAP 08 03:03:35.1,23.76N:122.86E,h37km,1km,ML3.3,C

ISC 08 03:03:31.2.1.4,23.68N.0.03:122.87E.0.02,h13km,11km,n51,r074/82,1C-1D,Taiwan region

Table for ISC 08 03:03:31.2.1.4,23.68N.0.03, listing station codes and names like JYNG Yonagunijimaku, etc.

JMA 08 03:03:34.2.0.1,23.72N:122.87E,h54km,4km,ML2.6

Table for JMA 08 03:03:34.2.0.1,23.72N:122.87E, listing station codes and names like JYNG Yonagunijimaku, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Shilin, Ishigaki jima, Ruisui, etc.

JMA 08 03:05:44.8±0.1, 39°10'N, 142°37'E, h31km, 1km, M3.5, Near east coast of eastern Honshu

KRSC 08 03:11:40.5±1.3, 34.70°N, 164°29'E, h43km, 34km, ML3.6, Komandorsky Islands region

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

MAN 08 03:19:06, 103°N, 123°15'E, h5km, mb4.7, ML3.6, 2C-4D, Cebu

IDC 08 03:23:11.6±2.3, 11°15'N, 125°93'E, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.5/65, mbtmp3.7/5, MS3.2/Ms1 3.2/2, ms1mx2.6/56, Error ellipse: s-maj=156.9km s-min=20.2km

ISCJB 08 03:23:14.4±0.8, 11°35'N, 125°126'14E, 0'06, h33km, mb3.7/5, MS3.2/1, Error ellipse: s-maj=8.9km s-min=7.1km az=143.8

MAN 08 03:23:14.1±1.1, 11°30'N, 126°05'E, h19km, mb4.9, ML3.8, MS3.8, ISC 08 03:23:15.7±1.1, 11°30'N, 126°02'E, 0'08, h33km, m18, a156/20, mb3.7/5, 3D, Philippine Islands region

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

MEX 08 04:07:05.7±0.5, 15°32'N, 94°37'W, h74km, 17km, MD4.1, Near coast of Oaxaca

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

MAN 08 04:09:18, 9°19'N, 123°01'E, h48km, mb3.9, ML2.7, MS2.2, ID, Negros

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

BE0 08 04:28:19.3±0.6, 40°62'N, 20°53'E, h0km, M3.5/1, TIR 08 04:28:20.0±0.7, 40°82'N, 20°55'E, h8km, 41km, ML4.1

IDC 08 04:28:20.7±1.0, 40°89'N, 20°58'E, h0km, mb3.7/9, mb1 3.8/14, mb1mx3.6/65, mbtmp3.7/14, ML2.9/5, MS3.4/8, Ms1 3.5/8, ms1mx2.9/68, Error ellipse: s-maj=18.5km s-min=14.1km az=28.0

SKO 08 04:28:21.2, 40°83'N, 20°50'E, h19km, M2.6, ML3.5, ATH 08 04:28:21.1, 40°84'N, 20°53'E, h20km, 1km, ML4.0/7, Error ellipse: s-maj=1.6km s-min=0.9km az=192.0

THE 08 04:28:21.3, 40°82'N, 20°47'E, h0km, ML3.9/10, Error ellipse: s-maj=0.6km s-min=0.2km az=283.0

ISCJB 08 04:28:22.3±0.3, 40°79'N, 01°20'48E, 0'02, h16km, 4km, mb3.6/8, MS3.5/6, Error ellipse: s-maj=3.0km s-min=2.0km az=143.5

CSEM 08 04:28:22.0±0.1, 40°79'N, 20°55'E, h2km, ML4.1, Error ellipse: s-maj=3.1km s-min=1.8km az=56.0

PDG 08 04:28:22.4±0.6, 40°82'N, 20°61'E, h10km, 1km, ML3.6/9, Error ellipse: s-maj=0.6km s-min=1.0km az=0.0

PRU 08 04:28:23.7, 40°89'N, 20°74E, h0km, ISC 08 04:28:21.8±1.0, 40°80'N, 01°20'53E, 0'02, h8km, 7km, n267, a121/363, mb3.7/8, MS3.4/6, 37C-16D, Greece-Albania border region

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like PVY Thessaloniki, PDG Podgorica, BUM Brajci-Budva, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like FGSL Fruska Gora, FRGS Fruska Gora, BZS Buzias, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like KRUS, PHP Peshkopia, VANB Van, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TIAR, DZM, MAW, VAH, PMOR, STKA, AFI, PLCA, TAOE, ASAR, WRA, CPUP, CPUP, BOSB, KURBA.

MAN 08:20:01.9, 8.98N x 123.12E, h16km, mb4.3, ML3.1, MS2.9, 1C-10, Negros

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SNPH, TBI, GUIM, LLP, DCPH, RCP, MSLP, OCLP, PAGZ, BUKP, BUKP.

JMA 08:21:06.0, 1.3744N, 141.29E, h29km, 1km, M3.5, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JFK, JFK, ONAJ, JMM, JMM, JFT, JFO, JHO, JIO, JOU, JYS, JYS, JFY, MAT, MAT.

IDC 08:21:37.1, 3.4, 53.42N-87.48E, h0km, mb1.2/2, mb1mx2.5/7.7, mbmtmp.2/7.2, ML2.5/2, Error ellipse: s-maj=39.8km s-min=20.2km az=83.0, Southwestern Siberia

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

SJA 08:28:35.5, 0.6, 23.91S; 66.95W, h213km, 11km, ML2.3, MW2.9

ISCJB 08:28:37.9, 1.0, 23.95S; 0.07, 67.0W; 0.1, h181km, mb3.1/2, Error ellipse: s-maj=17.0km s-min=7.4km az=158.1

IDC 08:28:40.0, 10.0, 23.72S; 66.42W, h196km, 7.5km, mb3.2/2, mb1.3/4.3, mb1mx3.1/3.7, mbmtmp.6/3, Error ellipse: s-maj=16.7km s-min=5.1km az=29.0

ISC 08:28:37.2, 1.3, 23.95S; 0.09, 67.1W; 0.2, h181km, n10, c1934/13, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HJA, AZAP, YJA, FSA, FSA, LPAZ, LPAZ, TORJ, YKA, MKAR.

IDC 08:38:45.2, 1.3, 11.72S; 123.46E, h0km, mb3.8/2, mb1.3/8.5, mb1mx3.6/5.2, mbmtmp.3/7.5, ML3.5/3, Error ellipse: s-maj=42.0km s-min=18.4km az=71.0

ISCJB 08:38:47.3, 1.0, 11.89S; 0.05, 123.2E; 0.1, h33km, mb3.7/2, Error ellipse: s-maj=18.0km s-min=6.3km az=163.8

ISC 08:38:49.3, 1.3, 11.81S; 0.06, 123.3E; 0.1, h35km, n6, c157/10, South of Timor

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

Table with columns: WRA, ASAR, ASAR, MKAR, KURBB. Includes station names and coordinates.

IDC 08:06:47:52.3, 4.9, 13.07N; 51.23E, h0km, mb3.7/6, mb1.3/8.6, mb1mx3.5/6.5, mbmtmp.3/7.6, MS3.5/5, M1 3.4/5, ms1mx2.9/5.8, Error ellipse: s-maj=132.9km s-min=26.3km az=153.0

ISC 08:06:47:54.7, 5.0, 13.13N; 0.8, 51.2E; 0.5, h16km, n10, c497/6, mb4.0/6, MS3.3/5, Eastern Gulf of Aden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EIL, GEYT, GEYT, GNI, BRTR, KBZ, MKAR, TORJ, ZALV, ESDC.

SKO 08:07:04:40.6, 42.400N-21.38E, h15km, M2.3, ML2.7

SOF 08:07:04:47.9, 42.000N-21.49E, h2km

ISCJB 08:07:04:47.5, 0.4, 41.96N; 0.01, 21.54E; 0.03, h0km, 3km, Error ellipse: s-maj=3.6km s-min=2.5km az=4.5

CSEM 08:07:04:48.1, 0.1, 41.94N; 21.55E, h5km, ML2.2, Error ellipse: s-maj=2.8km s-min=2.0km az=88.0

ATH 08:07:04:48.8, 41.92N; 21.61E, h2km, 1km, ML2.0/4, Error ellipse: s-maj=3.9km s-min=1.6km az=157.0

BEO 08:07:04:49.2, 0.3, 41.97N; 21.50E, h4km, 1km, M2.2/1

ISC 08:07:04:48.0, 8.4, 41.96N; 0.02, 21.53E; 0.02, h6km, 5km, n48, c072/87, 3C-1D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SKO, SKO, SKO, SKO, SKO, KRUS, KRUS, BARS, BARS, BARS, BIA, BIA, OHR, OHR, OHR, OHR.

OHR comp=N, 95nm, 0.4s

OHR comp=E, 165nm, 0.5s

KKB, FNA, FNA, FNA

FNA comp=N, 173nm, 0.3s

FNA comp=E, 235nm, 0.7s

FNA, FNA, GRG, GRG

GRG comp=N, 82nm, 0.3s

GRG comp=E, 113nm, 0.5s

GRG, SELS, SELS

KNT, KNT, KNT

KNT comp=E, 49nm, 0.7s

KNT comp=N, 55nm, 0.5s

KNT, TIR, TIR

TIR, TIR, VTS, VTS

VTS, VTS, VTS, VTS

ZAPS, ZAPS, NEST, NEST

NEST, NEST, NEST

NEST comp=E, 147nm, 0.7s

NEST, NEST, NEST

NEST, NEST, BOVS, BOVS

BOVS, BOVS, BOVS, BOVS

MMB, SJS, SJS

SRS, SRS, SRS, PENT, PENT

PENT, PENT, PENT, NVR, NVR

NVR, NVR, ZAGS, ZAGS

ZAGS, ZAGS, GRUS, GRUS

GRUS, TRUS, TRUS

TRUS, TRUS, TRUS

TRUS, TRUS

Table with columns: DIVS, DIVS, DIVS, THL, THL, KUBS, KUBS, KUBS. Includes station names and coordinates.

IDC 08:07:19:29.3, 1.2, 14.90N; 87.66W, h0km, mb3.5/4, mb1.3/9.5, mb1mx3.6/4.8, mbmtmp.3/6.5, ML3.5/1, MS3.1/5, M1 3.1/5, ms1mx2.8/3.2, Error ellipse: s-maj=39.8km s-min=17.6km az=47.0

ISC 08:07:19:26.0, 9.1, 14.7N; 0.2, 87.7W; 0.1, h10km, n12, c253/10, mb3.4/3, Honduras

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JTS, JTS, CMIG, CMIG, CMIG, SDV, TXAR, SJG, LPJG, ANMO, YKA, ILAR, WRA, ASAR, CMAR.

ISCJB 08:07:24:0.3, 0.6, 42.88N; 0.02, 78.52E; 0.04, h1km, 5km, Error ellipse: s-maj=5.2km s-min=3.6km az=31.3

SOME 08:07:24:04.5, 42.88N; 78.50E, h15km

KRNET 08:07:24:04.6, 0.1, 42.89N; 78.51E, h21km, mb2.7

ISC 08:07:24:04.0, 4.0, 42.89N; 0.03, 78.51E; 0.02, h15km, 7km, n34, c072/68, 12C-2D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SATY, SATY, ZHN, ZHN, ZHN, PRZ, PRZ, UZB, UZB, UZB, UZB, KPKS, KPKS, PDGK, PDGK, KOTS, KOTS, MDOK, MDOK, MDOK, TNS, TNS, TNS, DJK, DJK, IZV, IZV, IZV, ARXS, ARXS, ARXS, CHKK, CHKK, CHKK, CHKK, DJR, DJR, ULHL, ULHL, KUU, KUU, KUU, KST, KST, KST.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, H, m, s, Res. Includes stations like BASKALE VAN, TUTAK, GUROYMAK-BITLI, etc.

comp=Z,3.1nm,0.7s,baz=349,slow=3.7,SNR=13
ISCJBJ 08 09:38:51.8,0.4,14.99N,0.04:93.91W,0.03,h10km,
mb4.5/79,MS3.9/25, Error ellipse: s-maj=6.3km
s-min=4.6km az=22.3
IDC 08 09:38:52.7,0.9,15.11N,93.87W,h0km,mb4.1/18,
mb1.4,3/21,mb1mx4.2/52,mbtmp4.1/21,ML3.6/3,MS3.9/26,
Ms3.9/20,ms1mx3.7/47, Error ellipse: s-maj=24.2km
s-min=13.4km az=56.0
NEIC 08 09:38:53.7,0.0,14.67N,94.45W,h16km,mb4.6/79,
MD4.6(MEX), After MEX.
NEIC Felt (V) at Tonalá.
MEX 08 09:38:53.7,1.8,14.67N,94.45W,h16km,34km,MD4.6
ISC 08 09:38:52.7,0.5,14.79N,0.06:94.38W,0.04,h10km,n429,
c1999/416,mb4.6/79,MS3.9/25, Off coast of Chiapas

Main station list table with columns: Code, Station Name, Az, Az2, Phase, ID, H, m, s, Res. Includes stations like PCIG, HUATULCO, CMIG, VHO, etc.

Main station list table with columns: Code, Station Name, Az, Az2, Phase, ID, H, m, s, Res. Includes stations like Y49A, W39A, W40A, X46A, etc.

455		2012 FEB										8d		9h									
S43A	Fulton Ridge, baz=191	23.01	9	P	P	09 43 54.6	-3.2	O44A	Mansfield baz=193	25.79	10	P	P	09 44 21.9	-2.0	PDAR	Pinedale Array	30.79	338	eP	P	09 45 09.7	+0.9
T47A	Sharon Grove baz=198	23.04	15	P	P	09 43 56.3	-1.8	N37A	Lee Faris, Mou baz=180	25.87	0	P	P	09 44 23.8	-0.8	G43A	Wallace baz=193	30.89	9	P	P	09 45 07.9	-1.5
S42A	Caledonia baz=189,SNR=5.0	23.11	7	P	P	09 43 56.6	-2.2	N38A	Joe South For baz=183,SNR=55	25.93	2	P	P	09 44 24.1	-1.0	F34A	Alexandria	30.92	359	P	P	09 45 08.7	-0.9
S44A	Carbondale baz=193	23.26	10	P	P	09 43 58.1	-2.2	N36A	Muff Farm, Cia baz=179	25.93	359	P	P	09 44 23.6	-1.6	F35A	Swanville baz=180	30.97	360	P	P	09 45 09.0	-1.0
SIUC	Southern Illin 42nm,1.2s	23.29	10	eP	P	09 43 59.9	-0.7	N35A	Tabor baz=177	26.00	358	P	P	09 44 24.3	-1.4	F36A	Milaca baz=182	30.98	1	P	P	09 45 08.6	-1.6
R38A	Fenwick Farm, baz=181,SNR=9.3	23.31	1	P	P	09 43 59.1	-1.8	N41A	Harden Midland baz=188	26.00	6	P	P	09 44 24.5	-2.3	F38A	Pierce Schro baz=185	31.14	3	P	P	09 45 09.9	-1.6
T48A	Bowling Green baz=200	23.34	16	P	P	09 43 58.9	-2.3	N34A	Lincoln baz=176	26.02	356	P	P	09 44 24.5	-1.5	F39A	Loretta baz=187	31.16	5	P	P	09 45 10.5	-1.2
CCM	Cathedral Cave baz=188	23.34	6	P	P	09 43 59.3	-1.8	O45A	Potomac baz=195	26.02	12	P	P	09 44 24.1	-1.8	HVU	Hansel Valley 6.3nm,0.8s	31.25	333	eP	P	09 45 14.6	+1.8
CCM	Cathedral Cave 13nm,0.8s	23.34	6	eP	P	09 43 59.6	-1.5	N39A	Derby Farms, D baz=184,SNR=11	26.04	3	P	P	09 44 24.2	-1.9	F43A	Flat Rock, Esc baz=194	31.53	10	P	P	09 45 13.1	-1.9
KMSC	Kings Mountain baz=213	23.41	28	P	P	09 44 00.8	-1.2	HDL	Hopedale baz=191	26.05	9	P	P	09 44 24.3	-1.9	NV11	Mina Array Sit comp=1.0s	31.55	323	eP	P	09 45 19.6	+4.2
R37A	Teagarden Farm baz=179	23.43	359	P	P	09 44 00.4	-1.7	N40A	Mertquake, Sal baz=186	26.11	5	P	P	09 44 24.8	-2.0	BINY	Binghamton baz=216	31.59	27	P	P	09 45 13.9	-1.7
R39A	Chumby, Stover baz=183,SNR=30	23.46	3	P	P	09 44 01.0	-1.4	N42A	Yates City baz=190	26.22	7	P	P	09 44 25.8	-1.9	NV01	Mina Array Sit 1.5nm,0.7s,baz=107,slow=8.1,SNR=10	31.63	323	eP	P	09 45 18.9	+2.6
R36A	Gordon, Harris baz=178	23.46	358	P	P	09 44 00.4	-2.0	PV01	Paradox Valley baz=191	26.44	334	eP	P	09 44 28.1	-1.6	NVAR	Mina Array Bra 1.5nm,0.7s,baz=107,slow=8.1,SNR=10	31.63	323	P	P	09 45 18.8	+2.5
R40A	Maddies Statio baz=185,SNR=15	23.48	4	P	P	09 44 01.4	-1.2	N43A	Stutzman Famil baz=194	26.44	9	P	P	09 44 28.1	-1.6	NVAR	comp=Z,490nm,18.4s,baz=121,slow=39 LR	31.64	1	P	LR	09 59 21.9	
R35A	Emporia Munci baz=176	23.50	356	P	P	09 44 00.9	-1.9	N44A	Piper City baz=194	26.47	11	P	P	09 44 27.6	-2.4	E36A	McGregor baz=177	31.64	1	P	P	09 45 14.6	-1.4
R34A	Isabella Hill baz=173,SNR=7.7	23.55	354	P	P	09 44 01.3	-2.0	M37A	Trindle Farm, baz=181,SNR=9.5	26.52	1	P	P	09 44 29.1	-1.4	E33A	Westby DABS, E baz=177	31.64	358	P	P	09 45 15.3	-0.7
R41A	Rosebud baz=187	23.56	6	P	P	09 44 00.8	-2.6	M38A	Pleasantville baz=183,SNR=18	26.55	2	P	P	09 44 29.0	-1.7	E35A	Pequot Lakes baz=180,SNR=9.7	31.67	360	P	P	09 45 14.7	-1.5
R42A	Luebbering baz=189,SNR=6.7	23.61	7	P	P	09 44 01.4	-2.5	M36A	Felix, Anita baz=179	26.57	359	P	P	09 44 29.8	-1.2	NNA	Nana comp=Z,110nm,20.3s,baz=338,slow=31	31.77	146	LR	LR	09 55 21.9	
SDD	Santo Domingo 185nm,1.2s	23.72	78	eP	P	09 44 12.0	+6.9	M35A	Neola baz=187	26.60	358	P	P	09 44 30.1	-1.1	E40A	Wakefield baz=188	31.78	6	P	P	09 45 15.9	-1.3
R43A	Red Bud baz=191,SNR=6.4	23.72	9	P	P	09 44 02.8	-2.1	PV05	Paradox Valley Post Highland 26.61 333 eP	26.64	5	P	P	09 44 34.0	+2.4	REDW	Red Top Meadow 11nm,1.0s	31.78	337	eP	P	09 45 19.0	+1.5
TZTN	Tazewell baz=207	23.72	22	P	P	09 44 02.7	-2.3	M40A	Paradox Valley Post Highland 26.64 5 P	26.64	5	P	P	09 44 29.4	-2.1	E38A	The Farm, Brul baz=185	31.80	4	P	P	09 45 16.2	-1.2
TZTN	Tazewell 19nm,1.1s	23.72	22	eP	P	09 44 03.0	-2.0	N45A	Kentland baz=195	26.64	12	P	P	09 44 29.4	-2.1	SNOW	Snow King Moun 15nm,0.9s	31.83	337	eP	P	09 45 19.0	+1.0
R44A	Waltonville baz=183,SNR=7.0	23.83	10	P	P	09 44 03.5	-2.5	M39A	Webster baz=185,SNR=9.8	26.66	4	P	P	09 44 29.8	-1.9	TPAW	Teton Pass 10nm,1.0s	31.93	337	eP	P	09 45 20.4	+1.6
S48A	Wiedeman Farm, baz=200	23.94	16	P	P	09 44 05.0	-2.1	M34A	Aspy Farms, Fr baz=175	26.68	356	P	P	09 44 31.3	-0.7	MOOW	Moose Ponds 4.5nm,0.9s	32.07	337	eP	P	09 45 21.5	+1.4
SDV	Santo Domingo comp=Z,249nm,19.4s	23.96 102 LR				09 55 13.1		M41A	Milan baz=188,SNR=6.4	26.70	6	P	P	09 44 31.9	-2.3	FXWY	Fox Creek 16nm,1.8s	32.08	337	eP	P	09 45 21.7	+1.5
T25A	Trinidad baz=156,SNR=13	23.98 340 P				09 44 07.8	+0.1	SMCO	Snowmass 9.7nm,1.4s	26.70	338	eP	P	09 44 34.5	+1.9	D35A	Remer baz=181,SNR=9.3	32.19	0	P	P	09 45 18.8	-2.0
Q37A	Longview Farm, baz=180	23.99 360 P				09 44 05.8	-1.7	BC3	Big Chuckawall baz=130	26.78	318	P	P	09 44 35.6	+2.6	IMW	Indian Meadow 18nm,1.8s	32.27	337	eP	P	09 45 23.6	+1.7
Q35A	Mercer Eighty, baz=176,SNR=7.3	24.02 357 P				09 44 06.4	-1.4	PV04	Paradox Valley 26.79 334 eP	26.79	341	P	P	09 44 34.9	+1.8	D33A	AnnSam, Waubun baz=178	32.27	358	P	P	09 45 20.1	-1.4
R45A	Skyler, Fairri baz=195,SNR=8.5	24.02 12 P				09 44 05.5	-2.3	ISCO	Idaho Springs 26.79 341 eP	26.79	341	eP	P	09 44 33.3	0.0	D36A	Goodland baz=182	32.30	2	P	P	09 45 20.2	-1.6
Q38A	Cook's Store, C baz=182,SNR=12	24.09 1 P				09 44 06.8	-1.6	ISCO	Idaho Springs 9.4nm,1.2s	26.79	341	eP	P	09 44 34.2	+0.9	D37A	Cotton baz=184,SNR=9.2	32.31	2	P	P	09 45 20.1	-1.8
Q36A	Arnold C. Orve baz=178	24.10 358 P				09 44 06.7	-1.8	PV10	Paradox Valley Sheffield 26.83 334 eP	26.87	8	P	P	09 44 34.6	+1.0	RLMT	Red Lodge baz=183	32.76	340	P	P	09 45 26.8	+0.8
Q34A	Chapman baz=174	24.14 355 P				09 44 07.0	-2.0	M42A	Sheffield 26.87 8 P	26.87	8	P	P	09 44 32.3	-1.3	RLMT	Red Lodge baz=183	32.76	340	eP	P	09 45 26.3	+0.3
X18A	Snowflake 14nm,1.0s	24.16 327 eP				09 44 12.6	+3.2	OGNE	Ogallala baz=164	26.90	347	P	P	09 44 32.9	-1.1	C35A	Jirik Farms, M baz=181,SNR=9.4	32.81	0	P	P	09 45 24.4	-1.8
Q40A	Laux Farm, Aux baz=186	24.20 4 P				09 44 07.2	-2.2	IRM	Iron Mountain 26.90 319 P	26.90	319	P	P	09 44 36.3	+2.2	C36A	Pine Crest Far baz=183	32.90	2	P	P	09 45 26.0	-1.0
Q41A	Truxton baz=188,SNR=9.7	24.23 6 P				09 44 07.4	-2.3	M43A	Waltham Townsh baz=192	26.96	9	P	P	09 44 33.1	-1.3	C31A	Landman Farms, baz=174	33.02	356	P	P	09 45 27.2	-0.8
Q42A	Golden Eagle baz=189	24.27 7 P				09 44 08.2	-1.9	PV09	Paradox Valley State Center 26.97 334 eP	27.04	2	P	P	09 44 33.2	-1.7	EYMN	Ely baz=185	33.15	4	P	P	09 45 28.0	-1.2
KSU1	Kansas State U baz=175	24.30 356 P				09 44 08.6	-1.7	SCIA	State Center baz=183,SNR=10	27.04	2	eP	P	09 44 33.3	-1.9	LAO	LASA Array baz=159	33.31	345	P	P	09 45 29.9	-0.8
KSU1	Kansas State U 13nm,0.7s	24.30 356 eP				09 44 08.2	-2.1	L36A	Harm Buss Farm baz=180,SNR=12	27.21	360	P	P	09 44 35.1	-1.6	HLID	Hailey baz=143	33.41	333	P	P	09 45 32.9	+1.2
CBKS	Cedar Bluff baz=168	24.39 350 P				09 44 11.0	-0.3	L37A	Phoenix Point, baz=181,SNR=5.0	27.24	1	P	P	09 44 35.8	-1.4	HLID	Hailey baz=143	33.41	333	eP	P	09 45 33.5	+1.8
CBKS	Cedar Bluff 55nm,1.0s	24.39 350 eP				09 44 11.8	+0.5	L35A	Biew Farm, R baz=178	27.24	358	P	P	09 44 35.8	-1.2	AGMN	Agassiz Nation 9.0nm,0.7s	33.43	358	P	P	09 45 30.2	-1.4
Q43A	New Douglas baz=191,SNR=8.6	24.41 9 P				09 44 08.7	-2.7	SJG	San Juan 27.26 79 LR	27.26	79	LR	LR	09 55 23.4		B35A	Bob, Littlefor baz=181	33.48	1	P	P	09 45 30.4	-1.7
WCI	Wyandotte Cave baz=199	24.42 16 P				09 44 08.7	-2.7	L38A	Oak Wood Farm, baz=183,SNR=6.6	27.28	2	P	P	09 44 35.5	-1.9	GCMT	Greycliff 33.48 340 eP	33.55	357	P	P	09 45 32.8	+0.6
WCI	Wyandotte Cave 12nm,0.9s	24.42 16 eP				09 44 09.5	-1.9	L32A	Elgin baz=172	27.30	354	P	P	09 44 35.6	-1.9	B32A	Ashes, Strandq baz=176,SNR=7.8	33.55	357	P	P	09 45 31.5	-1.2
R47A	Wooly Knot Far baz=199	24.42 15 P				09 44 09.0	-2.5	L40A	Anamosa baz=187,SNR=6.8	27.31	5	P	P	09 44 35.5	-2.1	B34A	Aery, Baudette baz=176	33.60	360	P	P	09 45 32.1	-1.0
Q44A	Meyer Farm, Va baz=193	24.48 10 P				09 44 10.2	-1.8	L41A	Preston baz=188	27.39	6	P	P	09 44 36.5	-1.8	B31A	Greenbush Farm baz=174	33.65	356	P	P	09 45 32.9	-0.5
W18A	Petrified Fore 2.5nm,0.5s	24.50 328 eP				09 44 15.7	+3.2	L42A	Oliver, Polo baz=190	27.42	8	P	P	09 44 36.2	-2.3	MCMT	McKenzie Canyo 33.79 336 eP	34.06	359	P	P	09 45 37.8	+2.6
Q45A	Warren Harvey, baz=195	24.53 12 P				09 44 11.2	-2.1	K36A	Gilmore City baz=180	27.75	360	P	P	09 44 39.2	-2.4	A33A	Warrod baz=178	34.06	359	P	P	09 45 36.4	-0.7
P39B	Sallsbury baz=184,SNR=10	24.64 3 P				09 44 11.8	-1.7	K38A	Parkersburg baz=184	27.79	3	P	P	09 44 39.5	-2.5	A32A	Rocking H Ranc baz=176	34.08	358	P	P	09 45 36.3	-0.9
P35A	Duane Minner, baz=176	24.69 357 P				09 44 12.3	-1.6	K34A	Le Mars baz=177	27.84	357	P	P	09 44 40.5	-1.								

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MA2 Magadan, SONM Sogino Array, H11N2 WAKE ISLAND Hy 29.75 136 T, etc.

ISCJBJ 08 10:06:24.6:1.1, 43:73S:0:04:173:02E:0:05, h2km, 8km, mb3.9/2, MS4.21, Error ellipse: s-maj=9.1km s-min=3.2km az=138.0

IDC 08 10:06:26.4:1.8, 43:57S:172:83E, h0km, m3=9.2, mb1 4.1/3, mb1mx3.8/37, mbtmp3.9/3, ML3.5/1, MS3.6/2, Ms1 3.6/2, ms1mx2.9/31, Error ellipse: s-maj=51.9km s-min=16.9km az=165.0

WEL 08 10:06:27.8, 43:65S:0:8:172:8E:1.0, h7km, 11km, ML4.3/1 NEIC 08 10:06:27.7:0.0, 43:65S:172:86E, h9km, ML4.3(WEL)

After WEL, NEIC Fall in Christchurch, ISC 08 10:06:28.8:0.4, 43:86S:0:05:172:93E:0:05, h10km, 8km, n165, 0:098/165, South Island

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NMZ Mangatoinoka R, MRZ Mangatoinoka R, TIWZ Tintock, etc.

IDC 08 10:30:37.1:0.9, 26:33N:143:90E, h0km, m3.7/9, mb1 3.9/10, mb1mx3.7/58, mbtmp3.7/10, ML3.7/1, Error ellipse: s-maj=24.7km s-min=20.6km az=71.0

ISCJBJ 08 10:30:39.0:7.26, 4N:0:1:143:92E:0:07, h31km, mb3.7/9, Error ellipse: s-maj=16.7km s-min=7.5km az=17.6

JMA 08 10:30:39.2:0.2, 26:87N:143:85E, h0km, M4.0, ISC 08 10:30:42.0:0.9, 26:4N:0:1:143:85E:0:08, h31km, n19, f1011/16, mb3.6/9, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JMHU Haha-jima-NKT, JHHU Haha-jima, JHJH Chichi jima, etc.

MAN 08 10:35:44, 10:20N, 123:21E, h25km, mb4.1, ML2.9, MS2.6, 1C, Cebu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GUIM Jordan, GUIM Sibulan, MSLP Maasin, etc.

MAN 08 10:38:22.9:92N:123:24E, h1km, mb4.3, ML3.1, MS2.9, 2C-2D, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SNPH Sibulan, SNPH Lapu-Lapu, GUIM Jordan, etc.

ISCJBJ 08 10:39:16.6:0.9, 31:43S:0:04:68:61W:0:07, h108km, 7km, Error ellipse: s-maj=9.3km s-min=5.8km az=171.8

GUC 08 10:39:16.5:0.4, 31:47S:68:99W, h163km, 48km, ML3.1 SJA 08 10:39:17.6:0.5, 31:48S:68:63W, h93km, 3km, ML2.9, MW3.2

ISC 08 10:39:17.4:1.7, 31:44S:0:04:68:63W:0:07, h103km, 11km, n13, 0:0949/23, 1D, San Juan Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RTLL Cerro Villucun, AMOG Mogna, AMOG Leoncito, etc.

MAN 08 10:40:57, 10:13N:123:18E, h31km, mb3.9, ML2.6, MS2.2, 1D, Cebu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GUIM Jordan, GUIM Sibulan, SNPH Lapu-Lapu, etc.

MAN 08 10:48:23, 9:98N:123:22E, h4km, mb4.2, ML3.0, MS2.6, 2C-1D, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SNPH Sibulan, SNPH Lapu-Lapu, GUIM Jordan, etc.

IDC 08 10:52:57.5:5.9, 21:23S:169:98E, h141km, 34km, mb3.4/4, mb1 3.4/5, mb1mx3.2/46, mbtmp3.7/5, Error ellipse: s-maj=94.1km s-min=45.4km az=150.0, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DZM Mt Dzumac, DZM Stephens Creek, WRA Warramunga Arr, etc.

ISCJBJ 08 10:53:17.2:1.0, 8:05S:0:1:119:7E:0:1, h179km, 10km, mb3.6/5, Error ellipse: s-maj=26.1km s-min=6.7km az=39.9

DJA 08 10:53:21.5:1.0, 8:7S:7:12:0E, s, h168km, 7km, M3.7/6, MLV3.7/6

IDC 08 10:53:22.7:2.5, 8:02S:119:96E, h221km, 21km, mb3.1/6, mb1 3.2/8, mb1mx3.0/59, mbtmp3.7/8, Error ellipse: s-maj=82.0km s-min=9.5km az=53.0

ISC 08 10:53:18.6:1.1, 8:15S:0:1:119:7E:0:08, h182km, 11km, n16, f164/25, mb3.5/5, Flores region

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

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, ID, Time, Residual. Includes stations like WARRAMUNGA ARR, ALICE SPRINGS, ASAR, etc.

MOS 08 10:54:40.1±1.0, 0.69N, 79.43W, h56km, mb5.8/75, MS4.2/5, Error ellipse: s-maj=7.7km s-min=-4.2km az=103.0

IDC 08 10:54:41.7±0.4, 0.66N, 79.32W, h63km, 2km, mb5.0/39, mb1.5/45, mb1mx5.0/56, mbtmp5.3/45, MS4.1/33, MS1.4/133, ms1mx4.0/44, Error ellipse: s-maj=11.6km s-min=-8.2km az=54.0

IGQ 08 10:54:41.9±0.7, 1.1N, 3.79W, h5km, 0.2km, HLW5.8, ISCJB 08 10:54:41.6±0.2, 0.79N, 0.02E, 79.31W, 0.2km, mb5.5/374, Error ellipse: s-maj=3.3km s-min=-2.4km az=156.4

GCMT 08 10:54:42.3±0.2, 0.47N, 79.39W, h56km, 1km, MW5.2/112, Moment Tensor Solution, s89, c126, s112, c195; Duration: 1s0 Moment tensor: Scale 10^18Nm; Mn:4.41±.19; M1:1.64±.14; M2:1.33±.21; M3:1.4±.14; M4:2.15±.13; M5:1.64±.14; Best double couple: Mb:8.47300x10^16 NP1:0.81, 0.00000, 0.72, 0.00000, 1.68, 0.00000, NP2:0.314, 0.00000, 0.28, 0.00000, 1.139, 0.00000

Principal axes: T: 8.1560, P1g57.0000, Azm322.0000; N: 0.6340, P1g21.0000, Azm88.0000; P: -8.7900, P1g24.0000, Azm188.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface/mantle waves, cutoff=50s

NEIC 08 10:54:42.3±0.1, 0.66N, 79.26W, mb5.6/300, ML5.6(GQ), Error ellipse: s-maj=3.4km s-min=2.5km az=52.0

NEIC Felt [V] at Ibarra, Quito and Santo Domingo; [II] at Cotacachi and Otavalo; [II] at Bahía de Caraquez. Also felt at Cuenca, Esmeraldas, Manta, Muisne, San Lorenzo and Tosagua.

ISC 08 10:54:42.0±0.3, 0.66N, 0.03E, 79.30W, 0.04, h65km, 2km, h65km; pP-P, N1371, 123/1504, mb5.6/401, 21-C23D,

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, ID, Time, Residual. Lists numerous stations like MAGI, ASDO, LITE1, etc.

Continuation of station list table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, ID, Time, Residual. Lists stations like SDV, HOJ, STW, etc.

Continuation of station list table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, ID, Time, Residual. Lists stations like 543A, 348A, JACKSON, etc.

8d 10h

Table with columns for ID, Name, Address, City, State, Zip, and various numerical values. Includes entries like O42A Bath, R35A Emporia Municipality, N46A Monticello, etc.

2012 FEB

Table with columns for ID, Name, Address, City, State, Zip, and various numerical values. Includes entries like N36A Muff Farm, L41A Preston, M38A Pleasantville, etc.

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Table with columns for ID, Name, Address, City, State, Zip, and various numerical values. Includes entries like L33A Hoskins, 214A Organ Pipe Nat, 214A Organ Pipe Nat, etc.

baz=162									
I31A	Royce, Wessing	46.45 341	P	P	11 03 01.1	-1.3			
H33A	Prehn Over Nor	46.48 343	P	P	11 03 01.3	-1.4			
H32A	Carlson Farm,	46.53 342	P	P	11 03 01.8	-1.2			
E40A	Wakefield	46.53 350	P	P	11 03 02.0	-1.0			
PV09	Paradox Valley	46.55 327	eP	P	11 03 04.4	+0.8			
E39A	Mellon	46.59 349	P	P	11 03 02.3	-1.2			
Y12C	Blythe	46.61 319	P	P	11 03 04.9	+1.1			
G34A	Benson	46.68 344	P	P	11 03 02.2	-2.0			
PDMC1	Parker Dam,Lak	46.70 319	P	P	11 03 05.5	+0.9			
F36A	Milaca	46.72 346	P	P	11 03 02.6	-2.0			
N23A	Red Feather La	46.76 332	P	P	11 03 06.3	+1.0			
LMN	Caledonia Moun	46.77 14	eP	P	11 03 05.9	+0.9			
H31A	Wolsey	46.84 341	P	P	11 03 04.2	-1.2			
G33A	Ortonville	46.86 343	P	P	11 03 03.9	-1.7			
PHWY	Pilot Hill	46.86 333	eP	P	11 03 06.9	+0.8			
PQI	Presque Isle	46.87 11	eP	P	11 03 06.8	+1.2			
U15A	North Rim	46.91 323	eP	P	11 03 08.0	+1.5			
D41A	Chassel	46.91 351	P	P	11 03 05.3	-0.6			
SUSD	Miller	46.96 341	P	P	11 03 05.3	-1.1			
F35A	Swanville	46.97 345	P	P	11 03 04.8	-1.7			
SWSC	Sam W. Stewart	46.99 317	P	P	11 03 07.9	+1.1			
E38A	The Farm, Brul	47.00 348	P	P	11 03 05.1	-1.6			
W13A	Hualapai Mount	47.03 320	eP	P	11 03 09.0	+1.6			
IKP	In-Ko-Pah, Jac	47.04 316	P	P	11 03 08.4	+1.1			
F34A	Alexandria	47.09 345	P	P	11 03 05.7	-1.7			
E37A	Wrenshall	47.13 348	P	P	11 03 06.3	-1.4			
BC3	Big Chuckwall	47.17 318	P	P	11 03 09.3	+0.9			
G32A	Webster	47.23 343	P	P	11 03 07.2	-1.3			
IRM	Iron Mountain	47.27 319	P	P	11 03 10.0	+0.9			
E36A	McGregor	47.28 347	P	P	11 03 07.3	-1.6			
O20A	White River Ci	47.29 330	P	P	11 03 10.4	+1.0			
O20A	White River Ci	47.29 330	eP	P	11 03 10.3	+1.0			
O20A	Needles Airpor	47.30 320	P	P	11 04 39.5	0.0	eP	P	P
NEE2	Needles Airpor	47.30 320	P	P	11 03 10.2	+1.0			
MONP	2 Monument Peak	47.39 316	P	P	11 03 10.9	+0.7			
F33A	5 Mile Ranch,	47.41 344	P	P	11 03 08.0	-1.9			
G31A	Conde	47.42 342	P	P	11 03 08.4	-1.5			
BAR	Barrett	47.44 316	eP	P	11 03 11.4	+0.0			
MMU	Miners Mountai	47.53 326	eP	P	11 03 12.3	+1.0			
E35A	Pequot Lakes	47.59 346	P	P	11 03 09.6	-1.7			
PKCU	Pink Cliffs	47.60 324	eP	P	11 03 13.5	+1.6			
F32A	Veblen	47.68 343	P	P	11 03 10.3	-1.7			
D37A	Cotton	47.70 348	P	P	11 03 10.9	-1.3			
E34A	Wadena	47.73 345	P	P	11 03 10.9	-1.5			
SRU	San Rafael Swe	47.74 327	eP	P	11 03 13.6	+0.8			
SRU	San Rafael Swe	47.74 327	eP	P	11 03 13.6	+0.8			
BELC	Belle Mtn. Jos	47.74 318	P	P	11 03 13.8	+0.9			
LDFC	Landfair	47.81 320	eP	P	11 03 15.3	+2.0			
XPFO	Placid Flat	47.83 317	eP	P	11 03 13.9	+0.4			
PFO	Pinyon Flats O	47.83 317	P	P	11 03 14.5	+0.9			
PFO	Pinyon Flats O	47.83 317	eP	P	11 03 13.9	+0.4			
PFO	Pinyon Flats O	47.83 317	eP	P	11 03 13.9	+0.4			
PFO	Pinyon Flats O	47.83 317	eP	P	11 03 13.9	+0.4			
PFO	Pinyon Flats O	47.83 317	eP	P	11 03 13.9	+0.4			
C40A	Isle Royale Na	47.84 351	P	P	11 03 12.4	-0.8			
109C	Camp Elliot, M	47.86 316	P	P	11 03 14.6	+0.9			
LCMT	Little Creek M	47.87 323	eP	P	11 03 15.0	+1.2			
D36A	Goodland	47.88 347	P	P	11 03 11.8	-1.8			
C39A	Grand Marais	47.90 350	P	P	11 03 12.2	-1.4			
MTPU	Mount Pierson	47.93 325	eP	P	11 03 15.5	+1.0			
E33A	Westby DABS, E	47.94 344	P	P	11 03 12.0	-2.0			
O16A	Castle Valley	47.96 326	eP	P	11 03 15.5	+1.0			
RWWY	Rawlins	47.98 332	eP	P	11 03 15.8	+1.1			
GMRC	Granite Mounta	47.99 319	P	P	11 03 15.7	+1.0			
D35A	Remer	47.99 346	P	P	11 03 12.4	-2.0			
F31A	Hecla	48.00 342	P	P	11 03 12.9	-1.6			
C38A	Sawbill Land.	48.01 349	P	P	11 03 12.6	-2.0			
CHRN	Cochrane	48.08 174	eP	P	11 03 16.3	+1.3			
SZCU	Shurtz Canyon	48.16 324	eP	P	11 03 17.3	+1.2			
C37A	Embarrass	48.20 348	P	P	11 03 14.6	-1.3			
MSU	Marysvale	48.25 325	eP	P	11 03 17.9	+1.1			
MSU	Marysvale	48.25 325	eP	P	11 03 17.9	+1.1			
EYMN	Ely	48.27 349	eP	P	11 03 14.9	-1.7			
EYMN	Ely	48.27 349	eP	P	11 03 15.0	-1.6			
D34A	Park Rapids	48.27 345	P	P	11 03 14.7	-1.9			
CCUT	Cedar City	48.29 323	eP	P	11 03 18.8	+1.6			
E32A	Braaten, Kindr	48.32 344	P	P	11 03 15.3	-1.6			
MURC	Murieta	48.33 317	P	P	11 03 18.3	+1.1			
C36A	Pine Crest Far	48.36 348	P	P	11 03 16.1	-1.1			
SGU	Sterling	48.41 326	eP	P	11 03 19.5	+1.4			
K22A	Casper	48.41 333	P	P	11 03 18.6	+0.7			
K22A	Casper	48.41 333	eP	P	11 03 18.1	+0.2			
K22A	Hector,Ludlow	48.46 319	eP	P	11 04 43.1	-0.4	P	P	P
HEC	Hector,Ludlow	48.46 319	eP	P	11 03 19.6	+1.3			
D33A	AnnSam, Waubun	48.49 345	P	P	11 03 16.7	-1.5			
BBRC	Big Bear Solar	48.52 318	P	P	11 03 20.3	+1.3			
E31A	Nome	48.52 343	P	P	11 03 17.1	-1.4			
baz=155	Black Hills	48.54 336	P	P	11 03 20.1	+1.1			

RSSD	Black Hills	48.54 336	eP	P	11 03 20.1	+1.1			
RSSD	Black Hills	48.54 336	eP	P	11 03 20.1	+1.1			
RSSD	Black Hills	48.54 336	eP	P	11 03 20.1	+1.1			
RSSD	Black Hills	48.54 336	eP	P	11 03 20.1	+1.1			
C35A	Jirik Farms, M	48.55 347	P	P	11 03 17.0	-1.7			
SHPR	Sheep Range	48.72 321	eP	P	11 03 19.6	-0.8			
C34A	RKJ Ranch, Bem	48.73 346	P	P	11 03 18.3	-1.8			
D32A	Dogwood Acres,	48.80 344	P	P	11 03 18.8	-1.8			
D31A	McClaffin, Tow	48.92 343	P	P	11 03 20.1	-1.4			
SCI2	San Clemente I	48.92 315	P	P	11 03 22.7	+0.9			
RRX	Edison Barstow	48.92 318	P	P	11 03 23.0	+1.2			
MPU	Maple Canyon	48.99 327	eP	P	11 03 23.2	+0.8			
BFSC	Mount Baldy Ra	49.01 317	P	P	11 03 23.4	+0.9			
C33A	Trail	49.04 345	P	P	11 03 20.4	-2.0			
GSC	Goldstone, Bar	49.05 319	P	P	11 03 24.0	+1.2			
GSC	Goldstone, Bar	49.05 319	eP	P	11 03 24.0	+1.2			
GSC	Goldstone, Bar	49.05 319	eP	P	11 03 24.0	+1.2			
GSC	Goldstone, Bar	49.05 319	eP	P	11 03 24.0	+1.2			
GSC	Goldstone, Bar	49.05 319	eP	P	11 03 24.0	+1.2			
SHOC	Shoshone, Teco	49.06 320	P	P	11 03 23.8	+1.0			
CIS	Catalina Hill	49.06 316	P	P	11 03 23.9	+1.1			
B35A	Bob, Lislefor	49.12 347	P	P	11 03 21.4	-1.6			
FMP	Fort Macarthur	49.15 316	P	P	11 03 24.6	+1.1			
NLU	North Lily Min	49.19 327	eP	P	11 03 24.8	+0.9			
PSUT	Pine Spring	49.23 324	eP	P	11 03 25.6	+1.2			
MWC	Mount Wilson	49.27 317	eP	P	11 03 26.1	+1.5			
MWC	Mount Wilson	49.27 317	eP	P	11 03 26.1	+1.5			
MWC	Mount Wilson	49.27 317	eP	P	11 03 26.1	+1.5			
C32A	Crookston	49.30 345	P	P	11 03 23.0	-1.4			
JLU	Jordanelle	49.30 328	eP	P	11 03 25.8	+0.9			
PASC	Pasadena Art C	49.33 317	eP	P	11 03 26.0	+1.1			
B34A	Aery, Baudette	49.45 347	P	P	11 03 24.2	-1.3			
B33A	Robert and Kas	49.48 346	P	P	11 03 23.3	-1.4			
DECC	Green Verdugo	49.48 317	P	P	11 03 26.9	+0.9			
CTU	Camp Tracy	49.53 328	eP	P	11 03 27.3	+0.8			
AGMN	Agassiz Nation	49.57 346	P	P	11 03 25.1	-1.3			
AGMN	Agassiz Nation	49.57 346	eP	P	11 03 25.0	-1.4			
AGMN	Agassiz Nation	49.57 346	eP	P	11 03 25.0	-1.4			
C31A	Landman Farms,	49.60 344	P	P	11 03 25.5	-1.2			
TCUT	Toone Canyon	49.65 328	eP	P	11 03 28.4	+0.9			
TPNV	Topopah Spring	49.68 321	P	P	11 03 29.1	+1.4			
TPNV	Topopah Spring	49.68 321	eP	P	11 03 29.2	+1.4			
TPNV	Topopah Spring	49.68 321	eP	P	11 03 29.2	+1.4			
TPNV	Topopah Spring	49.68 321	eP	P	11 03 29.2	+1.4			

8d 10h

Table with columns: Call Sign, Frequency, Mode, Power, Date/Time, and other details. Includes stations like BMO, WDC, JTMT, etc.

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Table with columns: Call Sign, Frequency, Mode, Power, Date/Time, and other details. Includes stations like PMOR, DLBC, ILULI, etc.

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Table with columns: Call Sign, Frequency, Mode, Power, Date/Time, and other details. Includes stations like PAX, SCO, ILAR, etc.

Table with columns: WLF, Wafderange, 86.54, 40, eP, P, 11 07 19.2 +1.1, etc. Lists various stations and their parameters.

Table with columns: STHS, comp=Z, 11nm, 1.0s, 96.36, 40, eP, P, 11 08 06.3 +2.5, etc. Lists various stations and their parameters.

Table with columns: SFK, comp=Z, 17nm, 1.0s, 134.05, 27, PKP, PKPdf, 11 13 53.6 +0.9, etc. Lists various stations and their parameters.

MAN 08 11:03:01,9.98N*123:21E,h6km,mb4.6,ML3.5,MS3.3, 2C-3D, Negros

Code Station Name A° AZ° Phase ID Time Res h m s ISC

8nd 11h

Table with columns: SNPH, SIBULAN, TAGBILARAN, LAPU-LAPU, JORDAN, DIPOLOG CITY, SAN JOSE, ANTI, MOXAS, ORMOG, MUSUAN. Includes station names, frequencies, and coordinates.

CSEM 08 11:05:23.0, 7.0, 2.62, 24N, 17.49E, h2km, ML1.6, Error ellipse: s-maj=5.6km s-min=3.5km az=130.0, Mining explosion.

UPP 08 11:05:24.0, 6.2, 27N, 17.36E, h0km, ML1.5, Mining explosion.

HEL 08 11:05:24.9, 0.1, 62, 25N, 17.36E, h0km, ML1.6, ML1.5(UPP), Explosion, Sweden

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Hassela, Hemsoen, Hudiksvall, etc.

ISCJB 08 11:21:09.1, 0.3, 51.50N, 0.02, 16.22E, 0.02, h0km, mb3.1/2, Error ellipse: s-maj=2.5km s-min=2.1km az=21.1

CSEM 08 11:21:11.6, 0.2, 51.46N, 16.18E, h2km, ML3.6/15, Error ellipse: s-maj=3.0km s-min=2.8km az=50.0

IDC 08 11:21:12.3, 0.6, 51.45N, 16.07E, h0km, mb3.2/2, mb1.3, 3.9, mb1mx3.2/63, mb1mp3.2/9, ML3.2/7, Error ellipse: s-maj=10.3km s-min=5.7km az=104.0

BGR 08 11:21:13.0, 0.4, 51.43N, 16.19E, h1km, ML3.3/16, Error ellipse: s-maj=5.6km s-min=2.2km az=16.0

VIE 08 11:21:14.6, 0.9, 51.25N, 16.09E, h0km, mb2.7/8, ML2.8/14, Error ellipse: s-maj=7.5km s-min=5.1km az=28.0, Suspected Mining induced.

UPP 08 11:21:15.4, 51.65N, 15.53E, h0km, ML2.1, Suspected Mining explosion.

WAR 08 11:21:17.2, 51.02N, 15.79E, h1km, Mw2.8

ISC 08 11:21:10.6, 0.6, 51.51N, 0.03, 16.20E, 0.02, h0km, m109, r140/187, 1D, Poland

Main station list table for Poland section with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like KSP, DPC, BRG, etc.

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Main station list table for 2012 FEB section with columns: CLL, COLL, OSTRAVA-KRASNE, OJOW, NOBY KOSTEL, etc. Includes station names, frequencies, and coordinates.

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Table with columns: FABU, FALLENBERG, GNOUJ, DAVOS/DISCHMAT, DAVOX, LNKU, SLIT, AKASO, AKASG, MTSE, HFS, HFS, NOA, RAF, FINES, FINES, EKA, ARCES, TORD, YKA. Includes station names, frequencies, and coordinates.

MAN 08 11:22:00, 9.95N, 123.05E, h52km, mb4.0, ML2.7, MS2.3, 1C, Negros

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like SNPH, SIBULAN, SNPH, GUIM, GUIM, MSLP, MSLP.

MAN 08 11:32:12, 9.86N, 122.96E, h20km, mb3.5, ML2.2, MS1.6, 2C, Negros

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like SNPH, SIBULAN, SNPH, GUIM, GUIM, MSLP, MSLP.

MAN 08 11:35:41, 9.79N, 123.25E, h31km, mb3.9, ML2.7, MS2.3, 1C, Negros

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like SNPH, SIBULAN, SNPH, LLL, GUIM, GUIM, MSLP, MSLP.

NNC 08 11:36:00, 5.3, 2.5, 41.2N, 86.87E, h0km, mb3.7, mpv3.3, Error ellipse: s-maj=24.6km s-min=2.3km az=160.0

IDC 08 11:35:56, 3.2, 6.4, 40N, 87.00E, h0km, mb1.2, 2.9, M51.2, 6.2, ms1mx2.7/7, mb1mp3.2/9, ML2.6/2, 3C, 5D, Error ellipse: s-maj=23.1km s-min=16.8km az=59.0, Southwestern Siberia

Main station list table for NNC and IDC sections with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like I46RU, ZALV, ZALV, KURK, KURK, KURB, KURB, KURB, KURB, MK31, MK31, MKAR, MKAR, MKAR.

NIED 08 11:36:00, 36.70N, 141.00E, h47km, Mw3.8 Best double couple: M6.370000, 1014 NP1=247.00000, 827.00000, 120.00000, NP2=35.00000, 867.00000, 0.76.00000

ISCJB 08 11:36:36, 3.0, 8.36, 64N, 0.04, 14.125E, 0.07, h45km, 6km, mb3.8/15, Error ellipse: s-maj=9.9km s-min=5.7km az=12.2

JMA 08 11:36:38, 8.0, 1.36, 65N, 141.03E, h47km, 1km, M3.9, JMA Fell III J

IDC 08 11:36:38, 9.0, 8.36, 64N, 141.21E, h52km, 7km, mb3.6/15, mb1.3, 8/19, mb1mx3.6/74, mb1mp3.9/19, MS2.6/2, M51.2, 6.2, ms1mx2.7/7, Error ellipse: s-maj=10.2km s-min=8.9km az=134.0

ISC 08 11:36:38, 3.0, 7.36, 65N, 141.19E, 0.07, h46km, 6km, n32, r154/37, mb3.9/15, Near east coast of eastern Honshu

Main station list table for NIED, JMA, IDC, and ISC sections with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like JHO, JHO, ONAJ, ONAJ, JYT, JYT, JFT, JFT.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Marumori, Matsushiro Arr, MJAR, etc.

NIED 08 11:38:00, 37.70N, 141.90E, h56km, Mw3.8 Best double couple: Ms5.28000x1014 NP1.5z275.00000, b62.00000, 1.712.00000, NP2.0z9.00000, b83.00000, 1.28.00000...

JMA Felt 1 J1. ISC 08 11:38:38.4, 1.8, 37.71N, 141.95E, h5km, 1.0km, n27, o97/34, mb3.5/6, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Ouri, Kawauchi, Marumori, etc.

MAN 08 11:39:59, 9.88N, 122.91E, h18km, mb4.2, ML3.0, MS2.7, 2C-1D, Negros

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SNPH, GUM, DCPH, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like IDC, DZM, STKA, WRA, ASAR, etc.

IDC 08 11:48:39.2, 5.5, 30.81S, 179.53W, h0km, mb3.4/2, mb1 3.6/2, mb1mx3.3/4.1, mbtmp3.4/2, Error ellipse: s-maj=21.1km s-min=5.9km az=156.0...

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like GLKZ, RAO, WNGZ, etc.

NEIC 08 11:51:36.2, 0.4, 43.62S, 172.79E, h9km, ML4.2(WEL), After WEL, NEIC Felt at Christchurch, WEL 08 11:51:35.3, 43.65S, 172.8E, h7km, 1km, ML4.5/1, South Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MOZ, MCQueen's Vall, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like TMWZ, MRZ, MSZ, etc.

JMA 08 11:51:57.9, 37.00N, 140.51E, h6km, 1km, M2.6, Eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ONAJ, JHO, JKA, etc.

ISCJB 08 11:52:56.8, 1.0, 63.50N, 150.08, 23.86W, 0.09, h7km, 5km, mb3.5/8, MS3.8/3, Error ellipse: s-maj=13.9km s-min=4.9km az=156.9

REY 08 11:52:57.9, 63.54N, 24.00W, h10km, IDC 08 11:52:58.4, 1.0, 63.67N, 24.05W, h0km, mb3.5/9, mb1 3.7/9, mb1mx3.4/7.0, mbtmp3.5/9, MS3.7/4, Ms1 3.7/4, ms1mx3.1/6.7, Error ellipse: s-maj=27.8km s-min=11.9km az=150.0

ISC 08 11:52:58.8, 1.8, 63.57N, 150.09, 23.76W, 0.06, h9km, 10km, n29, o196/39, mb3.6/8, MS3.6/3, Iceland region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like IRNE, INYL, INVL, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like MKAR Makanchi Array, KAIMANA, MAKZ, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like KSH, PMG, AAK, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like ILAR, ILB, PLAI, etc.

8d 12h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like NEW Newport, J04D Umpqua Nationa, E09A Wood Farm, etc.

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

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like BORG, PLOR Plostina, QLMT Earthquake Lak, etc.

MOTA	Moosalm	82.91	327	eP	P	12 14 02.3 +0.2
G31A	Conde	82.95	36	P	P	12 14 02.4 +0.3
RETA	Reutte	82.95	327	eP	P	12 14 02.5 +0.3
C35A	Jirik Farms, M	82.96	33	P	P	12 14 01.8 -0.3
F32A	Veblen	82.97	35	P	P	12 14 02.0 -0.2
KARP	Karpathos	82.99	310	eP	P	12 12 02.1 -0.4
E33A	Westby DABS, E	83.00	34	P	P	12 14 02.3 0.0
ISCO	Idaho Springs	83.09	44	P	P	12 14 04.7 +1.3
ISCO	Idaho Springs	83.09	44	eP	pmax	12 14 04.3 +1.0
ISCO	Idaho Springs	83.09	44	eP	P	12 14 04.3 +1.0
WLF	Waldendange	83.11	331	eP	pmax	12 14 03.0 +0.2
WLF	Waldendange	83.11	331	eP	pmax	12 14 03.0 +0.2
WLF	Waldendange	83.11	331	eP	pmax	12 14 03.0 +0.2
HIZ	Hautli	83.15	152	eP	P	12 14 05.6 +2.6
CWF	Charnwood Fore	83.16	337	eP	P	12 12 02.9 -0.1
CWF	Charnwood Fore	83.16	337	eP	Iamb	12 12 03.0 -0.1
CWF	Charnwood Fore	83.16	337	eP	Iamb	12 14 07.9
SUSD	Miller	83.18	37	P	P	12 14 03.8 +0.4
GMM	Mts of Mourne	83.22	340	eP	P	12 14 03.1 -0.1
MVCO	Mesa Verde	83.23	48	P	P	12 14 05.2 +1.2
MVCO	Mesa Verde	83.23	48	eP	P	12 14 05.2 +1.2
G32A	Webster	83.26	36	P	P	12 14 03.9 +0.2
BFO	Black Forest	83.31	329	iP	P	12 14 03.7 -0.2
BFO	Black Forest	83.31	329	eP	P	12 14 03.8 -0.2
FETA	Feichten	83.33	327	eP	P	12 14 04.3 0.0
E34A	Wadena	83.36	34	P	P	12 14 04.1 -0.1
F33A	5 Mile Ranch,	83.37	35	P	P	12 14 04.5 +0.2
H31A	Wolsee	83.38	37	P	P	12 14 04.4 0.0
C36A	Pine Crest Far	83.39	32	P	P	12 14 04.2 -0.2
D35A	Remer	83.41	33	P	P	12 14 03.9 -0.5
SANT	Santorini	83.46	311	eP	P	12 14 06.9 +1.9
DAVA	Damuels	83.48	327	eP	P	12 14 05.1 +0.1
FOEL	Foel Wylfa	83.61	338	eP	Iamb	12 14 05.2 -0.2
FOEL	Foel Wylfa	83.61	338	eP	Iamb	12 14 12.2
E35A	Pequot Lakes	83.66	33	P	P	12 14 05.4 -0.4
C37A	Embarrass	83.69	32	P	P	12 14 05.7 -0.1
I31A	Royce, Wessing	83.69	37	P	P	12 14 06.0 +0.1
D36A	Goodland	83.71	32	P	P	12 14 05.7 -0.3
G33A	Ortonville	83.80	35	P	P	12 14 06.7 +0.3
URZ	Urewera	83.80	150	P	P	12 14 05.5 -0.7
URZ	Urewera	83.80	150	P	LR	12 24 10.5
EYMN	Ely	83.80	31	P	P	12 14 06.4 -0.1
EYMN	Ely	83.80	31	eP	P	12 14 06.3 -0.2
S22A	4UR Ranch, C	83.83	46	P	P	12 14 08.9 +1.7
FUORN	Ofenpass-Fuorn	83.84	327	eP	P	12 14 07.1 +0.1
H32A	Carlson Farm,	83.86	36	P	P	12 14 06.8 0.0
F34A	Alexandria	83.87	34	P	P	12 14 06.8 0.0
ECH	Echery	83.88	330	eP	pmax	12 14 05.7 -1.1
ECH	Echery	83.88	330	eP	pmax	12 14 05.7 -1.1
DAVOX	Davos/Dischmat	83.88	327	P	P	12 14 06.3 -0.8
W18A	Petrified Fore	83.91	50	eP	P	12 14 08.9 +1.4
W18A	Petrified Fore	83.91	50	eP	P	12 14 08.7 +1.2
Q24A	Divide	83.93	44	P	P	12 14 08.5 +0.9
D37A	Cotton	84.04	32	P	P	12 14 07.2 -0.5
H33A	Prehn Over Nor	84.05	36	P	P	12 14 08.1 +0.3
C38A	Sawbill Land,	84.07	31	P	P	12 14 07.6 -0.2
214A	Organ Pipe Nat	84.10	54	P	P	12 14 09.3 +1.0
214A	Organ Pipe Nat	84.10	54	eP	P	12 14 09.3 +1.0
G34A	Benson	84.12	35	P	P	12 14 08.4 +0.2
F35A	Swanville	84.13	34	P	P	12 14 07.9 -0.2
J31A	Geddes	84.14	38	P	P	12 14 08.4 +0.1
DAMY	Dhamar	84.15	284	eP	P	12 14 10.6 +1.5
X18A	Snowflake	84.18	50	eP	P	12 14 10.2 +1.4
E36A	McGregor	84.19	33	P	P	12 14 08.3 -0.1
OGNE	Ogallala	84.20	41	P	P	12 14 09.2 +0.5
OGNE	Ogallala	84.20	41	eP	P	12 14 09.7 +1.0
I32A	Karley and Nic	84.20	37	P	P	12 14 08.7 +0.1
MCH1	Michaelchurch	84.32	337	eP	Iamb	12 14 08.3 -0.7
MCH1	Michaelchurch	84.32	337	eP	Iamb	12 14 15.7
BKZ	Black Slump Fm	84.34	151	eP	P	12 14 09.9 +0.8
TUE	Stuetta	84.35	327	eP	P	12 14 09.4 -0.1
WOL	Wolverton	84.35	336	eP	Iamb	12 14 08.3 -0.8
WOL	Wolverton	84.35	336	eP	Iamb	12 14 09.8
MONM	Monmouth	84.40	337	eP	Iamb	12 14 09.0 -0.4
MONM	Monmouth	84.40	337	eP	Iamb	12 14 14.5
C39A	Grand Marais	84.45	30	P	P	12 14 09.3 -0.4
I33A	Coleman	84.50	36	P	P	12 14 10.3 +0.2
H34A	Spellman Lake,	84.50	35	P	P	12 14 10.2 +0.2
J32A	Parkston	84.51	37	P	P	12 14 10.2 0.0
E37A	Wrenshall	84.52	32	P	P	12 14 09.7 -0.4
IDI	Anoyia	84.53	311	P	P	12 14 09.3 -1.2
IDI	Anoyia	84.53	311	P	LR	12 25 07.3
LPW	Lampeter	84.58	338	eP	P	12 14 09.7 -0.4
HGH	Gray Hill	84.58	337	eP	P	12 14 09.8 -0.5
SDCO	Great Sand Dun	84.58	46	eP	P	12 14 12.2 +1.2
SDCO	Great Sand Dun	84.58	46	eP	P	12 14 11.9 +0.9
SDCO	Great Sand Dun	84.58	46	eP	LR	12 14 11.9 +0.9
F36A	Milaca	84.59	33	P	P	12 14 09.8 -0.7
K31A	O'Neill	84.63	38	P	P	12 14 11.2 +0.4

G35A	Watkins	84.66	34	P	P	12 14 11.2 +0.3
C40A	Isle Royale Na	84.76	30	P	P	12 14 10.9 -0.4
ECSD	ERIC Data Cent	84.83	36	P	P	12 14 12.0 +0.3
ECSD	EROS Data Cent	84.83	36	eP	P	12 14 11.8 +0.1
E38A	The Farm, Brul	84.84	32	P	P	12 14 11.6 -0.2
H35A	Sunnyside Ranc	84.91	35	P	P	12 12 12.7 +0.6
I34A	Hadley	84.94	36	P	P	12 14 12.5 +0.2
J33A	Davis	84.97	37	P	P	12 14 12.4 -0.1
G36A	St. Michael	84.98	34	P	P	12 14 12.3 -0.1
K32A	Trengre	84.98	38	P	P	12 14 12.5 -0.1
F37A	Hinrichs Farm,	85.08	33	P	P	12 14 12.7 -0.3
TUC	Tucson	85.15	52	P	P	12 14 14.8 +1.1
TUC	Tucson	85.15	52	eP	pmax	12 14 14.8 +1.1
TUC	Tucson	85.15	52	eP	pmax	12 14 14.8 +1.1
SCHO	Schefferville	85.22	14	P	P	12 14 13.2 -0.3
SCHO	Schefferville	85.22	14	P	LR	12 25 19.0
SCHO	Schefferville	85.22	14	P	P	12 14 13.7 +0.2
F38A	Pierce - Schro	85.22	32	P	P	12 14 14.0 +0.4
K30A	Kaye Shedlock	85.28	43	P	P	12 14 14.7 +0.4
K30A	Kaye Shedlock	85.28	43	eP	P	12 14 14.6 +0.4
SENIN	Lac Senin/San	85.30	328	eP	P	12 14 14.2 -0.1
THZ	Tophouse	85.33	155	eP	P	12 14 14.5 +0.5
SPMN	Marine on St.	85.40	33	P	P	12 14 14.4 -0.1
SPMN	Marine on St.	85.40	33	eP	P	12 14 14.5 -0.1
H36A	Jessenland, He	85.41	34	P	P	12 14 15.4 +0.8
E39A	Meller	85.44	31	P	P	12 14 14.6 -0.1
L32A	Elgin	85.46	38	P	P	12 14 15.3 +0.4
J34A	Gez	85.48	36	P	P	12 14 14.9 -0.1
I35A	Creekview Farm	85.49	36	P	P	12 14 15.1 0.0
K33A	Hardington	85.50	37	P	P	12 14 15.5 +0.4
T25A	Trinidad	85.63	45	P	P	12 14 17.0 +0.9
E40A	Wakefield	85.65	31	P	P	12 14 16.2 +0.4
F39A	Loretta	85.66	32	P	P	12 14 15.9 +0.1
AQU	L'Aquila	85.68	322	eP	pmax	12 14 15.8 -0.3
AQU	L'Aquila	85.68	322	eP	pmax	12 14 15.8 -0.3
D41A	Chassel	85.69	30	P	P	12 14 16.3 +0.3
L33A	Hoskins	85.70	38	P	P	12 14 16.3 +0.1
J35A	Milford	85.76	36	P	P	12 14 16.5 +0.1
K36A	Fitzsimmons Fa	85.81	35	P	P	12 14 16.8 +0.2
BGNE	Belgrade	85.84	39	P	P	12 14 17.1 +0.2
BGNE	Belgrade	85.84	39	eP	P	12 14 16.9 +0.1
G38A	Ridgeland	85.85	33	P	P	12 14 16.4 -0.4
H37A	Dierke Farm, C	85.86	34	P	P	12 14 17.2 +0.3
K34A	Le Mars	85.87	37	P	P	12 14 17.0 0.0
FOZ	Fox Glacier	85.94	158	eP	P	12 14 18.2 +1.4
LAZ	Ladron	85.96	49	eP	P	12 14 19.2 +1.4
DYA	Yadworthy	85.97	337	eP	P	12 14 17.9 +0.6
F40A	Park Falls	85.99	32	P	P	12 14 17.5 0.0
ANMO	Albuquerque	85.99	48	P	P	12 14 19.4 +1.4
ANMO	Albuquerque	85.99	48	eP	pmax	12 14 19.2 +1.3
ANMO	Albuquerque	85.99	48	eP	pmax	12 14 19.2 +1.3
E41A	Kenton	86.02	31	P	P	12 14 17.6 0.0
G39A	Holcombe	86.05	32	P	P	12 14 17.7 -0.1
H38A	Maiden Rock	86.06	33	P	P	12 14 18.0 +0.1
I37A	Lemond, Waseca	86.08	35	P	P	12 14 18.7 +0.7
M33A	Taylor Creek F	86.19	38	P	P	12 14 18.7 +0.2
J36A	Seneca 1, Swea	86.19	35	P	P	12 14 18.7 +0.2
COWI	Conover	86.24	31	eP	P	12 14 19.0 +0.2
K35A	Storm Lake	86.25	36	P	P	12 14 18.8 -0.1
L34A	Sveinens Farm,	86.28	38	P	P	12 14 19.0 0.0
Y22D	IRIS PASSCAL I	86.32	49	P	P	12 14 21.1 +1.6
Y22E	IRIS PASSCAL I	86.32	49	P	P	12 14 21.1 +1.6
LPM	Los Pinos Moun	86.32	49	eP	P	12 14 20.8 +1.2
TIP	Timpagrande	86.35	318	eP	P	12 14 19.4 -0.1
BNM	Ben Site	86.44	49	eP	P	12 14 21.4 +1.2
OXZ	Oxford	86.44	156	eP	P	12 14 20.2 +0.8
E42A	Champion	86.46	30	P	P	12 14 19.8 0.0
G40A	Rib Lake	86.48	32	P	P	12 14 20.0 +0.1
H39A	Augusta	86.49	33	P	P	12 14 20.0 +0.1
M34A	Asp Farms, Fr	86.54	38	P	P	12 14 20.5 +0.3
I38A	Scanlan Farm,	86.54	34	P	P	12 14 20.3 +0.1
F41A	Three Lakes	86.55	31	P	P	12 14 20.5 +0.3
J37A	Redenius Farm,	86.57	35	P	P	12 14 20.7 +0.3
L35A	Blowout Farm, R	86.57	37	P	P	12 14 20.4 0.0
K36A	Gilmore City,	86.68	36	P	P	12 14 21.2 +0.2
N33A	J Bar K, Exete	86.69	39	P	P	12 14 20.7 -0.4
LBZ	Lake Benmore	86.82	158	eP	P	12 14 22.8 +1.6
121A	Cookes Peak, D	86.86	51	P	P	12 14 23.6 +1.3
121A	Cookes Peak, D	86.86	51	eP	P	12 14 23.3 +1.0
PMOR	Pomariope Re	86.86	112	eP	P	12 14 24.0 +1.9
E43A	Lone Tree Farm	86.87	29	P	P	12 14 21.5 -0.3
H40A	Chili	86.92	32	P	P	12 14 22.2 +0.1
F42A	Maple Grove Fa	86.93	30	P	P	12 14 22.3 +0.2
G41A	Antigo	86.95	31	P	P	12 14 22.0 -0.2
K37A	Belmond	86.95	35	P	P	12 14 22.4 +0.1

CBKS	Cedar Bluff	86.96	42	P	P	12 14 22.3 -0.2
CBKS	Cedar Bluff	86.96	42	eP	pmax	12 14 22.8 +0.4
CBKS	Cedar Bluff	86.96	42	eP	pmax	12 14 22.8 +0.4
L36A	Harm Buss Farm	86.99	36	P	P	12 14 22.7 +0.2
M35A	Neos	86.99	37	P	P	12 14 23.0 +0.5
I39A	Houston	87.04	34	P	P	12 14 22.5 -0.2
J38A	Wesley Dairy R	87.05	34	P	P	12 14 22.7 0.0
E44A	Grand Marais A	87.08	29	P		

Table with columns for location, elevation, distance, and other metrics. Includes entries like Nuku Hiva Isla, TAOE Nuku Hiva Isla, TAOE Nuku Hiva Isla, etc.

Table with columns for location, elevation, distance, and other metrics. Includes entries like PLVO Plevna, V37A Hulbert, T39A Cleveland, etc.

Table with columns for location, elevation, distance, and other metrics. Includes entries like ACSO Alum Creek Sta, ACSO Alum Creek Sta, PKME Peaks-Kenny Pk, etc.

8d 12h

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for various stations.

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Main table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for various stations.

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Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for various stations.

Table with columns: GRES, GERESE Array B, Kurbb Kurchatov Arra, MKAR Makanchi Array, CMAR Chiang Mai Arr. Includes station names, coordinates, and SNR values.

Table with columns: Kurbb Kurchatov Arra, GUC 08 12:57:08.6, ISCBJ 08 12:57:08.2. Includes station names, coordinates, and SNR values.

Table with columns: MKAR Makanchi Array, IDC 08 13:06:38.0, MEX 08 13:06:41.2. Includes station names, coordinates, and SNR values.

IDC 08 12:39:54.0, 7.18, 17N, 119.99E, h0km, mb4.0/12, mb1.4/1.4, mb1mx3.9/6.5, mbtmp4.0/14, ML3.7/2, MS3.8/2, Ms1.3/8.2, ms1mx3.0/6.2, Error ellipse: s-maj=26.0km, s-min=11.8km az=75.0

Code Station Name Az AZ Phase ID Time Res ISC h m s ISC. Includes station names like TLL Tollo Astrono, GO04 Tollo Observa, LCO Las Campanas.

IDC 08 12:39:58.4, 0.6, 18.26N, 10.06E, 119.79E, 0.07, h24km, n26, r151/27, mb3.9/12, 2C, Philippine Islands region

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like ABRA Dolores, LQP Lukban, JNU Nakatusu, etc.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like AAFI Afiamalu, AFU Funafuti, DZM Mont Dzumac, etc.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like PCIG Huatulco, CMIG Matias Romero, VHO Vista Hermosa, etc.

IDC 08 12:40:02.6, 6.9, 1.58N, 97.52W, h0km, mb3.7/5, mb1.4/1.5, mb1mx3.7/4.6, mbtmp3.7/5, Error ellipse: s-maj=291.9km, s-min=127.6km az=90.0, West of Galapagos Islands

IDC 08 13:05:10.9, 0.5, 19.91S, 107.17W, h500km, mb4.2/8, Error ellipse: s-maj=11.6km, s-min=7.7km az=23.2

IDC 08 13:06:44.3, 1.0, 15.19N, 94.10W, h39km, mb2.5/9, Error ellipse: s-maj=3.0km, s-min=4.2km az=101.5

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like TXAR Lajitas Array, PDAR Pinedale Array, YKA Yellowknife Ar, etc.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like AFI Afiamalu, AFU Funafuti, DZM Mont Dzumac, etc.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like UNM Universidad Na, UGHU Tegucigalpa, MYIG Morija, etc.

IDC 08 12:46:21.6, 1.2, 172S, 121.58E, h0km, mb3.3/5, mb1.3/5, mb1mx3.4/5.2, mbtmp3.4/5, MS3.7/1, Ms1.3/7.1, ms1mx2.8/2.8, Error ellipse: s-maj=168.4km, s-min=20.3km az=62.0

IDC 08 13:05:11.3, 1.3, 3.37N, 101.126E, 0.06, h45km, mb3.5/4, Error ellipse: s-maj=15.0km, s-min=7.8km az=7.3

IDC 08 13:06:41.2, 1.4, 14.68N, 94.43W, h16km, mb5.1/26.1, MS4.6/4, MS4.4/4, MS1.4/4.1, ms1mx4.3/5.1, Error ellipse: s-maj=17.7km, s-min=9.9km az=54.0

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like APPI Ampama, TTSI Tana Toraja, LUWI Luwuk, etc.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like SGGI Sangihe, KMSI Cibinong, LBMI Labuha, etc.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like 341A Kurthwood, 343A Vidalia, 342A Flagon Creek P, etc.

8d 13h

Table with columns: Station, Name, Comp, Az, El, SNR, P, M, R, S, L, T, V, W, X, Y, Z. Includes stations like WHTX Lake Whitney, 450A Crestview, 244A Avery Jackson, etc.

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Table with columns: Station, Name, Comp, Az, El, SNR, P, M, R, S, L, T, V, W, X, Y, Z. Includes stations like OXF Oxford, W38A Poteau, W38A El Paso, W38A Wichita Mounta, etc.

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Table with columns: Station, Name, Comp, Az, El, SNR, P, M, R, S, L, T, V, W, X, Y, Z. Includes stations like WVT Waverly, U45A Rockin P Farm, ROSC El Rosal, ROSC El Rosal, etc.

Table with columns: Station, Name, Time, Date, Status, etc. Includes entries like Tazewell, Red Bud, Waltonville, University of, Santo Domingo, Longview Farm, Skylar, Fairfri, Trinitydad, Saint Louis, Saint Louis, Mercer Eighty, Organ Pipe Nat, Organ Pipe Nat, Cooks Store, C, Gibon Southern, State Highway, Arnold C. Orve, Chapman, Willow Grove F, Laux Farm, Aux, Snowflake, Truxton, Golden Eagle, Kansas State U, Kansas State U, New Douglas, Wyandotte Cave, Wyandotte Cave, Wooly Knot Far, Cedar Bluff, Cedar Bluff, Meyer Farm, Va, Olney, Petrified Fore, Petrified Fore, Warren Harvey, Salisbury, Northridge Ran, Duane Minner, Lathrop, Paris, Good Intent, A, Dawn, Walnut Farm, R, CEJHS Indians, Great Sand Dun, Great Sand Dun, Lo Mia Camp, Winchester, Barry, Barry, Bedord North L, Sand Creek, Wi, Skaggs, Pawnee, Cliffs of the, Mohawk Valley, Kaye Shedlock, Bloomington, Bloomington, Galt, Bolckow, Wolven Farm, M, Graceland, Par, La Belle, Hebron, Beatrice, Passleys Farm, Kirksville, Humboldt, 4UR Ranch, Cre, Wickenburg, Rosedale, Blacksburg, Bath, Martinsville, Mesa Verde, Mesa Verde.

Table with columns: Station, Name, Time, Date, Status, etc. Includes entries like Wupatki, Wupatki, Sugar Creek Fa, Mansfield, Lee Faris, Mou, Divide, Joe South For, Muff Farm, Cla, Hardeck Midland, J Bar K, Exete, Tabor, Potomac, Lincoln, Derby Farms, D, Hopedale, Hopedale, Glamis, Glamis, Glamis, Glamis, Parker Dam, Lak, Piper City, Paradox Valley, Trindle Farm, Pleasantville, Felix, Anita, Neola, Kenland, Post Highland, Sam W. Stewart, Paradox Valley, Webster, In-Ko-Fah, Jac, Milan, Aspy Farms, Fr, Belgrade, Belgrade, Snowmass, Taylor Creek F, Ideal Springs, Idaho Springs, Idaho Springs, Idaho Springs, Hualapai Moun, Hualapai Moun, Big Chuckwall, Sheffield, Paradox Valley, North Rim, Waimam Townsh, Ogallala, Ogallala, Waimam Townsh, Iron Mountain, Atahualpa, Atahualpa, Paradox Valley, Monument Peak, State Center, State Center, Needles Airpor, Midewin, Midew, Barrett, Sargeant Re, Svendsen Farm, Quail, Boilermakers S, Alum Creek Sta, Alum Creek Sta, Alum Creek Sta, Harm Buss Farm, San Juan, San Juan, Hopewell Churc, Phoenix Point, Blowlow Farm, R, Cuckoo, Louis, Oak Wood Farm, Greensprings.

Table with columns: Station, Name, Time, Date, Status, etc. Includes entries like Anamosa, Elgin, Vinton, Spring Road, M, Preston, Hoskins, Old House Fiel, Belle Mtn. Jos, Oliver, Polo, Pion Flat, Pinyon Flats O, Pinyon Flats O, Pinyon Flats O, Camp Elliot, M, Canovanas, Pink Cliffs, Granite Mounta, Garden Prairie, Miners Mountai, Gilmore City, Parkersburg, Monte Pirata, Hanngton, Mont Chateau, Le Mars, Lake County Fo, Storm Lake, Belmont, Oelwein, Red Feather La, Shullsburg, Colesburg, Verdigr, Murta, O'Neill, White River Ci, White River Ci, Mount Pierson, San Rafael Swe, San Rafael Swe, Pilot Hill, Hector, Ludlow, Shurtz Canyon, Prairie Point, Jewell Farm, Jewell Farm, Jewell Farm, Castle Valley, Turquoise Moun, Burlington, Cedar City, Marysval, Marysval, Redenius Farm, George, Preston Nutter, Seneia, I, Swea, Wedel Dairy, R, Milfont, Butcher Ranch, Davis, Decarah, Sheep Range, Trail Mountain, Mount Baldy Ra, Parkston, Geddes, Soldiers Grove, Catalina Islan, Loganville, Goldstone, Bar, Columbus, Shoshone, Teco, Blue Knob Stat, Moris State, Mount Wison, Mount Wison, Ann Arbor, EROS Data Cent, EROS Data Cent, Natural Harves, Creekview Farm, Rawlins.

8d 13h

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like I39A Houston, DECC Green Verdugo, I36A Fitzsimons Fa, etc.

2012 FEB

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like TIN Alexamaha, G42A Mountain, SPUT South Promonto, etc.

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Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like RLMT Red Lodge, C35A Jirik Farms, PNTR Pine Nut, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, and other details. Includes entries like G08A Pilot Rock, PKME Peaks-Kenny Pk, J04D Umpqua Natona, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, and other details. Includes entries like DOT Dot Lake, PAX Paxson, PAX Paxson, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, and other details. Includes entries like NB2 NORSAR Subarra, NB2 NORSAR Subarra, NOA NORSAR Array B, etc.

8d 14h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Includes stations like MORAVSKY BEROU, TORODI AR. SIT, OJCOW, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Includes stations like MORAVSKY BEROU, TORODI AR. SIT, OJCOW, etc.

2012 FEB

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Includes stations like MATAKAOA POINT, WAIOMATATINI S, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Includes stations like CHIANG MAI ARR, PALLEKELE, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Includes stations like MONT DZUMAC, RATAPPEAKS, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Includes stations like SUFI-KURGAN, MNAS MANAS, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Includes stations like MATIAS ROMERO, ENDE FLORES, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Includes stations like OURI, UNFONATO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Includes stations like SAULKI, AMBON, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Includes stations like SUFI-KURGAN, MNAS MANAS, etc.

Vertical text block containing various codes and station names, possibly a continuation of the table or a specific list.

Vertical text block containing various codes and station names, possibly a continuation of the table or a specific list.

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res	ISC	h	m	s	ISC
TT04	TONANKAI O.B.S	0.23	84	P		Pn	14	14	25.9	-1.4
JIE	Ise	0.62	311	P		Pn	14	14	26.1	-2.1
JWY	Kouya	1.41	200	P		Pn	14	14	26.6	-2.7
JOD2	Odawara 2	1.21	49	P		Pn	14	14	28.5	0.8
JWT	Wachi	1.01	311	P		Pn	14	14	32.1	-2.5
JAI	Aioi	2.35	266	P		Pn	14	14	34.0	-3.0
JJK	Kuzama	2.41	342	P		Pn	14	14	35.0	-2.3
JRY	Hyogami san	2.43	33	P		Pn	14	14	37.2	-0.3
IMJAR	Matsuisiro Arr	2.57	67	P		Pn	14	14	38.4	-0.9
MJAR				S		S	14	15	27.2	+0.4
JAG	Ashikaga	3.02	36	P		Pn	14	15	40.2	-2.0
B01	Bosoko	3.14	77	P		Pn	14	15	27.8	-4.4
BS01				S		S	14	14	10.1	-1.7
BS01				S		S	14	15	30.7	-2.3
KSR5	Korea Array	8.35	297	P		S	14	15	38.3	-1.9
SOM1	Songino Array	26.92	310	P		P	14	18	52.3	+3.7
MKAR	Makanchi Array	42.95	304	P		P	14	21	05.3	+1.7
KURB8	Kuruchat Arra	45.29	310	P		P	14	22	22.5	+0.8
WRA	Warramunga Arr	57.50	183	P		P	14	21	26.1	+1.3
FINES	FINES Array B	69.90	332	P		P	14	24	12.9	+1.8

ISCJB 08 14:16:00.0.0.6.9.7S:0.10:156:28E:0.10:h150km,
mb3.6/11, Error ellipse: s-maj=15.0km s-min=12.3km

az=138.3
IDC 08 14:16:01.1.3.1.6:94S:156:31E,h145km,31km,mb3.4/11,
mb1.3/6/13,mb1mx3.4/47,mbtm3.9/13, Error ellipse:
s-maj=21.4km s-min=16.1km az=131.0

ISC 08 14:16:01.5.0.7.7.0S:0.1:156:4E:0.1,h150km,n20,
0574/15,mb3.6/11,Bougainville-Solomon Islands
region

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res	ISC	h	m	s	ISC
HNR	Honiarra	4.32	125	P		Pn	14	17	05.5	-0.6
DMZ	Mont Dzumac	17.91	148	P		Pn	14	20	02.1	+0.7
WRA	Warramunga Arr	24.96	237	P		P	14	21	10.8	-0.5
ASAR	Alce Springs	27.22	300	P		P	14	21	30.6	-1.1
ASAR				PcP		PcP	14	24	47.9	-0.2
H11S3	WAKE ISLAND Hy 27.27	22	22	T		T	14	50	21.7	
H11S2	WAKE ISLAND Hy 27.27	22	22	T		T	14	49	59.0	
H11S1	WAKE ISLAND Hy 27.28	22	22	T		T	14	50	00.7	
STKA	Stevens Creek	28.36	207	P		P	14	21	42.6	+1.0
H11N1	WAKE ISLAND Hy 28.46	21	21	T		T	14	51	45.3	
H11N3	WAKE ISLAND Hy 28.47	21	21	T		T	14	51	50.8	
H11N2	WAKE ISLAND Hy 28.48	21	21	T		T	14	51	48.7	
FITZ	Fitzroy Crossi	31.91	247	P		P	14	22	12.4	-0.6
URZ	Urewera	36.39	152	P		P	14	22	51.7	+0.3
CMAR	Chiang Mai Arr	61.99	295	P		P	14	26	07.2	+1.0
SEY	Seymchan	69.75	358	P		P	14	26	55.1	+0.6
SOM1	Songino Array	70.04	327	P		P	14	26	57.8	+0.6
ILAR	Eileison Array	82.84	21	P		P	14	28	08.7	-0.1
MKAR	Makanchi Array	84.27	318	P		P	14	28	15.9	-0.7
YKA	Yellowknife Ar	95.67	41	P		P	14	29	09.8	0.0
TORD	Tordi Arr. Bea	154.32	286	PKPbc		PKPbc	14	35	44.1	-1.0

ISCJB 08 14:19:51.9.0.9.17:4N:0:2:46:4W:0.2,h12km,mb3.7/6,
MS3.6/19, Error ellipse: s-maj=26.1km s-min=22.9km
az=156.9

IDC 08 14:19:51.7.1.2.17:35N:46:37W,h0km,mb3.7/6,
mb1.4/0.6,mb1mx3.6/58,mbtm3.7/6,MS3.6/19,
Ms1.3/6/19,ms1mx3.6/61, Error ellipse: s-maj=33.6km
s-min=28.8km az=53.0

ISC 08 14:19:53.4.1.1.17:32N:0:2:46:4W:0.2,h12km,n27,
0561/6,mb3.8/6,MS3.7/19,Northern Mid-Atlantic Ridge

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res	ISC	h	m	s	ISC
PTGA	Pitinga	22.41	218	LR		LR	14	34	09.7	
SDV	Santo Domingo	25.06	253	LR		LR	14	36	57.7	
TKL	Tuckaleechee C	37.84	306	LR		LR	14	40	53.3	
LPZA	La Paz	39.71	214	P		P	14	42	27.5	-0.1
LPZA				LR		LR	14	43	43.4	
H10N3	ASCENSION HYDR0.22	126	T	T		T	15	11	22.5	
H10N2	ASCENSION HYDR0.24	126	T	T		T	15	11	23.5	
H10N1	ASCENSION HYDR0.24	126	T	T		T	15	11	22.9	
MDT	Midelt	40.55	60	LR		LR	14	44	23.5	
SCHO	Schefferville	40.59	342	P		P	14	27	32.5	-0.4
KOWA	Kowa	40.77	88	LR		LR	14	43	34.5	
H10S3	ASCENSION HYDR0.80	127	T	T		T	15	12	12.0	
H10S1	ASCENSION HYDR0.80	127	T	T		T	15	12	06.0	
H10S2	ASCENSION HYDR0.82	127	T	T		T	15	12	02.2	
DBIC	Dimbokro	41.87	100	LR		LR	14	44	04.3	
TORD	Tordi Arr. Bea	46.47	98	P		P	14	28	20.8	0.0
TORD				LR		LR	14	46	56.4	
ULM	Lac du Bonnet	51.30	321	LR		LR	14	49	24.1	
TXAR	Lajitas Array	53.49	294	LR		LR	14	51	39.1	
PDAR	Pinedale Array	58.82	310	P		P	14	29	52.4	+0.1
PDAR				LR		LR	14	53	38.2	
LPIG	La Paz	59.75	288	LR		LR	14	56	24.1	
RES	Resolute Bay	63.02	347	LR		LR	14	56	55.6	
NEW	Newport	64.48	316	LR		LR	14	57	02.9	
YKA	Yellowknife Ar	64.73	332	P		P	14	30	30.9	-0.4
YKA				LR		LR	14	57	38.4	
NVAR	Mina Array Bea	65.42	305	LR		LR	14	56	54.6	
YBH	Yreka Blue Hor	68.58	309	LR		LR	15	00	59.1	
BBB	Bella Bella	71.47	320	LR		LR	15	00	10.3	
ILAR	Eileison Array	78.88	335	P		P	14	31	57.2	+0.8
KMBO	Kilima Mbogo	84.24	93	LR		LR	15	09	50.5	

ISCJB 08 14:56:29.8.0.4.50:15N:0:03:18:63E:0:03,h0km, Error
ellipse: s-maj=5.0km s-min=2.5km az=11.5

CSEM 08 14:56:30.9.0.20:18:7E,h2km,ML2.8/4, Error
ellipse: s-maj=7.8km s-min=3.4km az=15.0

WAR 08 14:56:31.9.50:15N:18:77E,h1km,Mw2.4
PRU 08 14:56:31.8.50:20N:18:69E,h0km

ISC 08 14:56:31.1.0.8.50:13N:0:03:18:70E:0:02,h0km,n31,
0582/55,Poland

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time Res	ISC	h	m	s	ISC
CHZP	Chorzow	0.24	50	Pg		Pg	14	56	35.6	-0.1
CHZP				eSg		eSg	14	56	38.5	-0.3
CHZP	Chorzow	0.24	50	Pg		Pg	14	56	35.6	-0.1
OKC	Ostrava-Krasne	0.47	231	ePb		ePb	14	56	42.2	0.0
OKC				eSg		eSg	14	56	50.0	+0.4
OKC	Ostrava-Krasne	0.47	231	Pg		Pg	14	56	42.2	0.0
OJC	Ojcow	0.71	83	eSg		eSg	14	56	44.2	-0.5
OJC				eSg		eSg	14	56	53.8	0.0
OJC				eSg		eSg	14	56	44.2	-0.5
OJC	Ojcow	0.71	83	Pg		Pg	14	56	42.2	-0.5
OJC				eSg		eSg	14	56	53.8	0.0
LANS	Liptovska Anna	1.10	153	eSg		eSg	14	56	53.8	-0.2
LANS	Liptovska Anna	1.10	153	ePb		ePb	14	57	06.9	+0.9
LANS				eSg		eSg	14	56	53.8	-0.2
LANS	Liptovska Anna	1.10	153	eSg		eSg	14	57	08.9	+0.9
NIE	Niedzica	1.26	124	ePb		ePb	14	56	55.7	0.0
NIE				eSg		eSg	14	57	13.6	0.0
NIE	Niedzica	1.26	124	ePb		ePb	14	56	55.7	0.0
NIE				eSg		eSg	14	57	13.6	0.0
DPC	Dobruska-Polom	1.54	279	ePb		ePb	14	56	59.7	-0.2
DPC				eSg		eSg	14	57	20.9	+0.3
DPC	Dobruska-Polom	1.54	279	Pg		Pg	14	56	59.7	-0.2
DPC				eSg		eSg	14	57	20.9	+0.3
VYHS	Vyhne	1.64	177	ePb		ePb	14	57	03.2	+0.6
VYHS				eSg		eSg	14	57	23.6	+0.1
VYHS	Vyhne	1.64	177	ePb		ePb	14	57	03.2	+0.6
VYHS				eSg		eSg	14	57	23.6	+0.1
KSP	Ksiaz	1.69	296	ePb		ePb	14	57	03.0	-0.1
KSP				eSg		eSg	14	57	26.2	+0.7
KSP	Ksiaz	1.69	296	ePb		ePb	14	57	03.0	-0.1
KSP				eSg		eSg	14	57	26.2	+0.7
UPC	Upice	1.77	283	eSg		eSg	14	57	28.1	+0.4
UPC				Sg		Sg	14	57	28.1	+0.4
STHS	Stebnicka Huta	1.80	113	ePn		ePn	14	57	04.0	0.0
STHS				eSg		eSg	14	57	30.4	+1.6
STHS	Stebnicka Huta	1.80	113	ePn		ePn	14	57	04.0	0.0
STHS				eSg		eSg	14	57	30.4	+1.6
KECS	Kecevo	2.02	144	eLg		eLg	14	57	31.4	-2.3
KECS	Kecevo	2.02	144	eSg		eSg	14	57	37.5	-2.3
KECS				eSg		eSg	14	57	37.5	-2.3
KECS										

CTU	Camp Tracy	50.16	72	eP	P	15 15 46.3 +0.1	baz=309	F31A	Hecla	54.64	59	P	P	15 16 17.8 -1.4	F38A	Pierce - Schro	57.94	55	P	P	15 16 42.7 0.0
BW06	Boulder Array	50.19	68	P	P	15 15 46.0 -0.5	baz=310	B34A	Aery, Baudette	54.86	54	P	P	15 16 20.0 -0.7	SPMN	Marine on St.	57.95	56	P	P	15 16 42.5 -0.3
BW06	Boulder Array	50.19	68	eP	P	15 15 46.0 -0.5	baz=310	W18A	Petrified Fore	54.96	76	P	P	15 15 21.8 0.0	M33A	Taylor Creek F	58.02	62	P	P	15 16 43.3 -0.1
PDAR	Pinedale Array	50.19	68	P	P	15 15 46.2 -0.2	baz=312	S22A	4UR Ranch, Cre	54.98	71	P	P	15 16 22.5 +0.4	SCO	Scroresbysund	58.09	7	eP	pmax	15 16 44.5 +1.2
PDAR	comp=Z,52nm,18.3s,ba	50.29	56	LR	LR	15 36 37.2	baz=310	CD2	Chengdu	55.04	277	P	pmax	15 16 21.0 -1.3	SCO	comp=Z,29nm,1.1s	58.09	7	iP	pmax	15 16 43.1 -0.2
PSUT	Pine Spring	50.23	75	eP	P	15 15 46.8 -0.1	comp=Z,10.0nm,0.8s	CD2							SCO	comp=Z,33nm,1.2s	58.09	7	eP	P	15 16 44.5 +1.2
SPITS	Spitsbergen Ar	50.28	354	P	P	15 15 47.1 +0.7	baz=310	D33A	AnnSam, Waubun	55.10	56	P	P	15 16 21.7 -0.7	I36A	Fitzsimmons Fa	58.12	58	P	P	15 16 43.5 -0.5
SPITS	comp=Z,14nm,0.7s,ba	50.29	56	LR	LR	15 36 31.1	baz=311	Q24A	Divide	55.18	69	P	P	15 16 23.2 -0.4	L34A	Svensden Farm,	58.21	61	P	P	15 16 44.5 -0.2
JLU	Jordanelle	50.40	72	eP	P	15 15 48.0 0.0	baz=311	214A	Organ Pipe Nat	55.19	81	P	P	15 16 22.7 -0.6	H37A	Dierke Farm, C	58.33	57	P	P	15 16 44.9 -0.5
NLU	North Lily Min	50.42	73	eP	P	15 15 48.1 -0.1	baz=312	X18A	Snowflake	55.22	76	eP	P	15 16 23.5 -0.2	K35A	Storm Lake	58.33	60	P	P	15 16 45.0 -0.5
GSC	Goldstone, Bar	50.48	80	P	P	15 15 48.2 -0.4	comp=Z,4.9nm,0.8s	F32A	Veblen	55.24	58	P	P	15 16 22.1 -1.4	E39A	Mellen	58.34	54	P	P	15 16 45.4 -0.1
GSC	Goldstone, Bar	50.48	80	eP	pmax	15 15 48.5 -0.1	baz=310	C34A	RKu Ranch, Bem	55.26	55	P	P	15 16 22.7 -1.0	BRVK	Borovoye	58.41	317	eP	pmax	15 16 46.7 +0.9
GSC	comp=Z,10.0nm,0.9s	50.48	80	eP	P	15 15 48.5 -0.1	baz=310	ILULI	Ilulissat	55.34	18	iP	pmax	15 16 24.1 +0.3	BRVK	comp=Z,34nm,0.6s	58.41	317	eP	P	15 16 46.7 +0.9
BFSC	Mount Baldy Ra	50.64	82	P	P	15 15 49.4 -0.5	comp=Z,27nm,0.8s	ILULI	Iluluy	55.34	18	iP	P	15 16 24.1 +0.3	M34A	Aspy Farms, Fr	58.41	62	P	P	15 16 45.8 -0.3
MPU	Maple Canyon	50.65	72	eP	P	15 15 49.9 -0.1	comp=Z,26nm,0.8s	B35A	Bob, Littlefor	55.41	54	P	P	15 16 24.0 -0.7	J36A	Sene-I, Swea	58.41	59	P	P	15 16 45.5 -0.4
TUQ	Turquoise Moun	50.94	80	P	P	15 15 51.6 -0.5	baz=310	E33A	Westby DABS, E	55.43	57	P	P	15 16 24.5 -0.3	CBKs	Cedar Bluff	58.43	66	eP	pmax	15 16 46.0 -0.3
HEC	Hector,Ludlow	51.08	81	P	P	15 15 52.4 -0.7	baz=310	G32A	Webster	55.43	59	P	P	15 16 24.4 -0.5	CBKs	Cedar Bluff	58.43	66	eP	pmax	15 16 46.0 -0.3
CCUT	Cedar City	51.16	76	eP	P	15 15 54.0 +0.1	baz=310	D34A	Park Rapids	55.48	56	P	P	15 16 24.7 -0.5	CBKs	Cedar Bluff	58.43	66	eP	pmax	15 16 46.0 -0.3
ZAAO	Zalesovo Array	51.20	311	eP	P	15 15 53.4 -0.2	comp=Z,2.9nm,0.8s,ba	I31A	Royce, Wessing	55.66	61	P	P	15 16 26.1 -0.4	CBKs	Cedar Bluff	58.43	66	eP	P	15 16 46.0 -0.3
ZALV	Zalesovo Beam	51.20	311	P	P	15 15 53.7 0.0	comp=Z,2.9nm,0.8s,ba	OGNE	Ogallala	55.70	66	eP	P	15 16 26.4 -0.6	I37A	Lemond, Waseca	58.45	58	P	P	15 16 46.3 0.0
ZALV	comp=Z,1.7nm,0.7s,ba	51.20	311	eP	P	15 15 53.2 -0.5	comp=Z,26nm,0.8s	OGNE	Ogallala	55.70	66	eP	P	15 16 27.4 +0.4	F39A	Loretta	58.47	55	P	P	15 16 46.2 -0.2
ZALV	Zalesovo Beam	51.20	311	eP	P	15 15 53.2 -0.5	baz=310	F33A	5 Mile Ranch,	55.70	58	P	P	15 16 26.0 -0.8	G38A	Ridgeand	58.49	56	P	P	15 16 46.2 -0.3
ZALV	Zalesovo Beam	51.20	311	eP	P	15 17 09.1	baz=310	C35A	LVI Farms, M	55.71	55	P	P	15 16 26.2 -0.6	L35A	Bielow Farm, R	58.57	61	P	P	15 16 46.3 -0.2
ZALV	Zalesovo Beam	51.20	311	eP	P	15 17 09.1 +0.4	baz=310	SDCO	Great Sand Dun	55.77	71	P	P	15 16 27.3 -0.5	H38A	Malden Rock	58.60	57	P	P	15 16 47.3 0.0
MSU	Marysvalde	51.27	74	eP	P	15 15 54.9 +0.2	baz=310	SDCO	Great Sand Dun	55.77	71	eP	P	15 16 27.7 -0.1	E40A	Wakefield	58.63	54	P	P	15 16 47.6 +0.1
MSU	Marysvalde	51.27	74	eP	P	15 15 54.9 +0.2	comp=Z,12nm,1.0s	H32A	Carlson Farm,	55.95	60	P	P	15 16 27.8 -0.9	G39A	Holcombe	58.76	55	P	P	15 16 48.2 -0.2
SZCU	Shurtz Canyon	51.30	76	eP	P	15 15 54.6 -0.2	baz=311	WMQ	Urumqi	56.02	299	P	pP	15 16 30.6 +1.4	O33A	Hebron	58.81	64	P	P	15 16 48.4 -0.5
TMUT	Trail Mountain	51.35	73	eP	P	15 15 55.0 -0.4	comp=Z,33nm,0.9s	WMQ	WMQ				pP	15 16 31.1 +1.2	K36A	Gilmore City	58.81	60	P	P	15 16 48.8 -0.1
NVS	Novosibirsk	51.42	312	iP	pmax	15 15 56.1 +0.8	comp=Z,220nm,4.9s	WMQ	WMQ				pP	15 16 41.9 +6.4	J37A	Redelius Farm,	58.84	58	P	P	15 16 48.6 -0.4
NVS	comp=N,16nm,1.1s	51.52	72	eP	P	15 15 56.3 -0.2	comp=Z,240nm,16.9s	WMQ	WMQ				pmax		F40A	Park Falls	58.88	54	P	P	15 16 48.6 -0.7
P17A	Butcher Ranch,	51.52	72	eP	P	15 15 56.3 -0.2	comp=Z,150nm,22.5s	WMQ	WMQ				pmax		N34A	Lincoln	58.90	62	P	P	15 16 49.0 -0.5
GMRC	Granite Mounta	51.53	80	P	P	15 15 55.5 -1.0	comp=Z,94nm,16.9s	G33A	Ortonville	56.04	58	P	P	15 16 28.5 -0.7	I38A	Scanlan Farm,	59.00	57	P	P	15 16 49.7 -0.4
MTPU	Mount Pierson	51.56	75	eP	P	15 15 57.1 +0.1	baz=311	D35A	Remer	56.08	55	P	P	15 16 29.2 -0.3	L36A	Harm Buss Farm	59.06	60	P	P	15 16 50.3 -0.3
LCMT	Little Creek M	51.57	76	eP	P	15 15 57.2 +0.3	baz=311	KURK	Kurchatov	56.19	310	iP	P	15 16 30.9 +0.7	E41A	Kenton	59.09	53	P	P	15 16 50.6 -0.1
Q16A	Castle Valley	51.62	73	eP	P	15 15 57.7 +0.4	baz=311	KURK	Kurchatov	56.19	310	iP	P	15 16 30.7 +0.5	H39A	Augusta	59.12	56	P	P	15 16 50.3 -0.6
BELC	Belle Mtn. Jos	51.84	81	P	P	15 15 57.3 -1.5	comp=Z,40nm,0.9s	TUC	Tucson	56.20	79	P	P	15 16 30.0 -0.7	K37A	Belmond	59.17	59	P	P	15 16 50.6 -0.7
GTA	Gaotai	51.86	288	P	pP	15 16 01.4 +2.5	baz=313	TUC	Tucson	56.20	79	eP	P	15 16 30.8 +0.1	O34A	Beatrice	59.24	63	P	P	15 16 51.1 -0.7
GTA	comp=N,3.0nm,1.0s					15 16 11.3 +3.5	comp=Z,4.0nm,1.0s	TUC	Tucson	56.20	79	eP	pmax	15 16 30.8 +0.1	G40A	Rib Lake	59.28	55	P	P	15 16 51.7 -0.3
GTA	comp=N,170nm,6.0s					15 16 15.3 +1.0	comp=Z,4.3nm,1.0s	C36A	Pine Crest Far	56.26	54	P	P	15 16 30.3 -0.4	N35A	Tabor	59.36	62	P	P	15 16 52.6 0.0
GTA	comp=N,99nm,16.6s					15 23 22.8 +2.5	comp=Z,4.0nm,1.0s	KURB	Kurchatov Arra	56.30	310	P	P	15 16 31.7 +0.7	J38A	Wedel Dairy, R	59.41	58	P	P	15 16 52.8 -0.2
GTA	comp=N,130nm,14.7s						comp=Z,2.1nm,0.9s,ba	GYA	Guyiang	56.51	271	eP	pmax	15 16 32.0 +0.4	M36A	Felix, Anita	59.42	61	P	P	15 16 52.8 -0.3
GTA	comp=N,140nm,16.2s						comp=Z,10.0nm,1.0s	G31A	O'Neill	56.45	62	P	P	15 16 32.2 -0.1	F41A	Three Lakes	59.52	54	P	P	15 16 53.3 -0.3
SRU	San Rafael Swe	51.88	73	eP	pmax	15 15 59.4 +0.2	baz=311	F35A	Swanville	56.46	67	P	P	15 16 32.7 -0.5	SVE	Sverdlovsk	59.54	324	eP	pmax	15 16 55.2 +1.6
SRU	comp=Z,30nm,0.6s	51.88	73	eP	P	15 15 59.4 +0.2	baz=311	C37A	Emtrass	56.61	54	P	P	15 16 33.0 -0.3	L37A	Phoenix Point,	59.54	60	P	P	15 16 53.5 -0.4
DAG	Danmarks Havn	52.09	4	iP	pmax	15 16 00.4 +0.5	baz=311	MHTCO	State Highway	56.66	71	eP	P	15 16 34.8 +0.7	I39A	Houston	59.55	57	P	P	15 16 53.3 -0.6
DAG	comp=Z,8.0nm,0.7s	52.09	4	iP	P	15 16 00.4 +0.5	comp=Z,21nm,1.0s	H34A	Spellman Lake,	56.74	59	P	P	15 16 33.5 -0.7	P34A	Walnut Farm, R	59.59	64	P	P	15 16 53.8 -0.5
DAG	Danmarks Havn	52.09	4	iP	P	15 16 00.4 +0.5	baz=311	H34A	Spellman Lake,	56.74	59	P	P	15 16 33.5 -0.7	H40A	Chili	59.62	56	P	P	15 16 54.0 -0.4
IRM	Iron Mountain	52.26	80	P	P	15 16 01.5 -0.4	comp=Z,14nm,0.9s	EYMN	Ely	56.82	53	P	P	15 16 33.6 -1.1	K38A	Parkersburg	59.72	59	P	P	15 16 54.9 -0.2
W13A	Hualapai Mount	52.42	79	eP	P	15 16 03.0 -0.3	baz=311	EYMN	Ely	56.82	53	eP	P	15 16 34.5 -0.2	KMI	Kunming	59.74	273	P	pmax	15 16 56.3 +0.6
U15A	North Rim	52.53	76	eP	P	15 16 04.2 0.0	comp=Z,10nm,0.8s	T25A	Trinidad	56.82	70	P	P	15 16 35.7 +0.5	DAV	Davao City (W)	59.76	240	LR	LR	15 37 24.2
O20A	White River Ci	52.60	70	P	P	15 16 04.2 -0.3	baz=312	E36A	McGregor	56.86	56	P	P	15 16 34.5 -0.5	N36A	Mut Farm, Cla	59.77	61	P	P	15 16 55.1 -0.4
IKP	In-Ko-Pah, Jac	52.66	82	P	P	15 16 03.8 -1.2	baz=312	D37A	Cotton	56.86	54	P	P	15 16 34.3 -0.7	J39A	Decorar	59.81	57	P	P	15 16 54.9 -0.8
MDNC	Maddock	52.67	58	P	P	15 16 03.9 -0.8	comp=Z,4.0nm,0.6s	K32A	Verdigre	56.87	62	P	P	15 16 34.6 -0.6	M37A	Trindle Farm,	59.87	60	P	P	15 16 55.7 -0.5
PDMCI	Parker Dam,Lak	52.79	80	P	P	15 16 05.2 -0.6	baz=312	ECSD	Eros Data Cent	56.90	60	P	P	15 16 33.0 -2.4	MNTX	Cornudas Mount	59.95	76	P	P	15 16 56.5 -0.3
PV09	Paradox Valley	53.11	72	eP	P	15 16 08.5 +0.1	comp=Z,3.7nm,0.6s	ECSD	Eros Data Cent	56.90	60	eP	P	15 16 34.7 -0.7	MNTX	Cornudas Mount	59.95	76	eP	P	15 16 56.9 +0.1
ULM	Lac du Bonnet	53.13	53	eP	P	15 16 07.6 -0.4	comp=Z,4.3nm,0.8s,ba	MKAR	Makanchi Arra	56.95	305	P	P	15 16 36.0 +0.2	Q34A	Chapman	59.96	64	P	P	15 16 56.1 -0.7
ULM	comp=Z,3.5nm,0.5s,ba	53.13	53	eP	P	15 17 15.5	comp=Z,3.7nm,0.6s	MKAR	Makanchi Arra	56.95	305	iP	pmax	15 16 36.0 +0.2	L38A	Oak Wood Farm,	59.96	59	P	P	15 16 56.2 -0.6
ULM	Lac du Bonnet	53.13	53	eP	P	15 16 07.6 -0.4	comp=Z,4.0nm,0.6s	MKAR	Makanchi Arra	56.95	305	eP	pmax	15 16 35.7 -0.1	AMTX	Amarillo	59.98	71	eP	P	15 16 56.6 -0.5
ULM	comp=Z,8.0nm,1.0s	53.13	53	eP	P	15 16 07.6 -0.4	comp=Z,33nm,0.6s	ANMO	Albuquerque	57.07	74	P	P	15 16 36.3 -0.6	AMTX	Amarillo	59.98	71	eP	P	15 16 57.1 0.0
ULM	comp=Z,7.6nm,1.0s	53.13	53	eP	P	15 16 07.6 -0.4	baz=313	ANMO	Albuquerque	57.07	74	iP									

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

ISC/JB 08 16:56:02.0-0.5, 39:09N-0:03-29:09E:0:03,h6km,5km, Error ellipse: s-maj=5.9km s-min=3.8km az=150.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include TBP, Tagbilaran, SNPH, Sibulan, etc.

ISC/JB 08 18:15:00.4-0.4, 28:64N-0:03-129:65E:0:04,h27km,4km, mb3.2/7, MS2.8/1, Error ellipse: s-maj=7.1km s-min=3.4km az=24.4

JMA 08 18:15:00.7-0.1, 28:65N-129:61E, h16km, 3km, M3.6 JMA Feit 1 J1, NIED 08 18:15:00.28:60N, 129:60E, h17km, Mw3.6 Best double couple: Mu2 400000-1014, NP1.3e, 174.00000, 864.00000, 1.19.00000, NP2.3e, 75.00000, 873.00000, 1.12.00000, IDC 08 18:15:04.1-1.4, 28:63N-129:53E, h47km, 1.5km, mb3.0/6, mb1 3.2/8, mb1mx3.0/65, mbmtpr3.4/8, ML3.4/2, MS2.9/1, Ms1 2.9/1, ms1mx2.3/14, Error ellipse: s-maj=23.8km s-min=8.5km az=105.0

ISC 08 18:14:59.0-1.3, 28:69N-0:03-129:58E:0:05, h9km, 9km, n24, 1926/38, mb3.2/7, Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include JAM, Amami Oshima, JZK, Kikaisshima, etc.

DJA 08 18:20:34.6-1.8, 2:57:13'E, h24km±18km, M3.6/4, ML3.6/4, Irian Jaya region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KURBB, Kurchatov Arra, WRA, Warramunga Arr, etc.

CSEM 08 18:29:15.9-0.2, 67:20N-20:63E, h2km, ML2.0, Error ellipse: s-maj=4.7km s-min=2.9km az=88.0, Mining explosion, UPP 08 18:29:15.9, 67:18N-20:66E, h0km, ML2.5, Suspected Mining explosion, ISC/JB 08 18:29:15.3-0.4, 67:20N-20:63E:0:08, h0km, Error ellipse: s-maj=4.3km s-min=2.7km az=10.9

NAO 08 18:29:16.2-0.9, 67:15N-20:86E, ML2.2 HEL 08 18:29:16.5-0.1, 67:18N-20:62E, h0km, ML2.0, ML2.5 (UPP), Explosion, IDC 08 18:29:17.2-0.9, 67:12N-21:08E, h0km, mb1 3.0/4, mb1mx2.8/74, mbmp3.0/4, ML2.4/4, Error ellipse: s-maj=15.8km s-min=7.5km az=116.0, BER 08 18:29:19.0-3.3, 67:16N-20:84E, h0km, ML2.2 (NAO), Suspected explosion, ISC 08 18:29:16.0-0.7, 67:18N-20:60E:0:03, h0km, n67, 1928/101, Sweden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include DUNU, Dundret, MASU, Masugnsbyn, etc.

ISC 08 18:36:14.4-1.1, 19:61N-0:2-93:9E:0:1, h33km, mb3.4/4, Error ellipse: s-maj=27.3km s-min=10.1km az=27.2, IDC 08 18:36:19.0-7.3, 19:61N-94:04E, h58km, 62km, mb3.2/4, mb1 3.4/5, mb1mx3.0/70, mbmtpr3.4/5, ML3.4/1, MS2.3/1, Ms1 2.5/1, ms1mx2.2/28, Error ellipse: s-maj=72.3km s-min=18.9km az=53.0, ISC 08 18:36:16.7±1.4, 19:77N-0:2-93:9E:0:1, h35km, n10, 1921/12, mb3.4/4, Myanmar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include DZM, Mont Dzumac, WRA, Warramunga Arr, etc.

MAN 08 17:28:37.10:19N-123:26E, h0km, mb3.9, ML2.7, MS2.3, 1C, Cebu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LLP, Lapu-Lapu, GUIM, Jordan, etc.

MAN 08 17:56:43, 20:19N-123:22E, h3km, mb4.2, ML3.0, MS2.8, 2C-2D, Cebu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LLP, Lapu-Lapu, GUIM, Jordan, etc.

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

ISC/JB 08 18:36:14.4-1.1, 19:61N-0:2-93:9E:0:1, h33km, mb3.4/4, Error ellipse: s-maj=27.3km s-min=10.1km az=27.2, IDC 08 18:36:19.0-7.3, 19:61N-94:04E, h58km, 62km, mb3.2/4, mb1 3.4/5, mb1mx3.0/70, mbmtpr3.4/5, ML3.4/1, MS2.3/1, Ms1 2.5/1, ms1mx2.2/28, Error ellipse: s-maj=72.3km s-min=18.9km az=53.0, ISC 08 18:36:16.7±1.4, 19:77N-0:2-93:9E:0:1, h35km, n10, 1921/12, mb3.4/4, Myanmar

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

ARCES ARCESS Array B 2.98 35 Pn Sn 18 30 04.9 +0.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ARAO, ARCESS Array S, ARAO, ARCESS Array S, etc.

AREO ARCESS Array S 2.98 35 Pn Sn 18 30 04.5 0.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include AROU, Oulu, OUF, Meriharvi, etc.

AREO ARCESS Array S 2.98 35 Pn Sn 18 30 04.5 0.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include FIAO, FINESS Array S, FIAO, FINESS Array S, etc.

NOA NORRESS Array B 7.40 218 Pn Sn 18 31 06.6 +1.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include NRAO, NORESS Array S, NRAO, NORESS Array S, etc.

NRAO NORESS Array S 7.59 216 Sn Sn 18 32 30.1 -4.2

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

HFS Hagfors 7.71 207 Pn Sn 18 31 07.8 -1.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CHMT, Chiang Mai, CMAI, Chiangmai, etc.

CHMT Chiang Mai 4.81 100 Pn Sn 18 37 27.2 +0.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PHRA, Phrae, PBKT, Sadao Pong, etc.

PHRA Phrae 6.07 100 Pn Sn 18 39 44.4 +0.4

IDC 08 18:43:21.4-0.9, 9:97N-123:31E, h0km, mb3.6/10, MS2.9/2, mb1 3.0/2, ms1mx3.5/63, mbmtpr3.6/10, MS2.9/2, s-min=14.4km az=69.0, ISC/JB 08 18:43:22.9-5.1, 9:91N-0:04-123:18E:0:06, h17km, mb3.6/9, MS2.6/1, Error ellipse: s-maj=8.5km s-min=6.2km az=6.5, ISC 08 18:43:23.6-7.0, 9:94N-0:04-123:29E:0:08, h16km, n16,

8d 19h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Sibulan, Lapu-Lapu, Dipolog City, etc.

NIED 08 18:49:00,39.40N,143.70E,h8km,Mw3.5 Best double couple: M0.198000,1014 NP1.38138,00000,853.000000,130.000000...

ISC/JB 08 18:49:20.9,0.8,39.37N,143.69E,h8km,Mw3.5,mb3.4/6,Error ellipse: s-maj=10.1km s-min=5.1km az=47.0

ISC 08 18:49:20.6,1.3,39.29N,143.72E,h0km,mb3.5/6,mb1.3/9,mb1mx3.4/67,mbtmp3.5/9,ML3.0/3,Error ellipse: s-maj=28.6km s-min=23.3km az=89.0

JMA 08 18:49:23.7,0.2,39.39N,143.66E,h46km,M3.7,ISC 08 18:49:22.3,1.1,39.40N,143.67E,h0.09,1h1km,n25,r15/28,mb3.4/6,Off east coast of Honshu

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

ISC 08 19:04:31.3,1.1,10.21N,123.63E,h0km,mb3.8/9,mb1.3/9,mb1mx3.7/59,mbtmp3.8/9,MS3.7/3,ms1.3/7,ms1mx2.8/63,Error ellipse: s-maj=56.1km s-min=16.2km az=68.0

ISC/JB 08 19:04:33.9,0.5,10.13N,123.63E,h0km,mb3.7/8,MS3.2/5,Error ellipse: s-maj=6.9km s-min=5.2km az=1.8

ISC 08 19:04:34.1,0.7,10.10N,123.41E,0.05,h17km,n22,r05/63/19,mb3.7/8,MS3.0/5,4C-3D,Cebu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Lapu-Lapu, Sibulan, Dipolog City, etc.

TRN 08 19:18:58.9,10.82N,62.24W,h82km,MD3.6,1C,Near coast of Venezuela

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Chacachacare, Trinidad (W), Trin.

2012 FEB

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Pointe-a-Pierre, Grand Hill, Greenville, etc.

NIED 08 19:22:00,41.20N,140.30E,h165km,Mw4.2 Best double couple: M2.37000,1015 NP1.339,339.00000,857.000000,lambda-22.000000, NP2.81.00000,lambda-145.000000,lambda-145.000000

ISC/JB 08 19:22:27.9,0.2,41.25N,140.02E,140.36E,0.04,h165km,1km,mb4.3/73,Error ellipse: s-maj=5.1km s-min=3.2km az=22.3

MOS 08 19:22:28.3,0.8,41.26N,140.32E,h169km,mb4.5/25,Error ellipse: s-maj=7.3km s-min=5.1km az=99.4

IDC 08 19:22:28.9,0.6,41.26N,140.28E,h157km,5km,mb3.9/30,mb1.4/0,37,ms1mx2.5/67,mbtmp4.3/37,MS3.0/2,ms1.0/2,ms1mx2.5/67,Error ellipse: s-maj=11.2km s-min=7.4km az=124.0

NEIC 08 19:22:29.1,0.2,41.28N,140.27E,mb4.6/15,Error ellipse: s-maj=4.9km s-min=3.4km az=127.0

NEIC Recorded [1] JMA in Aomori, Honshu. JMA 08 19:22:29.7,0.1,41.24N,140.29E,h153km,1km,M4.2 Broadband fault plane solution: P waves. NP1: lambda-76.00000,lambda-141.00000, NP2: lambda-333.00000,lambda-21.00000, Principal axes: T P13.00000, Azm200.00000, N P148.00000, Azm95.00000, P P139.00000, Azm301.00000

JMA 08 19:22:29.9,0.5,41.23N,140.36E,0.05,h163km,3km,ISC 08 19:22:29.9,0.5,41.23N,140.36E,0.05,h163km,3km,h163km,pP,N197,r105/233,mb4.4/73,16C-18D, Hokkaido region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Shiura 2, Shiruichi, Ohata, etc.

ASAJ 18m,0.3s,baz=128,slow=19,SNR=2.8

YUK comp=N,168nm,0.2s

YUK comp=Z,921nm,0.2s

YUK comp=E,18m,0.1s

YUK comp=N,1um,0.4s

YUK comp=E,883nm,0.4s

MJB9 Matsu-Tunnel 4.96 200 ePn Pn 19 23 42.7 +0.5

MAJ Matushiro 4.97 200 iP Pn 19 23 43.0 +0.9

MAJ Matsuhiro 4.97 200 ePn Pn 19 23 42.8 +0.6

MAT Matsuhiro 4.97 200 P Pn 19 23 42.3 +0.2

MJAR Matushiro Arr 4.97 200 P Pn 19 23 43.1 +0.2

MJAR comp=Z,8.7nm,0.3s,baz=9.1,slow=14,SNR=38

MJAR LR 19 25 35.5

SHO comp=Z,49m,21.2s,baz=250,slow=37

SHO 4.56 590 iS Sn 19 23 47.1 -1.4

SHO 19 24 44.9 -6.0

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

comp=N,0.0nm,0.3s,baz=147,slow=12,SNR=12

comp=N,26nm,0.8s

comp=E,21nm,0.8s

comp=Z,31nm,0.8s

comp=Z,12nm,0.7s

comp=Z,12nm,0.7s

comp=Z,3.0nm,0.6s

comp=Z,4.0nm,1.4s

comp=Z,2.0nm,0.9s

comp=Z,1.0nm,0.3s,baz=152,slow=11,SNR=5.9

comp=Z,6.0nm,2.6s

comp=Z,2.0nm,0.5s,baz=89,slow=8.8,SNR=49

comp=Z,2.4nm,0.5s,baz=102,slow=2.5,SNR=7.7

comp=Z,1.0nm,0.6s,baz=52,slow=19,SNR=5.9

comp=Z,2.4nm,0.6s,baz=85,slow=5.5,SNR=5.2

comp=Z,8.0nm,1.1s

comp=Z,7.7nm,1.1s

comp=Z,2.4nm,0.7s,baz=84,slow=9.8,SNR=199

comp=Z,0.2nm,0.6s,baz=85,slow=5.5,SNR=5.2

comp=Z,20nm,0.6s

comp=Z,151nm,0.8s

comp=Z,24nm,0.8s

comp=Z,24nm,0.8s

comp=Z,2.4nm,0.7s

comp=Z,2.4nm,0.6s,baz=80,slow=8.8,SNR=131

comp=Z,0.8nm,0.5s,baz=90,slow=2.7,SNR=4.1

comp=Z,1.6nm,0.9s

comp=Z,2.4nm,1.1s,baz=252,slow=19,SNR=3.2

comp=Z,2.4nm,0.8s,baz=45,slow=6.5,SNR=14

comp=Z,2.6nm,0.8s

comp=Z,25nm,0.8s

comp=Z,2.28nm,18.0s,baz=52,slow=40

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BVA0, BRVK, DANN, KOLN, etc.

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

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like BUY, BUI, BUD, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like BCAM, NVR, NVR, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other parameters. Includes stations like DZM, DZM, DZM, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like WRA, WRA, WRA, etc.

ellipse: s-maj=18.7km s-min=10.1km az=124.0

ISCJB 08/20:48.2,0.8,15:22S:070:168:0E:0.1,h36km

mb4.5/15,MS3.3/4,Error ellipse: s-maj=19.2km

s-min=9.1km az=10.7

ISC 08/20:49.6,0.9,15:14S:009:168:1E:0.2,h36km,m26,

o592/26,mb4.5/14,MS3.3/4,Vanuatu Islands

Eidsvold 18.93 235 eP

Code Station Name Az AzZ Phase ID Time Res

DZM Mont Dzumac 7.07 193 Ph IS

5.6nm,0.3s,baz=30,slow=7.2,SNR=4.0

DZM 6.4nm,0.3s,baz=312,slow=21,SNR=8.2

DZM comp=2.172nm,19.5s,baz=18,slow=35

DZM Mont Dzumac 7.07 193 eP

DZM comp=2.172nm,19.5s,baz=18,slow=35

DZM Mont Dzumac 7.07 193 eP

DZM comp=2.172nm,19.5s,baz=18,slow=35

DZM comp=2.172nm,19.5s,baz=18,slow=35

DZM comp=2.172nm,19.5s,baz=18,slow=35

DZM comp=2.172nm,19.5s,baz=18,slow=35

DZM comp=2.172nm,19.5s,baz=18,slow=35

DZM comp=2.172nm,19.5s,baz=18,slow=35

DZM comp=2.172nm,19.5s,baz=18,slow=35

DZM comp=2.172nm,19.5s,baz=18,slow=35

DZM comp=2.172nm,19.5s,baz=18,slow=35

DZM comp=2.172nm,19.5s,baz=18,slow=35

DZM comp=2.172nm,19.5s,baz=18,slow=35

DZM comp=2.172nm,19.5s,baz=18,slow=35

DZM comp=2.172nm,19.5s,baz=18,slow=35

DZM comp=2.172nm,19.5s,baz=18,slow=35

DZM comp=2.172nm,19.5s,baz=18,slow=35

DZM comp=2.172nm,19.5s,baz=18,slow=35

DZM comp=2.172nm,19.5s,baz=18,slow=35

DZM comp=2.172nm,19.5s,baz=18,slow=35

DZM comp=2.172nm,19.5s,baz=18,slow=35

DZM comp=2.172nm,19.5s,baz=18,slow=35

DZM comp=2.172nm,19.5s,baz=18,slow=35

DZM comp=2.172nm,19.5s,baz=18,slow=35

DZM comp=2.172nm,19.5s,baz=18,slow=35

DZM comp=2.172nm,19.5s,baz=18,slow=35

DZM comp=2.172nm,19.5s,baz=18,slow=35

DZM comp=2.172nm,19.5s,baz=18,slow=35

DZM comp=2.172nm,19.5s,baz=18,slow=35

DZM comp=2.172nm,19.5s,baz=18,slow=35

DZM comp=2.172nm,19.5s,baz=18,slow=35

DZM comp=2.172nm,19.5s,baz=18,slow=35

DZM comp=2.172nm,19.5s,baz=18,slow=35

DZM comp=2.172nm,19.5s,baz=18,slow=35

DZM comp=2.172nm,19.5s,baz=18,slow=35

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like RAGZ Rawiri, WHZ Whakaora, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MTW Mount Morrison, CAW Cannon Point, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like JOU Okura, JOK Kawauchi, etc.

8d 22h

Table of station data for 8d 22h, including columns for station name, coordinates, and various parameters like SNR and error rates.

102 FEB

Main table of station data for 102 FEB, including columns for station name, coordinates, and various parameters like SNR and error rates.

496

Table of station data for 496, including columns for station name, coordinates, and various parameters like SNR and error rates.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CUALT, ATAB, CUSAR, HEKIM, etc.

IDC 08 23:17:39.4.4.1, 2.88S-138.74E, h0km, mb3.4/2, mb1 3.5/4, mb1mx3.3/39, mbtmp3.4/4, ML3.5/2, Error ellipse: s-maj=137.2km s-min=31.0km az=89.0, lrian Jaya

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

ISCJB 08 23:23:33.0.0.4, 37.64N-0103.36E, h2km, 6km, Error ellipse: s-maj=4.5km s-min=3.3km az=22.7, DDA 08 23:23:32.7, 37.64N-36.14E, h7km, ML2.8

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

MAN 09 00:07:26.9, 386N-123.01E, h32km, mb4.4, ML3.2, MS3.0, 2C-3D, Negros

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

SJA 09 00:16:42.2.0.6, 31.48S-68.42W, h102km, 4km, ML2.3, MW3.5, San Juan Province

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

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

CSEM 08 23:42:34.9.0.2, 39.89N-36.32E, h10km, MD2.7, Error ellipse: s-maj=5.1km s-min=3.9km az=149.0, ISK 08 23:42:34.1, 39.92N-36.32E, h5km, ML2.2/2

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

IDC 08 23:58:40.0.1.1, 55.29S-25.63W, h0km, mb4.1/4, mb1 4.2/5, mb1mx3.8/32, mbtmp4.1/5, ML4.0/1, MS3.4/1

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

MAN 09 00:12:21.9, 99N-123.16E, h32km, mb4.0, ML2.7, MS2.3, 2C, Negros

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

TRN 09 00:41:36.6, 17.28N-61.67W, h17km, MD3.6, 1C-2D, Leeward Islands

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

ISCJB 09 00:24:50.1.0.7, 47.1N-01.153E, 0.2, h100km, mb3.5/7, Error ellipse: s-maj=21.9km s-min=4.5km az=137.7, MOS 09 00:24:52.7, 1.4, 47.49N-153.00E, h116km, mb4.2/2, Error ellipse: s-maj=37.5km s-min=11.3km az=57.7

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

ISC 09 00:24:51.4.0.8, 47.1N-01.153E, 0.1, h100km, n36, e237/41, mb3.4/7, 1D, Kuril Islands

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

NEM2 Nemuro 2, 6.55 238 P, 6.63 23 P, Petropavlovsk- Ustorsk

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

IDC 09 00:33:12.8.6.0, 6.13S-150.86E, h140km, 48km, mb2.8/3, mb1 3.0/4, mb1mx2.9/44, mbtmp3.3/4, Error ellipse: s-maj=163.9km s-min=34.2km az=126.0, New Britain region

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

MAN 09 00:21:39.9, 95N-123.05E, h32km, mb4.0, ML2.8, MS2.4, 1C-1D, Negros

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

SKHL 09 00:24:47.2.1.0, 46.62N-154.19E, h71km, 5km, mb4.7/4

Table with columns: MDMP, BBL, DLPL, PCIM, FDF, FDF, ZAM, LPMF, TRMF, MVM. Includes station names like Dominica, Moor, Barber's Block, La Plaine, Pelée, Fort de France, Aeronautique, Morne Lapointe, Trois llets, Montagne Vaul.

NEIC 09 01:03:41.3±1.0, 3.62N, 125.67E, h61km, 10km, mb3.4/10, Error ellipse: s-maj=15.4km s-min=6.7km az=74.0

ISCJBJ 09 01:03:42.6±0.3, 3.74N, 126.07E, h70km, 38km, mb3.8/14, mb1 3.9/15, mb1mx3.7/45, mbtmp4.1/15, ML2.2/1, MS3.0/1, Ms1 3.0/1, ms1mx2.3/45, Error ellipse: s-maj=35.0km s-min=12.6km az=81.0

ISCJBJ 09 01:03:43.1±0.3, 3.67N, 126.06E, 0.05, h100km, mb4.1/22, Error ellipse: s-maj=7.1km s-min=3.8km az=156.2

DJA 09 01:03:44.6±0.9, 4.1N, 8.12E, h48km, 13km, M4.6/6, mb4.8/3, mB5.5/3, MLV4.6/6, Mw(B)5.0/3

ISC 09 01:03:44.8±0.5, 3.66N, 126.04E, 0.07, h100km, m56, az=254/103, mb4.1/22, 10, Taloud Islands

Main table listing stations (SGSI, GSFP, TNTI, DAV, etc.), station names, coordinates, and various parameters like Op, ISC, Time, Res, h, m, s, ISC.

ISC 09 01:06:14.6±6.7, 18.43S, 67.59W, h40km, 38km, mb3.0/2, mb1 3.2/3, mb1mx2.9/36, mbtmp3.4/3, Error ellipse: s-maj=106.9km s-min=45.8km az=25.0, Central Bolivia

Table listing stations (LPAZ, TORO, YKA) and station names (La Paz, Torodi Arr, Yellowknife Arr) with coordinates and parameters.

ISC 09 01:06:52.7±3.0, 5.03S, 133.55E, h0km, mb3.7/1, mb1 4.2/5, mb1mx2.9/36, mbtmp4.0/5, ML3.7/4, MS3.3/3, Ms1 3.3/3, ms1mx2.8/38, Error ellipse: s-maj=123.2km s-min=25.1km az=80.0, Aru Islands region

Table listing stations (SIJI, WRA) and station names (Sorong, Warramunga Arr) with coordinates and parameters.

Table listing stations (WRA, FITZ, ASAR, ASAR, ASAR, JOW, MKAR) and station names (Warramunga Arr, Fitzroy Cross, Alice Springs, Alice Springs, Alice Springs, Kunigami, Malanchi Arr) with coordinates and parameters.

THE 09 01:18:47.7, 36.13N, 27.53E, h3km, 2km, ML2.9/4, Error ellipse: s-maj=2.5km s-min=0.8km az=132.0

ISCJBJ 09 01:18:48.3±0.6, 36.12N, 127.50E, 0.04, h7km, 5km, Error ellipse: s-maj=5.7km s-min=3.5km az=38.5

CSEM 09 01:18:48.6±0.2, 36.12N, 27.50E, h5km, ML2.7, Error ellipse: s-maj=6.4km s-min=4.1km az=129.0

ISK 09 01:18:48.4, 36.15N, 27.47E, h9km, ML3.1/6, Error ellipse: s-maj=8.7km s-min=1.0km az=123.0

DDA 09 01:18:51.8, 36.27N, 27.62E, h40km, ML2.9, Error ellipse: s-maj=8.7km s-min=1.0km az=123.0

ISC 09 01:18:48.0±1.1, 36.10N, 127.57E, 0.03, h11km, 10km, n53, az=77/77, Dodecanese Islands

Main table listing stations (Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC) for the Dodecanese Islands region.

MOS 09 01:20:17.8±0.4, 44.25N, 148.74E, h30km, mb4.2/1, Error ellipse: s-maj=36.5km s-min=20.6km az=174.4

JMA 09 01:20:21.9±0.3, 44.05N, 148.10E, h0km, M4.3, Error ellipse: s-maj=35.0km s-min=10.1km az=148.2E, 0.2, h3km, 15km, n15, az=107/23, 3D, Kuril Islands

Table listing stations (Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC) for the Kuril Islands region.

Table listing stations (YUK, LAGR, LAGR, GRPR, GLVR, NEM2, NEM2, JRA, Rausu, Nakash, JNK, JAK, Akkeshi, JAK, JAK, Ashorobuto, JCH, Urakawa-nobuka, JKB, Kayabe, JKB, JOT, Ohata) with coordinates and parameters.

DDA 09 01:36:02.6±1.2, 38.93N, 43.97E, h7km, ML2.6, Error ellipse: s-maj=17.2km s-min=10.1km az=124.0

ISC 09 01:36:02.6±1.2, 38.93N, 43.97E, h7km, ML2.6, Error ellipse: s-maj=17.2km s-min=10.1km az=124.0

ISC 09 01:36:02.6±1.2, 38.93N, 43.97E, h7km, ML2.6, Error ellipse: s-maj=17.2km s-min=10.1km az=124.0

Table listing stations (Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC) for the Turkey region.

ISCJBJ 09 01:46:30.7±0.8, 7.51S, 128.59E, 0.08, h151km, mb3.5/4, Error ellipse: s-maj=12.2km s-min=8.3km

ISC 09 01:46:30.7±0.8, 7.51S, 128.59E, 0.08, h151km, mb3.5/4, Error ellipse: s-maj=12.2km s-min=8.3km

ISC 09 01:46:32.2±1.1, 7.65S, 128.70E, 0.1, h151km, m7, az=334/10, mb3.5/4, Banda Sea

Table listing stations (Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC) for the Banda Sea region.

ISC 09 01:48:30.8, 36.83N, 28.03E, h70km, ML2.8/4, Error ellipse: s-maj=16.4km s-min=8.8km az=3.0, Suspected Mining explosion

DDA 09 01:48:36.3, 37.08N, 28.07E, h7km, Md2.8, Suspected Mining explosion

ISC 09 01:48:29.2±1.3, 36.81N, 28.06E, 0.03, h1km, 14km, n18, az=124/37, Dodecanese Islands

Main table listing stations (Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC) for the Dodecanese Islands region.

ISC 09 01:48:48.8, 38.71N, 43.20E, h5km, ML2.4/5, Error ellipse: s-maj=4.8km s-min=4.7km az=13.5

CSEM 09 01:48:50.2±0.2, 38.71N, 43.20E, h12km, ML2.4, Error ellipse: s-maj=6.1km s-min=4.6km az=129.0

DDA 09 01:48:50.5, 38.70N, 43.20E, h7km, ML2.7, Error ellipse: s-maj=6.1km s-min=4.6km az=129.0

Table listing stations (Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC) for the Turkey region.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include TVAN Van, ERVAN ERICIS-VAN, ERVAV ERICIS-VAN, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include YBH Yreka Blue Hor, LPAZ La Paz, YKA Yellowknife Ar, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include CEME Cevo, CEME Cevo, FNA Florina, etc.

IDC 09 02:35:50.6±1.7, 5.41S±1.40, 77E, h0km, mb3.6/3, mb1 3.7/6, mb1mx3.5/4.5, mbtmp3.5/6, ML3.4/3, MS4.0/5, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include MAN 09 01:52:21, 10.31N±123.21E, h3km, mb3.7, ML2.4, MS1.8, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, etc.

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

IDC 09 02:13:02.4±1.0, 17.74S±166.87E, h0km, mb3.7/3, mb1 3.9/4, mb1mx3.5/4.5, mbtmp3.7/4, ML3.5/1, MS3.5/1, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include LLP Lapu-Lapu, SNPH Sibulan, SNPH SNPH, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include TIR 09 02:36:14.0±4.4, 41.78N±20.28E, h40km, 19km, ML2.8, etc.

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

IDC 09 02:20:38.1±1.5, 15.26N±93.62W, h0km, mb3.8/7, mb1 4.0/9, mb1mx3.7/5.2, mbtmp3.8/9, ML3.8/2, MS3.0/5, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include DZM Mont Dzumac, DZM DZM, RAO Raoul Island, etc.

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

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

NEIC 09 02:20:42.0±0.0, 14.156N±94.25W, h12km, mb4.3/24, MD4.2(MEX), After MEX

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include PCIG Comitan, TGIG Comitan, TGIG Comitan, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include KZN Kozani, KPRO Kiproirio, KPRO Kiproirio, etc.

Table with columns: LAKA, LAKA, 3.10 281 P Pn, 02 51 53.4 +1.3, etc.

DJA 09 03:00:45.6:1.3,0.5:7*12.0E*, h43km=16km, M3.6/4, MLV3.6/4, Minahasa Peninsula, Sulawesi

IDC 09 03:05:36.8:5.8, 48:28N:153:21E, h78km=51km, mb3.1/9, mb1 3.5/10, mb1mx3.2/68, mbtmp3.5/10, MLS.1/1, MS3.9/1, Ms1 3.9/1, ms1mx2.8/20, Error ellipse: s-maj=30.9km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like MA2 Magadan, H1N2 WAKE ISLAND, etc.

IDC 09 03:06:08.0:1.3, 7:41N:91:98E, h0km, mb3.7/8, mb1 3.9/9, mb1mx3.5/68, mbtmp3.7/9, M4.5/1, MS4.2/2, Ms1 4.2/2, ms1mx3.1/66, Error ellipse: s-maj=46.9km s-min=19.5km az=56.0

IDC 09 03:06:10.0:1.0, 7:5N:10:1.92:1E:0:2, h24km, mb3.7/8, MS4.3/2, Error ellipse: s-maj=26.3km s-min=16.6km az=150.0

IDC 09 03:06:11.8:1.3, 7:4N:02:92:0E:0:2, h24km, n14, c1926/9, mb3.8/8, Nicobar Islands

IDC 09 03:09:57.0:1.2, 9:77N:123:45E, h0km, mb3.6/5, mb1 3.6/5, mb1mx3.4/57, mbtmp3.6/5, Error ellipse: s-maj=66.4km s-min=20.5km az=62.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like SNPH Sibulan, LLLP Lapu-Lapu, GUIM Jordan, etc.

IDC 09 03:42:45.6:1.3, 9:83N:123:16E, h0km, mb3.2/5, mb1 3.4/5, mb1mx3.2/62, mbtmp3.2/5, Error ellipse: s-maj=154.5km s-min=19.9km az=67.0

IDC 09 03:42:47.2:1.3, 9:92N:103:123:27E:0:0, h14km=10km, n21, c172/28, mb3.6/5, 3C-3D, Negros

s-min=5.4km az=155.6
MAN 09 03:42:47.10:0.9N:123:24E, h17km, mb4.8, ML3.7, MS3.6
ISC 09 03:42:46.5:1.3, 9:98N:0:04:123:28E:0:0, h6km=10km, n16, c097/22, mb3.5/5, 4C-3D, Negros

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like SNPH Sibulan, TBP Tagbilaran, LLLP Lapu-Lapu, etc.

IDC 09 03:50:44.3:3.8:89S:110:25E, h0km, mb3.5/4, mb1 3.5/5, mb1mx3.3/64, mbtmp3.5/5, ML3.2/1, Error ellipse: s-maj=172.6km s-min=23.2km az=50.0

DJA 09 03:50:57.1:1.1, 9:56:11.1E:1, h24km=9km, M3.3/4, MLV3.3/4

IDC 09 03:50:51.5:1.3, 9:18S:0:10:110:4E:0:1, h51km, n9, c213/12, mb3.6/4, South of Java

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like PCJ1 Pacitan, PCJ2 Pacitan, UGM Wanagama, etc.

IDC 09 03:51:58.9:1.7, 3:25S:131:30E, h0km, mb3.6/2, mb1 3.7/5, mb1mx3.5/59, mbtmp3.6/5, ML3.4/3, Error ellipse: s-maj=88.1km s-min=19.9km az=85.0, Irian

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like SUI Sorong, SUI Sorong, FITZ Fitzroy Crossi, etc.

JMA 09 03:55:07.8:0.2, 3:153N:131:84E, h10km=3km, M1.4, Kyushu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like JNAR Kushima-Naru, JNAR Kushima-Naru, JTZ Takasaki, etc.

NIED 09 03:55:00.31:50N:131:90E, h20km, Mw4.8 Best double couple: M1.90000:1016 NP1=178.00000, delta.00000, lambda.200000, NP2=40.00000, delta.6800000, lambda.109.00000

BUI 09 03:55:12.4, 3:13N:132:39E, h45km, mb4.8/57, MB5.0/45, Ms4.7/50, Ms7.4/68

IDC 09 03:55:17.2:0.2, 3:145N:0:03:131:76E:0:0, h31km, mb4.7/84, MS4.4/21, Error ellipse: s-maj=3.9km s-min=3.1km az=161.0

JMA 09 03:55:19.7:0.1, 3:151N:131:83E, h22km=1km, M4.6 Broadband fault plane solution: P waves: NP1: p=30.00000, delta.87.00000, lambda.84.00000, NP2: p=278.00000, delta.00000, lambda.157.00000, Principal axes: T P1g47.00000, Azm294.00000, N P1g6.00000, Azm31.00000; P P1g42.00000, Azm126.00000

JMA Felt III J1
IDC 09 03:55:19.1:0.6, 3:157N:131:46E, h29km=3km, mb4.3/32, mb1 4.4/35, mb1mx4.2/76, mbtmp4.5/35, ML3.7/3, MS4.3/37, Ms1 4.3/37, ms1mx4.1/71 Error ellipse: s-maj=13.7km s-min=10.7km az=112.0

NEIC 09 03:55:19.9:1.3, 3:151N:131:50E, h35km=9km, mb4.8/44, Error ellipse: s-maj=5.3km s-min=4.1km az=140.0
NEIC Felt at Miyazaki. Recorded [3 JMA] in Miyazaki.

IDC 09 03:55:18.8:0.5, 3:151N:0:03:131:73E:0:0, h30km=3km, h30km:PP-P, n226, c1983/246, mb4.7/88, MS4.5/42, 12C-6D, Kyushu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like JNAR Kushima-Naru, JTZ Takasaki, JTSN Tashiro, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like KS15 Wonju Array Si, KS15 Wonju Array Be, KSAR Wonju Array Si, etc.

Table with columns for station ID, name, frequency, and various signal quality metrics (LR, P, S, etc.). Includes stations like LZH Chengdu, ULN Ulaanbaatar, and many others.

Table with columns for station ID, name, frequency, and various signal quality metrics. Includes stations like KSH, BRVK Borovoye, and many others.

Table with columns for station ID, name, frequency, and various signal quality metrics. Includes stations like SIRR Siria, MORC Moravsky Berou, and many others.

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Resolution. Includes stations like JHO Hitachi, ONAJI Iwakimizuishiyu, etc.

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Resolution. Includes stations like ISCB, IDC, and ISCO.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AKTO Aktyubinsk, AAK Ala-Archa, ARU Art, etc.

ISCJB 09 04:26:11.3,0.6,37.68N,0.03:25.85E,0.03,h4km,5km, Error ellipse: s-maj=4.9km s-min=3.2km az=157.5

ATH 09 04:26:11.3,37.67N,25.82E,h16km,2km,ML2,5/5, Error ellipse: s-maj=3.1km s-min=0.9km az=119.0

ISK 09 04:26:11.1,37.66N,25.86E,h10km,ML3,0/5 CSEM 09 04:26:12.0,0.2,37.69N,25.87E,h10km,ML2,5, Error ellipse: s-maj=6.0km s-min=4.2km az=154.0

DDA 09 04:26:12.2,37.70N,25.91E,h8km,ML2,9 Error ellipse: s-maj=11.3,1.1,37.78N,0.02:25.85E,0.02,h8km,10km, n14,4,068073, Dodecanese Islands

Main table for the first section with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like APE Apeiranthos, CHOS Chios island, etc.

ISC 09 04:31:53.8,6.6,55.41N,86.23E,h0km,mb1 2.8/2, mb1mx2.6/7.8,mbtmp2.8/2,ML2,5/2, Error ellipse: s-maj=68.0km s-min=25.7km az=31.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

CSEM 09 04:33:59.6,0.4,38.65N,43.66E,h23km,2km,ML2,5, Error ellipse: s-maj=10.3km s-min=4.0km az=130.0

ISK 09 04:34:00.6,38.71N,43.51E,h18km,ML2,5/3 DDA 09 04:34:00.3,38.71N,43.56E,h7km,ML2,6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VANB Van, CLDR Caldiran, etc.

IDC 09 04:37:20.2,2.0,15.29N,93.95W,h0km,mb3.4/4, mb1 3.7/7,mb1mx3.5/5.9,mbtmp3.4/7,ML3,3/3,MS2,9/2, Ms1 2.9/2,ms1mx2.6/3.0, Error ellipse: s-maj=9.0,1.9km s-min=19.1km az=55.0

MEX 09 04:37:23.4,0.7,14.74N,94.14W,h10km,MD4,1 Error ellipse: s-maj=37.2,3.1,2.15,0N,0.1:94.16W,0.08,h33km,n11, 0.158/13,mb3.4/4,Near coast of Oaxaca

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

ISCJB 09 04:41:41.1,0.8,4.21S,0.0:4.133,78E,0.07,h10km, mb3.8/1, Error ellipse: s-maj=9.6km s-min=5.8km az=168.1

IDC 09 04:41:42.6,2.4,15.5S,133.99E,h0km,mb3.8/1, mb1 3.9/3,mb1mx3.4/5.3,mbtmp3.7/3,ML3,7/2,MS3,3/1, Ms1 3.3/1,ms1mx2.5/4.5, Error ellipse: s-maj=35.3km s-min=30.4km az=77.0

DJA 09 04:41:46.2,0.4,4.3S,3.134E, h10km,ML4,5/6,mb4,9/2, mb4.5/6,MLV4,5/6,MW(mb)B,2/2

ISC 09 04:40.9,1.3,4.19S,0.06:133.97E,0.10,h10km,n10, 0.3512/15,Irian Jaya region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KMPI Kaimana, FAKI Fak Fak, etc.

IDC 09 04:46:49.2,54.0,13.66S,167.29E,h0km,mb3.7/3, mb1 3.8/4,mb1mx3.5/5.0,mbtmp3.7/4,ML3,6/1, Error ellipse: s-maj=914.6km s-min=53.2km az=58.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZM Mont Dumzak, STKA Stephens Creek, etc.

IDC 09 04:48:44.5,1.5,18.04S,167.42E,h0km,mb4.2/7, mb1 4.4/8,mb1mx4.0/4.4,mbtmp4.2/8,ML4,1/1,MS3,2/5, Ms1 3.3/5,ms1mx3.0/4.4, Error ellipse: s-maj=40.9km s-min=21.4km az=119.0

ISC 09 04:48:45.4,1.1,18.51S,0.10:167.8E,0.2,h23km,n19, 0.1948/17,mb4.3/6,MS3,0/4, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZM Mont Dumzak, AFU Afiamalu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, MJAR Matsushiro Arr, etc.

ISCJB 09 04:51:04.9,1.1,28.01S,0.05:69.48W,0.06, h10km,10km, Error ellipse: s-maj=10.0km s-min=7.4km az=41.7

SJA 09 04:51:04.2,0.7,28.00S:69.49W,h112km,10km,ML3,0, MWV3,4

GUC 09 04:51:06.4,0.6,28.13S:69.53W,h82km,9km,ML3,1 Error ellipse: s-maj=10.3,6.2,2.27,96S,0.07:69.47W,0.05, h124km,17km,n14,0.1963:25,2C-1D,North Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GO03 Copiap, CPCH Copiapo, etc.

MEX 09 04:50:08.6,0.5,15.74N,93.93W,h4km,7km,MD3,9, Near coast of Chiapas

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

ISCJB 09 05:07:38.7,0.8,51.42N,0.04:16.10E,0.04,h0km, Error ellipse: s-maj=5.5km s-min=3.2km az=21.3

CSEM 09 05:07:39.6,0.6,51.47N,16.07E,h2km,ML2,5, Error ellipse: s-maj=9.8km s-min=9.8km az=18.0

VIE 09 05:07:40.9,1.0,51.34N:16.17E,h0km,mb2.5/2,ML2,5/5, Error ellipse: s-maj=10.1km s-min=7.4km az=12.0, Suspected Mining induced.

ISC 09 05:07:40.1,1.3,51.47N,0.06:16.09E,0.03,h0km,n32, 0.1913/55, Poland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSP Ksiadz, UPUC Upec, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like STKA, NWAQ, and various regional codes.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NWAQ, SBUU, and various regional codes.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KLR, PET, and various regional codes.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like VVDA, YAK, LSA, ZAK, etc.

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like DJA, TPT, SPT, etc.

9d 6h

NV01	Mina Array Sit	33.33	102	eP	P	06 33 15.3	-0.6
NVAR	Mina Array Bea	33.33	102	P	P	06 33 17.0	+1.1
NVAR	comp=Z,5.5nm,0.7s,baz=301,SNR=5.7			PcP	PcP	06 35 56.0	+0.1
MDPB	Devils Postpil	33.45	103	eP	P	06 33 19.3	+2.3
MDPB	comp=Z,7.1nm,0.8s						
YNR	Norris Junctio	33.67	86	eS	S	06 38 29.5	-2.9
H17A	Grant Village	33.82	87	P	P	06 33 22.6	+1.6
RLMT	Red Lodge	34.24	85	P	P	06 33 24.8	+1.0
RLMT	Red Lodge	34.24	85	eP	P	06 33 25.1	+1.4
YES	Vestal, Richgr	34.73	106	P	P	06 33 28.9	+1.2
CWC	Cottonwood Cre	34.86	104	P	P	06 33 29.7	+0.7
GRAC	Grapevine Rang	34.86	102	P	P	06 33 30.0	+1.0
R11A	Troy Canyon, C	34.92	99	P	P	06 33 30.4	+0.7
YAK	Yakuts	35.02	310	P	P	06 33 29.5	-0.5
LAO	LASA Array	35.08	80	P	P	06 33 31.6	+0.8
LAO	LASA Array	35.08	80	eP	P	06 33 32.3	+1.5
ISA	Isabella, Lake	35.20	105	P	P	06 33 32.8	+0.9
DGMT	Dagmar	35.24	76	P	P	06 33 32.4	+0.3
DAC	Darwin (Calif)	35.25	104	eP	P	06 33 33.8	+1.4
DUG	Dugway, Tooele	35.27	94	P	P	06 33 33.1	+0.5
MPMC	Manual Prospec	35.46	104	P	P	06 33 35.6	+1.2
PD31	Pinedale Array	35.50	88	eP	P	06 33 35.1	+0.5
PDAR	Pinedale Array	35.50	88	P	P	06 33 35.0	+0.4
PDAR	comp=Z,0.6nm,0.5s,baz=296,slow=3.8,SNR=11						
PDAR	Pinedale Array	35.50	88	eP	P	06 33 34.7	+0.1
FURC	Furnace Creek,	35.52	103	P	P	06 33 35.8	+1.3
TPNV	Topopah Spring	35.52	101	P	P	06 33 36.0	+1.2
TPNV	Topopah Spring	35.52	101	eP	P	06 33 36.0	+1.2
LRMC	Laurel Mtn Rad	35.77	105	P	P	06 33 38.0	+1.1
SHOC	Shoshone, Teco	36.26	103	P	P	06 33 41.7	+0.8
GSC	Goldstone, Bar	36.39	104	P	P	06 33 43.0	+0.9
BFSG	Mount Baldy Ra	36.70	106	P	P	06 33 45.5	+0.7
HEC	Hector,Ludlow	37.00	104	P	P	06 33 48.5	+1.2
LCMT	Little Creek M	37.19	98	eP	P	06 33 50.2	+1.2
K2A	Casper	37.32	86	P	P	06 33 50.6	+0.6
GMR2	Granite Mounta	37.41	103	P	P	06 33 51.6	+0.8
BELC	Belle Mtn. Jos	37.80	105	P	P	06 33 54.7	+0.6
RSSD	Black Hills	37.84	82	P	P	06 33 54.8	+0.4
RSSD	Black Hills	37.84	82	eP	P	06 33 54.8	+0.4
O20A	White River Ci	37.94	90	P	P	06 33 55.6	+0.3
O20A	White River Ci	37.94	90	eP	P	06 33 55.6	+0.3
U15A	North Rim	38.14	98	eP	P	06 33 58.3	+1.2
MDND	Maddock	38.15	74	P	P	06 33 57.5	+0.7
IRM	Iron Mountain	38.16	104	P	P	06 33 57.9	+0.9
W13A	Hualapai Mount	38.18	101	eP	P	06 33 58.2	+0.8
PV09	Paradox Valley	38.52	93	eP	P	06 33 55.6	-4.7
PDMC1	Parker Dam,Lak	38.62	102	P	P	06 34 01.3	+0.5
Y12C	Blythe	38.81	103	P	P	06 34 03.2	+0.8
ULM	Lac du Bonnet	38.85	69	P	P	06 34 03.0	+0.4
ULM	comp=Z,4.4nm,0.4s,baz=306,slow=6.7,SNR=22						
B31A	Greenbush Farm	38.91	72	P	P	06 34 03.5	+0.5
PV01	Paradox Valley	39.09	93	P	P	06 34 05.4	+0.3
C31A	Landman Farms,	39.22	73	P	P	06 34 05.8	+0.2
A32A	Rocking H Ranc	39.26	71	P	P	06 34 06.3	+0.3
WUAZ	Wupatki	39.31	98	P	P	06 34 07.4	+0.6
WUAZ	Wupatki	39.31	98	eP	P	06 34 07.7	+0.9
Y14A	Wickenburg	39.52	102	eP	P	06 34 09.2	+0.7
B32A	Ashes, Strandq	39.53	72	P	S	06 40 00.7	-3.9
D31A	McCaffin, Tow	39.66	74	P	P	06 34 08.4	+0.2
ISCO	Idaho Springs	39.68	89	P	P	06 34 09.6	+0.3
MVCO	Mesa Verde	39.77	94	P	P	06 34 10.3	+0.3
A33A	Warroad	39.85	70	P	P	06 34 10.9	0.0
AGMN	Agassiz Nation	39.96	71	P	P	06 34 11.9	+0.1
AGMN	Agassiz Nation	39.96	71	eP	P	06 34 12.2	+0.4
KLR	Kul dur	39.96	290	P	P	06 34 10.6	-1.2
KLR	comp=Z,0.4nm,0.7s,baz=306,slow=8.7,SNR=16						
X16A	Lo Mia Camp,P	40.06	100	eP	P	06 34 11.1	-0.7
F31A	Hecla	40.06	76	P	P	06 34 12.9	+0.1
B33A	Robert and Kas	40.12	71	P	P	06 34 13.2	+0.1
C33A	Trail	40.32	72	P	P	06 34 14.8	0.0
B34A	Aery, Baudette	40.51	70	P	P	06 34 16.4	0.0
D33A	AnnSam, Waubun	40.64	73	P	P	06 34 17.5	0.0
H31A	Wolsey	40.78	78	P	P	06 34 18.8	+0.2
G32A	Webster	40.85	76	P	P	06 34 19.2	-0.1
C34A	RKJ Ranch, Bem	40.85	72	P	P	06 34 19.1	-0.1
E33A	Westby DABS, E	40.93	74	P	P	06 34 19.8	-0.1
OGNE	Ogallala	40.99	84	P	P	06 34 20.6	0.0
D34A	Park Rapids	41.03	72	P	P	06 34 20.5	-0.2
B35A	Bob, Littlefor	41.08	70	P	P	06 34 20.8	-0.3
214A	Organ Pipe Nat	41.10	104	P	P	06 34 22.2	+0.7
SDCO	Great Sand Dun	41.13	91	P	P	06 34 22.3	+0.4
SDCO	Great Sand Dun	41.13	91	eP	P	06 34 22.8	+0.8
F33A	5 Mile Ranch,	41.17	75	P	P	06 34 21.7	-0.1
C35A	Jirik Farms, M	41.33	71	P	P	06 34 23.0	-0.1
H32A	Carlson Farm,	41.35	77	P	P	06 34 23.2	-0.1
J31A	Geddes	41.37	79	P	P	06 34 23.8	+0.3
E34A	Wadena	41.39	73	P	P	06 34 23.7	+0.2
G33A	Ortonville	41.48	76	P	P	06 34 24.2	-0.2

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H33A	Prehn Over Nor	41.63	76	P	P	06 34 25.3	-0.3
D35A	Remer	41.66	72	P	P	06 34 25.8	0.0
E35A	Peot Lakes	41.78	73	P	P	06 34 27.0	+0.2
K31A	O'Neill	41.78	80	P	P	06 34 26.9	0.0
J32A	Parkston	41.82	79	P	P	06 34 26.9	-0.2
G34A	Benson	41.90	75	P	P	06 34 27.6	-0.1
C36A	Pine Crest Far	41.92	70	P	P	06 34 28.1	+0.2
KSCO	Kaye Shedlock'	41.93	87	P	P	06 34 28.8	+0.6
TUC	Tucson	41.98	101	P	P	06 34 29.5	+0.8
MHTCO	State Highway	42.02	91	eP	P	06 34 30.5	+1.4
D36A	Goodland	42.09	71	P	P	06 34 29.5	+0.2
F35A	Swanville	42.11	74	P	P	06 34 29.6	+0.1
T25A	Trinidad	42.18	91	P	P	06 34 30.9	+0.5
ECSO	EROS Data Cent	42.29	77	P	P	06 34 30.3	-0.6
ECSO	EROS Data Cent	42.29	77	eP	P	06 34 30.4	-0.6
C37A	Embarrass	42.29	70	P	P	06 34 31.3	+0.3
D37A	Cotton	42.50	71	P	P	06 34 32.6	-0.1
EYMN	Ely	42.53	69	P	P	06 34 33.3	+0.3
ANMO	Albuquerque	42.53	95	eP	P	06 34 33.0	0.0
ANMO	Albuquerque	42.53	95	eP	P	06 34 35.7	+2.4
G35A	Watkins	42.55	74	P	P	06 34 33.4	+0.3
H35A	Sunnyside Ranc	42.69	75	P	P	06 34 33.9	-0.3
F36A	Mills	42.69	73	P	P	06 34 33.7	-0.5
K33A	Hardington	42.79	79	P	P	06 34 35.5	+0.4
L33A	Hoskins	42.92	80	P	P	06 34 36.2	+0.1
I35A	Creekview Farm	43.13	76	P	P	06 34 37.2	-0.6
K34A	Le Mars	43.25	78	P	P	06 34 38.8	0.0
H36A	Jessenland, He	43.26	75	P	P	06 34 39.3	+0.5
F37A	Hinrichs Farm,	43.27	73	P	P	06 34 39.0	+0.1
E38A	The Farm, Brul	43.31	71	P	P	06 34 39.2	0.0
J35A	Milford	43.31	77	P	P	06 34 39.3	0.0
M33A	Taylor Creek F	43.35	80	P	P	06 34 39.7	+0.1
SPMN	Marine on St.	43.48	73	P	P	06 34 40.6	+0.1
121A	Coccos Peak, D	43.52	98	P	P	06 34 41.6	+0.3
F38A	Pierce - Schro	43.53	72	P	P	06 34 41.5	+0.5
I36A	Fitzsimmons Fa	43.57	75	P	P	06 34 41.0	-0.2
K35A	Storm Lake	43.71	78	P	P	06 34 42.4	-0.1
J36A	Seneca 1, Swea	43.83	76	P	P	06 34 43.1	-0.3
I37A	Lemond, Waseca	43.91	75	P	P	06 34 44.0	-0.1
G38A	Ridgeland	44.04	73	P	P	06 34 44.7	-0.4
O33A	Helton	44.11	82	P	P	06 34 45.2	-0.5
H38A	Maiden Rock	44.12	73	P	P	06 34 45.6	0.0
K36A	Gilmore City	44.21	77	P	P	06 34 46.0	-0.4
N34A	Lincoln	44.22	81	P	P	06 34 46.4	-0.2
M35A	Neola	44.27	79	P	P	06 34 46.8	-0.1
J37A	Redenius Farm,	44.28	76	P	P	06 34 46.7	-0.3
G39A	Holcombe	44.34	72	P	P	06 34 47.2	-0.2
MJAR	Matsushiro Arr	44.36	271	P	P	06 34 46.3	-1.4
MJB9	Matsu-Tunnel	44.36	271	eP	P	06 34 47.8	+0.1
MAJO	comp=Z,4.9nm,1.4s	44.36	271	eP	P	06 34 47.5	-0.3
I38A	Scanlan Farm,	44.49	74	P	P	06 34 48.7	0.0
F40A	Park Falls	44.52	71	P	P	06 34 48.7	-0.2
O34A	Beatrice	44.55	81	P	P	06 34 49.2	+0.1
K37A	Belmond	44.58	76	P	P	06 34 49.0	-0.4
H39A	Augusta	44.66	73	P	P	06 34 49.8	-0.2
N35A	Tabor	44.70	80	P	P	06 34 50.7	+0.4
M36A	Felix, Anita	44.78	79	P	P	06 34 50.7	-0.1
J38A	Wedel Dairy, R	44.87	75	P	P	06 34 51.6	-0.1
G40A	Rib Lake	44.88	71	P	P	06 34 51.4	-0.4
P34A	Walnut Farm, R	44.90	82	P	P	06 34 52.1	+0.2
L37A	Phonix Point,	44.93	77	P	P	06 34 52.3	+0.1
I39A	Houston	45.06	74	P	P	06 34 52.7	-0.5
N36A	Muff Farm, Cla	45.11	79	P	P	06 34 53.6	-0.1
K38A	Parkersburg	45.14	76	P	P	06 34 53.6	-0.2
H40A	Chill	45.19	72	P	P	06 34 53.9	-0.3
M37A	Trindle Farm,	45.24	78	P	P	06 34 54.7	+0.1
Q34A	Chapman	45.26	83	P	P	06 34 54.6	-0.2
J39A	Deerah	45.29	75	P	P	06 34 54.6	-0.4
KSU1	Kansas State U	45.32	82	P	P	06 34 55.2	-0.2
AMTX	Amtillo	45.33	91	P	P	06 34 55.3	-0.2
MSTX	Muleshoe	45.35	92	P	P	06 34 55.6	-0.2
L38A	Oak Wood Farm,	45.37	77	P	P	06 34 55.1	-0.5
P35A	Duane Minner,	45.37	82	P	P	06 34 55.4	-0.4
G41A	Antigo	45.48	71	P	P	06 34 55.6	-0.9
R34A	Isabella, Hill	45.50	84	P	P	06 34 50.2	+0.2
MNTX	Cornudas Mount	45.51	97	P	P	06 34 57.3	+0.4
I40A	Nonalk	45.53	73	P	P	06 34 56.9	0.0
O36A	Bolckow	45.57	80	P	P	06 34 57.0	-0.2
N37A	Lee Faris, Mou	45.58	79	P	P	06 34 57.3	0.0
K39A	Oelwein	45.60	75	P	P	06 34 56.5	-1.0
F42A	Maple Grove Fa	45.70	70	P	P	06 34 58.1	-0.1
M38A	Pleasantville	45.71	78	P	P	06 34 57.9	-0.4
P36A	Good Intent, A	45.77	81	P	P	06 34 58.3	-0.6
J40A	Soldiers Grove	45.79	74	P	P	06 34 58.3	-0.6

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Table with columns: TOCT, 8h, Torodi Ar. Sit, 73.06 28, PFAKE, LR, 09 01 10.0 +15, etc. Includes stations like RREC, NORC, PLMC, PCRV, etc.

Table with columns: STKA, 2.3, 1nm, 0.6s, baz=143, slow=7.0, SNR=15, etc. Includes stations like STKA, STEPHENS CREEK, STKA, etc.

Table with columns: FUORN, 2.2um, 19.0s, 107.06 25, PFAKE, LR, 09 08 00.0, etc. Includes stations like FUORN, LBHN, TXAR, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like DUG, ULM, PDAR, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like QIZ, D05A, AR0A, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like SONAI, SCM, SML, etc.

IDC 09 08:50:35.0;3.4,54,72N;87.02E, h0km, mb1 3.1/2, mb1mx2.8/1, mbtms3.1/2, ML2.82, Error ellipse: s-maj=29.5km s-min=20.0km az=47.0, Southeastern Siberia

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

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

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Table with columns: 9d, 9c, AKCD, KEMIA, KEMA, CUSAR, ILIC, MALT, BNN, RSDY, PTK, YOZ. Includes station names, coordinates, and various parameters.

IDC 09 08:54:39.3±2.8, 53.555N, 87.86E, h0km, mb1 2.9/2, mb1mx2.7/7.9, mbtmpt2.9/2, ML2.4/2, Error ellipse: s-maj=22.9km s-min=15.4km az=67.0, Southwestern Siberia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

MEX 09 08:57:04.5±0.4, 14.69N, 93.30W, h16km, 66km, MD3.8, Near coast of Chiapas

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res. Includes stations like PCIG, CCIG, TGIG.

IDC 09 09:00:15.8±3.0, 54.37N, 87.01E, h0km, mb1 2.6/2, mb1mx2.5/7.6, mbtmpt2.6/2, ML2.2/2, Error ellipse: s-maj=27.1km s-min=18.3km az=50.0, Southwestern Siberia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

IDC 09 09:04:39.0±2.8, 54.16N, 87.26E, h0km, mb1 3.0/2, mb1mx2.8/7.1, mbtmpt3.0/2, ML2.8/2, Error ellipse: s-maj=23.8km s-min=16.2km az=57.0, Southwestern Siberia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

IDC 09 09:05:08.7±3.1, 53.56N, 87.77E, h0km, mb1 2.9/2, mb1mx2.8/7.1, mbtmpt2.9/2, ML2.5/2, Error ellipse: s-maj=30.1km s-min=18.1km az=51.0, Southwestern Siberia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

ISCJTB 09 09:08:57.6±0.4, 39.24N, 0.02±28.29E, 0.03, h3km, 5km, Error ellipse: s-maj=4.1km s-min=3.4km az=152.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res. Includes stations like DEMI, DST, STEP, BALB, etc.

Table with columns: SIMA, BALY, MANT, MANT, KULA, KULA, GEDZ, GEDZ, ORLT, ORLT, TVSB, TVSB, KCTX, KCTX, KCTX, KCTX, EDC, EDC, MDNY, MDNY, IGDY, IGDY, IGL, IGL, KHAL, KHAL, KHAL, KHAL, ARMT, ARMT, CAVI, CAVI, CAVI, CAVI, AYDN, AYDN, AYDN, AYDN, GULT, GULT. Includes station names, coordinates, and various parameters.

IDC 09 09:13:42.8±2.8, 53.91N, 86.62E, h0km, mb1 2.6/2, mb1mx2.6/7.4, mbtmpt2.6/2, ML2.4/2, Error ellipse: s-maj=24.0km s-min=14.1km az=62.0, Southwestern Siberia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

MAN 09 09:13:57.9±81N, 123.17E, h8km, mb4.6, ML3.4, M53.3, 3C-4D, Negros

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res. Includes stations like SNPH, SNPH, TBP, TBP, LLP, LLP, LLP, LLP, GUIM, GUIM, GUIM, GUIM, DCPH, DCPH, DCPH, DCPH, JAP, JAP, MASL, MASL, RCP, RCP, OCLP, OCLP, PLO, PLO.

NIED 09 09:16:00.23±80N, 121.90E, h32km, Mw3.8 Best double couple: M5.07000-1014, NP1±193.00000, 838.00000, 1.71.00000, NP2±36.00000, 556.00000, 1.03.00000, IDC 09 09:16:43.4±1.1, 23.84N, 121.94E, h0km, mb3.8/9, mb1 3.9/10, mb1mx3.6/7.1, mbtmpt3.8/10, ML3.5/1, MS4.4/3, Ms1 4.4/3, ms1mx3.1/6.8, Error ellipse: s-maj=30.9km s-min=22.1km az=50.0

JMA 09 09:16:48.2±0.1, 23.84N, 121.94E, h26km, 3km, M4.1, ISCJTB 09 09:16:49.1±0.2, 23.87N, 121.99E, 0.01, h46km, 3km, mb3.9/10, MS4.4/3, Error ellipse: s-maj=2.9km s-min=2.0km az=153.0

TAP 09 09:16:49.7, 23.90N, 121.92E, h36km, ML4.3, B, NEIC 09 09:16:49.2±0.6, 23.83N, 121.95E, h41km, 6km, mb4.6/2, Error ellipse: s-maj=6.6km s-min=6.6km az=128.0

ISC 09 09:16:48.7±0.9, 23.84N, 0.02±121.97E, 0.02, h33km, 7km, n125, ±0.96/176, mb3.8/10, MS4.3/2C-29D, Taiwan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res. Includes stations like ENLB, ENLB, HWA, HWA, HWA, HWA, TWD, TWD, TWD, TWD, NACB, NACB, ESL, ESL, ESL, ESL, ENA, ENA, ENA, ENA, ENAH, ENAH, ENAH, ENAH, EHY, EHY, EOS1, EOS1, EOS1, EOS1, YULB, YULB, TWC, TWC, TWF1, TWF1, TWF1, TWF1, NNSH, NNSH, NNSH, NNSH, ENA, ENA, TWT, TWT, TDCB, TDCB, ENNT, ENNT, ENNT, ENNT, FULB, FULB, CHKT, CHKT.

Table with columns: SSBL, ILA, DPDB, SMLT, SMLT, YHNB, YHNB, YHNB, YHNB, YUS, YUS, NSK, NSK, NTK, NTK, TYC, TYC, JYNG, JYNG, ELDTW, ELDTW, ELDTW, ALS, ALS, TIPB, TIPB, TIPB, WJS, WJS, YOJ, YOJ, YOJ, YOJ, WNT, WNT, LIOB, LIOB, LIOB, NSTR, NSTR, NSTR, NSTR, TWQ1, TWQ1, TWQ1, CHNS, CHNS, CHNS, TATO, TATO, TATO, TCU, TCU, NWF, NWF, NWF, NSY, NSY, NMLH, NMLH, PTBS, PTBS, PTBS, STYT, STYT, SBCB, SBCB, SBCB, TWG, TWG, TWG, TWG, WCHH, WCHH, WDLH, WDLH, HSN, HSN, HSN, NCUH, NCUH, TPUB, TPUB, TPUB, TPUB, TWS1, TWS1, TWS1, CHN4, CHN4, CHN4, YM10, YM10, YM04, YM04, YM05, YM05, YM05, WTP, WTP, YM12, YM12, YM12, YM08, YM08, YM08, YM03, YM03, NTST, NTST, NTST, CHY, CHY, TWY, TWY, RLNB, RLNB, CHN1, CHN1, CHN1, SGST, SGST, SGST, WTCT, WTCT, WTCT, CHN8, CHN8, CHN8, IRIF, IRIF, IRIF.

Table with columns: Code, Station Name, Azimuth, Elevation, P, S, Residual. Includes stations like HATERUMA JIMA, SHOUSHAN, ANSHUO, etc.

Table with columns: UNM, Universidad Na, Azimuth, Elevation, P, S, Residual. Includes stations like UNM Universidad Na, UNM Pinon, UNM Pinon, etc.

Table with columns: AMTX, Amarillo, Azimuth, Elevation, P, S, Residual. Includes stations like AMTX Amarillo, AMTX Amarillo, 251A Midway, etc.

IDC 09 09:21:50.5,0.7, 16.13N:97.10W, h0km, mb4.3/17, mb1.4/19, mb1mx4.2/56, mbtmp4.3/19, ML3.6/2, MS4.0/6, MS1.4/0.6, ms1mx3.5/47, Error ellipse: s-maj=2.42km s-min=1.1, 6km az=57.0.

ISCJB 09 09:21:52.7,0.2, 16.31N:0.02:96.88W:0.02 h10km, mb4.5/100, MS3.9/4, Error ellipse: s-maj=3.7km s-min=2.6km az=33.5.

NEIC 09 09:21:55.2,0.0, 16.07N:97.19W, h11km, mb4.6/122, MD4.6(MEX), After MEX.

NEIC Felt [III] at Oaxaca and Puerto Escondido. Also felt at Tlacolula.

MEX 09 09:21:55.2,0.8, 16.07N:97.19W, h11km, 8km, MD4.6, ISC 09 09:21:54.4,0.8, 16.11N:0.03:97.16W:0.03, h25km, 5km, n55.1, s1946/57.4, mb4.6/101, MS3.9/4, Oaxaca

Table with columns: Code, Station Name, Azimuth, Elevation, Op, ISC, Time, Res. Includes stations like PANG Puerto Angel, PNIG Pinotepa, etc.

Table with columns: WLAB, HIGS, Azimuth, Elevation, P, S, Residual. Includes stations like WLAB HIGS, 248A Dixon Mills, etc.

Table with columns: AMTX, Amarillo, Azimuth, Elevation, P, S, Residual. Includes stations like AMTX Amarillo, 251A Midway, etc.

9d 9h

T41A	Mountain View	21.39	12	P	P	09 26 40.6 +0.4
PBMO	Poplar Bluff	21.43	15	eP	P	09 26 40.3 -0.3
V47A	Nunnally	21.44	22	P	P	09 26 39.0 -1.7
UTMT	University of	21.46	19	eP	P	09 26 40.0 -0.8
U45A	Rockin P Farm,	21.49	19	P	P	09 26 40.2 -1.1
S35A	Otter Creek Ra	21.50	2	P	P	09 26 41.5 +0.2
PARMO	Parma	21.50	16	eP	P	09 26 40.8 -0.5
SWET	Sewanee	21.52	26	eP	P	09 26 39.7 -1.9
T42A	Van Buren	21.52	13	P	P	09 26 40.4 -1.2
S36A	Lake Cedric, C	21.57	3	P	P	09 26 40.7 -1.4
WVT	Waverly	21.60	21	eP	P	09 26 40.9 -1.5
WVT	Waverly	21.60	21	eP	P	09 26 40.3 -2.1
WVT	Waverly	21.60	21	eP	P	09 30 51.7 +2.0
V48A	Smith Brothers	21.62	23	P	Sn	09 26 40.9 -1.7
S38A	Stockton	21.62	7	P	P	09 26 41.9 -0.8
X18A	Snowflake	21.64	330	eP	P	09 26 45.5 +2.4
S37A	Fort Scott	21.66	5	P	P	09 26 42.4 -0.7
U46A	Springville	21.69	20	P	P	09 26 41.7 -1.6
T43A	Greenville	21.76	15	P	P	09 26 42.1 -2.0
S39A	Bolivar	21.76	8	P	P	09 26 43.1 -1.0
S40A	Lebanon	21.79	10	P	P	09 26 44.8 +0.3
T25A	Trinidad	21.90	344	P	P	09 26 47.0 +1.1
S41A	Jillico Farms,	21.92	12	P	P	09 26 45.8 -0.1
T44A	Genton	21.94	16	P	P	09 26 46.4 +0.3
MHTCO	State Highway	21.97	344	eP	P	09 26 48.1 +1.5
W18A	Petrified Fore	22.02	332	P	P	09 26 47.1 0.0
U47A	Clarksville	22.07	22	P	P	09 26 45.3 -2.1
R34A	Isabella, Hill	22.10	360	P	P	09 26 48.9 +1.0
R35A	Emporia Munci	22.14	2	P	P	09 26 48.1 -0.1
T45A	Paducah	22.15	18	P	P	09 26 48.5 +0.2
R36A	Gordon, Harris	22.17	3	P	P	09 26 48.4 -0.2
R38A	Fenwick Farm,	22.17	7	P	P	09 26 48.0 -0.6
R37A	Teagarden Farm	22.21	5	P	P	09 26 48.5 -0.5
S43A	Fulton Ridge,	22.27	15	P	P	09 26 48.2 -1.4
X16A	Lo Mia Camp, P	22.29	327	eP	P	09 26 53.0 +2.9
S42A	Caledonia	22.29	13	P	P	09 26 49.5 -0.4
CPCT	Cooper Cave	22.33	28	eP	P	09 26 48.7 -1.6
113A	Mohawk Valley,	22.38	321	eP	P	09 26 53.1 +2.2
U48A	Cassie Pea, Po	22.40	23	P	P	09 26 49.0 -2.0
T46A	Brinelle	22.41	20	P	P	09 26 50.4 -0.7
R39A	Chumby, Stover	22.41	9	P	P	09 26 51.0 -0.1
CCM	Cathedral Cave	22.47	12	P	P	09 26 51.7 -0.1
CCM	Cathedral Cave	22.47	12	eP	P	09 26 51.4 -0.4
HODGE	Hodges	22.48	34	eP	P	09 26 49.9 -1.9
R40A	Maddies Statio	22.51	10	P	P	09 26 51.2 -0.9
FVM	French Village	22.58	14	eP	P	09 26 52.1 -0.9
S44A	Carbondale	22.60	16	P	P	09 26 52.2 -1.0
T47A	Sharon Grove	22.62	21	P	P	09 26 52.2 -1.2
SIUC	Southern Illin	22.63	17	eP	P	09 26 53.6 +0.1
R41A	Rosebud	22.68	12	P	P	09 26 53.9 0.0
Q35A	Mercer Eighty,	22.68	2	P	P	09 26 54.4 +0.4
BG3	Lake Jocassee	22.72	32	eP	P	09 26 52.7 -1.7
Q34A	Chapman	22.72	0	P	P	09 26 55.4 +1.0
CBKS	Cedar Bluff	22.73	355	eP	P	09 26 49.1 -5.5
SDCO	Great Sand Dun	22.77	343	P	P	09 26 55.9 +0.6
SDCO	Great Sand Dun	22.77	343	eP	P	09 26 56.2 +0.9
Y14A	Wickenburg	22.77	324	eP	P	09 26 57.9 +2.8
S45A	Carrier Mills	22.78	18	P	P	09 26 55.0 0.0
R42A	Luebbering	22.78	13	P	P	09 26 54.7 -0.3
Q37A	Longview Farm,	22.80	5	P	P	09 26 55.8 +0.5
TKL	Tuckaleechee C	22.84	29	P	P	09 26 55.0 -0.8
TKL	Tuckaleechee C	22.84	29	eP	P	09 26 55.3 -0.4
NH5K	New Hope	22.85	39	P	P	09 26 55.1 -0.7
KSU1	Kansas State U	22.91	1	P	P	09 26 56.6 +0.3
KSU1	Kansas State U	22.91	1	eP	P	09 26 56.6 +0.3
Q38A	Cooks Store, C	22.97	7	P	P	09 26 56.5 -0.5
R43A	Red Bud	22.98	15	P	P	09 26 56.0 -1.1
T48A	Bowling Green	22.99	22	P	P	09 26 56.3 -0.9
S46A	Dor Dixon Farm	23.05	19	P	P	09 26 56.7 -1.1
WUAZ	Wupatki	23.12	329	P	P	09 27 01.3 +2.5
WUAZ	Wupatki	23.12	329	eP	P	09 27 01.7 +2.9
Q39A	Willow Grove F	23.14	8	P	P	09 26 58.4 -0.3
R44A	Waltonville	23.17	16	P	P	09 26 57.9 -1.1
S22A	4UR Ranch, Cre	23.18	340	P	P	09 26 60.0 +0.5
Q40A	Laux Farm, Auc	23.23	10	P	P	09 26 57.5 -2.2
GLA	Glamis	23.23	320	P	P	09 27 01.7 +1.9
GLA	Glamis	23.23	320	eP	P	09 27 02.0 +2.3
MVCO	Mesa Verde	23.29	337	P	P	09 27 01.4 +0.9
MVCO	Mesa Verde	23.29	337	eP	P	09 27 03.0 +2.5
KSCO	Kaye Shedlock'	23.31	349	P	P	09 27 00.6 0.0
USIN	University of	23.32	19	eP	P	09 27 00.2 -0.3
Q41A	Truxton	23.34	12	P	P	09 26 59.9 -0.9
P34A	Walnut Farm, R	23.35	1	P	P	09 27 00.7 -0.1
P35A	Duane Minner,	23.35	2	P	P	09 27 00.4 -0.4
R45A	Skylar, Fairri	23.44	18	P	P	09 27 01.1 -0.5

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Q42A	Golden Eagle	23.45	13	P	P	09 27 01.2 -0.6
P36A	Good Intent, A	23.48	4	P	P	09 27 02.3 +0.1
P37A	Lathrop	23.52	5	P	P	09 27 02.0 -0.4
S48A	Wiedeman Farm,	23.60	22	P	P	09 27 01.3 -2.0
R46A	Gibson Southern	23.60	19	P	P	09 27 01.4 -1.8
P39B	Salisbury	23.60	9	P	P	09 27 02.2 -1.1
P38A	Dawny	23.64	7	P	P	09 27 02.5 -1.2
KMSC	Kings Mountain	23.66	34	P	P	09 27 01.5 -2.4
KMSC	Kings Mountain	23.66	34	eP	P	09 27 03.0 -0.9
Q43A	New Douglas	23.66	15	P	P	09 27 02.0 -1.9
TZTN	Tazewell	23.67	28	P	P	09 27 02.3 -1.7
TZTN	Tazewell	23.67	28	eP	P	09 27 02.0 -2.0
YOTC	Yotoco, Valle	23.75	118	eP	P	09 27 03.3 -1.8
P40A	Paris	23.75	10	eP	P	09 27 03.2 -1.5
HORO	Saladito	23.78	120	eP	P	09 27 05.0 -0.5
IKP	In-Ko-Pah, Jac	23.78	317	P	P	09 27 06.5 +1.2
Q44A	Meyer Farm, Va	23.80	16	P	P	09 27 04.1 -1.1
Q24A	Divide	23.82	344	P	P	09 27 05.9 +0.1
O33A	Hebron	23.88	359	P	P	09 27 05.8 -0.1
LLIL	Olney	23.90	18	eP	P	09 27 06.8 +0.7
GUYC	Guyana, Colomb	23.95	114	eP	P	09 27 09.1 +1.8
O34A	Beatrice	23.98	9	eP	P	09 27 06.4 -0.6
R47A	Wooly Knot Far	24.00	21	P	P	09 27 06.0 -1.0
O36A	Bolckow	24.01	4	P	P	09 27 06.0 -1.2
WCI	Wyandotte Cave	24.02	21	P	P	09 27 06.3 -1.0
WCI	Wyandotte Cave	24.02	21	eP	P	09 27 06.7 -0.6
BC3	Big Chuckawall	24.02	320	P	P	09 27 08.8 +1.3
Q45A	Warren Harvey,	24.03	17	P	P	09 27 06.3 -1.1
P41A	Barry Barry	24.07	12	P	P	09 27 06.3 -1.4
O35A	Humboldt	24.09	2	P	P	09 27 08.4 +0.5
O37A	Wolven Farm, M	24.11	6	P	P	09 27 08.0 -0.1
W13A	Hualapai Mount	24.12	325	eP	P	09 27 12.1 +3.6
PV01	Paradox Valley	24.13	338	eP	P	09 27 10.6 +2.1
P42A	Winchester	24.13	13	P	P	09 27 07.6 -0.7
O38A	Galt	24.14	7	P	P	09 27 06.6 -1.7
RREF	El Refreo	24.14	115	eP	P	09 27 12.4 +3.1
IRM	Iron Mountain	24.17	321	P	P	09 27 10.9 +2.1
PTBC	PUERTO BERRIO,	24.19	111	eP	P	09 27 11.3 +2.2
OTAV	Otalavo	24.28	129	eP	P	09 27 11.4 +2.0
U15A	North Rim	24.30	329	eP	P	09 27 13.2 +3.0
R48A	Northridge Ran	24.32	22	P	P	09 27 09.3 -0.8
O40A	La Belle	24.36	10	P	P	09 27 08.8 -1.6
P43A	Skaggs, Pawnee	24.37	14	P	P	09 27 10.3 -0.2
O39A	Kirkville	24.39	9	P	P	09 27 09.9 -0.8
P44A	Sand Creek, Wi	24.44	16	P	P	09 27 10.3 -0.8
PV04	Paradox Valley	24.48	337	eP	P	09 27 13.6 +1.8
SMCO	Shoemaker	24.53	341	eP	P	09 27 15.2 +2.7
O41A	Passleys Farm,	24.53	12	P	P	09 27 10.9 -1.0
SOTA	Rioblanco	24.55	122	eP	P	09 27 15.1 +2.2
BELO	Belle Mtn. Jos	24.59	320	P	P	09 27 14.3 +1.5
Q47A	Bedord North L	24.61	20	P	P	09 27 11.7 -1.0
PCON	Concho Dias	24.61	122	eP	P	09 27 16.8 +3.2
PFO	Pinyon Flats O	24.62	319	P	P	09 27 15.4 +2.4
N34A	Lincoln	24.64	1	P	P	09 27 13.0 0.0
PV09	Paradox Valley	24.66	337	eP	P	09 27 15.6 +2.1
N36A	Muff Farm, Cia	24.69	4	P	P	09 27 13.8 +0.5
N37A	Lee Faries, Mou	24.69	5	P	P	09 27 13.3 -0.1
N35A	Taber	24.69	3	P	P	09 27 14.7 +1.3
ISCO	Idaho Springs	24.72	344	P	P	09 27 15.4 +1.3
ISCO	Idaho Springs	24.72	344	eP	P	09 27 16.9 +2.8
P45A	Graceland, Par	24.74	18	P	P	09 27 13.0 -0.9
O42A	Bath	24.77	13	P	P	09 27 13.5 -0.7
BLOA	Bloomington	24.79	20	eP	P	09 27 12.9 -1.4
N38A	Joes South For	24.83	7	P	P	09 27 14.7 +0.1
GMRC	Granite Mounta	24.91	322	P	P	09 27 17.4 +1.8
N39A	Derby Farms D	25.00	8	P	P	09 27 15.2 -1.0
O43A	Sugar Creek Fa	25.03	14	P	P	09 27 15.5 -1.0
ROSC	El Rosal	25.07	114	P	P	09 27 16.5 -1.0
OGNE	Ogalla, O	25.10	351	eP	P	09 27 17.6 +0.4
OGNE	Ogalla, O	25.10	351	eP	P	09 27 19.1 +1.9
N41A	Harden Midland	25.11	11	P	P	09 27 16.1 -1.1
O44A	Mansfield	25.12	16	P	P	09 27 17.6 +0.3
PRAC	Prado	25.13	117	eP	P	09 27 18.4 +0.7
N40A	Mertquake, Sal	25.15	10	P	P	09 27 17.3 -0.2
P47A	Martinsville	25.16	20	P	P	09 27 17.0 -0.7
LCMT	Little Creek M	25.23	329	eP	P	09 27 20.0 +1.5
HDIL	Hopedale	25.30	14	P	P	09 27 18.7 -0.2
HDIL	Hopedale	25.30	14	eP	P	09 27 18.7 -0.2
M35A	Neola	25.30	3	P	P	09 27 19.2 +0.3
M34A	Aspy Farms, Fr	25.30	1	P	P	09 27 19.8 +0.9
M36A	Felix, Anita	25.33	4	P	P	09 27 19.4 +0.2
M37A	Trindle Farm,	25.34	5	P	P	09 27 18.6 -0.6
HEC	Hector, Ludlow	25.35	321	P	P	09 27 21.9 +2.4
M33A	Taylor Creek F	25.37	360	P	P	09 27 19.7 +0.1
N42A	Yates City	25.39	13	P	P	09 27 19.4 -0.3
O45A	Potomac	25.41	17	P	P	09 27 19.4 -0.5
M38A	Pleasantville	25.45	7	P	P	09 27 18.4 -1.8
PAMC	Pamplona, Colo	25.47	107	eP	P	09 27 21.2 -0.1
TUQ	Turquoise Moun	25.52	322	P	P	09 27 23.7 +2.6
MTPU	Mount Pierson	25.54	332	eP	P	09 27 24.6 +3.1

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SZCU	Shurtz Canyon	25.61	330	eP	P	09 27 24.9 +2.9
M39A	Webster	25.64	9	P	P	09 27 21.3 -0.7
FLOC	Flordia	25.65	122	eP	P	09 27 24.4 +2.1
M40A	Post Highland	25.67	10	P	P	09 27 21.5 -0.7
CHIC	Chingaza	25.68	114	eP	P	09 27 25.8 +2.7
RUSC	La Rusia	25.70	111	eP	P	09

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other details. Includes stations like HWUT Hardware Ranch, B35A Sunnyside Ranc, H306 Boulder Array, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other details. Includes stations like KSH Kashi, KSH KSH, KSH KSH, etc.

MAN 09:09:25:43, 10.57N, 125.32E, h16km, mb4.4, ML3.2, MS2.9, 2C, Leyte

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like MSLP Maasin, PLP Palo, SLP SLP, etc.

MEX 09:09:33:40.7, 0.5, 16.12N, 97.22W, h20km, 222km, MD3.8, Oaxaca

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like PNIG Pinotepa, VHO Vista Hermosa, VHO VHO, etc.

IDC 09:09:40:49.7, 2.7, 53.72N, 86.91E, h0km, mb1 3.0/2, mb1mx2.8/6.8, mbtmp3.0/2, ML2.8/2, Error ellipse: s-maj=27.2km s-min=15.1km az=65.0, Southwestern

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like H46RU ZALESOVO INFRA, ZALV Zalevovo Beam, ZALV ZALV, etc.

MAN 09:09:46:48, 9.92N, 123.19E, h30km, mb4.1, ML2.9, MS2.6, IC, Negros

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like SNPH Sibulan, SNPH SNPH, LLLP Lapu-Lapu, etc.

MEX 09:09:49:00.7, 0.8, 15.93N, 97.20W, h16km, 222km, MD3.6, Near coast of Oaxaca

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like PNIG Pinotepa, HUIG Huatulco, VHO Vista Hermosa, etc.

IDC 09:09:50:35.9, 3.0, 54.26N, 87.32E, h0km, mb1 2.7/2, mb1mx2.6/6.8, mbtmp2.7/2, ML2.5/2, Error ellipse: s-maj=25.2km s-min=17.1km az=56.0, Southwestern

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like H46RU ZALESOVO INFRA, ZALV Zalevovo Beam, ZALV ZALV, etc.

NNC 09:09:56:32.5, 2.8, 48.75N, 78.07E, h0km, mb1 1.6/2, mb1mx2.6/6.9, mbtmp2.6/2, ML1.8/2, 2C-4D, Error ellipse: s-maj=40.6km s-min=11.8km az=69.0, Eastern

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like KURBB Kurchatov Arra, KURBB Kurchatov Arra, KURBB Kurchatov Arra, etc.

WEL 09:09:57:01.2, 41.05S, 0.7, 174.8E, h10, h36km, 1km, ML4.1/18, Cook Strait

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like KIW Kapiti Island, KIW Kapiti Island, CAW Cannon Point, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other details. Includes stations like MTW Mount Morrison, MSWZ Moikau Station, PAWZ Parauwai Farm, etc.

NNC 09:10:05:35.7, 1.3, 51.86N, 75.45E, h0km, mb3.2, mpv2.9, Error ellipse: s-maj=108.1km s-min=6.3km az=26.0, Suspected Mining explosion.

IDC 09:10:05:38.0, 3.2, 51.88N, 75.66E, h0km, mb1 2.7/3, mb1mx2.6/7.0, mbtmp2.7/3, ML2.1/3, 2C-4D, Error ellipse: s-maj=30.8km s-min=25.8km az=75.0, Eastern

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like KURBB Kurchatov Arra, KURBB Kurchatov Arra, KURBB Kurchatov Arra, etc.

KRSC 09:10:06:11.8, 0.9, 52.12N, 159.25E, h46km, 13km, ML3.9, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like RUS Russkaya, RUS Russkaya, RUS Russkaya, etc.

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

MEX 09 10:12:54.0, 0.5, 14.92N-93.10W, h72km, 56km, MD3.5, Near coast of Chiapas

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

ISCJB 09 10:22:04.4, 0.4, 35.41N-100.04E, h38km, 5km, mb3.5/10, Error ellipse: s-maj=7.4km s-min=5.9km

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

ISC 09 10:22:04.8, 0.7, 35.42N-100.04E, h26km, 5km, mb3.6/10, AC-2D, Near east coast of Honshu

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

MAN 09 10:28:33.9, 9.85N-123.14E, h9km, mb3.9, ML2.7, MS2.3, 2C-2D, Negros

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

ISCJB 09 10:29:30.9, 0.5, 36.66N-100.05E, h61km, 7km, Error ellipse: s-maj=7.7km s-min=4.9km az=6.4

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

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

ISCJB 09 10:43:23.8, 0.6, 38.98N-104.43E, h14km, 5km, Error ellipse: s-maj=6.9km s-min=6.1km az=27.8

CSEM 09 10:43:23.4, 0.4, 38.97N-104.59E, h20km, ML2.7, Error ellipse: s-maj=8.6km s-min=6.7km az=112.0

ISC 09 10:43:23.0, 38.93N-104.58E, h14km, ML2.7/3 DDA 09 10:43:23.4, 38.91N-104.58E, h7km, ML2.8

ISC 09 10:43:23.5, 0.9, 39.94N-103.43E, h15km, 7km, mb2.4, AC-2D, Turkey

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

ISC 09 10:44:16.4, 2.7, 53.90N-86.71E, h0km, mb1.2/7.2, mb1mx2.6/7.6, mbtmp2.7/7.2, ML2.3/2, Error ellipse: s-maj=24.3km s-min=14.0km az=61.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H46R, ZALV, ZALV, etc.

ISC 09 10:53:34.2, 3.6, 55.90N-86.15E, h0km, mb1.2/6.3, mb1mx2.6/6.8, mbtmp2.6/3.3, ML2.2/3, Error ellipse: s-maj=34.3km s-min=30.1km az=63.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H46R, ZALV, ZALV, etc.

ISCJB 09 11:11:56.6, 0.3, 32.86N-102.35E, h6km, 3km, Error ellipse: s-maj=4.0km s-min=2.4km az=22.2

CSEM 09 11:11:56.5, 0.2, 32.88N-102.35E, h2km, ML3.4, Error ellipse: s-maj=2.7km s-min=2.6km az=100.0

NSSC 09 11:11:56.9, 1.2, 32.83N-102.35E, h6km, 6km, ML2.7 GII 09 11:11:56.4, 0.3, 32.86N-102.35E, h6km, 6km, ML3.3 GRA 09 11:12:01.4, 0.3, 32.08N-102.67E, h0km, 4km, MD3.4

ISC 09 11:11:56.8, 0.9, 32.89N-102.35E, h0km, 8km, n36, AC-2D, Dead Sea region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like TUL1 Leonard, V36A Jenks, R37A Teaggen Farm, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like ULM Lac du Bonnet, AGMN Agassiz Nation, AGMN Agassiz Nation, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like NVAR Mina Array Bea, ILAR Eielson Array, MAN 09 11:54:14, etc.

9d 13h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KURBS, WRA, SJA.

Table for SJA 09 12:34:03.6±0.5, 27.855±65.80W, h41km, 270km, ML2.9, MW3.7, Tucuman Province. Columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

Table for IDC 09 12:37:43.0±8.8, 4.25S, 146.48E, h0km, mb3.8/3, mb1 3.9/5, mb1mx3.5/44, mbtmp3.8/5, ML3.1±2, Error ellipse: s-maj=136.0km s-min=50.9km az=36.0, Eastern New Guinea region. Columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

Table for PDG 09 13:02:08.4±0.3, 42.26N, 159.54E, h19km, MD2.9/3, ML2.8/10, Error ellipse: s-maj=0.3km s-min=0.4km az=0.0, CSEM 09 13:02:08.4±0.1, 42.27N, 159.56E, h10km, ML2.8, Error ellipse: s-maj=2.6km s-min=2.3km az=169.0, ISCJB 09 13:02:09.2±0.3, 42.26N, 159.51E, h2km, 2km, Error ellipse: s-maj=3.0km s-min=2.7km az=171.9, BEO 09 13:02:09.5±0.2, 42.33N, 159.61E, h8km, 2km, M2.6/1, ISO 09 13:02:08.9±0.9, 42.27N, 159.53E, h7km, n97, 0.92/174, 25C-24D, Northwestern Balkan. Columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

Large table listing station data for Peninsular stations. Columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PDG, DRME, ULcinj, etc.

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Table listing station data for various stations including KRUS, BBLS, BARS, etc. Columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

SJA 09 13:08:29.4±1.1, 33.68S, 72.43W, h10km, ML3.2, MW3.5, GUC 09 13:08:33.3±0.6, 33.69S, 72.10W, h25km, 10km, ML3.3, ISC 09 13:08:34.0±2.0, 33.76S, 72.20W, h1km, 14km, n15, 0.18/24, Off coast of central Chile

Table listing station data for Chile stations. Columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CHPI, ROCH, etc.

VIE 09 13:14:42.0±0.4, 50.46N, 13.58E, h0km, mb2.6/1, ml2.1/4, Error ellipse: s-maj=3.3km s-min=1.8km az=38.0 63 km SE of Chemnitz Suspected Mining explosion, ISC 09 13:14:42.5±0.9, 50.50N, 13.6E, h0km, n3, 0.19/14, Czech and Slovak Republics

Table listing station data for Sumatran stations. Columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KSP, MOA, etc.

DJA 09 13:22:26.3±1.1, 1.1N, 5.99E, h71km, 17km, M3.0/4, ML3.0/24, Northern Sumatra. Columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

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Large table listing station data for various stations including NEIC, I46RU, ZAAO, etc. Columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ZAAO, I46RU, ZALV, etc.

Table with columns: ILAR, Eielson Array, 54.50 25 P, P, 13 33 31.0 0.0, 2.5m, 0.7s, baz=319, slow=4.5, SNR=43

Table with columns: BATI, Baumata, 12.00 184 LR, LR, 13 46 08.9, comp=2.51m, 18.5s, baz=293, slow=42

GLI 09 13:43:33.0 0.0, 3.205N, 28.59E, h20km, MD3.8/2, ICSJB 09 13:43:55.0 0.0, 29.82N, 0.09, 30.67E, 0.06, h10km, mb3.5/7, Error ellipse: s-maj=13.1km s-min=7.3km az=7.2

Table with columns: KZIT, Kziot, 3.42 71 P, Op, ISC, h m s ISC, 13 44 47.1 -3.6, Paran Flat, 3.66 78 P, Pn, 13 44 50.1 -2.7

Table with columns: WRA, Warramunga Arr, 18.09 203 Op, ISC, h m s ISC, 13 53 51.2 +0.5, FITZ, Fitzroy Crossi, 21.56 226 P, P, 13 54 30.4 +0.2

Table with columns: ANDN, Andirin, 0.23 107 Op, ISC, h m s ISC, 13 51 35.8 -0.2, ANDN, Andirin, 0.23 107 P, Pg, 13 51 35.8 -0.2

Table with columns: GAZ, Gaziantep, 1.03 117 ePg, Pn, 13 52 05.2 +0.5, GAZ, Gaziantep, 1.03 117 ePg, Pn, 13 52 05.2 +0.5

IDC 09 13:52:04.3 2.6 2.30S, 100.43E, h0km, mb3.6/7, mb1 3.8/8, mb1mx3.6/62, mbtmp3.6/8, ML3.1/1, Error ellipse: s-maj=113.7km s-min=18.0km az=57.0

Table with columns: PPSI, Pulau Pagai, 0.85 222 P, Pn, 13 52 26.3 -1.6, PPSI, Pulau Pagai, 0.85 222 P, Pn, 13 52 26.3 -1.6

IDC 09 13:55:52.4 1.5 3.24S, 141.70E, h0km, mb3.4/5, mb1 3.9/5, mb1mx3.5/46, mbtmp3.6/8, ML3.8/1, MS3.0/2, Ms1 3.0/2, ms1mx2.5/33, Error ellipse: s-maj=52.4km s-min=27.1km az=98.0

Table with columns: JAY, Jayapura, 0.84 315 Op, Pn, 13 52 10.9 -2.4, JAY, Jayapura, 0.84 315 Op, Pn, 13 52 10.9 -2.4

IDC 09 13:56:55.1 4.3 3.24S, 130.72E, h0km, mb3.7/3, mb1 3.9/5, mb1mx3.5/52, mbtmp3.7/5, ML3.5/2, Error ellipse: s-maj=101.4km s-min=21.3km az=87.0

Table with columns: FAKI, Fak Fak, 1.41 81 Op, Pn, 13 57 44.2 +2.3, FAKI, Fak Fak, 1.41 81 Op, Pn, 13 57 44.2 +2.3

Table with columns: Code, Station Name, A° AZ, Phase ID, Time Res, h m s ISC, n20, r128/23, mb4.0/7, 2C, Mindanao

NEIC 09 14:56:22.9 0.0, 35.78S, 178.34E, h221km, ML4.5(WEL), After WEL, IDC 09 14:56:22.6 2.3 3.581S, 178.52E, h207km, 18km, mb3.9/6, mb1 3.9/8, mb1mx3.6/47, mbtmp4.4/8, Error ellipse: s-maj=30.6km s-min=18.9km az=48.0

Table with columns: Code, Station Name, A° AZ, Phase ID, Time Res, h m s ISC, WRA, Warramunga Arr, 26.84 182 Op, ISC, h m s ISC, 13 42 58.9 -0.2

IDC 09 14:56:23.0 0.6 3.585S, 178.07E, h18E, 0.08, h200km, n184, r2911/185, mb3.9/7, Off east coast of North Island

Table with columns: Code, Station Name, A° AZ, Phase ID, Time Res, h m s ISC, WRA, Warramunga Arr, 18.09 203 Op, ISC, h m s ISC, 13 53 51.2 +0.5

9d 15h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PXZ Pawanui, PNHZ Pukenui, WPHZ Waipukurau, etc.

IDC 09:15:56:59.2:2.6, 10.59Sx113.54E, h0km, mb3/4, mb1 3.5/5, mb1mx3.3/60, mb1mx3.4/5, ML3.1/1, Error ellipse: s-maj=112.2km s-min=21.0km az=49.0, South of Jawa

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

IDC 09:15:06:57.2:4.9, 17.91Sx167.00E, h0km, mb3/7, mb1 3.8/4, mb1mx3.5/44, mb1mx3.6/4, ML3.0/1, MS3.7/2, Ms1 3.7/2, ms1mx2.8/34, Error ellipse: s-maj=91.5km s-min=37.4km az=72.0, Vanuatu Islands

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

IDC 09:15:11:52.9:3.1, 30.96Sx176.73W, h0km, mb3/6, mb1 3.9/5, mb1mx3.7/43, mb1mx3.8/5, ML3.4/2, Error ellipse: s-maj=71.4km s-min=40.2km az=117.0, Kermadec Islands region

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

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1.6nm,0.8s,baz=94,slow=19,SNR=2.7
ASAR Alice Springs 44.17 287 P P 15 20 02.9 -1.0
WRA Warrungarra Arr 45.21 272 P P 15 20 11.0 -1.0
FINES FINESSE Array B 146.04 341 PKPbc PKPdf 15 31 33.2 +0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MAN 09:15:14:44, OCLP Ormoc, etc.

ISCJB 09:15:30.8:0.9, 38.47N:0.05:39.18E:0.05, h12km, 7km, Error ellipse: s-maj=8.6km s-min=6.4km az=156.6
CSEM 09:15:30.6:0.1, 38.47N:39.16E:10km, ML2.0, Error ellipse: s-maj=4.3km s-min=2.9km az=159.0

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

DJA 09:15:16:02.9:0.3, 2.3S:3.121E, h10km, M3.4/6, MLv3.4/6, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TTSI Tana Toraja, APSI Ampana, etc.

MAN 09:15:16:08, 11.02N:124.78E, h8km, mb4.7, ML3.6, MS3.5, 2C, Leyte

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OCLP Ormoc, PLP Palo, etc.

BUJ 09:15:18:08.8, 1.70S:140.70E, h16km, mb4.7/43, mb5.1/27, Ms4.7/11, Ms7.4/6/10
ISCJB 09:15:18.1:3.0:2.1, 7.78S:0.02:140.77E:0.03, h33km, mb4/86, MS3.8/20, Error ellipse: s-maj=4.4km s-min=3.4km az=157.9

MOS 09:15:18:11.3:1.0, 1.77S:140.74E, h33km, mb4.7/14, Error ellipse: s-maj=12.4km s-min=6.4km az=111.6
GCMT 09:15:18:13.6:0.4, 1.59S:140.63E, h27km, 1km, MW4.9/59, Moment Tensor Solution. s15,c17, s59,c91; Duration: 0 Moment tensor: Scale 10^19Nm; Mr=2.05E+30; Mw=2.5E+17; Mw-0.5E+17; Mw-0.3E+17; Mw-0.2E+17; Mw-0.1E+17; Ms=0.00E+07; Ms=0.1E+35; Best double couple: Ms2.48500E+016 NP1:ms=276.00000; s66.00000; -s83.00000; NP2: ms=83.00000; s35.00000; -s100.00000; Principal axes: T 2.74000, Plg10.00000, Azm1.00000; N -0.5120, Plg6.00000, Azm92.00000; P -2.23000, Plg78.00000, Azm21.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 09:15:18:13.6:1.0, 1.76S:140.72E, h37km, 9km, mb5.1/38, Error ellipse: s-maj=7.0km s-min=5.1km az=46.0
IDC 09:15:18:13.6:3.0, 1.78S:140.60E, h34km, 22km, mb4.2/20, mb1 4.4/25, mb1mx3.4/44, mb1mx3.5/45, ML4.1/3, MS3.7/21, Ms1 3.7/21, ms1mx3.5/45, Error ellipse: s-maj=13.8km s-min=9.7km az=78.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DJA 09:15:18:18.6:0.3, JAY Jayapura, etc.

DJA 09:15:18:18.6:0.3, 2.3S:3.141E, h10km, M4.6/21, mb5.0/21, mb5.5/3, MLv4.4/1, Mw(mB)5.0/3
ISC 09:15:18:13.9:0.3, 1.83S:0.04:140.75E:0.04, h35km, n201, s181/184, mb4.8/85, MS3.8/20, 11C-2D, Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JAY Jayapura, GENI Geniem, etc.

COEN Coen 12.29 169 ePn Pn 15 21 05.3 -1.2
LBMI Labuha 13.30 275 P Pn 15 21 26.1 -3.4
MTN Mantandam 14.51 211 ePn Pn 15 21 22.0 -4.5
KMSI Cibinong 16.93 278 P Pn 15 22 15.0 +5.0
DAV Davao City (W) 17.53 300 LR LR 15 22 19.9

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

530

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BATI Baumata, CTA Charters Tower, CTAO Charters Tower, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DCZ Deep Cove, WHZ Wether Hill, PMG Port Moresby, etc.

TRN 09 15:52:55.0, 14.47N:60.91W, h120km, MD3.5, 3C-4D, Windward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MVM Montagne Vaucel, LPMF Morne Lapointe, TRMF Trois Lettes, etc.

ISCJB 09 15:56:44.6:0.5, 40.44N:0.03:37.24E:0.03, h0km, Error ellipse: s-maj=4.1km s-min=3.8km az=178.6

ISC 09 15:56:45.4, 40.44N:37.33E, h5km, ML2.3/2

CSEM 09 15:56:45.0:0.3, 40.42N:37.26E, h1km, ML2.3, Error ellipse: s-maj=5.8km s-min=4.9km az=161.0, Suspected Mining explosion.

DDA 09 15:57:39.0, 40.41N:37.24E, h2km, ML2.5, Suspected Mining explosion.

ISC 09 15:58:43.8:0.8, 40.46N:0.03:37.17E:0.03, h0km, n20, <050/36, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RSDY Resadiye-TOKAT, RSDY Resadiye-TOKAT, ERBA Erbaa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ORDU Ordu-Boztepe, SUSE Susehri, CUSAR Sarkisla-SIVAS, etc.

ICD 09 16:12:13.9:1.2, 32.95N:0.97:13E, h0km, mb3.0/4, mb1 3.6/7, mb1mx3.3/7.4, mbtmp3.4/7, ML3.0, 2, Error ellipse: s-maj=56.1km s-min=20.4km az=57.0, Xizang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songino Array, MKAR Makanchi Array, etc.

ISCJB 09 16:12:41.6:2.3, 59.72S:0.09:26.7W:0.2, h78km, 22km, mb4.5/21, Error ellipse: s-maj=17.0km s-min=11.4km az=39.3

ICD 09 16:12:42.9:0.4, 59.72S:26.75W, h73km, 3km, mb3.9/12, mb1 4.1/13, mb1mx3.9/31, mbtmp4.3/13, MS3.5/1, Ms1 3.4/1, ms1mx2.8/28, Error ellipse: s-maj=16.9km s-min=13.7km az=41.0

NEIC 09 16:12:48.6:1.6, 59.84S:26.77W, h131km, 14km, mb4.7/14, mbtmp4.0/14, Error ellipse: s-maj=14.0km az=46.6

ISC 09 16:12:42.7:0.4, 59.72S:0.09:26.8W:0.1, h74km, 3km, h74km:pp-P, n59, <090/70, mb4.6/21, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HOPE Hope Point, VNA1 Neumayer-Stat, VNA3 Neumayer Olym, etc.

ISCJB 09 16:12:42.7:0.4, 59.72S:0.09:26.8W:0.1, h74km, 3km, h74km:pp-P, n59, <090/70, mb4.6/21, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNA4 Sanae, SNA5 Sanae, SNA6 Sanae, etc.

ISCJB 09 16:12:42.7:0.4, 59.72S:0.09:26.8W:0.1, h74km, 3km, h74km:pp-P, n59, <090/70, mb4.6/21, South Sandwich Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FINES FINESS Array B, JMJC Jan Mayen, ARAO ARCES Array A, etc.

ISCJB 09 16:13:33.4:0.4, 26.32S:0.04:177.39W:0.08, h33km, mb4.4/18, MS3.8/13, Error ellipse: s-maj=9.9km s-min=6.1km az=9.9

NEIC 09 16:13:33.9:1.0, 26.42S:177.29W, h32km, 3km, mb4.7/9, Error ellipse: s-maj=8.9km s-min=8.9km az=134.0

ICD 09 16:13:37.3:4.1, 26.39S:177.42W, h59km, 37km, mb3.6/8, mb1 3.9/9, mb1mx3.7/40, mbtmp3.9/9, ML4.2/2, MS3.8/18, Ms1 3.8/18, ms1mx3.7/28, Error ellipse: s-maj=28.3km s-min=23.7km az=9.0

ISC 09 16:13:34.8:0.5, 26.38S:0.06:177.38W:0.10, h35km, n71, <155/51, mb4.2/18, MS3.8/13, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RAO Raoul Island, RAO Raoul Island, OUZ Ouahuta, etc.

ISCJB 09 16:13:34.8:0.5, 26.38S:0.06:177.38W:0.10, h35km, n71, <155/51, mb4.2/18, MS3.8/13, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RAO Raoul Island, RAO Raoul Island, OUZ Ouahuta, etc.

2012 FEB

Table with columns: JPK, PAX, VALZ, HARP, etc. containing station names, coordinates, and times.

Table with columns: TCHB, MARH, SALA, etc. containing station names, coordinates, and times.

Table with columns: DARE, AKCD, MALT, etc. containing station names, coordinates, and times.

WMOK	comp=Z,2um,20.0s	Wichita Mounta	125.51	80	PFAKE	LR	19 12 00.0	+11
GTBY	comp=Z,1um,18.0s	Guantanamo Bay	125.84	112	PFAKE	LR	19 12 00.0	+10
REDW	comp=Z,700nm,18.0s	Red Top Meadow	126.06	64	ePKPdf	PKPdf	19 11 51.0	+0.7
FKWY		Fox Creek	126.18	64	ePKPdf	PKPdf	19 11 51.7	+1.1
GEYT		Alibek	126.29	205	PKP	PKPdf	19 11 49.2	-1.5
MOOB	comp=Z,4.7nm,0.9s,baz=194,slow=1.2,SNR=4.8	Moose Ponds	126.40	64	ePKPdf	PKPdf	19 11 52.2	+1.2
KURKB	comp=Z,0.2,0.6nm,0.3s,baz=140,slow=2.0,SNR=3.7	Kurchatov Arra	126.42	309	PKP	PKPdf	19 11 49.3	-1.2
KURK		Kurchatov	126.45	309	ePKPdf	PKPdf	19 11 50.3	-0.2
KURK		Kurchatov	126.45	309	ePKPdf	LR	19 11 49.3	-1.2
ZAAO	comp=Z,700nm,22.0s	Zalesovo Array	126.53	315	PFAKE	LR	19 12 00.0	+9.5
N23A	comp=Z,600nm,20.0s	Red Feather La	126.57	70	PFAKE	LR	19 12 00.0	+8.5
SIT	comp=Z,1um,18.0s	Sitka	126.66	39	PFAKE	LR	19 12 00.0	+9.3
U32A	comp=Z,900nm,22.0s	Winter Ranch,	126.66	79	PFAKE	LR	19 12 00.0	+8.5
DLMT	comp=Z,1um,19.0s	Dillon	126.75	62	ePKPdf	PKPdf	19 11 53.0	+1.6
DBIC		Dimbokoro	126.80	201	PKP	PKPdf	19 11 50.9	-1.5
KSCO	comp=Z,0.2,0.3nm,0.7s,baz=140,slow=3.2,SNR=3.9	Kaye Sheddock	126.81	74	PFAKE	LR	19 12 00.0	+8.2
SDDR	comp=Z,1um,22.0s	Presa de Saban	126.87	116	PFAKE	LR	19 12 00.0	+7.6
SDD	comp=Z,700nm,19.0s	Santo Domingo	127.06	118	PFAKE	LR	19 12 00.0	+7.3
X37A	comp=Z,400nm,18.0s	Clayton	127.18	83	PFAKE	LR	19 12 00.0	+7.6
MSO	comp=Z,800nm,20.0s	Missoula	127.23	60	ePKPdf	PKPdf	19 11 52.9	+0.5
V35A	comp=Z,1um,19.0s	Meyer Ranch, C	127.31	81	PFAKE	LR	19 12 00.0	+7.3
BOZ	comp=Z,1um,19.0s	Bozeman (W)	127.37	62	ePKPdf	PKPdf	19 11 53.5	+0.8
USA		Bozeman (W)	127.37	62	ePKPdf	PKPdf	19 11 53.5	+0.8
US3A		Pawnee	127.83	80	PFAKE	LR	19 12 00.0	+1.6
TUL1	comp=Z,1um,19.0s	Leonard	127.97	82	PFAKE	LR	19 12 00.0	+1.6
MIAR	comp=Z,800nm,18.0s	Mount Ida	128.08	84	PFAKE	LR	19 12 00.0	+1.6
CNCK	comp=Z,600nm,19.0s	Cedar Bluff	128.13	76	PFAKE	LR	19 12 00.0	+1.6
MCK	comp=Z,900nm,18.0s	McKinley	128.28	27	PFAKE	LR	19 12 00.0	+1.6
AGP	comp=Z,1um,22.0s	Agudilla	128.29	121	PFAKE	LR	19 12 00.0	+1.5
SJG	comp=Z,700nm,21.0s	San Juan	128.48	122	PFAKE	LR	19 12 00.0	+1.5
OGNE	comp=Z,400nm,20.0s	Ogallala	128.73	73	PFAKE	LR	19 12 00.0	+1.5
UALR	comp=Z,1um,21.0s	University of	128.91	85	PFAKE	LR	19 12 00.0	+1.4
HHAR	comp=Z,1um,18.0s	Hobbs	129.22	83	PFAKE	LR	19 12 00.0	+1.4
STVI	comp=Z,700nm,21.0s	Saint Thomas	129.22	123	PFAKE	LR	19 12 00.0	+1.3
X301	comp=Z,600nm,21.0s	Greenbrier Sit	129.23	85	PFAKE	LR	19 12 00.0	+1.4
CCB	comp=Z,700nm,18.0s	Clear Creek Bu	129.32	27	PFAKE	LR	19 12 00.0	+1.4
DWPF	comp=Z,1um,22.0s	Disney Wildern	129.41	100	PFAKE	LR	19 12 00.0	+1.3
ILAR	comp=Z,700nm,20.0s	Eielson Array	129.64	27	PKP	PKPdf	19 11 56.4	+0.2
ILB	comp=Z,1.1nm,1.0s,baz=295,slow=2.5,SNR=3	Eielson Array	129.64	27	ePKPdf	PKPdf	19 11 56.4	+0.2
WHY		Whitehorse	129.65	36	PFAKE	LR	19 12 00.0	+1.4
RSSD	comp=Z,1um,19.0s	Black Hills	129.92	68	PFAKE	LR	19 12 00.0	+1.2
KSU1	comp=Z,1um,19.0s	Kansas State U	129.96	78	PFAKE	LR	19 12 00.0	+1.2
OXF	comp=Z,1um,20.0s	Oxford	130.25	88	PFAKE	LR	19 12 00.0	+1.2
BGNE	comp=Z,600nm,18.0s	Belgrade	130.88	75	PFAKE	LR	19 12 00.0	+1.1
COLD	comp=Z,1um,21.0s	Coldfoot	130.94	24	PFAKE	LR	19 12 00.0	+1.1
TIXI	comp=Z,900nm,19.0s	Tiksi	131.29	348	PKP	PKPdf	19 11 59.7	+0.6
TIXI	comp=Z,3.7nm,0.9s,baz=129,slow=1.4,SNR=3.8	Tiksi	131.29	348	ePKPdf	PKPdf	19 11 59.5	+0.4
TOC4		Torodi Ar. Sit	131.49	211	PFAKE	LR	19 12 00.0	+8.8
TOC3	comp=Z,800nm,19.0s	Torodi Ar. Sit	131.50	211	PFAKE	LR	19 12 00.0	+8.7
TOC5	comp=Z,800nm,19.0s	Torodi Ar. Sit	131.50	211	PFAKE	LR	19 12 00.0	+8.7
TOB3	comp=Z,1um,18.0s	Torodi Ar. Sit	131.50	211	PFAKE	LR	19 12 00.0	+8.7
TOB4	comp=Z,800nm,18.0s	Torodi Ar. Sit	131.51	211	PFAKE	LR	19 12 00.0	+8.7
TOA0	comp=Z,800nm,18.0s	Torodi Ar. Sit	131.51	211	ePKPdf	PKPdf	19 11 59.9	-1.4
TORD	comp=Z,800nm,18.0s	Torodi Ar. Bea	131.51	211	PKP	PKPdf	19 11 59.8	-1.5
TOB2	comp=Z,4.2nm,1.1s,baz=40,slow=1.4,SNR=6.8	Torodi Ar. Sit	131.52	211	PFAKE	LR	19 12 00.0	+8.7
TOC2	comp=Z,800nm,21.0s	Torodi Ar. Sit	131.52	211	PFAKE	LR	19 12 00.0	+8.7
TOA1	comp=Z,700nm,20.0s	Torodi Ar. Sit	131.52	211	ePKPdf	PKPdf	19 11 59.8	-1.5
TOC6	comp=Z,800nm,18.0s	Torodi Ar. Sit	131.52	211	PFAKE	LR	19 12 00.0	+8.7
TOB5	comp=Z,800nm,18.0s	Torodi Ar. Sit	131.52	211	PFAKE	LR	19 12 00.0	+8.7
TOC7	comp=Z,800nm,18.0s	Torodi Ar. Sit	131.53	211	PFAKE	LR	19 12 00.0	+8.7
TOC1	comp=Z,800nm,18.0s	Torodi Ar. Sit	131.54	211	PFAKE	LR	19 12 00.0	+8.7
BRVK	comp=Z,900nm,18.0s	Borovoye	131.67	306	PFAKE	LR	19 12 00.0	+1.0
CCM	comp=Z,1um,22.0s	Cathedral Cave	131.97	83	PFAKE	LR	19 12 00.0	+8.6

CCM	comp=Z,700nm,19.0s	Toolik Lake Re	132.25	23	PFAKE	LR	19 12 10.0	+8.9
TOLK	comp=Z,2um,20.0s	Waverly	132.32	88	PFAKE	LR	19 12 10.0	+7.8
WWT	comp=Z,700nm,19.0s	Dagmar	132.96	64	PFAKE	LR	19 12 10.0	+7.0
DGMT	comp=Z,900nm,20.0s	EROS Data Cent	133.34	74	PFAKE	LR	19 12 20.0	+1.6
ECSD	comp=Z,1um,18.0s	State Center	133.77	78	PFAKE	LR	19 12 20.0	+1.5
SCIA	comp=Z,900nm,19.0s	Kowa	134.23	205	PFAKE	LR	19 12 20.0	+1.1
GEVA	comp=Z,1um,19.0s	Gevass	134.41	273	PFAKE	LR	19 12 20.0	+1.4
WCI	comp=Z,1um,21.0s	Wyandotte Cave	134.70	87	PFAKE	LR	19 12 20.0	+1.3
HDIL	comp=Z,800nm,20.0s	Hopedale	134.83	83	PFAKE	LR	19 12 20.0	+1.3
MARD	comp=Z,700nm,19.0s	Mardin	134.87	271	PFAKE	LR	19 12 20.0	+1.3
GNI	comp=Z,600nm,19.0s	Garni	134.88	277	PFAKE	LR	19 12 20.0	+1.3
BLO	comp=Z,600nm,20.0s	Bloomington	135.28	86	PFAKE	LR	19 12 20.0	+1.2
INK	comp=Z,900nm,18.0s	Inuvik	135.76	30	PKP	PKPdf	19 12 06.6	-1.0
INK	comp=Z,0.9nm,0.7s,baz=282,slow=5.5,SNR=2.1	Inuvik	135.76	30	ePKPdf	PKPdf	19 12 07.3	-0.3
INK	comp=Z,1um,22.0s	Inuvik	135.76	30	ePKPdf	LR	19 12 07.3	-0.3
JFWS	comp=Z,1um,22.0s	Jewell Farm	136.03	79	PFAKE	LR	19 12 20.0	+1.1
SPMN	comp=Z,2um,20.0s	Marine on St.	136.33	75	PFAKE	LR	19 12 20.0	+1.1
AKH	comp=Z,1um,20.0s	Akhalkakali	136.44	277	PFAKE	LR	19 12 20.0	+1.0
NCAT	comp=Z,600nm,21.0s	North Carolina	136.53	95	PFAKE	LR	19 12 20.0	+1.0
SACV	comp=Z,600nm,19.0s	Santiago Islan	136.70	178	PFAKE	LR	19 12 20.0	+9.0
CNCK	comp=Z,700nm,22.0s	Cliffs of the	136.87	97	PFAKE	LR	19 12 20.0	+9.3
AGMN	comp=Z,900nm,18.0s	Agassiz Nation	136.89	70	PFAKE	LR	19 12 20.0	+1.0
KOPZ	comp=Z,900nm,18.0s	Kop Dagl	137.01	273	PFAKE	LR	19 12 20.0	+8.8
ARTV	comp=Z,800nm,20.0s	Artvin	137.10	275	PFAKE	LR	19 12 20.0	+8.7
YKA	comp=Z,2um,19.0s	Yellowknife Ar	137.82	44	PKP	PKPdf	19 12 12.2	+0.6
ACSO	comp=Z,1.2nm,0.8s,baz=221,slow=2.1,SNR=4.7	Alum Creek Sta	137.82	88	PFAKE	LR	19 12 20.0	+7.5
ULM	comp=Z,700nm,18.0s	Lac du Bonnet	138.17	68	PKP	PKPdf	19 12 13.4	+0.8
ULM	comp=Z,0.9nm,1.0s,baz=45,slow=9.1,SNR=2.9	Lac du Bonnet	138.17	68	ePKPdf	PKPdf	19 12 13.4	+0.8
ULM	comp=Z,1um,21.0s	Lac du Bonnet	138.17	68	PKP	LR	19 12 13.4	+0.8
KIV	comp=Z,1um,21.0s	Kislovodsk	138.66	279	ePKPdf	PKPdf	19 12 15.5	+1.6
KIV	comp=Z,1.0nm,1.0s	Kislovodsk	138.66	279	PKP	PKPdf	19 12 30.0	+1.6
YEMN	comp=Z,1um,21.0s	Ely	138.84	73	PFAKE	LR	19 12 30.0	+1.6
TOKA	comp=Z,800nm,21.0s	Tokat	139.35	270	PFAKE	LR	19 12 30.0	+1.5
CBN	comp=Z,700nm,18.0s	Corbin Frederi	139.39	95	PFAKE	LR	19 12 30.0	+1.5
TAM	comp=Z,900nm,21.0s	Tamanrasset	139.39	281	PFAKE	LR	19 12 30.0	+1.4
BR101	comp=Z,900nm,21.0s	Keskin Array S	140.42	267	ePKPdf	PKP	19 12 11.6	
BR102	comp=Z,0.9nm,0.9s,baz=45,slow=4.9,SNR=2.6	Keskin Array B	140.42	267	ePKPdf	PKP	19 12 11.6	
VRH	comp=Z,1.0nm,1.2s	Novokhopovsk	143.85	287	ePKPdf	PKP	19 12 19.1	-0.8
ACCN	comp=Z,700nm,19.0s	Adirondack Com	145.06	92	PFAKE	LR	19 12 40.0	+1.5
VSR	comp=Z,300nm,0.9s	Storozhevoye	145.16	285	ePKPdf	PKP	19 12 22.2	-2.5
NCB	comp=Z,600nm,20.0s	Newcomb	145.17	91	ePKPdf	LR	19 12 24.6	-0.4
VORR	comp=Z,400nm,1.4s	Galich ya Gora	146.07	287	ePKPdf	PKP	19 12 24.0	-1.4
FRNY	comp=Z,120nm,0.9s	Flat Rock	146.09	90	ePKPdf	PKP	19 12 27.9	+0.1
TRQ	comp=Z,800nm,18.0s	Mont Tremblant	146.50	88	ePKPdf	PKP	19 12 28.3	+0.7
WDD	comp=Z,900nm,21.0s	Wied Dalam	147.13	243	PFAKE	LR	19 12 40.0	+7.2
CFR	comp=Z,300nm,1.4s	Caraliui	147.13	269	ePKPdf	PKP	19 12 31.2	+0.4
VTS	comp=Z,900nm,18.0s	Caraliui	147.13	269	ePKPdf	PKP	19 12 31.2	+0.4
KIS	comp=Z,1um,21.0s	Vitoshka	147.94	261	ePKPdf	PKP	19 12 35.9	+0.5
VTS	comp=Z,1um,21.0s	Vitoshka	147.94	261	ePKPdf	PKP	19 12 35.9	+0.5
KIS	comp=Z,500nm,18.0s	Kishinev	147.96	272	ePKPdf	PKP	19 12 29.0	+1.0
VR1	comp=Z,800nm,19.0s	Vrincioiaia	148.13	268	ePKPdf	PKP	19 12 34.7	+1.1
VR1	comp=Z,800nm,19.0s	Vrincioiaia	148.13	268	ePKPdf	PKP	19 12 34.7	+1.1
HUMR	comp=Z,800nm,19.0s	Humele	148.36	268	ePKPdf	PKP	19 12 37.3	-0.1
PLOR	comp=Z,800nm,19.0s	Plostina	148.36	268	ePKPdf	PKP	19 12 34.2	0.0
MOS	comp=Z,300nm,0.9s	Moscow	148.39	291	ePKPdf	PKP	19 12 26.2	0.0
MOS	comp=Z,96nm,1.6s	Moscow	148.39	291	ePKPdf	PKP	19 12 26.2	0.0
MLR	comp=Z,600nm,19.0s	Muntele Rosu	148.50	267	ePKPdf	PKP	19 12 33.4	-1.3
MLR	comp=Z,1.8nm,0.9s,baz=235,slow=5.4,SNR=9.7	Muntele Rosu	148.50	267	ePKPdf	PKP	19 12 30.7	-0.4
MLR	comp=Z,900nm,18.0s	Muntele Rosu	148.50	267	ePKPdf	PKP	19 12 30.7	-0.4
VAE	comp=Z,3.5nm,0.6s,baz=135,slow=8.2,SNR=2.2	Valguarnea	148.51	245	ePKPdf	PKP	19 12 32.9	+1.6
OBN	comp=Z,49nm,0.8s,baz=245,slow=0.2,SNR=16	Obninsk	148.60	290	ePKPdf	PKP	19 12 33.7	-0.7

OBN	comp=Z,68nm,0.9s	Obninsk	148.60	290	ePKPdf	PKP	19 12 33.8	-0.6
OBN	comp=Z,68nm,0.9s	Obninsk	148.60	290	ePKPdf	PKP	19 12 33.8	-0.6
OBN	comp=Z,68nm,0.9s	Obninsk	148.60	290	ePKPdf	PKP	19 12 33.8	-0.6
TESR	comp=Z,2um,21.0s	Tescani	148.79	289	ePKPdf	PKP	19 12 31.5	+0.2
SORM	comp=Z,2um,21.0s	Soroca	148.92	273	ePKPdf	PKP	19 12 34.5	-1.0

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NNC 09, BUJ 09, IDC 09, etc.

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

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

Table with columns: Call Sign, Frequency, Mode, Power, and other parameters. Includes stations like AKASG, AKBB, KSRSS, KIEV, AK11, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other parameters. Includes stations like KEV, KEVO, ARAO, ARCES, AREO, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other parameters. Includes stations like KONO, RETA, FETA, DOMB, FUORI, etc.

9d 19h

Table with columns: Call sign, Frequency, Power, Mode, and other technical details for various radio stations.

ISCJB 09 19:21:00.4+0.3, 58.28S+0.04, 158.00E+0.09, h10km, mb4.8/39, MS4.4/22, Error ellipse: s-maj=7.2km

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

12 FEB

Main table of radio station data with columns: Call sign, Frequency, Power, Mode, and other technical details.

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Table of radio station data, continuing from the previous table, with columns: Call sign, Frequency, Power, Mode, and other technical details.

WRA Warramunga Arr 30.83 261 P P 20 57 59.4 -0.3
ASAR Alice Springs 31.34 254 P P 20 58 03.8 -0.4

ISCJB 09 21:57:16.5:0.7, 19:05N:0:06:145:6E:0.2, h214km, mb3.3/10, Error ellipse: s-maj=3.0, s-min=8.6km az=0.1
IDC 09 20:57:18.0:2.2, 18:59N:145:66E, h220km, 22km, mb3.1/10, mb1.3/4.12, mb1mx3.1/6.5, mbtmp3.8/12, Error ellipse: s-maj=27.9km, s-min=13.8km az=84.0

Code Station Name Az AzZ Phase ID Time Res ISC
GUM0 Guam 5.46 188 P P 20 58 39.5 +1.2
GUM0 3.7nm, 0.3s, baz=90, slow=8.1, SNR=2.5
MJAR Matsushiro Arr 18.63 341 P P 21 01 20.4 +1.0

BUJ 09 21:17:14.1, 44:89N:93:10E, h10km, ML3.4/7
ISC 09 21:17:13.5:2.2, 45:1N:0:03:93:2E:0.2, h10km, n4, c1941/6, 5C-1D, Mongolia

Code Station Name Az AzZ Phase ID Time Res ISC
WMQ Urumqi 4.15 255 P P 21 18 17.7 +0.8
WMQ comp=N, 150nm, 0.7s smax smax
GTA Gaotai 7.47 137 P P 21 19 36.1 -0.3

ISK 09 21:17:40.6, 38:74N:43:19E, h5km, ML2.5/6
DDA 09 21:17:41.7, 38:73N:43:24E, h21km, ML3.2
ISCJB 09 21:17:42.0:0.4, 38:75N:0:02:43:20E:0.0, h4km, 6km, Error ellipse: s-maj=5.1km, s-min=3.6km az=18.6

CSEM 09 21:17:42.0:0.2, 38:75N:43:21E, h5km, ML2.5, Error ellipse: s-maj=5.1km, s-min=3.6km az=116.0
ISC 09 21:17:42.5:0.9, 38:74N:0:02:43:22E:0.02, h13km, 7km, n30, c1902/48, Turkey

Code Station Name Az AzZ Phase ID Time Res ISC
VANB Van 0.20 138 PG P 21 17 47.4 +0.4
VANB Van 0.20 138 ePG P 21 17 47.4 +0.4
TVAN Van 0.26 146 i P P 21 17 47.4 -0.7

ISCJB 09 21:59:0.4, 49:86N:0:03:18:49E:0:03, h0km, Error ellipse: s-maj=4.2km, s-min=2.4km az=17.4
IPEC 09 21:22:00.0:0.2, 49:84N:18:57E, h0km, 4km, ML1.8/3, Error ellipse: s-maj=2.2km, s-min=1.1km az=161.0

VIE 09 21:22:01.8:1.3, 49:85N:18:48E, h0km, mb1.7/2, ML2.3/3, Error ellipse: s-maj=10.6km, s-min=7.8km az=41.0, Suspected Mining induced.

CSEM 09 21:22:01.0:0.3, 49:82N:18:48E, h1km, ML2.5/9, Error ellipse: s-maj=8.3km, s-min=4.0km az=14.0
ISC 09 21:22:01.2:0.8, 49:82N:0:03:18:52E:0.02, h0km, n30, c085/55, 4D, Czech and Slovak Republics

Code Station Name Az AzZ Phase ID Time Res ISC
OKC Ostrava-Krasne 0.24 275 i/PG P 21 22 06.7 +0.9
OKC comp=Z, 46nm, 0.5s P 21 22 08.9 0.0

NIE Niedzica 1.23 108 ePg P 21 22 24.5 -0.1
NIE Niedzica 1.23 108 eSg S 21 22 41.6 0.0
VYHS Vyhne 1.34 171 eSg P 21 22 26.5 -0.4

SMOL Smolenice 1.49 209 ePN Pn 21 22 29.1 -0.1
SMOL Dobruska-Polom 1.51 291 i/PG P 21 22 28.8 -0.8

DPC Dobruska-Polom 1.51 291 P 21 22 28.8 -0.8
DPC comp=Z, 5.9nm, 0.2s Sg 21 22 49.0 -0.7

UPC Ujice 1.75 294 i eSG P 21 22 57.4 -0.1
UPC Ujice 1.75 294 Sg 21 22 57.4 -0.1

UPC Ujice 1.75 294 Sg 21 22 57.4 -0.1
UPC Ksiaz 1.76 307 ePG P 21 22 35.0 +0.2

STHS Stebnicka Huta 1.82 102 ePN P 21 22 36.0 0.0
STHS Stebnicka Huta 1.82 102 ePN P 21 22 36.0 0.0

KECS Kecov 1.86 135 ePN Pn 21 22 33.7 -0.6
KECS Kecov 1.86 135 eSG S 21 22 58.8 +0.4

KECS Kecov 1.86 135 ePN Pn 21 22 33.7 -0.6
KECS Kecov 1.86 135 eSG S 21 22 58.8 +0.4

PRU Pruhonice 2.58 275 i eSG P 21 23 21.3 +0.8
PRU Pruhonice 2.58 275 Sg 21 23 21.3 +0.8

CONA Conrad Observa 2.58 224 Pn Pn 21 22 43.3 -1.0
CONA Conrad Observa 2.58 224 Pn Pn 21 22 43.3 -1.0

PVCC Panska Ves 2.64 287 i eSG P 21 23 25.2 -0.7
PVCC Panska Ves 2.64 287 Sg 21 23 25.2 -0.7

KHC Kasperske Hory 3.30 260 i PG P 21 23 01.5 +1.0
KHC Kasperske Hory 3.30 260 P 21 23 44.7 -2.3

ISCJB 09 21:31:16.8:0.6, 51:53N:0:03:16:03E:0:03, h0km, Error ellipse: s-maj=4.3km, s-min=2.8km az=22.0
IPEC 09 21:31:18.2:0.3, 51:63N:1:16E, h0km, ML1.8/3, Error ellipse: s-maj=5.2km, s-min=1.9km az=86.0

CSEM 09 21:31:18.3:0.3, 51:58N:16:00E, h2km, ML2.8/12, Error ellipse: s-maj=5.2km, s-min=4.3km az=19.0
VIE 09 21:31:20.0:1.0, 51:43N:15:95E, h0km, mb2.4/4, ML2.3/6, Error ellipse: s-maj=5.2km, s-min=5.2km az=27.0, Suspected Mining induced.

PRU 09 21:31:21.3:51:50N:15:99E, h0km
ISC 09 21:31:17.4:0.9, 51:54N:0:03:16:02E:0:03, h0km, n39, c1904/71, Poland

KSP Ksiaz 0.82 168 ePG P 21 31 33.7 +0.6
KSP Ksiaz 0.82 168 eSg S 21 31 35.6 0.0

KSP Ksiaz 0.82 168 ePG P 21 31 33.7 +0.6
KSP Ksiaz 0.82 168 eSg S 21 31 35.6 0.0

UPC Ujice 1.14 180 P 21 31 39.3 +0.1
UPC Ujice 1.14 180 P 21 31 53.8 -0.2

DPC Dobruska-Polom 1.31 171 ePG P 21 31 42.2 -0.3
DPC Dobruska-Polom 1.31 171 eSG S 21 31 58.2 -1.3

DPC Dobruska-Polom 1.31 171 P 21 31 42.2 -0.3
DPC Dobruska-Polom 1.31 171 Sg 21 31 58.2 -1.3

PVCC Panska Ves 1.44 220 eSG P 21 31 45.0 +0.2
PVCC Panska Ves 1.44 220 eSG S 21 32 04.2 -0.3

BRG Bergjesshubel 1.52 240 PG P 21 31 46.7 +0.2
BRG Bergjesshubel 1.52 240 P 21 32 06.9 +0.6

PRU Pruhonice 1.91 210 ePG P 21 31 52.8 -0.2
PRU Pruhonice 1.91 210 eSG S 21 32 17.0 -0.3

CLL Collim 1.92 261 ePN P 21 31 51.0 -0.3
CLL Collim 1.92 261 ePG P 21 31 54.0 +0.8

MORC Moravsky Berou 2.11 152 ePN Pn 21 31 54.0 -0.3
MORC Moravsky Berou 2.11 152 eSg S 21 32 24.4 -0.8

OKC Ostrava-Krasne 2.26 142 eSG S 21 32 29.9 0.0
OKC Ostrava-Krasne 2.26 142 Sg 21 32 29.9 0.0

VRAC Vranov 2.37 171 eSG P 21 31 57.9 +0.4
VRAC Vranov 2.37 171 eSG S 21 32 31.5 +0.8

KRUC Moravsky 2.60 175 ePG P 21 32 05.1 +0.3
KRUC Moravsky 2.60 175 eSg S 21 32 38.8 +1.5

NKC Novy Kostel 2.67 239 ePN P 21 32 02.1 +0.5
NKC Novy Kostel 2.67 239 ePG P 21 32 08.4 -0.1

NKC Novy Kostel 2.67 239 eSg S 21 32 42.9 -0.1
NKC Novy Kostel 2.67 239 P 21 32 07.4 +1.7

KHC Kasperske Hory 2.96 213 Pn 21 32 07.4 +1.7
SMOL Smolenice 3.26 163 eSG S 21 33 00.5 -1.7

SMOL Smolenice 3.26 163 eSG S 21 33 00.5 -1.7
SMOL Smolenice 3.26 163 eSG S 21 33 00.5 -1.7

LANS Liptovska Anna 3.33 137 eSG P 21 32 21.7 +0.4
LANS Liptovska Anna 3.33 137 eSG S 21 33 03.0 -1.4

LANS Liptovska Anna 3.33 137 eSG P 21 32 21.7 +0.4
LANS Liptovska Anna 3.33 137 eSG S 21 33 03.0 -1.4

BSD Bornholm Skovb 3.54 350 i P 21 32 14.3 +0.7
BSD Bornholm Skovb 3.54 350 i S 21 32 53.7 -2.4

YVHS Vyhne 3.64 149 eSG S 21 33 13.0 -1.3
YVHS Vyhne 3.64 149 eSG S 21 33 13.0 -1.3

STHS Stebnicka Huta 4.01 122 ePG P 21 32 34.9 +0.7
STHS Stebnicka Huta 4.01 122 eSg S 21 33 28.0 +1.8
STHS Stebnicka Huta 4.01 122 ePG P 21 32 34.9 +0.7

ARSA Arzberg 4.41 184 P 21 32 40.9 -1.0
ARSA comp=Z, 0.7nm, 0.3s Sg 21 33 38.8 -0.3

ARSA Arzberg 4.41 184 P 21 32 40.9 -1.0
ARSA comp=Z, 0.7nm, 0.3s Sg 21 33 38.8 -0.3

KBA Koelnbreinsper 4.89 202 Sg Sg 21 33 56.6 +2.1
KBA comp=Z, 2.8nm, 0.7s Sg 21 33 56.6 +2.1

ISCJB 09 21:37:11.7:0.4, 40:63N:0:03:30:23E:0:04, h8km, 5km, Error ellipse: s-maj=5.5km, s-min=4.0km az=42.4
DDA 09 21:37:11.7, 40:64N:30:26E, h7km, ML2.8
ISK 09 21:37:11.4, 40:63N:30:25E, h8km, ML2.7/9

CSEM 09 21:37:11.8:0.1, 40:62N:30:24E, h5km, ML2.7, Error ellipse: s-maj=2.6km, s-min=1.9km az=24.0
ISC 09 21:37:11.8:0.9, 40:63N:0:02:30:25E:0:02, h9km, 6km, n31, c0837/46, Turkey

SPNC Sapanca-Adapaz 0.07 41 PG P 21 37 13.7 -0.2
SPNC Sapanca-Adapaz 0.07 41 ePG P 21 37 15.6 +0.2

SPNC Sapanca-Adapaz 0.07 41 ePG P 21 37 15.6 +0.2
SPNC Sapanca-Adapaz 0.07 41 ePG P 21 37 15.6 +0.2

GEVY SAKARYA, Geyve 0.15 165 i P 21 37 15.1 +0.1
GEVY SAKARYA, Geyve 0.15 165 i S 21 37 17.7 +0.4

GEVY SAKARYA, Geyve 0.15 165 P 21 37 15.1 +0.1
GEVY SAKARYA, Geyve 0.15 165 P 21 37 17.7 +0.4

GULT Gulveren 0.29 134 PG P 21 37 17.6 +0.1
GULT Gulveren 0.29 134 ePG P 21 37 19.6 +0.6

ADVT Abdulvahap 0.43 243 PG P 21 37 20.5 +0.3
ADVT Abdulvahap 0.43 243 ePG P 21 37 20.5 +0.3

KAND Kocaeli-Kandir 0.46 355 i P 21 37 21.9 -0.2
KAND Kocaeli-Kandir 0.46 355 i S 21 37 27.9 +0.9

KAND Kocaeli-Kandir 0.46 355 P 21 37 21.9 -0.2
KAND Kocaeli-Kandir 0.46 355 P 21 37 27.9 +0.9

HRT Hereke 0.48 294 PG P 21 37 21.2 +0.1
HRT Hereke 0.48 294 ePG P 21 37 21.2 +0.1

SAHE Sakarya, HENDEK 0.51 64 i P 21 37 29.0 +0.6
SAHE Sakarya, HENDEK 0.51 64 i S 21 37 29.0 +0.6

MDUB Mudurnu 0.74 102 PG P 21 37 26.0 -0.1
MDUB Mudurnu 0.74 102 ePG P 21 37 26.0 -0.1

BORA Eskisehir 0.77 168 i P 21 37 26.8 +0.3
BORA Eskisehir 0.77 168 i S 21 37 37.9 0.0

IGD Bursa 0.88 246 i P 21 37 28.6 0.0
IGD Bursa 0.88 246 i S 21 37 40.3 +0.3

BUY Buyukada 0.89 285 PG P 21 37 29.1 -0.2
BUY Buyukada 0.89 285 ePG P 21 37 29.1 -0.2

KAVV Kandilli-Istan 1.00 296 PG P 21 37 30.8 -0.1
KAVV Kandilli-Istan 1.00 296 PG P 21 37 30.8 -0.1

ISK Istanbul-Kandi 1.00 296 PG P 21 37 31.1 +0.1
ISK Istanbul-Kandi 1.00 296 ePG P 21 37 31.1 +0.1

ARMT Armutlu 1.06 287 PG P 21 37 31.6 -0.4
ARMT Armutlu 1.06 287 PG P 21 37 31.6 -0.4

BGKT Bogazkoy 1.24 297 Pn Pn 21 37 35.9 +0.3
BGKT Bogazkoy 1.24 297 ePN Pn 21 37 35.9 +0.3

TVSB Tavsanli 1.32 207 Pn Pn 21 37 36.1 -0.4
TVSB Tavsanli 1.32 207 ePN Pn 21 37 36.1 -0.4

CSEM 09 21:46:13.0:0.2, 31:32N:56:46E, h10km, ML3.5, Error ellipse: s-maj=8.5km, s-min=5.2km az=2.0
TEH 09 21:46:12.7, 31:31N:56:46E, h4km, ML3.5, Northern and central Iran

IBAF Bafgh 0.82 291 ePG P 21 46 26.3 -2.1
IBAF Bafgh 0.82 291 ePG P 21 46 26.3 -2.1

IBAF Bafgh 0.82 291 ePG P 21 46 26.3 -2.1
IBAF Bafgh 0.82 291 ePG P 21 46 26.3 -2.1

IMEH Mehriz 1.59 274 ePN P 21 46 40.9 -0.9
IMEH Mehriz 1.59 274 eSg S 21 47 02.3 -0.6

IMEH Mehriz 1.59 274 ePN P 21 46 40.9 -0.9
IMEH Mehriz 1.59 274 eSg S 21 47 02.3 -0.6

IMEH Mehriz 1.59 274 ePN P 21 46 40.9 -0.9
IMEH Mehriz 1.59 274 eSg S 21 47 02.3 -0.6

NGRK Negar Kerman 1.67 172 ePN P 21 46 43.2 +0.1
NGRK Negar Kerman 1.67 172 ePN P 21 46 43.2 +0.1

CHMN Cheshme madani 1.71 147 ePN P 21 46 44.0 +0.4
CHMN Cheshme madani 1.71 147 ePN P 21 46 44.0 +0.4

ICHK Chekchek 1.99 299 ePN Pn 21 46 47.6 +0.3
ICHK Chekchek 1.99 299 eSg S 21 46 52.8 -0.7

IKOO Kooshah 2.43 62 eSg P 21 46 52.8 -0.7
IKOO Kooshah 2.43 62 eSg P 21 46 52.8 -0.7

ISAD Sadrabad 2.45 285 ePN Pn 21 46 53.3 +0.1
ISAD Sadrabad 2.45 285 ePN Pn 21 46 53.3 +0.1

ISAD Sadrabad 2.45 285 ePN Pn 21 46 53.3 +0.1
ISAD Sadrabad 2.45 285 ePN Pn 21 46 53.3 +0.1

2012 FEB

Table with columns: GSC, QJC, STHS, BRTR, OJC, SHPR, TUQ, HEC, BR231, TCRU, CCUT, MURC, MSU, SZCU, TMUT, GMRC, VOIR, LANS, LMTPU, LCMT, Q16A, ULM, LDFO, PFO, PFO, PFO, XPFO, MDND, P18A, BELC, SRU, SRU, MORC, MORC, MORC, DPC, DPC, RWWY, RSSD, RSSD, RSSD, MONP2, IRM, PSZ, PSZ, PSZ, PSZ, YVHS, YVHS, A32A, W13A, IKP, O20A, O20A, SWSC, U15A, CLL, CLL, CLL, CLL, PDMCI, A33A, Y12C, Y12C, GOPC, GOPC, GOPC, PRU, PRU, PRU, GLA, GLA, GLA, PV10, PV04, PHWY, N23A, N23A, PV05

Table with columns: E31A, B34A, C33A, PV01, WUAZ, WUAZ, Y14A, F31A, SMCO, 113A, B35A, CONA, KHC, KHC, KHC, KHC, ISCO, ISCO, ISCO, GEC2, GEC2, GEC2, GERES, GERES, GERES, D34A, GEAO, MVCO, MVCO, E33A, C35A, X16A, VTS, VTS, S22A, GRFO, GRFO, EKA, F33A, ARSA, MOA, C36A, S22A, S22A, 214A, G33A, X18A, EYMN, H33A, G34A, E36A, SDCO, SDCO, ECSD, ECSD, TUC, TUC, TUC, H35A, E38A, WATA, ABTA, MOTA, RETA, MHTC, F38A, T25A, T25A, H36A, I35A, BFO, FETA, ANMO, ANMO, ANMO, F39A, DAVA, E40A, BGNE, SCHQ, SCHQ, SCHQ, K34A, H37A

Table with columns: G38A, ECH, ECH, ECH, H38A, I37A, G39A, FUORN, FUORN, BNM, J36A, 319A, M34A, H39A, G30A, 121A, 121A, J37A, I38A, K36A, CBKS, K37A, H40A, O33A, J38A, I39A, IDI, L37A, J39A, O34A, N35A, I41A, L38A, J40A, P34A, K39A, J41A, K40A, M38A, I42A, L39A, Q34A, H43A, P35A, KSU1, O36A, I43A, AMTX, P36A, MSTX, K41A, MNXX, MNXX, L40A, M39A, N38A, Q35A, J43A, K42A, N39A, Q36A, M40A, P37A, S34A, R35A, O38A, N40A, O39A, P38A, S35A, M41A, T34A, R37A, S36A, Q38A, P39B, T35A, Q39A, N42A, M43A, T36A, S37A, P40A, WMOK

9d 23h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSRS, KSAR, KLR, SONM, WRA, ASAR, ZALV, MKAR, KURK, KURBS, ILAR, BRVK, URZ, ARU, YKA, ARCES, NVAR, FINES, FRB.

DDA 09 22:34:40.2, 42.14N-26.20E, h8km, ML3.5
SOF 09 22:34:40.7, 42.25N-26.20E, h2km, MD3.1
IDC 09 22:34:40.9, 1.2, 42.11N-26.20E, h0km, mb3.4/2,

mb1 3.2/4, mb1mx3.0/58, mbmp3.2/4, ML2.1/2, MS2.9/1,
Ms1 3.0/1, ms1mx2.2/39, Error ellipse: s-maj=22.7km
s-min=1.1, 2km az=68.0
THE 09 22:34:41.2, 42.16N-26.28E, h0km, 2km, ML3.3/11, Error

ellipse: s-maj=3.4km s-min=1.1km az=63.0
BEO 09 22:34:41.9, 0.7, 42.31N-26.15E, h0km, M3.1/4
ATH 09 22:34:41.7, 42.18N-26.19E, h28km, 7km, ML3.3/7, Error

ellipse: s-maj=9.9km s-min=2.0km az=53.0
CSEM 09 22:34:41.7, 0.1, 42.16N-26.11E, h2km, ML3.1, Error
ellipse: s-maj=4.1km s-min=3.1km az=88.0

ISC 09 22:34:41.0, 1.1, 42.19N-0.01, 26.22E, h0km, 9km,
n166, r1551/228, 36C-28D, Bulgaria

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations from JMB to BAYC.

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Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations from BAYC to MKAR.

comp=E, 0.2nm, 0.7s, baz=280, slow=7.2, SNR=2.0

IDC 09 22:36:48.6, 1.4, 45.94N-106.88W, h0km, mb1 3.2/3,
mb1mx3.1/68, mbmp2.9/3, ML2.8/3, Error ellipse:
s-maj=44.1km s-min=9.2km az=130.0
NEIC 09 22:36:52.1, 2.46, 100N:106.49W, h0km, ML2.8, Error

ellipse: s-maj=22.7km s-min=14.4km az=126.0, Suspected
Winning explosion.
NEIC 16 km [10 miles] NE of Colstrip.
ISCJB 09 22:36:53.2, 0.5, 45.97N-106.40W, h0km, Error

ellipse: s-maj=5.5km s-min=4.9km az=44.0
ISC 09 22:36:49.0, 0.8, 46.02N-106.73W, h0km, n13,
r1504/21, Montana

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations from LAO to YKA.

MAN 09 22:52:51, 10.07N-123.45E, h30km, mb3.9, ML2.7, MS2.2,
2C-1D, Cebu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations from TBP to RCP.

MAN 09 23:04:13, 5.81N-124.53E, h33km, mb4.7, ML3.6, MS3.5,
2D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations from GSPH to PAGZ.

CSEM 09 23:15:13.3, 0.4, 67.18N-20.75E, h2km, ML1.5, Error
ellipse: s-maj=9.2km s-min=5.6km az=64.0, Mining
explosion.

UPP 09 23:15:13.2, 0.7, 16N-20.66E, h0km, ML1.0, Mining
explosion.
HEL 09 23:15:13.9, 0.0, 67.17N-20.66E, h0km, ML1.5,
ML1.0(UPP), Explosion, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations from MASU to VAF.

ISCJB 09 23:25:45.8, 0.5, 50.10N-0.03, 19.03E-0.03, h0km, Error
ellipse: s-maj=4.3km s-min=2.4km az=14.4
IPEC 09 23:25:46.0, 0.2, 50.13N-19.15E, h2km, 1km, ML1.9/3,

Error ellipse: s-maj=2.8km s-min=1.1km az=164.0
CSEM 09 23:25:46.4, 0.2, 50.12N-19.10E, h2km, ML2.8/12, Error
ellipse: s-maj=5.8km s-min=3.0km az=11.0

WAR 09 23:25:47.3, 5.0, 10N-19.21E, h1km, Mw2.4
VIE 09 23:25:47.9, 1.3, 50.11N-19.86E, h0km, mb2.2/1, ML2.2/4,
Error ellipse: s-maj=15.4km s-min=10.7km az=149.0,
Suspected Mining induced.

PRU 09 23:25:47.2, 5.0, 12N-19.08E, h0km
ISC 09 23:25:46.8, 0.8, 50.06N-0.03, 19.11E-0.02, h0km, n41,
r089/73, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations from CHZP to OKC.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Ostrava-Krasne, LANS Liptovska Anna, Niedzica, Moravsky Berou, Stebnicka Huta, Vyhne, Dobruska-Polom, Kecovo, Ksiaz, Moravsky, Ulice, Gopce, Pruhonice, Panska Ves, Conrad Observa, KHC, MOA, SJA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Agrelo, ARCO, ASAL, AUSP, RTLS, RTCV, AMOG, etc.

ISCJ 09 23:39:09.0, 1.9, 0.20N, 124.99E, h0km, mb3.3/3, mb1 3.6/3, mb1mx3.3/55, mbtmp3.4/3, MS2.8/1, Ms1 2.8/1, ms1mx2.3/24, Error ellipse: s-maj=195.2km s-min=27.0km az=64.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Cibinong, Labuha, Sanana, Luwli, Namlea, Ampana, Lembang, WRA, ASAR, MKAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mont Dzumac, Charters Tower, etc.

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

MEX 09 23:56:02.4, 0.4, 15.00N, 92.78W, h107km, 22km, MD3.8, Near coast of Chiapas

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

NIED 09 23:56:00.23, 30N, 124.90E, h20km, Mw3.8 Best double couple: M=4.99000x10^14 NP1=14.00000, 858.00000, 1.71.00000, NP2=109.00000, 862.00000, 1.33.00000

JMA 09 23:56:12.9, 0.2, 23.29N, 124.92E, h44km, M3.6, South of Western Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JKRS, HATJ, UJTJ, JJJJ, etc.

CSEM 10 00:15:08.2, 0.4, 37.09N, 44.34E, h2km, ML2.6, Error ellipse: s-maj=6.6km s-min=4.8km az=98.0

DDA 10 00:15:09.3, 17.6N, 44.29E, h7km, ML2.6, Turkey-Iran border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YOVA, CUKT, BASK, SIRS, etc.

ISCJ 10 00:19:02.9, 0.5, 39.10N, 0.03, 29.15E, 0.04, h5km, 6km, Error ellipse: s-maj=6.0km s-min=4.3km az=141.5

CSEM 10 00:19:03.0, 0.1, 39.12N, 29.12E, h5km, ML2.5/6, Error ellipse: s-maj=2.8km s-min=1.9km az=130.0

DDA 10 00:19:03.3, 39.08N, 29.11E, h7km, ML2.5, Error ellipse: s-maj=2.8km s-min=1.9km az=130.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SIMA, AKHA, AARG, GEDZ, DEMI, TVSB, etc.

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

ISCJ 10 00:20:17.8, 1.2, 2.0S, 6.12E, h14km, 11km, M3.4/6, MLv3.4/6

ISCJ 10 00:20:14.4, 0.9, 1.87S, 0.07, 128.42E, 0.05, h10km, n11, c=275/13, mb3.8/3, Halmahera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LBMI, MSAI, NLAI, SANI, SWI, etc.

ISCJ 10 00:20:11.5, 1.1, 2.03S, 128.39E, h0km, mb3.7/3, mb1 3.7/6, mb1mx3.5/50, mbtmp3.6/6, ML3.4/3, Error ellipse: s-maj=28.7km s-min=20.5km az=76.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LBMI, MSAI, NLAI, SANI, SWI, etc.

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

ISCJ 10 00:24:50.2, 0.5, 32.24N, 0.03, 115.24W, 0.04, h20km, 6km, Error ellipse: s-maj=6.4km s-min=4.5km az=154.4

NEIC 10 00:24:51.6, 0.0, 32.23N, 115.27W, h6km, ML2.7(PAS), ML2.9(ECX), After ECX

ECX 10 00:24:51.5, 0.6, 32.23N, 115.27W, h6km, ML2.6, ML2.8 MEX 10 00:24:52.1, 0.7, 32.31N, 115.12W, h16km, 27km, MD3.6

ISCJ 10 00:24:50.1, 1.0, 32.19N, 0.03, 115.30W, 0.03, h12km, 9km, n24, c=69/36, 4C-1D, California-Baja California border region

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

ISCJ 10 00:24:51.6, 0.0, 32.23N, 115.27W, h6km, ML2.6, ML2.8 MEX 10 00:24:52.1, 0.7, 32.31N, 115.12W, h16km, 27km, MD3.6

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

ISCJ 10 00:24:51.6, 0.0, 32.23N, 115.27W, h6km, ML2.6, ML2.8 MEX 10 00:24:52.1, 0.7, 32.31N, 115.12W, h16km, 27km, MD3.6

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

ISCJ 10 00:26:17.7, 0.5, 40.63N, 0.03, 30.22E, 0.04, h8km, 6km, Error ellipse: s-maj=5.4km s-min=4.4km az=135.4

CSEM 10 00:26:17.8, 0.1, 40.63N, 30.24E, h8km, ML2.6, Error ellipse: s-maj=2.6km s-min=2.1km az=19.0

DDA 10 00:26:17.9, 40.63N, 30.26E, h7km, ML2.7, Error ellipse: s-maj=2.6km s-min=2.1km az=19.0

ISCJ 10 00:26:17.4, 40.63N, 30.24E, h9km, ML2.6/6, Error ellipse: s-maj=2.6km s-min=2.1km az=19.0

ISCJ 10 00:26:17.9, 0.9, 40.63N, 0.02, 30.24E, 0.03, h9km, 6km, n26, c=43/40, Turkey

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

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

ISCJ 10 00:37:13.5, 0.5, 38.37N, 0.04, 140.79E, 0.06, h17km, 3km, mb3.4/6, Error ellipse: s-maj=8.4km s-min=5.4km az=31.1

JMA 10 00:37:14.8, 38.37N, 140.80E, h107km, 1km, M3.1

DDA 10 00:37:17.6, 2.8, 38.36N, 140.32E, h133km, 25km, mb3.1/6, mb1 3.2/7, mb1mx3.0/73, mbtmp3.5/7, MS2.2/1, Ms1 3.2/1, ms1mx2.2/14, Error ellipse: s-maj=31.9km s-min=20.8km az=69.0

ISCJ 10 00:37:14.1, 0.8, 38.35N, 0.04, 140.82E, 0.05, h113km, 6km, n23, c=18/37, mb3.5/6, Eastern Heshu

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

10d 1h

2012 FEB

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like RAR, OUZ, TGRZ, PRGZ, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like PMOR, MLZ, VAH, ARMA, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like KKH, MHW, MLOA, SDHH, etc.

OXF	baz=255 Oxford	99.21	57	eP	Pdif	02 00 15.7 +2.1
OXF	comp=Z,17nm,0.9s Oxford	99.21	57	ePdif	Pdif	02 00 15.7 +2.1
D35A	Remer baz=254	99.25	44	P	Pdif	02 00 13.1 -0.5
N40A	Meltrquake, Sal	99.25	50	P	Pdif	02 00 13.4 -0.4
F36A	Mirtca	99.26	45	P	Pdif	02 00 13.5 -0.1
B34A	Aery, Baudette baz=254	99.26	42	P	Pdif	02 00 12.4 -1.2
J38A	Wedel Dairy, R	99.28	48	P	Pdif	02 00 13.0 -0.8
L31A	Vinton baz=254	99.29	49	P	Pdif	02 00 13.8 0.0
P49A	Barry, Barry	99.31	51	P	Pdif	02 00 13.9 -0.1
H37A	Dierke Farm, C baz=254	99.31	46	P	Pdif	02 00 14.1 +0.2
M40A	Post Highland baz=254	99.44	50	P	Pdif	02 00 14.6 +0.1
C35A	Jirik Farms, M baz=254	99.47	43	P	Pdif	02 00 14.1 -0.5
Y46A	Houston baz=255	99.48	58	P	Pdif	02 00 15.2 +0.3
S43A	Fulton Ridge, baz=255	99.50	54	P	Pdif	02 00 15.1 +0.2
Q42A	Golden Eagle baz=255	99.50	52	P	Pdif	02 00 15.1 +0.3
K39A	Delwein baz=254	99.52	48	P	Pdif	02 00 14.7 -0.2
W45A	Hickory Valley baz=255	99.55	56	P	Pdif	02 00 15.2 0.0
O41A	Pasleys Farm, baz=255	99.56	51	P	Pdif	02 00 15.7 +0.6
SPM1	Marine on St. baz=254	99.57	46	P	Pdif	02 00 15.1 +0.1
SPM1	Marine on St. comp=Z,101nm,1.3s	99.57	46	ePdif	Pdif	02 00 15.7 +0.6
OTAV	Otavalo baz=254	99.57	93	ePdif	Pdif	02 00 17.3 +0.9
I38A	Scanlan Farm, baz=254	99.57	47	P	Pdif	02 00 15.4 +0.3
E36A	McGregor baz=254	99.62	44	P	Pdif	02 00 14.8 -0.5
147A	Livingston baz=255	99.64	59	P	Pdif	02 00 15.9 +0.3
U44B	Burton Farm, H baz=255	99.73	55	P	Pdif	02 00 16.2 +0.3
N41A	Harden Midland baz=255	99.74	50	P	Pdif	02 00 16.2 +0.3
T44A	Benton baz=255	99.74	54	P	Pdif	02 00 14.6 -1.4
H38A	Maiden Rock baz=254	99.78	46	P	Pdif	02 00 15.8 -0.2
R43A	Red Bud baz=255	99.79	53	P	Pdif	02 00 16.1 -0.1
B35A	Bob, Littlefor baz=254	99.82	42	P	Pdif	02 00 15.4 -0.7
J39A	Decorah baz=255	99.82	48	P	Pdif	02 00 15.9 -0.3
P42A	Winchester baz=255	99.82	52	P	Pdif	02 00 16.4 +0.1
F37A	Hinrichs Farm, baz=254	99.82	45	P	Pdif	02 00 16.4 +0.3
L40A	Anamosa baz=255	99.83	49	P	Pdif	02 00 16.5 +0.3
D36A	Goodland baz=254	99.86	44	P	Pdif	02 00 16.0 -0.3
X46A	Booneville baz=255	99.88	57	P	Pdif	02 00 16.9 +0.3
V45A	Humboldt baz=255	99.89	56	P	Pdif	02 00 17.1 +0.5
248A	Dixon Mills baz=255	99.92	59	P	Pdif	02 00 18.0 +1.1
499A	Pace baz=255	100.01	61	P	Pdif	02 00 18.0 +0.7
K40A	Colesburg baz=255	100.06	48	P	Pdif	02 00 18.4 +1.2
I39A	Houston baz=255	100.09	47	P	Pdif	02 00 18.2 +0.8
Q43A	New Douglas baz=255	100.14	52	P	Pdif	02 00 19.0 +1.3
M41A	Milan baz=255	100.14	50	P	Pdif	02 00 18.5 +0.8
S44A	Carbondale baz=255	100.16	54	P	Pdif	02 00 18.5 +0.7
O42A	Bath baz=255	100.17	51	P	Pdif	02 00 18.9 +1.0
349A	Repton baz=255	100.18	60	P	Pdif	02 00 19.5 +1.5
W46A	Michie baz=255	100.19	56	P	Pdif	02 00 18.6 +0.6
U45A	Rockin P Farm, baz=255	100.19	55	P	Pdif	02 00 18.7 +0.7
E37A	Wrenshall baz=255	100.20	44	P	Pdif	02 00 17.8 0.0
G38A	Ridgeland baz=255	100.20	46	P	Pdif	02 00 17.4 -0.4
148A	Greensboro baz=255	100.20	59	P	Pdif	02 00 19.1 +1.0
C36A	Pine Crest Far baz=255	100.23	43	P	Pdif	02 00 17.4 -0.5
Y47A	UCPARC, Winfie baz=255	100.30	58	P	Pdif	02 00 18.4 -0.1
D37A	Cotton baz=255	100.34	44	P	Pdif	02 00 18.4 0.0
L41A	Preston baz=255	100.35	49	P	Pdif	02 00 18.7 +0.1
N42A	Yates City baz=255	100.37	50	P	Pdif	02 00 18.7 +0.1
F38A	Price - Schro baz=255	100.39	45	P	Pdif	02 00 19.0 +0.3
R44A	Waltonville baz=255	100.43	53	P	Pdif	02 00 19.1 +0.1
X47A	Russellville baz=255	100.45	57	P	Pdif	02 00 19.7 +0.5
P43A	Skaggs, Pawnee baz=255	100.45	52	P	Pdif	02 00 19.3 +0.3
H39A	Augusta baz=255	100.47	46	P	Pdif	02 00 19.1 +0.1
J40A	Soldiers Grove baz=255	100.52	48	P	Pdif	02 00 19.3 0.0
V46A	Holladay baz=255	100.56	56	P	Pdif	02 00 20.4 +0.7
K41A	Shullsburg baz=255	100.63	49	P	Pdif	02 00 21.3 +1.5
Q44A	Meyer Farm, Va baz=255	100.64	53	P	Pdif	02 00 20.4 +0.4
C37A	Embarrass baz=255	100.64	43	P	Pdif	02 00 20.3 +0.5
U46A	Springville baz=255	100.65	55	P	Pdif	02 00 20.1 +0.1
S45A	Carrie Mills baz=256	100.67	54	P	Pdif	02 00 20.5 +0.4
G39A	Holcombe baz=255	100.70	46	P	Pdif	02 00 21.0 +1.0
I40A	Norwalk baz=256	100.73	47	P	Pdif	02 00 21.3 +1.1
M42A	Sheffield baz=256	100.73	50	P	Pdif	02 00 20.5 +0.2
JFWS	Jewell Farm baz=256	100.74	48	P	Pdif	02 00 21.3 +1.0
JFWS	Jewell Farm comp=Z,85nm,0.6s	100.74	48	ePdif	Pdif	02 00 21.3 +1.0
JFWS	Jewell Farm comp=Z,85nm,0.6s	100.74	48	ePdif	Pdif	02 00 21.3 +1.0
LRAL	Lakeview Retre baz=256	100.77	59	P	Pdif	02 00 21.1 +0.4
LRAL	Lakeview Retre comp=Z,4.3nm,0.6s	100.77	59	ePdif	Pdif	02 00 21.1 +0.6
O43A	Sugar Creek Fa baz=256	100.77	51	P	Pdif	02 00 21.1 +0.6
E38A	The Farm, Brul baz=255	100.77	44	P	Pdif	02 00 20.3 0.0
149A	Jones baz=256	100.83	59	P	Pdif	02 00 21.4 +0.5
W47A	Westpoint baz=256	100.84	56	P	Pdif	02 00 21.1 +0.2
Y48A	Jasper baz=256	100.85	58	P	Pdif	02 00 21.2 +0.3
HDIL	Hopedale baz=256	100.85	51	P	Pdif	02 00 21.5 +0.7
HDIL	Hopedale comp=Z,25nm,0.8s	100.85	51	ePdif	Pdif	02 00 21.5 +0.7

WVT	Waverly baz=256	100.87	56	P	Pdif	02 00 22.1 +1.1
WVT	Waverly baz=256	100.87	56	eP	Pdif	02 00 22.3 +1.3
LW2A	Waverly L42A Oliver, Polo	100.87	56	ePdif	Pdif	02 00 22.3 +1.3
WVT	Waverly baz=256	100.93	49	P	Pdif	02 00 21.7 +0.6
J41A	Loganville baz=256	101.02	48	P	Pdif	02 00 21.7 +0.2
F39A	Loretta baz=256	101.03	45	P	Pdif	02 00 21.7 +0.1
N43A	Stutzman Famil baz=256	101.03	51	P	Pdif	02 00 22.2 +0.5
V47A	Nunnelly baz=256	101.04	56	P	Pdif	02 00 22.5 +0.7
T46A	Princeton baz=256	101.04	55	P	Pdif	02 00 22.7 +0.9
R45A	Skylar, Fairfi baz=256	101.05	53	P	Pdif	02 00 22.2 +0.4
H40A	Chili baz=256	101.07	47	P	Pdif	02 00 21.9 +0.2
X48A	Hartselle baz=256	101.08	57	P	Pdif	02 00 22.1 +0.1
P44A	Sand Creek, Wi baz=256	101.08	52	P	Pdif	02 00 22.6 +0.7
EYMN	Ely baz=256	101.15	43	P	Pdif	02 00 22.5 +0.5
Z49A	Columbiana baz=256	101.19	59	P	Pdif	02 00 22.9 +0.4
251A	Vernon baz=256	101.20	61	P	Pdif	02 00 22.4 +0.2
I41A	Arkdale baz=256	101.29	47	P	Pdif	02 00 23.3 +0.6
Q45A	Warren Harvey, baz=256	101.29	53	P	Pdif	02 00 22.8 0.0
M43A	Waltham Townsh baz=256	101.31	50	P	Pdif	02 00 23.5 +0.6
451A	Pulaski baz=256	101.34	57	P	Pdif	02 00 22.9 -0.2
W46A	Don Dixon Farm baz=256	101.34	54	P	Pdif	02 00 22.9 -0.1
K42A	Prairie Point, baz=256	101.35	49	P	Pdif	02 00 22.6 -0.4
G40A	Rib Lake baz=256	101.36	46	P	Pdif	02 00 22.9 -0.1
O44A	Mansfield baz=256	101.36	51	P	Pdif	02 00 23.0 -0.1
U47A	Clarksville baz=256	101.37	55	P	Pdif	02 00 23.1 -0.2
TAPN	Taplejung baz=256	101.38	295	eP	Pdif	02 00 24.0 +0.1
E39A	Mellen baz=256	101.39	45	P	Pdif	02 00 23.1 0.0
Y49A	Blount Mountai baz=256	101.44	58	P	Pdif	02 00 23.6 -0.1
150A	Eclectic baz=256	101.46	59	P	Pdif	02 00 23.8 0.0
ODAN	Odare comp=Z,75nm,0.9s	101.54	295	eP	Pdif	02 00 24.6 +0.1
F40A	Park Falls baz=256	101.57	45	P	Pdif	02 00 24.1 +0.2
V48A	Smith Brothers baz=256	101.57	56	P	Pdif	02 00 24.1 -0.1
H41A	Junction City baz=256	101.58	47	P	Pdif	02 00 24.1 +0.1
R46A	Gibson Southern baz=256	101.62	54	P	Pdif	02 00 24.4 +0.1
J42A	Columbus baz=256	101.64	48	P	Pdif	02 00 24.9 +0.6
T47A	Sharon Grove baz=256	101.64	55	P	Pdif	02 00 24.8 +0.4
L43A	Garden Prairie baz=256	101.64	49	P	Pdif	02 00 24.8 +0.5
X49A	Woodville baz=256	101.67	57	P	Pdif	02 00 24.9 +0.3
Z50A	Ashland baz=256	101.70	59	P	Pdif	02 00 25.0 +0.2
452A	Marianna baz=256	101.73	61	P	Pdif	02 00 25.2 +0.2
F44A	Graceland, Par baz=256	101.75	52	P	Pdif	02 00 25.3 +0.4
N44A	Piper City baz=256	101.76	51	P	Pdif	02 00 25.2 +0.3
E40A	Waldfield baz=256	101.84	45	P	Pdif	02 00 25.5 +0.4
I42A	Draeger Farm, baz=257	101.92	48	P	Pdif	02 00 25.7 +0.2
Q46A	CEJHS Indians, baz=257	101.93	53	P	Pdif	02 00 26.2 +0.5
O45A	Petomack baz=257	101.94	51	P	Pdif	02 00 26.2 +0.6
M44A	Midewin, Midew baz=257	101.97	50	P	Pdif	02 00 26.0 +0.2
U48A	Cassie Pea, Po baz=257	101.97	55	P	Pdif	02 00 26.2 +0.2
Y50A	Piedmont baz=257	102.00	58	P	Pdif	02 00 26.2 +0.1
C39A	Grand Marais baz=257	102.01	44	P	Pdif	02 00 26.1 +0.3
G41A	Antigo baz=257	102.04	46	P	Pdif	02 00 26.2 +0.2
BOK	Bokaro baz=257	102.09	291	eP	Pdif	02 00 26.2 -0.6
BOK	Bokaro Iamb	102.09	291	eP	Iamb	02 00 29.2
J43A	Natural Harves baz=257	102.16	48	P	Pdif	02 00 26.9 +0.3
P46A	Rosedale baz=257	102.18	52	P	Pdif	02 00 27.3 +0.6
X50A	Fort Payne baz=257	102.20	58	P	Pdif	02 00 27.5 +0.5
F41A	Three Lakes baz=257	102.22	46	P	Pdif	02 00 27.4 +0.5
T48A	Bowling Green baz=257	102.22	55	P	Pdif	02 00 27.5 +0.5
N45A	Kentland baz=257	102.23	51	P	Pdif	02 00 27.4 +0.5
R44A	Rantite comp=Z,14nm,0.7s	102.24	294	eP	Pdif	02 00 27.7 0.0
L44A	Lake County Fo baz=257	102.24				

CHTO	Chiang Mai	38.23 302	eP	P	05 41 25.0 +0.1
CHTO	Chiang Mai	38.23 302	P	P	05 41 25.0 +0.1
CHTO	SNR=21		P	P	05 41 25.0 +0.1
CHTO	SNR=18		P	P	05 41 25.3 +0.4
CHTO	SNR=18		P	P	05 41 25.3 +0.4
H11S3	WAKE ISLAND Hy	38.28 59	T	T	06 22 56.7
H11S2	WAKE ISLAND Hy	38.29 59	T	T	06 22 53.8
H11S1	WAKE ISLAND Hy	38.30 59	T	T	06 22 57.6
H01W3	Cape Leeuwin H	38.48 205	P	P	05 41 28.7 +2.2
H01W1	Cape Leeuwin H	38.49 205	P	P	05 41 28.7 +2.2
KMI	Kunming	38.49 313	P	P	05 41 28.4 +1.2
KMI			pP	pP	05 41 33.5 -2.0
KMI			sP	sP	05 41 35.7 -3.1
KMI			PnPn	S	05 43 01.6 +4.0
KMI			S	S	05 47 21.4 -0.1
KMI			S	S	05 47 21.4 -0.1
KMI	comp=Z,46nm,0.9s				
KMI	comp=Z,380nm,6.2s				
KMI	comp=Z,1µm,18.5s				
KMI	comp=Z,2µm,19.9s				
KMI	comp=Z,3µm,20.5s				
H01W2	Cape Leeuwin H	38.50 205	P	P	05 41 28.3 +1.7
TOO	Toolangi	38.87 164	P	P	05 41 30.8 +0.8
H11N1	WAKE ISLAND Hy	38.99 57	T	T	06 22 51.6
H11N2	WAKE ISLAND Hy	39.00 57	T	T	06 22 54.3
H11N3	WAKE ISLAND Hy	39.00 57	T	T	06 23 10.2
TIA	Tai'an	39.16 340	P	P	05 41 32.5 +0.1
TIA			SS	SS	05 50 23.3 -1.1
TIA			S	S	05 50 23.3 -1.1
TIA	comp=Z,34nm,1.3s				
TIA	comp=Z,360nm,8.4s				
TIA	comp=Z,1µm,16.3s				
TIA	comp=Z,2µm,15.5s				
TIA	comp=Z,1µm,25.7s				
DZM	Mont Dzumac	39.31 126	P	P	05 41 34.8 +0.7
DZM	Mont Dzumac	39.31 126	eP	S	05 41 34.0 0.0
DZM	comp=Z,54nm,1.2s				
DZM	comp=Z,1µm,34.6s				
DZM	comp=Z,3µm,28.7s				
DZM	Mont Dzumac	39.31 126	eP	P	05 41 34.3 +0.3
DZM	comp=Z,51nm,1.4s				
MILA	Mila	39.56 159	P	P	05 41 36.7 +0.9
LHI	Lord Howe Isla	39.79 144	PFAKE	LR	05 41 50.0 +1.2
DL2	Dalian	40.37 347	P	S	05 41 43.3 +0.9
DL2			S	S	05 47 51.2 +2.3
DL2	comp=Z,63nm,1.0s				
DL2	comp=Z,170nm,3.9s				
DL2	comp=Z,1µm,18.9s				
DL2	comp=Z,3µm,17.7s				
DL2	comp=Z,2µm,19.6s				
XAN	Xi'an	40.85 329	P	P	05 41 46.4 -0.1
XAN			pP	pP	05 41 56.1 +1.3
XAN			sP	sP	05 42 01.2 +3.1
XAN			ScP	ScP	05 47 29.2 -5.9
XAN			S	S	05 47 53.2 -3.1
XAN			SS	SS	05 51 00.9 +2.6
XAN	comp=Z,51nm,1.1s				
XAN	comp=Z,980nm,17.2s				
XAN	comp=Z,1µm,18.0s				
XAN	comp=Z,1µm,17.7s				
CD2	Chengdu	41.50 321	P	P	05 41 52.0 +0.1
CD2			sP	sP	05 41 59.3 -0.9
CD2			PP	PP	05 43 28.3 +0.1
CD2			S	S	05 48 08.4 +2.3
CD2			SS	SS	05 51 14.9 +3.6
CD2	comp=Z,100nm,1.2s				
CD2	comp=Z,610nm,8.7s				
CD2	comp=Z,3µm,16.8s				
CD2	comp=Z,3µm,19.2s				
DGPR	DIGLIPUR	41.66 290	eP	I	05 41 52.0 -1.4
TIV	Taiyuan	42.25 336	eP	S	05 41 59.7 +1.7
TIV			S	S	05 48 19.0 +2.0
TIV	comp=Z,62nm,0.8s				
TIV	comp=Z,300nm,7.1s				
TIV	comp=Z,550nm,12.3s				
TIV	comp=Z,810nm,12.7s				
TIV	comp=Z,1µm,27.3s				
SNY	Shenyang	42.79 350	IP	P	05 42 02.5 +0.3
SNY			S	S	05 42 02.5 +0.3
SNY	comp=Z,45nm,1.1s				
SNY	comp=Z,630nm,10.8s				
SNY	comp=Z,2µm,25.0s				
SNY	comp=Z,2µm,15.7s				
SNY	comp=Z,3µm,23.5s				
BJT	Baijiatuu	42.92 341	eP	P	05 42 03.5 +0.2
BJT	Baijiatuu	42.92 341	eP	P	05 42 03.5 +0.2
BJI	Beijing	42.94 341	P	PP	05 42 03.5 +0.1
BJI			S	S	05 43 48.6 +5.1
BJI			S	S	05 48 29.6 +2.7
BJI	comp=Z,110nm,1.3s				
BJI	comp=Z,800nm,9.3s				
BJI	comp=Z,1µm,10.3s				
BJI	comp=Z,3µm,22.5s				
ERM	Erimo	43.22 11	PFAKE	LR	05 42 20.0 +1.4
ERM					
MOO	Moordlands	43.88 165	P	P	05 42 12.2 +1.2
TAU	Tasmania Unive	44.35 165	eP	P	05 42 15.0 +0.3
TAU					
TAU	comp=Z,36nm,0.9s				
TAU	comp=Z,1µm,20.0s				
TAU	Tasmania Unive	44.35 165	eP	P	05 42 15.0 +0.3
TAU	comp=Z,36nm,0.9s				

USRK	Ussuriysk Ar.	44.36 359	P	P	05 42 14.9 +0.1
USRK	comp=Z,15nm,0.9s,baz=181,slow=7.6,SNR=19		LR	LR	05 59 12.4
CN2	Changchun	44.44 352	eP	P	05 42 15.1 -0.3
CN2	comp=Z,1µm,20.6s,baz=150,slow=34		eP	pP	05 42 22.0 -1.8
CN2			eP	PP	05 44 00.5 +1.0
CN2			eS	S	05 48 50.0 +1.4
CN2			eS	SS	05 52 01.6 -7.0
CN2	comp=Z,30nm,1.1s				
CN2	comp=Z,2µm,18.0s				
CN2	comp=Z,1µm,18.0s				
CN2	comp=Z,2µm,19.0s				
MDJ	Mudanjiang	44.86 357	P	P	05 42 18.5 -0.3
MDJ			pP	pP	05 42 25.5 -1.6
MDJ			sP	sP	05 42 28.4 -2.1
MDJ			S	S	05 48 50.4 -4.4
MDJ			ScS	ScS	05 52 10.6 -3.8
MDJ	comp=Z,56nm,1.6s				
MDJ	comp=Z,390nm,5.2s				
MDJ	comp=Z,2µm,18.0s				
MDJ	comp=Z,1µm,20.3s				
MDJ	comp=Z,2µm,18.4s				
MDJ	comp=Z,105nm,1.4s				
LZH	Lanzhou	45.11 326	IP	P	05 42 22.6 +1.5
LZH			pP	pP	05 42 27.5 -2.0
LZH			sP	sP	05 42 30.6 -2.2
LZH			PP	PP	05 44 10.0 +3.1
LZH			S	S	05 49 01.8 +2.8
LZH			S	S	05 49 01.8 +2.8
LZH	comp=Z,79nm,1.0s				
LZH	comp=Z,320nm,4.5s				
LZH	comp=Z,720nm,12.0s				
LZH	comp=Z,960nm,12.4s				
LZH	comp=Z,1µm,13.0s				
ASAJ	Asahikawa	45.15 10	P	P	05 42 22.4 +1.3
ASAJ	comp=Z,3.2nm,0.3s,baz=259,slow=11.3,SNR=3.5				
ASAJ	comp=Z,7.0nm,18.7s,baz=178,slow=35				
HHC	Hu-ho-hao-te	45.29 337	eP	P	05 42 23.9 +1.5
HHC			S	S	05 49 01.5 +0.1
HHC			SS	SS	05 52 20.4 +2.8
HHC	comp=Z,78nm,1.1s				
HHC	comp=Z,500nm,7.3s				
HHC	comp=Z,760nm,17.2s				
HHC	comp=Z,800nm,17.2s				
HHC	comp=Z,1µm,18.6s				
BTO	Baotou	45.70 336	eP	P	05 42 26.0 +0.3
YUK	Yuzh-Kuril'sk	45.73 13	eP	P	05 42 25.2 -0.5
YUK			i	S	05 44 01.7
YUK			S	SS	05 49 08.9 +1.6
YUK			eS	SS	05 52 26.6 -5.4
YUK	comp=Z,315nm,1.4s				
YUK	comp=N,362nm,1.2s				
YUK	comp=E,312nm,1.0s				
YUK	comp=Z,1µm,18.6s				
BRDH	Bariadaha	46.05 303	P	P	05 42 29.3 +0.7
BRDH	comp=Z,65nm,0.3s,baz=288,slow=9.7,SNR=4.2				
FUNA	Funafuti	47.01 101	eP	P	05 42 35.8 -0.4
SHL	Shilong	47.09 306	eP	P	05 42 36.0 -1.0
SHL	comp=Z,16nm,0.8s				
SHL	comp=Z,61nm,0.8s				
SHL	Yuzh-Sakhalins	47.93 91	IP	S	05 49 28.0 +0.1
YSS			e	P	05 42 42.8 0.0
YSS			e	S	05 44 39.0
YSS			eS	S	05 49 39.7 +1.1
YSS	comp=Z,30nm,1.0s				
YSS	comp=N,1µm,18.0s				
YSS	comp=E,1µm,18.0s				
YSS	comp=Z,1µm,17.0s				
YSS	comp=N,900nm,18.0s				
YSS	Yuzh-Sakhalins	47.93 9	eP	P	05 42 42.6 -0.3
YSS	comp=Z,44nm,0.8s				
KLR	Kul'dur	49.40 359	P	P	05 42 54.4 +0.3
KLR	Kul'dur	49.40 359	d/P	P	05 42 54.1 0.0
LSA	Lhasa	49.61 311	P	P	05 42 57.0 +0.3
LSA			pP	pP	05 43 03.0 -2.1
LSA			S	S	05 50 03.1 -0.8
LSA			ScS	ScS	05 52 43.5 -3.9
LSA	comp=N,33nm,0.7s				
LSA	comp=N,300nm,33.4s				
LSA	comp=N,1µm,26.7s				
LSA	comp=N,1µm,26.7s				
LSA	Lhasa	49.61 311	eP	P	05 42 57.4 +0.7
LSA			eP	P	05 42 57.4 +0.7
LSA	comp=Z,42nm,0.8s				
LSA	comp=Z,1µm,22.0s				
LSA	comp=Z,42nm,0.8s				
LSA	comp=Z,1µm,22.0s				
LSA	Lhasa	49.61 311	P	P	05 42 57.8 +1.1
GTA	Gaotai	49.71 327	P	P	05 42 57.4 +0.5
GTA			pP	pP	05 43 04.9 -0.4
GTA			sP	sP	05 43 08.2 -0.4
GTA			PcP	PcP	05 44 18.0 +0.2
GTA			S	S	05 50 03.6 -0.8
GTA			sS	sS	05 50 16.4 -1.8
GTA			ScS	ScS	05 52 47.9 +0.9
GTA	comp=Z,22nm,1.1s				
GTA	comp=Z,420nm,6.6s				
GTA	comp=Z,850nm,16.2s				
GTA	comp=Z,910nm,15.7s				
GTA	comp=Z,1µm,15.7s				
HIA	Hailar	50.68 349	eP	P	05 43 04.6 +0.7
HIA			eP	P	05 43 04.6 +0.7
HIA	comp=Z,56nm,1.4s				
HIA	comp=Z,2µm,21.0s				
HIA	comp=Z,56nm,1.4s				
HIA	comp=Z,2µm,21.0s				
GRNY	Gornyy	51.03 3	eP	P	05 43 05.5 -1.0
TAPN	Tapejung	51.23 306	eP	P	05 43 08.6 -0.2
ODAN	Odare	51.29 306	eP	P	05 43 08.8 -0.4
ODAN	comp=Z,154nm,0.8s				
BOK	Bokaro	51.37 301	eP	I	05 43 10.3 +0.7
BOK			I	I	05 43 11.8
Ouz	Omahuta	51.50 137	eP	P	05 43 12.2 +2.0
Ouz	comp=Z,72nm,1.5s				
TYV	Tymovskoe	51.72 8	eP	P	05 43 12.5 +0.9

TYV			eS	S	05 50 34.3 +2.7
TYV	comp=Z,39nm,1.1s		pmax	pmax	
TYV	comp=Z,400nm,4.5s			smax	
TYV	comp=E,1µm,9.0s				
VIS	Vishakhapatnam	51.78 293	eP	P	05 43 10.8 -1.9
RAMM	Ramite	51.97 305	eP	P	05 43 14.1 -0.2
RAMM	comp=Z,153nm,0.7s				
PALK	Pallekele	52.42 279	iP	P	05 43 17.2 -0.3
PALK	Pallekele	52.42 279	eP	P	05 43 16.3 -1.2
PALK	Pallekele	52.42 279	iP	P	05 43 16.4 -1.1
PALK	SNR=6.0				
JIRN	Jiri	52.59 306	eP	P	05 43 18.7 -0.3
GUN	Gumba	52.94 306	eP	P	05 43 21.2 -0.4
ULN	Ulaanbaatar	52.96 339	eP	P	05 43 21.9 +0.8
ULN			pmax	pmax	
ULN	comp=Z,70nm,1.1s				
ULN	comp=Z,1µm,20.0s				
ULN	comp=Z,70nm,1.1s				
ULN	comp=Z,1µm,20.0s				

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Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries like ZAK, NAGPUR, URUVAKONDA, etc.

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Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries like MK32, MKAR, MKAR, etc.

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Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries like KURK, KURCHATOV, KURCHATOV, etc.

L36A	Harm Buss Farm	120.53	39	P	PKPdf	05 52 55.9	-0.5
G38A	Ridgeland	120.55	35	P	PKPdf	05 52 55.4	-0.9
E39A	Mellen	120.57	33	P	PKPdf	05 52 55.6	-0.7
J37A	Redenius Farm,	120.59	38	P	PKPdf	05 52 56.0	-0.5
F39A	Loretta	120.64	34	P	PKPdf	05 52 55.7	-0.8
R34A	Isabella, Hill	120.66	44	P	PKPdf	05 52 56.1	-0.7
K37A	Belmond	120.83	38	P	PKPdf	05 52 56.3	-0.7
E40A	Wakefield	120.89	33	P	PKPdf	05 52 56.7	-0.3
I38A	Scanlan Farm,	120.92	37	P	PKPdf	05 52 56.5	-0.6
P35A	Duane Minner,	120.93	43	P	PKPdf	05 52 56.8	-0.4
N36A	Muff Farm, Cla	121.00	41	P	PKPdf	05 52 56.8	-0.5
S34A	Willow Spring	121.03	45	P	PKPdf	05 52 57.2	-0.2
WMOK	Wichita Mounta	121.08	49	P	PKPdf	05 52 57.1	-0.6
WMOK	Wichita Mounta	121.08	49	ePKIKP	PKPdf	05 52 57.6	-0.1
H39A	Augusta	121.17	35	P	PKPdf	05 52 56.9	-0.6
Q35A	Mercer Eighty,	121.24	43	P	PKPdf	05 52 57.3	-0.5
ABTX	Ablene, Hawle	121.25	51	P	PKPdf	05 52 58.3	+0.2
T34A	McClaskey Farm	121.28	46	P	PKPdf	05 52 57.5	-0.5
M37A	Trindle Farm,	121.29	40	P	PKPdf	05 52 57.2	-0.2
I39A	Houston	121.30	36	P	PKPdf	05 52 57.2	-1.0
COWI	Conover	121.52	33	ePKIKP	PKPdf	05 52 58.1	-0.1
S35A	Otter Creek Ra	121.60	45	P	PKPdf	05 52 57.5	-1.1
J39A	Decorah	121.69	37	P	PKPdf	05 52 57.4	-1.2
H40A	Chili	121.72	35	P	PKPdf	05 52 57.7	-0.9
F41A	Three Lakes	121.76	33	P	PKPdf	05 52 58.3	-0.3
T35A	Sooner Cattle	121.81	46	P	PKPdf	05 52 58.5	-0.5
M39A	Pleasantville	121.83	39	P	PKPdf	05 52 58.3	-0.8
R36A	Gordon, Harris	121.86	44	P	PKPdf	05 52 58.3	-0.8
O37A	Wolven Farm, M	121.87	41	P	PKPdf	05 52 58.7	-0.3
U35A	Pawnee	121.90	46	P	PKPdf	05 52 59.4	+0.2
U35A	Pawnee	121.90	46	ePKIKP	PKPdf	05 52 58.2	-0.9
JCT	Junction City	121.90	54	P	PKPdf	05 52 59.2	-0.2
JCT	Junction City	121.90	54	ePKIKP	PKPdf	05 52 59.5	+0.1
P37A	Lathrop	122.03	42	P	PKPdf	05 52 58.4	-0.9
S36A	Lake Cedric, C	122.09	44	P	PKPdf	05 52 59.1	-0.4
V35A	Meyer Ranch, C	122.09	47	P	PKPdf	05 52 59.8	+0.3
V35A	Meyer Ranch, C	122.09	47	ePKIKP	PKPdf	05 52 59.7	+0.1
H41A	Junction City	122.14	35	P	PKPdf	05 52 58.6	-0.8
OK020	N3440 Road, Me	122.16	47	ePKIKP	LR	05 52 59.6	0.0
L39A	Vinton	122.19	38	P	PKPdf	05 52 59.1	-0.4
T36A	Boggs Farm, Ca	122.19	45	P	PKPdf	05 52 59.9	+0.1
OK021	N3530 Road, Sp	122.25	47	ePKIKP	PKPdf	05 52 59.0	-0.8
Q37A	Longview Farm,	122.31	43	P	PKPdf	05 52 59.1	-0.8
OK022	N3560 Road, Pr	122.31	47	ePKIKP	LR	05 52 59.7	-0.3
R37A	Teagarden Farm	122.33	43	P	PKPdf	05 52 59.2	-0.8
K40A	Colesburg	122.40	37	P	PKPdf	05 52 59.0	-0.9
M39A	Webster	122.44	39	P	PKPdf	05 52 59.3	-0.8
P38A	Dawn	122.55	41	P	PKPdf	05 52 59.5	-0.8
S37A	Fort Scott	122.60	44	P	PKPdf	05 52 59.9	-0.6
J41A	Loganville	122.68	36	P	PKPdf	05 52 59.3	-1.2
L40A	Anamosa	122.71	38	P	PKPdf	05 52 59.5	-1.0
TUL1	Leonard	122.78	46	P	PKPdf	05 53 00.7	-0.2
TUL1	Leonard	122.78	46	ePKIKP	PKPdf	05 53 00.8	-0.1
JFWS	Jewell Farm	122.81	37	P	PKPdf	05 52 59.3	-1.3
JFWS	Jewell Farm	122.81	37	ePKIKP	PKPdf	05 52 59.4	-1.3
Q38A	Cooks Store, C	122.83	42	P	PKPdf	05 53 00.0	-0.8
T37A	Cheneyville 18	122.84	45	P	PKPdf	05 53 00.6	-0.3
O39A	Kirksville	122.87	40	P	PKPdf	05 53 00.8	-0.1
M40A	Post Highland	122.90	39	P	PKPdf	05 53 00.8	-0.1
R38A	Fenwick Farm,	123.03	43	P	PKPdf	05 53 00.2	-1.1
U37A	Salina	123.04	45	P	PKPdf	05 53 00.9	-0.5
P39B	Salisbury	123.14	41	P	PKPdf	05 53 00.3	-1.1
N40A	Mertquake, Sal	123.14	39	P	PKPdf	05 53 00.8	-0.6
Q39A	Willow Grove F	123.22	42	P	PKPdf	05 53 01.1	-0.5
V37A	Hubert	123.27	46	P	PKPdf	05 53 01.2	-0.6
S38A	Stockton	123.30	44	P	PKPdf	05 53 00.8	-1.0
T38A	Diamond	123.33	44	P	PKPdf	05 53 01.4	-0.5
O40A	La Belle	123.37	40	P	PKPdf	05 53 01.3	-0.6
SCHQ	Schefferville	123.38	13	PKP	PKPdf	05 53 01.1	-0.4
K42A	Prairie Point,	123.42	36	P	PKPdf	05 53 01.1	-0.8
M41A	Milan	123.52	38	P	PKPdf	05 53 00.9	-1.3
R39A	Gravette	123.55	45	P	PKPdf	05 53 01.6	-0.8
U38A	Chumby, Stover	123.55	43	P	PKPdf	05 53 01.3	-0.9
P40A	Paris	123.58	41	P	PKPdf	05 53 02.0	-0.3
S39A	Bolivar	123.67	43	P	PKPdf	05 53 02.2	-0.4
X37A	Clayton	123.69	48	ePKIKP	PKPdf	05 53 02.9	+0.2
L42A	Oliver, Polo	123.69	37	P	PKPdf	05 53 01.6	-0.9
V38A	Canehill	123.80	46	P	PKPdf	05 53 02.1	-0.7
Q40A	Laux Farm, Aux	123.84	41	P	PKPdf	05 53 02.1	-0.7
MOIG	Morelia	123.87	66	PFAKE	LR	05 53 02.0	+1.6
HHAR	Hobbs	123.94	45	ePKIKP	PKPdf	05 53 02.4	-0.7
T39A	Cleaver	123.97	44	P	PKPdf	05 53 02.8	-0.3
O41A	Passleys Farm,	124.01	40	P	PKPdf	05 53 02.7	-0.4
F46A	Macinaw City C	124.05	31	P	PKPdf	05 53 02.6	-0.4
K43A	Burlington	124.06	36	P	PKPdf	05 53 02.3	-0.8

TAM	Tamanrasset	124.06	297	ePKIKP	PKPdf	05 53 03.5	-0.4
TAM	Tamanrasset	124.06	297	ePKIKP	PKPdf	05 53 03.5	-0.4
R40A	Maddies Statio	124.08	42	P	PKPdf	05 53 02.7	-0.6
P41A	Barry, Barry	124.14	40	P	PKPdf	05 53 03.1	-0.2
U39A	Green Forest	124.21	45	P	PKPdf	05 53 02.8	-0.8
S40A	Lebanon	124.28	43	P	PKPdf	05 53 03.0	-0.7
G009	Cerro Castillo	124.36	161	ePKIKP	PKPdf	05 53 03.1	-0.3
V39A	Pettigrew	124.36	45	P	PKPdf	05 53 03.2	-0.8
ES19	SONSECA Array	124.37	320	ePKIKP	PKPdf	05 53 03.6	-0.3
Q41A	Truon	124.42	41	P	PKPdf	05 53 03.5	-0.4
ESDC	Sonsea Array	124.42	320	PKP	PKPdf	05 53 03.1	-0.9
ESDC	comp=2.4,4nm,1.0s,baz=58,slow=7.6,SNR=10.0			PP		05 54 50.1	+0.6
M43A	Waltham Townsh	124.45	37	P	PKPdf	05 53 03.3	-0.6
T40A	Mansfield	124.50	43	P	PKPdf	05 53 03.4	-0.8
W39A	Magazine	124.56	46	P	PKPdf	05 53 03.6	-0.7
N43A	Stutzman Famil	124.61	38	P	PKPdf	05 53 02.8	-1.4
X39A	Fountain Ranch	124.65	47	P	PKPdf	05 53 04.5	0.0
P42A	Winchester	124.65	40	P	PKPdf	05 53 03.9	-0.5
U40A	Tellie	124.67	44	P	PKPdf	05 53 04.1	-0.4
R41A	Rosebud	124.67	42	P	PKPdf	05 53 04.2	-0.3
PAB	San Pablo	124.74	320	ePKIKP	PKPdf	05 53 04.9	+0.2
PAB	San Pablo	124.74	320	ePKIKP	PKPdf	05 53 04.8	+0.2
HDIL	Hopedale	124.76	38	P	PKPdf	05 53 03.9	-0.6
HDIL	Hopedale	124.76	38	ePKIKP	PKPdf	05 53 03.7	-0.8
S41A	Jilico Farms,	124.80	43	P	PKPdf	05 53 03.9	-0.9
CCM	Cathedral Cave	124.89	42	P	PKPdf	05 53 04.4	-0.5
CCM	Cathedral Cave	124.89	42	ePKIKP	PKPdf	05 53 04.4	-0.5
V40A	Witts Springs	124.96	45	P	PKPdf	05 53 04.5	-0.6
MIAR	Mount Ida	125.02	47	P	PKPdf	05 53 05.2	0.0
MIAR	Mount Ida	125.02	47	ePKIKP	PKPdf	05 53 04.5	-0.7
MIAR	Mount Ida	125.02	47	ePKIKP	PKPdf	05 53 04.5	-0.7
R42A	Luebbing	125.07	41	P	PKPdf	05 53 04.3	-0.9
T41A	Mountain View	125.07	43	P	PKPdf	05 53 04.6	-0.6
W40A	Ferguson Farm,	125.08	46	P	PKPdf	05 53 05.2	-0.1
W40A	Ferguson Farm,	125.08	46	ePKIKP	PKPdf	05 53 05.4	-0.8
P43A	Skaggs, Pawnee	125.14	39	P	PKPdf	05 53 05.2	-0.1
U41A	Viola	125.32	44	P	PKPdf	05 53 05.2	-0.6
Q42A	Caledonia	125.35	42	P	PKPdf	05 53 05.1	-0.7
S43A	New Douglas	125.42	40	P	PKPdf	05 53 05.6	-0.3
V41A	Mountainview	125.44	45	P	PKPdf	05 53 05.6	-0.4
NATX	Nacogdoches	125.46	50	P	PKPdf	05 53 06.3	+0.1
NATX	Nacogdoches	125.46	50	ePKIKP	PKPdf	05 53 06.2	0.0
MVO	Nomcorvo	125.46	323	ePKIKP	PKPdf	05 53 06.5	+0.5
FVLR	French Village	125.48	42	ePKIKP	PKPdf	05 53 05.1	-1.0
FVLR	French Village	125.48	42	ePKIKP	PKPdf	05 53 05.0	-1.0
Y40A	Okolona	125.49	47	P	PKPdf	05 53 06.4	+0.3
T42A	Van Buren	125.54	43	P	PKPdf	05 53 05.7	-0.5
R43A	Red Bud	125.64	41	P	PKPdf	05 53 06.3	0.0
PGAV	Gaviera, Arco	125.69	325	ePKIKP	PKPdf	05 53 08.3	+1.9
PCAB	Cabril	125.72	324	ePKIKP	PKPdf	05 53 07.1	+0.7
WLAR	White Oak Lake	125.76	47	ePKIKP	PKPdf	05 53 07.9	+0.4
POLO	Lamas de Olo	125.79	324	ePKIKP	PKPdf	05 53 07.0	+0.4
U42A	Revenden	125.79	44	P	PKPdf	05 53 05.9	-0.7
PVRL	Vila Real	125.80	324	ePKIKP	PKPdf	05 53 07.2	+0.6
PVRL	Vila Real	125.81	46	ePKIKP	PKPdf	05 53 07.2	+0.6
P44A	University of	125.81	39	P	PKPdf	05 53 06.1	-0.5
X41A	Kaden, Bauxite	125.82	46	P	PKPdf	05 53 06.6	-0.1
Q44A	Miley Farm, Va	125.89	40	P	PKPdf	05 53 06.7	0.0
O45A	Potomac	125.91	38	P	PKPdf	05 53 06.7	0.0
V42A	Cord	125.97	44	P	PKPdf	05 53 06.2	-0.8
Y41A	Eaglette Beard	126.04	47	P	PKPdf	05 53 06.9	-0.3
T43A	Greenville	126.06	42	P	PKPdf	05 53 06.6	-0.5
PBM0	Poplar Bluff	126.12	43	ePKIKP	PKPdf	05 53 06.9	-0.4
Z41A	Richland Creek	126.19	48	P	PKPdf	05 53 07.4	-0.1
MTE	Mantigas	126.24	323	ePKIKP	PKPdf	05 53 08.1	+0.6
P45A	Graceand, Par	126.33	39	P	PKPdf	05 53 07.4	-0.1
U43A	Rector	126.36	43	P	PKPdf	05 53 07.1	-0.6
S44A	Carbondale	126.41	41	P	PKPdf	05 53 07.8	0.0
Q45A	Warren Harvey,	126.44	39	P	PKPdf	05 53 08.0	+0.2
PCBR	Castelo Branco	126.53	322	ePKIKP	PKPdf	05 53 08.5	+0.6
OLIL	Oney	126.57	40	P	PKPdf	05 53 08.5	+0.4
P46A	Rosedale	126.61	38	P	PKPdf	05 53 08.0	0.0
HBAR	Harrisburg	126.64	44	PFAKE	LR	05 53 20.0	+1.2
PARMO	Parma	126.64	43	ePKIKP	PKPdf	05 53 08.3	+0.1
Z41A	Mo Tay, Golden	126.67	49	P	PKPdf	05 53 09.4	+1.0
R45A	Skyler, Fairri	126.71	40	P	PKPdf	05 53 08.3	+0.0
PMRV	Marv???	126.73	322	ePKIKP	PKPdf	05 53 09.3	+0.9
341A	Kirchwood	126.79	50	P	PKPdf	05 53 09.5	+0.8
Z42A	Norrel Spur, H	12					

Table with columns: YLE, comp, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like Quail, Cuckoo, Corbin Frederi, Hopewell Churc, Paso Flores, Kowa, Cliffs of the, New Hope, Dimbokro, Disney Wildern, Toumoudi, Lamto, Tornquist, JuntasAbangare, JuntasAbangare, Las Campanas, Mount Denham, Greenitch, Ascension, ASCENSION HYDR66, ASCENSION HYDR66, ASCENSION HYDR66, ASCENSION HYDR66, YHJ Yallahs, BBTS Babate, BCP Isla Barro Col, GTBV Guanantama Bay, PB10 IPOC Station P, ATAH Atahualpa, NNA Nana, NNA Nana, NNA Nana, PB04 IPOC Station P, TUMC Tumaco, GFTK Grand Tik, OTAV Otavalo, SOLC Bahia Solano, PB01 IPOC Station P, SDRR Presa de Saban, PB11 IPOC Station P, DBBC Dabeiba, HORQ Saladito, SOTA Riobancho, YOTC Yotoco, Valle, MNMC Minye Minye, PCON Cinco Dias, HELC Santa Helena, MARP Paez Belalcazar, SDD Santo Domingo, GUYC Guyana, ZARC Zaragoza, Cauc, FLOC Florencia, CPUP Villa Florida, CPUP Villa Florida, CPUP Villa Florida, NORC Norcasia, PRAC Prado, PRAC Prado, CODC Agust'n Codaz, ROSC El Rosal, ROSC El Rosal, BRRC Barranca, Sant, OCAC Ocan, SJAC San Juan de Ar, GIRC Giron, Santand, BARC Barichara, AGP Aguadilla, LA Paz 130, LPZAZ La Paz, LPZAZ La Paz, LPZAZ La Paz, RUSC La Rusia, RUSC La Rusia, PAMC Pamplona, Col, SJG San Juan, SJG San Juan, CBYP Canovanas, SDV Santo Domingo, SDV Santo Domingo, SPB Sao Paulo, SABA Saba, SEUS St. Eustatius, SEUS St. Eustatius, SIV San Ignacio, SIV San Ignacio, RCBR Riachuelo, PTGA Pitinga, PTGA Pitinga.

IDC 10 05:36:20.7.0.2, 0.28S:132.78E, h0km, mb4.8/10, mb1 5.0/11, mb1mx4.4/57, mbtmp4.8/11, MLS: /1, Error ellipse: s-maj=17.7km s-min=13.0km az=148.0

Table with columns: NEIC, Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like SUII Sorong, SUII Sorong, TMTI Ternate, DAV Davao City (W), WRTN Manton Dam, WRI Warramunga Arr, WRA Warramunga Arr, AS31 Alice Springs, ASAR Alice Springs, AS01 Alice Springs, MBWA Marble Bar, STKA Stephens Creek, PSI Prapat, ARMA Armidale, WSJI Woorji Array Si, CM31 Chiang Mai Arr, CM31 Chiang Mai Arr, H11S2 WAKE ISLAND Hy 38.35, H11S2 WAKE ISLAND Hy 38.34, H11S1 WAKE ISLAND Hy 38.35, H11N1 WAKE ISLAND Hy 39.05, H11N2 WAKE ISLAND Hy 39.05, H11N3 WAKE ISLAND Hy 39.05, SONA Songino Array, SONA Songino Array, BKZ Black Stump Fm, MK01 Makanchi Array, MK02 Makanchi Array, MKAR Makanchi Array, MAZK Makanchi, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZAA1 Zalesovo Array, KURK Kurchatov, KURB Kurchatov Arr, KKAR Karatay Array, GEYL Alibek, PPLA Purkeypile, IM3 Indian Mountai, SUA Sushita One, KTH Kantishna Hill, RC01 Rabbit Creek A, MLY Manley, RML Sawmill, RND Reindeer, SCM Sheep Creek Mo, MDM Murphy Dome, CCB Clear Creek Bu, HDA Harding Lake, ILAR Eielson Array, ILB Eielson Array, ILI Eielson Array, DOT Dot Lake, QSPA South Pole Qui, INK Inuvik, INK Inuvik, YKA Yellowknife Arr, TXAR Lajitas Arr, SCHO Schefferville, TORD Torodi Arr, TOA1 Torodi Arr, PLCA Paso Flores, PB11 IPOC Station P, MNMC Minye Minye, CPUP Villa Florida, CPUP Villa Florida, CBJI Chichijima, CBJI Chichijima, JCHJ Chichijima, JHJU Hohna-jm, JHJU Hohna-jm, BSO1 Boso, BSO3 Boso, BSO4 Boso, BSO4 Boso, JRY Ryogami san, MJAR Miyagashiro Arr, MAT Matsushiro, KRSR Kera Array, USRK Ussuriysk Arr, KURB Kurchatov Arr.

ISCJB 10 05:37:32.2.1.4, 27.56N:139.91E, h477km, 10km, mb3.3/5, mb1 3.4/9, mb1mx3.1/72, mbtmp4.1/9, Error ellipse: s-maj=18.1km s-min=12.0km az=24.0

Table with columns: YKA, FINES, AKASG, NVAR, Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like Yellowknife Arr, FINESS Array B, Malin Array B, Mina Array B.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like CGIC Comitan, CGIC Comitan, CGIC Comitan, CGIC Comitan, CGIC Comitan.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like AGUA GUANDACOL, VCA Vinchina, VCA Vinchina, AMOG MOGNA, AMOG MOGNA, CYA Choya, CYA Choya, RTCV Cerro Valdivia, RTLS Leoncito, RTLS Leoncito.

NEIC 10 06:01:52.1.0.0, 51.84N:171.22W, h28km, ML3.4(AEIC), After AEIC, ISCJB 10 06:01:53.7.0.6, 52.07N:109.171.33W, 0.06, h44km, mb3.7/13, Error ellipse: s-maj=14.0km s-min=3.9km

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like KOFF Korovin Flat, KOFF Korovin Flat, KOKV Korovin Volcan, KOKV Korovin West, KOKL Mount Kluchef, KOKW Korovin West, OKSP Okmok Steeple, OKSP Okmok W'ing Wal, GSTD Great Sitkin, MSOM Makushin Julie, ADAG Mount Adagad, MSW Makushin Switc, MTBL Makurda Bay, KIKV Kanaga Island, AKUT Akutan, TAPA Tanaga Point A, TAFP Tanaga Falls P, TASE Tanaga Steeple, TANO Tanaga North, SPIA Saint Paul Isl, KDAK Kodiak Island, ILAR Eielson Array, PETK Petropavlovsk, INK Inuvik, YKA Yellowknife Arr, H1N2 WAKE ISLAND Hy 36.47, H1N3 WAKE ISLAND Hy 36.48, H1N1 WAKE ISLAND Hy 36.49, NVAR Nindaga, PDAR Pinedale Array, SONM Sonoma, TXAR Lajitas Arr, ARCES ARCES Array B, KURBB Kurchatov Arr, MKAR Makanchi Array, AFI Afiamatu, HFS Hagfors, AKRO Aktuyubinsk, AKRO Aktuyubinsk.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like GBJJ Greenwich, BWJ Bamboo Saint A, STH Stony Hill, HOJ Hope, YHJ Yallahs, MCJ Malvern, MCJ Malvern.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like PCIG Comitan, PCIG Comitan, PCIG Comitan, PCIG Comitan, PCIG Comitan.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy, ILAR Eielson Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time Res, h, m, s, ISC. Includes stations like KURK, KURBB, KURBB, MK31, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time Res, h, m, s, ISC. Includes stations like VYHS, VYHS, BUBR0, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time Res, h, m, s, ISC. Includes stations like KDAD, KDAD, SVW2, etc.

10d 6h

O44A	Mansfield	55.71	67	P	P	06 38 03.0	-1.8
U40A	Yellville	55.73	73	P	P	06 38 03.4	-1.6
SCO	Scorebysund	55.76	12	eP	P	06 38 04.6	0.0
SCO	Scorebysund	55.76	12	eP	P	06 38 03.7	-0.9
SCO	Scorebysund	55.76	12	eP	P	06 38 04.6	0.0
N45A	Kentland	55.79	66	P	P	06 38 04.2	-1.1
Q43A	New Douglas	55.82	69	P	P	06 38 05.0	-0.6
W39A	Magazine	55.87	75	P	P	06 38 05.8	-0.8
S42A	Caledonia	55.98	71	P	P	06 38 05.6	-1.1
O45A	Potomac	56.07	66	P	P	06 38 06.5	-0.8
P44A	Sand Creek, WI	56.09	68	P	P	06 38 06.4	-1.1
V40A	Witts Springs	56.13	74	P	P	06 38 06.7	-1.1
R43A	Red Bud	56.14	70	P	P	06 38 06.7	-1.1
Q44A	Meyer Farm, Va	56.24	68	P	P	06 38 07.9	-0.6
X39A	Fountain Ranch	56.25	76	P	P	06 38 08.1	-0.5
U41A	Viola	56.29	73	P	P	06 38 07.4	-1.6
T42A	Van Buren	56.31	71	P	P	06 38 07.5	-1.6
SF1N	Lafayette	56.34	66	P	P	06 38 07.7	-1.5
W40A	Ferguson Farm,	56.40	74	P	P	06 38 08.9	-0.8
W40A	Ferguson Farm,	56.40	74	eP	P	06 38 09.5	-0.2
SCHO	Schefferville	56.50	42	eP	P	06 38 09.5	-0.7
SCHO	Schefferville	56.50	42	eP	P	06 38 10.2	0.0
S43A	Fulton Ridge	56.53	70	P	P	06 38 09.1	-1.5
V41A	Mountainview	56.53	73	P	P	06 38 09.3	-1.4
MIAR	Mount Ida	56.54	75	eP	P	06 38 10.1	-0.7
MIAR	Mount Ida	56.54	75	eP	P	06 38 10.9	+0.2
MIAR	Mount Ida	56.54	75	eP	P	06 38 10.9	+0.2
R44A	Waltonville	56.65	69	P	P	06 38 10.2	-1.2
U42A	Reviden	56.69	72	P	P	06 38 10.7	-1.0
Q45A	Warren Harvey,	56.74	68	P	P	06 38 10.9	-1.2
T43A	Greenville	56.74	71	P	P	06 38 10.5	-1.6
ZAA1	Zalesovo Array	56.75	317	eP	P	06 38 11.4	-0.5
ZAA1	Zalesovo Array	56.75	317	eP	P	06 38 07.9	+0.6
ZAA1	Zalesovo Array	56.75	317	eP	P	07 03 32.7	+2.1
ZALV	Zalesovo Beam	56.75	317	eP	P	06 38 11.4	-0.5
ZALV	Zalesovo Beam	56.75	317	eP	P	06 39 07.8	+0.6
ZALV	Zalesovo Beam	56.75	317	eP	P	07 03 32.7	
X301	Greenbrier Sit	56.77	74	eP	P	06 38 12.1	-0.2
NVS	Novosibirsk	56.79	318	iP	P	06 38 12.2	+0.1
NVS	Novosibirsk	56.79	318	iP	P	06 38 12.2	+0.1
NVS	Novosibirsk	56.79	318	iP	P	06 38 12.2	+0.1
OL1L	Olney	56.88	68	eP	P	06 38 12.2	-0.8
W41B	Gary Mavity, V	56.90	74	P	P	06 38 12.4	-0.8
S44A	Carbondale	56.92	70	P	P	06 38 12.3	-1.1
O47A	Sheridan	56.95	66	P	P	06 38 12.6	-1.0
V42A	Cord	56.97	73	P	P	06 38 13.0	-0.7
X40A	Basin Creek Fa	57.03	75	P	P	06 38 13.3	-0.8
R45A	Skyilar, Fairir	57.08	69	P	P	06 38 13.4	-1.0
Y40A	Okolona	57.09	76	P	P	06 38 13.6	-1.1
WHN	Wuhan	57.12	279	P	P	06 38 14.3	-0.6
T44A	Benton	57.15	70	P	P	06 38 14.2	-0.8
P47A	Parma	57.34	71	eP	P	06 38 16.2	-0.2
P47A	Martinsville	57.41	66	P	P	06 38 15.8	-1.0
WLAR	White Oak Lake	57.41	76	eP	P	06 38 17.3	+0.4
BLO	Bloomington	57.48	67	eP	P	06 38 16.5	-0.8
BLO	Bloomington	57.48	67	eP	P	06 38 16.5	-0.8
BLO	Bloomington	57.48	67	eP	P	06 38 16.5	-0.8
Y41A	Eaglette Beard	57.58	75	P	P	06 38 17.4	-0.6
US1N	University of	57.66	68	eP	P	06 38 19.1	+0.6
Q47A	Bedord North L	57.70	67	P	P	06 38 17.9	-1.0
XAN	Xi'an	57.95	285	P	P	06 38 20.6	-0.1
XAN	Xi'an	57.95	285	P	P	06 38 20.6	-0.1
AR5A	ARCESS Array A	58.04	353	eP	P	06 38 19.9	-0.9
ARAO	ARCESS Array A	58.04	353	eP	P	06 39 12.0	-0.1
ARAO	ARCESS Array A	58.04	353	eP	P	07 03 22.5	+1.3
ARCES	ARCESS Array B	58.04	353	eP	P	06 38 19.9	-0.9
ARCES	ARCESS Array B	58.04	353	eP	P	06 39 12.0	-0.1
ARCES	ARCESS Array B	58.04	353	eP	P	07 03 22.5	
R47A	Woolly Knot Far	58.08	67	P	P	06 38 20.2	-1.3
T46A	Princeton	58.16	69	P	P	06 38 21.2	-0.9
X43A	Marvell	58.16	73	P	P	06 38 21.5	-0.7
WCI	Wyandotte Cave	58.26	67	P	P	06 38 21.8	-0.9
WCI	Wyandotte Cave	58.26	67	eP	P	06 38 22.5	-0.3
WCI	Wyandotte Cave	58.26	67	eP	P	06 38 22.5	-0.3
U46A	Springville	58.47	70	P	P	06 38 23.4	-0.9
T47A	Sharon Grove	58.65	69	P	P	06 38 24.0	-1.5
S48A	Wiedeman Farm,	58.79	68	P	P	06 38 25.0	-1.3
WVT	Waverly	58.83	70	P	P	06 38 25.7	-1.1
WVT	Waverly	58.83	70	eP	P	06 38 26.4	-0.4
WVT	Waverly	58.83	70	eP	P	06 38 26.4	-0.4
WVT	Waverly	58.83	70	eP	P	06 38 26.4	-0.4
V46A	Holladay	58.89	71	P	P	06 38 25.6	-1.6
U47A	Clarksville	58.93	69	P	P	06 38 26.4	-1.1
TRQ	Mont Tremblant	59.00	54	eP	P	06 38 27.4	-0.5
OXF	Oxford	59.04	73	P	P	06 38 28.0	-0.2

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OXF	Oxford	59.04	73	eP	P	06 38 27.8	-0.4
OXF	Oxford	59.04	73	eP	P	06 38 27.8	-0.4
OXF	Oxford	59.04	73	eP	P	06 38 27.8	-0.4
X45A	UM Field Stati	59.11	73	P	P	06 38 28.2	-0.5
W46A	Michie	59.21	71	P	P	06 38 28.2	-1.2
V47A	Nunnely	59.22	70	P	P	06 38 28.6	-0.9
U48A	Cassie Pea, Po	59.31	69	P	P	06 38 29.3	-0.8
Y45A	Yeager Farm, C	59.41	73	P	P	06 38 29.5	-1.3
GTA	Gaotai	59.46	296	P	P	06 38 30.9	-0.3
GTA	Gaotai	59.46	296	P	P	06 38 50.0	-1.3
GTA	Gaotai	59.46	296	P	P	06 46 33.5	-3.0
GTA	Gaotai	59.46	296	P	P	06 47 06.3	+5.3
GTA	Gaotai	59.46	296	P	P	06 50 30.3	-1.2
GTA	Gaotai	59.46	296	P	P	06 38 30.9	-0.3
GTA	Gaotai	59.46	296	P	P	06 38 50.0	-1.3
GTA	Gaotai	59.46	296	P	P	06 46 33.5	-3.0
GTA	Gaotai	59.46	296	P	P	06 47 06.3	+5.3
GTA	Gaotai	59.46	296	P	P	06 50 30.3	-1.2
PLAL	Pickwick Lake	59.49	71	eP	P	06 38 30.5	-0.8
X46A	Booneville	59.49	72	P	P	06 38 30.4	-1.0
LZH	Lanzhou	59.49	291	eP	P	06 38 32.4	+0.8
LZH	Lanzhou	59.49	291	eP	P	06 39 53.9	+1.6
LZH	Lanzhou	59.49	291	eP	P	06 39 01.0	+1.5
LZH	Lanzhou	59.49	291	eP	P	06 40 45.4	+2.4
LZH	Lanzhou	59.49	291	eP	P	06 47 07.1	+5.5
LZH	Lanzhou	59.49	291	eP	P	06 50 30.5	-1.9
LZH	Lanzhou	59.49	291	eP	P	06 38 32.4	+0.8
LZH	Lanzhou	59.49	291	eP	P	06 39 53.9	+1.6
LZH	Lanzhou	59.49	291	eP	P	06 39 01.0	+1.5
LZH	Lanzhou	59.49	291	eP	P	06 40 45.4	+2.4
LZH	Lanzhou	59.49	291	eP	P	06 47 07.1	+5.5
LZH	Lanzhou	59.49	291	eP	P	06 50 30.5	-1.9
LZH	Lanzhou	59.49	291	eP	P	06 38 32.4	+0.8
LZH	Lanzhou	59.49	291	eP	P	06 39 53.9	+1.6
LZH	Lanzhou	59.49	291	eP	P	06 39 01.0	+1.5
LZH	Lanzhou	59.49	291	eP	P	06 40 45.4	+2.4
LZH	Lanzhou	59.49	291	eP	P	06 47 07.1	+5.5
LZH	Lanzhou	59.49	291	eP	P	06 50 30.5	-1.9
LZH	Lanzhou	59.49	291	eP	P	06 38 32.4	+0.8
LZH	Lanzhou	59.49	291	eP	P	06 39 53.9	+1.6
LZH	Lanzhou	59.49	291	eP	P	06 39 01.0	+1.5
LZH	Lanzhou	59.49	291	eP	P	06 40 45.4	+2.4
LZH	Lanzhou	59.49	291	eP	P	06 47 07.1	+5.5
LZH	Lanzhou	59.49	291	eP	P	06 50 30.5	-1.9
LZH	Lanzhou	59.49	291	eP	P	06 38 32.4	+0.8
LZH	Lanzhou	59.49	291	eP	P	06 39 53.9	+1.6
LZH	Lanzhou	59.49	291	eP	P	06 39 01.0	+1.5
LZH	Lanzhou	59.49	291	eP	P	06 40 45.4	+2.4
LZH	Lanzhou	59.49	291	eP	P	06 47 07.1	+5.5
LZH	Lanzhou	59.49	291	eP	P	06 50 30.5	-1.9
LZH	Lanzhou	59.49	291	eP	P	06 38 32.4	+0.8
LZH	Lanzhou	59.49	291	eP	P	06 39 53.9	+1.6
LZH	Lanzhou	59.49	291	eP	P	06 39 01.0	+1.5
LZH	Lanzhou	59.49	291	eP	P	06 40 45.4	+2.4
LZH	Lanzhou	59.49	291	eP	P	06 47 07.1	+5.5
LZH	Lanzhou	59.49	291	eP	P	06 50 30.5	-1.9
LZH	Lanzhou	59.49	291	eP	P	06 38 32.4	+0.8
LZH	Lanzhou	59.49	291	eP	P	06 39 53.9	+1.6
LZH	Lanzhou	59.49	291	eP	P	06 39 01.0	+1.5
LZH	Lanzhou	59.49	291	eP	P	06 40 45.4	+2.4
LZH	Lanzhou	59.49	291	eP	P	06 47 07.1	+5.5
LZH	Lanzhou	59.49	291	eP	P	06 50 30.5	-1.9
LZH	Lanzhou	59.49	291	eP	P	06 38 32.4	+0.8
LZH	Lanzhou	59.49	291	eP	P	06 39 53.9	+1.6
LZH	Lanzhou	59.49	291	eP	P	06 39 01.0	+1.5
LZH	Lanzhou	59.49	291	eP	P	06 40 45.4	+2.4
LZH	Lanzhou	59.49	291	eP	P	06 47 07.1	+5.5
LZH	Lanzhou	59.49	291	eP	P	06 50 30.5	-1.9
LZH	Lanzhou	59.49	291	eP	P	06 38 32.4	+0.8
LZH	Lanzhou	59.49	291	eP	P	06 39 53.9	+1.6
LZH	Lanzhou	59.49	291	eP	P	06 39 01.0	+1.5
LZH	Lanzhou	59.49	291	eP	P	06 40 45.4	+2.4
LZH	Lanzhou	59.49	291	eP	P	06 47 07.1	+5.5
LZH	Lanzhou	59.49	291	eP	P	06 50 30.5	-1.9
LZH	Lanzhou	59.49	291	eP	P	06 38 32.4	+0.8
LZH	Lanzhou	59.49	291	eP	P	06 39 53.9	+1.6
LZH	Lanzhou	59.49	291	eP	P	06 39 01.0	+1.5
LZH	Lanzhou	59.49	291	eP	P	06 40 45.4	+2.4
LZH	Lanzhou	59.49	291	eP	P	06 47 07.1	+5.5
LZH	Lanzhou	59.49	291	eP	P	06 50 30.5	-1.9
LZH	Lanzhou	59.49	291	eP	P	06 38 32.4	+0.8
LZH	Lanzhou	59.49	291	eP	P	06 39 53.9	+1.6
LZH	Lanzhou	59.49	291	eP	P	06 39 01.0	+1.5
LZH	Lanzhou	59.49	291	eP	P	06 40 45.4	+2.4
LZH	Lanzhou	59.49	291	eP	P	06 47 07.1	+5.5
LZH	Lanzhou	59.49	291	eP	P	06 50 30.5	-1.9
LZH	Lanzhou	59.49	291	eP	P	06 38 32.4	+0.8
LZH	Lanzhou	59.49	291	eP	P	06 39 53.9	+1.6
LZH	Lanzhou	59					

CSEM 10 06:45:29.7,0.5,38.63N,43.65E,h5km,ML2.0,Error ellipse: s-maj=11.7km s-min=6.8km az=123.0

DDA 10 06:45:29.8,38.64N,43.63E,h7km,ML2.5 ISK 10 06:45:30.1,0.8,38.64N,0.04,43.63E,h5km,ML2.0/3

ISCJBJ 10 06:45:29.6,1.0,38.70N,0.03,43.57E,0.04,h26km,4km, n18, r1946/34, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include VANB Van, VMUR Van-Muradiye, CLDR Caldiran, GEVA Gevas, BITLIS_Adilcev, HAKT HAKKARI, GURO Guroymak-BITLI, IGDIR IGDIR.

KNET 10 06:49:16.6,0.2,42.93N,74.58E,h17km,1km,ml2.8,Error ellipse: s-maj=2.0km s-min=1.5km az=159.0

KRNET 10 06:49:17.7,0.1,42.94N,74.55E,h18km,mb3.8 SOME 10 06:49:17.6,42.92N,74.53E,h15km

NNC 10 06:49:18.7,0.8,42.54N,74.83E,h0km,mb3.6,mpv3.4, Error ellipse: s-maj=9.8km s-min=2.2km az=175.0

ISC 10 06:49:17.7,0.8,42.95N,0.02,74.54E,0.01,h11km,6km, n69, r118/131, 46C-5ZD, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include FRU1 Bishkek, CHMS Chumysh, AAK Ala-Archa, USP Oshpenovka, KBK Karagaybulak, EKS2 Erkin-Say, UCH Uchtor, TKM2 Tokmak 2, BMNS Besmoynak, DGS Degeres, MRKS Merke, KZA Kyzart, AML Almayashu.

Main table with columns: KST, KasteK, Time, Res, Pg. Rows include KST 261nm,0.6s, MTBS Maibute, BOOM Boomskiye usch, ULHL Ulahol, MNAS Manas, TOKL Toktogul, KUU Kurty, KKB Karagaybulak, MDOK Medeo, ARSB Arslanbob, CHKK Chushkaly, KURS Kuram, SATY Saty, ZHN Zhnishke, KK31 Karatay Array, SFK Sufi-Kurgan, UZB Uzunbulak, IUG Iuzhnay, PDGK Podgomoye, DJR JarKent, MAKZ Makanchi, MK31 Makanchi Array, AB31 Abkubal array, AB31 Abkubal array.

MOS 10 06:52:42.3,0.9,52.13N,171.17E,h33km,mb4.8/46, Error ellipse: s-maj=7.8km s-min=6.1km az=90.9

NEIC 10 06:52:43.9,0.0,52.04N,171.35W,h41km,mb4.6/122, ML2.4(AEIC), After AEIC.

ISCJBJ 10 06:52:44.3,0.4,52.07N,0.03,171.37W,0.02,h55km,3km, mb4.6/163, MS3.9/20, Error ellipse: s-maj=5.4km s-min=2.2km az=176.4

IDC 10 06:52:44.5,1.7,52.13N,171.44W,h38km,13km,mb4.2/43, mb1.4/3/45, mb1mx4.2/79, mbtmp4.4/45, ML3.7/2, MS3.9/18, Ms1.3/9/18, ms1mx3.6/66, Error ellipse: s-maj=15.3km s-min=8.7km az=175.0

BUJ 10 06:52:44.9,52.71N,172.01W,h33km,mb5.0/39, mb5.1/27, Ms4.7/11, Ms7.4/4/11

ISC 10 06:52:44.3,0.7,51.96N,0.07,171.35W,0.03,h41km,5km, n603, r190/610, mb4.6/164, MS3.9/20, 12C-6D, Fox

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KOPF Korovin Flat P, KOKV Korovin Volcan, KOKL Mount Kliuchef, KOWF Korovin West, OKSE Okmok Steeple, OKRE Okmok R'deer P, GSTD Great Sitkin T, ADAG Mount Adagdak, MREP Makushin Rep'Y, MSW Makushin Switc, MTBL Makushin Table, UNV Unalaska Valle, UNV Unalaska Valle, KIRH Kanaga Island, KIKV Kanaga Island, AKRB Akutan Reef Bi, AHB Akutan Harbor, AKUT Akutan, TAPA Tanaga Point A, SFAF Seward, TANO Tanaga North, WESP Westdahl Peak, SSLW Shishaldin Wes, SSLN Shishaldin Nor, SPSA Saint Pauli Isl, SPSA Saint Pauli Isl, ISLZ Isanotski Laza, FALS False Pass, SDPT Sand Point, CHGN Chignik, SMY Shmya, SMY Shmya, GAMB Gambell, KDAK Kodiak Island, KDAK Kodiak Island, KDAK Kodiak Island, SVWZ Sparrevohn, BRLL Bradley Lake, SEU Mount Spurr, SPW Seward, SUSA Susitna One, RCO1 Rabbit Creek A, PPLA Purkeypile, CAST Castle Rocks, PMR Palmer, PMR Palmer, KTH Kantishna Hill, SML Sawmill, SML Sawmill, SML Sawmill, TRF Thorofare Moun, BPWA Bear Paw Mtn, FID Port Fidalgo, SCM Sheep Creek Mo, SCM Sheep Creek Mo, RND Reindeer, RND Reindeer, IM3 Indian Mount, MCK McKinley, MCK McKinley, KLU Klutina, DHY Denali Highway, BMRM Bremner River, HARP HAARP, CCB Clear Creek Bu, PAX Paxson, PAX Paxson, PAX Paxson, MDM Murphy Dome, HDA Harding Lake, IL1 Eielson Array, ILAR Eielson Array, ILAR Eielson Array, ILB Eielson Array, PET Petropavlovsk, DOT Dot Lake, COLD Coldfoot, PE1A Petropavlovsk, PE0A Petropavlovsk, PETK Petropavlovsk, PETK Petropavlovsk, BILL Biilbino, BILL Biilbino, BILL Biilbino, FYU Fort Yukon, TOLK Toolik Lake Re, TOLK Toolik Lake Re, EGAK Egnatkin, HAIN Haines Junctio, DAWY Dawson, SKAG Skagway, WHY Whitehorse.

SEY	comp=Z,30nm,1.4s Seymchan	22.06 314 P	P	06 57 35.3 0.0
MA2	Magadan	22.37 305 P	P	06 57 39.4 +0.8
MA2	Magadan	22.37 305i eP	P	06 57 39.7 +1.2
DLBC	Dease Lake	24.14 58 eP	P	06 57 58.8 +2.6
INK	Inuvik	24.36 34 P	P	06 57 57.2 -0.8
INK	Inuvik	comp=Z,2.8nm,0.5s,baz=252,slow=10.0,SNR=27 PcP	P	07 01 37.7 +1.5
INK	Inuvik	comp=Z,2.6nm,1.1s,baz=326,slow=5.3,SNR=3.9 eP	P	06 57 57.6 -0.4
INK				07 01 37.7
INK	comp=Z,8.0nm,0.9s Inuvik	24.36 34 eP	P	06 57 57.6 -0.4
INK	comp=Z,7.8nm,0.9s Inuvik	24.36 34 eP	P	06 57 57.6 -0.4
BBB	Bella Bella	26.29 72 LR	LR	07 01 37.7 +1.5
BBB	Bella Bella	comp=Z,2.73nm,19.1s,baz=100,slow=32 ScP	LR	07 06 34.4
NKL	Nikolayevsk	28.76 292 eP	P	06 58 37.0 -0.7
NKL				06 59 30.8
NKL				06 59 49.0
B05A	Bryant	31.31 77 P	P	06 59 01.6 +1.3
ASAJ	Asahikawa	31.33 274 P	P	06 59 00.5 0.0
ASAJ	Asahikawa	comp=Z,9.6nm,0.8s,baz=354,slow=3.5,SNR=4.7 31.33 274 eP	P	06 59 00.5 0.0
ASAJ	Asahikawa	comp=Z,2.2nm,1.2s 31.33 274 eP	P	06 59 00.5 0.0
YKA	Yellowknife Ar	31.42 48 P	P	06 59 00.5 -0.6
YKA	Yellowknife Ar	comp=Z,0.8nm,0.3s,baz=275,slow=7.9,SNR=19 ScP	ScP	07 05 33.7 +0.6
YKA	Yellowknife Ar	comp=Z,0.3nm,0.9s,baz=299,slow=3.3,SNR=5.1 LR	LR	07 12 03.1
YKA	Yellowknife Ar	comp=Z,1.4nm,20.0s,baz=0.0,slow=37 LR	LR	07 12 03.1
TIXI	Tiksi	32.46 329 P	P	06 59 08.7 -1.4
TIXI	Tiksi	comp=Z,0.6nm,0.4s,baz=98,slow=7.8,SNR=3.4 PcP	PcP	07 01 56.3 +0.1
TIXI	Tiksi	comp=Z,1.3nm,0.2s,baz=82,slow=2.5,SNR=4.5 32.46 329i eP	P	06 59 09.3 -0.8
TIXI	Tiksi	comp=Z,1.0nm,1.0s 32.46 329i eP	P	06 59 09.8 -1.0
YAK	Yakutsk	32.52 311i eP	P	06 59 09.8 -1.0
YAK	Yakutsk	comp=Z,1.5nm,0.9s 32.52 311i eP	P	06 59 14.9 +0.3
B08A	Colville Reser	32.93 75 eP	P	06 59 14.9 +0.3
B08A	Colville Reser	comp=Z,5.7nm,0.8s 32.93 75 eP	P	06 59 17.0 +2.2
H04A	Detroit Lake	32.95 83 eP	P	06 59 23.2 +1.4
D08A	Wollman Farm	33.77 77 eP	P	06 59 23.2 +1.4
YBH	Yreka	34.21 88 P	P	06 59 27.8 +2.0
YBH	Yreka	comp=Z,2.3nm,0.8s,baz=340,slow=11.1,SNR=3.9 LR	LR	07 10 29.5
J05D	Fort Reek, OR	34.26 84 P	P	06 59 27.8 +1.4
NEW	Newport	34.29 74 P	P	06 59 27.0 +0.6
NEW	Newport	comp=Z,9.0nm,0.8s 34.29 74 eP	P	06 59 27.4 +1.0
NEW	Newport	comp=Z,9.0nm,0.8s 34.29 74 eP	P	06 59 27.4 +1.0
M04C	Macdoel	34.72 87 P	P	06 59 31.2 +1.0
F10A	Beach Ranch, E	35.32 78 eP	P	06 59 36.3 +0.9
KLR	Kul'dur	35.44 289 P	P	06 59 34.2 -2.0
O03D	Paynes Creek	35.59 89 P	P	06 59 38.8 +1.0
WALA	Waterton Lakes	35.83 71 eP	P	06 59 40.7 +0.9
BMO	Blue Mountains	35.84 79 eP	P	06 59 41.5 +1.6
BMO	Blue Mountains	comp=Z,1.5nm,1.8s 35.84 79 eP	P	06 59 41.5 +1.6
ZEA	Zeya	36.11 298 eP	P	06 59 41.2 -0.7
JTMT	Jette	36.22 73 eP	P	06 59 44.3 +1.2
WVOR	Wild Horse Val	36.33 84 eP	P	06 59 45.5 +1.4
WVOR	Wild Horse Val	comp=Z,9.0nm,0.9s 36.33 84 eP	P	06 59 45.5 +1.4
H11N2	WAKE ISLAND Hy	36.39 216 T	T	07 38 23.4
H11N3	WAKE ISLAND Hy	36.40 216 T	T	07 38 24.1
H11N1	WAKE ISLAND Hy	36.41 216 T	T	07 38 24.8
MSO	Missoula	36.87 75 P	P	06 59 48.8 +0.2
MSO	Missoula	comp=Z,2.8nm,1.0s 36.87 75 eP	P	06 59 50.2 +1.6
RES	Resolute Bay	37.26 25 LR	LR	07 19 47.6
PAHR	Pah Rah Range	37.44 88 eP	P	06 59 55.0 +1.4
H11S1	WAKE ISLAND Hy	37.59 216 T	T	07 39 53.2
H11S2	WAKE ISLAND Hy	37.60 216 T	T	07 39 52.9
H11S3	WAKE ISLAND Hy	37.60 216 T	T	07 39 54.4
PNTR	Pine Nut	37.68 89 eP	P	06 59 56.4 +0.7
USRK	Ussuriysk Ar	37.78 281 LR	LR	07 14 47.0
YERR	Yerington	37.96 89 eP	P	06 59 58.6 +0.5
WAKR	Walker	38.13 90 eP	P	07 00 01.4 +1.8
HLID	Hailey	38.29 79 P	P	07 00 01.6 +0.8
HLID	Hailey	comp=Z,3.0nm,0.8s 38.29 79 eP	P	07 00 01.6 +0.8
MAJO	Matsushiro	38.46 267i eP	P	07 00 03.3 +1.2
MAJO	Matsushiro	comp=Z,2.6nm,0.9s 38.46 267 eP	P	07 00 02.3 +0.2
MAT	Matsushiro	38.46 267 P	P	07 00 02.2 +0.1
MAT	Matsushiro	comp=Z,2.2nm,0.9s 38.46 267 S	S	07 05 43.4 -1.1
MJAR	Matsushiro Arr	38.46 267 P	P	07 00 02.5 +0.5
MJAR	Matsushiro Arr	comp=Z,5.0nm,0.8s,baz=51,slow=5.9,SNR=8.1 LR	LR	07 15 40.5
MJB9	Matsu-Tunnel	38.46 267 eP	P	07 00 02.3 +0.2
MCMT	McKenzie Canyo	38.55 77 eP	P	07 00 03.8 +0.8
RYN	Ryan	38.62 89 eP	P	07 00 05.0 +1.4
KVN	Kaiserville	38.63 88 eP	P	07 00 05.1 +1.4
KVN	Kaiserville	comp=Z,10.0nm,1.5s 38.63 88 eP	P	07 00 05.1 +1.4
EGMT	Eagleton	38.75 71 P	P	07 00 04.9 +0.4
EGMT	Eagleton	comp=Z,8.8nm,1.0s 38.75 71 eP	P	07 00 05.1 +0.6
BOZ	Bozeman (W)	38.88 75 P	P	07 00 05.7 0.0
BOZ	Bozeman (W)	comp=Z,1.6nm,0.8s 38.88 75 eP	P	07 00 06.1 +0.5
BOZ	Bozeman (W)	comp=Z,1.5nm,1.4s 38.88 75 eP	P	07 00 06.1 +0.5
NV01	Mina Array Sid	38.88 89 eP	P	07 00 06.8 +1.0
NVAR	Mina Array Bea	38.88 89 P	P	07 00 07.2 +1.4
NVAR	Mina Array Bea	comp=Z,2.1nm,0.7s,baz=298,slow=7.7,SNR=16 ScP	ScP	07 06 01.4 +0.2
NVAR	Mina Array Bea	comp=Z,0.7nm,0.7s,baz=279,slow=4.3,SNR=7.1 LR	LR	07 12 26.1
MDBP	Devils Postpil	38.90 91 eP	P	07 00 07.5 +1.5
YMR	Madison River	39.77 76 P	P	07 00 14.6 +1.4
TIN	Tinemaha, Big	39.78 91 P	P	07 00 14.5 +1.3
YNR	Norris Junctio	39.92 76 P	P	07 00 16.9 +2.5
FFC	Flin Flon	39.97 58 eP	P	07 00 14.6 +0.2
FFC	Flin Flon	comp=Z,6.0nm,1.0s 39.97 58 eP	P	07 00 14.6 +0.2
VFS	Vesta, Richgr	40.03 93 P	P	07 00 16.1 +1.0
H17A	Grant Village	40.15 76 P	P	07 00 17.0 +0.6
H17A	Grant Village	comp=Z,5.5nm,1.0s 40.15 76 eP	P	07 00 17.7 +1.3
LKWY	Lake	40.17 76 eP	P	07 00 18.9 +2.4
LKWY	Lake	comp=Z,7.0nm,0.8s 40.17 76 eP	P	07 00 18.9 +2.4
LKWY	Lake	comp=Z,6.9nm,0.8s 40.17 76 eP	P	07 00 18.9 +2.4
IMW	Indian Meadow	40.21 77 eP	P	07 00 17.9 +1.0
CWC	Cottonwood Cre	40.27 91 P	P	07 00 18.4 +1.1
HVU	Hansel Valley	40.29 81 eP	P	07 00 18.9 +1.5
HVU	Hansel Valley	comp=Z,6.0nm,0.7s 40.29 81 eP	P	07 00 18.9 +1.5
GRAC	Grapevine Rang	40.36 90 P	P	07 00 19.1 +1.2
ISA	Isabella, Lake	40.53 92 P	P	07 00 20.1 +0.7
ISA	Isabella, Lake	comp=Z,6.0nm,1.0s 40.53 92 eP	P	07 00 20.0 +0.6
ISA	Isabella, Lake	comp=Z,6.0nm,1.0s 40.53 92 eP	P	07 00 20.0 +0.6
RLMT	Red Lodge	40.54 74 P	P	07 00 20.3 +0.7
RLMT	Red Lodge	comp=Z,1.4nm,1.0s 40.54 74 eP	P	07 00 20.6 +1.1
R11A	Troy Canyon, C	40.61 87 eP	P	07 00 21.1 +0.9
R11A	Troy Canyon, C	comp=Z,3.0nm,0.8s,baz=332,slow=8.1,SNR=5.0 40.61 87 eP	P	07 00 21.1 +0.9
R11A	Troy Canyon, C	40.61 87 eP	P	07 00 21.1 +0.9
BGIJ	Big Grass Mou	40.63 92 eP	P	07 00 21.1 +0.9
DAC	Darwin (Calif)	40.67 91 eP	P	07 00 21.8 +1.1
DAC	Darwin (Calif)	comp=Z,5.0nm,0.9s 40.67 91 eP	P	07 00 21.8 +1.1
MPMC	Manual Prospec	40.88 91 P	P	07 00 23.6 +1.2
FURC	Furnace Creek,	41.00 90 P	P	07 00 24.3 +1.1
TPNV	Topopah Spring	41.08 89 P	P	07 00 24.7 +0.7
TPNV	Topopah Spring	comp=Z,3.0nm,0.8s,baz=294,slow=3.3,SNR=22 41.08 89 eP	P	07 00 25.2 +1.2
TPNV	Topopah Spring	comp=Z,10.0nm,0.9s 41.08 89 eP	P	07 00 25.2 +1.2
LRMC	Laurel Mtn Rad	41.13 92 P	P	07 00 24.8 +0.4
DUG	Dugway, Tooele	41.20 83 P	P	07 00 25.6 +0.7
DUG	Dugway, Tooele	comp=Z,1.1nm,1.3s 41.20 83 eP	P	07 00 26.0 +1.1
DUG	Dugway, Tooele	comp=Z,1.1nm,1.3s 41.20 83 eP	P	07 00 26.0 +1.1
EDW2	Edwards Air Fo	41.33 93 P	P	07 00 27.0 +1.0
LAO	LASA Array	41.49 70 eP	P	07 00 28.6 +1.4
LAO	LASA Array	comp=Z,2.8nm,1.7s 41.49 70 eP	P	07 00 28.6 +1.4
TCUT	Tooele Canyon	41.51 81 eP	P	07 00 29.2 +1.6
PSUT	Pine Spring	41.57 85 eP	P	07 00 29.3 +1.3
BW06	Boulder Array	41.68 77 P	P	07 00 28.9 0.0
BW06	Boulder Array	comp=Z,3.8nm,0.8s 41.68 77 eP	P	07 00 29.1 +0.1
PD31	Pinedale Array	41.68 77 eP	P	07 00 29.1 +0.1
PDAR	Pinedale Array	41.68 77 eP	P	07 00 29.1 +0.1
PDAR	Pinedale Array	comp=Z,2.1nm,1.5s,baz=263,slow=2.4,SNR=4.7 41.68 77 eP	P	07 00 29.1 +0.1
DGMT	Dagmar	41.73 67 P	P	07 00 29.4 +0.3
SHOC	Shoshone, Teco	41.73 90 P	P	07 00 30.1 +0.9
JLU	Jordanelle	41.79 81 eP	P	07 00 30.8 +0.9
GSC	Goldstone, Bar	41.79 91 P	P	07 00 30.5 +0.7
GSC	Goldstone, Bar	comp=Z,2.4nm,1.6s 41.79 91 eP	P	07 00 31.0 +1.2
GSC	Goldstone, Bar	comp=Z,9.0nm,0.8s 41.79 91 eP	P	07 00 31.0 +1.2
NLU	North Lily Min	41.80 82 eP	P	07 00 31.3 +1.4
BFSC	Mout Baldy Ra	41.97 93 P	P	07 00 31.9 +0.7
MUPE	Maple Canyon	42.03 82 eP	P	07 00 33.1 +1.3
TQU	Turquoise Moun	42.25 91 P	P	07 00 34.0 +0.4
HIA	Hailar	42.32 295i P	P	07 00 32.8 -0.6
HIA	Hailar	comp=Z,2.7nm,0.9s 42.32 295 eP	P	07 00 33.2 -0.6
HEC	Hector,Ludlow	42.39 92 P	P	07 00 34.9 +0.3
BBRO	Big Bear Solar	42.41 93 P	P	07 00 35.0 +0.1
CCUT	Cedar City	42.48 86 P	P	07 00 36.7 +1.2
JJC	Chichijima	42.62 253 LR	LR	07 16 35.6
MURC	Murrieta	42.68 94 P	P	07 00 37.3 +0.3
TMUT	Trail Mountain	42.73 83 eP	P	07 00 39.1 +1.5
GMRC	Granite Mounta	42.84 91 P	P	07 00 38.7 +0.3
LCMT	Little Creek M	42.90 87 eP	P	07 00 40.2 +1.4
MTPU	Mount Pierson	42.92 20 eP	P	07 00 40.6 +1.5
TULEG	Thule	42.92 20 eP	P	07 00 38.5 +0.2
LDFC	Ludfair	42.99 90 eP	P	07 00 40.8 +1.3
P18A	Preston Nutter	43.11 82 eP	P	07 00 42.3 +1.5
PFO	Pinyon Flats O	43.12 93 P	P	07 00 41.5 +0.8
PFO	Pinyon Flats O	comp=Z,1.7nm,0.7s 43.12 93 eP	P	07 00 41.6 +0.9
PFO	Pinyon Flats O	comp=Z,1.3nm,1.4s 43.12 93 eP	P	07 00 41.6 +0.9
PFO	Pinyon Flats O	comp=Z,1.3nm,1.4s 43.12 93 eP	P	07 00 41.6 +0.9
XPFO	Pinyon Flat	43.13 93 eP	P	07 00 41.7 +1.0
BELC	Belle Mtn. Jos	43.15 92 P	P	07 00 41.3 +0.5
SRU	San Rafael Swe	43.22 82 eP	P	07 00 41.8 0.0
SRU	San Rafael Swe	comp=Z,7.0nm,0.8s 43.22 82 eP	P	07 00 41.8 0.0
K22A	Casper	43.57 76 P	P	07 00 44.4 +0.2
IRM	Iron Mountain	43.57 91 P	P	07 00 44.9 +0.8
MONP2	Monument Peak	43.63 94 P	P	07 00 45.8 +0.9
BC3	Big Chuckawall	43.72 92 P	P	07 00 45.9 +0.5
W13A	Wasalapi Mount	43.73 89 eP	P	07 00 47.1 +1.4
U15A	North Rim	43.86 87 eP	P	07 00 48.0 +1.3
IKP	In-Ko-Pah, Jac	43.99 94 P	P	07 00 47.9 +0.3
O20A	White River Ci	44.03 80 eP	P	07 00 48.4 +0.5
O20A	White River Ci	comp=Z,6.9nm,0.8s 44.03 80 eP	P	07 00 48.5 +0.5
PDMDI	Parker Dam,Lak	44.10 90 P	P	07 00 49.0 +0.7
RSSD	Black Hills	44.20 72 P	P	07 00 49.2 -0.1
RSSD	Black Hills	comp=Z,9.0nm,1.3s 44.20 72 eP	P	07 00 49.0 -0.3
RSSD	Black Hills	comp=Z,9.0nm,1.3s 44.20 72 eP	P	07 00 49.0 -0.3
Y12C	Blythe	44.23 91 P	P	07 00 49.8 +0.4
Y12C	Blythe	comp=Z,1.3nm,1.3s 44.23 91 eP	P	07 00 50.8 +1.4
KSRS	Korea Array	44.24 276 P	P	07 00 50.0 +0.6
KSRS	Korea Array	comp=Z,9.0nm,0.9s,baz=56,slow=7.9,SNR=18 44.24 276 P	P	07 00 50.0 +0.6
KSRS	Korea Array	comp=Z,9.0nm,0.9s,baz=56,slow=7.9,SNR=18 44.24 276 P	P	07 00 50.0 +0.6
KS01	Wonju Array Si	44.24 276 eP	P	07 00 49.2 -0.2
KSAR	Wonju Array Be	44.27 276 P	P	07 00 50.0 +0.4
KSAR	Wonju Array Be	comp=Z,9.0nm,0.9s,baz=56,slow=7.9,SNR=18 44.27 276 P	P	07 00 50.0 +0.4

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like TBI Tubuai, UTHA Uthaihai, BRG Berggiesshubel, etc.

ISCBJ 10 07:03:26.3±0.4, 19.23N±0.04:145.9E±0.1, h109km, mb3.9/22, Error ellipse: s-maj=15.2km s-min=5.8km az=175.0

IDC 10 07:03:28.2±0.4, 19.19N±145.90E, h114km, 5km, mb3.7/22, s-maj=15.4km s-min=7.8km az=88.0

ISC 10 07:03:28.3±0.5, 19.23N±0.05:145.9E±0.1, h109km, n32, ±138/37, mb4.0/22, Mariana Islands

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like GUMO Guam, JCJ Chichijima, MJAR Matsushiro Arr, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like ASAR Alice Springs, DZM Mount Druze, STKA Stephens Creek, etc.

MAN 10 07:05:06, 10.21N:123.27E, h1km, mb4.0, ML2.8, MS2.4, IC, Cuba

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like LLP Lapu-Lapu, TBT Tagbilaran, GUIM Jordan, etc.

IDC 10 07:10:08.7±1.9, 51.85N:171.58W, h0km, mb3.4/7, mb1.3/7.8, mb1mx3.5/7.5, mbtmp3.4/8, ML3.3/1, Error ellipse: s-maj=54.0km s-min=21.9km az=90.0

ISCBJ 10 07:10:13.5±0.9, 51.8N±0.1:171.24W±0.06, h44km, mb3.4/7, Error ellipse: s-maj=17.7km s-min=4.1km az=166.6

NEIC 10 07:10:14.2±0.0, 51.98N:171.29W, h26km, ML3.5(AEIC), After AEIC

ISC 10 07:10:15.5±1.0, 51.9N±0.1:171.30W±0.05, h44km, n29, ±107/27, mb3.4/7, Fox Islands

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like KOPF Korovin Flat, KOKV Korovin Volcan, KOWE Korovin West, etc.

MOS 10 07:31:15.3±0.4, 55.50N:162.98E, h37km, mb4.2/1, Error ellipse: s-maj=9.7km s-min=8.5km az=98.1

KRSC 10 07:31:13.5±1.1, 55.46N:163.00E, h61km±24km, ML4.1, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like KBTR Krutoberegovo, KBTR Krutoberegovo, SMKR Semkarok, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like SRKR Sorokina, SRKR Sorokina, KIRR Kirishev, etc.

DDA 10 07:33:41.5, 41.23N:39.64E, h7km, Md2.6

ISCBJ 10 07:33:43.7±1.3, 41.26N±0.07:39.70E±0.05, h20km±7km, Error ellipse: s-maj=11.5km s-min=6.2km az=4.4

CSEM 10 07:33:43.8±0.3, 41.24N:39.69E, h20km, ML2.4, Error ellipse: s-maj=6.3km s-min=3.8km az=2.0

ISC 10 07:33:45.2, 41.03N:39.60E, h25km, ML2.4/2

ISK 10 07:33:45.3±1.3, 41.20N±0.07:39.67E±0.03, h28km±6km, n18, ±95/43/36, Turkey

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like KTUT Trabzon, MACK MACK, MACK MACK, etc.

MAN 10 07:50:21, 9.87N:123.21E, h29km, mb4.2, ML3.0, MS2.6, Negros

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like TBP Tagbilaran, LLP Lapu-Lapu, GUIM Jordan, etc.

MEX 10 08:07:57.0±0.6, 14.84N:93.36W, h20km±99km, MD3.7, Near coast of Chiapas

MEX 10 08:09:19.5±0.8, 17.07N:102.335W, h1km±99km, MD3.9, Near coast of Michoacan

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like ZIIG Zihuatanejo, ARIG Puente Sto Nin, ARIG Puente Sto Nin, etc.

IDC 10 08:21:37.4±8.6, 5.23S:153.72E, h119km±59km, mb3.2/4, mb1.3/5/5, mb1mx3.1/5.2, mbtmp3.8/5, Error ellipse: s-maj=84.8km s-min=36.9km az=106.0, New Ireland

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, IISC. Includes stations like BRVK Borovoye, SORM Soroca, PLOH Plostinia, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, IISC. Includes stations like SONAO Sogino Array, ULAN Ulanbatar, EKA Eskdalemuir Ar, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, IISC. Includes stations like EKAR Karacoban, I46RU ZALESOV INFRA, I43RU DUBNA INFRASO, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WAKE ISLAND, SONGINGO ARRAY, COLA COLLEGE, etc.

NEIC 10 11:05:39.7z0.0, 17:17N:94.48W, h138km, MD4.1 (MEX), After MEX.

MEX 10 11:05:39.7z1.0, 17:17N:94.48W, h138km, 44km, MD4.1, Chiapas

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

ISK 10 11:08:29.5, 38:59N:30.41E, h29km, ML2.2/7

ISCJB 10 11:08:30.8z0.5, 38:62N:0.03z0.48E:0.04, h30km, 5km, Error ellipse: s-maj=6.1km s-min=4.8km az=44.9

CSEM 10 11:08:30.5z0.2, 38:61N:30.49E, h30km, ML2.2, Error ellipse: s-maj=7.8km s-min=5.8km az=133.0

DDA 10 11:08:31.0z0.36, 73N:30.36E, h7km, MD2.6

ISC 10 11:08:30.5z0.3, 38:54N:0.03z0.41E:0.03, h26km, 6km, n27, c113/44, Turkey

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

DDA 10 11:32:42.6, 36:87N:38:64E, h20km, M12.9

ISK 10 11:32:43.1, 36:96N:38:65E, h6km, ML2.5/6

CSEM 10 11:32:43.0z0.3, 36:93N:38:65E, h8km, ML2.9, Error ellipse: s-maj=6.5km s-min=5.0km az=152.0

ISCJB 10 11:32:44.0z0.6, 36:97N:0.03z0.38E:0.04, h5km, 4km, Error ellipse: s-maj=5.6km s-min=4.7km az=147.7

ISC 10 11:32:43.7z0.3, 36:95N:0.04z0.38E:0.03, h13km, 6km, n23, c054/39, Jordan-Syria region

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

ISC 10 11:36:32.4z1.2, 36:12N:69:14E, h0km, mb3.5/4, mb1 3.5/8, mb1mx3.4/73, mbtmp3.4/8, ML3.0/4, Error ellipse: s-maj=30.8km s-min=18.4km az=124.0

ISCJB 10 11:36:36.7z0.8, 36:31N:0.07z0.68:81E:0.08, h43km, mb3.6/3, Error ellipse: s-maj=11.4km s-min=6.8km az=143.8

NNC 10 11:36:40.0z0.3, 36:16N:68:62E, h0km, mb3.9, mpv3.6, Error ellipse: s-maj=25.9km s-min=23.9km az=136.0

ISC 10 11:36:39.3z0.9, 36:32N:0.08z0.68E:0.07, h43km, n13, z2461/19, mb3.5/3, 4C-4D, Hindu Kush region

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

ISCJB 10 11:40:25.7z0.5, 63:15N:0.02z0.76E:0.08, h0km, Error ellipse: s-maj=5.3km s-min=3.2km az=8.7

ISC 10 11:40:28.0z1.5, 63:04N:28:12E, h0km, mb1 3.5/3, mb1mx3.1/65, mbtmp3.4/3, ML2.5/3, Error ellipse: s-maj=18.7km s-min=6.3km az=105.0

CSEM 10 11:40:28.1, 63:14N:27:77E, h0km, ML1.9, Mining explosion.

HEL 10 11:40:28.1z0.9, 63:08N:0.03z0.27E:0.05, h0km, n33, c1507/54, Finland

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

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

IDC 10 11:41:31.6z2.1, 1:03N:126.72E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.4/54, mbtmp3.5/3, Error ellipse: s-maj=167.1km s-min=26.3km az=66.0, Northern Molucca Sea

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

IDC 10 11:49:35.4z2.4, 24:58S:123.31W, h0km, mb3.5/3, mb1 4.0/3, mb1mx3.7/32, mbtmp3.5/3, MS3.6/1, Ms1 3.6/1, ms1mx2.9/30, Error ellipse: s-maj=481.2km s-min=77.2km az=98.0, Easter Island region

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

ISCJB 10 11:50:33.3z0.7, 50:88N:0.05z73:60E:0.07, h0km, mb3.4/1, Error ellipse: s-maj=7.9km s-min=6.2km az=34.2

IDC 10 11:50:38.4z1.0, 50:96N:73:60E, h0km, mb3.3/1, mb1 3.3/8, mb1mx3.1/69, mbtmp3.2/6, ML2.8/5, Error ellipse: s-maj=16.8km s-min=10.0km az=8.0

NNC 10 11:50:39.3z0.8, 51:30N:74:03E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=20.8km s-min=4.8km az=29.0, Suspected Mining explosion.

ISC 10 11:50:37.3z0.8, 50:83N:0.07z73:67E:0.05, h0km, n12, c185/17, 7C-4D, Central Kazakhstan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BVAO, BVA0, BRVK, etc.

IDC 10 11:59:42.9z3.6, 55:89N:86:25E, h0km, mb1 2.8/2, mb1mx2.6/2, mbtmp2.8/2, ML2.6/2, Error ellipse: s-maj=31.9km s-min=27.1km az=62.0, Southwestern Siberia

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

Table with columns: Station Name, Frequency, Power, Direction, and other data. Includes stations like JTS, WHTX, ABTX, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other data. Includes stations like V42A, Y48A, T34A, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other data. Includes stations like R41A, T46A, S44A, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MPMC Manual Prospec, P46A Roseale, M38A Pleasantville, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like BOZ Bozeman (W), DLMT Limekiln Ridge, ATAH Atahualpa, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like DZM Mont Dzumac, STKA Stephens Creek, WRA Warramunga Arr, etc.

ISK 10 12:15:34.9, 37.15N, 30.52E, h5km, ML2.3/4

CSEM 10 12:15:35.0, 37.15N, 30.46E, h2km, ML2.3, Error ellipse: s-maj=7.8km s-min=5.9km az=99.0

DDA 10 12:15:36.9, 37.02N, 30.29E, h7km, M2.6

ISC 10 12:15:36.1, 37.15N, 0.03, 30.44E, h10km, 10km, n16, 0.659/24, Turkey

DDA 10 12:15:42.0, 37.37N, 42.37E, h7km, M2.5

ISK 10 12:15:42.4, 37.44N, 42.26E, h5km, ML2.3/3

ISCJB 10 12:15:43.3, 1.1, 37.42N, 0.06, 42.33E, 0.04, h3km, 7km, Error ellipse: s-maj=10.4km s-min=5.9km az=5.9

CSEM 10 12:15:43.3, 0.2, 37.45N, 42.34E, h5km, ML2.3, Error ellipse: s-maj=8.4km s-min=4.4km az=14.0

ISC 10 12:15:43.1, 1.1, 37.45N, 0.05, 42.32E, 0.03, h5km, 9km, n16, 0.122/25, Turkey

NEIC 10 12:40:55.0, 0.7, 17.70S, 167.31E, h10km, mb4.4/2, Error ellipse: s-maj=18.5km s-min=14.3km az=129.0

ISC 10 12:40:57.2, 0.9, 17.76S, 0.09, 167.2E, 0.2, h19km, n20, 0.152/16, mb4.1/9, MS3.0/3, Vanuatu Islands

ISCJB 10 12:40:58.0, 0.8, 17.82S, 0.07, 167.2E, 0.1, h19km, mb4.0/3, MS3.2/3, Error ellipse: s-maj=19.5km s-min=10.4km az=6.9

ISC 10 12:40:55.0, 0.7, 17.70S, 167.31E, h10km, mb4.4/2, Error ellipse: s-maj=18.5km s-min=14.3km az=129.0

ISC 10 12:40:57.2, 0.9, 17.76S, 0.09, 167.2E, 0.2, h19km, n20, 0.152/16, mb4.1/9, MS3.0/3, Vanuatu Islands

ISCJB 10 12:40:58.0, 0.8, 17.82S, 0.07, 167.2E, 0.1, h19km, mb4.0/3, MS3.2/3, Error ellipse: s-maj=19.5km s-min=10.4km az=6.9

ISC 10 12:40:55.0, 0.7, 17.70S, 167.31E, h10km, mb4.4/2, Error ellipse: s-maj=18.5km s-min=14.3km az=129.0

ISC 10 12:40:57.2, 0.9, 17.76S, 0.09, 167.2E, 0.2, h19km, n20, 0.152/16, mb4.1/9, MS3.0/3, Vanuatu Islands

ISCJB 10 12:40:58.0, 0.8, 17.82S, 0.07, 167.2E, 0.1, h19km, mb4.0/3, MS3.2/3, Error ellipse: s-maj=19.5km s-min=10.4km az=6.9

ISC 10 12:40:55.0, 0.7, 17.70S, 167.31E, h10km, mb4.4/2, Error ellipse: s-maj=18.5km s-min=14.3km az=129.0

ISC 10 12:40:57.2, 0.9, 17.76S, 0.09, 167.2E, 0.2, h19km, n20, 0.152/16, mb4.1/9, MS3.0/3, Vanuatu Islands

ISCJB 10 12:40:58.0, 0.8, 17.82S, 0.07, 167.2E, 0.1, h19km, mb4.0/3, MS3.2/3, Error ellipse: s-maj=19.5km s-min=10.4km az=6.9

ISC 10 12:40:55.0, 0.7, 17.70S, 167.31E, h10km, mb4.4/2, Error ellipse: s-maj=18.5km s-min=14.3km az=129.0

ISC 10 12:40:57.2, 0.9, 17.76S, 0.09, 167.2E, 0.2, h19km, n20, 0.152/16, mb4.1/9, MS3.0/3, Vanuatu Islands

ISCJB 10 12:40:58.0, 0.8, 17.82S, 0.07, 167.2E, 0.1, h19km, mb4.0/3, MS3.2/3, Error ellipse: s-maj=19.5km s-min=10.4km az=6.9

ISC 10 12:40:55.0, 0.7, 17.70S, 167.31E, h10km, mb4.4/2, Error ellipse: s-maj=18.5km s-min=14.3km az=129.0

ISC 10 12:40:57.2, 0.9, 17.76S, 0.09, 167.2E, 0.2, h19km, n20, 0.152/16, mb4.1/9, MS3.0/3, Vanuatu Islands

ISCJB 10 12:40:58.0, 0.8, 17.82S, 0.07, 167.2E, 0.1, h19km, mb4.0/3, MS3.2/3, Error ellipse: s-maj=19.5km s-min=10.4km az=6.9

ISC 10 12:40:55.0, 0.7, 17.70S, 167.31E, h10km, mb4.4/2, Error ellipse: s-maj=18.5km s-min=14.3km az=129.0

ISC 10 12:40:57.2, 0.9, 17.76S, 0.09, 167.2E, 0.2, h19km, n20, 0.152/16, mb4.1/9, MS3.0/3, Vanuatu Islands

ISCJB 10 12:40:58.0, 0.8, 17.82S, 0.07, 167.2E, 0.1, h19km, mb4.0/3, MS3.2/3, Error ellipse: s-maj=19.5km s-min=10.4km az=6.9

ISC 10 12:40:55.0, 0.7, 17.70S, 167.31E, h10km, mb4.4/2, Error ellipse: s-maj=18.5km s-min=14.3km az=129.0

ISC 10 12:40:57.2, 0.9, 17.76S, 0.09, 167.2E, 0.2, h19km, n20, 0.152/16, mb4.1/9, MS3.0/3, Vanuatu Islands

ISCJB 10 12:40:58.0, 0.8, 17.82S, 0.07, 167.2E, 0.1, h19km, mb4.0/3, MS3.2/3, Error ellipse: s-maj=19.5km s-min=10.4km az=6.9

ISC 10 12:40:55.0, 0.7, 17.70S, 167.31E, h10km, mb4.4/2, Error ellipse: s-maj=18.5km s-min=14.3km az=129.0

ISC 10 12:40:57.2, 0.9, 17.76S, 0.09, 167.2E, 0.2, h19km, n20, 0.152/16, mb4.1/9, MS3.0/3, Vanuatu Islands

ISCJB 10 12:40:58.0, 0.8, 17.82S, 0.07, 167.2E, 0.1, h19km, mb4.0/3, MS3.2/3, Error ellipse: s-maj=19.5km s-min=10.4km az=6.9

ISC 10 12:40:55.0, 0.7, 17.70S, 167.31E, h10km, mb4.4/2, Error ellipse: s-maj=18.5km s-min=14.3km az=129.0

ISC 10 12:40:57.2, 0.9, 17.76S, 0.09, 167.2E, 0.2, h19km, n20, 0.152/16, mb4.1/9, MS3.0/3, Vanuatu Islands

ISCJB 10 12:40:58.0, 0.8, 17.82S, 0.07, 167.2E, 0.1, h19km, mb4.0/3, MS3.2/3, Error ellipse: s-maj=19.5km s-min=10.4km az=6.9

ISC 10 12:40:55.0, 0.7, 17.70S, 167.31E, h10km, mb4.4/2, Error ellipse: s-maj=18.5km s-min=14.3km az=129.0

ISC 10 12:40:57.2, 0.9, 17.76S, 0.09, 167.2E, 0.2, h19km, n20, 0.152/16, mb4.1/9, MS3.0/3, Vanuatu Islands

ISCJB 10 12:40:58.0, 0.8, 17.82S, 0.07, 167.2E, 0.1, h19km, mb4.0/3, MS3.2/3, Error ellipse: s-maj=19.5km s-min=10.4km az=6.9

ISC 10 12:40:55.0, 0.7, 17.70S, 167.31E, h10km, mb4.4/2, Error ellipse: s-maj=18.5km s-min=14.3km az=129.0

ISC 10 12:40:57.2, 0.9, 17.76S, 0.09, 167.2E, 0.2, h19km, n20, 0.152/16, mb4.1/9, MS3.0/3, Vanuatu Islands

ISCJB 10 12:40:58.0, 0.8, 17.82S, 0.07, 167.2E, 0.1, h19km, mb4.0/3, MS3.2/3, Error ellipse: s-maj=19.5km s-min=10.4km az=6.9

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like SONGINO Array, URUMQI, PETROPAVLOVSK, KASHI, etc.

MAN 10 13:24:10, 18.11N:121.09E, h3km, mb4.2, ML3.1, MS2.8, LUZON

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like CONNER, DOLORES, MONT DZUMAC, etc.

MAN 10 13:24:40.0, 4.1, 21.07S:170.99E, h0km, mb3.9/3, mb1 4.0/4, mb1mx3.6/47, mbtmp3.8/4, ML2.6/1, MS3.3/2, MS1 3.3/2, ms1mx2.7/32.0, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like MONT DZUMAC, UREWERA, RATA PEAKS, etc.

MAN 10 13:25:21.9, 74N:123.30E, h1km, mb4.3, ML3.2, MS2.9, 2C-10, NEGROS

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like LAPU-LAPU, JORDAN, DIPOLIG CITY, etc.

MEX 10 13:37:37.8, 0.3, 14.73N-93.28W, h10km, MD3.7, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like COMITAN, ROXAS, etc.

MAN 10 13:48:13.2, 14.0, 17.97S:167.02E, h0km, mb3.5/3, mb1 3.7/4, mb1mx3.5/41, mbtmp3.6/4, ML3.4/1, Error ellipse: s-maj=236.5km s-min=37.8km az=68.0, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like MONT DZUMAC, STEPHENS CREEK, WARRAMUNGA ARR, etc.

MAN 10 13:51:25.0, 6.1, 15.32S:173.04W, h0km, mb3.4/4, mb1 3.7/4, mb1mx3.5/45, mbtmp3.6/4, Error ellipse: s-maj=300.7km s-min=22.7km az=142.0, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like AFIAMALU, WARRAMUNGA ARR, ALICE SPRINGS, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like YKAW, BRTR, etc.

ISCJTB 10 13:56:23.2, 1.4, 71.29N:0.05:8.3W, 0.6, h10km, Error ellipse: s-maj=27.9km s-min=7.1km az=1.6, BER 10 13:56:25.3, 0.6, 71.14N:8.19W, h0km=6.8km, ML3.4, ISC 10 13:56:20.9, 2.9, 71.36N:0.07:8.0W, 0.3, h10km, n5, e027.9, 1C-4D, Jan Mayen Island region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like JAN MAYEN WEST, JAN MAYEN EAST, etc.

ISCJTB 10 14:04:58.7, 0.4, 8.68S:0.05:118.37E, 0.04, h152km, mb3.7/9, Error ellipse: s-maj=8.2km s-min=4.7km az=26.6, DJA 10 14:05:00.4, 0.3, 9.53S:11.8E, h114km, 4km, M4, 3/2, ML4, 3/12

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like PLAMPANG, WAIKABUBAK, SU, etc.

ISC 10 14:05:00.6, 0.6, 8.72S:0.06:118.36E, 0.05, h152km, n31, e218/36, mb3.7/9, Sumbawa region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like TORAJA, FITZ, WARRAMUNGA ARR, etc.

MAN 10 14:12:44.9, 0.4, 5.00S:0.05:153.65E, 0.05, h56km, mb4.2/23, MS3.2/15, Error ellipse: s-maj=7.6km

NEIC 10 14:12:47.8, 0.9, 5.00S:153.55E, h66km, 8km, mb4.4/8, Error ellipse: s-maj=8.5km s-min=7.1km az=66.0

ISC 10 14:12:48.5, 0.7, 5.03S:153.58E, h68km, 5km, mb3.8/15, mb1 3.9/18, mb1mx3.7/53, mbtmp4.1/18, MS3.2/15, MS1 3.2/15, ms1mx3.1/41, Error ellipse: s-maj=14.3km s-min=12.7km az=75.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like TORAJA, FITZ, WARRAMUNGA ARR, etc.

ISCJTB 10 14:12:44.9, 0.4, 5.00S:0.05:153.65E, 0.05, h56km, mb4.2/23, MS3.2/15, Error ellipse: s-maj=7.6km

NEIC 10 14:12:47.8, 0.9, 5.00S:153.55E, h66km, 8km, mb4.4/8, Error ellipse: s-maj=8.5km s-min=7.1km az=66.0

ISC 10 14:12:48.5, 0.7, 5.03S:153.58E, h68km, 5km, mb3.8/15, mb1 3.9/18, mb1mx3.7/53, mbtmp4.1/18, MS3.2/15, MS1 3.2/15, ms1mx3.1/41, Error ellipse: s-maj=14.3km s-min=12.7km az=75.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like RABUL, HONIARA, PORT MORESBY, etc.

MAN 10 14:12:47.8, 0.9, 5.00S:153.63E, 0.06, h56km, n53, e1955/54, mb4.3/25, MS3.2/15, New Ireland region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like RABUL, HONIARA, PORT MORESBY, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like ASAR, STKA, SOEI, BATI, etc.

ISC 10 14:25:24.5, 1.9, 37.09N:143.93E, h0km, mb3.4/4, mb1 3.5/6, mb1mx3.3/71, mbtmp3.6/4, ML3.6/2, MS3.1/1, MS1 3.1/1, ms1mx2.3/33, Error ellipse: s-maj=52.9km s-min=22.8km az=71.0

ISCJTB 10 14:25:27.9, 0.9, 37.20N:0.06:143.56E, 0.08, h33km, mb3.4/4, MS3.0/1, Error ellipse: s-maj=9.0km s-min=7.7km az=155.3

JMA 10 14:25:28.0, 1.3, 37.23N:143.46E, h33km, M3.2, ISC 10 14:25:30.4, 1.3, 37.21N:0.07:143.52E, 0.09, h35km, n18, e1959/25, mb3.4/4, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like KAUCHI, KURI, IWAKIMIZUSHI, etc.

MAN 10 14:32:14.9, 9.36N:123.11E, h10km, mb4.0, ML2.8, MS2.4, 2C-10, NEGROS

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like SIBULAN, TAGBILARAN, JORDAN, etc.

MAN 10 14:36:45.9, 9.93N:123.14E, h1km, mb4.2, ML3.0, MS2.7, 3C-2D, NEGROS

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like SIBULAN, TAGBILARAN, JORDAN, etc.

ASAR	Alice Springs	43.90 266	P	P	15 57 49.1 -0.4
ASAR	comp=Z,1.1nm,0.7s,baz=100,slow=7.6,SNR=107				
ASAR	comp=Z,5.7nm,0.6s,baz=118,slow=4.2,SNR=7				15 59 36.2 +0.7
ASAR	comp=Z,1.0nm,0.9s,baz=115,slow=4.3,SNR=5.3				16 03 27.4 +1.9
ASAR	comp=Z,1.1nm,1.0s,baz=111,slow=15,SNR=4.6				16 04 19.8 +0.2
ASAR	comp=Z,3um,18.1s,baz=108,slow=36				16 15 53.6
WB2	Warramunga Arr	44.83 271	eP	P	15 57 56.1 -1.0
WRAB	Tennant Creek	44.84 271	eP	P	15 57 56.8 -0.3
WRAB	comp=Z,1.03nm,0.6s				
WRAB	Tennant Creek	44.84 271	eP	P	15 57 57.2 +0.1
WRA	Warramunga Arr	44.84 271	eP	P	15 57 56.5 -0.6
WRA	comp=Z,5.1nm,0.6s,baz=110,slow=7.7,SNR=272				15 59 39.2 +0.5
WRA	comp=Z,6.9nm,0.9s,baz=114,slow=3.5,SNR=4.4				16 03 31.5 +2.1
WRA	comp=Z,1.7nm,1.1s,baz=117,slow=3.9,SNR=4.1				16 04 28.8 -4.5
WRA	comp=Z,1.9nm,0.9s,baz=109,slow=14,SNR=4.0				16 15 43.0
WRA	comp=Z,9.12nm,18.2s,baz=115,slow=35				15 58 13.5 +0.3
FORT	Forrest	46.90 254	P	P	15 58 13.5 +0.3
FORT	comp=Z,4.1nm,2.4				
FORT	Forrest	46.90 254	eP	P	15 58 12.6 -0.6
WRKA	Warakurna	48.29 262	P	P	15 58 23.5 -0.7
WRKA	baz=49,SNR=22				
VNDA	Vanda	48.61 126	P	P	15 58 28.4 +2.6
VNDA	comp=Z,1.5nm,0.8s,baz=3.3,slow=8.5,SNR=2.6				
VNDA	comp=Z,2.49nm,21.0s,baz=24,slow=92				16 15 36.1
MTN	Mannton	50.67 278	P	P	15 58 42.0 -0.4
MTN	baz=51,SNR=11				
MTN	Mannton Dam	50.67 278	eP	P	15 58 42.1 -0.2
MTN	comp=Z,1.5nm,0.7s				
KNRA	Kunurra	51.43 273	P	P	15 58 48.3 +0.3
KNRA	baz=52,SNR=13				
KMBL	Kambalda	51.88 252	P	P	15 58 51.3 0.0
KMBL	baz=52,SNR=7.4				
FITZ	Fitzroy Crossi	53.12 269	LR	P	16 21 00.7
FITZ	comp=Z,2.9nm,18.4s,baz=114,slow=35				
FITZ	Fitzroy Crossi	53.12 269	P	P	16 21 00.8 +0.2
FITZ	baz=53,SNR=11				
KLBR	Kellerberrin	55.21 251	P	P	15 59 15.7 0.0
KLBR	baz=55,SNR=7.5				
NWAO	Narogin (SRO)	55.27 249	LR	LR	16 20 36.1
NWAO	comp=Z,4.19nm,20.2s,baz=246,slow=34				
CASY	Casey	55.88 208	eP	P	15 59 22.1 +2.2
MEEK	Meekeatharra	56.02 256	P	P	15 59 21.2 -0.4
MEEK	baz=56,SNR=3.1				
BLDU	Ballidu	56.35 251	P	P	15 59 23.5 -0.4
BLDU	baz=56,SNR=6.5				
SIJI	Sorong	56.88 291	P	P	15 59 27.2 -0.6
SIJI	comp=Z,2.2nm,0.8s				
SWI	Sorong	56.89 291	P	P	15 59 27.2 -0.7
SWI	comp=Z,3.8nm,1.6s				
MORW	Morawa	57.39 253	P	P	15 59 31.0 -0.2
MORW	baz=58,SNR=5.5				
SOEI	Soe	58.05 277	P	P	15 59 37.3 +1.1
SOEI	comp=Z,3.5nm,0.9s				
BATI	Baumata	58.55 277	P	P	15 59 38.0 -0.2
BATI	comp=Z,1.2nm,0.6s,baz=184,slow=1.8,SNR=9.1				
BATI	comp=Z,2um,18.2s,baz=146,slow=36				16 25 03.8
QSPA	South Pole Qui	60.15 187	P	P	15 59 53.4 +3.3
QSPA	comp=Z,1.26nm,0.9s				
MMRI	Mtmore	60.34 277	P	P	15 59 51.6 +2.2
SANI	Sanana	60.57 286	P	P	15 59 52.4 -1.1
DAV	Davao City (W)	66.14 294	LR	LR	16 29 40.3
DAV	comp=Z,1.17nm,18.5s,baz=124,slow=36				
PMSA	Palmer Station	72.35 156	LR	LR	16 25 47.2
PMSA	comp=Z,2.57nm,19.5s,baz=120,slow=30				
MAW	Mawson	72.99 200	LR	LR	16 33 32.5
MAW	comp=Z,4.14nm,18.6s,baz=68,slow=36				
CISI	Cisompet, Garu	73.34 271	eP	P	16 01 12.3 -2.5
CISI	comp=Z,3.9nm,1.1s				
LEMJ	Lemburg	73.86 271	LR	LR	16 33 04.4
LEMJ	comp=Z,3.35nm,21.0s,baz=58,slow=35				
KSM	Kuching	75.69 280	eP	P	16 01 27.8 -0.6
KSM	comp=Z,1.5nm,0.9s				
JOW	Kumigami	76.93 312	P	P	16 01 34.6 -0.5
JOW	comp=Z,2.92nm,0.8s,baz=239,slow=7.7,SNR=3.5				
YOY	Syowa Base	77.72 193	eP	P	16 01 38.5 -0.4
YOY	comp=Z,1.4nm,0.8s,baz=107,slow=3.2,SNR=4.1				
SYO	Syowa Base	77.72 193	iP	P	16 01 45.2 -3.7
MJAR	Matsushiro Arr	78.32 325	P	P	16 01 41.9 -0.7
MJAR	comp=Z,3.8nm,0.8s,baz=163,slow=5.6,SNR=9.4				
MJAR	comp=Z,89nm,21.7s,baz=90,slow=32				16 30 59.9
MAJO	Matsushiro	78.32 325	iP	P	16 01 43.3 +0.6
MAJO	comp=Z,1.6nm,1.9s				
MAT	Matsushiro	78.32 325	P	P	16 01 41.9 -0.8
MAT	comp=Z,1.4nm,0.8s,baz=107,slow=3.2,SNR=4.1				
SNA4	Sanae	78.57 178	P	P	16 01 45.2 +1.2
SNA4	comp=Z,83nm,18.0s,baz=124,slow=37				
SNA4	Sanae	78.57 178	LR	LR	16 37 55.5
SNA4	comp=Z,83nm,18.0s,baz=124,slow=37				
SNA4	Sanae	78.57 178	eP	P	16 01 44.3 +0.5
SNA4	comp=Z,2um,1.1s				
VNA3	Neumayer-Olym	78.69 176	P	P	16 01 42.9 -0.8
VNA3	comp=Z,2um,1.1s				
VNA3	Neumayer-Olym	78.69 176	pP	P	16 01 45.7 +1.4
VNA3	comp=Z,2um,1.1s				
VNA3	Neumayer-Watz	79.14 177	pP	P	16 01 57.5 +4.7
VNA3	comp=Z,2um,1.1s				
VNA2	Neumayer-Watz	79.14 177	pP	P	16 01 48.9 +0.9
VNA2	comp=Z,2um,1.1s				
NVL	N'lazarevskaya	79.36 183	eP	P	16 02 00.2 +3.8
NVL	comp=Z,2um,1.1s				
VNA1	Neumayer-Stat	79.36 176	P	P	16 01 51.4 +0.8
VNA1	comp=Z,2um,1.1s				
VNA1	Neumayer-Stat	79.36 176	pP	P	16 01 51.4 +0.8
VNA1	comp=Z,2um,1.1s				
JNU	Nakatsu	79.74 318	P	P	16 02 05.8 +1.8
JNU	comp=Z,2.5nm,0.8s,baz=350,slow=3.2,SNR=4.1				
PLCA	Paso Flores	82.25 193	P	P	16 29 55.3
PLCA	comp=Z,3.6nm,0.9s,baz=261,slow=4.8,SNR=6.3				
PLCA	comp=Z,1.67nm,20.4s,baz=281,slow=29				16 32 16.0
ASAJ	Asahikawa	82.40 332	P	P	16 02 05.8 +1.4
ASAJ	comp=Z,1.4nm,0.9s,baz=225,slow=9.7,SNR=5.9				
ASAJ	Asahikawa	82.40 332	P	P	16 02 05.8 +1.4
ASAJ	comp=Z,1.1nm,0.8s				
LPIG	La Paz	83.66 58	LR	LR	16 02 14.9 +1.7
LPIG	comp=Z,1.66nm,18.6s,baz=214,slow=30				
TJN	Taejon	84.08 318	eP	P	16 02 17.1 +1.7
KSRS	Korea Array	84.51 319	P	P	16 02 17.1 +1.7
KSRS	comp=Z,7.2nm,0.9s,baz=140,slow=5.3,SNR=17				
KSRS	comp=Z,82nm,21.6s,baz=140,slow=32				16 34 00.2
KSAR	Wonju Array Be	84.52 319	P	P	16 02 17.1 +1.6
KSAR	comp=Z,84.52 319				
KSAR	Wonju Array Be	84.52 319	P	P	16 02 15.9 +0.4
KSAR	comp=Z,84.52 319				
YSS	Yuzh-Sakhalin	84.54 334	eP	P	16 02 17.1 +1.7
YSS	comp=Z,1.2nm,0.9s,baz=140,slow=5.3,SNR=17				
YSS	comp=Z,82nm,21.6s,baz=140,slow=32				16 34 00.2
YSS	comp=Z,70nm,0.9s				
YSS	comp=Z,100nm,15.0s				
YSS	comp=Z,180nm,20.0s				
YSS	comp=Z,180nm,20.0s				
IPM	Ipop	85.18 278	eP	P	16 02 16.3 -3.1
IPM	comp=Z,1.8nm,18.0s				
PETK	Petropavlovsk-	85.58 345	P	P	16 02 21.0 +0.6
PETK	comp=Z,1.9nm,0.6s				
PETK	Petropavlovsk-	85.58 345	P	P	16 02 21.0 +0.6
PETK	comp=Z,1.9nm,0.6s				
PSI	Prapat	86.15 275	P	P	16 02 23.3 -1.1
PSI	comp=Z,3.4nm,0.3s,baz=148,slow=5.2,SNR=6.3				
NJ2	Nanjing	86.54 310	eP	P	16 02 26.1 +0.5
NJ2	comp=Z,1.1nm,0.8s				
LDFC	Landfar	87.15 46	eP	P	16 02 30.2 +1.4
LDFC	comp=Z,1.8nm,1.2s				
USRK	Ussuriysk Ar	87.22 326	P	P	16 02 30.2 +1.6
USRK	comp=Z,1.7nm,0.8s,baz=139,slow=3.9,SNR=23				
USRK	comp=Z,87nm,18.9s,baz=140,slow=33				16 38 02.5
YBH	Yreka Blue Hor	87.22 38	LR	LR	16 34 07.1

NV01	Mina Array Sit	87.40 42	eP	P	16 02 30.4 +0.4
NV01	comp=Z,1.1nm,0.7s,baz=100,slow=7.6,SNR=107				
NVAR	Mina Array Bea	87.42 42	eP	P	16 02 31.1 +1.1
NVAR	comp=Z,3.6nm,1.1s,baz=223,slow=8.3,SNR=11				16 36 12.8
NVAR	comp=Z,1.379nm,18.5s,baz=92,slow=32				16 02 33.2 +0.7
KVN	Kaiserville	87.93 42	eP	P	16 02 33.2 +0.7
KVN	comp=Z,6.0nm,1.2s				
KVN	Kaiserville	87.93 42	eP	P	16 02 33.2 +0.7
KVN	comp=Z,6.0nm,1.2s				
WHN	Wuhan	88.69 307	eP	P	16 02 38.2 +2.2
X16A	Lo Mia Camp	89.09 49	eP	P	16 02 40.0 +1.9
X16A	comp=Z,8.9nm,1.2s				
TIA	Tai'an	90.23 312	P	P	16 02 44.7 +1.6
TIA	comp=Z,2.5nm,0.9s				
GRNR	Gornyy	90.24 333	eP	P	16 02 43.0 +0.2
GRNR	comp=Z,2.66nm,1.1s				
CN2	Changchun	90.25 322	eP	P	16 02 42.6 -0.4
CN2	comp=Z,60nm,1.1s				
CN2	comp=Z,60nm,1.1s				16 03 11.8 +1.7
CN2	comp=Z,60nm,1.1s				16 13 28.9 -6.4
NKL	Nikolayevsk	90.54 336	eP	P	16 02 44.8 +0.7
NKL	comp=Z,2.00nm,5.0s				
NKL	comp=Z,1.7nm,1.0s				
NKL	comp=Z,43nm,1.0s				
KLR	Kul'dur	91.04 329	P	P	16 02 47.6 +1.0
KLR	comp=Z,1.1nm,0.8s,baz=105,slow=2.2,SNR=40				
KLR	comp=Z,1.4nm,19.6s,baz=144,slow=34				16 40 35.8
KLR	Kul'dur	91.04 329	eP	P	16 02 47.4 +0.8
TXAR	Lajlat Array	91.51 37	P	P	16 02 50.6 +1.2
TXAR	comp=Z,0.4nm,0.7s,baz=214,slow=6.4,SNR=3.4				
TXAR	comp=Z,1.02nm,19.4s,baz=0.0,slow=31				16 36 53.7
PGC	Sidney	91.77 32	eP	P	16 02 52.4 +2.5
PGC	comp=Z,1.02nm,19.4s,baz=0.0,slow=31				
GYA	Guyang	91.99 299	eP	P	16 02 52.8 +1.1
GYA	comp=Z,1.02nm,19.4s,baz=0.0,slow=31				
ANMO	Albuquerque	92.71 511	eP	P	16 02 55.9 +1.0
ANMO	comp=Z,4.0nm,1.3s				
CMAR	Chiang Mai Arr	93.97 289	P	P	16 03 01.7 +0.8
CMAR	comp=Z,0.6nm,0.4s,baz=140,slow=2.8,SNR=10				
CMAR	comp=Z,7.78nm,18.9s,baz=158,slow=37				16 47 57.8
KMI	Kunming	94.30 296	eP	P	16 03 03.2 +0.7
KMI	comp=Z,8.0nm,0.5s				
KMI	comp=Z,65nm,5.6s				
XAN	Xi'an	94.45 307	P	P	16 02 56.5 -6.3
XAN	comp=Z,0.4nm,0.8s,baz=201,slow=4.8,SNR=2.4				
PDAR	Pinedale Array	95.29 43	eP	P	16 03 07.7 +1.0
PDAR	comp=Z,0.4nm,0.8s,baz=201,slow=4.8,SNR=2.4				
PDAR	comp=Z,0.4nm,0.7s,baz=49,slow=2.7,SNR=3.6				16 20 00.1 -0.7
PDAR	comp=Z,2.64nm,18.9s,baz=244,slow=32				16 40 29.5
SEY	Seymchan	95.72 347	P	P	16 03 08.2 +0.5
SEY	comp=Z,0.7nm,0.8s,baz=133,slow=5.5,SNR=7.1				
SEY	Seymchan	95.72 347	iP	P	16 03 08.0 +0.2
SEY	comp=Z,0.7nm,0.8s,baz=133,slow=5.5,SNR=7.1				
ZEA	Zeya	96.23 303	eP	P	16 03 10.8 +0.5
ZEA	comp=Z,1.5nm,1.0s				
HHC	Hu-ho-hao-te	96.48 314	eP	P	16 03 14.0 +2.1
HHC	comp=Z,1.5nm,1.0s				
HHC	comp=Z,1.5nm,1.0s				16 14 26.4 -4.5
HHC	comp=Z,1.5nm,1.0s				
HHC	comp=Z,1.40nm,7.6s				
H					

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LUBP Lubang, PGP Puerto Galera, TG Tagaytay City, etc.

Table with columns: BRDH, Station Name, Az, Phase ID, Time, Res. Includes stations like BRDH 119nm,0.4s, bsz=298, slow=9.3, SNR=7.0, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like COLD Coldfoot, TOLK Toolik Lake Re, SUA Susitna One, etc.

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

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DAV, PAGZ, General Santos, etc.

CSEM 17:09:02.9, 0.2, 49.85N, 18.40E, h2km, ML2.1/5, Error ellipse: s-maj=6.5km s-min=3.3km az=5.0

IPEC 17:09:02.5, 0.2, 49.82N, 18.51E, h0km, ML1.3/3, 2D, Error ellipse: s-maj=2.1km s-min=1.1km az=161.0, Czech and Slovak Republics

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

PSI 17:09:02.5, 0.2, 49.82N, 18.51E, h0km, ML1.3/3, 2D, Error ellipse: s-maj=2.1km s-min=1.1km az=161.0, Czech and Slovak Republics

PSI 17:09:02.5, 0.2, 49.82N, 18.51E, h0km, ML1.3/3, 2D, Error ellipse: s-maj=2.1km s-min=1.1km az=161.0, Czech and Slovak Republics

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like WRA, WB2, MBWA, etc.

IDC 10:24:05.9, 1.4, 7.52N, 124.37E, h0km, mb3.3/3, mb1 3.6/3, mb1mx3.3/56, mbtmp3.3/3, Error ellipse: s-maj=37.1km s-min=15.4km az=26.0

MAN 10:24:07.7, 8.1N, 124.58E, h1km, mb4.9, ML3.8, MS3.8, ISCSJB 10:24:08.3, 0.7, 7.73N, 0.05, 124.64E, 0.04, h23km, 7km, mb3.2/3, Error ellipse: s-maj=8.2km s-min=5.7km az=182.5

IDC 10:24:07.4, 1.2, 7.83N, 0.03, 124.62E, 0.04, h15km, 9km, n15, c153/20, mb3.3/3, 5C, Mindanao

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

IDC 10:27:25.3, 7.3, 5.33S, 147.75E, h203km, 46km, mb2.9/3, mb1 2.9/5, mb1mx2.8/43, mbtmp3.3/5, Error ellipse: s-maj=87.9km s-min=29.0km az=112.0, Eastern New Guinea region

Guinea region

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

MAN 10:17:11.00, 10.15N, 123.29E, h1km, mb4.1, ML2.9, MS2.5, 3D, Cebu

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

MAN 10:17:13.0, 4.6, 1.6, 28S, 148.52E, h82km, 64km, mb2.9/2, mb1 3.4/4, mb1mx3.1/44, mbtmp3.5/4, ML0.8/1, Error ellipse: s-maj=139.6km s-min=36.7km az=130.0, New Britain region

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

IDC 10:18:38.3, 8.6, 19.17S, 179.92E, h0km, mb3.6/3, mb1 3.9/3, mb1mx3.5/45, mbtmp3.6/3, MS3.3/2, Ms1 3.3/2, s-min=1mx2.7/33, Error ellipse: s-maj=182.7km s-min=87.8km az=145.0, South of Fiji Islands

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

MAN 10:18:53.31, 6.05N, 124.77E, h32km, mb4.4, ML3.3, MS3.0, 2C, Mindanao

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

MAN 10:17:36:27, 7.75N, 124.61E, h1km, mb5.0, ML3.9, MS3.9, IDC 10:17:36:32.2, 5.75N, 124.70E, h34km, 22km, mb3.8/12, mb1 4.0/12, mb1mx3.7/52, mbtmp4.0/12, MS3.4/17, Ms1 3.4/17, ms1mx3.2/49, Error ellipse: s-maj=32.6km s-min=13.9km az=68.0

NEIC 10:17:36:34.4, 1.0, 7.57N, 124.78E, h55km, 9km, mb4.4/18, Error ellipse: s-maj=10.8km s-min=5.7km az=60.0

ISC 10:17:36:29.7, 1.1, 7.66N, 0.03, 124.70E, 0.03, h11km, 7km, n91, c2511/91, mb4.3/32, MS3.3/15, 2C-5D, Mindanao

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

MAN 10:18:32.9, 1.1, 7.46N, 124.46E, h0km, mb3.3/4, mb1 3.5/4, mb1mx3.2/57, mbtmp3.3/4, MS3.0/1, Ms1 3.0/1, ms1mx2.3/27, Error ellipse: s-maj=35.2km s-min=12.3km az=25.0

ISCSJB 10:18:33.3, 0.8, 7.72N, 0.05, 124.64E, 0.03, h7km, 7km, mb3.1/4, MS2.9/1, Error ellipse: s-maj=8.2km s-min=5.3km az=163.0

MAN 10:18:33.7, 7.68N, 124.64E, h4km, mb4.7, ML3.6, MS3.5, IDC 10:18:33.6, 1.3, 7.66N, 0.04, 124.62E, 0.04, h8km, 10km, n15, c1500/20, mb3.3/4, 3C-1D, Mindanao

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

MAN 10:18:55:09, 10.20N, 123.22E, h1km, mb4.5, ML3.4, MS3.2, 1C-4D, Cebu

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

MAN 10:18:57:43, 9.80N, 123.24E, h0km, mb4.2, ML3.0, MS2.7, 1C-3D, Negros

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

MAN 10:17:36:27, 7.75N, 124.61E, h1km, mb5.0, ML3.9, MS3.9, IDC 10:17:36:32.2, 5.75N, 124.70E, h34km, 22km, mb3.8/12, mb1 4.0/12, mb1mx3.7/52, mbtmp4.0/12, MS3.4/17, Ms1 3.4/17, ms1mx3.2/49, Error ellipse: s-maj=32.6km s-min=13.9km az=68.0

NEIC 10:17:36:34.4, 1.0, 7.57N, 124.78E, h55km, 9km, mb4.4/18, Error ellipse: s-maj=10.8km s-min=5.7km az=60.0

ISC 10:17:36:29.7, 1.1, 7.66N, 0.03, 124.70E, 0.03, h11km, 7km, n91, c2511/91, mb4.3/32, MS3.3/15, 2C-5D, Mindanao

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

MAN 10:18:32.9, 1.1, 7.46N, 124.46E, h0km, mb3.3/4, mb1 3.5/4, mb1mx3.2/57, mbtmp3.3/4, MS3.0/1, Ms1 3.0/1, ms1mx2.3/27, Error ellipse: s-maj=35.2km s-min=12.3km az=25.0

ISCSJB 10:18:33.3, 0.8, 7.72N, 0.05, 124.64E, 0.03, h7km, 7km, mb3.1/4, MS2.9/1, Error ellipse: s-maj=8.2km s-min=5.3km az=163.0

MAN 10:18:33.7, 7.68N, 124.64E, h4km, mb4.7, ML3.6, MS3.5, IDC 10:18:33.6, 1.3, 7.66N, 0.04, 124.62E, 0.04, h8km, 10km, n15, c1500/20, mb3.3/4, 3C-1D, Mindanao

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

IDC 10 19:09:55.0,0.9,26.08N;94.32E,h0km,mb3.9/1, mb1 4.0/1,mb1mx3.7/70,mbtmp3.9/14,MS3.3/1, Ms1 3.3/1,ms1mx2.4/63,Error ellipse: s-maj=38.7km s-min=17.1km az=5.0

ISCJBJ 10 19:09:58.2,0.3,26.10N;0.04-94.10E,0.0/3,h35km, mb4.3/28,MS3.3/1,Error ellipse: s-maj=6.5km s-min=3.9km az=9.5

NEIC 10 19:10:01.9,0.8,26.15N;94.25E,h52km,8km,mb4.8/14, Error ellipse: s-maj=10.0km s-min=5.1km az=58.0

ISC 10 19:00:0.6,26.23N;0.07-94.19E,0.0/6,h35km,n65, r182/3,mb4.4/28,Northeastern India

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists various stations like SHL, BRDH, LSA, TAPN, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like MUSAN, COTABATO-PC, KIDAPAWAN, etc.

IDC 10 19:36:03.5,54.0,20.05S;178.47W,h0km,mb3.9/3, mb1 4.1/3,mb1mx3.7/93,mbtmp3.9/3,Error ellipse: s-maj=97.7.8km s-min=157.6km az=82.0,Fiji Islands region

ISK 10 19:38:27.8,38.15N;28.77E,h10km,ML2.5/6 ISCJBJ 10 19:38:28.0,5,38.15N;0.02-28.74E,0.0/3,h1km,5km, Error ellipse: s-maj=4.1km s-min=3.3km az=162.3

DDA 10 19:38:28.4,38.15N;28.77E,h7km,ML2.8 CSEM 10 19:38:28.0,0.1,38.14N;28.75E,h8km,ML2.5,Error ellipse: s-maj=3.2km s-min=2.6km az=73.0

ISC 10 19:38:28.6,1.0,38.14N;0.02-28.76E,0.0/2,h7km,9km, n29,r055/55,Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like KULA, MANISA, DENIZLI, etc.

KRSC 10 19:58:06.4,1.3,49.18N;157.01E,h39km,21km,ML3.9, East of Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like SKR, PAU, KDR, etc.

MAN 10 20:06:26.9,76N;123.29E,h35km,mb3.8,ML2.5,MS2.0, 1D,Negros

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like SNPH, TBP, GUIM, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like SNPH, LLLP, GUIM, etc.

MAN 10 20:22:28.9,93N;123.20E,h1km,mb4.5,ML3.3,MS3.1, 3C-1D,Negros

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like SNPH, TBP, LLLP, etc.

DDA 10 20:39:02.2,41.39N;39.67E,h7km,ML2.7 CSEM 10 20:39:03.9,0.7,41.32N;39.70E,h5km,ML2.7,Error ellipse: s-maj=13.9km s-min=8.5km az=2.0

ISCJBJ 10 20:39:04.9,0.9,41.26N;0.06-39.71E,0.0/5,h10km,Error ellipse: s-maj=7.9km s-min=5.5km az=5.0

ISK 10 20:39:08.8,41.01N;39.58E,h4km,ML2.7/5 ISC 10 20:39:04.3,1.3,41.28N;0.07-39.74E,0.0/4,h10km,n26, r139/33,Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like KTUT, ESPIYE-GIRESUN, GUMT, etc.

MAN 10 20:47:16.9,92N;123.17E,h2km,mb3.8,ML2.5,MS2.0, 1D,Negros

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like SNPH, TBP, GUIM, etc.

MAN 10 20:59:22.9,90N;123.17E,h5km,mb4.1,ML2.9,MS2.5, Negros

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like TBP, GUIM, MSLP, etc.

IDC 10 21:03:24.7,4.8,18.13S;167.49E,h0km,mb3.6/3, mb1 3.9/3,mb1mx3.6/42,mbtmp3.6/3,MS3.2/2,Ms1 3.2/2, ms1mx2.6/34,Error ellipse: s-maj=184.7km s-min=40.7km az=147.0,Vanuatu Islands

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

ISC 10 21:06:45.5,1.0,45.66N;0.03-28.94E,0.0/4,h13km,n35, r092/35,12C-6D,Ukraine-Moldova-Southwestern Russia region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like TLCR, CFR, LEOM, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like ICOR, ISR, TESR, MANR, MLR, SULR, SORM, BURAR.

IDC 10 21:16:12.6:0.2, 25N:142.96E, h0km, mb3.8/13, mb1 4.0/14, mb1mx3.7/66, mbtmp3.8/14, ML3.6/1, MS3.2/3, ms1 3.2/3, ms1mx2.7/56, Error ellipse: s-maj=20.7km s-min=18.8km az=91.0

ISCJB 10 21:16:15.3:0.7, 24.22N:142.9E:0.2, h29km, mb3.9/17, MS3.7/1, Error ellipse: s-maj=21.9km s-min=7.2km az=173.1

NEIC 10 21:16:18.6:1.8, 24.22N:142.92E, h41km, mb4.4/4, Error ellipse: s-maj=19.3km s-min=10.5km az=87.0

ISC 10 21:17:2.0:9.2, 24.24N:143.0E:0.2, h29km, n23, c085/23, mb4.0/17, Volcano Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like CBJ, CJJ, JCJ, JOW, KSR, KSR, KSAR, KLR, KMR, WRAB, WRA, ASAR, ZALV, MKAR, KURK, KURB, ILAR, BRV, NWA, ABK, YKA, ARCS, FINES, AKAS, BRTR.

MAN 10 21:24:50.7, 59N:124.32E, h36km, mb4.1, ML2.9, MS2.6, 1D, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like BUKP, CTBH, CTBH, PAGZ, PAGZ.

ISCJB 10 21:38:56.0:1.0, 36.53N:171.2E:0.1, h150km, mb3.2/2, Error ellipse: s-maj=15.7km s-min=6.2km az=168.2

IDC 10 21:38:58.5:7.5, 36.57N:171.31E, h162km, mb3.1/2, mb1 3.1/6, mb1mx2.8/73, mbtmp3.5/6, MS2.9/1, Ms1 2.9/1, ms1mx2.2/30, Error ellipse: s-maj=62.3km s-min=46.1km az=46.0

NNC 10 21:39:01.9:5.3, 37.16N:170.70E, h0km, mb4.1, mpv3.8, Error ellipse: s-maj=41.2km s-min=34.8km az=162.0

ISC 10 21:38:56.3:1.2, 36.51N:171.7E:0.1, h150km, n12, c167/17, 3C-5D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like SFK, THN, MNAS, MNAS, KK31, AAK, AAK, AAK, KURB, AKTO, ZALV, ARU, WRA, ASAR.

MAN 10 21:52:24.10, 22N:123.24E, h13km, mb3.9, ML2.6, MS2.2, 2D, Cebu

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like LLL, GUM, GUM, TBP, RCP, RCP, MSLP, MSLP.

IDC 10 21:56:49.6:1.0, 11.39N:93.03E, h0km, mb3.7/9, mb1 3.7/9, mb1mx3.5/66, mbtmp3.7/9, MS2.8/2, Ms1 2.9/2, ms1mx2.4/57, Error ellipse: s-maj=40.0km s-min=19.0km az=56.0

ISCJB 10 21:56:54.1:0.8, 11.39N:93.07E:0.08, h46km, mb3.7/10, MS2.8/1, Error ellipse: s-maj=15.5km s-min=10.9km az=170.0

ISC 10 21:56:56.5:1.0, 11.39N:93.12E:0.1, h46km, n21, c1953/17, mb3.7/10, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like PHET, SRDT, UTHA, CMAR, CMAR, PBKT, LAMP, PHRA, LEM, H0S3, H0S2, H0S1, MKAR, SONM, GEYT, KURB, ZALV, WRA, ASAR, BRTR, HFS, TORD.

IDC 10 22:07:20.3:1.6, 17.78S:167.37E, h0km, mb3.9/7, mb1 4.1/8, mb1mx3.9/42, mbtmp3.9/8, ML3.8/1, MS3.3/7, Ms1 3.3/7, ms1mx3.0/35, Error ellipse: s-maj=44.8km s-min=25.3km az=127.0

ISCJB 10 22:07:22.5:1.2, 17.86S:167.3E:0.2, h23km, mb3.8/6, MS3.2/4, Error ellipse: s-maj=27.1km s-min=10.5km az=1.3

ISC 10 22:07:27.1:3.1, 17.9S:167.4E:0.2, h23km, n14, c086/10, mb3.9/6, MS3.3/4, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like DZM, DZM, HNR, RAO, CTA, RPZ, STKA, RAR, WRA, ASAR, ASAR, PPT, CMAR, SONM, ILAR, TORD.

IDC 10 22:20:53.7:2.5, 8.42N:126.17E, h0km, mb3.6/3, mb1 3.9/3, mb1mx3.3/61, mbtmp3.6/3, Error ellipse: s-maj=56.7km s-min=28.2km az=55.0

ISCJB 10 22:20:58.7:0.7, 7.74N:126.14E:0.04, h10km, mb3.3/3, Error ellipse: s-maj=8.4km s-min=4.9km az=167.0

ISC 10 22:20:59.3:0.8, 7.70N:126.14E:0.04, h10km, n8, c239/12, mb3.4/3, 1D, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like BUKP, BUKP, CTBH, CTBH, DAV, DAV, DAV, PAGZ, PAGZ, MSLP, CMAR, WRA, ASAR.

WEL 10 22:44:18.9, 40S:12.17E, h50km, 7km, ML3.6/14, Off west coast of North Island

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like NMEZ, NMEZ, LREZ, PREZ, PREZ, PKE, PKE, DREZ, DREZ, WAZ, WAZ, DUWZ, DUWZ, MHEZ, MHEZ, WREZ, WREZ, VRZ, VRZ, OHWZ, OHWZ, KIWZ, KIWZ, PKVZ, PKVZ, OGWZ, OGWZ, MTVZ, MTVZ, TCW, TCW, TRVZ, TRVZ.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like NNZ, DRZ, FWZ, WHVZ, COVZ, TAURZ, MRZ, QZ, QZ, CAW, CAW, POWZ, POWZ, TUWZ, TUWZ, KRHZ, KRHZ, MOVZ, MOVZ, WTVZ, WTVZ, TUWZ, TUWZ, HOWZ, HOWZ, TSZ, TSZ, KRZV, KRZV, HIZ, HIZ, BHW, BHW, KATZ, KATZ, PRWZ, PRWZ, THWZ, THWZ, TIWZ, TIWZ, MTW, MTW, PNHZ, PNHZ, DVHZ, DVHZ, RATZ, RATZ, MSWZ, MSWZ, BSWZ, BSWZ, PAWZ, PAWZ, WATZ, WATZ, CMWZ, CMWZ, TMWZ, TMWZ, BFZ, BFZ, PLWZ, PLWZ, KRWZ, KRWZ, THZ, THZ, BKZ, BKZ, MCHZ, MCHZ, KAHZ, KAHZ, NMHZ, NMHZ, DSZ, DSZ, MTHZ, MTHZ, TOZ, TOZ, KHZ, KHZ, MUGZ, MUGZ, URZ, URZ, LTZ, LTZ.

DDA 10 22:56:49.5, 38.74N:43.57E, h7km, ML2.5, ISK 10 22:56:49.6, 38.73N:43.47E, h6km, ML2.4/5, CSEM 10 22:56:49.7, 38.73N:43.54E, h5km, ML2.4, Error ellipse: s-maj=6.8km s-min=4.6km az=100.0

ISCJB 10 22:56:50.5:0.5, 38.74N:43.52E:0.05, h14km, 3km, Error ellipse: s-maj=3.7km s-min=1.5km az=17.5

ISC 10 22:56:50.5:0.9, 38.72N:43.54E:0.03, h14km, 6km, n27, c143/48, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like VAN, VAN, VAN, TVAN, TVAN, TVAN, VMUR, VMUR, VMUR, ERVC, ERVC, ERVC, CLDR, CLDR, CLDR, CLDR, CLDR, TUTA, TUTA, TUTA, HAKT, HAKT, HAKT, GURO, GURO, GURO, IGDI, IGDI, IGDI, EKAR, EKAR, EKAR, EKAR, SIRT, SIRT, SIRT, SIRT.

ISCJB 10 22:58:08.1:0.7, 24.4S:0.1, h550km, mb3.7/8, Error ellipse: s-maj=16.6km s-min=12.6km az=25.8

IDC 10 22:58:10.2:5.0, 24.14S:179.66E, h557km, 53km, mb3.2/8, mb1 3.5/9, mb1mx3.3/41, mbtmp4.1/9, Error ellipse: s-maj=59.9km s-min=25.5km az=155.0

ISC 10 22:58:08.4:0.9, 24.5S:0.1, h550km, n13, c096/12, mb3.7/8, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like DZM, URZ, URZ, STKA, STKA, PMG, PMG, WRA, WRA, NVAR, NVAR, TXAR, TXAR, ILAR, ILAR, PDAR, PDAR, HFS, HFS, AKAS, AKAS, EKA, EKA.

ISCJB 10 22:58:48.2:1.2, 33.63N:150.45E:0.09, h25km, 5km, Error ellipse: s-maj=12.6km s-min=6.7km az=168.9

NSSC 10 22:58:48.1:1.1, 33.64N:150.45E, h29km, 6km, ML1.3, CSEM 10 22:58:48.4, 33.60N:150.40E, h21km, ML2.8

Saitama, Tochigi and Tokyo.
GCMT 11 01:26:59.1,0.4,36.16N,139.65E,h41km,1km,MW4.9/73.
Moment Tensor Solution. s20,c24; s73,c96; Duration:
0 Moment tensor: Scale 10^19Nm; Mr1.95+-1.7;
Mw-1.1+-1.1; Mw-0.84+-1.0; Mo0.07+-0.8; Mo-0.81+-0.6;
Ms1.76+-0.9; Best double couple: Mo2.52100+-1016
NP1.22.00000, s30.00000, lambda128.00000. NP2:
o244.00000, s30.00000, lambda128.00000. Principal axes:
T.2.8220, Plg63.0000, Azm260.0000; N -0.6040,
Plg18.0000, Azm31.0000; P -2.2210, Plg19.0000,
Azm127.0000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s.

ISC 11 01:26:57.1-0.5,36.05N,139.75E,0.04,h60km,3km,
m459, s171/476, mb4.7/183, MS3.8/49, 39C-21D, Eastern
Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the event.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the event.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the event.

UCH	comp=Z,6.9nm,0.8s	49.88 298	P	P	01 35 45.7 +0.7
TOLK	Uchtor SNR=12	49.86 27	eP	P	01 35 47.1 +2.5
PSI	Toolik Lake Re comp=Z,12m,1.1s	50.14 238	P	P	01 35 45.6 -1.1
PSI	Prapat comp=Z,4.1nm,0.7s,baz=13,slow=9,SNR=4.6	50.19 33	eP	LR	01 57 51.4
MCK	McKinley comp=Z,7.0nm,0.8s	50.19 33	eP	P	01 35 47.9 +1.4
BVA0	Borovyev Array comp=Z,6.9nm,0.8s	50.25 313	P	P	01 35 45.8 -1.2
EKS2	Erkin-Say SNR=5.5	50.29 299	P	P	01 35 48.0 +0.4
BRVK	Borovyev SNR=5.5	50.31 313	eP	P	01 35 47.3 -0.2
BRVK	Borovyev comp=Z,23nm,0.8s	50.31 313	eP	P	01 35 47.2 -0.2
MDM	Murphy Dome comp=Z,20nm,1.0s	50.46 32	eP	P	01 35 50.8 +2.4
AML	Almayusha SNR=5.5	50.49 298	P	P	01 35 50.6 +1.2
SML	Sawmill SNR=5.5	50.58 36	eP	P	01 35 51.1 +1.7
SML	Sawmill comp=Z,3.0nm,0.8s	50.58 36	eP	P	01 35 51.1 +1.7
COLA	College comp=Z,2.5nm,0.8s	50.62 32	eP	P	01 35 51.5 +1.9
COLA	College comp=Z,3.0nm,0.5s	50.62 32	eP	P	01 35 51.5 +1.9
COLA	College comp=Z,6nm,0.5s	51.04 32	eP	P	01 35 53.7 +1.0
ILAR	Eielsen Array SNR=5.5	51.04 32	eP	P	01 35 53.0 +0.2
ILAR	Eielsen Array comp=Z,33nm,18.6s,baz=224,slow=38	51.04 32	eP	LR	01 59 18.2
ILAR	Eielsen Array comp=Z,6.0nm,0.9s	51.04 32	eP	P	01 35 53.0 +0.2
ILAR	Eielsen Array comp=Z,33nm,18.6s	51.04 32	eP	MLR	01 59 18.2
ILB	Eielsen Array SNR=5.5	51.04 32	eP	P	01 35 54.2 +1.4
MNAS	Manas SNR=5.5	51.24 299	iP	P	01 35 55.6 +0.8
MNAS	Manas comp=Z,20nm,0.8s	51.24 299	iP	P	01 35 55.6 +0.8
SFK	Sufi-Kurgan SNR=5.5	51.25 296	iP	P	01 35 55.1 0.0
SFK	Sufi-Kurgan comp=Z,20nm,0.8s	51.25 296	iP	P	01 35 55.1 0.0
GSI	Gunungsitoli SNR=5.5	52.15 238	eP	P	01 36 00.9 -0.8
LEM	Lembang comp=Z,18nm,0.4s,baz=14,slow=15,SNR=3.8	52.25 222	P	P	01 36 01.1 -1.4
LEM	Lembang comp=Z,26nm,20.5s,baz=191,slow=36	52.25 222	P	LR	01 57 49.2
KK31	Karatay Array SNR=5.5	52.46 300	eP	P	01 36 03.8 +0.1
KK31	Karatay Array comp=Z,18nm,0.9s	52.46 300	eP	P	01 36 04.0 +0.3
KKAR	Karatay Array comp=Z,3.0nm,0.4s	52.46 300	eP	P	01 36 04.0 +0.3
KKAR	Karatay Array comp=Z,3.0nm,0.4s	52.46 300	eP	P	01 36 04.0 +0.3
MENT	Mentasta SNR=5.5	52.60 34	eP	P	01 36 07.6 +3.2
EGAK	Eagle SNR=5.5	53.48 32	eP	P	01 36 12.6 +1.7
DAWY	Dawson SNR=5.5	54.35 32	eP	P	01 36 18.6 +1.3
SVE	Sverdlovsk SNR=5.5	55.01 319j	eP	P	01 36 22.7 +0.7
INK	Inuvik comp=Z,23nm,1.3s	55.87 27	eP	P	01 36 29.0 +1.0
INK	Inuvik comp=Z,6.7nm,0.9s,baz=284,slow=9,SNR=22	55.87 27	eP	P	01 36 29.5 +1.4
INK	Inuvik comp=Z,8.0nm,1.0s	55.87 27	eP	P	01 36 29.5 +1.4
HYT	Haines Junction comp=Z,36nm,1.6s	55.88 36	eP	P	01 36 31.3 +2.8
WRAB	Tennant Creek SNR=5.5	55.91 186	eP	P	01 36 29.4 +0.5
WRAB	Tennant Creek comp=Z,7.0nm,1.0s	55.91 186	eP	P	01 36 28.4 -0.5
WB2	Warramunga Arr SNR=5.5	55.92 186	eP	P	01 36 29.0 +0.1
WRA	Warramunga Arr SNR=5.5	55.92 186	eP	P	01 36 28.5 -0.4
CTAO	Charters Tower SNR=5.5	56.17 173	eP	P	01 36 31.6 +0.9
CTAO	Charters Tower comp=Z,9.0nm,0.6s	56.17 173	eP	P	01 36 31.6 +0.9
CTAO	Charters Tower comp=Z,9.4nm,0.6s	56.17 173	eP	P	01 36 31.6 +0.9
ARU	Arti SNR=5.5	56.22 319c	iP	P	01 36 30.7 0.0
ARU	Arti comp=Z,28nm,1.0s	56.22 319	eP	P	01 36 47.4 +0.8
ARU	Arti comp=Z,84nm,1.6s	56.22 319	eP	P	01 37 23.8
ARU	Arti SS	56.22 319	eP	P	01 44 18.0 +2.4
ARU	Arti SS	56.22 319	eP	P	01 47 57.3 -0.5
ARU	Arti comp=Z,28nm,1.0s	56.22 319	eP	P	01 36 30.6 -0.1
SOKR	Solikamsk SNR=5.5	56.30 323	eP	P	01 36 30.7 -0.5
SOKR	Solikamsk comp=Z,9.0nm,0.8s	56.30 323	eP	P	01 36 33.1 -0.4
KBL	Kabul SNR=5.5	56.52 291	eP	P	01 36 33.1 -0.4
KBL	Kabul comp=Z,14nm,0.8s	56.52 291	eP	P	01 36 33.1 -0.4
AB31	Akbulak array SNR=5.5	57.55 310	eP	P	01 36 39.5 -0.8
AB31	Akbulak array comp=Z,19nm,0.9s	57.55 310	eP	P	01 36 40.2 -0.1
ABKAR	Akbulak array comp=Z,124nm,0.9s	58.34 312	P	P	01 36 45.5 -0.3
AKTO	Aktyubinsk comp=Z,13nm,0.7s,baz=78,slow=9.7,SNR=24	58.34 312	P	LR	02 00 41.1
AS01	Alice Springs SNR=5.5	59.64 186	eP	P	01 36 54.9 -0.1
AS31	Alice Springs SNR=5.5	59.64 186	eP	P	01 36 55.3 +0.2
ASAR	Alice Springs SNR=5.5	59.65 186	P	P	01 36 55.1 +0.1
MWBA	Marble Bar SNR=5.5	59.97 202	eP	P	01 36 57.7 +0.4
DLBC	Dease Lake SNR=5.5	60.22 37	eP	P	01 37 00.8 +2.0
SPITS	Spietsbergen Ar SNR=5.5	61.23 349	P	P	01 37 06.0 +0.8
SPITS	Spietsbergen Ar comp=Z,9.5nm,0.9s,baz=112,slow=6.4,SNR=4.9	61.23 349	P	LR	02 03 49.6
EIDS	Eidsvold SNR=5.5	62.02 168	eP	P	01 37 11.7 +0.7
DZM	Mont Dzumac SNR=5.5	63.08 152	LR	LR	02 05 34.9
DZM	Mont Dzumac comp=Z,57nm,19.2s,baz=14,slow=37	63.08 152	eLR	LR	01 56 20.2
GEYT	Alibek SNR=5.5	63.14 299	P	P	01 37 19.2 +0.5
GEYT	Alibek comp=Z,11nm,0.8s,baz=29,slow=3.3,SNR=35	63.14 299	P	LR	02 04 53.6
KLMR	Klimovskoe SNR=5.5	63.87 328	eP	P	01 37 21.5 -1.6
KLMR	Klimovskoe comp=Z,12nm,0.6s	63.87 328	eP	P	01 37 21.5 -1.6
KLMR	Klimovskoe AMP	63.87 328	eP	P	01 37 23.7
ARCES	ARCESS Array B SNR=5.5	64.45 339	P	P	01 37 26.6 -0.1
YKW3	Yellowknife Ar SNR=5.5	65.29 29	eP	P	01 37 32.4 +0.2
YKA	Yellowknife Ar SNR=5.5	65.33 29	P	P	01 37 33.1 +0.6
YKA	Yellowknife Ar comp=Z,2.2nm,0.8s,baz=302,slow=6.4,SNR=35	65.33 29	iP	P	01 37 33.3 +0.5
YKA	Yellowknife Ar SNR=5.5	65.33 29	iP	P	01 37 33.3 +0.5
DAG	Danmarks Havn SNR=5.5	66.64 355	iP	P	01 37 40.8 +0.1
DAG	Danmarks Havn comp=Z,4.0nm,0.8s	66.64 355	iP	P	01 37 40.8 +0.1

FORT	Forrest SNR=5.5	67.38 191	eP	P	01 37 46.4 +0.6
VRH	Novokhoporsk SNR=5.5	67.41 317	eP	P	01 37 45.1 -0.9
VRH	Novokhoporsk comp=Z,30nm,0.6s	67.41 317	eP	P	01 37 45.1 -0.9
AFI	Afiamalou SNR=5.5	67.55 128	LR	LR	02 07 17.1
STKA	Stevens Creek SNR=5.5	67.59 178	eP	P	01 37 47.9 +0.6
STKA	Stevens Creek comp=Z,4.1nm,0.7s,baz=352,slow=7.8,SNR=8.5	67.59 178	eP	P	01 37 48.1 +0.9
STKA	Stevens Creek SNR=5.5	67.59 178	eP	P	01 37 48.1 +0.9
OBN	Obninsk SNR=5.5	68.08 323j	eP	P	01 37 50.3 +0.2
OBN	Obninsk comp=Z,7.0nm,0.8s	68.08 323j	eP	P	01 37 50.3 +0.2
OBN	Obninsk comp=Z,48nm,2.5s	68.08 323j	eP	MLR	01 37 50.3 +0.2
OBN	Obninsk comp=Z,125nm,17.0s	68.08 323	eP	P	01 37 50.2 0.0
OBN	Obninsk comp=Z,22nm,1.0s	68.08 323	eP	P	01 37 50.7 -0.2
LPSR	Galich ya Gora SNR=5.5	68.20 320	eP	P	01 37 50.7 -0.2
LPSR	Galich ya Gora comp=Z,40nm,1.1s	68.20 320	eP	P	01 37 50.7 -0.2
VSR	Storozhevoye SNR=5.5	68.79 318	eP	P	01 37 54.0 -0.6
FIAT	FINESS Array S SNR=5.5	69.06 332	eP	P	01 37 56.0 -0.1
FINES	FINESS Array S SNR=5.5	69.06 332	eP	P	01 37 56.0 -0.1
FINES	FINES comp=Z,10nm,0.6s,baz=58,slow=5.9,SNR=86	69.06 332	eP	LR	02 08 44.8
GOF	Gofitskoye SNR=5.5	69.75 311f	eP	P	01 38 01.1 +0.4
GOF	Gofitskoye comp=Z,27nm,0.7s	69.83 284	P	P	01 38 01.1 -0.5
WSAR	Wadi Sarin SNR=5.5	69.83 284	P	LR	02 11 40.8
WSAR	Wadi Sarin comp=Z,6.8nm,1.0s,baz=99,slow=4.7,SNR=6.6	69.83 284	P	LR	02 11 40.8
NCK	Nalchik SNR=5.5	70.21 310	iP	P	01 38 04.0 +0.4
NCK	Nalchik comp=Z,7.0nm,0.8s	70.21 310	iP	P	01 38 04.0 +0.4
BANOM	Banah SNR=7.1	70.25 288	iP	P	01 38 04.6 +0.5
SHME	Shamm SNR=7.1	70.31 288	iP	P	01 38 05.3 +0.8
ZEI	Zeiny SNR=7.1	70.39 309	eP	P	01 38 05.9 -1.0
ZEI	Zeiny comp=Z,6.0nm,0.9s	70.39 309	eP	P	01 38 05.9 -1.0
KBZ	Khabarovsk SNR=5.5	70.52 310	P	P	01 38 05.7 +0.2
KBZ	Khabarovsk comp=Z,17nm,0.9s,baz=63,slow=2.3,SNR=27	70.52 310	P	LR	02 11 24.0
KIV	Kislovodsk SNR=5.5	70.54 311	eP	P	01 38 06.5 +0.8
KIV	Kislovodsk comp=Z,87nm,18.4s,baz=19,slow=38	70.54 311	eP	P	01 38 06.5 +0.8
KIV	Kislovodsk comp=Z,51nm,1.1s	70.54 311	eP	MLR	01 38 06.5 +0.8
KIV	Kislovodsk comp=Z,66nm,18.0s	70.54 311	eP	P	01 38 06.1 +0.5
KIV	Kislovodsk comp=Z,11nm,0.9s	70.54 311	eP	P	01 38 06.2 +0.5
VSU	Vasula SNR=5.5	70.62 329	eP	P	01 38 05.8 0.0
VSU	Vasula comp=Z,144nm,2.5s	70.62 329	eP	P	01 38 05.8 0.0
UOSS	Minazif SNR=5.5	70.83 287	eP	P	01 38 08.1 +0.4
UOSS	Minazif comp=Z,7.4nm,0.8s	70.83 287	eP	P	01 38 08.1 +0.4
NEY	Neytrino SNR=5.5	70.88 310f	eP	P	01 38 08.9 +1.0
NEY	Neytrino comp=Z,3.0nm,0.8s	70.88 310f	eP	P	01 38 08.9 +1.0
HATD	Hatta, Dubai SNR=6.4	70.95 287	iP	P	01 38 08.9 +0.5
SOHO	SOHO SNR=2	71.00 286	iP	P	01 38 09.0 +0.3
ASHO	Ashiyah SNR=6.6	71.08 287	iP	P	01 38 09.5 +0.3
GNI	Garni SNR=5.5	71.22 306	P	P	01 38 10.4 +0.5
GNI	Garni comp=Z,4.2nm,0.9s,baz=38,slow=12,SNR=4.1	71.22 306	P	LR	02 11 04.1
GNI	Garni comp=Z,87nm,18.1s,baz=59,slow=37	71.22 306	eP	P	01 38 11.3 +0.3
GNI	Garni comp=Z,37nm,1.2s	71.22 306	eP	P	01 38 09.7 -0.3
AKH	Akhalkalaki SNR=5.5	71.36 308	P	P	01 38 11.4 +0.5
AKH	Akhalkalaki SNR=5.5	71.36 308	iP	P	01 38 11.4 +0.5
ALNE	Al Ain SNR=8.1	71.65 287	iP	P	01 38 12.9 +0.2
SUMG	Summit SNR=5.5	71.66 359	eP	P	01 38 13.6 +1.2
SUMG	Summit comp=Z,15nm,1.0s	71.66 359	eP	P	01 38 13.0 +0.6
SUMG	Summit comp=Z,12nm,1.0s	71.66 359	eP	P	01 38 13.6 +1.2
IZAR	Zarasai SNR=5.5	72.52 327	eP	IAMB	01 38 17.9 +0.7
IZAR	Zarasai comp=Z,9.1nm,0.6s	72.52 327	eP	IAMB	01 38 18.7
IDID	Didziasali SNR=5.5	72.57 327	eP	IAMB	01 38 18.2 +0.7
IDID	Didziasali comp=Z,10nm,0.9s	72.57 327	eP	IAMB	01 38 19.3
ISAL	Salakas SNR=5.5	72.68 327	eP	IAMB	01 38 18.9 +0.7
ISAL	Salakas comp=Z,15nm,0.8s	72.68 327	eP	IAMB	01 38 20.0
IIGN	Ignalina SNR=5.5	72.78 327	eP	IAMB	01 38 19.5 +0.7
IIGN	Ignalina comp=Z,6.8nm,0.6s	72.78 327	eP	IAMB	01 38 19.8
NACGM	Naroch SNR=5.5	72.91 326	eP	P	01 38 14.0 -0.5
SCO	Scorebysund SNR=5.5	72.95 354	iP	P	01 38 20.8 +1.2
SCO	Scorebysund SNR=5.5	72.95 354	iP	P	01 38 20.8 +1.2
BMO	Blue Mountains SNR=5.5	73.56 46	eP	P	01 38 25.7 +1.8
BMO	Blue Mountains comp=Z,3.0nm,0.9s	73.56 46	eP	P	01 38 25.7 +1.8
BMO	Blue Mountains comp=Z,3.0nm,0.9s	73.56 46	eP	P	01 38 25.7 +1.8
AKASG	Malin Array B SNR=5.5	74.25 322	P	P	01 38 27.3 +0.3
AKASG	Malin Array B comp=Z,13nm,0.7s,baz=48,slow=6.2,SNR=57	74.25 322	P	LR	02 12 05.7
AKASG	Malin Array Si SNR=5.5	74.25 322	eP	P	01 38 27.4 -0.1
AKBB	Malin Array Si SNR=5.5	74.25 322	eP	P	01 38 27.4 -0.1
AKBB	Malin Array Si comp=Z,14nm,0.7s	74.25 322	eP	P	01 38 27.4 -0.1
KIEV	Kiev SNR=5.5	74.26 322	eP	P	01 38 27.3 -0.3
KIEV	Kiev comp=Z,13nm,0.9s	74.26 322	eP	P	01 38 26.9 -0.7
KIEV	Kiev comp=Z,14nm,0.7s	74.26 322	iP	P	01 38 27.4 -0.3
AK11	Malin Array Si SNR=9.7	74.29 322	eP	P	01 38 27.5 -0.3
NC45	NORSAR Array S SNR=5.5	74.36 337	eP	P	01 38 27.6 -0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BRTR Keskin Array B, MMAL Mount Meron Ar, EKA Eskdalemuir Ar, MLR Muntele Rosu, etc.

1.4nm, 0.6s, baz=79, slow=2.3, SNR=4.2
1.0nm, 0.6s, baz=130, slow=4.6, SNR=7.9
PKPbc PKPbc 01 55 31.1 +0.1

IDC 11 01:54:24.3; 1.5; 2.92S; 129.28E, h0km, mb3.2/2,
mb1 3.6/4, mb1mx3.4/50, mbtmp3.4/4, ML3.5/2, Error
ellipse: s-maj=43.9km s-min=25.2km az=82.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSAI Masohi, NLAJ Namlea, SIJI Sorong, etc.

MEX 11 02:16:10.1-0.7, 14.75N-93.31W, h16km, 41km, MD3.5,
Near coast of Chiapas
Code Station Name Az Az' Phase ID Time Res h m s ISC

IGQ 11 02:36:54.0; 1.4; 2.2S; 13.8'11W, h10km, MLv4.4/4
ISC 11 02:36:57.4; 0.1, 1.6S; 01.811W; 0.2, h1km, n29,
-2545/31, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MAGI Magdalena, IGUA Iguazata, RICEI Riobamba, etc.

IDC 11 02:40:43.0; 1.6; 2.09N; 128.03E, h0km, mb3.8/5,
mb1 3.9/5, mb1mx3.6/54, mbtmp3.8/5, Error ellipse:
s-maj=136.8km s-min=18.6km az=67.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LBMI Labuha, SGSI Sangihe, SANI Sanana, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, URZ Uretera, ASAR Alice Springs, etc.

MAN 11 02:55:46.939N; 123.11E, h1km, mb4.4, ML3.2, MS2.9,
3C-2D, Negros
Code Station Name Az Az' Phase ID Time Res h m s ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JHO Hitachi, JNAJ Iwakimizuishi, JFM Kawouchi, etc.

mb1 5.3/28, mb1mx5.2/38, mbtmp5.2/28, ML4.8/2, MS5.3/31,
Ms1 5.3/31, sm1mx5.2/39, Error ellipse: s-maj=16.8km
s-min=11.1km az=82.0

GUC 11 02:58:17.0-0.1, 37.45S; 73.90W, h19km, 2km, ML5.8
GCMT 11 02:58:17.0-0.1, 37.54S; 73.68W, h24km, MW5.6/124,
Moment Tensor Solution. s108,c191; s124,c295;
Duration: 1s6 Moment tensor: Scale 10^17Nm;

NEIC 11 02:58:17.0-0.0, 37.46S; 73.88W, h20km, mb5.6/262,
MS5.3/143, MW5.6, ML5.8(GUC), Moment Tensor Solution.
s56 Moment tensor: Scale 10^17Nm; Mr1.97; Mw=0.08;

ISC 11 02:58:20.4; 1.1, 37.27S; 73.26W, h25km, mb5.7/74,
MS5.3/44, Error ellipse: s-maj=12.6km s-min=6.2km
az=90

BUI 11 02:58:23.0; 37.30S; 73.20W, h35km, mb5.6/35, Ms5.7/43,
Ms7.5/644
ISC 11 02:58:21.7-0.5, 37.36S; 0.03; 73.33W; 0.04, h29km, 3km,
h29km; PP-P, n1217, r1931/1175, mb5.6/279, MS5.4/191,
28C-19D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CCHI Chillan, COCH Cobquecura, TMU Temuco, etc.

ISC 11 02:58:23.0; 37.30S; 73.20W, h35km, mb5.6/35, Ms5.7/43,
Ms7.5/644
ISC 11 02:58:21.7-0.5, 37.36S; 0.03; 73.33W; 0.04, h29km, 3km,
h29km; PP-P, n1217, r1931/1175, mb5.6/279, MS5.4/191,
28C-19D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CANA Cavihuia, LNCH Linares, VLCH Valdivia, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASPA East Falkland, LCO Las Campanas, TRQA Torquait, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LPAZ La Paz, SIV San Ignacio, NNA Nana, etc.

OTAV	comp-Z,3um,20.2s,baz=187,slow=32	37.71 352 eP	P	03 05 36.3 +1.0	TLIG	comp-Z,9.0nm,21.0s	59.58 332 eP	P	03 08 24.4 +1.4	245A	Little AP, Sta	70.75 345 P	P	03 09 35.5 +0.5
OTAV	Otavallo	37.71 352 eP	P	03 05 36.3 +1.0	SBA	comp-Z,109nm,1.6s	59.58 192 eP	Pmax	03 08 17.4 -4.8	HPIG	Kurthwood	70.80 330 eP	P	03 09 36.2 +0.4
OTAV	comp-Z,2um,21.0s		LR		SBA	comp-Z,99nm,1.6s		MLR		341A	Greensboro	70.90 347 P	P	03 09 36.1 +0.7
OTAV	Otavallo	37.71 352 eP	P	03 05 36.7 +1.4	SBA	comp-Z,1um,19.0s	59.58 192 eP	MLR	03 08 17.4 -4.8	148A	Greensboro	70.92 347 P	P	03 09 36.1 +0.1
CMBC	Cumbar	38.33 353 eP	P	03 05 44.1 +3.4	SBA	comp-Z,99nm,1.6s		LR		244A	Avery, Jackson	70.92 344 P	P	03 09 37.0 +0.9
PTGA	Pitinga	38.48 22 P	P	03 05 41.0 -0.3	SBA	comp-Z,99nm,1.6s		LR		243A	Wafproof	70.94 344 P	P	03 09 37.1 +0.9
PTGA	Pitinga	comp-Z,21nm,0.8s,baz=205,slow=9.0,SNR=27			VNDA	comp-Z,1um,19.0s	60.61 192 P	P	03 08 30.4 +1.1	GOGA	Godfrey	71.04 351 P	P	03 09 36.5 -0.3
PTGA	Pitinga	38.48 22 PFAKE	LR	03 05 50.0 +8.7	VNDA	comp-Z,15nm,1.1s,baz=143,slow=5.8,SNR=16		LR	03 31 13.0	GOGA	Godfrey	71.04 351 eP	P	03 09 35.4 -1.4
GOUF	Volcan Galeras	38.57 354 eP	P	03 05 45.5 +2.8	VNDA	comp-Z,885nm,18.6s,baz=128,slow=33		LR	03 08 30.2 +0.9	GOGA	comp-Z,158nm,1.8s		MLR	MLR
FLUOC	Florencia	38.80 356 eP	P	03 05 43.7 -0.4	VNDA	comp-Z,88nm,1.4s	60.61 192 eP	Pmax	03 08 30.2 +0.9	GOGA	comp-Z,980nm,20.0s	71.04 351 eP	P	03 09 35.4 -1.4
TUMC	Tumaco	39.30 351 eP	P	03 05 48.8 +0.5	VNDA	comp-Z,88nm,1.4s	60.61 192 eP	P	03 08 30.2 +0.9	GOGA	comp-Z,58nm,1.8s		LR	LR
SOTA	Rioblanco	39.41 355 eP	P	03 05 51.4 +1.7	ASCN	Ascension	60.68 77 PFAKE	LR	03 08 40.0 +9.4	147A	Livingston	71.05 347 P	P	03 09 37.6 +0.7
PCON	Cinco Días	39.59 355 eP	P	03 05 53.4 +2.1	ASCN	comp-Z,3um,22.0s		LR		VBMS	Vicksburg	71.05 345 P	P	03 09 37.8 +0.9
PAYG	Puerto Ayora	39.72 333 eP	P	03 05 52.1 +0.4	MOIG	Morelia	62.51 330 eP	P	03 08 43.7 +0.7	VBMS	Vicksburg	71.05 345 eP	P	03 09 38.0 +1.1
PAYG	comp-Z,137nm,1.4s		LR		SHEL	comp-Z,330nm,1.9s		MLR		146A	Union	71.16 346 P	P	03 09 38.4 +0.8
BETC	Betania	39.88 357 eP	P	03 05 55.1 +2.0	SHEL	comp-Z,2um,22.0s	62.78 90 eP	Pmax	03 08 43.4 -1.4	LRAL	Lakeview Retre	71.18 348 P	P	03 09 37.6 -0.1
HORQ	Saladito	40.75 355 eP	P	03 05 00.0 -0.5	SHEL	comp-Z,2um,22.0s	62.78 90 eP	Pmax	03 08 43.4 -1.4	LRAL	Lakeview Retre	71.18 348 eP	P	03 09 36.8 -0.9
PRAC	Prado	40.88 358 eP	P	03 05 02.7 +1.3	SHEL	comp-Z,2um,22.0s	62.78 90 eP	LR		Z50A	Ashland	71.22 349 P	P	03 09 37.7 -0.3
YOTC	Yotoco, Valle	41.22 358 eP	P	03 06 02.7 +1.3	SYO	comp-Z,2um,22.0s	63.14 158 eP	P	03 08 38.8 -7.5	Z49A	Columbia	71.26 348 P	P	03 09 38.3 +0.1
WILC	Villavicencio,	41.26 359 eP	P	03 06 05.3 +1.1	SYO	Syowa Base	63.14 158 eP	P	03 08 44.4 -1.9	242A	Grayson	71.26 343 P	P	03 09 39.1 +0.9
TOLC	Tollima	41.77 357 eP	P	03 06 11.9 +2.8	SYO	Syowa Base	63.14 158 eP	P	03 08 50.0 +3.7	145A	Houston Renfro	71.30 345 P	P	03 09 39.4 +1.0
CHIC	Chingaza	41.77 359 eP	P	03 06 09.3 +0.2	DWPF	Disney Wildern	65.56 352 eP	P	03 09 02.1 -0.5	241A	Mo Tay, Goldon	71.41 343 P	P	03 09 40.7 +1.6
ROSC	El Rosal	41.99 359 P	P	03 06 11.3 +0.5	TBI	comp-Z,215nm,1.6s	65.57 259 eS	S	03 17 47.6 +1.0	144A	Alexander Plac	71.43 345 P	P	03 09 40.5 +1.3
ROSC	El Rosal	41.99 359 eP	P	03 06 12.5 +1.7	TBI	comp-Z,4um,29.2s	65.57 259 eR	LR	03 28 55.0	435B	Jarell	71.48 338 P	P	03 09 40.3 +0.8
ROSC	El Rosal	41.99 359 eP	P	03 06 13.4 +2.5	TBI	comp-Z,6um,25.5s,baz=120		T	04 19 57.9	Z47A	Carrollton	71.53 347 P	P	03 09 40.0 +0.3
RREF	El Recreo	42.08 357 eP	P	03 06 13.3 +1.4	TBI	comp-Z,6um,25.5s,baz=120		T	04 19 57.9	NATX	Nacogdoches	71.59 341 P	P	03 09 40.9 +0.7
PLMC	San Jos' del	42.13 356 eP	P	03 06 12.3 +0.7	ZAIG	Zacatecas	65.84 330 eP	P	03 09 06.3 +1.4	NATX	Nacogdoches	71.59 341 eP	P	03 09 40.1 -0.1
GUYC	Guyana, Colomb	42.40 357 eP	P	03 06 14.0 -0.3	TAOE	comp-Z,104nm,1.8s	66.28 277 eP	P	03 09 10.9 +3.2	NATX	Nacogdoches	71.59 341 eP	P	03 09 40.1 -0.1
YOPC	Yopal, Colomb	42.50 357 eP	P	03 06 13.2 +1.5	TAOE	comp-Z,120nm,1.4s	66.28 277 eP	P	03 17 55.2 -0.4	NATX	comp-Z,123nm,1.3s		LR	LR
NORC	Morcasia	42.72 358 eP	P	03 06 16.7 +0.2	TAOE	comp-Z,3um,26.7s	66.28 277 eR	LR	03 29 13.5	Z48A	Northport	71.61 347 P	P	03 09 40.2 -0.1
RUSC	La Rusia	43.02 0 eP	P	03 06 20.1 +0.7	TAOE	comp-Z,3um,26.7s	66.28 277 eR	LR	03 29 13.5	240A	Hunter Patters	71.63 342 P	P	03 09 40.1 -0.2
RUSC	La Rusia	43.02 0 eP	P	03 06 18.7 -0.7	TAOE	comp-Z,3um,26.7s	66.28 277 eR	LR	03 29 13.5	JSC	Jenkinsville	71.66 353 eP	Pmax	03 09 40.5 0.0
HELX	Santa Helena	43.37 357 eP	P	03 06 22.5 +0.5	TAOE	comp-Z,3um,26.7s	66.28 277 eR	LR	03 29 13.5	JSC	Jenkinsville	71.66 353 eP	Pmax	03 09 40.5 0.0
HELX	Santa Helena	43.37 357 eP	P	03 06 22.5 +0.5	TAOE	comp-Z,3um,26.7s	66.28 277 eR	LR	03 29 13.5	Z46A	Louisville	71.68 346 P	P	03 09 41.4 +0.7
PTBC	PUERTO BERRIO,	43.68 358 eP	P	03 06 23.3 -0.8	TAOE	comp-Z,3um,26.7s	66.28 277 eR	LR	03 29 13.5	142A	Monroe	71.68 343 P	P	03 09 41.7 +1.0
BARC	Barichara	43.72 0 eP	P	03 06 24.6 -0.1	TAOE	comp-Z,3um,26.7s	66.28 277 eR	LR	03 29 13.5	HODGE	Hodges	71.71 352 eP	P	03 09 40.9 +0.1
GIRC	Giron, Santand	44.20 0 eP	P	03 06 27.3 -1.2	TAOE	comp-Z,3um,26.7s	66.28 277 eR	LR	03 29 13.5	143A	Socs Landing,	71.71 344 P	P	03 09 41.6 +0.7
DBEC	Dabeiba	44.22 356 eP	P	03 06 34.1 +5.5	TAOE	comp-Z,3um,26.7s	66.28 277 eR	LR	03 29 13.5	Y50A	Piedmont	71.82 349 P	P	03 09 40.9 -0.6
BRRC	Barranca, Sant	44.23 359 eP	P	03 06 28.6 +0.1	TAOE	comp-Z,3um,26.7s	66.28 277 eR	LR	03 29 13.5	JCT	Junction City	71.89 336 P	P	03 09 42.5 +0.4
PAMC	Pamplona, Colo	44.47 1 eP	P	03 06 30.4 -0.6	TAOE	comp-Z,3um,26.7s	66.28 277 eR	LR	03 29 13.5	JCT	Junction City	71.89 336 eP	Pmax	03 09 41.8 -0.3
ZARC	Zaragoza, Cauc	44.64 358 eP	P	03 06 31.3 -0.5	TAOE	comp-Z,3um,26.7s	66.28 277 eR	LR	03 29 13.5	JCT	Junction City	71.89 336 eP	Pmax	03 09 40.1 -0.3
MOTC	Montería, Cord	45.34 357 eP	P	03 06 42.0 -0.2	TAOE	comp-Z,3um,26.7s	66.28 277 eR	LR	03 29 13.5	JCT	Junction City	71.89 336 eP	Pmax	03 09 41.7 -0.3
SDV	Santo Domingo	46.07 4 P	P	03 06 43.0 -0.4	TAOE	comp-Z,3um,26.7s	66.28 277 eR	LR	03 29 13.5	JCT	Junction City	71.89 336 eP	Pmax	03 09 41.7 -0.3
SDV	Santo Domingo	46.07 4 P	P	03 06 42.6 -0.7	TAOE	comp-Z,3um,26.7s	66.28 277 eR	LR	03 29 13.5	JCT	Junction City	71.89 336 eP	Pmax	03 09 41.7 -0.3
SDV	Santo Domingo	46.07 4 P	P	03 06 42.5 -0.8	TAOE	comp-Z,3um,26.7s	66.28 277 eR	LR	03 29 13.5	JCT	Junction City	71.89 336 eP	Pmax	03 09 41.7 -0.3
RCBR	Riachuelo	46.33 57 P	P	03 06 45.7 +0.3	TAOE	comp-Z,3um,26.7s	66.28 277 eR	LR	03 29 13.5	JCT	Junction City	71.89 336 eP	Pmax	03 09 41.7 -0.3
RCBR	Riachuelo	46.33 57 P	P	03 06 45.8 +0.5	TAOE	comp-Z,3um,26.7s	66.28 277 eR	LR	03 29 13.5	JCT	Junction City	71.89 336 eP	Pmax	03 09 41.7 -0.3
RCBR	Riachuelo	46.33 57 P	P	03 06 45.8 +0.5	TAOE	comp-Z,3um,26.7s	66.28 277 eR	LR	03 29 13.5	JCT	Junction City	71.89 336 eP	Pmax	03 09 41.7 -0.3
RCBR	Riachuelo	46.33 57 P	P	03 06 45.8 +0.5	TAOE	comp-Z,3um,26.7s	66.28 277 eR	LR	03 29 13.5	JCT	Junction City	71.89 336 eP	Pmax	03 09 41.7 -0.3
BCIP	Isla Barro Col	46.68 351 PFAKE	LR	03 07 00.0 +1.2	TAOE	comp-Z,3um,26.7s	66.28 277 eR	LR	03 29 13.5	JCT	Junction City	71.89 336 eP	Pmax	03 09 41.7 -0.3
BCIP	Isla Barro Col	46.68 351 PFAKE	LR	03 07 00.0 +1.2	TAOE	comp-Z,3um,26.7s	66.28 277 eR	LR	03 29 13.5	JCT	Junction City	71.89 336 eP	Pmax	03 09 41.7 -0.3
BCIP	Isla Barro Col	46.68 351 PFAKE	LR	03 07 00.0 +1.2	TAOE	comp-Z,3um,26.7s	66.28 277 eR	LR	03 29 13.5	JCT	Junction City	71.89 336 eP	Pmax	03 09 41.7 -0.3
BCIP	Isla Barro Col	46.68 351 PFAKE	LR	03 07 00.0 +1.2	TAOE	comp-Z,3um,26.7s	66.28 277 eR	LR	03 29 13.5	JCT	Junction City	71.89 336 eP	Pmax	03 09 41.7 -0.3
VNA3	Neumayer Olymp	46.68 157 P	P	03 06 47.7 +0.3	TAOE	comp-Z,3um,26.7s	66.28 277 eR	LR	03 29 13.5	JCT	Junction City	71.89 336 eP	Pmax	03 09 41.7 -0.3
VNA1	Neumayer-Stat	47.03 156 P	P	03 06 50.9 +0.8	TAOE	comp-Z,3um,26.7s	66.28 277 eR	LR	03 29 13.5	JCT	Junction City	71.89 336 eP	Pmax	03 09 41.7 -0.3
COAC	Agust' n Codaz	47.04 360 eP	P	03 06 47.9 -2.8	TAOE	comp-Z,3um,26.7s	66.28 277 eR	LR	03 29 13.5	JCT	Junction City	71.89 336 eP	Pmax	03 09 41.7 -0.3
VND2	Neumayer-Watz	47.36 156 P	P	03 06 52.5 -0.1	TAOE	comp-Z,3um,26.7s	66.28 277 eR	LR	03 29 13.5	JCT	Junction City	71.89 336 eP	Pmax	03 09 41.7 -0.3
PCRV	Puerto La Cruz	47.98 12 P	P	03 06 58.7 +0.6	TAOE	comp-Z,3um,26.7s	66.28 277 eR	LR	03 29 13.5	JCT	Junction City	71.89 336 eP	Pmax	03 09 41.7 -0.3
PCRV	Puerto La Cruz	47.98 12 P	P	03 06 58.7 +0.6	TAOE	comp-Z,3um,26.7s	66.28 277 eR	LR	03 29 13.5	JCT	Junction City	71.89 336 eP	Pmax	03 09 41.7 -0.3
PCRV	Puerto La Cruz	47.98 12 P	P	03 06 58.7 +0.6	TAOE	comp-Z,3um,26.7s	66.28 277 eR	LR	03 29 13.5	JCT	Junction City	71.89 336 eP	Pmax	03 09 41.7 -0.3
PCRV	Puerto La Cruz	47.98 12 P	P	03 06 58.7 +0.6	TAOE	comp-Z,3um,26.7s	66.28 277 eR	LR	03 29 13.5	JCT	Junction City	71.89 336 eP	Pmax	03 09 41.7 -0.3
PCRV	Puerto La Cruz	47.98 12 P	P	03 06 58.7 +0.6	TAOE	comp-Z,3um,26.7s	66.28 277 eR	LR	03 29 13.5	JCT	Junction City	71.89 336 eP	Pmax	03 09 41.7 -0.3
PCRV	Puerto La Cruz	47.98 12 P	P	03 06 58.7 +0.6	TAOE	comp-Z,3um,26.7s	66.28 277 eR	LR	03 29 13.5	JCT	Junction City	71.89 336 eP	Pmax	03 09 41.7 -0.3
PCRV	Puerto La Cruz	47.98 12 P	P	03 06 58.7 +0.6	TAOE	comp-Z,3um,26.7s	66.28 277 eR	LR	03 29 13.5	JCT	Junction City	71.89 336 eP	Pmax	03 09 41.7 -0.3
PCRV	Puerto La Cruz	47.98 12 P	P	03 06 58.7 +0.6	TAOE	comp-Z,3um,26.7s	66.28 277 eR	LR	03 29 13.5	JCT	Junction City	71.89 336 eP	Pmax	03 09 41

11d 2h

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like TKL Tuckaleechee C, X43A Marvell, Y40A Okolona, etc.

2012 FEB

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like PBMO Poplar Bluff, WMOK Wichita Mounta, WMOK Okolona, etc.

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Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like SLM Saint Louis, T34A McCloskey Farm, DBIC Dimboko, etc.

N43A	Stutzman Famil baz=168	79.26 348	P	P	03 10 23.5 -0.5	SCIA	comp=Z,115nm,1.6s	LR	LR	PEMO	Pembroke baz=177	82.73 357	P	P	03 10 42.1 -0.2	
QUA2	Belchertown comp=Z,36nm,0.9s	79.26 1	eP	P	03 10 24.8 +0.8	NVCB	Newcomb comp=Z,9nm,1.9s	80.95 359	eP	P	GSC	Goldstone, Bar baz=14	82.80 325	P	P	03 10 44.0 +0.8
O38A	Galt baz=164	79.29 344	P	P	03 10 23.9 -0.3	MVCO	Mesa Verde baz=153,SNR=11	81.01 332	P	P	GSC	Goldstone, Bar comp=Z,25nm,1.4s	82.80 325	eP	P	03 10 44.7 +1.6
N42A	Yates City baz=167	79.30 347	P	P	03 10 23.6 -0.6	MVCO	Mesa Verde comp=Z,71nm,1.4s	81.01 332	eP	P	GSC	Goldstone, Bar baz=165	82.80 325	eP	P	03 10 44.7 +1.6
P35A	Duane Minner, baz=162	79.31 342	P	P	03 10 23.8 -0.5	MVCO	comp=Z,3um,20.0s		LR	LR	G3A	Scanlan Farm, baz=165	82.83 346	P	P	03 10 42.8 -0.2
TSUM	Tsumeb comp=Z,3um,19.8s,baz=229,slow=33	79.31 106	LR	LR	03 41 46.0	K41A	Shullsburg baz=167	81.08 347	P	P	J34A	George baz=162	82.86 344	P	P	03 10 43.4 +0.3
TSUM	Tsumeb comp=Z,118nm,1.4s	79.31 106	eP	P	03 10 25.8 +0.7	K42A	Prairie Point, baz=168	81.08 348	P	P	K31A	O'Neill baz=160,SNR=17	82.91 341	P	P	03 10 43.6 +0.1
TSUM	comp=Z,3um,20.0s		LR	LR		IRM	Iron Mountain baz=148	81.11 356	P	P	MMU	Miners Mountain baz=162	82.94 331	eP	P	03 10 44.6 +0.5
113A	Mohawk Valley comp=Z,102nm,1.8s	79.31 326	eP	P	03 10 25.9 +1.5	PKRO	Pickering baz=176	81.11 356	P	P	KOWA	Kowa comp=Z,22nm,0.9s,baz=245,slow=4.5	82.97 66	P	P	03 10 45.0 +0.6
WES	Weston comp=Z,146nm,1.9s	79.39 2	eP	P	03 10 25.5 +0.9	LBNH	Lisbon baz=182	81.23 1	P	P	KOWA	comp=Z,2um,20.0s,baz=240,slow=34	82.97 66	eP	P	03 45 35.1
WES	Weston comp=Z,146nm,1.9s	79.39 2	eP	P	03 10 25.5 +0.9	LBNH	Lisbon comp=Z,164nm,1.9s	81.23 1	eP	P	KOWA	Kowa comp=Z,163nm,1.4s	82.97 66	eP	P	03 10 45.0 +0.8
BOSA	Bosch comp=Z,112nm,1.2s,baz=217,slow=5.2,SNR=34	79.44 118	P	P	03 10 25.7 0.0	LBNH	Lisbon comp=Z,164nm,1.9s	81.23 1	eP	P	EDW2	Edwards Ar 4s baz=146	83.00 324	P	P	03 10 45.0 +0.8
BOSA	comp=Z,1um,18.1s,baz=230,slow=35		LR	LR	03 45 02.2	LBNH	Lisbon comp=Z,164nm,1.9s	81.23 1	eP	P	I37A	Lemond, Waseca baz=164	83.01 346	P	P	03 10 43.4 -0.5
BOSA	Bosch comp=Z,205nm,1.3s	79.44 118	eP	P	03 10 25.8 0.0	XPFO	Pigion Flat comp=Z,5nm,1.2s	81.23 325	eP	P	SHOC	Shoone, Teco baz=147	83.06 326	P	P	03 10 44.9 +0.5
O37A	Wolven Farm, M baz=164,SNR=5.2	79.48 344	P	P	03 10 24.7 -0.5	PFO	Pinyon Flats O baz=147	81.23 325	eP	P	SHPR	Sheep Range comp=Z,111nm,1.8s	83.08 327	eP	P	03 10 46.0 +1.4
HRV	Adam Dzewonski comp=Z,131nm,1.8s	79.50 1	eP	P	03 10 26.3 +1.0	PFO	Pinyon Flats O comp=Z,42nm,1.2s	81.23 325	eP	P	J33A	Davis baz=162	83.12 343	eP	P	03 10 44.6 +0.1
HRV	Adam Dzewonski comp=Z,131nm,1.8s	79.50 1	eP	P	03 10 26.3 +1.0	PFO	comp=Z,1um,19.0s		MLR	MLR	SZCU	Shurtz Canyon comp=Z,150nm,1.7s	83.14 329	eP	P	03 10 46.8 +1.8
TR25A	Trinidad baz=156,SNR=26	79.51 335	P	P	03 10 26.6 +0.9	PFO	Pinyon Flats O comp=Z,42nm,1.2s	81.23 325	eP	P	I36A	Fitzsimmons Fa baz=161	83.14 345	P	P	03 10 44.7 +0.2
TR25A	Trinidad comp=Z,118nm,1.2s	79.51 335	eP	P	03 10 26.6 +0.9	PFO	comp=Z,1um,19.0s		LR	LR	MTPU	Mount Pierson comp=Z,69nm,1.9s	83.16 330	eP	P	03 10 45.9 +0.7
P34A	Walnut Farm, R baz=162,SNR=5.1	79.52 342	P	P	03 10 25.5 0.0	W13A	Hualapai Mount baz=147	81.34 327	eP	P	LMN	Caledonia Moun comp=Z,1um,21.6s,baz=122,slow=29	83.19 6	eP	P	03 10 45.3 +0.5
MHTCO	State Highway comp=Z,128nm,1.3s	79.59 335	eP	P	03 10 27.1 +0.9	BELC	Belle Mtn. Jos baz=147	81.35 325	P	P	I35A	Creekview Farm baz=163	83.19 344	P	P	03 10 44.4 -0.4
CBKS	Cedar Bluff baz=159	79.61 339	P	P	03 10 26.2 +0.1	JFWS	Jewell Farm comp=Z,48nm,1.3s	81.36 348	eP	P	RAO	Raoul Island comp=Z,1um,21.6s,baz=122,slow=29	83.20 238	LR	LR	03 38 35.1
CBKS	Cedar Bluff comp=Z,86nm,1.3s	79.61 339	eP	P	03 10 26.1 +0.1	JFWS	comp=Z,86nm,21.0s		MLR	MLR	TRQ	Mont Tremblant comp=Z,80nm,1.4s	83.21 329	eP	P	03 10 47.4 +2.0
CBKS	Cedar Bluff comp=Z,709nm,20.0s	79.61 339	eP	P	03 10 26.1 +0.1	JFWS	Jewell Farm comp=Z,48nm,1.3s	81.36 348	eP	P	H39A	Augusta baz=163	83.26 347	P	P	03 10 45.6 +0.5
CBKS	Cedar Bluff comp=Z,86nm,1.3s	79.61 339	eP	P	03 10 26.1 +0.1	JFWS	comp=Z,86nm,21.0s		LR	LR	LPMC	Laurel Mtn Rad baz=146	83.34 325	P	P	03 10 47.1 +1.1
CBKS	comp=Z,709nm,20.0s		LR	LR		Q24A	Divide baz=155,SNR=10	81.41 335	P	P	J32A	Parkston baz=161	83.38 342	P	P	03 10 46.0 +0.2
O36A	Bolckow baz=163	79.63 343	P	P	03 10 25.8 -0.3	Q24A	Divide comp=Z,98nm,1.4s	81.41 335	eP	P	F46A	Maclean City C baz=171	83.39 352	P	P	03 10 45.2 -0.6
N40A	Mertquake, Sal baz=165,SNR=5.1	79.64 346	P	P	03 10 26.1 0.0	L36A	Harm Buss Farm baz=164	81.44 344	P	P	N23A	Red Feather La baz=155,SNR=1.7s	83.41 336	eP	P	03 10 46.9 +0.5
W18A	Petrified Fore comp=Z,83nm,1.3s	79.65 330	eP	P	03 10 28.3 +1.8	MURC	Murrieta baz=147	81.57 324	P	P	N23A	Red Feather La comp=Z,93nm,1.7s	83.41 336	eP	P	03 10 47.0 +0.7
TRY	Troy comp=Z,196nm,1.8s	79.71 360	eP	P	03 10 27.6 +1.2	DELO	Deloer Mine baz=177	81.59 357	P	P	ECSO	EROS Data Cent baz=162	83.43 343	P	P	03 10 45.8 -0.3
X16A	Lo Mia Camp, P baz=162,SNR=5.1	79.73 329	eP	P	03 10 27.9 +0.9	LONY	Lake Ozonia baz=179	81.61 359	P	P	ECSO	EROS Data Cent comp=Z,178nm,1.8s	83.43 343	eP	P	03 10 46.0 -0.1
N39A	Derby Farms, D baz=165,SNR=11	79.82 345	P	P	03 10 26.6 -0.5	LONY	Lake Ozonia comp=Z,126nm,1.7s	81.61 359	eP	P	H38A	Maiden Rock baz=165	83.44 347	P	P	03 10 46.0 -0.1
MMNVY	Mt. Morris Dam comp=Z,121nm,1.8s	79.82 357	eP	P	03 10 27.4 +0.4	BGNE	Belgrade comp=Z,163nm,1.6s	81.61 341	eP	P	SRU	San Rafael Swe comp=Z,44nm,1.2s	83.44 332	eP	P	03 10 47.3 +0.8
AAM	Ann Arbor baz=172	79.84 352	P	P	03 10 27.0 -0.1	WVL	Waterville comp=Z,70nm,1.4s	81.61 3	eP	P	SRU	San Rafael Swe comp=Z,44nm,1.2s	83.44 332	eP	P	03 10 47.3 +0.8
AAM	Ann Arbor comp=Z,1um,22.0s	79.84 352	PFAKE	LR	03 10 40.0 +1.3	J41A	Loganville baz=167	81.76 348	P	P	H37A	Dierke Farm, C baz=165	83.46 346	P	P	03 10 46.5 +0.3
M42A	Sheffield baz=167	79.86 348	P	P	03 10 27.2 0.0	U15A	North Rim comp=Z,30nm,0.9s	81.81 329	eP	P	O20A	White River Ci baz=153,SNR=0	83.51 334	eP	P	03 10 47.0 +0.2
N38A	Joess South For baz=164,SNR=9.3	79.89 345	P	P	03 10 27.0 -0.5	FRNY	Flat Rock comp=Z,30nm,0.9s	81.81 360	eP	P	O20A	White River Ci comp=Z,52nm,1.1s	83.51 334	eP	P	03 10 47.8 +1.0
M41A	Milan baz=167,SNR=5.7	79.92 347	P	P	03 10 26.8 -0.8	HIZ	Haulti comp=Z,239nm,1.8s	81.82 227	eP	P	I34A	Hadley baz=163	83.55 344	P	P	03 10 47.3 +0.6
Y14A	Wickenburg comp=Z,129nm,1.4s	79.97 327	eP	P	03 10 29.2 +1.0	LBTB	Lobatse comp=Z,825nm,20.2s	81.84 115	LR	LR	MSU	Marysvale comp=Z,66nm,1.4s	83.56 330	eP	P	03 10 48.3 +1.1
O35A	Humboldt baz=162	79.98 343	P	P	03 10 27.9 -0.1	LBTB	Lobatse comp=Z,116nm,0.9s	81.84 115	eP	P	MSU	Marysvale comp=Z,66nm,1.4s	83.56 330	eP	P	03 10 48.3 +1.1
GLA	Glamis comp=Z,207nm,1.9s	80.02 326	eP	P	03 10 29.0 +0.6	LBTB	Lobatse comp=Z,116nm,0.9s	81.84 115	eP	P	PHWY	Pilot Hill comp=Z,66nm,1.4s	83.62 336	eP	P	03 10 47.8 +0.3
GLA	Glamis comp=Z,207nm,1.9s	80.02 326	eP	P	03 10 30.1 +1.7	GMRC	Granite Mount baz=148,SNR=7.4	81.85 326	P	P	H36A	Jessenland, He comp=Z,105nm,1.8s	83.66 345	P	P	03 10 47.5 +0.3
GLA	Glamis comp=Z,207nm,1.9s	80.02 326	eP	P	03 10 30.1 +1.7	LDFC	Landfair comp=Z,67nm,1.3s	81.86 326	eP	P	MPMC	Manual Prospe baz=147,SNR=15	83.73 325	P	P	03 10 49.1 +1.0
SNZO	South Karori comp=Z,2um,20.0s	80.05 225	PFAKE	LR	03 10 30.0 +1.4	PV01	Paradox Valley comp=Z,144nm,1.6s	81.86 333	eP	P	TCRU	Three Creeks R comp=Z,120nm,1.8s	83.75 330	eP	P	03 10 48.6 +0.5
SNZO	comp=Z,2um,20.0s		LR	LR		EMMW	East Machias comp=Z,144nm,1.6s	81.86 4	eP	P	PQI	Presque Isle comp=Z,127nm,1.6s	83.78 4	eP	P	03 10 47.8 0.0
N37A	Lee Faris, Mou baz=164	80.06 344	P	P	03 10 27.9 -0.4	K36A	Gilmore City baz=164	81.91 344	P	P	P18A	Preston Nuttin comp=Z,127nm,1.4s	83.79 332	eP	P	03 10 49.4 +1.0
O34A	Beatrice baz=162,SNR=7.9	80.09 342	P	P	03 10 28.2 -0.3	SADO	Sadowa comp=Z,144nm,2.0s	81.92 356	eP	P	FURC	Furnace Creek, baz=147	83.79 326	P	P	03 10 49.7 +1.6
M40A	Post Highland baz=166	80.13 346	P	P	03 10 28.4 -0.3	J40A	Soldiers Grove baz=167	81.92 347	P	P	G38A	Ridgeland baz=166	83.83 347	P	P	03 10 49.0 +0.9
O33A	Hebron baz=161,SNR=8.6	80.21 341	P	P	03 10 29.4 +0.2	BBRC	Big Bear Solar baz=147	81.99 325	P	P	P17A	Butcher Ranch, comp=Z,88nm,1.3s	83.84 332	eP	P	03 10 49.4 +0.9
N36A	Muff Farm, Cla baz=163	80.28 344	P	P	03 10 29.2 -0.4	PV05	Paradox Valley baz=166	82.00 332	eP	P	PKM	Mcherson Peak baz=145,SNR=6.2	83.86 323	P	P	03 10 50.1 +1.3
M39A	Webster baz=165	80.33 346	P	P	03 10 29.2 -0.5	PLVO	Plevna baz=177	82.09 357	P	P	ISA	Isabella, Lake comp=Z,155nm,1.8s	83.86 325	P	P	03 10 49.7 +1.1
ACCN	Adirondack Com comp=Z,155nm,1.8s	80.36 360	eP	P	03 10 30.5 +0.5	PLVO	Plevna comp=Z,142nm,1.8s	82.09 357	eP	P	ISA	Isabella, Lake comp=Z,155nm,1.8s	83.86 325	eP	P	03 10 49.9 +1.3
SWSC	Sam W. Stewart baz=148	80.38 325	P	P	03 10 31.5 +1.3	BANO	Bancroft baz=177	82.10 357	P	P	ISA	Isabella, Lake comp=Z,155nm,1.8s	83.86 325	eP	P	03 10 49.9 +1.3
L42A	Oliver, Polo baz=167	80.38 348	P	P	03 10 30.8 +0.7	L32A	Ely baz=161	82.14 342	P	P	TMUT	Trail Mountain comp=Z,50nm,1.3s	83.86 331	eP	P	03 10 50.1 +1.3
SDCO	Great Sand Dun baz=155,SNR=22	80.42 335	P	P	03 10 31.4 +0.6	HEC	Hector,Ludlow baz=147	82.19 326	P	P	TPNV	Topopah Spring comp=Z,163nm,1.8s	83.92 327	P	P	03 10 50.3 +1.3
SDCO	Great Sand Dun comp=Z,52nm,1.7s	80.42 335	eP	P	03 10 31.2 +0.4	PV04	Paradox Valley SNMCO	82.22 334	eP	P	TPNV	Topopah Spring comp=Z,163nm,1.8s	83.92 327	eP	P	03 10 50.3 +1.3
SDCO	comp=Z,52nm,1.7s		LR	LR		PV10	Paradox Valley BFSOC	82.24 332	eP	P	TPNV	Topopah Spring comp=Z,35nm,1.3s	83.92 327	eP	P	03 10 50.3 +1.3
LBZ	Lake Benmore comp=Z,126nm,1.5s	80.42 221	eP	P	03 10 32.5 +1.8	ISCO	Idaho Springs baz=155,SNR=16	82.31 335	P	P	SGU	Sterling comp=Z,93nm,1.3s	83.93 331	eP	P	03 10 50.5 +1.4
RPZ	Rata Peaks comp=Z,3um,21.8s,baz=162,slow=29	80.43 222	LR	P	03 37 14.5	ISCO	Idaho Springs comp=Z,57nm,1.6s	82.31 335	eP	P	H35A	Sunnyside Ranc baz=163	83.96 345	eP	P	03 10 48.4 -0.4
RPZ	Rata Peaks comp=Z,148nm,1.4s	80.43 222	eP	P	03 10 31.5 +0.8	ISCO	Idaho Springs comp=Z,57nm,1.6s	82.31 335	eP	P	DAC	Darwin (Calif) comp=Z,105nm,1.8s	83.96 325	eP	P	03 10 50.3 +1.1
Y12C	Blythe baz=148,SNR=8.0	80.48 326	eP	P	03 10 32.0 +1.3	ISCO	Idaho Springs comp=Z,764nm,19.0s	82.31 335	eP	P	DAC	Darwin (Calif) comp=Z,105nm,1.8s	83.96 325	eP	P	03 10 50.3 +1.1
Y12C	Blythe comp=Z,74nm,1.3s	80.48 326	eP	P	03 10 32.2 +1.4	ISCO	Idaho Springs comp=Z,59nm,1.6s	82.31 335	eP	P	E45A	Wooded Hills, baz=171	84.01 352	P	P	03 10 48.6 -0.3
M38A	Pleasantville baz=165,SNR=5.6	80.4														

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and Station Name. Includes stations like Labuha, Namla, Sanana, etc.

ISCJB 11 03:42:28.9.0.5, 37.54N.0.02.38.83E.0.03, h2km, 4km, Error ellipse: s-maj=4.9km s-min=3.3km az=37.8

CSEM 11 03:42:28.4.0.2, 37.55N.38.87E, h2km, ML2.6, Error ellipse: s-maj=4.8km s-min=3.5km az=124.0

DDA 11 03:42:28.7, 37.56N.38.84E, h7km, ML2.6, Error ellipse: s-maj=5.3km s-min=3.82E, h7km, ML2.6/5

ISC 11 03:42:28.7, 37.53N.0.02.38.86E.0.02, h8km, 6km, n35, c066/61, Turkey

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and Station Name. Includes stations like Urfa, Bozova, Sanliurfa, etc.

ISCJB 11 03:48:13.7.0.9, 0.0N.0.1.126.23E.0.09, h10km, mb3.7/5, Error ellipse: s-maj=20.8km s-min=8.3km az=28.3

DJA 11 03:48:16.2.3.4, 0.1N.10.12.6E.1.3, h32km, 53km, M3.4/4, MLV3.4/4

ISC 11 03:48:16.9.1.4, 0.1N.126.25E, h0km, mb3.7/5, s-maj=13.5, mb1mx3.8/4, mb1mx3.7/5, Error ellipse: s-maj=15.3km s-min=12.1km az=66.0

ISC 11 03:48:15.5.1.1, 0.1N.0.1.126.19E.0.08, h10km, n8, c453/9, mb3.8/5, Northern Moluca Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and Station Name. Includes stations like Labuha, Sanana, Warramunga, etc.

ISC 11 03:53:54.4.8.6, 5.188S.173.33W, h0km, mb4.1/5, mb1 4.3/5, mb1mx3.8/4, mb1mx3.8/4, Error ellipse: s-maj=195.6km s-min=129.7km az=125.0, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and Station Name. Includes stations like Mont Dzumac, Stephens Creek, Warramunga, etc.

ISK 11 04:00:47.9, 38.91N.43.75E, h8km, ML2.5/6, ISCJB 11 04:00:48.4.0.7, 38.91N.0.03.43.79E.0.05, h6km, 5km, Error ellipse: s-maj=6.9km s-min=4.9km az=25.7

CSEM 11 04:00:48.1.0.3, 38.91N.43.78E, h5km, ML2.6, Error ellipse: s-maj=6.6km s-min=4.7km az=116.0

DDA 11 04:00:48.6, 38.91N.43.72E, h7km, ML2.6, ISC 11 04:00:48.7.1.0, 38.93N.0.03.43.74E.0.03, h6km, 6km, n27, c091/45, Turkey

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and Station Name. Includes stations like Van-Muradiye, Caldiran, ERCIS-VAN, etc.

ISCJB 11 04:12:01.3.0.5, 46.06N.141.28E, h10km, mb3.4/1, JMA 11 04:12:01.8.0.3, 46.11N.141.04E, h11km, 4km, M3.1

ISCJB 11 04:12:02.6.1.9, 46.08N.0.04.141.0E.0.2, h27km, 9km, Error ellipse: s-maj=21.3km s-min=6.5km az=9.6

ISC 11 04:12:00.8.2.9, 46.10N.0.06.141.1E.0.2, h12km, 15km, n6, c093/10, Sakhalin Island

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and Station Name. Includes stations like Karacoban, Karacoban, Guroymak-BITLI, etc.

CSEM 11 04:20:30.2, 39.48N.29.79W, h15km, ML3.0, PDA 11 04:20:30.2.1.1, 39.48N.29.79W, h15km, MD3.5, ML3.0, Error ellipse: s-maj=8.3km s-min=2.3km az=29.0, Azores Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and Station Name. Includes stations like FLORES T-PHASE, Cedros, Caldeira, etc.

ISCJB 11 04:27:16.5.0.6, 13.30S.0.06.76.77W.0.09, h59km, mb4.1/20, MS4.0/1, Error ellipse: s-maj=12.6km s-min=7.7km az=158.7

NEIC 11 04:27:18.9.1.0, 13.26S.76.71W, h58km, 8km, mb4.1/7, Error ellipse: s-maj=12.3km s-min=6.2km az=47.0

NEIC Felt at Chilca, Mala and Nazca, IDC 11 04:27:18.7.0.7, 13.21S.76.66W, h56km, 4km, mb3.9/14, mb1 4.1/16, mb1mx3.9/14, mb1mx3.9/14, Error ellipse: s-maj=19.9km s-min=12.4km az=58.0

ISC 11 04:27:19.0.0.6, 13.19S.0.08.76.7W.0.1, h59km, n66, c1522/61, mb4.1/20, Near coast of Peru

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and Station Name. Includes stations like Nana, Atahualpa, LPAZ, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and Station Name. Includes stations like Orlik, Arshan, Talaya, etc.

ISCJB 11 04:23:23.2.2.2, 38.51N.14.32E, h128km, 18km, mb2.9, mpv3.6, Error ellipse: s-maj=24.4km s-min=18.0km az=64.0

ISC 11 04:23:21.2.2.2, 38.4N.0.2.72.98E.0.09, h103km, n19, c2515/27, 9C-11T, Tajikistan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and Station Name. Includes stations like Sufi-Kurgan, Kashi, Almayashu, etc.

ISCJB 11 04:27:16.5.0.6, 13.30S.0.06.76.77W.0.09, h59km, mb4.1/20, MS4.0/1, Error ellipse: s-maj=12.6km s-min=7.7km az=158.7

NEIC 11 04:27:18.9.1.0, 13.26S.76.71W, h58km, 8km, mb4.1/7, Error ellipse: s-maj=12.3km s-min=6.2km az=47.0

NEIC Felt at Chilca, Mala and Nazca, IDC 11 04:27:18.7.0.7, 13.21S.76.66W, h56km, 4km, mb3.9/14, mb1 4.1/16, mb1mx3.9/14, mb1mx3.9/14, Error ellipse: s-maj=19.9km s-min=12.4km az=58.0

ISC 11 04:27:19.0.0.6, 13.19S.0.08.76.7W.0.1, h59km, n66, c1522/61, mb4.1/20, Near coast of Peru

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and Station Name. Includes stations like Nana, Atahualpa, LPAZ, etc.

ISCJB 11 04:27:16.5.0.6, 13.30S.0.06.76.77W.0.09, h59km, mb4.1/20, MS4.0/1, Error ellipse: s-maj=12.6km s-min=7.7km az=158.7

NEIC 11 04:27:18.9.1.0, 13.26S.76.71W, h58km, 8km, mb4.1/7, Error ellipse: s-maj=12.3km s-min=6.2km az=47.0

NEIC Felt at Chilca, Mala and Nazca, IDC 11 04:27:18.7.0.7, 13.21S.76.66W, h56km, 4km, mb3.9/14, mb1 4.1/16, mb1mx3.9/14, mb1mx3.9/14, Error ellipse: s-maj=19.9km s-min=12.4km az=58.0

ISC 11 04:27:19.0.0.6, 13.19S.0.08.76.7W.0.1, h59km, n66, c1522/61, mb4.1/20, Near coast of Peru

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and Station Name. Includes stations like Nana, Atahualpa, LPAZ, etc.

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

IDC 11 04:44:21.0, 0.6, 2.6S; 76:71W, h0km, mb4.3/15, mb1.4/20, mb1mx4.3/46, mbtmp4.3/20, ML4.0/5, MS3.9/9, Ms1.3/9.9, ms1mx3.4/57.1, Error ellipse: s-maj=17.3km s-min=13.5km az=57.0

ISCJB 11 04:44:22.0, 0.2, 6.2BS; 0:03k; 76:50W; 0.4h, h10km, mb4.7/80, MS4.0/4, Error ellipse: s-maj=6.0km s-min=3.3km az=158.7

NEIC 11 04:44:24.5, 2.6, 3.3S; 76:49W, h17km, 14km, mb4.7/67, Error ellipse: s-maj=8.5km s-min=4.8km az=65.0

NEIC Felt [III] at Moyobamba and Tarapoto. Also felt at Lamas and Rioja.

IGQ 11 04:44:25.0, 0.6, 8.6S; 10:77W; 2.3, h12km, mb5.4/5, mb5.3/6, MLV5.4/7, Mw(mb)4.9/S, MwMwp4.6/1, Mwp5.0/1

ISC 11 04:44:23.0, 0.4, 6.3SS; 0:04; 76:61W; 0.08h, h10km, n191, r152/206, mb4.8/80, MS0.4/4, Northern Pp

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

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PCON, BARP, MARP, etc.

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

IDC 11 04:47:04.5, 1.2, 37.91N; 21:19E, h0km, mb3.6/7, mb1.3/5/10, mb1mx3.4/64, mbtmp3.4/10, ML2.6/2, Error ellipse: s-maj=27.8km s-min=20.2km az=114.0

ISCJB 11 04:47:07.3, 0.5, 37.68N; 0:02; 21:40E; 0.03h, h10km, 3km, mb3.5/7, Error ellipse: s-maj=4.4km s-min=2.9km az=157.0

THE 11 04:47:07.4, 37:69N; 21:41E, h7km, ML3.1/10, Error ellipse: s-maj=0.8km s-min=0.3km az=81.0

CSEM 11 04:47:07.0, 37:68N; 21:40E, h10km, ML3.4, Error ellipse: s-maj=4.5km s-min=3.1km az=64.0

ATH 11 04:47:07.1, 37:71N; 21:41E, h14km, 1km, ML3.1/17, Error ellipse: s-maj=1.6km s-min=0.8km az=93.0

ISC 11 04:47:07.0, 0.9, 37.72N; 0:02; 21:43E; 0.02h, h13km, 7km, n129, r095/169, mb3.6/77, Southern Greece

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

AMT	Artemida-Makis	0.29	130	S	Sg	04 47 20.6	+0.2
AMT	Drossia	0.32	44	P	Pb	04 47 14.5	-0.2
DRO	comp=E,50087um,0.4s			AML	AML	04 47 19.5	-0.3
DRO	Drossia	0.32	44	P	Pb	04 47 14.5	-0.2
DRO	Drossia	0.32	44	P	Pb	04 47 19.5	-0.3
RLS	Riolos of Patr	0.34	5	S	Sb	04 47 19.6	-0.3
RLS	Riolos of Patr	0.34	5	S	Sb	04 47 15.1	+0.2
RLS	Riolos of Patr	0.34	5	S	Sb	04 47 20.5	+0.3
RLS	comp=N,18251um,0.4s			AML	AML	04 47 22.4	
RLS	Riolos of Patr	0.34	5	P	Pb	04 47 14.8	-0.1
RLS	Riolos of Patr	0.34	5	P	Pb	04 47 19.9	-0.3
RLS	Riolos of Patr	0.34	5	P	Pb	04 47 19.9	-0.3
MES3	Kyparissia	0.51	157	S	Sg	04 47 18.1	+0.2
MES3	Kyparissia	0.51	157	S	Sg	04 47 23.8	+0.0
UPR	University Cam	0.63	27	P	Pg	04 47 23.8	+0.0
UPR	University Cam	0.63	27	P	Pg	04 47 21.3	+0.4
KFL	Anninata	0.64	308	P	Pg	04 47 18.9	-0.5
KFL	Anninata	0.64	308	P	Pg	04 47 18.9	-0.5
KFL	Anninata	0.64	308	P	Pg	04 47 19.6	+0.2
KLV	Kalavryta, Ach	0.66	60	P	Pb	04 47 19.2	+0.6
KLV	Kalavryta, Ach	0.66	60	P	Pb	04 47 30.1	+0.6
KLV	comp=N,1594um,0.3s			AML	AML	04 47 35.2	
KLV	Kalavryta, Ach	0.66	60	P	Pb	04 47 20.3	-0.1
KLV	Kalavryta, Ach	0.66	60	P	Pb	04 47 29.9	+0.4
KLV	Kalavryta, Ach	0.66	60	P	Pb	04 47 20.3	-0.1
ITM	Ithomi	0.67	144	P	Pg	04 47 30.6	+1.1
ITM	Ithomi	0.67	144	P	Pg	04 47 19.7	-0.4
ITM	Ithomi	0.67	144	P	Pg	04 47 31.4	+0.4
ITM	Ithomi	0.67	144	P	Pg	04 47 35.6	
ITM	Ithomi	0.67	144	P	Pg	04 47 19.7	-0.4
ITM	Ithomi	0.67	144	P	Pg	04 47 19.8	-0.3
ITM	Ithomi	0.67	144	P	Pg	04 47 29.4	-0.4
ITM	Ithomi	0.67	144	P	Pg	04 47 19.8	-0.3
LAKA	Lakka	0.68	40	P	Pb	04 47 29.5	-0.4
LAKA	Lakka	0.68	40	P	Pb	04 47 20.2	0.0
LAKA	Lakka	0.68	40	P	Pb	04 47 23.3	+0.2
LAKA	Lakka	0.68	40	P	Pb	04 47 33.3	
LAKA	Lakka	0.68	40	P	Pb	04 47 33.5	
LAKA	Lakka	0.68	40	P	Pb	04 47 20.6	-0.1
LAKA	Lakka	0.68	40	P	Pb	04 47 31.3	+0.2
LAKA	Lakka	0.68	40	P	Pb	04 47 20.6	-0.1
LAKA	Lakka	0.68	40	P	Pb	04 47 31.7	+0.1
GUR	Goura	0.76	73	P	Pg	04 47 42.3	
GUR	Goura	0.76	73	P	Pg	04 47 21.9	-0.2
GUR	Goura	0.76	73	P	Pg	04 47 33.4	+1.0
GUR	Goura	0.76	73	P	Pg	04 47 21.9	-0.2
GUR	Goura	0.76	73	P	Pg	04 47 33.4	+1.0
EPF	Efpalio	0.80	28	P	Pb	04 47 21.9	-0.6
EPF	Efpalio	0.80	28	P	Pb	04 47 35.1	-0.7
EPF	Efpalio	0.80	28	P	Pb	04 47 39.3	
EPF	Efpalio	0.80	28	P	Pb	04 47 39.6	
EPF	Efpalio	0.80	28	P	Pb	04 47 23.0	+0.2
EPF	Efpalio	0.80	28	P	Pb	04 47 35.1	-0.7
EPF	Efpalio	0.80	28	P	Pb	04 47 23.0	+0.2
VLS	Valsamata	0.80	305	P	Pg	04 47 35.3	-0.5
VLS	Valsamata	0.80	305	P	Pg	04 47 21.5	-1.1
VLS	Valsamata	0.80	305	P	Pg	04 47 41.2	
VLS	Valsamata	0.80	305	P	Pg	04 47 22.5	-0.1
VLS	Valsamata	0.80	305	P	Pg	04 47 34.4	+0.7
VLS	Valsamata	0.80	305	P	Pg	04 47 34.4	+0.7
TRIZ	Trizonia	0.82	38	P	Pg	04 47 22.0	-0.9
TRIZ	Trizonia	0.82	38	P	Pg	04 47 35.9	-0.4
TRIZ	Trizonia	0.82	38	P	Pg	04 47 22.0	-0.9
TRIZ	Trizonia	0.82	38	P	Pg	04 47 35.9	-0.4
VLX	Vlachokerasia	0.83	115	P	Pb	04 47 23.3	-0.1
VLX	Vlachokerasia	0.83	115	P	Pb	04 47 23.3	-0.1
PYL	PYLOS	0.86	163	P	Pg	04 47 22.9	-0.8
PYL	PYLOS	0.86	163	P	Pg	04 47 22.9	-0.8
KALE	Kaliithea	0.87	40	S	Sb	04 47 23.2	-0.1
KALE	Kaliithea	0.87	40	S	Sb	04 47 38.0	+0.3
KALE	Kaliithea	0.87	40	S	Sb	04 47 40.6	
KALE	Kaliithea	0.87	40	S	Sb	04 47 41.2	
KALE	Kaliithea	0.87	40	S	Sb	04 47 24.4	+0.3
KALE	Kaliithea	0.87	40	S	Sb	04 47 37.5	-0.3
KALE	Kaliithea	0.87	40	S	Sb	04 47 24.4	+0.3
KALE	Kaliithea	0.87	40	S	Sb	04 47 37.5	-0.3
PVO	Paravola	0.90	5	S	Sb	04 47 23.2	-0.1
PVO	Paravola	0.90	5	S	Sb	04 47 37.9	-0.3
PVO	Paravola	0.90	5	S	Sb	04 47 23.2	-0.1
PVO	Paravola	0.90	5	S	Sb	04 47 37.9	-0.3
METH	Methoni	0.92	166	P	Pg	04 47 23.2	-1.6
METH	Methoni	0.92	166	P	Pg	04 47 45.0	
METH	Methoni	0.92	166	P	Pg	04 47 47.6	
METH	Methoni	0.92	166	P	Pg	04 47 23.2	-1.6
THAL	Thalero	1.03	72	P	Pb	04 47 26.9	+0.2
THAL	Thalero	1.03	72	P	Pb	04 47 26.9	+0.2
THAL	Thalero	1.03	72	P	Pb	04 47 28.6	+0.3
DSF	Desfina	1.11	51	P	Pn	04 47 28.6	+0.3
DYR	Agios Nikonas	1.20	143	P	Pb	04 47 29.2	-0.4
DYR	Agios Nikonas	1.20	143	P	Pb	04 47 29.2	-0.4
LKD2	Lefkada island	1.23	331	P	Pn	04 47 29.3	-0.6
LKD2	Lefkada island	1.23	331	P	Pn	04 47 48.8	+2.4
LKD2	Lefkada island	1.23	331	P	Pn	04 47 54.4	
LKD2	Lefkada island	1.23	331	P	Pn	04 47 54.6	
LKD2	Lefkada island	1.23	331	P	Pn	04 47 30.1	+0.2
LKD2	Lefkada island	1.23	331	P	Pn	04 47 48.2	+1.8
LKD2	Lefkada island	1.23	331	P	Pn	04 47 30.1	+0.2
LKD2	Lefkada island	1.23	331	P	Pn	04 47 48.2	+1.8
EVY	Evyrytania	1.23	14	P	Pn	04 47 28.9	-1.1
EVY	Evyrytania	1.23	14	P	Pn	04 47 58.9	
EVY	Evyrytania	1.23	14	P	Pn	04 48 01.1	
EVY	Evyrytania	1.23	14	P	Pn	04 47 30.8	+0.1
EVY	Evyrytania	1.23	14	P	Pn	04 47 30.8	+0.1
LOUT	Loutraki	1.25	77	P	Pg	04 47 32.0	+0.9
LOUT	Loutraki	1.25	77	P	Pg	04 47 32.0	+0.9
LOUT	Loutraki	1.25	77	P	Pg	04 47 32.0	+0.9
LOUT	Loutraki	1.25	77	P	Pg	04 47 32.0	+0.9
LOUT	Loutraki	1.25	77	P	Pg	04 47 30.5	+0.2
LOUT	Loutraki	1.25	77	P	Pg	04 47 30.5	+0.2
PROD	Prodromos	1.28	65	P	Pg	04 47 31.4	+0.3
PROD	Prodromos	1.28	65	P	Pg	04 47 57.9	
PROD	Prodromos	1.28	65	P	Pg	04 47 58.2	
PROD	Prodromos	1.28	65	P	Pg	04 47 31.4	+0.3
KRND	KRANIDI	1.41	103	P	Pg	04 47 34.7	+0.6
KRND	KRANIDI	1.41	103	P	Pg	04 47 34.7	+0.6

DSL	Palaion Diasel	1.43	350	P	Pn	04 47 32.9	+0.1
DSL	Palaion Diasel	1.43	350	P	Pn	04 47 33.5	-0.1
DSL	Palaion Diasel	1.43	350	P	Pn	04 47 33.5	-0.1
DID	Didima	1.45	98	P	Pn	04 47 33.2	+0.2
DID	Didima	1.45	98	P	Pn	04 47 33.8	-0.2
DID	Didima	1.45	98	P	Pn	04 47 33.8	-0.2
LKR	Lokris	1.55	53	P	Pg	04 47 37.4	+0.6
LKR	Lokris	1.55	53	P	Pg	04 48 01.2	
LKR	Lokris	1.55	53	P	Pg	04 47 35.2	-0.4
LKR	Lokris	1.55	53	P	Pg	04 47 35.2	-0.4
VLI	Veliai	1.57	129	P	Pg	04 47 38.9	+1.8
VLI	Veliai	1.57	129	P	Pg	04 47 38.9	+1.8
VLI	Veliai	1.57	129	P	Pg	04 47 10.1	+0.8
SMIA	Simia	1.82	50	P	Pn	04 48 10.1	
SMIA	Simia	1.82	50	P	Pn	04 48 15.8	
SMIA	Simia	1.82	50	P	Pn	04 47 41.0	+0.8
VLY	Voula,Athens	1.88	85	P	Pn	04 47 39.4	+0.5
VLY	Voula,Athens	1.88	85	P	Pn	04 47 39.4	+0.5
ATHU	Athens Univeris	1.88	82	P	Pb	04 47 40.3	-0.9
ATHU	Athens Univeris	1.88	82	P	Pb	04 47 40.3	-0.9
THL	Kiokitos Trika	1.90	14	P	Pn	04 47 42.4	+0.9
THL	Kiokitos Trika	1.90	14	P	Pn	04 47 42.4	+0.9
KYTH	Kythira	1.95	138	P	Pg	04 47 44.1	-0.3
PTL	Penteli	1.96	80	P	Pn	04 47 40.6	+0.7
PTL	Penteli	1.96	80	P	Pn	04 47 40.7	+0.7
JAN	Janina	1.98	347	P	Pb	04 47 43.3	+0.3
JAN	Janina	1.98	347	P	Pb	04 47 43.3	+0.3
IGT	Igoumenitsa	2.00	335	P	Pn	04 47 41.2	+0.6
IGT	Igoumenitsa	2.00	335	P	Pn	04 47 41.2	+0.6
FYTO	Fytokos, Volos	2.06	35	P	Pb	04 47 43.0	-1.3
FYTO	Fytokos, Volos	2.06	35	P	Pb	04 47 43.0	-1.3
ERYE	Eretria	2.10	70	P	Pb	04 47 45.3	+0.4
ERYE	Eretria	2.10	70	P	Pb	04 47 45.3	+0.4
NEO	Neokhori	2.12	41	P	Pb	04 47 44.7	-0.6
NEO	Neokhori	2.12	41	P	Pb	04 47 44.7	-0.6
SKIA	Skiahos	2.15	47	P	Pb	04 47 45.6	-0.3
SKIA	Skiahos	2.15	47	P	Pb	04 47 45.6	-0.3
KPRO	Kipourio	2.23	359	P	Pn	04 47 48.2	+0.9
KPRO	Kipourio	2.23	359	P	Pn	04 47 48.2	+0.9
ANKY	Antikythira Is	2.38	140	P	Pb	04 47 49.6	-0.2
ANKY	Antikythira Is	2.38	140	P	Pb	04 47 49.6	-0.2
PENT	Pentalofos	2.48	355	P	Pb	04 47 52.2	+0.7
PENT	Pentalofos	2.48	355	P	Pb	04 47 52.2	+0.7
BIA	Bitolia	3.29	95	ePn	P	04 48 04.2	+0.6
APR	Apeiranthos	3.33	100	P	Pn	04 48 00.4	+1.5
APR	Apeiranthos	3.33	100	P	Pn	04 48 00.4	+1.5
KRUS	Krusevo	3.65	358	ePn	P	04 48 06.0	+2.7
ANO	Anoyia	3.70	130	Pn	P	04 48 06.2	+2.3
ANO	Anoyia	3.70	130	Pn	P	04 48 06.2	+2.3
IDI	Idi	4.08	27	Pn	Pn	04 48 50.9	+3.5
IDI	Idi	4.08	27	Pn	Pn	04 48 50.9	+3.5
NVR	Neurokopi	4.08	27	Pn	Pn	04 48 11.1	+1.9
NVR	Neurokopi	4.08	27	Pn	Pn	04 48 11.1	+1.9
MLR	Murteles Rosu	8.47	22	Pn	Pn	04 49 08.9	-0.5
MLR	Murteles Rosu	8.47	22	Pn	Pn	04 49 08.9	-0.5
BRTR	Keskin Array B	9.75	74	Pn	Pn	04 49 31.6	+4.5
BRTR	Keskin Array B	9.75	74	Pn	Pn	04 49 31.6	+4.5
HFS	Hagfros	22.97	350	P	P	04 52 07.3	-3.6
HFS	Hagfros	22.97	350	P	P	04 52 07.3	-3.6
FINES	FINES Array B	23.92	6	P	P	04 52 18.3	-2.2
FINES	FINES Array B	23.92</					

11d 5h

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

2012 FEB

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

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

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like GRG, VAY, WAF, etc.

IDC 11 05:30:34.1±0.5, 10.08N:123.22E, h0km, mb4.3/21, mb1.4/21, mb1mx4.1/66, mbtmp4.3/21, MS3.8/1, Ms1.3/1, ms1mx2.7/57, Error ellipse: s-maj=22.5km s-min=12.2km az=77.0

BJJ 11 05:30:35.1, 10.05N:123.32E, h11km, mb4.6/28, MB4.8/13, MS4.3/10, Ms7.4/21/0
MAN 11 05:30:36.1, 10.11N:123.16E, h4km, mb4.9, ML3.8, MS3.8
ISCJB 11 05:30:37.4±0.5, 10.12N:0.02:123.20E:0.02, h27km, km, mb4.5/56, MS3.9/2, Error ellipse: s-maj=4.2km s-min=3.5km az=149.0

NEIC 11 05:30:37.4±0.8, 10.11N:123.18E, h17km, km, mb4.7/31, Error ellipse: s-maj=6.8km s-min=4.3km az=78.0
NEIC Felt (III PIVS) at Hinangaran and (I PIVS) at La Carlota and La Libertad, Negros

ISC 11 05:30:36.9±0.7, 10.12N:0.03:123.23E:0.03, h12km, km, n119.1, f1563/148, mb4.6/56, MS4.0/3, SC-2D, Cbc

Main station list table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like LLP, TBP, SNPH, etc.

Main station list table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like KS01, COEN, LZH, WRAB, etc.

Main station list table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like TROQA, BJJ, GCMT, etc.

JAGI	Jajag, Banyuw	20.55 206	eP	P	05 43 46.5	-0.8
GMJI	Gumukmas	20.69 208	P	Pn	05 43 51.0	-0.2
MYKOM	Kota Tinggi	20.95 248	↑P	P	05 43 53.6	-0.6
MYKOM	Kota Tinggi	20.95 248	eP	P	05 43 50.6	-1.0
GENI	Genyem	21.07 126	P	P	05 43 58.5	+5.6
PWJI	Pagenwojo	21.30 213	P	P	05 43 57.8	+2.4
TK35	Kluang	21.35 57.1	↑P	P	05 43 57.1	+1.1
GUMO	Guam	21.46 79	LR	LR	05 52 08.6	
PCJI	Pacitan	21.78 214	P	P	05 44 02.8	+2.3
WHN	Wuhan	21.95 339	↑P	S	05 44 06.2	+4.0
WHN			S	S	05 48 00.5	-3.9
WHN	comp=Z,44nm,0.7s			pmx		
WHN	comp=N,850nm,10.9s			LR	LR	
WHN	comp=E,450nm,3.7s			LR	LR	
WHN	comp=Z,2um,21.7s			LR	LR	
NJ2	Nanjing	22.21 350	eP	P	05 44 06.8	+1.8
NJ2				pmx		
FRIM	Kepti	22.50 254	↑P	P	05 44 08.8	+0.5
GVA	Guliyang	22.58 318	eP	P	05 44 08.8	-0.4
GVA				pmx		
IPM	Ipo	22.71 257	↑P	P	05 44 11.7	+1.1
IPM	Ipo	22.71 257	eP	P	05 44 10.2	-0.4
KULM	Kulim	22.87 260	↑P	P	05 44 13.6	+1.4
KULM	Kulim	22.87 260	eP	P	05 44 13.1	+0.9
LEM	Lembang	22.90 223	P	P	05 44 13.3	+0.6
CISI	Cisompet, Garu	23.31 222	P	P	05 44 18.0	+1.2
CISI	Cisompet, Garu	23.31 222	eP	P	05 44 17.6	+0.9
ENH	Enshi	23.80 329	eP	P	05 44 22.9	+1.4
MDSI	Maura Dua	23.88 233	P	P	05 44 22.6	+0.3
MDSI	Maura Dua	23.88 233	eP	P	05 44 23.9	-0.5
CGJI	Cibinong	24.10 227	P	P	05 44 23.8	-0.6
BKNI	Bangkingsang	24.11 248	P	P	05 44 32.3	+7.8
BKNI	Bangkingsang	24.11 248	eP	P	05 44 25.2	+0.7
MTN	Manton Dam	24.12 161	eP	P	05 44 23.8	-0.6
KASI	Kota Agung	24.27 231	P	P	05 44 26.4	+0.5
LWLI	Liwa	24.29 233	P	P	05 44 26.9	+0.6
KMI	Kunming	24.52 310	P	P	05 44 29.4	+0.9
KMI				pmx		
KMI	comp=Z,15nm,1.1s			pmx		
KMI	comp=Z,150nm,4.0s			LR	LR	
KMI	comp=N,310nm,17.0s			LR	LR	
KMI	comp=E,350nm,16.0s			LR	LR	
KMI	comp=Z,500nm,17.1s			LR	LR	
JCJ	Chichijima	24.61 44	LR	LR	05 52 40.9	
MASI	Manna	24.70 239	P	P	05 44 33.1	+3.2
MNAI	Manna	24.78 235	eP	P	05 44 30.6	-0.1
CM01	Chiang Mai Arr	24.90 292	eP	P	05 44 32.3	+0.6
CM31	Chiang Mai Arr	24.93 301	eP	P	05 44 30.9	-1.0
CM31	Chiang Mai Arr	24.93 292	eP	P	05 48 07.8	+0.2
CMAR	Chiang Mai Arr	24.93 292	P	P	05 44 32.1	+0.2
CMAR	1.1nm,0.4s,baz=156,slow=0.2,SNR=6.7			P	05 48 07.8	+0.2
CMAR	1.1nm,0.4s,baz=156,slow=0.2,SNR=6.7			P	05 48 07.8	+0.2
CMAR	comp=Z,299nm,18.3s,baz=134,slow=37			LR	05 54 32.3	
CHTO	Chiang Mai	25.03 293	eP	pmx	05 44 32.8	0.0
CHTO				pmx		
CHTO	comp=Z,7.0nm,0.8s			P	05 44 32.8	0.0
CHTO	Chiang Mai	25.03 293	eP	P	05 44 32.8	0.0
PSI	Prapat	25.20 255	eP	P	05 44 34.9	+0.4
PSI	comp=Z,35nm,0.8s,baz=67,slow=5.7,SNR=35			LR	05 56 13.8	
PSI	comp=Z,129nm,18.3s,baz=80,slow=41			P	05 44 35.4	+0.9
PSI	Prapat	25.20 255	eP	pmx	05 44 35.4	+0.9
PSI	comp=Z,40nm,0.8s			P	05 44 35.4	+0.9
PSI	Prapat	25.20 255	eP	P	05 44 35.4	+0.9
MNSI	Mandailing Nat	25.27 250	P	P	05 44 35.9	+0.9
LHMI	Lhok Sumawe	26.48 261	eP	P	05 44 45.3	-0.7
TIA	Tai'an	26.57 349	P	pmx	05 44 47.6	+1.0
TIA				pmx		
GSI	Gunungsitoli	26.95 253	eP	P	05 44 50.2	-0.1
XAN	Xi'an	27.19 333	P	pmx	05 44 52.2	-0.1
XAN	comp=Z,18nm,0.9s			pmx		
XAN	comp=Z,240nm,5.4s			LR	LR	
XAN	comp=Z,250nm,20.6s			LR	LR	
XAN	comp=Z,250nm,15.7s			LR	LR	
XAN	comp=Z,340nm,20.6s			LR	LR	
CD2	Chengdu	27.49 322	P	P	05 44 55.1	+0.1
CD2				sP	05 44 59.7	-1.2
CD2				P	05 48 12.4	-1.0
CD2				S	05 49 37.4	+1.7
CD2	comp=Z,20nm,0.5s			pmx		
CD2	comp=Z,210nm,5.1s			pmx		
CD2	comp=Z,480nm,19.8s			LR	LR	
CD2	comp=Z,560nm,19.2s			LR	LR	
KS15	Wonju Array Si	27.54 8	eP	P	05 44 56.5	+1.2
KSAR	Wonju Array Be	27.54 8	P	P	05 44 55.3	0.0
KSAR	Wonju Array Be	27.54 8	P	P	05 44 55.3	0.0
KSRS	Korea Array	27.56 8	P	P	05 44 55.3	-0.1
KS01	Wonju Array Si	27.57 8	eP	P	05 44 56.1	+0.5
FITZ	Fitzroy Crossi	28.13 175	eP	P	05 44 59.3	-1.4
FITZ	comp=Z,5.0nm,0.9s,baz=21,slow=7.9,SNR=7.9			P	05 44 59.3	-1.4
FITZ	comp=Z,5.0nm,0.9s,baz=21,slow=7.9,SNR=7.9			P	05 44 59.3	-1.4
BJT	Baijiatuu	30.44 349	eP	P	05 45 22.4	+1.3
BJT				pmx		
BJT	comp=Z,35nm,0.8s			pmx		
BJT	Baijiatuu	30.44 349	eP	P	05 45 22.4	+1.3
BJI	Beijing	30.46 349	P	pmx	05 45 21.8	+0.6
BJI				pmx		
COEN	Coen	31.04 140	eP	P	05 45 25.8	-0.8
MBWA	Marble Bar	31.26 186	eP	P	05 45 27.7	-0.8
LZH	Lanzhou	31.28 329	eP	P	05 45 31.1	+2.3
LZH				sP	05 45 35.1	+0.5
LZH				sP	05 45 38.1	+5.2
LZH				PP	05 46 37.0	-2.4
LZH				eS	05 50 55.2	-0.1
LZH				sS	05 50 46.0	+3.9
LZH				eS	05 52 26.0	+7.7
LZH	comp=Z,25nm,1.0s			pmx		
LZH	comp=Z,140nm,4.2s			LR	LR	
LZH	comp=Z,500nm,14.2s			LR	LR	
LZH	comp=Z,730nm,15.0s			LR	LR	

LZH	comp=Z,900nm,16.5s			LR	LR	
WRAB	Tennant Creek	31.80 160	eP	P	05 45 31.6	-1.6
WRAB	comp=Z,9.0nm,1.1s			pmx		
WRAB	Tennant Creek	31.80 160	eP	P	05 45 31.6	-1.6
WR1	Warramunga Arr	31.80 160	eP	P	05 45 31.4	-1.9
WR1	comp=Z,9.0nm,1.1s			eP	05 45 22.6	-1.8
WRA	Warramunga Arr	31.80 160	P	P	05 45 31.4	-1.9
WRA	comp=Z,1.7nm,0.5s,baz=340,slow=9.3,SNR=22			P	05 48 22.6	-1.8
WRA	comp=Z,4.0nm,0.7s,baz=340,slow=3.3,SNR=16			P	05 59 07.4	
WRA	comp=Z,93nm,21.9s,baz=325,slow=38			LR	05 59 07.4	
WB2	Warramunga Arr	31.81 160	eP	P	05 45 31.8	-1.5
HHC	Hu-hao-te	32.31 343	eP	P	05 45 38.4	+0.7
HHC	comp=Z,14nm,1.1s			pmx		
HHC	comp=Z,35nm,5.2s			pmx		
HHC	comp=Z,640nm,16.2s			LR	LR	
HHC	comp=Z,570nm,16.2s			LR	LR	
HHC	comp=Z,630nm,18.7s			LR	LR	
BRDH	Bariadhala	32.69 296	LR	LR	06 00 53.9	
SHL	Shiliang	33.44 302	eP	P	05 45 47.0	-0.9
USRK	Ussuriysk Ar	34.81 11	P	P	05 45 58.3	-0.9
MDJ	Mudanjiang	34.82 8	P	P	05 45 59.4	+0.1
MDJ				sP	05 46 02.4	-2.8
MDJ				sP	05 46 03.9	+0.4
MDJ				S	05 51 32.3	+2.6
MDJ	comp=Z,40nm,0.9s			pmx		
MDJ	comp=Z,350nm,5.4s			LR	LR	
MDJ	comp=Z,210nm,5.7s			LR	LR	
MDJ	comp=Z,170nm,7.6s			LR	LR	
MDJ	Mudanjiang	34.82 8	eP	P	05 45 58.7	-0.6
AS31	Alice Springs	35.15 163	eP	P	05 46 01.7	-0.8
AS31	comp=Z,2.0nm,0.6s,baz=197,slow=6.3,SNR=12			P	05 46 01.7	-0.8
AS31	Alice Springs	35.15 163	eP	P	05 46 01.7	-0.8
ASAR	Alice Springs	35.15 163	P	P	05 48 31.9	-1.9
ASAR	comp=Z,3.9nm,0.6s,baz=345,slow=8.8,SNR=9			P	05 48 31.9	-1.9
ASAR	comp=Z,3.9nm,0.7s,baz=337,slow=2.6,SNR=16			P	05 48 31.9	-1.9
ASO1	Alice Springs	35.17 163	eP	P	05 46 02.0	-0.6
GTA	Geotai	35.88 328	eP	P	05 46 09.7	+1.0
GTA				sP	05 46 14.2	-0.4
GTA				sP	05 46 17.6	+4.7
GTA				S	05 51 46.2	-0.2
GTA	comp=Z,9.0nm,1.3s			pmx		
GTA	comp=Z,58nm,5.7s			LR	LR	
GTA	comp=Z,220nm,15.0s			LR	LR	
GTA	comp=Z,340nm,12.4s			LR	LR	
GTA	comp=Z,420nm,17.3s			LR	LR	
CTA	Charters Tower	37.61 143	P	P	05 46 23.0	-0.5
CTA	comp=Z,2.2nm,0.7s,baz=332,slow=8.7,SNR=5.1			P	05 46 21.7	-1.8
CTA	Charters Tower	37.61 143	eP	pmx	05 46 21.7	-1.8
CTA	comp=Z,12nm,1.3s			pmx		
CTA	Charters Tower	37.61 143	eP	P	05 46 21.7	-1.8
ASAJ	Asahikawa	37.81 23	P	P	05 46 25.3	+0.4
ASAJ	comp=Z,2.4nm,0.3s,baz=219,slow=14,SNR=4.5			P	05 46 25.2	+0.4
ASAJ	Asahikawa	37.81 23	P	P	05 46 25.2	+0.4
RAMN	Ramite	38.37 301	eP	P	05 46 30.8	+0.6
JIRN	Jiri	38.95 302	eP	P	05 46 35.7	+0.5
HIA	Hailar	39.14 356	eP	pmx	05 46 36.1	0.0
HIA	comp=Z,92nm,0.9s			pmx		
HIA	Hailar	39.14 356	eP	P	05 46 36.1	0.0
HIA	comp=Z,30nm,0.9s			P	05 46 36.1	0.0
HIA	Hailar	39.14 356	eP	P	05 46 36.1	0.0
HIA	comp=Z,30nm,0.9s			P	05 46 36.1	0.0
GUN	Gumba	39.29 302	eP	P	05 46 38.3	+0.3
PKI	Pulchoki	39.57 301	eP	P	05 46 40.1	-0.3
PKIN	Kul'dur	39.59 301	eP	P	05 46 40.1	-0.3
KLR	Kul'dur	39.64 9	P	P	05 46 40.5	+0.3
KLR	comp=Z,1.0nm,1.0s,baz=207,slow=6.3,SNR=23			P	05 46 40.1	-0.1
KLR	Kul'dur	39.64 9	↑P	P	05 46 41.1	-0.1
KRN	Kakani	39.75 302	eP	P	05 46 41.6	-0.1
DMN	Daman	39.84 301	eP	P	05 46 42.4	-0.1
ULN	Ulaanbaatar	40.03 343	eP	P	05 46 44.6	+0.9
ULN				pmx		
ULN	Ulaanbaatar	40.03 343	eP	P	05 46 43.5	-0.1
ULN	comp=Z,21nm,1.0s			P	05 46 45.4	+0.4
SONAO	Songino Array	40.20 342	eP	P	05 46 48.3	-0.8
SONAO	comp=Z,8.7nm,1.0s,baz=165,slow=7.9,SNR=36			P	05 46 45.4	+0.4
SONM	Songino Array	40.20 342	eP	P	05 46 48.3	-0.8
SONM	comp=Z,0.9nm,0.4s,baz=129,slow=2.0,SNR=4.2			P	05 46 45.8	+0.7
SONAI	Songino Array	40.20 342	eP	P	05 46 45.8	+0.7
YSS	Yuzh-Sakhalins	40.29 211	eP	pmx	05 46 44.2	-1.4
YSS	comp=Z,10.0nm,1.0s			pmx		
FORT	Forrest	40.91 174	eP	P	05 46 50.0	-0.9
FORT	comp=Z,328nm,0.6s			P	05 46 53.5	+0.1
KOLN	Koldani	41.16 301	eP	P	05 46 50.6	
HNR	Honiara	41.38 117	LR	LR	06 02 50.6	
PYUN	Pluthan	41.77 301				

Table of astronomical observations for 11d 7h, listing station names, codes, and various parameters like RA, Dec, and SNR.

Table of astronomical observations for 2012 FEB, listing station names, codes, and various parameters like RA, Dec, and SNR.

Table of astronomical observations for 624, listing station names, codes, and various parameters like RA, Dec, and SNR.

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like SAUI Saumlaki, CTBH Cotabato-PC H, MMR1 Maumere, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like QIZ comp=Z,2.1um,17.2s, QIZ comp=Z,1.1um,21.6s, QIZ comp=Z,2.0um,20.0s, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like KMI comp=Z,2.22nm,0.8s, KMI comp=Z,360nm,9.1s, KMI comp=Z,1.1um,21.6s, etc.

MKAR		eS	S	07 25 25.5 +1.3	
MKAR	Makanchi Array	61.52 327	P	07 17 04.4 -0.1	
MKAR		ScP	P	07 21 45.1 -0.8	
MKAR		eS	P	07 25 25.5 +1.3	
MKAR		P	P	07 46 17.5	
KSH	Kashi	61.52 317	P	07 17 06.9 +1.6	
KSH		pP	P	07 17 10.0 -3.8	
KSH		sP	P	07 17 14.6 -2.7	
KSH		PcP	P	07 17 48.9 +2.5	
KSH		ScP	P	07 21 48.4 +2.2	
KSH		S	P	07 25 24.0 -0.7	
KSH		sS	P	07 25 39.7 0.0	
KSH	comp=Z,19nm,1.0s		pmax	pmax	
KSH	comp=Z,500nm,5.3s		LR	LR	
KSH	comp=Z,260nm,9.8s		LR	LR	
KSH	comp=Z,380nm,13.3s		LR	LR	
KSH	comp=Z,700nm,17.9s		LR	LR	
SATY	Saty	61.69 321	iP	P	07 17 04.5 -1.3
SATY		iS	S	07 25 25.8 -1.0	
MAKZ	Makanchi	61.70 327	iP	P	07 17 05.1 -0.5
MAKZ		pmax	pmax		
MAKZ	comp=Z,48nm,1.4s				
MAKZ	Makanchi	61.70 327	eP	P	07 17 05.5 -0.2
ZHN	Zhinishke	61.73 322	iP	P	07 17 04.9 -1.2
AFI	Afiamaluu	61.97 105	LR	LR	07 43 13.4
MDOK	Medeo	62.60 321	iP	P	07 17 10.7 -1.2
MDOK		eS	S	07 25 37.5 -0.8	
TDK	Taldygorghan	62.73 323	iP	P	07 17 11.5 -1.0
YAK	Yakutsk	62.87	1d iP	P	07 25 38.9 -0.6
YAK		ePP	P	07 17 26.6 +1.0	
YAK		e	P	07 17 54.1	
YAK		e	P	07 19 28.4	
YAK		ePPP	PPP	07 21 02.7	
YAK		eSS	SS	07 25 38.0 -2.5	
YAK		eSS	SS	07 26 59.9	
YAK		eSS	SS	07 29 39.7 -6.4	
YAK	comp=Z,215nm,0.8s		pmax	pmax	
YAK	comp=N,39nm,1.0s		pmax	pmax	
YAK	comp=E,15nm,0.9s		pmax	pmax	
YAK	comp=Z,169nm,3.0s		pmax	pmax	
YAK	comp=N,103nm,3.0s		pmax	pmax	
YAK	comp=E,110nm,4.3s		pmax	pmax	
YAK	comp=N,319nm,2.8s		smax	smax	
YAK	comp=E,198nm,2.0s		smax	smax	
YAK	Yakutsk	62.87	1d iP	P	07 17 13.8 +0.8
MA2	Magadan	63.20	13d iP	P	07 17 15.8 +0.5
KZA	Kyzart	63.22 319	P	P	07 17 17.9 +1.6
TKM2	Tokmak 2	63.40 320	iP	P	07 17 17.2 -0.1
TKM2		pmax	pmax		
TKM2	comp=Z,40nm,1.4s				
TKM2	Tokmak 2	63.40 320	P	P	07 17 17.5 +0.2
KUU	Kury	63.41 321	iP	P	07 17 15.6 -1.5
KUU	Sufi-Kurgan	63.44 316	iP	P	07 25 46.9 -1.2
SFK		iS	S	07 17 17.7 0.0	
SFK	comp=Z,41nm,1.0s		pmax	pmax	
BMNS	Besmoynak	63.45 320	iP	P	07 17 16.1 -1.5
KBK	Karagaybulak	63.69 320	P	P	07 17 20.1 +0.9
UCH	Uchtor	63.77 319	P	P	07 17 21.4 +1.3
AAK	Ala-Archa	63.98 319	iP	P	07 17 21.1 +0.1
AAK		pmax	pmax		
AAK	comp=Z,48nm,1.2s				
AAK	Ala-Archa	63.98 319	P	P	07 17 21.9 +0.9
AAK		SNR=14			
AAK	Ala-Archa	63.98 319	eP	LR	07 17 21.8 +0.8
AAK		SNR=14			
AAK	comp=Z,896nm,20.0s				
AAK	Ala-Archa	63.98 319	P	P	07 17 21.5 +0.4
AAK		SNR=21			
AAK	Ala-Archa	63.98 319	P	P	07 17 21.5 +0.4
AAK		SNR=21			
CHMS	Chumysh	63.98 320	P	P	07 17 20.8 -0.1
FRU	Bishkek	63.99 320	eP	P	07 17 20.0 -1.0
FRU		eS	S	07 17 50.0	
FRU		eS	S	07 25 56.0 +0.6	
FRU		pmax	pmax		
AML	Almayashu	64.27 319	P	P	07 17 24.0 +0.7
USP	Ospenovka	64.27 320	P	P	07 17 23.5 +0.7
EKS2	Erkin-Say	64.46 319	P	P	07 17 24.9 +0.7
KBL	Kabul	64.56 309	eP	P	07 17 25.1 0.0
KBL	Kabul	64.56 309	eP	P	07 17 25.1 0.0
SEM	Semipalatinsk	64.77 329	iP	P	07 17 23.6 -2.6
ZAA0	Zalesovo Array	64.84 334	eP	P	07 17 25.3 -0.9
ZALV	Zalesovo Beam	64.84 334	P	P	07 17 25.7 -0.6
ZALV	comp=Z,8.1nm,0.6s,baz=142,slow=3.5,SNR=15				
ZALV	comp=Z,0.7nm,0.5s,baz=128,slow=1.2,SNR=37				
ZALV	comp=Z,0.8nm,0.5s,baz=262,slow=1.0,SNR=4.1				
ZALV	Zalesovo Beam	64.84 334	eP	P	07 17 26.6 +0.3
ZALV		eP	P	07 26 06.8 +1.4	
ZALV	Zalesovo Beam	64.84 334	eP	P	07 17 26.6 +0.3
ZALV		S	P	07 26 06.8 +1.4	
ZALV		S	P	07 26 06.8 +1.4	
ZALV		S	P	07 26 06.8 +1.4	
ZAA1	Zalesovo Array	64.85 334	eP	P	07 17 25.7 -0.6
ZAA1		eS	S	07 26 06.8 +1.3	
ZAA1		1e	P	07 46 14.1	
JOHN	Johnston Islan	65.06 71	PFAKE	LR	07 17 40.0 +1.2
JOHN		LR	LR		
MNAS	Manas	65.22 319	iP	P	07 17 29.2 +0.1
MNAS		pmax	pmax		
KURBB	Kurchatov Arra	65.79 329	P	P	07 17 32.0 -0.4
KURBB		PKPKPK	P	P	07 46 07.7 -2.4
KURK	Kurchatov	65.80 329	P	P	07 17 32.0 -0.5
KURK		pmax	pmax		
KURK	comp=Z,16nm,0.6s				
KURK	Kurchatov	65.80 329	eP	P	07 17 32.0 -0.5
KURK		eS	S	07 26 16.7 -0.5	
KURK		LR	LR		
KURK	comp=Z,1um,19.0s				
KURK	Kurchatov	65.80 329	P	P	07 17 32.3 -0.2
KURK		SNR=37			
KURK		P	P	07 17 32.3 -0.2	
KURK	Kurchatov	65.80 329	P	P	07 17 32.3 -0.2
KURK		SNR=37			
NVS	Novosibirsk	66.13 334	eP	P	07 17 33.7 -0.8
NVS		eS	S	07 26 16.9 -4.2	
NVS		e	P	07 27 21.6	
NVS	comp=Z,47nm,1.6s		pmax	pmax	
NVS	comp=N,24nm,1.3s		pmax	pmax	
NVS	comp=E,28nm,1.3s		smax	smax	
NVS	comp=N,91nm,2.4s				

NVS	comp=E,118nm,2.5s				
CASY	Casey	66.21 187	eP	P	07 17 34.9 0.0
CASY		LR	LR		
CASY	comp=Z,415nm,20.0s				
SEY	Seymchan	66.55 121	eP	P	07 17 36.8 -0.3
IUG	Iuzhnay	66.73 317	iP	P	07 17 37.5 -1.3
KK31	Kararay Array	66.80 318	iP	P	07 17 38.8 -0.4
KK31		pmax	pmax		
KKAR	Kararay Array	66.80 318	eP	P	07 17 38.2 -1.0
KKAR		eP	P	07 17 38.2 -1.0	
BRLS	Borolday	67.22 318	iP	P	07 17 40.8 -1.1
BRLS	comp=Z,19nm,1.3s				
BRLS		iS	S	07 26 33.9 -1.0	
PAF	Port-aux-Franc	68.18 216	PFAKE	LR	07 18 00.0 +1.2
PAF		LR	LR		
WSAR	Wadi Serin	70.50 295	P	P	07 18 02.2 -0.4
WSAR	comp=Z,1um,20.0s				
WSAR	comp=Z,45nm,1.0s,baz=139,slow=5.9,SNR=22				
BIDO	Bidbid	71.00 295	P	P	07 18 06.0 +0.3
BIDO		LR	LR		
BIDO	Bidbid	71.00 295	P	P	07 18 06.0 +0.3
BIDO		SNR=20			
BVA0	Borovoye Array	71.35 328	P	P	07 18 06.0 -1.1
BVA0		pmax	pmax		
MSEY	Mahe Island	71.41 265	PFAKE	LR	07 18 20.0 +1.2
MSEY		LR	LR		
BRVK	Borovoye	71.42 328	d iP	P	07 18 06.7 -0.8
BRVK		pmax	pmax		
BRVK	comp=Z,115nm,1.7s				
BRVK	Borovoye	71.42 328	eP	P	07 18 06.8 -0.8
BRVK		eS	S	07 27 25.0 +1.0	
BRVK		LR	LR		
BRVK	comp=Z,445nm,19.0s				
BRVK	Borovoye	71.42 328	P	P	07 18 07.3 -0.3
BRVK		SNR=16			
BRVK	Borovoye	71.42 328	P	P	07 18 07.3 -0.3
BRVK		SNR=16			
HOQ	Hoqain	71.75 295	P	P	07 18 16.1 +5.9
HOQ		SNR=6			
ARQ	Araqi	72.43 295	P	P	07 18 19.0 +4.7
ARQ		SNR=14			
TIXI	Tiksi	72.51	1 LR	LR	07 53 21.0
TIXI		LR	LR		
TIXI	Tiksi	72.51	1 d iP	P	07 18 12.3 -1.4
TIXI		pmax	pmax		
TIXI	comp=Z,51nm,0.8s				
TIXI	Tiksi	72.51	1 eP	P	07 18 12.9 -0.8
SHAO	Shalim	72.53 289	P	P	07 18 17.7 +2.7
SHAO		SNR=6			
SHAO	Shalim	72.53 289	iP	P	07 18 15.0 0.0
SHAO		SNR=13			
SOHO	SOHO	72.54 296	iP	P	07 18 15.0 +0.1
SOHO		SNR=19			
SOHO		iP	P	07 18 15.0 +0.1	
SOHO		SNR=15			
UOSS	Minazif	72.97 296	eP	P	07 18 17.1 -0.3
UOSS		SNR=20			
UOSS	Minazif	72.97 296	P	P	07 18 18.0 +0.6
HATD	Hatta, Dubai	73.01 296	P	P	07 18 19.0 +1.3
HATD		SNR=16			
HATD	Hatta, Dubai	73.01 296	P	P	07 18 19.0 +1.3
HATD		SNR=16			
HATD	Hatta, Dubai	73.01 296	iP	P	07 18 19.0 +1.3
HATD		SNR=19			
BANOM	Banah	73.04 297	iP	P	07 18 18.4 +0.5
BANOM		SNR=5.5			
ASHO	Ashiyah	73.06 296	P	P	07 18 18.7 +0.7
ASHO		SNR=21			
ASHO	Ashiyah	73.06 296	P	P	07 18 18.7 +0.7
ASHO		SNR=21			
ASHO	Ashiyah	73.06 296	iP	P	07 18 18.1 +0.1
ASHO		SNR=20			
MSFE	Esmā-Masafi	73.07 297	iP	P	07 18 18.7 +0.6
SHME	Shamm	73.20 297	iP	P	07 18 19.0 +0.2
SHME		SNR=5			
ALNE	Al Ain	73.23 295	iP	P	07 18 19.6 +0.5
ALNE		SNR=19			
NAZ	Nazwa, Dubai	73.46 296	P	P	07 18 21.0 +0.7
NAZ		SNR=18			
NAZ	Nazwa, Dubai	73.46 296	P	P	07 18 21.0 +0.7
NAZ		SNR=18			
NAZ	Nazwa, Dubai	73.46 296	P	P	07 18 20.2 -0.1
NAZ		SNR=7.9			
GEYT	Allbeck	73.99 310	P	P	07 18 23.0 -0.2
GEYT		comp=Z,18nm,0.9s,baz=210,slow=1.2,SNR=19			
AJN	Ajan	74.00 296	iP	P	07 18 23.3 -0.2
AJN		SNR=9.2			
WHFO	Wadi Hawf	74.27 289	P	P	07 18 27.0 +1.7
WHFO		SNR=5.6			
WHFO	Wadi Hawf	74.27 289	P	P	07 18 27.0 +1.7
WHFO		SNR=5.6			
ABTO	Aybut	74.66 288	P	P	07 18 29.0 +1.4
ABTO		SNR=8			
ABTO	Aybut	74.66 288	P	P	07 18 29.0 +1.4
ABTO		SNR=8			
NRKI	Noril'sk	75.01 347	LR	LR	07 57 39.7
NRKI		comp=Z,243nm,18.2s,baz=242,slow=11			
ABKAR	Akboul array	75.90 322	eP	P	07 18 33.5 -0.4
UNV	Unalaska Valle	77.18 34	eP	P	07 18 41.5 +0.5
AKTO	Aktubinsk	77.44 322	P	P	07 18 42.0 -0.7
AKTO		comp=Z,2.1nm,1.0s,baz=105,slow=7.0,SNR=25			
AKTO		S	P	07 28 28.9 -2.6	
AKTO	Aktubinsk	77.44 322	iP	P	07 18 41.5 -1.2
AKTO		pmax	pmax		
AKUT	Akutan	77.69 34	eP	P	07 18 44.5 +0.7
SVE	Sverdlovsk	78.04 329	iP	P	07 18 45.1 -0.7
SVE		pmax	pmax		
POHA	Pohakuioa	78.63 70	PFAKE	LR	07 19 00.0 +1.0
POHA		LR	LR		
MLH	Mauna Loa	78.74 70	eP	P	07 18 51.5 +0.7
MLH		LR	LR		
MLH	Mauna Loa	78.74 70	eP	P	07 18 51.5 +0.7
MLH		LR	LR		
VNDA	Vanda	78.78 173	P	P	07 18 48.7 -0.8
VNDA		comp=Z,5.9nm,0.8s,baz=311,slow=5.8,SNR=15			
VNDA		LR	LR	07 53 13.5	
VNDA	Vanda	78.78 173	eP	P	07 18 49.5 -0.1
VNDA		SNR=15			
VNDA	Vanda	78.78 173	eP	P	07 18 49.5 -1.5
VNDA		SNR=15			
ARU	Arti	78.99 328	d iP	P	07 18 49.4 -1.7
ARU		LR	LR	07 18 58.6	
ARU					

ANTO	comp=Z,316nm,22.0s	LR	LR						
BR231	Keeskin MP Arra	93.79 310	eP	P	07 20 02.8	-2.1			
INAK	Inuvik	94.44 22	eP	P	07 20 05.8	-1.2			
INK	Inuvik	94.44 22	eP	P	07 20 05.9	-1.2			
SKAG	Skagway	94.78 31	eP	P	07 20 09.0	+0.2			
WHY	Whitehorse	94.87 29	eP	P	07 20 09.8	+0.5			
ARA0	ARCESS Array S	94.89 340	eP	P	07 20 08.0	-1.1			
ARCES	ARCESS Array B	94.89 340	eP	P	07 20 08.0	-1.1			
	comp=Z,4.4nm,0.7s,baz=85,slow=5.9,SNR=16								
ARCES	ARCESS Array B	94.89 340	eP	P	07 20 08.0	-1.1			
	comp=Z,4.73nm,20.3s,baz=72,slow=38								
ARCES	ARCESS Array B	94.89 340	eP	P	07 20 08.0	-1.1			
	comp=Z,4.0nm,0.7s								
SPA0	Spitsbergen Ar	95.09 349	eP	P	07 20 09.0	-0.9			
SPITS	Spitsbergen Ar	95.09 349	eP	P	07 20 09.0	-0.9			
	comp=Z,1.6nm,0.9s,baz=58,slow=5.0,SNR=7.6								
SPITS	Spitsbergen Ar	95.09 349	eP	P	07 20 09.0	-0.9			
	comp=Z,4.44nm,21.8s,baz=175,slow=38								
AKASG	Malin Array Be	95.62 321	eP	P	07 20 11.2	-1.6			
	comp=Z,0.3nm,0.4s,baz=74,slow=4.9,SNR=4.4								
AKASG	Malin Array Si	95.62 321	eP	P	07 20 11.3	-1.5			
	comp=Z,0.6nm,0.6s,baz=76,slow=7.9,SNR=4.7								
AKASG	Malin Array Si	95.62 321	eP	P	07 20 11.3	-1.5			
	comp=Z,0.6nm,0.6s,baz=76,slow=7.9,SNR=4.7								
AKBB	Malin Array Si	95.62 321	eP	P	07 20 11.3	-1.5			
	comp=Z,0.6nm,0.6s,baz=76,slow=7.9,SNR=4.7								
AKBB	Malin Array Si	95.62 321	eP	P	07 20 11.2	-1.5			
	comp=Z,0.6nm,0.6s,baz=76,slow=7.9,SNR=4.7								
AKBB	Malin Array Si	95.62 321	eP	P	07 20 09.8	+0.6			
	comp=Z,1.6nm,0.7s,baz=102,slow=4.5,SNR=4.9								
AKBB	Malin Array Si	95.62 321	eP	P	07 20 11.2	-1.5			
	comp=Z,0.6nm,0.6s,baz=76,slow=7.9,SNR=4.7								
KBS	Kingsbay	95.63 350	PFAKE	LR	07 20 20.0	+7.7			
	comp=Z,869nm,21.0s								
KIEV	Kiev	95.63 321	PFAKE	LR	07 20 20.0	+7.1			
	comp=Z,811nm,21.0s								
ISP	Isparta	95.64 308	PFAKE	LR	07 20 20.0	+6.6			
	comp=Z,431nm,21.0s								
FIA0	FINESS Array S	96.03 332	eP	P	07 20 12.3	-2.1			
FIA0	FINESS Array S	96.03 332	eP	P	07 20 12.3	-2.1			
	comp=Z,1.8nm,0.6s,baz=76,slow=7.9,SNR=4.7								
FINES	FINESS Array B	96.03 332	eP	P	07 20 12.3	-2.1			
	comp=Z,1.6nm,0.7s,baz=102,slow=4.5,SNR=4.9								
FINES	FINESS Array B	96.03 332	eP	P	07 20 12.3	-2.1			
	comp=Z,1.6nm,0.7s,baz=102,slow=4.5,SNR=4.9								
MBAR	Mbarara	96.16 269	PFAKE	LR	07 20 30.0	+1.4			
	comp=Z,2.70nm,20.6s,baz=82,slow=37								
MBAR	Mbarara	96.16 269	PFAKE	LR	07 20 30.0	+1.4			
	comp=Z,2.70nm,20.6s,baz=82,slow=37								
MATP	Matopo	97.54 249	P	P	07 20 21.6	-0.8			
	comp=Z,1.2nm,0.8s,baz=91,slow=4.7,SNR=16								
MATP	Matopo	97.54 249	P	P	07 20 21.6	-0.8			
	comp=Z,1.2nm,0.8s,baz=91,slow=4.7,SNR=16								
LSZ	Lusaka	98.16 255	eP	P	07 20 23.6	-1.7			
	comp=Z,525nm,19.2s,baz=204,slow=16								
LSZ	Lusaka	98.16 255	eP	P	07 20 23.6	-1.7			
	comp=Z,525nm,19.2s,baz=204,slow=16								
LSZ	Lusaka	98.16 255	eP	P	07 20 23.6	-1.7			
	comp=Z,1.1nm,22.0s								
LSZ	Lusaka	98.16 255	eP	P	07 20 23.6	-1.7			
	comp=Z,1.1nm,22.0s								
LSZ	Lusaka	98.16 255	eP	P	07 20 25.1	-0.1			
	SNR=5.3								
LSZ	Lusaka	98.16 255	eP	P	07 20 25.1	-0.1			
	SNR=5.3								
MLR	Muntele Rosu	98.38 316	P	P	07 20 24.7	-0.9			
	comp=Z,0.7nm,0.6s,baz=152,slow=7.1,SNR=4.2								
MLR	Muntele Rosu	98.38 316	P	P	07 20 24.7	-0.9			
	comp=Z,0.7nm,0.6s,baz=152,slow=7.1,SNR=4.2								
BUR04	Bucovina Ar. S	98.59 318	eP	P	07 20 26.2	-0.2			
BUR08	Bucovina Ar. S	98.60 318	eP	P	07 20 26.5	0.0			
BOSA	Bosof	99.76 241	P	Pdf	07 20 31.2	-0.9			
	comp=Z,7.8nm,1.1s,baz=173,slow=10.0,SNR=3.6								
BOSA	Bosof	99.76 241	P	Pdf	07 20 31.2	-0.9			
	comp=Z,7.8nm,1.1s,baz=173,slow=10.0,SNR=3.6								
SANT	Santorini	99.79 307	PFAKE	LR	07 20 40.0	+8.0			
	comp=Z,418nm,21.3s,baz=96,slow=33								
SANT	Santorini	99.79 307	PFAKE	LR	07 20 40.0	+8.0			
	comp=Z,418nm,21.3s,baz=96,slow=33								
PSZ	Piszkesteto	102.07 319	PFAKE	LR	07 20 50.0	+8.0			
	comp=Z,298nm,21.0s								
HFS	Hagfors	102.22 332	P	Pdf	07 20 41.3	-0.9			
	comp=Z,4.76nm,19.0s								
HFS	Hagfors	102.22 332	P	Pdf	07 20 41.3	-0.9			
	comp=Z,4.76nm,19.0s								
HFS	Hagfors	102.22 332	P	Pdf	07 20 41.3	-0.9			
	comp=Z,3.4nm,1.0s,baz=204,slow=16								
NB200	NORSAR Array S	103.04 333	eP	Pdf	07 20 44.1	-1.8			
	comp=Z,2.5nm,0.9s,baz=40,slow=7.3,SNR=6.1								
NOA	NORSAR Array B	103.04 333	eP	Pdf	07 20 44.1	-1.8			
	comp=Z,2.5nm,0.9s,baz=40,slow=7.3,SNR=6.1								
NOA	NORSAR Array B	103.04 333	eP	Pdf	07 20 44.1	-1.8			
	comp=Z,1.4nm,0.7s,baz=69,slow=4.7,SNR=3.3								
NOA	NORSAR Array B	103.04 333	eP	Pdf	07 20 44.1	-1.8			
	comp=Z,1.4nm,0.7s,baz=69,slow=4.7,SNR=3.3								
NOA	NORSAR Array B	103.04 333	eP	Pdf	07 20 44.1	-1.8			
	comp=Z,1.4nm,0.7s,baz=69,slow=4.7,SNR=3.3								
NOA	NORSAR Array B	103.04 333	eP	Pdf	07 20 44.1	-1.8			
	comp=Z,1.4nm,0.7s,baz=69,slow=4.7,SNR=3.3								
NOA	NORSAR Array B	103.04 333	eP	Pdf	07 20 44.1	-1.8			
	comp=Z,1.4nm,0.7s,baz=69,slow=4.7,SNR=3.3								
NOA	NORSAR Array B	103.04 333	eP	Pdf	07 20 44.1	-1.8			
	comp=Z,1.4nm,0.7s,baz=69,slow=4.7,SNR=3.3								
NLWA	Neilton Lookou	103.65 41	PFAKE	LR	07 21 00.0	+1.1			
	comp=Z,1.0nm,0.7s								
NLWA	Neilton Lookou	103.65 41	PFAKE	LR	07 21 00.0	+1.1			
	comp=Z,1.0nm,0.7s								
YKA	Yellowknife Ar	103.67 25	Pdf	Pdf	07 20 46.9	-1.6			
	comp=Z,2.0nm,0.5s,baz=293,slow=4.3,SNR=11								
YKA	Yellowknife Ar	103.67 25	Pdf	Pdf	07 20 46.9	-1.6			
	comp=Z,2.0nm,0.5s,baz=293,slow=4.3,SNR=11								
YKA	Yellowknife Ar	103.67 25	Pdf	Pdf	07 20 46.9	-1.6			
	comp=Z,2.0nm,0.5s,baz=293,slow=4.3,SNR=11								
YKA	Yellowknife Ar	103.67 25	Pdf	Pdf	07 20 46.9	-1.6			
	comp=Z,2.0nm,0.5s,baz=293,slow=4.3,SNR=11								
YKA	Yellowknife Ar	103.67 25	Pdf	Pdf	07 20 46.9	-1.6			
	comp=Z,2.0nm,0.5s,baz=293,slow=4.3,SNR=11								
YKA	Yellowknife Ar	103.67 25	Pdf	Pdf	07 20 46.9	-1.6			
	comp=Z,2.0nm,0.5s,baz=293,slow=4.3,SNR=11								
YKB5	Yellowknife Ar	103.67 25	eP	P	07 20 46.9	-1.6			
	comp=Z,2.0nm,0.5s,baz=293,slow=4.3,SNR=11								
YKB5	Yellowknife Ar	103.67 25	eP	P	07 20 46.9	-1.6			
	comp=Z,2.0nm,0.5s,baz=293,slow=4.3,SNR=11								
DPC	Dobruca-Palom	104.77 322	eP	P	07 20 46.9	-1.6			
	comp=Z,2.0nm,0.5s,baz=293,slow=4.3,SNR=11								
DPC	Dobruca-Palom	104.77 322	eP	P	07 20 46.9	-1.6			
	comp=Z,2.0nm,0.5s,baz=293,slow=4.3,SNR=11								
PVCC	Panska Ves	104.80 322	AMS	AMS	08 16 30.0				
	comp=Z,800nm,20.4s								
PRU	Pruhonice	104.97 322	AMS	AMS	08 16 50.0				
	comp=Z,600nm,18.5s								
CLL	Collim	105.51 323	eP	Pdf	07 20 56.0	-1.0			
	comp=Z,2.0nm,0.5s,baz=293,slow=4.3,SNR=11								
CLL	Collim	105.51 323	eP	Pdf	07 20 56.0	-1.0			
	comp=Z,2.0nm,0.5s,baz=293,slow=4.3,SNR=11								
CLL	Collim	105.51 323	eP	Pdf	07 20 56.0	-1.0			
	comp=Z,2.0nm,0.5s,baz=293,slow=4.3,SNR=11								
CLL	Collim	105.51 323	eP	Pdf	07 20 56.0	-1.0			
	comp=Z,2.0nm,0.5s,baz=293,slow=4.3,SNR=11								
CLL	Collim	105.51 323	eP	Pdf	07 20 56.0	-1.0			
	comp=Z,2.0nm,0.5s,baz=293,slow=4.3,SNR=11								
CLL	Collim	105.51 323	eP	Pdf	07 20 56.0	-1.0			
	comp=Z,2.0nm,0.5s,baz=293,slow=4.3,SNR=11								
CLL	Collim	105.51 323	eP	Pdf	07 20 56.0	-1.0			
	comp=Z,2.0nm,0.5s,baz=293,slow=4.3,SNR=11								
CLL	Collim	105.51 323	eP	Pdf	07 20 56.0	-1.0			
	comp=Z,2.0nm,0.5s,baz=293,slow=4.3,SNR=11								
CLL	Collim	105.51 323	eP	Pdf	07 20 56.0	-1.0			
	comp=Z,2.0nm,0.5s,baz=293,slow=4.3,SNR=11								
CLL	Collim	105.51 323	eP	Pdf	07 20 56.0	-1.0			
	comp=Z,2.0nm,0.5s,baz=293,slow=4.3,SNR=11								
CLL	Collim	105.51 323	eP	Pdf	07 20 56.0	-1.0			
	comp=Z,2.0nm,0.5s,baz=293,slow=4.3,SNR=11								
CLL	Collim	105.51 323	eP	Pdf	07 20 56.0	-1.0			
	comp=Z,2.0nm,0.5s,baz=293,slow=4.3,SNR=11								
CLL	Collim	105.51 323	eP	Pdf	07 20 56.0	-1.0			
	comp=Z,2.0nm,0.5s,baz=293,slow=4.3,SNR=11								
CLL	Collim	105.51 323	eP	Pdf	07 20 56.0	-1.0			
	comp=Z,2.0nm,0.5s,baz=293,slow=4.3,SNR=11								
CLL</									

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other details. Includes stations like OTAV, SDDR, SPB, SOTA, etc.

MEX 11 07:10:57.2,0.15,98N-97.71W,h17km,11km,MD3.5, Near coast of Oaxaca

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like PNIC, VHO, HUIG, etc.

MAN 11 07:14:53.9,94N:123.22E,h29km,mb3.9,ML2.7,MS2.2, 1D,Negros

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like TBP, LLL, GUIM, etc.

NEIC 11 07:19:03.5,0.0,12.44N:60.22W,h5km,mb4.6/66, MD4.4(TRN),After TRN

NEIC Feit at Bridgetown and Oistins. IDC 11 07:19:03.4,0.6,12.54N:60.18W,h0km,mb4.3/16, mb1.4,5/20,mb1mx3.2/60,mbmp4.3/20,ML2.2,MS3.6/4, mb1.3/6.4,ms1mx3.2/56,Error ellipse: s-maj=16.4km s-min=13.7km az=111.0

ISCJBJ 11 07:19:06.2,0.9,12.43N:0.02-60.13W,0.0,3,h32km,6km, mb4.6/78,Error ellipse: s-maj=5.7km s-min=3.0km az=9.2 TRN 11 07:19:06.2,12.43N:60.08W,h56km,MD4.4

ISC 11 07:19:07.8,1.1,12.43N:0.03-60.18W,0.04,h30km,57km, n229,1921/246,mb4.5/78,4C-1D, Windward Islands

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like BBGH, TOSF, SSV, etc.

Main table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other details. Includes stations like DLPL, MDLN, MDN, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other details. Includes stations like ISCO, S22A, H10N3, etc.

IDC 11 07:22:22.0,0.1,17S:126.47E,h0km,mb4.0/9, mb1.4/11,mb1mx3.8/56,mbtp4.0/11,ML3.7/2,Error ellipse: s-maj=33.1km s-min=15.5km az=74.0 ISCJBJ 11 07:22:26.0,0.4,0.97S:0.04-126.84E,0.03,h34km, mb4.0/8,Error ellipse: s-maj=6.4km s-min=4.9km az=177.6 DJA 11 07:22:28.0,0.1,17S:127.7E,h22km,9km,M4.4/6, mb4.5/1,MLV4.3/6 ISC 11 07:22:27.0,0.6,0.99S:0.05-126.89E,0.04,h34km,n21, 12:22:25,mb3.9/8, Southern Molucca Sea

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like LBMI, SANI, etc.

IDC 11 08:37:28.5±2.0, 1.80S, 129.07E, h0km, mb3.4/3, mb1 3.4/4, mb1mx3.2/59, mbtmp3.3/4, ML3.1/1, MS4.2/1, Ms1 4.2/1, ms1mx2.8/26, Error ellipse: s-maj=158.3km s-min=23.4km az=69.0

DJA 11 08:37:32.8±0.4, 3.3S, 121.7E, h10km, M3.5/4, MLv3.5/4

ISCJB 11 08:37:34.2±0.7, 2.71S, 0.05E, 126.94E, 0.08, h33km, mb3.5/3, MS4.2/1, Error ellipse: s-maj=12.0km s-min=6.1km az=160.8

ISC 11 08:37:35.1±0.1, 2.72S, 0.06E, 126.93E, 0.09, h35km, n8, r0586/10, mb3.8/3, Ceram Sea

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
NLAI	Namlea	0.55	162	P	Op	08 37 46.1	-0.7
NLAI				S	ISC	08 37 54.3	-0.4
SANI	Sanana	1.15	305	P	S	08 37 54.3	-0.6
SANI				S	ISC	08 38 08.8	-0.8
LBMI	Labuha	2.14	16	P	S	08 38 08.0	-0.8
LBMI				S	ISC	08 38 34.0	-0.2
WRA	Warramunga Arr	18.59	158	P	P	08 41 49.3	-0.5
ASAR	Alice Springs	21.89	163	P	P	08 42 26.6	+0.9
URZ	Urewera	57.82	134	LR	LR	09 12 46.2	
MKAR	Makanchi Array	62.99	327	P	P	08 47 59.9	+1.0
KURBB	Kurchatov Arr	67.28	329	P	P	08 48 27.4	+0.9

SJA 11 08:41:11.7±0.3, 36.74S, 72.95W, h85km, 3km, ML3.7, MW4.3

ISCJB 11 08:41:13.4±0.8, 36.83S, 0.03, 73.1W, 0.1, h41km, 9km, mb4.3/9, Error ellipse: s-maj=13.9km s-min=5.2km az=2.5

GUC 11 08:41:14.3±0.5, 36.83S, 72.98W, h44km, 2km, ML4.0

NEIC 11 08:41:14.0±0.0, 36.85S, 72.86W, h40km, mb4.0/5, ML4.0(GUC), After GUC.

NEIC Felt [V] at Chiguayante, Cobquecura, Concepcion, Penco, Talcahuano and Tome.

IDC 11 08:41:14.3±1.1, 36.78S, 72.83W, h28km, 5km, mb3.5/6, mb1 3.7/8, mb1mx3.6/33, mbtmp3.7/8, ML3.7/2, Error ellipse: s-maj=28.7km s-min=2.4km az=82.0

ISC 11 08:41:13.9±0.8, 36.83S, 0.04, 73.07W, 0.07, h31km, 5km, n36, r0590/44, mb4.1/10, 2C-2D, Near coast of central Chile

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
COCH	Cobquecura	0.73	18	P	Op	08 41 27.5	-0.6
COCH	Cobquecura	0.73	18	P	ISC	08 41 27.5	-0.6
COCH				S	ISC	08 41 37.9	-0.1
COCH				IAML		08 41 41.7	
CCHI	Chillan	0.83	74	P	P	08 41 28.9	-0.5
CCHI				S	ISC	08 41 41.3	+0.7
CCHI	Chillan	0.83	74	P	P	08 41 29.1	-0.3
CCHI				S	ISC	08 41 39.5	-1.0
CCHI				IAML		08 41 45.1	
LNCH	Linares	1.54	51	P	P	08 41 38.8	-0.3
CANA	Caviahue	1.92	124	P	P	08 41 44.0	-0.5
CANA				IAML		08 41 55.4	
TMU	Temuco	1.94	169	P	P	08 41 45.0	+0.4
TMU				S	ISC	08 42 07.3	-0.6
TMU				IAML		08 42 15.4	
GO05	Hualae0	2.04	27	P	P	08 41 46.1	0.0
GO05	Hualae0	2.04	27	P	P	08 41 44.0	-2.1
GO05	Hualae0	2.04	27	P	P	08 41 46.0	0.0
GO05				S	ISC	08 42 09.8	-0.6
GO05				IAML		08 42 26.2	
GO06	Curarehue	3.02	156	P	P	08 41 59.9	+0.2
GO06				IAML		08 42 48.5	
STL	Santa Lucia	3.93	31	P	P	08 42 12.0	-0.1
FSR	Penalolen	3.94	33	P	P	08 42 12.3	+0.1
PEL	Pedehue	4.17	29	P	P	08 42 15.7	+0.4
ROC1	El Roble	4.20	24	P	P	08 42 16.9	+0.9
ROC1				S	ISC	08 43 05.6	+1.5
ROC1				S	ISC	08 42 16.6	+0.5
ROC1				S	ISC	08 43 03.6	+0.4
PLCA	Paso Flores	4.36	154	P	P	08 42 18.5	+0.4
PLCA				IAML		08 42 26.1	
PLCA				Lg	Lg	08 43 26.1	
PLCA	Paso Flores	4.36	154	P	P	08 42 19.4	+1.3
LCO	Las Campanas	8.05	15	P	P	08 43 08.4	-0.5
TRQA	Tornquist	8.90	101	P	P	08 43 22.3	+2.0
CPUP	Villa Florida	16.99	56	P	P	08 45 09.0	-0.2
CPUP				IAML		08 45 10.4	-0.4
CPUP				IAML		08 45 22.5	+1.4
LPAZ	La Paz	20.93	13	P	P	08 45 55.2	+0.6
LPAZ	La Paz	20.93	13	P	P	08 45 56.7	-0.6
SIV	San Ignacio	23.33	30	P	P	08 46 18.4	-1.0
SIV				IAML		08 46 34.5	-0.2
NNA	Nana	24.97	351	P	P	08 46 34.5	-0.2
GTBY	Guantanamo Bay	56.48	358	P	P	08 50 52.5	-0.4
GTBY				IAML		08 50 52.5	-0.4
TXAR	Lajitas Array	71.81	332	P	P	08 52 34.9	+1.4
TXAR				IAML		08 52 43.1	-0.1
DBIC	Dimbokro	76.88	71	P	P	08 53 02.8	-0.5
DBIC				IAML		08 53 12.7	-0.3
DBIC				IAML		08 53 51.4	+1.4
NVAR	Nlana Array	85.74	326	P	P	08 54 00.1	+0.2
NVAR				IAML		08 54 00.1	+0.2
PDAR	Pinedale Array	85.92	334	P	P	08 54 00.8	+0.1
TORD	Tordi Ar. Bea	85.96	70	P	P	08 53 50.5	-0.8
HVA	Hansel Valley	86.25	331	P	P	08 53 50.5	-1.8
EOU	Wood Farm, Sta	92.32	331	P	P	08 54 20.0	-0.6
WRA	Warramunga Arr	117.89	209	PKP	PKP	08 59 59.2	+1.5

IDC 11 08:46:28.9±1.8, 0.87S, 127.13E, h0km, mb3.3/4, mb1 3.5/4, mb1mx3.2/60, mbtmp3.3/4, Error ellipse: s-maj=165.2km s-min=23.9km az=65.0, Halmahera

NIED 11 08:52:00.46, 60N, 153.00E, h35km, MW4.3 Best double couple: M3.42000±1015, NP1.322300000, 61.00000, 1-186.00000, NP2.126.00000, 878.00000, 1-30.00000

JMA 11 08:52:07.5±0.8, 46.57N, 152.95E, h30km, M5.0

ISCJB 11 08:52:09.2±0.4, 46.60N, 0.03, 152.63E, 0.04, h53km, 3km, mb4.7/130, MS3.7/18, Error ellipse: s-maj=6.2km s-min=3.0km az=143.6

BUI 11 08:52:09.3, 46.65N, 152.75E, h61km, mb4.7/40, MB4.8/25, Ms4.4/11, Ms7.4/11

MOS 11 08:52:10.2±0.9, 46.63N, 152.57E, h60km, mb4.9/53, Error ellipse: s-maj=6.8km s-min=4.9km az=91.5

SKHL 11 08:52:10.5±1.0, 46.39N, 152.87E, h73km, 3km, mb5.1/12

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
KUR	Kuril'sk	3.61	250	Op	ISC	08 53 05.5	+1.5
KUR				S	ISC	08 53 46.3	+1.1
KUR				IAML		08 53 46.3	+1.1
KUR				Op	ISC	08 53 05.5	+1.5
KUR				S	ISC	08 53 46.3	+1.1
KUR				IAML		08 53 46.3	+1.1
KUR				Op	ISC	08 53 05.5	+1.5
KUR				S	ISC	08 53 46.3	+1.1
KUR				IAML		08 53 46.3	+1.1
KUR				Op	ISC	08 53 05.5	+1.5
KUR				S	ISC	08 53 46.3	+1.1
KUR				IAML		08 53 46.3	+1.1
KUR				Op	ISC	08 53 05.5	+1.5
KUR				S	ISC	08 53 46.3	+1.1
KUR				IAML		08 53 46.3	+1.1
KUR				Op	ISC	08 53 05.5	+1.5
KUR				S	ISC	08 53 46.3	+1.1
KUR				IAML		08 53 46.3	+1.1
KUR				Op	ISC	08 53 05.5	+1.5
KUR				S	ISC	08 53 46.3	+1.1
KUR				IAML		08 53 46.3	+1.1
KUR				Op	ISC	08 53 05.5	+1.5
KUR				S	ISC	08 53 46.3	+1.1
KUR				IAML		08 53 46.3	+1.1
KUR				Op	ISC	08 53 05.5	+1.5
KUR				S	ISC	08 53 46.3	+1.1
KUR				IAML		08 53 46.3	+1.1
KUR				Op	ISC	08 53 05.5	+1.5
KUR				S	ISC	08 53 46.3	+1.1
KUR				IAML		08 53 46.3	+1.1
KUR				Op	ISC	08 53 05.5	+1.5
KUR				S	ISC	08 53 46.3	+1.1
KUR				IAML		08 53 46.3	+1.1
KUR				Op	ISC	08 53 05.5	+1.5
KUR				S	ISC	08 53 46.3	+1.1
KUR				IAML		08 53 46.3	+1.1
KUR				Op	ISC	08 53 05.5	+1.5
KUR				S	ISC	08 53 46.3	+1.1
KUR				IAML		08 53 46.3	+1.1
KUR				Op	ISC	08 53 05.5	+1.5
KUR				S	ISC	08 53 46.3	+1.1
KUR				IAML		08 53 46.3	+1.1
KUR				Op	ISC	08 53 05.5	+1.5
KUR				S	ISC	08 53 46.3	+1.1
KUR				IAML		08 53 46.3	+1.1
KUR				Op	ISC	08 53 05.5	+1.5
KUR				S	ISC	08 53 46.3	+1.1
KUR				IAML		08 53 46.3	+1.1
KUR				Op	ISC	08 53 05.5	+1.5
KUR				S	ISC	08 53 46.3	+1.1
KUR				IAML		08 53 46.3	+1.1
KUR				Op	ISC	08 53 05.5	+1.5
KUR				S	ISC	08 53 46.3	+1.1
KUR				IAML		08 53 46.3	+1.1
KUR				Op	ISC	08 53 05.5	+1.5
KUR				S	ISC	08 53 46.3	+1.1
KUR				IAML		08 53 46.3	+1.1
KUR				Op	ISC	08 53 05.5	+1.5
KUR				S	ISC	08 53 46.3	+1.1
KUR				IAML		08 53 46.3	+1.1
KUR				Op	ISC	08 53 05.5	+1.5
KUR				S	ISC	08 53 46.3	+1.1
KUR				IAML		08 53 46.3	+1.1
KUR				Op	ISC	08 53 05.5	+1.5
KUR				S	ISC	08 53 46.3	+1.1
KUR				IAML		08 53 46.3	+1.1
KUR				Op	ISC	08 53 05.5	+1.5
KUR				S	ISC	08 53 46.3	+1.1
KUR				IAML		08 53 46.3	+1.1
KUR				Op	ISC	08 53 05.5	+1.5
KUR				S	ISC	08 53 46.3	+1.1
KUR				IAML		08 53 46.3	+1.1
KUR				Op	ISC	08 53 05.5	+1.5
KUR				S	ISC	08 53 46.3	+1.1
KUR				IAML		08 53 46.3	+1.1
KUR				Op	ISC	08 53 05.5	+1.5
KUR							

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations like BUR08, BUR04, BURAR, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like NWAOW, IDI, ESDC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like LLLP, GUIM, GUIL, etc.

IS/CJB 11 09:00:48.8,0.4,0.96S:0.03:126.69E:0.04, h10km, mb4.0/15, MS3.1/1, Error ellipse: s-maj=5.6km

IS/C 11 09:00:50.0,0.3,1.03S:126.69E, h10km, mb4.0/2, Error ellipse: s-maj=10.3km s-min=6.5km az=78.0

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

IS/C 11 09:07:34.8,1.3,2.87S:129.55E, h0km, mb3.6/3, mb1.3/7.5, mb1mx3.3/5Z, mbtmp3.6/5, ML3.5/2, Error ellipse: s-maj=35.2km s-min=22.6km az=91.0, Seram

IS/C 11 09:17:45.8,3.0,29.94N:141.69E, h68km, 26km, mb3.4/2, mb1.3/5.4, mb1mx2.9/63, mbtmp3.7/4, Error ellipse: s-maj=197.4km s-min=17.0km az=78.0, Southeast of Honshu

IS/C 11 09:01:49.3,0.7,48.125N:0.07:155.3E:0.1, h36km, mb3.6/8, Error ellipse: s-maj=13.4km s-min=5.0km az=43.2

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

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like PAU, ASAK, ASAK, etc.

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

IS/C 11 09:07:34.8,1.3,2.87S:129.55E, h0km, mb3.6/3, mb1.3/7.5, mb1mx3.3/5Z, mbtmp3.6/5, ML3.5/2, Error ellipse: s-maj=35.2km s-min=22.6km az=91.0, Seram

IS/C 11 09:17:45.8,3.0,29.94N:141.69E, h68km, 26km, mb3.4/2, mb1.3/5.4, mb1mx2.9/63, mbtmp3.7/4, Error ellipse: s-maj=197.4km s-min=17.0km az=78.0, Southeast of Honshu

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

IS/C 11 09:07:34.8,1.3,2.87S:129.55E, h0km, mb3.6/3, mb1.3/7.5, mb1mx3.3/5Z, mbtmp3.6/5, ML3.5/2, Error ellipse: s-maj=35.2km s-min=22.6km az=91.0, Seram

IS/C 11 09:17:45.8,3.0,29.94N:141.69E, h68km, 26km, mb3.4/2, mb1.3/5.4, mb1mx2.9/63, mbtmp3.7/4, Error ellipse: s-maj=197.4km s-min=17.0km az=78.0, Southeast of Honshu

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

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

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

MAN 11 09:27:52, 10:09N-123:27E, h1km, mb3.6, ML2.3, MS1.7, Cebu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Gun Hill, Speyside, Bacolet, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Puerto La Cruz, PTGA, TXAR, etc.

CSEM 11 09:39:33.3, 0.3, 51.60N, 6.45E, h1km, ML3.0/16, Error ellipse: s-maj=5.1km s-min=3.3km az=179.0

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

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

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

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

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

ISCJB 11 09:39:53.1, 0.8, 5.7S, 0.1, 11.4W, 0.2, h13km, mb4.1/11, MS3.7/11, Error ellipse: s-maj=25.3km s-min=14.5km az=23.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H10N2, H10N1, H10N3, etc.

IDC 11 09:44:14.9, 1.6, 5.72S, 11.44W, h0km, mb4.1/6, mb1.4/2.7, mb1mx3.7/5.6, mbtmp4.2/7, ML3.1/11, MS3.7/10, MS1=21.5km az=96.0, Ascension Island region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H10N2, H10N1, H10N3, etc.

ISCJB 11 09:46:46.4, 0.4, 3.32N, 0.02, 115:57W, 0.02, h7km, 4km, Error ellipse: s-maj=4.2km s-min=2.8km az=153.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SWSC, SWSC, BC3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MONP2 Monument Peak, XPFO Pionon Flat, PFO Pinyon Flats O, etc.

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.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TGY Tagaytag City, LUBP Lubang, PGP Puerto Galera, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu, TBP Tagbilaran, MSLP Maasin, etc.

ISC 11 10:29:33.3, 39.13N:27.54E, h5km, ML2.6/2, Suspected Mining explosion. ISCJB 11 10:29:34.5, 0.6, 39.12N:0.03:27.54E:0.04, h0km, Error ellipse: s-maj=5.1km s-min=4.6km az=41.6

CSEM 11 10:29:34.7, 0.3, 39.12N:27.54E, h1km, ML2.7, Error ellipse: s-maj=7.2km s-min=5.4km az=29.0, Suspected Mining explosion. DDA 11 10:29:35.0, 39.11N:27.52E, h7km, ML2.7, Suspected Mining explosion.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AKHS Akhisar, BAHY Balya, BALLY Balya, etc.

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

NNC 11 10:29:39.7, 4.5, 37.47N:71.23E, h0km, mb3.7, mpv3.4, 4C-4D, Error ellipse: s-maj=34.6km s-min=33.7km az=121.0, Afghanistan-Tajikistan border region

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

ISCJB 11 10:31:20.5, 1.8, 37.42S:0.03:73.75W:0.08, h12km, 12km, mb3.8/6, MS3.0/2, Error ellipse: s-maj=10.8km s-min=5.0km az=179.1

SJA 11 10:31:20.5, 0.8, 37.51S:73.84W, h75km, 9km, ML4.0, MW4.2

GUC 11 10:31:21.0, 0.5, 37.44S:73.86W, h21km, 3km, ML4.3, NEIC 11 10:31:21.0, 0.0, 37.44S:73.86W, h21km, ML4.3(GUC), After GUC.

NEIC Felt [I] at Renaioco. IDC 11 10:31:21.3, 1.2, 37.38S:73.43W, h0km, mb3.9/6, mb1.4/1.8, mb1mx3.9/38, mbtmp3.9/8, ML4.1/2, MS3.2/4, Ms1.3/2.4, ms1mx2.9/32, Error ellipse: s-maj=34.9km s-min=27.2km az=79.0

ISC 11 10:31:20.1, 1.9, 37.42S:0.04:73.68W:0.07, h1km, 11km, n39, r163/51, mb3.7/6, 5C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like COCH Cobquecura, CCHI Chillan, TMU Temuco, CANA Canaviehu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VLCH Valdivia, GO06 Curarehue, GO05 Hualae0, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PLCA Paso Flores, PLCA Paso Flores, PEIPEI Pei Pei, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AMOG Mogna, LCO Las Campanas, AGUA GUANDACOL, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DBIC Dimbokoro, PDAR Piedra Array, TORD Torodi Ar. Bea, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ABKAR Abkular array, ZALV Zalesovo Beam, etc.

ISC 11 10:37:28.2, 1.8, 17.46S:167.749E, h0km, mb3.6/6, mb1.3/9.7, mb1mx3.7/47, mbtmp3.7/7, ML3.9/1, MS3.0/1, Ms1.3/0.1, ms1mx2.5/33, Error ellipse: s-maj=49.5km s-min=27.1km az=126.0

ISCJB 11 10:37:29.8, 1.4, 17.63S:0.08:167.5E:0.2, h19km, mb3.6/5, Error ellipse: s-maj=28.9km s-min=11.5km

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

IDC 11 10:45:41.2, 2.9, 1.75N:96.88E, h0km, mb3.5/5, mb1.3/7.6, mb1mx3.4/67, mbtmp3.6/6, ML3.8/1, Error ellipse: s-maj=109.8km s-min=23.1km az=57.0

ISCJB 11 10:45:44.3, 1.0, 1.89N:0.06:96.61E:0.09, h28km, mb3.5/5, Error ellipse: s-maj=13.0km s-min=7.9km az=158.2

DJA 11 10:45:48.1, 0.9, 2.9, 7E:1.2, h10km, M3.4/4, ML3.4/4

ISC 11 10:45:46.0, 1.2, 1.94N:0.06:96.8E:0.1, h28km, n13, r109/13, mb3.6/5, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GSI Gunungsitoli, TPTI TPTI, KCSI Kotacane, Aceh, etc.

H08S2 Diego Garcia H 26.01 248 T T 11 18 28.2

H08S3 Diego Garcia H 26.01 248 T T 11 18 26.9

H08S1 Diego Garcia H 26.03 248 T T 11 18 24.3

WRA Warramunga Arr 42.80 122 P P 10 53 39.3 -2.4

MKAR Makanchi Array 46.42 346 P P 10 54 11.2 +0.9

SONM Songno Array 46.48 9 P P 10 54 12.0 +1.2

KURBB Kurchatov Arra 50.91 345 P P 10 54 45.6 +1.0

ZALV Zalesovo Beam 52.77 351 P P 10 54 59.1 +0.7

IDC 11 10:50:11.6, 1.3, 2.88S:129.41E, h0km, mb3.5/3, mb1.3/8.5, mb1mx3.5/50, mbtmp3.7/5, ML3.5/2, MS3.0/1, Ms1.3/0.1, ms1mx2.2/34, Error ellipse: s-maj=43.0km s-min=24.1km az=80.0

ISCJB 11 10:50:16.4, 0.7, 2.89S:0.07:129.66E:0.07, h33km, mb3.5/3, Error ellipse: s-maj=12.8km s-min=7.1km az=43.3

DJA 11 10:50:16.6, 0.5, 3.5S:5.12E, h10km, M3.3/7, ML3.3/7

ISC 11 10:50:17.1, 1.0, 2.89S:0.08:129.66E:0.07, h35km, n12, r167/12, mb3.7/3, Seram

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MSAI Masohi, BNDI Bandanaira, SJIJ Sorong, etc.

ISK 11 10:50:44.7, 38.73N:43.38E, h20km, ML2.3/4

CSEM 11 10:50:45.9, 0.4, 38.74N:43.39E, h10km, ML2.3, Error ellipse: s-maj=8.9km s-min=6.6km az=123.0

ISCJB 11 10:50:46.3, 0.9, 38.72N:0.05:43.41E:0.07, h20km, 10km, Error ellipse: s-maj=9.9km s-min=6.1km az=36.7

DDA 11 10:50:46.1, 38.73N:43.44E, h7km, ML2.7

ISC 11 10:50:46.6, 0.9, 38.75N:0.03:43.36E:0.04, h16km, 9km, n24, r152/31, Turkey

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

MAN 11 10:57:27.9, 38N:123.19E, h29km, mb3.9, ML2.7, MS2.3, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TBP Tagbilaran, LLP Lapu-Lapu, GUP Jordan, etc.

11d 12h

MAN 11 11:11:36, 10.45N-123.38E, h19km, mb3.7, ML2.4, MS1.9, Cebu. Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu, GUIM Jordan, MSLP Maasin.

MAN 11 11:24:20, 10.31N-123.38E, h27km, mb3.9, ML2.6, MS2.2, Cebu. Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu, TBP Tagbilaran, GUIM Jordan, MSLP Maasin.

NIED 11 11:27:00, 41.20N-141.70E, h11km, Mw3.5. Best double couple: M2.00000-1014 NP1s=272.00000, 3.59.00000, 1.77.00000. NP2s=109.00000, 8.52.00000, 1.101.00000. ISCJB 11 11:27:49.0-5.41.23N-0.03-141.66E:0.05, h43km, 5km, mb3.5/10, Error ellipse: s-maj=6.8km s-min=4.9km az=16.0.

JMA 11 11:27:49.3-0.1, 41.25N-141.71E, h20km, 1km, M3.8 JMA Feit JJ, JMA 11 11:27:54.5-2.0, 41.30N-141.68E, h68km, 17km, mb3.3/10, mb1.3/4.1, mb1mx3.2/6.6, mbtmp3.5/13, MS2.4/1, Ms1.2/4.1, ms1mx2.0/2.4, Error ellipse: s-maj=23.6km s-min=13.9km az=120.0.

ISC 11 11:27:49.5-1.2, 41.23N-0.03-141.67E:0.05, h25km, 9km, n29, -0.975/32, mb3.5/10, 2C-4D, Hokkaido region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations including JOT Ohata, JTM Tenmabayashi, JTB Kyo, JKB Kyo, JANG Nango, JSR Shiruichi, JAH Hinai, JYM2 Yakumo 2, JNB Noboribetsu, JNBK Urawaka-nobuka, JEM Erimo, ASAJ Asahikawa, ASAJ 6.6nm, 0.3s, baz=214, slow=22, SNR=3.9, MJAR Matsushiro Arr 5.40 211 P, KSRS Korea Array 11.29 255 P, KSRS comp=2.19nm, 20.4s, baz=134, slow=33, H1N12 WAKE ISLAND Hy 30.33 127 T, H1N11 WAKE ISLAND Hy 30.34 127 T, H1N13 WAKE ISLAND Hy 30.35 127 T, H1S11 WAKE ISLAND Hy 31.16 129 T, H1S13 WAKE ISLAND Hy 31.17 129 T, H1S12 WAKE ISLAND Hy 31.18 129 T, ZALV Zalesovo Beam 3.94 309 P, ZALV 0.3nm, 0.3s, baz=93, slow=8.7, SNR=2.9, MKAR Makanchi Array 42.18 298 P, KURBB Kurchatov Arra 43.68 305 P, ILAR Eielson Array 45.89 34 P, YKA Yellowknife Arr 60.10 31 P, WRA Warramunga Arr 61.24 188 P, FINES FINES Array B 65.21 331 P, HFS Hagfors 7.70 335 P, AKASG Malin Array Be 71.12 322 P, PDAR Piedale Array 74.61 46 P.

SOME 11 11:29:13.7, 40.97N-79.87E, h0km NNC 11 11:29:16.2, 4.3, 41.03N-79.78E, h0km, mb3.0, mpv2.6, Error ellipse: s-maj=51.4km s-min=30.1km az=75.0, ISC 11 11:29:16.8-4.3, 40.90N-0.2-80.3E:0.1, h10km, n7, -0.684/12, 2C-2D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like UZB Uzunbulak, PDGK Podgornoye, SATY Sathy, SATY 5.7nm, 0.4s, KURS Kuram, TNS5 Tian-Shan, MAK2 Makanchi, MK31 Makanchi Array, MK31 0.3nm, 0.6s, baz=246, slow=19, SNR=4.6.

IDC 11 11:29:33.8-1.5, 1.25S-126.75E, h0km, mb3.2/3, mb1.3/5.4, mb1mx3.3/3.3, mbtmp3.3/4, ML3.2/1, Error ellipse: s-maj=36.6km s-min=25.0km az=52.0, DJA 11 11:29:34.1-0.8, 1.5S-127.7E, h15km, 17km, M3.4/4, ML3.4/4, ISCJB 11 11:29:36.2-0.8, 0.99S-107.127.04E:0.09, h34km, mb3.2/2, Error ellipse: s-maj=14.6km s-min=6.5km az=37.0, ISC 11 11:29:36.2-0.9, 1.14S-107.127.16E:0.07, h34km, n7, -1.951/11, Halmaera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like LBMI Labuha, SANI Sanana, NLAN Namlea, SIJL Sorong, SIJL 1.1nm, 0.3s, baz=238, slow=15, SNR=4.6, SIJL 0.8nm, 0.3s, baz=197, slow=19, SNR=2.3.

2012 FEB

WRA Warramunga Arr 19.96 160 P, ASAR Alice Springs 23.33 164 P, MKAR Makanchi Array 61.81 327 P.

ISK 11 11:42:45.8, 38.20N-30.95E, h5km, MD2.5, ISCJB 11 11:42:46.7-0.6, 38.20N-0.04-30.97E:0.04, h7km, Error ellipse: s-maj=5.2km s-min=4.9km az=167.0, CSEM 11 11:42:46.8-0.1, 38.18N-30.93E, h8km, MD2.5, Error ellipse: s-maj=2.8km s-min=2.3km az=42.0, DDA 11 11:42:46.8, 38.19N-30.95E, h7km, MD2.5, ISC 11 11:42:46.8-0.9, 38.18N-0.03-30.97E:0.04, h7km, n16, -0.453/22, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like BAGO Egridir - ISPA, SHUT Suhut-Afyon, ISIP Isparta, ISIP Isparta, BOLV Bolvadin, BOLV Bolvadin, DOGA KONYA Daganhis, DOGA KONYA Daganhis, SUTC Sultuce-Ispart, SUTC Sultuce-Ispart, KONT Konya-Tatoy, KONT Konya-Tatoy, KHAL Karahalli, KHAL Karahalli.

NNC 11 11:50:20.3-0.6, 51.80N-75.60E, h0km, mb3.2, mpv2.8, Error ellipse: s-maj=22.0km s-min=3.2km az=28.0, Suspected Mining explosion.

IDC 11 11:50:24.1-3.1, 51.80N-75.73E, h0km, mb1.2/7/3, mb1mx2.6/7.7, mbtmp2.7, ML2.2/3, 4C-4D, Error ellipse: s-maj=37.5km s-min=23.5km az=62.0, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like KURK Kurchatov, KURK 3.1nm, 0.8s, KURBB Kurchatov Arra, KURBB 0.3nm, 0.3s, baz=302, slow=18, SNR=22, BVAO Borovoye Array, BVAO 3.50 293 P, BVAO 3.9nm, 1.1s, baz=107, slow=18, SNR=6.7, BRVK Borovoye, BRVK 3.57 293 P, ZALV Zalesovo Beam, ZALV 5.91 65 P, ZALV 0.9nm, 0.3s, baz=248, slow=15, SNR=4.0, I46RU ZALESOV INFR A 5.91 65 P, MAK2 Makanchi, MAK2 6.45 138 P, MK31 Makanchi Array, MK31 6.59 137 P, MK31 1.4nm, 1.1s, baz=356, slow=12, SNR=8.2, MK31 0.5nm, 0.6s, MK31 11 53 50.7, MKAR Makanchi Array, MKAR 6.59 137 P, MKAR 0.1nm, 0.3s, baz=316, slow=14, SNR=5.8, MKAR 0.1nm, 0.3s, baz=307, slow=20, SNR=2.6, AAK Ala-Archa, AAK 9.20 186 P, AAK 0.2nm, 0.3s, baz=0.0, slow=20, SNR=3.8.

ISCJB 11 11:53:56.8-1.1, 61.1S-0.2-24.7W:0.7, h10km, mb3.5/2, Error ellipse: s-maj=54.6km s-min=13.1km az=153.2, IDC 11 11:53:57.2-1.7, 61.06S-3.95W, h0km, mb3.7/2, mb1.4/1.8, mb1mx3.6/3.4, mbtmp4.0/3, ML4.3/1, Error ellipse: s-maj=66.3km s-min=34.9km az=45.0, ISC 11 11:53:58.8-1.2, 61.1S-0.2-24.6W:0.4, h10km, n10, -0.404/8, South Sandwicks Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, SNA4 Sanae, SNA4 Sanae, SNA4 Sanae, CPUP Villa Florida, TORD Torodi Ar. Bea, SONM Songo Array, SONM Songo Array.

IDC 11 11:55:27.1-1.8, 26.28N-142.31E, h0km, mb3.3/3, mb1.3/6.3, mb1mx3.1/5.9, mbtmp3.3/3, Error ellipse: s-maj=82.6km s-min=15.0km az=87.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like JCJ Chichijima, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

MAN 11 11:59:23.7, 7.78N-124.60E, h2km, mb5.0, ML3.9, MS3.9, ISCJB 11 11:59:24.1-0.5, 7.67N-124.70E:0.03, h26km, 4km, mb4.1/23, MS3.2/8, Error ellipse: s-maj=4.8km s-min=3.6km az=171.7, NEIC 11 11:59:26.5-0.3, 7.71N-124.87E, h35km, mb4.4/14, Error ellipse: s-maj=13.6km s-min=6.2km az=69.0, NEIC Feit at Tangub, DJA 11 11:59:28.1-1.3, 7.7N-125.2E, h16km, 12km, M4.7/2, mb4.4/1, MLV4.8/2, IDC 11 11:59:28.9-1.6, 7.81N-125.24E, h55km, 16km, mb3.7/11, Mb1.4/0.12, mb1mx3.6/5.7, mbtmp4.0/12, ML4.6/1, MS3.2/10, Mb1.3/2.10, ms1mx2.9/5.4, Error ellipse: s-maj=34.1km s-min=13.3km az=68.0, ISC 11 11:59:29.2-0.4, 7.69N-124.69E:0.03, h20km, 3km, n80, -1.996/93, mb4.1/23, MS3.1/8, 7C, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like BUKP Musuan, CTBH Cotabato-PC H, KCP Kidapawan.

DAV Davao City (W) 1.07 125 P, DAV Davao City (W) 1.07 125 P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like DAV Davao City (W), PAGZ Pagadian, BUTAN Butuan, DCPH Dipolog City, GSFP General Santos, MATI Mati, BIPH Bislig, TBP Tagbilaran, SCPH Surigao, MSLP Maasin, LLP Lapu-Lapu, OCLM Ormoc, GUIM Jordan, SGSI Sangihe, RCP Roxas, KMSI Cibinong, MRSI Marisa, WRSI Luwuk, LUWI Luwuk, SANI Sanana, SIJI Sorong, MMRI Maumere, SAUI Saumlaki, SOEI Soe, SOEI Soe, PLAI Plampang, BATI Baunata, JOW Kunigami, NJ2 Nanjing, MASI Maun Aman, Be, FITZ Fitzroy Crossi, PSI Prapat, KMI Kunming, CM01 Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, GSI Gunungstigi, PMG Port Moresby, PMG Port Moresby, WRAB Tennant Creek, WRA Warramunga Arr, KSRS Korea Array, XAN Xian, XAN Xian, CD2 Chengdu, AS31 Alice Springs, ASAR Alice Springs, AS01 Alice Springs, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, BRDH Baridhala, LSA Lhasa, BBOO Buckleboe, STKA Stephens Creek, STKA Stephens Creek, SONM Songo Array, SONM Songo Array, SONA1 Songo Array, WMQ Urumqi, DZM Dzumac, PETK Petropavlovsk, MK31 Makanchi Array, MK31 Makanchi Array, MK31 Makanchi Array, MK31 Makanchi Array, KSH Kashi, KSH Kashi, KSH Kashi, KSH Kashi, KSH Kashi, AAK Ala-Archa, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURBB Kurchatov Arr, BRVK Borovoye, ABKAR Abkhal Array, COLD Coldfoot, ILAR Eielson Array, YKA Yellowknife Arr, PLCA Pella, ISCJB 11 12:06:24.1-1.2, 39.11N-107.75:32E:0.07, h10km, Error ellipse: s-maj=10.1km s-min=8.1km az=1.9, KRNET 11 12:06:24.5-0.1, 39.07N-107.75:25E, mb3.3/3, B. 1.2nm, 0.2s, baz=308, slow=4.3, SNR=4.5, NNC 11 12:06:25.4-1.3, 39.21N-107.31E, h4km, 9km, mb3.8, mpv3.4, Error ellipse: s-maj=13.1km s-min=7.0km az=164.0, ISC 11 12:06:27.5-2.4, 39.39N-107.75:26E:0.05, h10km, n26, -1.927/40, 26C-12D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like SAUI Saumlaki, SOEI Soe, SOEI Soe, PLAI Plampang, BATI Baunata, JOW Kunigami, NJ2 Nanjing, MASI Maun Aman, Be, FITZ Fitzroy Crossi, PSI Prapat, KMI Kunming, CM01 Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, GSI Gunungstigi, PMG Port Moresby, PMG Port Moresby, WRAB Tennant Creek, WRA Warramunga Arr, KSRS Korea Array, XAN Xian, XAN Xian, CD2 Chengdu, AS31 Alice Springs, ASAR Alice Springs, AS01 Alice Springs, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, BRDH Baridhala, LSA Lhasa, BBOO Buckleboe, STKA Stephens Creek, STKA Stephens Creek, SONM Songo Array, SONM Songo Array, SONA1 Songo Array, WMQ Urumqi, DZM Dzumac, PETK Petropavlovsk, MK31 Makanchi Array, MK31 Makanchi Array, MK31 Makanchi Array, MK31 Makanchi Array, KSH Kashi, KSH Kashi, KSH Kashi, KSH Kashi, KSH Kashi, AAK Ala-Archa, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURBB Kurchatov Arr, BRVK Borovoye, ABKAR Abkhal Array, COLD Coldfoot, ILAR Eielson Array, YKA Yellowknife Arr, PLCA Pella, ISCJB 11 12:06:24.1-1.2, 39.11N-107.75:32E:0.07, h10km, Error ellipse: s-maj=10.1km s-min=8.1km az=1.9, KRNET 11 12:06:24.5-0.1, 39.07N-107.75:25E, mb3.3/3, B. 1.2nm, 0.2s, baz=308, slow=4.3, SNR=4.5, NNC 11 12:06:25.4-1.3, 39.21N-107.31E, h4km, 9km, mb3.8, mpv3.4, Error ellipse: s-maj=13.1km s-min=7.0km az=164.0, ISC 11 12:06:27.5-2.4, 39.39N-107.75:26E:0.05, h10km, n26, -1.927/40, 26C-12D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like SAUI Saumlaki, SOEI Soe, SOEI Soe, PLAI Plampang, BATI Baunata, JOW Kunigami, NJ2 Nanjing, MASI Maun Aman, Be, FITZ Fitzroy Crossi, PSI Prapat, KMI Kunming, CM01 Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, GSI Gunungstigi, PMG Port Moresby, PMG Port Moresby, WRAB Tennant Creek, WRA Warramunga Arr, KSRS Korea Array, XAN Xian, XAN Xian, CD2 Chengdu, AS31 Alice Springs, ASAR Alice Springs, AS01 Alice Springs, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, BRDH Baridhala, LSA Lhasa, BBOO Buckleboe, STKA Stephens Creek, STKA Stephens Creek, SONM Songo Array, SONM Songo Array, SONA1 Songo Array, WMQ Urumqi, DZM Dzumac, PETK Petropavlovsk, MK31 Makanchi Array, MK31 Makanchi Array, MK31 Makanchi Array, MK31 Makanchi Array, KSH Kashi, KSH Kashi, KSH Kashi, KSH Kashi, KSH Kashi, AAK Ala-Archa, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURBB Kurchatov Arr, BRVK Borovoye, ABKAR Abkhal Array, COLD Coldfoot, ILAR Eielson Array, YKA Yellowknife Arr, PLCA Pella, ISCJB 11 12:06:24.1-1.2, 39.11N-107.75:32E:0.07, h10km, Error ellipse: s-maj=10.1km s-min=8.1km az=1.9, KRNET 11 12:06:24.5-0.1, 39.07N-107.75:25E, mb3.3/3, B. 1.2nm, 0.2s, baz=308, slow=4.3, SNR=4.5, NNC 11 12:06:25.4-1.3, 39.21N-107.31E, h4km, 9km, mb3.8, mpv3.4, Error ellipse: s-maj=13.1km s-min=7.0km az=164.0, ISC 11 12:06:27.5-2.4, 39.39N-107.75:26E:0.05, h10km, n26, -1.927/40, 26C-12D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like SFK Sufi-Kurgan, SFK Sufi-Kurgan, SFK Sufi-Kurgan.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARHZ Aropoanui, UTU Utuhia, CKHZ Cape Kidnapper, etc.

MAN 11 12:53:34,10:04N-123:26E,h1km,mb3.8,ML2.6,MS2.1, Cebu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TBP Tagbilaran, LLP Lapu-Lapu, GUIS Jordan, etc.

ISCJB 11 13:03:39.7±1.2,34.92S:0.06:179.1E:0.2,h150km,mb3.9/2, Error ellipse: s-maj=22.2km s-min=8.2km az=178.8

IDC 11 13:03:40.7±7.7,35.08S:179.31E,h160km,79km,mb3.7/2, mb1.3/3/3,mb1mx3/4/38,mbtmp4/1/3, Error ellipse: s-maj=91.1km s-min=49.7km az=177.0

WEL 11 13:03:42.3,35°S:177.9E±1.7,h174km,26km ISC 11 13:03:41.6,18.10S:0.1x179.1E:0.2,h150km,n43, ±111/43, South of Kermadec Islands

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

MAN 11 13:35:38,10:14N-123:32E,h27km,mb3.9,ML2.6,MS2.1, Cebu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LLP Lapu-Lapu, TBP Tagbilaran, GUIS Jordan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MTHZ Maungataniwha, WHHZ Waihua, NMHZ Naumai, etc.

IDC 11 13:22:15.0±1.3,17.90S:167.44E,h0km,mb3.8/7, mb1.4/0/8,mb1mx3/7/47,mbtmp3.8/8,ML3.4/1,MS2.9/2, mb1.2/9/2,ms1mx2.5/34, Error ellipse: s-maj=43.6km s-min=22.9km az=143.0

ISCJB 11 13:22:17.1±1.0,18.01S:0.08:167.4E:0.2,h23km,mb3.7/6,MS3.0/1, Error ellipse: s-maj=22.6km s-min=10.9km az=7.7

ISC 11 13:22:18.5±1.1,18.00S:0.1x167.5E:0.2,h23km,n10, ±137/9,mb3.9/6,Vanuatu Islands

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

MAN 11 13:25:32,10:01N-125:95E,h15km,mb4.4,ML3.2,MS3.0, 1C-2D, Leyte

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SCPH Surigao, SCFH SUCPH, BUTP Butuan, etc.

MAN 11 13:30:22,7:59N:124:81E,h33km,mb4.3,ML3.1,MS2.8, 1D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CTBH Cotabato-PC H, CTBH CTBH.

ISCJB 11 13:31:06.3±0.8,77.00N:0.06:7.8E:0.2,h10km, Error ellipse: s-maj=9.4km s-min=6.8km az=172.0

BER 11 13:31:10.8±2.9,76.93N:7.73E,h15km,26km,ML2.4, ML2.8(N/AO)

NAO 11 13:31:12.6±3.2,77.21N:8.85E,h27km,27km,ML2.8 CSEM 11 13:31:12.3±0.6,76.92N:6.28E,h20km,ML2.8, Error ellipse: s-maj=14.3km s-min=9.3km az=82.0

ISC 11 13:31:06.7±0.9,76.93N:0.05:7.85E:0.05,h10km,n17, ±263/26, 1D, Svalbard region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HSPB Hornsund (broa), HSPB Hornsund (broa), HSPB SNR=55, etc.

ISCJB 11 13:31:06.7±0.9,76.93N:0.05:7.85E:0.05,h10km,n17, ±263/26, 1D, Svalbard region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SPA0 Spitsbergen Ar, SPA0 Spitsbergen Ar, SPA0 Spitsbergen Ar, etc.

MAN 11 13:35:38,10:14N-123:32E,h27km,mb3.9,ML2.6,MS2.1, Cebu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LLP Lapu-Lapu, TBP Tagbilaran, GUIS Jordan, etc.

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

MAN 11 13:48:50,10:28N:123:35E,h72km,mb3.9,ML2.6,MS2.1, Cebu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LLP Lapu-Lapu, TBP Tagbilaran, GUIS Jordan, etc.

MAN 11 13:50:46,11:15N:124:70E,h20km,mb0.0,ML0.0,MS0.0, 1C, Leyte

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OCLP Ormoc, PLP Palo, MSLP Maasin, etc.

BER 11 14:13:50.9±2.2,76:97N:7:25E,h15km,19km,ML1.7, Svalbard region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HSPB Hornsund (broa), HSPB Hornsund (broa), HSPB comp=Z,10.0nm,0.2s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KBS Kingsbay, SPA0 Spitsbergen Ar, SPA0 Spitsbergen Ar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SPA0 Spitsbergen Ar, DAG Danmarks Havn, etc.

ISCJB 11 14:18:01.9±0.9,51.42N:0.04:16.10E:0.04,h0km, Error ellipse: s-maj=6.2km s-min=3.5km az=15.2

CSEM 11 14:18:04.5±0.6,51.36N:16.03E,h2km,ML3.1/1, Error ellipse: s-maj=8.7km s-min=5.1km az=7.0

VIE 11 14:18:08.5±0.9,51.10N:16.23E,h0km,mb2.2/2,ML2.5/5, Error ellipse: s-maj=6.2km s-min=5.5km az=158.0, Suspected Mining induced.

WAR 11 14:18:08.2,51.01N:15.83E,h1km,Mw2.5 ISC 11 14:18:05.0±1.1,51.35N:0.05:16.02E:0.03,h0km,n29, ±858/53, Poland

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SPA0 Spitsbergen Ar, DAG Danmarks Havn, etc.

ISCJB 11 14:18:01.9±0.9,51.42N:0.04:16.10E:0.04,h0km, Error ellipse: s-maj=6.2km s-min=3.5km az=15.2

CSEM 11 14:18:04.5±0.6,51.36N:16.03E,h2km,ML3.1/1, Error ellipse: s-maj=8.7km s-min=5.1km az=7.0

VIE 11 14:18:08.5±0.9,51.10N:16.23E,h0km,mb2.2/2,ML2.5/5, Error ellipse: s-maj=6.2km s-min=5.5km az=158.0, Suspected Mining induced.

WAR 11 14:18:08.2,51.01N:15.83E,h1km,Mw2.5 ISC 11 14:18:05.0±1.1,51.35N:0.05:16.02E:0.03,h0km,n29, ±858/53, Poland

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SPA0 Spitsbergen Ar, DAG Danmarks Havn, etc.

ISCJB 11 14:18:01.9±0.9,51.42N:0.04:16.10E:0.04,h0km, Error ellipse: s-maj=6.2km s-min=3.5km az=15.2

CSEM 11 14:18:04.5±0.6,51.36N:16.03E,h2km,ML3.1/1, Error ellipse: s-maj=8.7km s-min=5.1km az=7.0

VIE 11 14:18:08.5±0.9,51.10N:16.23E,h0km,mb2.2/2,ML2.5/5, Error ellipse: s-maj=6.2km s-min=5.5km az=158.0, Suspected Mining induced.

WAR 11 14:18:08.2,51.01N:15.83E,h1km,Mw2.5 ISC 11 14:18:05.0±1.1,51.35N:0.05:16.02E:0.03,h0km,n29, ±858/53, Poland

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SPA0 Spitsbergen Ar, DAG Danmarks Havn, etc.

ISCJB 11 14:18:01.9±0.9,51.42N:0.04:16.10E:0.04,h0km, Error ellipse: s-maj=6.2km s-min=3.5km az=15.2

CSEM 11 14:18:04.5±0.6,51.36N:16.03E,h2km,ML3.1/1, Error ellipse: s-maj=8.7km s-min=5.1km az=7.0

VIE 11 14:18:08.5±0.9,51.10N:16.23E,h0km,mb2.2/2,ML2.5/5, Error ellipse: s-maj=6.2km s-min=5.5km az=158.0, Suspected Mining induced.

WAR 11 14:18:08.2,51.01N:15.83E,h1km,Mw2.5 ISC 11 14:18:05.0±1.1,51.35N:0.05:16.02E:0.03,h0km,n29, ±858/53, Poland

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

IDC 11 14:28:47.2±2.1,6:57S:130:06E,h150km,23km,mb3.3/2, mb1.3/3/7,mb1mx3/0/58,mbtmp3.7/7, Error ellipse: s-maj=32.7km s-min=17.1km az=83.0

ISC 11 14:28:45.4±0.8,6:72S:0.06:130:2E:0.1,h146km,n7,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Sorong, Stephens Creek, Bauutama, etc.

ISCJB 11 14:37:28.6, 0.4, 40.52N, 0.03, 25.96E, 0.03, h6km, 6km, Error ellipse: s-maj=5.2km s-min=3.9km az=30.0

CSEM 11 14:37:28.9, 0.1, 40.52N, 25.96E, h10km, ML2.3, Error ellipse: s-maj=3.2km s-min=3.0km az=111.0

ATH 11 14:37:28.3, 40.52N, 25.94E, h17km, 5km, ML1.7/5, Error ellipse: s-maj=5.7km s-min=0.9km az=298.0

ISK 11 14:37:28.3, 40.46N, 25.95E, h8km, ML2.3/3 DDA 11 14:37:33.2, 40.48N, 26.43E, h7km, ML2.6

ISC 11 14:37:28.8, 0.9, 40.52N, 0.02, 25.96E, 0.02, h13km, 9km, n38, r05756, Aegean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Enez, Samothraki Isl, Gvkeada, etc.

SJA 11 14:57:49.3, 0.4, 30.88S, 72.00W, h16km, 50km, ML2.6, MW3.8, Off coast of central Chile

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

ISC 11 14:59:51.2, 5.4, 35.81N, 69.58E, h99km, 36km, mb3.5/3, mb1.3/4.8, mb1mx3.1/7.0, mbtmp3.8/8, MS3.0/1, ML1.3/0.1, ms1mx2.2/5.8, Error ellipse: s-maj=70.5km s-min=24.1km az=153.0

ISCJB 11 14:59:52.1, 0.5, 36.08N, 0.04, 69.43E, 0.06, h112km, mb3.4/2, Error ellipse: s-maj=7.3km s-min=5.0km az=144.0

NNC 11 15:00:00.8, 3.9, 36.68N, 69.38E, h156km, 73km, mb3.0, mpv3.8, Error ellipse: s-maj=35.1km s-min=28.0km az=44.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Sufi-Kurgan, Thein Dam, Manas, etc.

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

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

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

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

ISC 11 15:23:01.0, 0.5, 10.05S, 160.43E, h0km, mb5.0/29, mb1.5/1.30, mb1mx5.0/49, mbtmp5.0/30, ML4.7/1, MS4.0/33, MS1.4/0.33, ms1mx4.0/43, Error ellipse: s-maj=15.7km s-min=11.6km az=116.0

MOS 11 15:23:06.9, 0.8, 9.90S, 160.20E, h47km, mb5.1/41, MS4.1/5, Error ellipse: s-maj=9.8km s-min=7.4km az=89.3

GCMT 11 15:23:07.9, 0.3, 10.14S, 160.23E, h33km, 1km, MW5.0/65, Moment Tensor Solution, s36, c39; s65, c83; Duration: 0.10s

NEIC 11 15:23:07.9, 0.9, 9.95S, 160.27E, h47km, mb5.1/37, Error ellipse: s-maj=7.3km s-min=5.0km az=114.0

BUI 11 15:23:08.5, 9.36S, 160.19E, h39km, mb5.0/56, mb5.1/38, MS5.1/22, MS7.4/8/11

ISC 11 15:23:06.9, 0.3, 9.95S, 0.04, 160.16E, 0.06, h32km, n291, r1511298, mb5.1/90, MS4.2/36, 7C-2D, Bougainville-Solomon Islands region

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MMR1, MMR1, MMR1, MMR1, MMR1, etc.

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

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

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

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

11d 16h

MAT Matsushiro 2.28 290 P Pn 15 58 39.5 -0.6
MAT eS Sn 15 59 09.5 +1.6

IDC 11 16:58:48.1±399.0,30.61N:16.87E,h0km,Error ellipse:
s-maj=174.9km s-min=148.2km az=133.0,Near coast of Libya

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like H48TN KESRA INFRASON, I31KZ AKTYUBINSK INF.

ISK 11 16:00:59.6,39°12N:29°17E,h12km,MD2.3/1
ISCJB 11 16:01:00.9±0.5,39°12N:0°04:29.12E±0.04,h3km,7km,
Error ellipse: s-maj=7.0km s-min=4.0km az=152.0

CSEM 11 16:01:00.8±0.2,39°14N:29°12E,h8km,MD2.3,Error
ellipse: s-maj=4.7km s-min=2.8km az=139.0

DDA 11 16:01:00.8±0.9,39°13N:29°11E,h7km,MI2.6
ISC 11 16:01:00.8±0.9,39°14N:0°03:29.12E±0.03,h9km,7km,

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like SIMA Simav-Kutahya, DEMI Demirci, KXTX Karacabey (Bur).

DDA 11 16:22:06.7,38°72N:43°17E,h7km,MI2.7
CSEM 11 16:22:06.7,38°72N:43°17E,h7km,MI2.7
ISC 11 16:22:06.8±1.2,38°72N:0°04:43.22E±0.05,h14km±11km,

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like VANB Van, TVAN Van, ADCV BITLIS Adilcev, SKR Severo-Kuril's.

ISCJB 11 16:30:17.4±0.5,49°55N:0°06:154°93E±0°09,
h128km,4km,mb3.8/29,Error ellipse: s-maj=12.4km
s-min=4.3km az=44.5

KRSC 11 16:30:17.1±1.5,49°19N:156°09E,h100km,24km,ML4.8
MOS 11 16:30:17.2±1.0,49°53N:154°84E,h122km,mb3.9/15,

Error ellipse: s-maj=12.8km s-min=4.8km az=71.3
SKHL 11 16:30:18.7±0.4,49°60N:154°85E,h129km,3km,mb4.9/4,

hms7.74
IDC 11 16:30:19.1±2.0,49°54N:154°86E,h126km,1km,
mb3.5/25,mb1.3/62,mb1mx3.5/79,mbtmp3.3/32,Error
ellipse: s-maj=17.5km s-min=9.2km az=152.0

ISC 11 16:30:17.9±0.8,49°47N:0°07:155°00E±0°07,h120km,7km,
n102,±1933/135,mb3.8/29,4C-1D,Kuril Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like SKR Severo-Kuril's, PAU Pauzhetka, KDMR Karymshinskiy.

2012 FEB

PETK comp=N,1.8nm,0.3s,baz=189,slow=16,SNR=4.2
Petropavlovsk 4.24 31 ePn Pn 16 31 00.4 -3.6

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like PETK, PET, DALK Dainy.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like PETK, PET, DALK Dainy.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like KOK Koryaka, KUR Kuril'sk.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like KUR Kuril'sk, KUR Kuril'sk.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like SHO Shikotan, SHO Shikotan.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like TYV Tyumovskoe, YUK Yuzh-Kuril'sk.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like MA2 Magadan, SEY Seychman.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like KLR Kul'dur, USRK Ussuriysk Arr.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like MJAR Matsushiro Arr, YAK Yakutsk.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like H1N1 WAKE ISLAND Hy, H1N2 WAKE ISLAND Hy.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like H1N3 WAKE ISLAND Hy, ULN Ulaanbaatar.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like ULN Ulaanbaatar, SOMN Songino Array.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like TLY Talaya, TLY Talaya.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like H1S1 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like H1S2 WAKE ISLAND Hy, ILAR Eielson Array.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like ILAR Eielson Array, INK Inuvik.

642

comp=Z,0.8nm,0.6s,baz=43,slow=6.6,SNR=4.3
PDAR Pinedale Array 62.15 56 P P 16 40 25.5 +0.1

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like GEYT Alibek, HFS Hagfors.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like KBZ Khabaz, AKASG Main Array Be.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like WRA Warramunga Arr, TXAR Lajitas Array.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like GERES GEREES Array B, BRTR Keskin Array B.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like BRTR Keskin Array B, BRTR Keskin Array B.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like MMAI Mount Meron Arr, MMAI Mount Meron Arr.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like H08S3 Diego Garcia H, H08N3 Diego Garcia H.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like H08N1 Diego Garcia H, H08N2 Diego Garcia H.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like OPO Ambohitrantampo, LEM Lembang.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, ASAR Alice Springs.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like ASAR Alice Springs, WRA Warramunga Arr.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like MKAR Makanchi Array, ZALV Zalevovo Beam.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like H08S4 Diego Garcia H, H08S5 Diego Garcia H.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like H08S6 Diego Garcia H, H08S7 Diego Garcia H.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like H08S8 Diego Garcia H, H08S9 Diego Garcia H.

IDC 11 16:31:04.0±4.3,19°06S:64°92E,h0km,mb3.7/5,
mb1.3/8.5,mb1mx3.4/68,mbtmp3.7/5,MS3.4/3,Ms1.3/4/3,
ms1mx2.8/50,Error ellipse: s-maj=124.9km
s-min=34.5km az=60.0,Mauritius-Reunion region

IDC 11 16:32:24.0±2.0,3°34N:128°69E,h0km,mb3.3/4,
mb1.3/5.4,mb1mx3.2/63,mbtmp3.4/2,mbtmp3.4/2,Error ellipse:
s-maj=109.7km s-min=22.0km az=72.0,North of
Halmahera

ISCJB 11 16:48:35.8±0.1,54°26N:0°02:158°42E±0°06,
h222km,1km,mb1.5/9,Error ellipse: s-maj=6.0km
s-min=2.9km az=81.2

MOS 11 16:48:35.9±0.8,54°27N:158°46E,h224km,mb4.0/26,
Error ellipse: s-maj=9.0km s-min=4.8km az=81.2

KRSC 11 16:48:35.1±1.1,54°13N:158°90E,h228km,9km,ML4.4
NEIC 11 16:48:36.9±0.3,54°29N:158°30E,h216km,4km,mb3.6/36,
Error ellipse: s-maj=7.4km s-min=3.7km az=154.0

IDC 11 16:48:37.2±0.4,54°36N:158°30E,h216km,4km,mb3.6/36,
mb1.3/7.4,mb1mx3.6/79,mbtmp4.2/40,Error ellipse:
s-maj=9.8km s-min=7.0km az=143.0

ISC 11 16:48:38.0±0.5,54°20N:0°03:158°60E±0°04,h221km,4km,
n217,±1182,mb4.0/60,8C-5D,Kamchatka Peninsula

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like KII Karymskiy, KII Karymskiy.

Table with columns: Station Name, Time, Azimuth, Elevation, Phase ID, and other parameters. Includes stations like KZV, Kizimen, SPN, Mys Shipunski, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Phase ID, and other parameters. Includes stations like BOD, IM3, KDRS, India Mountain, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Phase ID, and other parameters. Includes stations like ELU, Electric Lake, KOLON, Koldanda, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes header 'MAN 11 16:56:12.995N:123.05E, h18km, mb4.1, ML2.9, MS2.6, 2C-2D, Negros'.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes header 'IDC 11 16:58:52.7:2.2, 11.25N:125.48E, h0km, mb3.3/5, mb1.3/4.5, mb1mx3.2/5.4, mbtmp3.5/5, Ms3.1/5, Ms1.3/1.5, ms1mx2.8/2.2, Error ellipse: s-maj=216.2km s-min=19.7km az=67.0'.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MOTA Moosalm, WATA Walderalm, DAVA Damuels, KBA Koeleinbreinsper, OBKA Obir, SOKA Soboth, MBDF Montbardorn, MOA Mollin, PGF Pioggiola, CDF Champ du Feu, KHC Kasperske Hory, VIVF Saint-Julien, LOR Lormes, AVF Avril sur Loir.

ISCJB 11 18:26:06.0.0.5, 6.01S:0.09:105:22E:0.08, h114km, 5km, mb3.5/5, Error ellipse: s-maj=19.2km s-min=5.1km az=38.4

IDC 11 18:26:07.2.4.7, 5.70S:105:18E, h130km, 31km, mb3.3/5, mb1 3.5/7, mb1mx3.0/72, mbtmp3.8/7, Error ellipse: s-maj=92.4km s-min=21.0km az=51.0

DJA 11 18:26:07.8.0.5, 6.5S:101.5E, h89km, 6km, M3.7/8, MLV3.7/8

ISC 11 18:26:06.5.0.9, 6.01S:0.09:105:16E:0.07, h111km, 7km, n18, r177/28, mb3.5/5, Sunda Strait

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BLSI Bandar Lampung, CGIJ Cibinong, KASI Kota Agung, SBJJ Serang, KLI Kotabumi, LWLI Liwa, SKUJ Sukabumi, MDSI Maura Dua, LEM Lembang, MNAI Manna, CISI Cismpet, BATI Baumata, FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array, TXAR Lajitas Array.

IDC 11 18:28:49.7.1.5, 5.60S:141.96E, h0km, mb3.6/2,

mb1 3.7/5, mb1mx3.4/45, mbtmp3.5/5, ML3.5/2, Error ellipse: s-maj=40.5km s-min=15.5km az=109.0, New Guinea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PMG Port Moresby, CTA Charters Tower, WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, MKAR Makanchi Array, ILAR Epsilon Array.

ISCJB 11 18:32:30.6.0.4, 40.53N:0.02:25.98E:0.03, h10km, 4km, Error ellipse: s-maj=3.8km s-min=3.8km az=141.5

CSEM 11 18:32:30.7.0.1, 40.53N:25.96E, h10km, ML2.3, Error ellipse: s-maj=1.8km s-min=1.6km az=119.0

ATH 11 18:32:30.4, 40.52N:25.95E, h16km, 6km, ML1.5/4, Error ellipse: s-maj=6.9km s-min=1.0km az=312.0

ISK 11 18:32:30.0, 40.51N:25.97E, h12km, ML2.3/4

DDA 11 18:32:35.1, 40.44N:26.41E, h9km, ML2.6

ISC 11 18:32:30.8.0.8, 40.52N:0.02:25.96E:0.02, h14km, 7km, n34, r08/46/60, Aegean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ENEZ Enez, SMTH Samothraki Isl, ALN Alexandroupoli, GELI Tayfur-Gelibol, ERIK Erikl-Kesan, KESN Edirne-Kesan, RDO Rodhopi, LIA Limnos Island, BAYC CANAKKALE_Bayr, RYK Sarkoy-Tekirda, KRKB Karabiga-Canak, KAVA Kavala, SIGRI Sigiri, DDA 11 18:34:14.7, 37.68N:36.86E, h8km, ML2.5

CSEM 11 18:34:14.8.0.3, 37.74N:36.86E, h5km, ML2.2, Error ellipse: s-maj=6.3km s-min=4.8km az=164.0

ISK 11 18:34:14.4, 37.69N:36.86E, h14km, ML2.3

ISC 11 18:34:14.8, 37.70N:0.03:36.87E:0.02, h7km, 9km, n22, r05/39, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KMRS Kahramanmaras, HCB Kahramanmara, ANDN Andirin, KAMA Osmanlye, GAZ Gaziantep, SAIM ADANA, KOZT Kozan, KUZU Kuzuini, AKCD Akcadag.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AKO Adana, MALT Malatya, URFA Urfa, SURC SANLIURFA_SURC, SURC SANLIURFA_SURC.

NIED 11 18:35:00.37:40N.141:70E, h8km, Mw3.7 Best double couple: M04-25000x1014 NPT1=30.00000, S38.00000, 1-75.00000, NP2=234.00000, S54.00000,

ISCJB 11 18:35:01.1.1.0, 37.33N:0.03:141.69E:0.06, h23km, 6km, mb3.6/13, Error ellipse: s-maj=8.0km s-min=5.0km az=11.8

JMA 11 18:35:01.8.0.1, 37.37N:141.66E, h23km, 2km, M4.1 JMA Felt J1

IDC 11 18:35:07.1.3.2, 37.22N:141.47E, h55km, 30km, mb3.4/11, mb1 3.6/13, mb1mx3.4/63, mbtmp3.7/13, ML3.6/2, MS2.2/1, Ms1 2.2/1, ms1mx2.0/34, Error ellipse: s-maj=25.3km s-min=15.5km az=74.0

ISC 11 18:35:01.9.2.0, 37.38N:0.03:141.54E:0.06, h11km, 12km, n34, r142/38, mb3.6/13, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JFK Kawachi, JFW Iwakimizuishi, ONAJ Marumori, JMM Marumori, JFT Otama, JJO Ouri, JHO Hitachi, JHU Okura, JOU Shirataka, JYS Yanaizu, JFY Ichinoseki, JMK Ichinoseki, MJAR Mutsushiro Arr, MJAR Mutsushiro, MAT Matsuburo, MJAT Matsuburo, JHJ Hachijo jima 2, JHJ Ussuriysk Ar, KSRS Korea Array, MA2 Magadan, SEY Seymchan, SONM Songino Array, H11N2 WAKE ISLAND Hy 28.24 122, H11N1 WAKE ISLAND Hy 28.25 122, H11N3 WAKE ISLAND Hy 28.26 122, H11S1 WAKE ISLAND Hy 28.96 124, H11S2 WAKE ISLAND Hy 28.96 124, ZALV Zalesovs Beam, MKAR Makanchi Array, KURBS Kurchatov Arr, ILAR Epsilon Array, WRA Warramunga Arr, ASAR Alice Springs, YKA Yellowknife Ar, FINES FINESS Array B, AKASO Malin Array B, NVAR Minn Array Bea.

IDC 11 18:35:15.6.5.8, 19.79S:172.24W, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.6/42, mbtmp3.8/3, MS2.6/1, Ms1 2.6/1, s-min=51.2km az=150.0, Tonga Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, CTA Charters Tower, ASAR Alice Springs, WRA Warramunga Arr, BRR Keskin Array B.

RSNC 11 18:45:14.2.0.8, 3.54N:76.51W, h132km, 4km, ML3.2, Mw3.6, ID, Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YOTC Yotoco, Valle, MARP Paez Belalcaza, POPC Popayan, COJOL, PCON Cinco Dias, BETA Betania, PLMC San Jos del, SOTA Rioblanco, ANIL Santa Ana, PRAC Prado, RREC El Recreo, RREF RREF, CRUC La Cruz.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like MALT, ARTV, KAPI, MAK2, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like AKKB, KIEV, KIEV, KIEV, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like MDT, NB20, NOA, NOA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Resolution. Includes stations like SNPH, TBP, LLP, etc.

MAN 11 19:11:20, 9.85N x 123.20E, h32km, mb4.0, ML2.8, MS2.4, 1C, Negroes

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Resolution. Includes stations like H0B2N, H0B3N, H0B1N, etc.

11d 21h

Table with columns for station name, frequency, power, and other technical details. Includes stations like CMAR Chiang Mai, CHTO Chiang Mai, MBAR Mbarara, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like ZAK Baijiatuu, BJT Baijiatuu, BUR04 Bucovina Ar. S, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like ISCO Idaho Springs, O20A White River Ci, DGMT Dagmar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, FINES FINES Array B, HFS Hagfors.

MAN 11 21:14:06,9.90N:123.22E,h16km,mb4.3,ML3.2,MS2.9, 1C-3D, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNPH Sibulan, TBP Tagbilaran, LLLP Lapu-Lapu, GUIM Jordan, DCPH Dipolog City, JASL San Jose, Antil, MSLSL Maasin, RCP Roxas, OCLP Ormoc, OTRP Odiangon, BUSP Coron.

MAN 11 21:21:47,7.64N:124.79E,h27km,mb4.7,ML3.6,MS3.4, 2C, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BUKP Musuan, CTBH Cotabato-PC H, KCP Kidapawan, PAGZ Pagadian, BUTP Butuan, MSLSL Maasin.

ISCJB 11 21:30:41.3,0.7,15.14S:0.09:71.68W,0.07,h133km, mb3.7/4, Error ellipse: s-maj=15.3km s-min=6.3km az=34.7

ISC 11 21:30:42.7,1.3,15.16S:71.68W,h129km,13km,mb3.6/4, mb1 3.7/8, mb1mx3.4/44, mbtmp4.0/8, Error ellipse: s-maj=22.4km s-min=10.9km az=31.0

ISC 11 21:30:42.8,0.9,15.15S:0.1x71.62W,0.09,h133km,n16, c1948/18,mb3.7/4,Southern Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LPAZ La Paz, NNA Nana, NNA Nana, SIV San Ignacio, CPUV Villa Florida, SOTA Pingtung, HTOG Saladito, RREF El Recreo, RUSC La Rucia, PUERTO BERRIO, ZARC Zaragoza, Cauca, SDV Santo Domingo, PLCA Paso Flores, TORD Torodi Ar. Bea, YKA Yellowknife Ar, SONM Songoing Array.

ISC 11 21:37:01.4,2.9,48.28N:153.99E,h87km,25km,mb3.5/7, mb1 3.6/10, mb1mx3.2/66, mbtmp3.8/10, MS2.6/1, Ms1 2.6/1, ms1mx2.2/53, Error ellipse: s-maj=39.9km s-min=17.5km az=154.0

ISC 11 21:36:59.2,4.48N:0.4:153.8E:0.3,h35km,n16, c2317/17,mb3.7/7,Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PETK Petropavlovsk, ASAJ Asahikawa, USRK Ussuriysk Ar, KSRS Korea Array, H1N2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, MKAR Makanchi Array, KURBB Kurchatov Arra, FINES FINES Array B, HFS Hagfors, TXAR Lajitas Array.

ISC 11 21:43:40.8,1.5,5.79S:131.09E,h0km,mb3.9/1, mb1 4.0/4, mb1mx3.4/47, mbtmp3.8/4, ML3.9/3, Error ellipse: s-maj=55.3km s-min=28.4km az=74.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BATI Baumata, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, LPAZ La Paz.

ISC 11 21:54:52.6,1.4,1.10S:126.62E,h0km,mb3.5/4,

mb1 3.7/5, mb1mx3.5/59, mbtmp3.6/5, ML3.6/1, Error ellipse: s-maj=36.3km s-min=23.6km az=57.0

ISCJB 11 21:54:55.6,0.7,0.90S:0.05:126.86E:0.05,h34km, mb3.7/3, Error ellipse: s-maj=7.7km s-min=6.5km az=175.9

DJA 11 21:54:55.9,0.3,1.3S:3.12.7E:1, h10km, M3.7/6, MLV3.7/6

ISC 11 21:54:56.2,0.9,0.88S:0.06:126.97E:0.05,h34km,n11, c2508/16,mb3.8/3,Southern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LBMI Labuha, SANI Sanana, NLAI Namlea, AAI Ambon, LUWI Luwuk, SWI Sorong, SJI Sorong, SJI Sorong.

WRA Warramunga Arr 20.27 150 P P 21 59 28.8 -0.2

ASAR Alice Springs 23.63 164 P P 22 00 04.4 -0.1

STKA Stephens Creek 33.79 157 P P 22 01 35.8 +0.7

MKAR Makanchi Array 61.48 327 P P 22 05 10.9 +1.4

ISC 11 22:13:47.6,1.5,1.00N:125.42E,h0km,mb3.4/4, mb3.6/4, mb1mx3.3/54, mbtmp3.5/4, Error ellipse: s-maj=102.8km s-min=24.7km az=60.0, Northern Molucca Sea

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

ISC 11 22:18:57.4,16.0,18.20S:177.71W,h510km,138km, mb2.8/3, mb1 3.1/3, mb1mx2.8/40, mbtmp3.7/3, Error ellipse: s-maj=206.3km s-min=42.9km az=133.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, MKAR Makanchi Array, BRTR Keskin Array B, MMAI Mount Meron Ar, GERES GERES Array B, DAVOX Davos/Dschimat.

JMA 11 22:36:26.5,0.1,38.32N:141.92E,h45km,1km,M3.6, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JIO Ouri, JIO Ofunato, JFU Fukushima, JIK Ichinoseki, JMK Okura, JOU Okura, JMM Marumori, JOM Ohasama, JOM Kawauchi, JYK Kaneyama, JYS Shirataka, JRG Rokugo, JFT Otama.

ISCJB 11 22:40:54.7,1.3,14.0S:0.3:172.0E:0.3,h604km,mb3.8/6, mb1 3.6/5, mb1mx3.0/41, mbtmp4.2/7, Error ellipse: s-maj=52.9km s-min=19.5km az=132.0

ISC 11 22:40:55.6,2.2,1.21S:172.10E,h609km,27km,mb3.2/6, mb1 3.4/7, mb1mx3.0/41, mbtmp4.2/7, Error ellipse: s-maj=52.9km s-min=19.5km az=132.0

ISC 11 22:40:55.3,1.4,14.2S:0.3:172.1E:0.3,h604km,n8, c0575/9,mb3.9/6,Vanuatu Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, PETK Petropavlovsk, ILAR Eielson Array, YKA Yellowknife Ar, ARCES ARCES Array B.

ISK 11 22:41:32.1,38.68N:43.48E,h2km,ML2.2/5

CSEM 11 22:41:32.6,0.3,38.67N:43.49E,h10km,ML2.2, Error ellipse: s-maj=8.3km s-min=4.2km az=128.0

ISCJB 11 22:41:33.0,0.6,38.68N:0.04:43.48E:0.06,h12km,5km, Error ellipse: s-maj=9.5km s-min=4.3km az=35.3

DDA 11 22:41:33.1,38.69N:43.45E,h7km,ML2.5

ISC 11 22:41:32.5,1.1,38.65N:0.04:43.52E:0.05,h15km,8km, n22,c050/33,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VANB Van, TVAN Van, VMUR Van-Muradiye, GEVA Gevas, CLDR Caldian, CLDR Caldian.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CLDR Caldian, ADCV BITLIS Adilcev, ADCV BITLIS Adilcev, TUTA Tutak, TUTA Tutak, AGRB Hanur-Agry, AGRB Hanur-Agry, GURO Guromyak-BITLI, GURO Guromyak-BITLI, TASS TASSBURUN-IGDIR, TASS TASSBURUN-IGDIR.

PRU 11 22:45:25.29,4.7,23N:8.47E,h37km

IDC 11 22:45:26.4,2.3,47.13N:8.50E,h32km,16km,mb3.5/2, mb1 3.5/9, mb1mx3.2/62, mbtmp3.5/9, ML3.4/6, Error ellipse: s-maj=19.9km s-min=12.5km az=128.0

ZUR 11 22:45:26.8,4.7,15N:8.55E,h32km,ML4.2/4

CSEM 11 22:45:26.9,0.1,47.18N:8.52E,h30km,ML4.3/14, Error ellipse: s-maj=1.9km s-min=1.8km az=12.0

NEIC 11 22:45:26.9,0.0,47.15N:8.55E,h32km,ML4.2(ZUR), After ZUR

NEIC Felt (IV) at Emmen, Greifensee, Kloten, Langnau, Ruschlikon, Schwyz, Thayngen, Uster, Villmergen, Wollerau and Zug; (III) at Basel and in many parts of Aargau, Luzern, Schwyz, Zug and Zurich. Felt in much of Switzerland. Also felt at Blotzheim and Oltingue, France and in southern Baden-Wuerttemberg, Germany.

ROM 11 22:45:27.1,0.2,47.15N:8.51E,h26km,1km,M3.8/31, Error ellipse: s-maj=3.1km s-min=1.5km az=164.0

LDG 11 22:45:27.3,4.7,14N:8.58E,h32km

BGR 11 22:45:27.3,0.5,47.12N:8.54E,h10km,ML4.2/6, Error ellipse: s-maj=6.7km s-min=3.3km az=13.0

STR 11 22:45:28.2,0.1,47.18N:0.01:8.40E:0.01,h20km, MLV3.7/30

BNS 11 22:45:29.0,0.9,47.34N:8.61E,h20km,ML3.4

ISC 11 22:45:26.4,0.7,47.15N:0.01:8.54E:0.01,h31km,5km, n489,c280/658,mb3.5/3,48C-49D,Switzerland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SLUW Luzern Werkhof, SLUB Luzern Bramber, MUO Muotathal, MUO Muotathal, EWZT2 Wettswil, ZUR Degenried, ZUR Degenried, ZUR Degenried, ZUR Degenried, ZUR Degenried, ZUR Degenried, WILA Wila, WILA Wila, WILA Wila, WILA Wila, FLACH Flaach, LLS Linth-Limmern, LLS Linth-Limmern, HASLI Hasliberg/Brie, HASLI Hasliberg/Brie, SULZ Cheisacher, SULZ Cheisacher, SULZ Cheisacher, ACHB Acheberg, WEIN Weingarten, SGT03 Degersheim, SGT03 Degersheim, PANIX Pignin (Panix), PANIX Pignin (Panix), CUNA Curaglia, CUNA Curaglia, CURA Stauantage Cun, NALPS Val Nalps, NALPS Val Nalps, STEIN Stein am Rhein, PLONS PLONS/SG, PLONS PLONS/SG, PLONS PLONS/SG, PLONS PLONS/SG, GRIMS Grimsel Gerste, GRIMS Grimsel Gerste, BALST Balsthal, BALST Balsthal, BALST Balsthal, BALST Balsthal, SGT02 Zilischlacht, SGT02 Zilischlacht, SBUB Buchenberg Ma, SIBS Singen-Schiene, SIBS Singen-Schiene, RITOM Lago Ritom (SB), RITOM Lago Ritom (SB), SLE Schleitheim.

11d 22h

Table with columns for station name, frequency, power, and other technical details. Includes stations like SLE Schleitheim, SBUA2 Buchs, Altdo, and many others.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like BFO Ueberruh, UBER Oberstorf, and many others.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like CABF La Chapelle, HDH Heidenheim-Cha, and many others.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like WBG, TNS, GRFO, BGG, BGF, LOR, FACH, KBA, SBF, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like LMR, LMR, CRNS, BAIF, BEBN, OBKA, LAUG, SNF, TCF, LASF, LASF, PERS, PGF, ARSA, PRU, GOPC, CAF, CONA, CLL, BRG, RJF, RJJ, RJJ, UDBI, VRAC, VRAC, LFF, MTLF, MTLF, ZST, MFF, LDF, LDF, DPC, DPC, SMOL, FLN, FLN, GRR, GRR, MORC, MORC, SRO, OKC, VYHS, VYHS, EPF, EPF, SGMF, SGMF, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like SGMF, SGMF, LANS, LANS, PSZ, PSZ, STON, STON, QUIF, QUIF, SJPF, SJPF, ROSF, ROSF, KECS, KECS, CWF, CWF, STHS, STHS, VAE, VAE, EKA, EKA, ESDC, ESDC, FINES, FINES, BRTR, BRTR, MMAI, MMAI, TORO, TORO, WMQ, WMQ, YKA, YKA, HHC, HHC, HHC, HHC, CD2, CD2, MAN 11 22:53:11, 10'06N-123'31E, h33km, mb4.3, ML3.1, MS2.9, 1C, CEbu, TBP, TBP, LLP, LLP, SNPH, SNPH, GUIM, GUIM, CLIM, CLIM, MSLP, MSLP, ISCJB 11 22:55:21.4, 0.6, 20'82S; 0'03; 69'3W; 0.1, h118km, 5km, mb3, 1/2, Error ellipse: s-maj=17.0km s-min=5.6km az=178.7, GUC 11 22:55:21.7, 0.6, 20'82S; 69'15W, h108km, 3km, ML3.8, IDC 11 22:55:40.3; 7.5, 19'31S; 68'30W, h225km, 49km, mb3.0/2, La Pat 3 1/2, mb 1mx2, 9/36, mbmp3, 3/3, Error ellipse: s-maj=99.4km s-min=56.3km az=25.0, ISC 11 22:55:21.9, 0.9, 20'83S; 0'04; 69'2W; 0.1, h113km, 7km, n15, c079/24, 1C, Northern Chile, Code Station Name, Az, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BALY, DEMI, SIMA, KULA, KCTY, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MSLP, DCPH, BUK, DAVP, BATI, etc.

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

MAN 11 23:02:17, 10.05N-123.25E, h1km, mb4.2, ML3.0, MS2.7, 1C-1D, Cebu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TBP, SNPH, LLP, GUIM, RCP, MSLP, etc.

IDC 12 00:49:52.9, 5.1, 9.22S; 127.11E, h96km, m56km, mb2.8/1, m71 3.0/5, mb1mx2.8/48, mbtmp3.2/5, ML3.1/4, Error ellipse: s-maj=52.0km s-min=16.4km az=37.0, Tumor Sea

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

IDC 12 01:16:30.4+10.0, 16.41S; 167.75E, h0km, mb4.1/4, mb1 4.3/5, mb1mx3.8/42, mbtmp4.2/5, ML3.8/1, MS3.1/5, m-smin=39.9km az=69.0 Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DZM, CTM, PMG, STKA, WRA, ASAR, FITZ, BATI, NWAO, etc.

ISCJB 11 23:44:29.0, 0.9, 25.51S; 0.08-17.9; 2W.0.2, h250km, mb3.9/6, Error ellipse: s-maj=22.4km s-min=10.3km az=12.7

IDC 11 23:44:30.8, 3.6, 25.55S; 179.07W, h258km, 3.4km, mb3.7/6, mb1 3.9/8, mb1mx3.5/41, mbtmp4.4/8, Error ellipse: s-maj=42.1km s-min=22.1km az=147.0

ISC 11 23:44:29.8, 1.0, 25.65S; 0.1x179.0W, 0.2, h250km, n12, r146/13, mb3.9/6, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like URZ, AFI, CTA, STKA, ASAR, WRA, KSR, CMAR, HFS, HFS, AKASG, MMAI, BRTR, etc.

MAN 12 00:52:10, 14N-123.30E, h27km, mb4.0, ML2.8, MS2.4, 1D, Cebu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LLP, SNPH, GUIM, MSLP, etc.

IDC 12 01:28:42.1+14.0, 17.87S; 166.93E, h0km, mb3.6/3, mb1 3.8/4, mb1mx3.6/40, mbtmp3.7/6, ML3.4/1, Error ellipse: s-maj=238.5km s-min=37.7km az=66.0, Vanuatu Islands

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

MAN 12 00:57:21, 10.10N-123.30E, h30km, mb4.1, ML2.9, MS2.6, 1C-1D, Cebu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LLP, SNPH, GUIM, MSLP, etc.

IDC 12 01:33:03.7+1.6, 63.19S; 167.59E, h0km, mb3.9/3, mb1 4.3/5, mb1mx4.0/34, mbtmp4.2/5, ML3.8/2, MS3.7/18, Ms1 3.7/18, ms1mx3.6/29, Error ellipse: s-maj=52.2km s-min=34.5km az=73.0

ISC 12 01:33:03.6, 61.1, 63.55S; 0.1x167.5E, 0.4, h10km, n38, r085/8, mb4.1/3, MS3.6/16, Balleny Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Vnda, Vnda, RPZ, RPZ, URZ, STKA, DZM, H01W1, H01W2, H01W3, SNA, ASAR, ASAR, CTA, RAR, WRA, TBI, AFI, FITZ, HNR, PAE, PPT2, PPT2, VHT, VHT, TAEO, PLCA, LEM, BOSA, H08S2, H08S1, H08S3, LPZA, MATP, CMAR, ILAR, KBZ, BRTR, etc.

ISK 11 23:49:15.5, 37.73N; 37.85E, h5km, ML2.2/2

CSEM 11 23:49:16.7, 0.2, 37.75N; 37.84E, h2km, ML2.7, Error ellipse: s-maj=4.0km s-min=3.4km az=148.0

DDA 11 23:49:17.0, 37.73N; 37.81E, h8km, ML2.7

ISC 11 23:49:16.6, 1.2, 37.73N; 0.03-37.84E, 0.02, h2km, n12km, n22, r0946/38, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AKCD, MALT, GAZ, KMRS, URFA, URFA, HCB, DARE, DARE, SURC, SURC, KAMA, KUZU, KUZU, ANDN, ANDN, SAIM, SAIM, SAIM, etc.

CSEM 12 01:01:37.2, 38.68N; 29.07W, h2km, ML1.8

PDA 12 01:01:37.2, 1.0, 38.68N; 29.07W, h2km, gkm, MD3.5, ML1.8, Error ellipse: s-maj=11.0km s-min=6.8km az=68.0, Azores Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PCED, CALA, CALA, CALA, HOR, HOR, PCAN, PCAN, PICO, PICO, PICO, ROSA, ROSA, ROSA, PMAN, PMAN, PMAN, etc.

ISK 12 01:08:21.6, 38.75N; 43.37E, h19km, ML2.4/4

ISCJB 12 01:08:22.9, 0.4, 38.77N; 0.02-43.41E, 0.04, h13km, Error ellipse: s-maj=4.5km s-min=3.1km az=18.6

CSEM 12 01:08:22.1, 0.2, 38.78N; 43.44E, h20km, ML2.4, Error ellipse: s-maj=4.9km s-min=3.5km az=12.1

DDA 12 01:08:22.8, 38.77N; 43.39E, h7km, ML2.5

IDC 12 01:08:22.0, 0.8, 38.78N; 0.02-43.38E, 0.03, h13km, n30, r095/52, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VANB, VANB, VANB, ERV, ERV, ERV, TVAN, TVAN, TVAN, VMUR, VMUR, VMUR, BITLIS, BITLIS, BITLIS, GEVA, GEVA, GEVA, CLDR, CLDR, CLDR, etc.

IDC 11 23:54:03.5, 1.4, 10.21N; 123.54E, h0km, mb3.5/7, mb1 3.6/7, mb1mx3.5/55, mbtmp3.6/7, MS2.5/1, Ms1 2.5/1, ms1mx2.2/41, Error ellipse: s-maj=64.8km s-min=19.7km az=70.0

MAN 11 23:54:04, 10.24N; 123.33E, h28km, mb4.2, ML3.1, MS2.8

ISCJB 11 23:54:05.4, 0.7, 10.19N; 0.04-123.31E, 0.04, h22km, 6km, mb3.4/6, Error ellipse: s-maj=7.5km s-min=6.0km az=141.0

ISC 11 23:54:04.7, 1.2, 10.19N; 0.04-123.34E, 0.04, h8km, gkm, n16, r146/19, mb3.4/6, 1C-3D, Cebu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LLP, TBP, SNPH, GUIM, GUIM, JAP, MSLP, etc.

KRNET 12 03:07:41.5:0.1, 41°10'N:72°48'E, h16km, mb2.1
NWC 12 03:07:43.5:3.0, 41°08'N:72°51'E, h0km, mb2.5, mpv2.2,
Error ellipse: s-maj=31.6km s-min=17.3km az=65.0

ISC 12 03:07:41.8:1.3, 41°13'N:03:07:26.1E:0.03, h5km, 12km,
n20, c19140, 24C-10, Kyrgyzstan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ARSB Arslanbob, ARK Arkit, TOKL Toktogul, AML Almayashu, SFK Sufi-Kurgan, EKS2 Erkin-Say, UCH Uchtor, AAK Ala-Archa, IUG Iuzhnyy, KZA Kyzart, KBK Karagaybulak, KK31 Karatay Array, BRLS Borolday, TKM2 Tokmak 2, DGS Degeres, etc.

IDC 12 03:18:15.2:10.0, 30°20'S:179°12'W, h304km, 99km,
mb2.7/2, mb1 3.0/3, mb1mx2.9/38, mbtmp3.5/3, Error ellipse:
s-maj=94.9km s-min=49.6km az=14.0,
Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like URZ Urewera, ASAR Alice Springs, WRA Warramunga Arr, FINES FINESS Array B, etc.

IDC 12 03:19:14.2:2.4, 5°50'S:152°63'E, h0km, mb3.3/3,
mb1 3.7/3, mb1mx3.3/45, mbtmp3.3/3, Error ellipse:
s-maj=176.6km s-min=30.2km az=128.0, New Britain
region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, etc.

SJA 12 03:23:05.8:0.4, 31°58'S:70°04'W, h104km, 4km, ML2.8,
MW3.7, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RTLS Leoncito, AUSP Uspallata, RCTC Cerro Valdivia, etc.

MAN 12 03:34:22, 10°27'N:123°31'E, h29km, mb3.9, ML2.6, MS2.1,
ID, Cebu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LLLP Lapu-Lapu, GUIM Jordan, TBP Tagbilaran, etc.

SJA 12 03:35:29.5:0.5, 31°38'S:68°46'W, h105km, 3km, ML2.9,
MW3.5, San Juan Province

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SJA San Juan, AMOJ MIOGNA, RCTC Cerro Valdivia, etc.

Table with columns: RTLS, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Leoncito, Uspallata, Agrelo.

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

MEX 12 03:36:47.9:0.7, 14°28'N:94°37'W, h16km, 137km, MD3.9,
Off coast of Chiapas

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

MEX 12 03:39:57.1:0.7, 14°30'N:93°71'W, h20km, MD3.8, Near
coast of Chiapas

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

DJA 12 03:42:26.3:0.4, 8°53'S:10°7'E, h10km, M4.1/10,
ML4.1/10

ISCJB 12 03:42:27.0:7.8, 18°S:0°5:107°23'E:0.05, h46km,
mb3.8/6, MS2.3/1, Error ellipse: s-maj=8.8km s-min=5.7km

IDC 12 03:42:30.2:5.1, 8°03'S:107°14'E, h72km, 41km, mb3.5/7,
mb1 3.7/7, mb1mx3.4/60, mbtmp3.9/7, MS2.4/1, Ms1 2.6/1,
ms1mx2.2/46, Error ellipse: s-maj=63.5km s-min=15.0km
az=54.0

ISC 12 03:42:28.2:0.8, 8°11'S:108°107'25'E:0.06, h46km, n21,

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CISI, CNJI, SKJI, LEM, CGJI, UGJM, SMRI, KASI, PCJI, PWJI, MDSI, FITZ, CMAR, WRA, ASAR, STKA, SONM, MKAR, KURBB, BRTR, TXAR, etc.

CSEM 12 03:55:54.0:0.5, 34°76'N:23°09'E, h15km, ML3.6, Error
ellipse: s-maj=11.6km s-min=4.3km az=28.0

THE 12 03:55:55.8, 34°11'N:23°16'E, h8km, 1km, ML3.5/6, Error
ellipse: s-maj=1.7km s-min=0.7km az=54.0

ATH 12 03:55:56.9, 34°9'N:23°26'E, h62km, 7km, ML3.6/5, Error
ellipse: s-maj=8.1km s-min=6.1km az=211.0

ISCJB 12 03:55:57.0:2.7, 34°9'N:06°23'25E:0.05, h67km, 5km,
mb3.5/14, Error ellipse: s-maj=10.1km s-min=5.1km
az=26.0

IDC 12 03:55:58.9:1.8, 34°9'N:23°27'E, h61km, 16km, mb3.4/13,
mb1 3.5/18, mb1mx3.3/76, mbtmp3.7/18, MS3.0/7,
Ms1 3.0/7, ms1mx2.6/51, Error ellipse: s-maj=22.2km
s-min=11.9km az=2.0

ISC 12 03:55:59.1:0.1, 34°83'N:0°07'23'E:0.05, h58km, 8km,
n117, c192/126, mb3.6/14, MS2.9/4, Crete

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GVD, IMMV, IMMV, IMMV, VAM, YAM, etc.

Table with columns: MHLO, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Agia Marina, Plaka, Milos I, etc.

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

MEX 12 03:36:47.9:0.7, 14°28'N:94°37'W, h16km, 137km, MD3.9,
Off coast of Chiapas

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

MEX 12 03:39:57.1:0.7, 14°30'N:93°71'W, h20km, MD3.8, Near
coast of Chiapas

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

DJA 12 03:42:26.3:0.4, 8°53'S:10°7'E, h10km, M4.1/10,
ML4.1/10

ISCJB 12 03:42:27.0:7.8, 18°S:0°5:107°23'E:0.05, h46km,
mb3.8/6, MS2.3/1, Error ellipse: s-maj=8.8km s-min=5.7km

IDC 12 03:42:30.2:5.1, 8°03'S:107°14'E, h72km, 41km, mb3.5/7,
mb1 3.7/7, mb1mx3.4/60, mbtmp3.9/7, MS2.4/1, Ms1 2.6/1,
ms1mx2.2/46, Error ellipse: s-maj=63.5km s-min=15.0km
az=54.0

ISC 12 03:42:28.2:0.8, 8°11'S:108°107'25'E:0.06, h46km, n21,

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

IDC 12 04:07:50.6:4.4, 26°01'S:178°24'E, h636km, 46km, mb3.6/3,
mb1 3.6/6, mb1mx3.2/46, mbtmp4.6/6, Error ellipse:
s-maj=49.2km s-min=29.2km az=47.0, South of Fiji
Islands

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

ISCJB 12 04:10:00.3:2.5, 18°35'S:0°5:177°7'W:0.4, h550km, mb3.6/6,
Error ellipse: s-maj=80.5km s-min=23.5km az=141.6

IDC 12 04:10:01.1:9.0, 18°38'S:177°55'E, h552km, 84km, mb3.2/6,
mb1 3.5/6, mb1mx3.1/47, mbtmp4.1/6, Error ellipse:
s-maj=80.3km s-min=25.7km az=127.0

ISC 12 04:10:00.8:1.8, 18°45'S:0°4:177°6'W:0.3, h550km, n9,

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

Table with columns: WRA, ASAR, ASAR, MJAR, PETK, ILAR, YKA, BRTR, MMAI, GERES. Includes station names, coordinates, and various parameters like SNR, P, PcP, etc.

12d 14:18:59.9-0.7,38.00N:112.48W, h0km, mb3.7/4, m1 3.8/8, mb1mx3.5/7.5, mbtmp3.5/8, ML3.7/4, MS2.8/1, Ms1 2.8/1, ms1mx2.4/6.0, Error ellipse: s-maj=1.91km s-min=0.81km az=3.0

NEIC 12.04:18:59.0-0.0,37.86N:112.41W, h0km, MW3.6, ML3.5(SL3C), Moment Tensor Solution. s36 Moment tensor: Scale 10^14Nm; Mr=2.39, Mw=0.47; Ms=2.86; Mn=0.30; Mx=0.24; My=2.50; Best double couple: Ms3.70000x10^14 NP1.174.359.00000, d23.00000, l-86.00000, NP2.174.359.00000, s67.00000, l-92.00000. Principal axes: T 3.8800, Plg2.0000, Azm265.0000; N -0.4800, Plg2.0000, Azm174.0000; P -3.4000, Plg68.0000, Azm80.0000; After SLAC.

Table with columns: Code, Station Name, Az, Utz, Phase ID, Time Res, Res. Lists stations like MTPU, PKCU, PSUT, DUG, WUAZ, R11A, R11A, PV04, PV04, PV01, PV01, MVCO, MVCO, MVCO, TPNV, W18A, W18A, W18A, NEE2, SHOC, SHOC, TUQ, TUQ, HWUT, HWUT, HWUT, FURC, PDMCI, PDMCI, O20A, O20A, O20A, GRAC, GMRC, GMRC, IRM, IRM, GSC, S22A, DAC, DAC, MPMC, NVAR, NVAR, NVAR, NVAR, AHID, AHID, BW06, BW06, PDAAR, PDAAR, SDCO, SDCO, ANMO, ANMO, ANMO, ANMO, ANMO, ANMO.

Table with columns: ANMO, ISCO, ISCO, TUC, TUC, TUC, HLID, HLID, HLID, 214A, 214A, 214A, CMB, CMB, CMB, K22A, K22A, 121A, 121A, 121A, WVOR, WVOR, WVOR, KSCO, KSCO, KSCO, KSCO, MSTX, MSTX, RSSD, TXAR, TXAR, TXAR, TXAR, YKA, YKA, FINES, ESDD, AKASG, AKASG.

Table with columns: Code, Station Name, Az, Utz, Phase ID, Time Res, Res. Lists stations like MTPU, PKCU, PSUT, DUG, WUAZ, R11A, R11A, PV04, PV04, PV01, PV01, MVCO, MVCO, MVCO, TPNV, W18A, W18A, W18A, NEE2, SHOC, SHOC, TUQ, TUQ, HWUT, HWUT, HWUT, FURC, PDMCI, PDMCI, O20A, O20A, O20A, GRAC, GMRC, GMRC, IRM, IRM, GSC, S22A, DAC, DAC, MPMC, NVAR, NVAR, NVAR, NVAR, AHID, AHID, BW06, BW06, PDAAR, PDAAR, SDCO, SDCO, ANMO, ANMO, ANMO, ANMO, ANMO, ANMO.

Table with columns: Code, Station Name, Az, Utz, Phase ID, Time Res, Res. Lists stations like MTPU, PKCU, PSUT, DUG, WUAZ, R11A, R11A, PV04, PV04, PV01, PV01, MVCO, MVCO, MVCO, TPNV, W18A, W18A, W18A, NEE2, SHOC, SHOC, TUQ, TUQ, HWUT, HWUT, HWUT, FURC, PDMCI, PDMCI, O20A, O20A, O20A, GRAC, GMRC, GMRC, IRM, IRM, GSC, S22A, DAC, DAC, MPMC, NVAR, NVAR, NVAR, NVAR, AHID, AHID, BW06, BW06, PDAAR, PDAAR, SDCO, SDCO, ANMO, ANMO, ANMO, ANMO, ANMO, ANMO.

Table with columns: Code, Station Name, Az, Utz, Phase ID, Time Res, Res. Lists stations like MTPU, PKCU, PSUT, DUG, WUAZ, R11A, R11A, PV04, PV04, PV01, PV01, MVCO, MVCO, MVCO, TPNV, W18A, W18A, W18A, NEE2, SHOC, SHOC, TUQ, TUQ, HWUT, HWUT, HWUT, FURC, PDMCI, PDMCI, O20A, O20A, O20A, GRAC, GMRC, GMRC, IRM, IRM, GSC, S22A, DAC, DAC, MPMC, NVAR, NVAR, NVAR, NVAR, AHID, AHID, BW06, BW06, PDAAR, PDAAR, SDCO, SDCO, ANMO, ANMO, ANMO, ANMO, ANMO, ANMO.

Table with columns: Code, Station Name, Az, Utz, Phase ID, Time Res, Res. Lists stations like MTPU, PKCU, PSUT, DUG, WUAZ, R11A, R11A, PV04, PV04, PV01, PV01, MVCO, MVCO, MVCO, TPNV, W18A, W18A, W18A, NEE2, SHOC, SHOC, TUQ, TUQ, HWUT, HWUT, HWUT, FURC, PDMCI, PDMCI, O20A, O20A, O20A, GRAC, GMRC, GMRC, IRM, IRM, GSC, S22A, DAC, DAC, MPMC, NVAR, NVAR, NVAR, NVAR, AHID, AHID, BW06, BW06, PDAAR, PDAAR, SDCO, SDCO, ANMO, ANMO, ANMO, ANMO, ANMO, ANMO.

Table with columns: Code, Station Name, Az, Utz, Phase ID, Time Res, Res. Lists stations like MTPU, PKCU, PSUT, DUG, WUAZ, R11A, R11A, PV04, PV04, PV01, PV01, MVCO, MVCO, MVCO, TPNV, W18A, W18A, W18A, NEE2, SHOC, SHOC, TUQ, TUQ, HWUT, HWUT, HWUT, FURC, PDMCI, PDMCI, O20A, O20A, O20A, GRAC, GMRC, GMRC, IRM, IRM, GSC, S22A, DAC, DAC, MPMC, NVAR, NVAR, NVAR, NVAR, AHID, AHID, BW06, BW06, PDAAR, PDAAR, SDCO, SDCO, ANMO, ANMO, ANMO, ANMO, ANMO, ANMO.

Table with columns: Code, Station Name, Az, Utz, Phase ID, Time Res, Res. Lists stations like MTPU, PKCU, PSUT, DUG, WUAZ, R11A, R11A, PV04, PV04, PV01, PV01, MVCO, MVCO, MVCO, TPNV, W18A, W18A, W18A, NEE2, SHOC, SHOC, TUQ, TUQ, HWUT, HWUT, HWUT, FURC, PDMCI, PDMCI, O20A, O20A, O20A, GRAC, GMRC, GMRC, IRM, IRM, GSC, S22A, DAC, DAC, MPMC, NVAR, NVAR, NVAR, NVAR, AHID, AHID, BW06, BW06, PDAAR, PDAAR, SDCO, SDCO, ANMO, ANMO, ANMO, ANMO, ANMO, ANMO.

Table with columns: Code, Station Name, Az, Utz, Phase ID, Time Res, Res. Lists stations like MTPU, PKCU, PSUT, DUG, WUAZ, R11A, R11A, PV04, PV04, PV01, PV01, MVCO, MVCO, MVCO, TPNV, W18A, W18A, W18A, NEE2, SHOC, SHOC, TUQ, TUQ, HWUT, HWUT, HWUT, FURC, PDMCI, PDMCI, O20A, O20A, O20A, GRAC, GMRC, GMRC, IRM, IRM, GSC, S22A, DAC, DAC, MPMC, NVAR, NVAR, NVAR, NVAR, AHID, AHID, BW06, BW06, PDAAR, PDAAR, SDCO, SDCO, ANMO, ANMO, ANMO, ANMO, ANMO, ANMO.

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Table with columns: JHJ, TIXI, BRTR, WRA, ASAR, TORO. Includes station names, coordinates, and various parameters like SNR, P, PcP, etc.

12d 12:04:32:58.5-1.1,39.56N:51.47E, h0km, mb3.7/15, m1 3.8/20, mb1mx3.6/6.5, mbtmp3.7/20, ML1.9/2, MS2.9/2, Ms1 2.9/2, ms1mx2.3/5.9, Error ellipse: s-maj=2.02km s-min=1.21km az=176.0

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EYMN	Ely	80.59	34	PFAKE	LR	LR	04 53 20.0 +8.0
EYMN	comp-Z,288nm,19.0s						
G34A	Benson	80.67	38	P	P	P	04 53 12.1 -0.4
PSZ	Piszkesteto	80.71	326	eP	pmax	P	04 53 12.9 +0.2
PSZ	comp-Z,20nm,1.2s						
PSZ	comp-Z,553nm,19.0s			MLR	MLR		
PSZ	Piszkesteto	80.71	326	eP	P	P	04 53 12.9 +0.2
PSZ	comp-Z,20nm,1.2s						
PSZ	comp-Z,553nm,19.0s			LR	LR		
VYHS	Vyhne	80.73	327	eP	pmax	P	04 53 13.6 +0.9
VYHS	comp-Z,10.0nm,1.5s						
VYHS	Vyhne	80.73	327	eP	PP	P	04 53 13.6 +0.9
F35A	Swanville	80.73	37	P	P	P	04 53 12.6 -0.1
D37A	Cotton	80.77	35	P	P	P	04 53 12.3 -0.6
TUC	Tucson	80.82	56	eP	P	P	04 53 13.6 0.0
TUC	Tucson	80.82	56	eP	P	P	04 53 14.4 +0.8
TUC	comp-Z,17nm,1.1s						
TUC	comp-Z,462nm,19.0s			MLR	MLR		
TUC	comp-Z,17nm,1.1s						
TUC	comp-Z,462nm,19.0s			LR	LR		
C38A	Sawbill Land.	80.86	34	P	P	P	04 53 13.2 -0.2
E36A	McGregor	80.87	36	P	P	P	04 53 13.0 -0.4
BRG	Bergjesshubel	80.87	331	eP	P	P	04 53 13.3 -0.1
BRG	Bergjesshubel	80.87	331	eP	pmax	P	04 53 13.3 -0.1
BRG	comp-Z,5.7nm,1.0s						
CLL	Colim	80.88	331	iP	pmax	P	04 53 13.3 -0.1
CLL	comp-Z,13nm,0.9s						
CLL	comp-Z,500nm,18.4s			MLR	MLR		
CLL	comp-Z,13nm,0.9s						
CLL	i					04 53 15.8	
CLL	eS					04 53 28.0	
CLL	eSS					05 03 30.0 +1.0	
CLL	eSSS					05 09 36.0	
CLL	LmH					05 12 00.0	
CLL	comp-N,500nm,21.2s					05 27 00.0	
CLL	comp-E,600nm,19.4s			LmV		05 35 00.0	
PVCC	Panska Ves	80.90	330	eP	P	P	04 53 14.0 +0.5
PVCC	comp-Z,800nm,19.1s			MLR	MLR	04 53 26.1	
PVCC	Panska Ves	80.90	330	eP	sP	P	04 53 14.0 +0.5
PVCC	comp-Z,800nm,19.1s			AMS	AMS	04 53 26.1 +1.3	
PVCC	comp-Z,800nm,19.1s					05 37 30.0	
J32A	Parkston	80.92	41	P	P	P	04 53 13.7 -0.1
I33A	Coleman	80.96	40	P	P	P	04 53 13.9 -0.2
K31A	O'Neill	80.98	42	P	P	P	04 53 14.0 -0.2
VRAC	Vranov	81.05	328	iP	P	P	04 53 15.7 +1.3
VRAC	Vranov	81.05	328	iP	P	P	04 53 15.7 +1.3
KPL	Plockton	81.16	344	eP	P	P	04 53 15.4 +0.7
G35A	Watkins	81.25	38	P	P	P	04 53 15.5 0.0
ECS0	EROS Data Cent	81.28	40	P	P	P	04 53 15.6 -0.2
ECS0	EROS Data Cent	81.28	40	eP	P	P	04 53 15.1 -0.7
ECS0	comp-Z,26nm,1.1s						
ECS0	comp-Z,419nm,20.0s			LR	LR		
GOPC	GO Pecny, Ondr	81.30	330	eP	MLR	P	04 53 16.3 +0.6
GOPC	comp-Z,600nm,17.6s						
GOPC	GO Pecny, Ondr	81.30	330	eP	AMS	P	04 53 16.3 +0.6
GOPC	comp-Z,600nm,17.6s						
PRU	Pruhonice	81.34	330	eP	P	P	04 53 15.9 0.0
PRU	comp-Z,500nm,15.8s			MLR	MLR	04 53 30.6	
PRU	Pruhonice	81.34	330	eP	x	P	04 53 15.9 0.0
PRU	comp-Z,500nm,15.8s			AMS	AMS	04 53 30.6	
PRU	comp-Z,500nm,15.8s					05 33 20.0	
K32A	Verdige	81.36	41	P	P	P	04 53 15.9 -0.3
K30C	Kaye Shedlock	81.37	46	P	P	P	04 53 16.2 -0.2
J33A	Davis	81.40	40	P	P	P	04 53 15.8 -0.6
I34A	Hadley	81.44	39	P	P	P	04 53 16.6 0.0
H35A	Sunnyside Ranc	81.46	38	P	P	P	04 53 16.8 +0.1
TREC	Trest	81.51	329	eP	MLR	P	04 53 16.8 0.0
TREC	comp-Z,800nm,19.9s						
TREC	Trest	81.51	329	eP	AMS	P	04 53 16.8 0.0
TREC	comp-Z,800nm,19.9s						
E38A	The Farm, Brul	81.58	35	P	P	P	04 53 16.6 -0.6
G36A	St. Michael	81.58	37	P	P	P	04 53 16.6 -0.7
T25A	Trinidad	81.61	49	P	P	P	04 53 16.9 -0.9
F37A	Hinrichs Farm,	81.75	36	P	P	P	04 53 18.0 -0.2
ESY	Stoneypath	81.75	342	eP	P	P	04 53 18.4 +0.5
L32A	Elgin	81.81	42	P	P	P	04 53 18.5 0.0
ANMO	Albuquerque	81.84	52	P	P	P	04 53 19.1 0.0
ANMO	Albuquerque	81.84	52	iP	pmax	P	04 53 19.0 -0.1
ANMO	comp-Z,18nm,1.2s						
ANMO	Albuquerque	81.84	52	eP	P	P	04 53 20.1 +1.0
ANMO	comp-Z,357nm,19.0s			LR	LR		
K33A	Hardington	81.90	41	P	P	P	04 53 19.1 +0.1
EAB	Aberfoyle	81.92	343	eP	P	P	04 53 19.7 +0.9
F38A	Pierce - Schro	81.92	36	P	P	P	04 53 18.8 -0.2
J34A	George	81.94	40	P	P	P	04 53 19.1 -0.1
NKC	Novy Kostel	81.95	331	eP	MLR	P	04 53 19.6 +0.4
NKC	comp-Z,500nm,15.1s						
NKC	Novy Kostel	81.95	331	eP	AMS	P	04 53 19.6 +0.4
NKC	comp-Z,500nm,15.1s						
H36A	Jesseland, He	81.99	38	P	P	P	04 53 19.3 -0.1
I35A	Creekview Farm	82.00	39	P	P	P	04 53 18.9 -0.6
SPMN	Marine on St.	82.04	37	P	P	P	04 53 18.9 -0.8
L33A	Hoskins	82.07	41	P	P	P	04 53 19.4 -0.6
BGNE	Belgrade	82.16	42	P	P	P	04 53 20.0 -0.4
BGNE	Belgrade	82.16	42	eP	P	P	04 53 20.0 -0.4
RAYN	Ar Rayn	82.17	294	eP	P	P	04 53 20.6 -0.2
RAYN	comp-Z,8.8nm,0.8s						
RAYN	comp-Z,382nm,19.0s			LR	LR		

E39A	Mellen	82.20	35	P	P	P	04 53 19.7 -0.8
MDVR	Moldovita	82.23	323	iP	P	P	04 53 12.6 -8.2
J35A	Milford	82.25	39	P	P	P	04 53 20.6 -0.3
PGBU	Gleniferbraes	82.30	343	eP	P	P	04 53 21.7 +0.9
K34A	Le Mars	82.30	40	P	P	P	04 53 20.4 -0.7
I36A	Fitzsimmons Fa	82.36	38	P	P	P	04 53 21.4 0.0
F39A	Loretta	82.39	35	P	P	P	04 53 20.9 -0.6
KHC	Kasperske Hory	82.40	330	eP	pmax	P	04 53 21.1 -0.5
KHC	comp-Z,3.0nm,0.9s						
KHC	Kasperske Hory	82.40	330	eP	ex	P	04 53 21.8 +0.2
KHC	comp-Z,600nm,20.0s			AMS	AMS	05 03 36.5	
KHC	Kasperske Hory	82.40	330	eP			05 30 00.0
KHC	Kasperske Hory	82.40	330	eP	P	P	04 53 21.1 -0.5
EKA	Eskdalemuir Ar	82.42	342	P	P	P	04 53 21.8 +0.4
EKA	comp-Z,4.3nm,0.7s,baz=31,slo=5.6,SNR=16						
CONA	Conrad Observa	82.43	328	eP	LR	P	04 53 22.1 +0.3
E40A	Wakefield	82.44	34	P	P	P	04 53 21.7 -0.1
ESK	Eskdalemuir	82.44	342	PFAKE	LR	P	04 53 30.0 +8.4
H37A	Dierke Farm, C	82.47	37	P	P	P	04 53 21.6 -0.3
G38A	Ridgeland	82.53	36	P	P	P	04 53 22.0 -0.2
M33A	Taylor Creek F	82.54	42	P	P	P	04 53 21.8 -0.6
D41A	Chassel	82.55	33	P	P	P	04 53 21.8 -0.5
GERES	GERESS Array B	82.58	330	P	P	P	04 53 22.4 -0.1
GERES	comp-Z,1.8nm,0.8s,baz=31,slo=6.2,SNR=20						
GERES	comp-Z,596nm,20.5s,baz=33,slo=38						
ISP	Isparta	82.60	313	PFAKE	LR	P	04 53 30.0 +7.1
ISP	comp-Z,474nm,20.0s						
121A	Cookes Peak, D	82.61	54	P	P	P	04 53 23.2 +0.1
121A	comp-Z,37nm,1.4s						
I37A	Lenond Waseca	82.66	38	P	P	P	04 53 22.8 -0.1
L34A	Svensden Farm,	82.68	41	P	P	P	04 53 23.0 -0.1
H38A	Maiden Rock	82.70	37	P	P	P	04 53 22.9 -0.2
J36A	Seneca 1, Swea	82.71	39	P	P	P	04 53 23.3 +0.1
K35A	Storm Lake	82.71	40	P	P	P	04 53 22.6 -0.6
GRFO	Grafenberg	82.85	331	eP	pmax	P	04 53 24.3 +0.4
GRFO	comp-Z,15nm,1.0s						
GRFO	Grafenberg	82.85	331	eP			04 53 24.3 +0.4
CSS	Mathiatis	82.89	309	PFAKE	LR	P	04 53 40.0 +1.6
CSS	comp-Z,15nm,1.0s						
MMAI	Mout Meron Ar	82.92	307	P	P	P	04 53 25.9 +1.4
MMAI	comp-Z,10nm,0.6s,baz=52,slo=5.7,SNR=3.7						
N33A	J Bar K, Exete	83.00	42	P	P	P	04 53 24.0 -0.8
ARSA	Arzberg	83.11	328	eP	P	P	04 53 25.2 -0.1
J37A	Redenius Farm,	83.11	39	P	P	P	04 53 25.3 0.0
CBKS	Cedar Bluff	83.13	45	P	P	P	04 53 24.9 -0.7
CBKS	Cedar Bluff	83.13	45	PFAKE	LR	P	04 53 40.0 +1.4
MOA	Molin	83.15	329	eP	P	P	04 53 25.6 +0.1
I38A	Scanlan Farm,	83.15	37	P	P	P	04 53 24.9 -0.6
H39A	Augusta	83.16	36	P	P	P	04 53 25.1 -0.4
K36A	Gilmore City	83.16	39	P	P	P	04 53 24.9 -0.7
SCHO	Schefferville	83.21	18	LR	LR	P	05 31 59.9
G40A	Rib Lake	83.21	35	P	P	P	04 53 25.1 -0.7
GAL1	Galloway	83.21	343	eP	Iamb	P	04 53 26.1 +0.6
PPT	Papeete	83.31	119	LR	LR	P	05 23 02.0
PPT2	Papeete2	83.33	119	eP	S	P	05 03 42.9 -3.2
PPT2	Papeete2	83.33	119	eLR	LR	P	05 19 39.1
CLGH	Cloghs, Cushen	83.34	343	eP	Iamb	P	04 53 26.7 +0.5
F41A	Three Lakes	83.34	34	P	P	P	04 53 26.2 -0.2
M35A	Neoc	83.39	41	P	P	P	04 53 26.5 -0.3
N34A	Lincoln	83.43	42	P	P		

12d 4h

Table with columns: LPIG, La Paz, 86.44 62 LR, 05 29 14.3, etc. Lists various locations and their associated data points.

2012 FEB

Table with columns: Q45A Warren Harvey, 89.11 38 P, 04 53 54.2 -0.7, etc. Lists various locations and their associated data points.

666

Table with columns: SDV comp=Z,165nm,20.0s, 125.55 346 PFAKE, LR, 05 00 10.0 +8.7, etc. Lists various locations and their associated data points.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Norrel Spur, Armstrong Fami, White Oak Lake, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like V42A Cord, U35A Pawnee, U35A Pawnee, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like R42A Luebbering, Q35A Mercer Eighty, Q37A Longview Farm, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Rows include M39A Webster, M40A Post Highland, N44A Piper City, O47A Sheridan, M41A Milan, L34A Svendsen Farm, N51A State Center, N45A Kentland, M42A Sheffield, L36A Harm Buss Farm, OTAV Otavalo, L37A Phoenix Point, M43A Waltham Townsh, L38A Oak Wood Farm, MTPU Mount Pierson, N23A Red Feather La, O20A White River Ci, M44A Midewin, Midew, L40A Anomasa, Q16A Castle Valley, L41A Preston, L42A Oliver, Polo, PRAC Prado, K34A Le Mare, K36A Gilmore City, K32A Verdigre, K31A O'Neill, P18A Preston Nutter, K35A Storm Lake, SHPR Sheep Range, P17A Butcher Ranch, K38A Parkersburg, TMUT Trail Mountain, K37A Belmond, ACSO Alum Creek Sta, ACSO Alum Creek Sta, RUSC La Rusia, K41A Shultsburg, J34A George, J33A Davis, J36A Seneca, J32A Parkston, J37A Redenius Farm, JFW5 Jewell Farm, JFW5 Jewell Farm, PSUT Pine Spring, TPNV Topopah Spring, ECSD EROS Data Cent, ECSD EROS Data Cent, FURC Furnace Creek, J40A Soldiers Grove, J35A Creekview Farm, MPMC Manual Prospec, J41A Loganville, SDV Santo Domingo, SDV Santo Domingo, I34V Hadley, I37A Lemond, Waseca, I39A Houston, R11A Troy Canyon, C, H32A Carlson Farm, H36A Jessenland, He, H33A Prehn Over Nor, H35A Sunnyside Ranc, H39A Augustale, PNDAR Pinedale Array, RCTC ReCTOR, Farmer, G33A Ortonville, G34A Benson, G32A Webster, SPMN Marine on St, NV11 Mina Array Sit, NV01 Mina Array Sit, NV01 Mina Array Sit, NVAR Mina Array Bea, SNOW Snow King Mound, SNOW Snow King Mound, COWI Conover, HLID Hailey, CRMT Chrome Mountai, EYMN Ely, AGMN Agassiz Nation, AGMN Agassiz Nation, SADO Sadowa, DLMT Dillon, J08A Circle Bar

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Rows include ULM Lac du Bonnet, YBH Yreka Blue Hor, Y10A Beach Ranch, SCHO Schefferville, SCHO Schefferville, LPAZ La Paz, LPAZ La Paz, YKA Yellowstone Ar, INK Inuvik, INK Inuvik, CPUP Villa Florida, IL1 Eielson Array, ILAR Eielson Array, TRF Thorofare Moun, TOLK Toolik Lake Re, PLCA Paso Flores, PLCA Paso Flores, EKA Eskdalemuir Ar, ESDC Sonteca Array, ES19 SONSECA Array, NB2 NORSAR Subarra, NOA NORSAR Array B, NOA NORSAR Array B, ARCES ARCES Array B, TIXI Tiksi, TIXI Tiksi, HHC Ho-hao-tse, KSH Kashi, KSH Kashi, KSH Kashi, KSH Kashi, KSH Kashi, KSH Kashi, LZH Lanzhou, LZH Lanzhou, STKA Stephens Creek, CD2 Chengdu, WRA Warrungama Arr, ASAR Alice Springs, HYB Hyderabad

ISCJ 12 05:59:32.1-0.5, 36.02N, 0.04-71.26E, 0.06, h102km, mb3.8/E, Error ellipse: s-maj=7.6km s-min=4.7km az=159.8

ISC 12 05:59:32.9-3.2, 36.10N, 71.15E, h82km, 27km, mb3.6/9, mb1.3/7.14, mb1mx3.3/7.1, mbtmp3.9/14, Error ellipse: s-maj=22.9km s-min=18.8km az=145.0

NNC 12 05:59:37.8-3.3, 36.83N, 70.56E, h0km, mb4.2, mpv3.9, Error ellipse: s-maj=31.4km s-min=20.2km az=147.0

ISC 12 05:59:39.9-0.7, 36.12N, 0.07-71.09E, 0.07, h102km, mb4.0, az=20/46, mb4.0/8, 6C-6D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Rows include SFK Sufi-Kurgan, AML Almayush, MNAS Manas, MNAS Manas, UCH Uchtor, KZA Kyzyl, EK22 Erkin-Say, KK31 Karatay Array, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, CHMS Chumysh, USP Oспенновка, TKM2 Tokmak 2, TKM2 Tokmak 2, GEYT Alibek, PYUN Piuthan, KOLN Koldanda, MKAR Makanchi Array, DMN Dmanisi, KKN Kakani, PKIN Pulchoki, PKI Pulchoki, GUN Gumbulak, JIRN Jiri, AB31 Akbulak array, KURBB Kurchatov Arr, RAMN Ramite, TAPN Tappejlung, BVA0 Borovoye Array, AKTO Aktyubinsk, AKTO Aktyubinsk, ZALV Zalesovo Beam, FINES FINESS Array B

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Rows include ARCES ARCES Array B, HFS Hagfors, NOA NORSAR Array B, TORO Toron Ar, BOSA Boshof, YKA Yellowstone Ar, WRA Warrungama Arr

IDC 12 06:01:46.6-0.9, 12.19N, 92.89E, h0km, mb3.7/11, mb1.3/8.12, mb1mx3.6/7.0, mbtmp3.6/12, Error ellipse: s-maj=31.9km s-min=17.8km az=55.0

ISCJ 12 06:01:50.5-0.8, 12.19N, 0.10-92.94E, 0.08, h41km, mb3.0/11, Error ellipse: s-maj=14.6km s-min=10.9km az=154.5

ISC 12 06:01:52.6-0.9, 12.33N, 0.1-92.77E, 0.08, h41km, n13, az=207/17, mb3.6/11, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Rows include CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, VIS Vishakhapatnam, VIS Vishakhapatnam, MKAR Makanchi Array, SONM Sonmarg, KURBB Kurchatov Arr, ZALV Zalesovo Beam, WRA Warrungama Arr, WRA Warrungama Arr, ASAR Alice Springs, AKASG Malin Array B, FINES FINESS Array B, HERES Heron Array B, GRES Hagfors, ILAR Eielson Array

IDC 12 06:10:18.7-2.4, 54.27N, 86.18E, h0km, mb1.3/2.2, mb1mx2.9/7.5, mbtmp3.2/2, ML2.8/2, 4C, Error ellipse: s-maj=19.0km s-min=12.6km az=47.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Rows include I46RU Zalesovo INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURK Kurchatov, KURK Kurchatov, KURBB Kurchatov Arr, KURBB Kurchatov Arr, MK31 Makanchi Array, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array

BUI 12 06:28:53.3, 4.32S, 132.74E, h18km, mb4.7/30, mb4.9/15, Ms4.4/3, Ms7.4/32

IDC 12 06:28:54.1-0.7, 4.11S, 132.49E, h0km, mb4.1/10, mb1.4/3.13, mb1mx4.0/5.3, mbtmp4.2/13, ML3.7/3, MS3.6/12, Ms1.3/6.12, ms1mx3.2/4.6, Error ellipse: s-maj=29.1km s-min=15.5km az=61.0

ISCJ 12 06:28:56.5-0.3, 4.31S, 0.03-132.46E, 0.03, h33km, mb4.5/29, MS3.6/10, Error ellipse: s-maj=4.7km s-min=4.4km az=149.0

DJA 12 06:28:57.5-1.5, 4.5S, 132.2E, h13km, M5.1/6, mb5.3/5, mb5.6/3, MLv5.0/6, Mw/m35, 1/3

NEIC 12 06:28:58.7-0.3, 4.23S, 132.44E, h35km, mb4.7/14, Error ellipse: s-maj=8.2km s-min=5.7km az=49.0

ISC 12 06:28:59.0-0.4, 4.21S, 0.04-132.46E, 0.05, h35km, n86, az=208/85, mb4.6/29, MS3.6/10, Indian Jaya region

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Rows include FAKI Fak Fak, FAKI Fak Fak, FAKI Fak Fak, KMPI Kaimama, BNDI Bandanaira, RKPI Ransiki, SIJI Sorong, SIJI Sorong, SUI Sui, SAUI Saumlaki, AAI Ambon, NLAI Namlea, LBMI Labuha, SMPI Samri, SANI Sanana, GENI Genyem, JAY Jayapura, MTN Mantong Dam, MTN Mantong Dam, SOEI Soe, SOEI Soe, LUWI Luwuk, BATI Bautama, BATI Bautama, MMRI Maumere, MMRI Maumere, SPSI Sidrap Palu, KAPI Kappang, MPFI Mapaga, COEN Coenen, PMG Port Moresby, PMG Port Moresby, WRAB Tennant Creek, WRAB Tennant Creek, WRA Warrungama Arr, WRA Warrungama Arr

AAK	Ala-Archa	2.92	56	↑Pn	Pg	07 25 17.8	-2.1
AAK	Ala-Archa			↓Sn	Sg	07 25 57.5	-0.3
AAK	Ala-Archa	2.92	56	↑P	Pb	07 25 16.0	-0.4
AAK	Ala-Archa			↑S	Sb	07 25 51.6	-0.9

CSEM 12 07:48:21.1±0.0, 44°14'N-12°35'E, h30km, ML3.7/24, Error ellipse: s-maj=2.4km s-min=2.1km az=86.0
ROM 12 07:48:21.0±0.1, 44°13'N-12°38'E, h31km, ML3.3/45, Error ellipse: s-maj=2.1km s-min=1.6km az=61.0
LDG 12 07:48:21.1±0.2, 44°10'N-12°51'E, h30km, ML3.3/15, Error ellipse: s-maj=4.0km s-min=2.9km az=64.0
PRU 12 07:48:25.7, 44°65'N-12°28'E, h0km
STR 12 07:48:28.1±0.6, 44°33'N-10°03'11"25E±0.05, h5km, MLV3.4/10

Code	Station Name	Δ ^A	AZ ^Z	Phase ID	ISC	Time	Res
CPGN	Carpegna, Ital	0.32	183	↑P	Pg	07 48 29.2	+0.1
CPGN	Carpegna, Ital			↓S	Sg	07 48 36.2	+0.8
CPGN	Carpegna, Ital	0.32	183	↑P	Pg	07 48 29.2	+0.1
CPGN	Carpegna, Ital			↓S	Sg	07 48 36.2	+0.8
PESA	Pesaro	0.40	117	↑P	Pg	07 48 30.0	-0.1
PESA	Pesaro			↓S	Sg	07 48 37.1	0.0
PESA	Pesaro	0.40	117	↑P	Pg	07 48 30.0	-0.1
PESA	Pesaro			↓S	Sg	07 48 37.1	0.0
SFI	Santa Sofia	0.42	239	↑P	Pg	07 48 30.2	-0.2
SFI	Santa Sofia			↓S	Sg	07 48 37.7	0.0
SFI	Santa Sofia	0.42	239	↑P	Pg	07 48 30.2	-0.2
SFI	Santa Sofia			↓S	Sg	07 48 37.7	0.0
PARC	Parchiule	0.48	189	↑P	Pg	07 48 30.9	-0.4
PARC	Parchiule			↓S	Sg	07 48 38.8	+0.4
PARC	Parchiule	0.48	189	↑P	Pg	07 48 30.9	-0.4
PARC	Parchiule			↓S	Sg	07 48 38.8	+0.4
IMOL	Imola, Italy	0.49	299	↑P	Pg	07 48 32.9	+1.0
IMOL	Imola, Italy			↓S	Sg	07 48 32.9	+1.0
FSSB	Fossombrone	0.53	144	↑P	Pg	07 48 31.8	-0.3
FSSB	Fossombrone			↓S	Sg	07 48 41.3	+0.9
FSSB	Fossombrone	0.53	144	↑P	Pg	07 48 31.8	-0.3
FSSB	Fossombrone			↓S	Sg	07 48 41.3	+0.9
CRE	Caprese Michel	0.58	210	↑P	Pg	07 48 32.6	-0.4
CRE	Caprese Michel			↓S	Sg	07 48 42.6	+0.9
CRE	Caprese Michel	0.58	210	↑P	Pg	07 48 32.6	-0.4
CRE	Caprese Michel			↓S	Sg	07 48 42.6	+0.9
VMG	Vicchio	0.60	255	↑P	Pg	07 48 33.4	+0.2
VMG	Vicchio			↓S	Sg	07 48 33.4	+0.2
PIEI	Pieia	0.60	167	↑P	Pg	07 48 32.6	-0.7
PIEI	Pieia			↓S	Sg	07 48 42.3	+0.1
PIEI	Pieia	0.60	167	↑P	Pg	07 48 32.6	-0.7
PIEI	Pieia			↓S	Sg	07 48 42.3	+0.1
BADI	Badiali	0.62	187	↑P	Pg	07 48 33.0	-0.5
BADI	Badiali			↓S	Sg	07 48 43.3	+0.8
BADI	Badiali	0.62	187	↑P	Pg	07 48 33.0	-0.5
BADI	Badiali			↓S	Sg	07 48 43.3	+0.8
ATPC	Poggio Castell	0.65	173	↑P	Pg	07 48 33.6	-0.4
ATPC	Poggio Castell			↓S	Sg	07 48 44.1	+0.8
ATPC	Poggio Castell	0.65	173	↑P	Pg	07 48 33.6	-0.4
ATPC	Poggio Castell			↓S	Sg	07 48 44.1	+0.8
FRON	Frontone	0.67	156	↑P	Pg	07 48 33.8	-0.5
FRON	Frontone			↓S	Sg	07 48 44.8	+1.1
FRON	Frontone	0.67	156	↑P	Pg	07 48 33.8	-0.5
FRON	Frontone			↓S	Sg	07 48 44.8	+1.1
ATMC	Monte Cedrone	0.69	189	↑P	Pg	07 48 34.2	-0.5
ATMC	Monte Cedrone			↓S	Sg	07 48 34.2	-0.5
ATVO	AVT- Monte Val	0.74	177	↑P	Pg	07 48 35.2	-0.2
ATVO	AVT- Monte Val			↓S	Sg	07 48 46.9	+1.3
ATVO	AVT- Monte Val	0.74	177	↑P	Pg	07 48 35.2	-0.2
ATVO	AVT- Monte Val			↓S	Sg	07 48 46.9	+1.3
SENI	Senigallia	0.77	123	↑P	Pg	07 48 36.9	+1.0
SENI	Senigallia			↓S	Sg	07 48 36.9	+1.0
SENI	Senigallia	0.77	123	↑P	Pg	07 48 36.9	+1.0
SENI	Senigallia			↓S	Sg	07 48 36.9	+1.0
FIU	Minerbio Fiu	0.80	310	↑P	Pg	07 48 38.2	+1.7
FIU	Minerbio Fiu			↓S	Sg	07 48 38.2	+1.7
CAFI	Castiglione Fio	0.84	199	↑P	Pg	07 48 37.3	+0.1
CAFI	Castiglione Fio			↓S	Sg	07 48 37.3	+0.1
CAFI	Castiglione Fio	0.84	199	↑P	Pg	07 48 37.3	+0.1
CAFI	Castiglione Fio			↓S	Sg	07 48 37.3	+0.1
FIR	Firenze	0.86	246	↑P	Pg	07 48 38.8	+1.2
FIR	Firenze			↓S	Sg	07 48 38.8	+1.2
FIR	Firenze	0.86	246	↑P	Pg	07 48 38.8	+1.2
FIR	Firenze			↓S	Sg	07 48 38.8	+1.2
FNVD	Fontana Vidola	0.88	273	↑P	Pg	07 48 38.8	+0.8
FNVD	Fontana Vidola			↓S	Sg	07 48 38.8	+0.8
FNVD	Fontana Vidola	0.88	273	↑P	Pg	07 48 38.8	+0.8
FNVD	Fontana Vidola			↓S	Sg	07 48 38.8	+0.8
PTF	Prato	0.94	260	↑P	Pg	07 48 39.5	+0.7
PTF	Prato			↓S	Sg	07 48 39.5	+0.7
PTF	Prato	0.94	260	↑P	Pg	07 48 39.5	+0.7
PTF	Prato			↓S	Sg	07 48 39.5	+0.7
CING	Cingoli	0.97	140	↑P	Pg	07 48 39.3	-0.1
CING	Cingoli			↓S	Sg	07 48 39.3	-0.1
CING	Cingoli	0.97	140	↑P	Pg	07 48 39.3	-0.1
CING	Cingoli			↓S	Sg	07 48 39.3	-0.1
CRMI	Carmignano	1.05	252	↑P	Pg	07 48 41.0	+0.3
CRMI	Carmignano			↓S	Sg	07 48 41.0	+0.3
CRMI	Carmignano	1.05	252	↑P	Pg	07 48 41.0	+0.3
CRMI	Carmignano			↓S	Sg	07 48 41.0	+0.3
RAVA	Ravarino	1.08	306	↑P	Pg	07 48 42.0	+0.8
RAVA	Ravarino			↓S	Sg	07 48 42.0	+0.8
RAVA	Ravarino	1.08	306	↑P	Pg	07 48 42.0	+0.8
RAVA	Ravarino			↓S	Sg	07 48 42.0	+0.8
CESI	CESI - Serrava	1.19	160	↑P	Pg	07 48 42.7	-0.4
CESI	CESI - Serrava			↓S	Sg	07 48 42.7	-0.4
CESI	CESI - Serrava	1.19	160	↑P	Pg	07 48 42.7	-0.4
CESI	CESI - Serrava			↓S	Sg	07 48 42.7	-0.4
MGAB	Montegabbione	1.22	188	↑P	Pg	07 48 43.0	+1.0
MGAB	Montegabbione			↓S	Sg	07 48 43.0	+1.0
MGAB	Montegabbione	1.22	188	↑P	Pg	07 48 43.0	+1.0
MGAB	Montegabbione			↓S	Sg	07 48 43.0	+1.0
FROS	Frosini	1.26	224	↑P	Pg	07 48 43.3	+0.8
FROS	Frosini			↓S	Sg	07 48 43.3	+0.8
FROS	Frosini	1.26	224	↑P	Pg	07 48 43.3	+0.8
FROS	Frosini			↓S	Sg	07 48 43.3	+0.8
BDI	Bagni Di Lucca	1.26	268	↑P	Pg	07 48 43.9	-0.4
BDI	Bagni Di Lucca			↓S	Sg	07 48 43.9	-0.4
BDI	Bagni Di Lucca	1.26	268	↑P	Pg	07 48 43.9	-0.4
BDI	Bagni Di Lucca			↓S	Sg	07 48 43.9	-0.4
TEOL	Teolo	1.33	339	↑P	Pg	07 48 43.4	0.0
TEOL	Teolo			↓S	Sg	07 48 43.4	0.0
TEOL	Teolo	1.33	339	↑P	Pg	07 48 43.4	0.0
TEOL	Teolo			↓S	Sg	07 48 43.4	0.0
MAIM	Mastiano	1.35	262	↑P	Pg	07 48 44.8	+1.0
MAIM	Mastiano			↓S	Sg	07 48 44.8	+1.0
MAIM	Mastiano	1.35	262	↑P	Pg	07 48 44.8	+1.0
MAIM	Mastiano			↓S	Sg	07 48 44.8	+1.0
NRCA	Norcia	1.41	156	↑P	Pg	07 48 46.3	-0.5
NRCA	Norcia			↓S	Sg	07 48 46.3	-0.5
NRCA	Norcia	1.41	156	↑P	Pg	07 48 46.3	-0.5
NRCA	Norcia			↓S	Sg	07 48 46.3	-0.5
VLC	Villacollemand	1.41	272	↑P	Pg	07 48 46.1	-0.7
VLC	Villacollemand			↓S	Sg	07 48 46.1	-0.7
VLC	Villacollemand	1.41	272	↑P	Pg	07 48 46.1	-0.7
VLC	Villacollemand			↓S	Sg	07 48 46.1	-0.7

ARCI	Arcidosso	1.42	207	↑P	Pg	07 48 45.6	+0.8
ARCI	Arcidosso			↓S	Sg	07 48 45.6	+0.8
ARCI	Arcidosso	1.42	207	↑P	Pg	07 48 45.6	+0.8
ARCI	Arcidosso			↓S	Sg	07 48 45.6	+0.8
MCIV	Monte Civitelli	1.43	200	↑P	Pg	07 48 46.0	+1.1
MCIV	Monte Civitelli			↓S	Sg	07 48 46.0	+1.1
MCIV	Monte Civitelli	1.43	200	↑P	Pg	07 48 46.0	+1.1
MCIV	Monte Civitelli			↓S	Sg	07 48 46.0	+1.1
TRIF	Trifonzi	1.46	227	↑P	Pg	07 48 46.2	+1.0
TRIF	Trifonzi			↓S	Sg	07 48 46.2	+1.0
TRIF	Trifonzi	1.46	227	↑P	Pg	07 48 46.2	+1.0
TRIF	Trifonzi			↓S	Sg	07 48 46.2	+1.0
GUMA	Gualdo di Zacc	1.57	132	↑P	Pg	07 48 44.7	-2.0
GUMA	Gualdo di Zacc			↓S	Sg	07 48 44.7	-2.0
GUMA	Gualdo di Zacc	1.57	132	↑P	Pg	07 48 44.7	-2.0
GUMA	Gualdo di Zacc			↓S	Sg	07 48 44.7	-2.0
MTLO	Montello	1.70	354	↑P	Pg	07 48 48.4	-0.1
MTLO	Montello			↓S	Sg	07 48 48.4	-0.1
MTLO	Montello	1.70	354	↑P	Pg	07 48 48.4	-0.1
MTLO	Montello			↓S	Sg	07 48 48.4	-0.1
MARN	Marana (Italy)	1.71	332	↑P	Pg	07 48 48.9	+0.1
MARN	Marana (Italy)			↓S	Sg	07 48 48.9	+0.1
MARN	Marana (Italy)	1.71	332	↑P	Pg	07 48 48.9	+0.1
MARN	Marana (Italy)			↓S	Sg	07 48 48.9	+0.1
MARN	Marana (Italy)	1.71	332	↑P	Pg	07 48 48.9	+0.1
MARN	Marana (Italy)			↓S	Sg	07 48 48.9	+0.1
ROVR	Rovera Verona	1.77	330	↑P	Pg	07 48 49.7	+0.1
ROVR	Rovera Verona			↓S	Sg	07 48 49.7	+0.1
ROVR	Rovera Verona	1.77	330	↑P	Pg	07 48 49.7	+0.1
ROVR	Rovera Verona			↓S	Sg	07 48 49.7	+0.1</

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

NIED 12 08:26:00.36:30N/141.00E, h20km, Mw4.0. Best double couple: M=1.30000+0.1015 NP1.36200000, delta 000000, lambda 58.000000, NP2.209.000000, delta 300000, lambda 94.000000.

ISCJB 12 08:26:03.0:0.7, 36:32N/143.141:03E, h25km, 4km, mb3.9/15, Error ellipse: s-maj=6.7km s-min=4.8km az=10.8

JMA 12 08:26:04.0:0.1, 36:32N/140.97E, h30km, 1km, M3.9 JMA Felt II J1.

ISC 12 08:26:05.0:0.7, 36:26N/140.82E, h30km, 4km, mb3.7/14, mb1.3/9.16, mb1mx3.7/73, mbtmp3.9/16, ML3.7/2, MS2.6/3, Ms1.2/6.3, ms1mx2.4/70, Error ellipse: s-maj=17.4km s-min=14.6km az=120.0

ISC 12 08:26:05.0:3.0, 36:35N/140.93E, h27km, 4km, n33, c/192/44, mb4.0/15, Near east coast of eastern Honshu

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

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

ISC 12 08:27:33.4:2.0, 1:19N:125:85E, h0km, mb3.4/3, mb1.3/6.3, mb1mx3.2/61, mbtmp3.4/3, Error ellipse: s-maj=171.4km s-min=26.1km az=65.0, Northern Molucca Sea

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

ISC/CJB 12 08:28:58.5:1.0, 7:34S:107:105:50E:0:06, h56km, mb3.4/3, Error ellipse: s-maj=12.6km s-min=6.3km az=38.1

ISC 12 08:28:59.4:1.2, 7:33S:107:105:52E:0:08, h56km, n10, c/192/14, mb3.3/3, Jaws

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

JMA 12 08:30:45.9:0.3, 43:27N/146:90E, h45km, 4km, M2.6

ISC/CJB 12 08:30:46.0:1.3, 43:41N:146:95E:0:08, h45km, 19km, Error ellipse: s-maj=14.1km s-min=7.3km az=151.8

SKHL 12 08:30:47.1:0.5, 43:43N:146:95E, h40km, 1km, mb3.7/3

ISC 12 08:30:45.9:2.2, 43:38N:146:94E:0:08, h30km, 12km, n11, c/95/21, Kuril Islands

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

CSEM 12 08:37:12.8, 39:49N:29:77W, h10km, ML2.7

PDA 12 08:37:12.8:1.1, 0.39:49N:29:77W, h10km, MD3.6, ML2.7, Azores Islands

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

ISC/CJB 12 08:46:01.0:2.2, 29:55S:176:9W:0:2, h31km, mb3.7/3, Error ellipse: s-maj=37.3km s-min=15.4km az=36.6

ISC 12 08:46:04.9:4.8, 29:43S:177:08W, h40km, 32km, mb3.5/3, mb1.3/8.4, mb1mx3.5/39, mbtmp3.8/4, ML4.0/1, Error ellipse: s-maj=42.2km s-min=39.8km az=152.0

ISC 12 08:46:03.5:1.4, 29:55S:177:0W:0:1, h31km, n14, c/641/9, mb3.6/3, Kermadec Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ASAR, WRA, H10S3, etc.

NEIC 12 08:49:33.4:0.0, 38:77S:179:45W, h33km, ML4.1 (WEL), After WEL

WEL 12 08:49:34.8, 39:59S:18:0W:0:1, h33km, ML4.0/15, East of North Island

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ETAZ East Tamaki Re, CAW Cannon Point, MHEZ Mangahewa, etc.

ISCJB 12 08:52:51.7-0.5, 7:0S; 0.05x128.83E; 0.07, h350km, mb3.3/2, Error ellipse: s-maj=10.3km s-min=6.5km

DJA 12 08:52:52.1-0.6, 6'S; 5.12'E; h338km, 8km, M4.3/6, mb4.3/4, mb4.7/3, MLv4.4/6, Mw(MB)3.9/3, IDC 12 08:52:52.5-1.6, 5.82S; 128.79E; h333km, 17km, mb3.0/2, mb1.3/1.5, mb1mx2.7/5.6, mbtmp3.8/5, Error ellipse: s-maj=23.7km s-min=11.5km az=78.0

ISC 12 08:52:51.8-0.8, 5.71S; 0.07x128.87E; 0.08, h350km, n15, c=197/20, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BNDI Bandanaira, AA1 Ambon, MSAI Masohi, etc.

DJA 12 08:55:12.2-0.5, 9'S; 4.11'E; h14km, 5km, M3.7/5, MLv3.7/5, Sumbawa region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include WBSI Waikabubak, WBSI Warrungga, PLAI Plampang, etc.

ISCJB 12 09:05:30.4-0.4, 4.106S; 0.09x44.4E; 0.1, h12km, mb2.4/16, MS3.4/13, Error ellipse: s-maj=14.6km s-min=8.9km az=42.8

IDC 12 09:05:30.1-0.5, 4.102S; 44.47E; h0km, mb4.1/13, mb4.4/3/13, mb1mx4.0/53, mbtmp4.2/13, MS3.5/13, Ms1.3/5/13, ms1mx3.3/4.4, Error ellipse: s-maj=23.7km s-min=16.2km az=31.0

NEIC 12 09:05:31.7-0.4, 4.04S; 44.46E; h10km, mb4.8/9, Error ellipse: s-maj=11.4km s-min=7.2km az=219.0

ISC 12 09:05:32.1-0.4, 4.11S; 0.11x45.5E; 0.1, h12km, n73, c=096/72, mb4.2/16, MS3.4/14, Crozet Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CRZF Crozet Islands, BOSB Boshof, SUR Sutherland, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BRTR Keskin Array B, CPUP Villa Florida, VAE Valguarnera, etc.

ISCJB 12 09:19:17.5-0.4, 50.11N; 0.03x19.04E; 0.03, h0km, Error ellipse: s-maj=4.0km s-min=2.3km az=12.1

IPEC 12 09:19:17.5-0.2, 50.15N; 19.08E; h0km, 1km, ML2.5/3, Error ellipse: s-maj=2.7km s-min=1.1km az=165.0

CSEM 12 09:19:17.1-0.3, 50.14N; 19.07E; h2km, ML3.0/13, Ms3.3, Error ellipse: s-maj=6.4km s-min=3.1km az=11.0

PRU 12 09:19:17.7, 50.14N; 19.03E; h0km, Error ellipse: s-maj=5.1km s-min=2.7km az=12.1

WAR 12 09:19:18.4, 50.09N; 19.17E; h1km, Mw2.7, Error ellipse: s-maj=1.7km s-min=1.2km az=162.0

VIE 12 09:19:18.9, 50.23N; 18.89E; h0km, mb2.2/2, ML2.6/5, MS3.3/1, Error ellipse: s-maj=17.1km s-min=12.3km az=116.0

ISC 12 09:19:17.8-0.5, 11N; 0.02x19.11E; 0.02, h0km, n62, c=156/96, 7C-4D, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CHPZ Chorzw, OJC Ojcow, OKC Ostrava-Krasne, etc.

ISCJB 12 09:28:14.0-0.7, 15.57S; 0.03x74.22W; 0.04, h61km, 6km, mb5.0/183, Error ellipse: s-maj=7.8km s-min=4.0km az=146.9

MOS 12 09:28:16.5-1.1, 15.57S; 74.26W; h76km, mb5.1/33, Error ellipse: s-maj=13.3km s-min=6.7km az=118.6

IDC 12 09:28:16.6-0.5, 15.60S; 74.26W; h68km, 3km, mb4.5/24, mb1.4/6/27, mb1mx4.5/45, mbtmp4.8/27, MS3.7/22, Ms1.3/7/22, ms1mx3.6/38, Error ellipse: s-maj=14.9km s-min=9.4km az=56.0

GCMT 12 09:28:16.4-0.4, 15.72S; 74.63W; h81km, 3km, Mw4.9/65, Moment Tensor Solution, s29, c30; s65, c78; Duration: 0.2, Moment tensor: Scale 10^19Nm, Mr=2.0E+11, Mw=0.2E+14, Ms=1.7E+18, Mb=0.34E+07, Ms=1.0E+10, Ms=1.0E+10; Best double couple: Ms2.64300E+10, NP1=1.5E+00000, s83.00000, a-1.07.00000, NP2=0.316.00000, s84.00000, a-1.07.00000, Principal axes: T 3.0250, Plg12.0000, Azm238.0000; N -0.7630, Plg9.0000, Azm330.0000; P -2.2610, Plg75.0000, Azm98.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s

NEIC 12 09:28:16.4-0.4, 15.64S; 74.16W; h66km, 4km, mb5.0/161, Error ellipse: s-maj=5.4km s-min=2.8km az=59.0

NEIC Fell at Corcora and Nazca, BUJ 12 09:28:18.3, 15.60S; 74.00W; h75km, mb5.3/7, Ms5.1/3, Ms7.4/9/4

ISC 12 09:28:16.5-0.4, 15.68S; 0.05x74.25W; 0.07, h71km, 3km, h71km; pp-P, n657, a196/672, mb5.0/182, 8C-5D, Near coast of Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include STEP BALKESIR_Sava, AKHS Akhisar, DEMI Demirci, etc.

ISCJB 12 09:28:14.0-0.7, 15.57S; 0.03x74.22W; 0.04, h61km, 6km, mb5.0/183, Error ellipse: s-maj=7.8km s-min=4.0km az=146.9

MOS 12 09:28:16.5-1.1, 15.57S; 74.26W; h76km, mb5.1/33, Error ellipse: s-maj=13.3km s-min=6.7km az=118.6

IDC 12 09:28:16.6-0.5, 15.60S; 74.26W; h68km, 3km, mb4.5/24, mb1.4/6/27, mb1mx4.5/45, mbtmp4.8/27, MS3.7/22, Ms1.3/7/22, ms1mx3.6/38, Error ellipse: s-maj=14.9km s-min=9.4km az=56.0

GCMT 12 09:28:16.4-0.4, 15.72S; 74.63W; h81km, 3km, Mw4.9/65, Moment Tensor Solution, s29, c30; s65, c78; Duration: 0.2, Moment tensor: Scale 10^19Nm, Mr=2.0E+11, Mw=0.2E+14, Ms=1.7E+18, Mb=0.34E+07, Ms=1.0E+10, Ms=1.0E+10; Best double couple: Ms2.64300E+10, NP1=1.5E+00000, s83.00000, a-1.07.00000, NP2=0.316.00000, s84.00000, a-1.07.00000, Principal axes: T 3.0250, Plg12.0000, Azm238.0000; N -0.7630, Plg9.0000, Azm330.0000; P -2.2610, Plg75.0000, Azm98.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s

NEIC 12 09:28:16.4-0.4, 15.64S; 74.16W; h66km, 4km, mb5.0/161, Error ellipse: s-maj=5.4km s-min=2.8km az=59.0

NEIC Fell at Corcora and Nazca, BUJ 12 09:28:18.3, 15.60S; 74.00W; h75km, mb5.3/7, Ms5.1/3, Ms7.4/9/4

ISC 12 09:28:16.5-0.4, 15.68S; 0.05x74.25W; 0.07, h71km, 3km, h71km; pp-P, n657, a196/672, mb5.0/182, 8C-5D, Near coast of Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ARE Arequipa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include GOPC GO Pecny, PRU Pruhonice, PRU Pruhonice, etc.

ISCJB 12 09:21:21.9, 39.16N; 27.58E; h6km, ML2.0/3, DDA 12 09:21:22.8, 39.12N; 27.61E; h7km, Md2.5, ISCJB 12 09:21:23.4-0.6, 39.09N; 0.03x27.58E; 0.04, h12km, 4km, Error ellipse: s-maj=5.1km s-min=4.6km az=168.5

CSEM 12 09:21:23.4-0.2, 39.10N; 27.59E; h12km, Md2.5, Error ellipse: s-maj=5.1km s-min=4.6km az=168.5

ISC 12 09:21:23.6-1.1, 39.13N; 0.03x27.58E; 0.02, h8km, 10km, n21, c=054/40, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AGUA GUANDACOL, AGUA Vinchina, AMOG MOGNA, etc.

ISC 12 09:21:21.9, 39.16N; 27.58E; h6km, ML2.0/3, DDA 12 09:21:22.8, 39.12N; 27.61E; h7km, Md2.5, ISCJB 12 09:21:23.4-0.6, 39.09N; 0.03x27.58E; 0.04, h12km, 4km, Error ellipse: s-maj=5.1km s-min=4.6km az=168.5

CSEM 12 09:21:23.4-0.2, 39.10N; 27.59E; h12km, Md2.5, Error ellipse: s-maj=5.1km s-min=4.6km az=168.5

ISC 12 09:21:23.6-1.1, 39.13N; 0.03x27.58E; 0.02, h8km, 10km, n21, c=054/40, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include STEP BALKESIR_Sava, AKHS Akhisar, DEMI Demirci, etc.

ISCJB 12 09:28:14.0-0.7, 15.57S; 0.03x74.22W; 0.04, h61km, 6km, mb5.0/183, Error ellipse: s-maj=7.8km s-min=4.0km az=146.9

MOS 12 09:28:16.5-1.1, 15.57S; 74.26W; h76km, mb5.1/33, Error ellipse: s-maj=13.3km s-min=6.7km az=118.6

IDC 12 09:28:16.6-0.5, 15.60S; 74.26W; h68km, 3km, mb4.5/24, mb1.4/6/27, mb1mx4.5/45, mbtmp4.8/27, MS3.7/22, Ms1.3/7/22, ms1mx3.6/38, Error ellipse: s-maj=14.9km s-min=9.4km az=56.0

GCMT 12 09:28:16.4-0.4, 15.72S; 74.63W; h81km, 3km, Mw4.9/65, Moment Tensor Solution, s29, c30; s65, c78; Duration: 0.2, Moment tensor: Scale 10^19Nm, Mr=2.0E+11, Mw=0.2E+14, Ms=1.7E+18, Mb=0.34E+07, Ms=1.0E+10, Ms=1.0E+10; Best double couple: Ms2.64300E+10, NP1=1.5E+00000, s83.00000, a-1.07.00000, NP2=0.316.00000, s84.00000, a-1.07.00000, Principal axes: T 3.0250, Plg12.0000, Azm238.0000; N -0.7630, Plg9.0000, Azm330.0000; P -2.2610, Plg75.0000, Azm98.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s

NEIC 12 09:28:16.4-0.4, 15.64S; 74.16W; h66km, 4km, mb5.0/161, Error ellipse: s-maj=5.4km s-min=2.8km az=59.0

NEIC Fell at Corcora and Nazca, BUJ 12 09:28:18.3, 15.60S; 74.00W; h75km, mb5.3/7, Ms5.1/3, Ms7.4/9/4

ISC 12 09:28:16.5-0.4, 15.68S; 0.05x74.25W; 0.07, h71km, 3km, h71km; pp-P, n657, a196/672, mb5.0/182, 8C-5D, Near coast of Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ARE Arequipa, etc.

N43A	Stutzman Famil	58.01	347	P	P	09 38 00.5	-1.4
P37A	Lathrop	58.09	342	P	P	09 38 01.5	-1.1
N41A	Harde Midland	58.18	345	P	P	09 38 01.9	-1.2
MMNY	Mt. Morris Dam	58.22	357	eP	P	09 38 03.9	+0.6
BNM	Barren Site	58.36	329	eP	P	09 38 05.6	+0.8
P36A	Good Intent, A	58.38	341	P	P	09 38 03.8	-0.8
Y2D	IRIS PASCAL I	58.45	328	P	P	09 38 05.5	+0.2
LPM	Los Pinos Moun	58.49	329	eP	P	09 38 06.5	+0.8
P35A	Duane Minner,	58.56	340	P	P	09 38 05.4	-0.5
O36A	Bolckow	58.78	342	P	P	09 38 06.9	-0.5
LAZ	Ladron	58.82	328	eP	P	09 38 08.7	+0.7
P34A	Walnut Farm, R	58.84	340	P	P	09 38 07.1	-0.7
ANMO	Albuquerque	58.91	329	P	P	09 38 09.2	+0.6
ANMO	Albuquerque	58.91	329	eP	P	09 38 08.8	+0.2
ANMO	Albuquerque	58.91	329	eP	P	09 38 08.8	+0.2
L44A	Lake County Fo	58.93	348	P	P	09 38 10.3	+1.0
TUC	Tucson	59.17	324	P	P	09 38 09.6	+0.3
TUC	Tucson	59.17	324	eP	P	09 38 11.0	+0.7
TUC	Tucson	59.17	324	eP	P	09 38 11.0	+0.7
O34A	Beatrice	59.37	340	P	P	09 38 10.8	-0.6
N36A	Muff Farm, Cla	59.40	342	P	P	09 38 11.0	-0.6
L40A	Anamosa	59.55	345	P	P	09 38 11.9	-0.7
O33A	Hebron	59.57	339	P	P	09 38 12.4	-0.4
N35A	Tabor	59.65	341	P	P	09 38 12.7	-0.7
M37A	Trindle Farm,	59.68	343	P	P	09 38 13.1	-0.4
T25A	Trinidad	59.73	332	P	P	09 38 14.9	+0.6
T25A	Trinidad	59.73	332	eP	P	09 38 14.8	+0.6
MHTCO	State Highway	59.85	332	eP	P	09 38 15.4	+0.4
N34A	Lincoln	59.90	341	P	P	09 38 14.0	-1.1
DELO	Deloro Mine	59.98	357	P	P	09 38 14.5	-1.0
L38A	Oak Wood Farm,	60.07	344	P	P	09 38 15.6	-0.5
J43A	Natural Harves	60.19	348	P	P	09 38 15.5	-1.5
X18A	Snowflake	60.38	326	eP	P	09 38 20.0	+1.3
PLVO	Plevna	60.48	358	P	P	09 38 19.0	+0.1
PLVO	Plevna	60.48	358	eP	P	09 38 18.6	-0.3
KSCO	Kaye Shedlock	60.53	335	P	P	09 38 19.8	+0.2
KSCO	Kaye Shedlock	60.53	335	eP	P	09 38 19.8	+0.2
J40A	Soldiers Grove	60.70	346	P	P	09 38 19.9	-0.6
W18A	Petrified Fore	60.71	327	P	P	09 38 21.7	+0.7
W18A	Petrified Fore	60.71	327	eP	P	09 38 21.9	+1.0
SDCO	Great Sand Dun	60.72	332	eP	P	09 38 21.3	+0.2
SDCO	Great Sand Dun	60.72	332	eP	P	09 38 21.3	+0.2
M33A	Taylor Creek F	60.79	340	P	P	09 38 20.4	-0.7
J39A	Decorah	60.87	345	P	P	09 38 20.8	-0.8
K36A	Gilmore City	60.93	343	P	P	09 38 21.2	-0.9
BGNE	Belgrade	60.96	340	P	P	09 38 22.0	-0.3
BGNE	Belgrade	60.96	340	eP	P	09 38 22.1	-0.2
ALFO	Alfred	61.02	359	P	P	09 38 22.1	-0.5
X16A	Lo Mia Camp, P	61.10	325	eP	P	09 38 25.0	+1.4
PEMO	Pembroke	61.12	358	P	P	09 38 23.0	-0.2
I39A	Houston	61.31	346	P	P	09 38 23.6	-1.0
S22A	4UR Ranch, Cre	61.33	331	P	P	09 38 25.5	+0.3
S22A	4UR Ranch, Cre	61.33	331	eP	P	09 38 25.6	+0.3
K34A	Le Mars	61.46	342	P	P	09 38 24.6	-1.0
J36A	Seneca 1, Swea	61.54	343	P	P	09 38 25.2	-1.0
Q24A	Divide	61.56	333	P	P	09 38 26.9	+0.1
Q24A	Divide	61.56	333	eP	P	09 38 27.2	+0.4
I38A	Scantlin Farm,	61.69	345	P	P	09 38 25.7	-1.4
MVCO	Mesa Verde	61.71	329	P	P	09 38 27.9	+0.2
MVCO	Mesa Verde	61.71	329	eP	P	09 38 28.2	+0.5
WUAZ	Wupatki	61.89	326	P	P	09 38 29.9	+1.0
WUAZ	Wupatki	61.89	326	eP	P	09 38 30.1	+1.3
OGNE	Ogallala	61.95	336	P	P	09 38 29.4	+0.3
OGNE	Ogallala	61.95	336	eP	P	09 38 29.4	+0.3
I35A	Creekview Farm	62.21	343	P	P	09 38 30.3	-0.4
K31A	O'Neill	62.24	340	P	P	09 38 30.7	-0.2
J33A	Davis	62.30	341	P	P	09 38 30.3	-0.9
H37A	Dierke Farm, C	62.34	345	P	P	09 38 31.4	-0.1
ISCO	Idaho Springs	62.46	333	P	P	09 38 32.8	+0.1
ISCO	Idaho Springs	62.46	333	eP	P	09 38 32.9	+0.1
ISCO	Idaho Springs	62.46	333	eP	P	09 38 32.9	+0.1
PV01	Paradox Valley	62.47	330	eP	P	09 38 33.4	+0.6
SMCO	Snowmass	62.55	332	eP	P	09 38 34.1	+0.5
ECSD	EROS Data Cent	62.57	342	P	P	09 38 32.4	-0.6
ECSD	EROS Data Cent	62.57	342	eP	P	09 38 32.6	-0.4
G39A	Holcombe	62.59	347	P	P	09 38 32.9	-0.2
H36A	Jessenland, He	62.59	344	P	P	09 38 33.0	-0.2
PV05	Paradox Valley	62.68	330	eP	P	09 38 34.1	-0.1
BC3	Big Chuckawall	62.85	322	P	P	09 38 35.8	+0.5
MONP2	Monument Peak	62.90	321	P	P	09 38 35.9	+0.1
SPMN	Marine on St.	62.91	345	P	P	09 38 34.5	-0.8
SPMN	Marine on St.	62.91	345	eP	P	09 38 34.4	-0.8
H35A	Sunnyside Ranc	62.94	344	P	P	09 38 35.0	-0.5
IRM	Iron Mountain	63.02	322	P	P	09 38 36.9	+0.6
U15A	North Rim	63.06	326	eP	P	09 38 37.6	+0.8

H34A	Spellman Lake,	63.18	343	P	P	09 38 36.5	-0.5
G35A	Watkins	63.34	344	P	P	09 38 38.2	+0.1
F37A	Hinche Farm,	63.34	346	P	P	09 38 37.9	-0.2
PFO	Pinyon Flats O	63.42	321	P	P	09 38 40.0	+0.9
H33A	Prehn Over Nor	63.47	342	P	P	09 38 39.1	+0.1
N23A	Red Feather L	63.50	334	P	P	09 38 39.9	+0.3
N23A	Red Feather La	63.50	334	eP	P	09 38 40.0	+0.3
F36A	Milaca	63.69	345	P	P	09 38 40.2	-0.2
GMRC	Granite Mounta	63.76	323	P	P	09 38 42.2	+0.9
G33A	Ortonville	63.85	343	P	P	09 38 40.9	-0.6
O20A	White River Ci	63.91	331	P	P	09 38 42.7	+0.5
O20A	White River Ci	63.91	331	eP	P	09 38 43.0	+0.7
F35A	Swanville	63.95	344	P	P	09 38 41.8	-0.3
LCMT	Little Creek M	64.01	326	eP	P	09 38 44.2	+1.3
F34A	Alexandria	64.07	344	P	P	09 38 42.8	-0.2
SRU	San Rafael Swe	64.19	329	eP	P	09 38 44.5	+0.4
SRU	San Rafael Swe	64.19	329	eP	P	09 38 44.5	+0.4
SRU	San Rafael Swe	64.19	329	eP	P	09 38 44.5	+0.4
MTPU	Mount Pierson	64.21	327	eP	P	09 38 45.5	+1.1
E36A	McGregor	64.24	346	P	P	09 38 43.7	-0.2
SZCU	Shurtz Canyon	64.35	326	eP	P	09 38 46.6	+1.4
O16A	Castle Valley	64.36	329	eP	P	09 38 45.8	+0.6
F33A	5 Mile Ranch,	64.40	343	P	P	09 38 44.6	-0.4
P18A	Preon Nutter	64.45	330	eP	P	09 38 46.4	+0.4
CCUT	Cedar City	64.47	326	eP	P	09 38 47.8	+1.8
TAOE	Nuku Hiva Isla	64.54	268	eLR	LR	09 58 10.1	
E35A	Pequot Lakes	64.56	345	P	P	09 38 45.8	-0.3
MSU	Marysville	64.56	328	eP	P	09 38 47.5	+0.9
MSU	Marysville	64.56	328	eP	P	09 38 47.5	+0.9
P17A	Butcher Ranch,	64.57	329	eP	P	09 38 47.0	+0.5
D37A	Cotton	64.64	346	P	P	09 38 46.3	-0.3
TMUT	Trail Mountain	64.67	329	eP	P	09 38 48.2	+0.8
SHPR	Sheep Range	64.69	324	eP	P	09 38 48.6	+1.2
RWWY	Rawlins	64.70	333	eP	P	09 38 48.6	+1.2
E34A	Wadena	64.71	344	P	P	09 38 47.0	-0.1
TCRU	Three Creeks R	64.77	328	eP	P	09 38 48.8	+0.8
C39A	Grand Marais	64.78	348	P	P	09 38 46.7	-0.8
GSC	Goldstone, Bar	64.79	322	P	P	09 38 47.7	-0.3
E33A	Westby DABS, E	64.93	344	P	P	09 38 48.1	-0.4
D35A	Remer	64.96	345	P	P	09 38 48.4	-0.2
F31A	Embarrass	64.99	342	P	P	09 38 48.2	-0.7
C37A	Embarrass	65.13	347	P	P	09 38 49.4	-0.4
K22A	Casper	65.19	334	eP	P	09 38 50.8	+0.3
K22A	Casper	65.19	334	eP	P	09 38 50.9	+0.4
D34A	Park Rapids	65.25	344	P	P	09 38 50.6	-0.0
C36A	Pine Crest Far	65.30	346	P	P	09 38 50.3	-0.6
MPU	Maple Canyon	65.43	329	eP	P	09 38 53.1	+0.9
RSSD	Black Hills	65.43	337	P	P	09 38 52.3	+0.2
PSUT	Pine Spring	65.45	327	eP	P	09 38 53.5	+1.2
D33A	AnnSam, Waubun	65.47	344	P	P	09 38 51.7	-0.3
E31A	Nome	65.51	342	P	P	09 38 52.5	+0.2
C35A	Jirir Farms, M	65.52	345	P	P	09 38 52.0	-0.2
NLU	North Lily Min	65.60	329	eP	P	09 38 54.0	+0.7
TPNV	Topopah Spring	65.62	324	eP	P	09 38 54.2	+0.8
TPNV	Topopah Spring	65.62	324	eP	P	09 38 54.2	+0.8
TPNV	Topopah Spring	65.62	324	eP	P	09 38 54.2	+0.8
FURC	Furnace Creek,	65.64	323	P	P	09 38 54.2	+0.9
C34A	RK Ranch, Bem	65.70	345	P	P	09 38 52.8	-0.7
JLU	Jordanelle	65.79	330	eP	P	09 38 55.3	+0.7
DAC	Darwin (Calif)	65.93	323	eP	P	09 38 56.6	+1.1
DAC	Darwin (Calif)	65.93	323	eP	P	09 38 56.6	+1.1
DAC	Darwin (Calif)	65.93	323	eP	P	09 38 56.6	+1.1
CTU	Camp Tracy	66.00	330	eP	P	09 38 56.5	+0.7
C33A	Trail	66.02	344	P	P	09 38 55.0	-0.5
ISA	Isabella, Lake	66.03	322	P	P	09 38 55.7	-0.3
ISA	Isabella, Lake	66.03	322	eP	P	09 38 57.1	+1.1
ISA	Isabella, Lake	66.03	322	eP	P	09 38 57.1	+1.1
B35A	Bob, Littlefor	66.08	346	P	P	09 38 55.3	-0.6
DUG	Dugway, Tooele	66.15	329	P	P	09 38 57.6	+0.8
DUG	Dugway, Tooele	66.15	329	eP	P	09 38 57.8	+1.0
DUG	Dugway, Tooele	66.15	329	eP	P	09 38 57.8	+1.0
TCUT	Toone Canyon	66.17	330	eP	P	09 38 57.8	+0.9
R11A	Troy Canyon, C	66.25	325	P	P	09 38 58.6	+1.2
R11A	Troy Canyon, C	66.25	325	eP	P	09 38 58.6	+1.2
GRAC	Grapevine Rang	66.30	323	P	P	09 38 58.2	+0.6
CRWC	Cottonwood Cre	66.33	322	P	P	09 38 58.9	+0.9
B34A	Aery, Baudette	66.41	345	P	P	09 38 57.2	-0.8
B33A	Robert and Kas	66.45	345	P	P	09 38 57.9	-0.4
VES	Vestal, Richgr	66.52	321	P	P	09 38 59.4	+0.4
AGMN	Agassiz Nation	66.54	344	P	P	09 38 58.4	-0.4
AGMN	Agassiz Nation	66.54	344	eP	P	09 38 58.6	-0.3
C31A	Landman Farms,	66.59	343	P	P	09 38 58.9	-0.2
BW06	Boiler Array	66.60	332	P	P	09 38 59.0	-0.6
BW06	Boulder Array	66.60	332	eP	P	09 38 59.0	-0.6
PD31	Pinedale Array	66.60	332	eP			

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

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KS15, KSAR, KSAR, etc.

ISCJB 12 09:36:42.6:0.3, 32.779N:0.0:02:116:10W:0.02, h12km, 2km, Error ellipse: s-maj=2.7km s-min=2.7km az=179.7, NEIC 12 09:36:42.9:0.0, 32.777N:116:07W, h15km, ML2.9(PAS), After PMS.

NEIC Fell at Camp. ECX 12 09:36:43.7:0.6, 32.777N:116:10W, h3km, MD2.7, ML3.0. ISX 12 09:36:41.8:0.9, 32.777N:102:116:10W:0.02:116.0km, 7km, n51, c150676, 7C-5D, California-Baja California border region

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

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like Jordan, Lapu-Lapu, Roxas, Maasin.

IDC 12 09:55:28.24.9, 2.109S, 139.39E, h0km, mb3.1/2, mb1 3.3/3, mb1mx3.1/39, mbtmp3.1/3, ML3.1/1, Error ellipse: s-maj=196.2km s-min=28.4km az=87.0

ISCJB 12 09:55:34.7.0.7, 2.64S, 0.09N, 139.63E, 0.05, h27km, mb3.0/2, Error ellipse: s-maj=13.2km s-min=6.3km az=7.6

DJA 12 09:55:34.5.1.5, 3.2S, 20.14E, h38km, km3, ML2/3, MLV3.2/3

ISC 12 09:55:35.3.1.1, 2.65S, 0.13N, 139.66E, 0.06, h27km, n7, e699J, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like Geniem, Jayapura, Sarmi, Ransiki, Warramunga, Alice Springs, Makanchi Array.

IDC 12 10:05:04.3.1.4, 8.52S, 159.43E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.6/39, mbtmp3.7/4, MS3.2/1, Ms1 3.2/1, ms1mx2.5/3, Error ellipse: s-maj=38.2km s-min=11.4km az=55.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like Honiara, Warramunga, H11S2, H11S3, H11S1, ASAR, H11N1, H11N3, H11N2, DAV, SONM, MKAR.

IDC 12 10:14:05.4.2.3, 6.42S, 129.08E, h0km, mb3.1/1, mb1 3.2/3, mb1mx3.1/47, mbtmp3.1/3, ML3.1/2, Error ellipse: s-maj=171.0km s-min=31.0km az=68.0, Banda Sea

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

IDC 12 10:23:17.4.1.1, 1.12S, 126.75E, h0km, mb3.4/4, mb1 3.6/5, mb1mx3.4/52, mbtmp3.5/5, ML3.2/1, Error ellipse: s-maj=36.9km s-min=20.8km az=54.0

DJA 12 10:23:18.0.7.0, 1.15S, 127.7E, h10km, M3.6/3, MLV3.6/3

ISCJB 12 10:23:20.7.0.8, 0.90S, 0.09N, 126.87E, 0.08, h34km, mb3.5/3, Error ellipse: s-maj=15.6km s-min=6.9km az=140.8

ISC 12 10:23:21.6.1.1, 0.95S, 0.08N, 126.80E, 0.08, h34km, n8, e268/12, mb3.6/3, Southern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like LBMI, SANI, NLANI, SIJI, WRA, ASAR, MKAR, KURBB.

MAN 12 10:25:51, 11.22N, 126.10E, h17km, mb4.9, ML3.8, MS3.9, ID, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like BESP, PLP, SCPH, MSLP, CNP.

SJA 12 10:27:15.9.0.4, 31.99S, 68.45W, h94km, 6km, ML2.0, MW3.5, San Juan Province

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like RTCV, AMOG, RTL, AUSP, ASAL.

IDC 12 10:33:43.0.1.9, 17.90S, 167.47E, h0km, mb3.7/3, mb1 3.9/4, mb1mx3.6/39, mbtmp3.7/4, ML3.5/1, MS3.7/2, Ms1 3.7/2, ms1mx2.7/37, Error ellipse: s-maj=55.1km

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

IDC 12 10:53:52.1.1.8, 1.75N, 127.23E, h0km, mb3.8/4, mb1 3.9/4, mb1mx3.5/52, mbtmp3.8/4, MS3.2/2, Ms1 3.2/2, ms1mx2.5/45, Error ellipse: s-maj=172.2km s-min=20.1km az=67.0

ISCJB 12 10:54:03.7.0.9, 1.74N, 127.20E, 0.08, h103km, mb3.5/4, Error ellipse: s-maj=12.2km s-min=7.3km az=154.7

DJA 12 10:54:07.6.1.2, 2.3N, 127.7E, h20km, 11km, M4.1/6, MLV4.1/6

ISC 12 10:54:05.6.1.1, 1.65N, 127.03E, 0.09, h103km, n12, e233/14, mb3.6/4, Halmahera

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like LBMI, SGSI, KMSI, SANI, NLANI, LUWI, BATI, WRA, ASAR, ACJ, ASAR, MKAR, KURBB.

MAN 12 10:58:36, 9.91N, 123.00E, h54km, mb3.6, ML2.3, MS1.8, 1C, Negros

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like SNPH, GUMJ, GUMJ, GUMJ, PATS, H11S3, H11S1, H11S2, H11N1, H11N2, H11N3, DAV, SIJI, FAKI, PMG, KS01, COEN, MTN, KLR, ENH, CTAO, WRAB, WB2, WRI, WRA, AS01, AS31, ASAR, CM01, SONA, SONA, CMAR, MBWA, SEY, STKA, STKA, BBOO, FORT, CAN, ZAA1, ZALV, MK32, MKAR, CAST.

ISCJB 12 11:09:37.3.0.2, 16.70N, 104.146.55E, 0.06, h33km, mb4.5/4, MS2.7/1, Error ellipse: s-maj=9.2km s-min=4.8km az=18.7

IDC 12 11:09:40.5.2.7, 16.69N, 146.60E, h48km, 27km, mb3.9/1/7, mb1 4.1/7, mb1mx3.8/59, mbtmp3.4/17, ML4.7/1, MS2.8/2, Ms1 2.8/2, ms1mx2.4/50, Error ellipse: s-maj=22.7km s-min=13.5km az=92.0

NEIC 12 11:09:41.4.0.9, 16.67N, 146.58E, h55km, 9km, mb4.6/38, Error ellipse: s-maj=7.6km s-min=4.9km az=99.0

ISC 12 11:09:39.3.0.5, 16.70N, 106.146.66E, 0.09, h35km, n84, e1102/78, mb4.6/54, Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like SARGAN, GUMJ, GUMJ, PATS, H11S3, H11S1, H11S2, H11N1, H11N2, H11N3, DAV, SIJI, FAKI, PMG, KS01, COEN, MTN, KLR, ENH, CTAO, WRAB, WB2, WRI, WRA, AS01, AS31, ASAR, CM01, SONA, SONA, CMAR, MBWA, SEY, STKA, STKA, BBOO, FORT, CAN, ZAA1, ZALV, MK32, MKAR, CAST.

MAN 12 11:18:17, 10.23N, 123.33E, h30km, mb4.4, ML3.2, MS2.9, 2D, Cebu

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like LLLP, GUMJ, GUMJ, MSLP, MSLP.

DJA 12 11:32:41.2.1.5, 2.5S, 13.4E, h150km, 12km, M3.3/3, MLV3.3/3

IDC 12 11:32:44.2.1.1, 1.90S, 133.04E, h0km, mb3.3/2, mb1 3.6/5, mb1mx3.3/46, mbtmp3.4/5, ML3.2/3, Error ellipse: s-maj=55.9km s-min=20.7km az=64.0

ISCJB 12 11:32:46.2.0.7, 1.90S, 0.07N, 133.17E, 0.05, h26km, mb3.3/2, Error ellipse: s-maj=10.1km s-min=6.9km az=179.0

ISC 12 11:32:47.2.0.9, 1.83S, 0.07N, 133.25E, 0.05, h26km, n8, e234/12, Irian Jaya region

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

MAN 12 11:42:30, 9.73N, 123.01E, h28km, mb4.2, ML3.0, MS2.6, 1D, Negros

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like RKPI, FAKI, SIJI, SWI, FITZ, WRA, ASAR, MKAR, CAST.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like IM3, KTH, BPAW, KURK, KURBB, RND, MCK, DHY, COLD, MDM, CCB, ILI, ILAR, ILB, TOLK, PAX, HARP, FYU, EGAK, DAWY, HYT, WHY, INK, INK, YKW3, YKA, YBH, B08A, K05A, BEKR, KVN, NV01, NVAR, AR30, AR30, HRY, DUG, FFC, FIAO, FINES, PB11.

DJA 12 11:13:11.6.0.7, 7.5S, 107.6E, h10km, M3.7/2, MLV3.7/2, Jawa

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like SKJI, SKJI, CGJJ, CISI, CISI.

IDC 12 11:16:19.4.14.0, 17.41S, 167.03E, h0km, mb3.9/3, mb1 4.1/4, mb1mx3.7/41, mbtmp3.9/4, ML3.8/1, MS2.9/3, Ms1 2.9/3, ms1mx2.6/35, Error ellipse: s-maj=235.5km s-min=38.2km az=67.0, Vanuatu Islands region

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

MAN 12 11:18:17, 10.23N, 123.33E, h30km, mb4.4, ML3.2, MS2.9, 2D, Cebu

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like LLLP, GUMJ, GUMJ, MSLP, MSLP.

DJA 12 11:32:41.2.1.5, 2.5S, 13.4E, h150km, 12km, M3.3/3, MLV3.3/3

IDC 12 11:32:44.2.1.1, 1.90S, 133.04E, h0km, mb3.3/2, mb1 3.6/5, mb1mx3.3/46, mbtmp3.4/5, ML3.2/3, Error ellipse: s-maj=55.9km s-min=20.7km az=64.0

ISCJB 12 11:32:46.2.0.7, 1.90S, 0.07N, 133.17E, 0.05, h26km, mb3.3/2, Error ellipse: s-maj=10.1km s-min=6.9km az=179.0

ISC 12 11:32:47.2.0.9, 1.83S, 0.07N, 133.25E, 0.05, h26km, n8, e234/12, Irian Jaya region

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

MAN 12 11:42:30, 9.73N, 123.01E, h28km, mb4.2, ML3.0, MS2.6, 1D, Negros

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like RKPI, FAKI, SIJI, SWI, FITZ, WRA, ASAR, MKAR, CAST.

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Table with columns: Station Name, A, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes entries like IAML, IAML, SHL, SHL, TEZP, TEZP, etc.

MAN 12 14:00:17,7.65N;124.83E,h35km,mb4.8,ML3.7,MS3.6,1C,Mindanao

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes entries like BUKP Musuan, CTBH Cotabato-PC H, PAGZ Pagadian.

ISK 12 14:03:24,7.3682N,27.31E,h3km,ML2.9/9 THE 12 14:03:25,4.3671N,27.31E,h2km,ML2.9/2, Error ellipse: s-maj=3.8km s-min=1.4km az=234.0

ISCJBJ 12 14:03:26,0.2,7.3663N,103.03,27.36E,0.05,h8km,5km, Error ellipse: s-maj=6.9km s-min=4.8km az=1.8

CSEM 12 14:03:26,0.2,7.3663N,103.03,27.36E,h10km,ML2.9, Error ellipse: s-maj=5.3km s-min=3.8km az=75.0

ISC 12 14:03:24,6.1,1.3628N,102.27,36E,0.03,h13km,gkm, m29, c085/43, Dodecahed Islands

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes entries like BODT Bodrum, YKAV Yalikavak-Bodr, GCAM G?zelcaml?, etc.

IDC 12 14:11:42,1.2,6.2934S,177.00W,h0km,mb3.4/2, mb1 3.7/2, mb1mx3.5/43, mbtmp3.4/2, MS4.1/1, Ms1 4.1/1, ms1mx3.2/16, Error ellipse: s-maj=60.6km s-min=32.4km az=50.0, Kermadec Islands region

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes entries like RAO Raoul Island, ASAR Alice Springs, WRA Warramunga Arr, etc.

IDC 12 14:13:28,4.0,7.2939S,176.96W,h0km,mb4.5/3, mb1 4.5/18, mb1mx4.3/49, mbtmp4.5/18, ML3.9/5, MS4.4/21, Ms1 4.4/21, ms1mx4.2/31, Error ellipse: s-maj=22.1km s-min=16.7km az=158.0

ISCJBJ 12 14:13:30,7.0,5.3012S,177.11W,0.07,h24km, mb4.9/27, MS4.4/21, Error ellipse: s-maj=8.9km s-min=3.2km az=179.6

NEIC 12 14:13:31,2.0,5.2993S,176.93W,h17km,28km,mb4.6/19, Error ellipse: s-maj=15.3km s-min=11.3km az=75.0

GCMT 12 14:13:31,2.0,5.2993S,176.72W,h21km,MMV5.1/80, Moment Tensor Solution. s45,c73; s80,c112; Duration: 0 Moment tensor: Scale 10^16Nm; Mr=4.53t; Mb=0.85t; Ms=3.68t; Mw=0.59t; Mw0=1.18t; Mw1=2.30t; Mw2=3.0t; Best double couple: Mw=4.92700e10 Mw1=1.89700e10 Mw2=8.59000e10 NP2: Q2=2.00000e-3, Q3=1.00000e-3, Q4=0.00000e-3 Principal axes: T 5.1430, P1g75.0000, Azm291.0000, N -0.4230, P1g2.0000, Azm19.0000, P -4.7120, P1g14.0000, Azm109.0000; nst1a refers to body waves, cutoff=40s. nst1a2 refers to surface waves, cutoff=50s.

WEL 12 14:13:34,4.1,5.3013S,177.11W,1.6,h33km,ML5.3/2, BUJ 12 14:13:35,5.2975S,176.77W,h55km,mb5.1/18,mb5.2/4, Ms5.0/7, Ms7 4.6/5

ISC 12 14:13:32,0.0,5.3006S,176.96W,0.07,h24km, m136,c1970/117,mb4.8/27,MS4.5/23,1C-1D,Kermadec Islands region

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes entries like GLKZ Green Lake, RAO Raoul Island, etc.

2012 FEB

Main table with columns: Station Name, A, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes entries like RAO, RAO, RIZ, RIZ, MXZ, MXZ, etc.

12d 14h

Table with columns: Station Name, A, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes entries like NJ2, YBH, USRK, NVAR, etc.

12d 14h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TVSSB, GDZ Gediz, CAVI Cavuskoj, etc.

IDC 12 14:24:47.8, 1.3, 10.42Sx120.29E, h0km, mb3.9/5, mb1 4.1/10, mb1mx3.8/53, mbtmp4.0/10, ML3.9/5, MS2.9/1, Ms1 2.9/1, ms1mx2.5/44, Error ellipse: s-maj=44.8km s-min=19.9km az=46.0

DJA 12 14:24:53.4, 1.6, 10.10Sx17.12E, h14km, 5km, M4.0/6, ML4.0/6

ISC 12 14:24:51.9, 0.8, 10.48Sx0.06E, h31km, n17, c387/22, mb3.9/5, Sumba region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BASI Baing, WBSI Waikabunga, EDFI Ende, etc.

ISCJB 12 14:25:55.1, 0.4, 6.717N, 0.02, 0.07E, h0km, Error ellipse: s-maj=4.5km s-min=3.0km az=11.2

CSEM 12 14:25:55.8, 0.2, 6.717N, 0.17E, h2km, ML2.8, Error ellipse: s-maj=5.8km s-min=4.2km az=87.0, Mining explosion.

UPP 12 14:25:56.1, 6.719N, 20.63E, h0km, ML2.8, Suspected Mining explosion.

HEL 12 14:25:56.5, 0.0, 6.718N, 20.67E, h0km, ML1.9, ML2.8(UPP) Explosion

NAO 12 14:25:56.2, 0.9, 6.715N, 20.87E, ML2.3

BER 12 14:25:58.8, 4.6, 6.718N, 20.71E, h0km, 19km, ML2.3(NAO)

ISC 12 14:25:55.5, 0.7, 6.716N, 0.02, 0.07E, h0km, n52, c133/85, Sweden

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DUNU Dundret, MASU Masugnbyn, RATU Laukulupula, etc.

2012 FEB

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OULU Oulu, ARCESS Array S, ARAO ARCESS Array S, etc.

IDC 12 14:26:49.2, 1.8, 7.40Sx128.23E, h0km, mb3.5/1, mb1 3.6/4, mb1mx3.2/52, mbtmp3.4/4, ML3.2/3, Error ellipse: s-maj=61.6km s-min=30.0km az=77.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SIJI Sorong, WRA Warramunga Arr, ASAR Alice Springs, etc.

MEX 12 14:31:09.7, 0.6, 18.85N, 103.39W, h0km, 6km, MD3.9, Near coast of Mexico

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MMIG Aquila, EZSV Zihuatanejo, CJM Chabela, etc.

MEX 12 14:36:15.5, 0.4, 18.34N, 102.89W, h10km, MD3.8, Michoacan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MMIG Aquila, EZSV Zihuatanejo, ZIIG Zihuatanejo, etc.

IDC 12 14:37:08.3, 0.6, 19.07N, 121.20E, h0km, mb4.2/23, mb1 4.3/27, mb1mx4.1/70, mbtmp4.3/27, ML3.9/3, MS3.6/11, Ms1 3.7/11, ms1mx3.3/65, Error ellipse: s-maj=17.2km s-min=13.7km az=91.0

MOS 12 14:37:11.9, 1.0, 19.07N, 121.20E, h36km, mb4.8/31, Error ellipse: s-maj=10.9km s-min=5.8km az=105.2

NEIC 12 14:37:11.8, 1.5, 19.13N, 121.12E, h20km, 10km, mb4.7/22, Error ellipse: s-maj=7.3km s-min=5.4km az=121.0

ISCJB 12 14:37:11.7, 1.1, 19.28N, 0.02, 121.09E, h0km, 8km, mb4.5/65, MS3.8/18, Error ellipse: s-maj=5.7km s-min=4.0km az=173.5

BUI 12 14:37:13.3, 19.47N, 120.90E, h13km, mb4.4/52, mb4.7/37, ML4.2/3, Ms4.1/39, Ms1 2.9/36

MAN 12 14:37:14.1, 19.05N, 121.13E, h3km, mb5.4, ML4.4, MS4.6

ISC 12 14:37:13.1, 0.8, 19.17N, 0.04, 121.08E, h0km, 5km, h26km, 5km

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like n162, r179/183, mb4.6/65, MS3.8/18, 12C-9D, Philippine Islands region

MW-1.61±.02; MW-0.08±.02; MW 1.69±.02; MW 0.22±.05; MW-0.30±.01; MW-0.28±.04; Best double couple: Mw1.71300±0.017 NP1.0±0.345,00000, .651,00000, .1-98,00000. NP2.0±177.00000, .640,00000. .1-80,00000. Principal axes: T 1.7690, Plg5.0000, Azm80.0000; N -0.1130, Plg6.0000, Azm350.0000; P -1.6580, Plg82.0000, Azm211.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 12 18:09:21.7±0.3, 7.07S; 13.05W, h10km, mb5.0/30 Error ellipses: s-maj=9, 1km s-min=6.3km az=140.0 ISC 12 18:09:21.8±0.3, 7.06S; 13.12W, 0.0S, h13km, n406, ±2511/4.14, mb4.9/103, MS4.9/72, 17C-12D, Ascension Island region

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZALV Zalesovo Beam, SONM Songo Array, TIXI Tiksi, YAK Yakutsk, CMAR Chiang Mai Arr, BOS Boshof, KSR Korea Array, YKA Yellowknife Arr, YLA Eielson Array, YBH Yreka Blue Hor, NVAR Mina Array, ASAR Alice Springs.

IDC 12-19:19:34.71.5, 29.745x178.17W, h225km, 15km, mb2.8/2, mb1 3.1/3, mb1mx2.9/4.1, mbtmp3.5/3, Error ellipse: s-maj=54.6km s-min=24.2km az=110.0, Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAO Raoul Island, Urewera, URZ, ASAR Alice Springs, WRA Warramunga Arr, FINES FINESS Array B.

MAN 12-19:23:33.712N:124.13E, h1km, mb3.5, ML2.2, MS1.6, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PAG Pagadian, BUKP Mususan.

IDC 12-19:24:15.13.0, 12.121N:87.90W, h128km, 26km, mb3.4/4, mb1 3.5/5, mb1mx3.1/5.1, mbtmp3.6/5, Error ellipse: s-maj=83.5km s-min=21.3km az=41.0, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JTS JuntasAbangare, TXAR Lajas Array, ULM Lac du Bonnet, YKA Yellowknife Arr, TORD Torodi Ar. Bea, CMAR Chiang Mai Arr.

IDC 12-19:24:17.2.2.6, 30.21S:177.32W, h0km, mb3.7/3, mb1 3.9/4, mb1mx3.7/40, mbtmp3.8/4, ML3.0/1, Error ellipse: s-maj=51.5km s-min=22.2km az=89.0, ISCJB 12-19:24:20.5.3.8, 30.39S:0.07:177.5W:0.5, h35km, mb3.6/3, Error ellipse: s-maj=66.4km s-min=6.2km az=3.9

IDC 12-19:24:21.4.2.5, 30.31S:0.08:177.3W:0.3, h35km, n6, +154S, mb3.8/3, Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAO Raoul Island, URZ Urewera, STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, FINES FINESS Array B.

ISCJB 12-19:25:34.1.0.6, 8.22S:0.07:74.31W:0.05, h150km, mb3.7/7, Error ellipse: s-maj=10.1km s-min=7.6km az=6.7, IDC 12-19:25:34.4.1.8, 8.12S:74.24W, h137km, 22km, mb3.6/7, mb1 3.6/12, mb1mx3.4/50, mbtmp4.0/12, MS3.1/2, Ms1 3.1/2, ms1mx2.6/41, Error ellipse: s-maj=25.4km s-min=14.1km az=42.0

ISC 12-19:25:35.4.0.7, 8.22S:0.08:74.32W:0.08, h150km, n13, +1614/14, mb3.9/7, Peru-Brazil border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ATAH Athualpa, ANA Nana, LPAZ La Paz, LPAZ La Paz, PTGA Pitinga, CPUP Villa Florida, PLCA Paso Flores, TXAR Lajas Array, DBIC Dibinkoro, KOWA Kowa, SNAE Sanae, TORD Torodi Ar. Bea, ESDC Sotese Array.

IDC 12-19:25:52.9.1.4, 1.25S:126.53E, h0km, mb3.2/4, mb1 3.4/5, mb1mx3.2/55, mbtmp3.3/5, ML3.3/1, Error

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

IDC 12-19:32:58.2.1.8, 9.82S:119.57E, h0km, mb3.4/1, mb1 3.5/5, mb1mx3.3/51, mbtmp3.3/5, ML3.2/4, MS4.0/1, Ms1 4.0/1, ms1mx2.9/26, Error ellipse: s-maj=73.4km s-min=23.6km az=47.0, ISCJB 12-19:33:02.9.0.7, 10.06S:0.07:119.79E:0.06, h33km, mb3.4/1, MS3.8/1, Error ellipse: s-maj=11.5km s-min=6.6km az=28.2, DJA 12-19:33:04.4.0.4, 10.10S:5.12E:0.1, h12km, 5km, M3.5/8, ML3.5/8

ISC 12-19:33:03.8.1.0, 9.91S:0.08:119.74E:0.05, h35km, n13, +2817/15, Sumba region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WBSI Waikabubak, BASI Baing, PLAI Plampang, EDFI Ende, MMRI Maumere, BSSI Bau Bau, BATT Baunata, IGBI Dimpasa, FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, PMG Port Moresby, MKAR Makanchi Array.

IDC 12-19:57:45.5.1.6, 3.64S:145.65E, h0km, mb3.7/5, mb1 3.9/6, mb1mx3.6/41, mbtmp3.7/6, ML3.7/1, MS3.5/4, Ms3 3.5/4, ms1mx3.0/39, Error ellipse: s-maj=50.9km s-min=23.0km az=110.0, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, DAV Davao City, ASAR Alice Springs, FITZ Fitzroy Crossi, JOW Kunigami, KSR Korea Array, CMAR Chiang Mai Arr, ZALV Zalesovo Beam, ILAR Eielson Array, YBH Yreka Blue Hor.

IDC 12-19:57:52.7.1.3, 34.22S:178.41W, h0km, mb4.0/5, mb1 4.2/6, mb1mx3.9/40, mbtmp4.1/6, ML4.3/1, Error ellipse: s-maj=37.8km s-min=29.3km az=156.0, ISCJB 12-19:57:54.3.1.0, 34.12S:0.06:178.3W:0.2, h35km, mb4.0/5, Error ellipse: s-maj=20.7km s-min=5.7km az=21.6, WEL 12-19:57:56.0.9.34, 34.7S:17.9W:1.6, h33km, ML4.5/12, ML4.6/13

ISC 12-19:57:56.1.1.1, 34.03S:0.08:178.2W:0.1, h35km, n51, +1940/53, mb4.1/5, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MXZ Matakaoa Point, WMGZ Waiomatatini S, GLKZ Green Lake, PKGZ Pakihiroa, PKAZ Pakihiroa, HAZ Te Kaha, PUZ Puketiti, RUGZ Raukumara Rang, RWGZ Raukumara Rang, TWGZ Tauwharepare, CNGZ Carnagh Statio, TKGZ Te Karaka, MWZ Matawai, URZ Urewera, URZ Urewera, URZ Urewera, RAGZ Rawiri, RAGZ Rawiri, RIGZ Rimumahu, PRGZ Ohinepanea, PRGZ Partur, SNGZ Shannon Statio, RTZ Ruatuhuna, MUZ Murupara, PRRZ Plateau Road, HAZ Charters Tower, BKZ Black Stump Fm, MCHZ McNeill Hill, OUCZ Omahuta, KWHZ Kaweka Forest, KAHZ Katurangi, BHHZ Black Hill Sta, MOVZ Moawhango, STKA Stephens Creek, CTA Charters Tower, ASAR Alice Springs, ASAR Alice Springs, WRA Warramunga Arr, FITZ Fitzroy Crossi.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MKAR Makanchi Array, ZALV Zalesovo Beam, FINES FINESS Array B, TORD Torodi Ar. Bea.

IDC 12-20:07:58.3.1.5, 25.30S:69.83E, h0km, mb3.7/8, mb1 3.9/8, mb1mx3.6/63, mbtmp3.7/8, Error ellipse: s-maj=48.7km s-min=25.0km az=33.0, Indian Ocean Triple Junction

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, CMAR Chiang Mai Arr, FITZ Fitzroy Crossi, ASAR Alice Springs, WRA Warramunga Arr, MKAR Makanchi Array, KURBB Kurchatov Arr, TORD Torodi Ar. Bea, ZALV Zalesovo Beam.

IDC 12-20:08:50.6.2.3, 38.45N:143.89E, h0km, mb3.5/3, mb1 3.7/5, mb1mx3.3/65, mbtmp3.6/5, ML3.4/2, Error ellipse: s-maj=45.1km s-min=30.1km az=80.0, ISCJB 12-20:08:53.7.1.0, 38.49N:144.143.54E:0.07, h15km, mb3.5/3, Error ellipse: s-maj=7.7km s-min=6.0km az=5.4, JMA 12-20:08:55.3.0.1, 38.48N:143.45E:0.10, h35km, n25, +2808/35, mb3.5/3, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like OFUJ Ofunato, OFUJ Ouri, JIO Jio, MIYJ Miyakonagasawa, JMK Ichinoseki, JOM Ohasaka, JOM Marumori, JMM Okura, JOU Okura, JFK Kawauchi, JFC Nango, JANG Nango, JRK Rokugo, JRG Kaneyama, JYK Otama, JFT Shirataka, JYS Shirataka, MJAR Matsushiro Arr, MJAR Matsushiro, MAT Matsushiro, JMT Hachijo jima 2, JHJ Hachijo jima 2, H1N2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, MKAR Makanchi Array, KURBB Kurchatov Arr, WRA Warramunga Arr.

MEX 12-20:10:39.6.0.1, 15.61N:96.38W, h5km, 999km, MD3.7, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HUIG Huatulco, HUIG Vista Hermosa, PNIJ Pinotepa.

IDC 12-20:14:50.9.1.1, 7.25S:109.84E, h0km, mb3.6/4, mb1 3.7/6, mb1mx3.4/60, mbtmp3.5/6, ML3.2/2, Error ellipse: s-maj=49.1km s-min=17.5km az=32.0, ISCJB 12-20:14:54.2.0.7, 8.65S:0.09:108.93E:0.06, h33km, mb3.4/4, Error ellipse: s-maj=14.0km s-min=5.4km az=29.0, DJA 12-20:14:55.7.1.1, 8.5S:10.9E, h23km, 9km, M3.9/11, ML3.9/11

ISC 12-20:14:56.0.1.0, 8.65S:0.10:108.94E:0.06, h35km, n15, +094/16, mb3.5/4, Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CISI Cisompot, UGM Wanganaga, SMRI Semarang, LEM Lembang, LEM Lembang, PCJJ Pacitan, SKJJ Sukubumi, PWJJ Pagerwojo, CGJJ Cibinong, GRJJ Grogol, GMJJ Gumukmas, FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array.

PGC 12-20:19:15.6.1.5, 50.68N:130.49W, h10km, MLSn3.1/16, Mw3.7/16, 216km west of Pt. Hardy, Bc Vancouver Island, Canada Region, Vancouver Island region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like HOLB Holberg, HBLC Brooks Peninsula, PACB Port Alice, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like SPITS Spitsbergen Ar, FINES FINESS Array B, HFS Hagners, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like BSD Bornholm Skovb, BSD Bornholm Skovb, CONA Conrad Observa, etc.

IDD 12 20:45:44.9±0.2, 8.11S; 119:37E, h0km, mb2.9/2, mb1 3.3/3, mb1mx3.0/58, mbtmp3.1/3, ML3.3/1, Error ellipse: s-maj=273.8km s-min=26.7km az=52.0, ISJCJB 12 20:46:04.7±1.0, 8.2S; 0.1, 120:00E:0.07, h200km, mb2.8/1, Error ellipse: s-maj=16.6km s-min=8.4km az=15.8, DJA 12 20:46:07.5±0.8, 8.1S; 8.12'00E, h170km, 7m, M2.8/3, MLV2.8/3, ISC 12 20:46:05.7±1.2, 8.2S; 0.1, 120:00E:0.07, h200km, n8, r+106/10, Flores region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like WBSI Waikabubak, Su, EDFI Ende, Flores, BASH Baing, Sumba, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like STHS Stebnicka Huta, MOA Molln, MOA Molln, etc.

NIED 12 20:25:00, 21.50N, 120.90E, h8km, Mw4.2 Best double couple: M2:57000x1015 N1:3228.00000, 3.80000, 1.89.00000, N2:3948.00000, 652.00000, 3.90.00000, IDC 12 20:25:35.5±0.7, 21.251N, 121.141E, h8km, ml1.14, mb1 3.9/4.1, mb1mx2.0/36, mbtmp3.7/14, MS3.0/1, Ms1 3.2/1, ms1mx2.4/66, Error ellipse: s-maj=32.4km s-min=16.3km az=66.0, JMA 12 20:25:38.8±0.2, 21.47N, 120.88E, h30km, M4.1, ISJCJB 12 20:25:41.0±0.6, 21.60N; 0.04; 120:91E:0.03, h50km, 4km, mb3.7/13, MS2.8/1, Error ellipse: s-maj=7.6km s-min=4.6km az=169.6, TAP 12 20:25:40.6, 21.60N; 120:88E, h47km, ML3.9, D, ISC 12 20:25:41.2±0.8, 21.58N; 0.06; 120:84E:0.04, h39km, 1km, n48, r+668/70, mb3.5/13, 3C-1D, Taiwan region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like WBSI Waikabubak, Su, EDFI Ende, Flores, BASH Baing, Sumba, etc.

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

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like TSEB Hengchun, Pin, TSEB Hengchun, TWK1 Hengchun, etc.

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

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

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like EAST Anshuo, EAST Anshuo, LAY Lan-yu, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like DPC Dobruska-Polom, DPC Dobruska-Polom, PVCC Panska Ves, etc.

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

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

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

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KEST Kesra, ARCES ARCES Array B, JMJC Jan Mayen, etc.

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

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like RAC Raciborz, RAC Raciborz, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like NIED 12 20:58:00, 38.20N, 142.50E, h35km, Mw3.9 Best double couple: M8:46000x1014 N1:198.00000, 341.00000, 1.69.00000, N2:351.00000, 652.00000, 1.1-107.00000, ISJCJB 12 20:58:03.4±1.0, 38.22N; 0.04; 142.45E:0.07, h39km, 8km, mb3.8/19, MS3.5/1, Error ellipse: s-maj=9.9km s-min=6.4km az=6.8, JMA 12 20:58:03.2±0.1, 38.27N; 142.45E, h36km, 2km, M4.0, JMA Felt J1, IDC 12 20:58:04.6±0.6, 38.21N; 142.48E, h34km, 4km, mb3.6/19, mb1 3.8/23, mb1mx3.7/68, mbtmp3.9/23, ML3.3/4, MS3.1/3, Ms1 3.2/3, ms1mx2.5/61, Error ellipse: s-maj=15.1km s-min=13.2km az=105.0, ISC 12 20:58:04.7±0.6, 38.24N; 0.04; 142.42E:0.06, h34km, 2km, n5, r+139/58, mb3.9/20, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like CHN4 Tsaushan, CHN4 Tsaushan, TWF1 Yuli, etc.

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

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

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, SONM Sogino Array, etc.

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

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like ASAJ Asahikawa, ASAJ Asahikawa, USRU Ussuriysk Arr, etc.

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, Code. Includes stations like WAKE ISLAND, Zalesovo Beam, Makanchi Array, Kurchatov Arra, etc.

ISCJB 12:21:04:45.4.0.22:59S:0.06:66:29W:0.04, h251km, mb3.6/3, Error ellipse: s-maj=3.0km s-min=5.1km az=11.8 SJA 12:21:04:45.6.0.6.22:56S:66:17W, h252km, 12km, ML3.0, MW3.6 GUC 12:21:04:46.5.0.5.22:47S:66:95W, h302km, 11km, ML4.8 IDC 12:21:04:54.3.2.7.21:75S:65:87W, h313km, 18km, mb3.4/3, mb1 3.3/6, mb1mx3.0/42, mbtmp 3.9/6, Error ellipse: s-maj=44.4km s-min=20.2km az=40.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Yavi, Humahuaca, Zapla, Santa Barbara, etc.

IDC 12:21:05:26.6.2.4.32:79N:85:19E, h0km, mb3.0/3, mb1 3.2/6, mb1mx3.0/68, mbtmp 3.0/6, ML2.9/3, MS2.5/1, Ms1 2.5/1, ms1mx2.1/20, Error ellipse: s-maj=71.7km s-min=22.4km az=71.0 ISCJB 12:21:05:27.2.0.6.32:96N:0.05:85:3E:0.2, h10km, mb3.0/2, Error ellipse: s-maj=20.0km s-min=7.2km az=179.1 DMN 12:21:05:40.0.0.2.32:00N:85:06E, h10km, Error ellipse: s-maj=999.9km s-min=999.9km az=0.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Piuthan, Daman, Koldanda, JIRN, etc.

ZALV Zalesovo Beam 21.01 360 P P 21 10 14.0 +2.0 0.4nm, 0.5s, baz=177, slow=11, SNR=2.5 SOMN Sogino Array 21.90 41 P P 21 10 21.9 0.0 0.2nm, 0.5s, baz=230, slow=12, SNR=3.3 WRA Warramunga Arr 70.53 131 P P 21 16 42.4 -1.5 0.2nm, 0.7s, baz=325, slow=6.3, SNR=4.1

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

GEN 12:21:11:08.5.0.143:78N:8:41E, h2km, ML3.0 CSEM 12:21:11:08.4.0.2.43:78N:8:40E, h12km, ML3.4/35, Error ellipse: s-maj=4.7km s-min=2.9km az=170.0 ROM 12:21:11:08.8.0.2.43:83N:8:40E, h12km, 3km, Md2.9/16, MIs, 0/21, Error ellipse: s-maj=4.1km s-min=1.8km az=152.0 LDG 12:21:11:08.5.0.1.43:77N:8:46E, h5km, Md3.2/3, MIs, 4/27, Error ellipse: s-maj=2.0km s-min=1.6km az=167.0 ISCB 12:21:11:09.7.0.4.43:85N:0:03:8:37E:0.02, h22km, 3km, Error ellipse: s-maj=4.4km s-min=2.5km az=165.0 STR 12:21:11:12.2.0.3.43:91N:0:02:8:26E:0.02, h10km, MLv3.2/14

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

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

Table with columns: SMF, HAU, ECH, JAV, AVF, AVF, AVF, MYKA, MYKA, MYKA, CAF, CAF, CAF, CDF, CDF, CDF, LOR, LOR, LOR, LOR, THEF, THEF, SSF, SSF, KBA, KBA, BGF, BGF, BGF, BGF, SFTF, SFTF, VISS, TCF, TCF, PAGF, PAGF, OBKA, MEZF, MEZF, MOA, EPF, ARSA, ARSA, KHC, KHC, KHC, CONA, CONA, BAIF, BAIF. Includes station names, coordinates, and various codes.

WEL 12:15:39.9-1.0, 34°S x 17°9'W, h33km, ML4.5/10
IDC 12:15:39.4-2.1, 33.92S x 178.80W, h0km, mb4.1/3,
mb1.4/3.4, mb1mx3.8/4.1, mbtmp4.2/4, ML4.4/1, MS3.2/1,
Ms1.3/2.1, ms1mx2.4/3.8, Error ellipse: s-maj=51.3km
s-min=33.9km az=127.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MATAKAOA, GREEN LAKE, WAIOMATATINI, etc.

Table with columns: WRA, FITZ, FINES, MMAI, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WARRAMUNGA ARR, FITZROY CROSSI, etc.

IDC 12:21:24:56.1±1.2, 10.66N x 141.01E, h0km, mb3.5/6,
mb1.3/7.6, mb1mx3.4/5.6, mbtmp3.5/6, Error ellipse:
s-maj=44.8km s-min=27.6km az=87.0, Western Caroline
Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WARRAMUNGA ARR, SONMI, MKAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EZZV, Pinedale Array, CHAMELA, etc.

ISC 12:21:45:13.6±0.9, 19.04N x 106.106±0.16W, h5km, MD4.1
ISC 12:21:45:13.6±0.9, 19.04N x 106.106±0.16W, h5km, MD4.1
s-min=33.9km az=127.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SOCORRO T-PHASE, MATIAS ROMERO, etc.

Table with columns: I39A, I41A, ECSD, PV10, H367, SADO, H35A, G38A, G39A, SPMN, F36A, E39A, F33A, E34A, C35A, TPNV, PDAR, HWUT, R11A, C31A, B34A, AGMN, B32A, A33A, A32A, NVAR, NVAR, ULM, HLD, HLID, BOZ, SCHO, FRB, YKA, YKA, INK, ILAR, ILAR, ESDC, EKA, NOA, TORD, CLL, SONM, GEYT, MKAR, KSRS, KSAR, ASAR, WRA, CMAR. Each row contains station name, frequency, power, and other technical details.

ISCBJ 12 23:05:25.0, 51.65N, 176.93W, 0.05, h51km, 3km, mb4.3/28, MS2.9/1, Error ellipse: s-maj=10.3km s-min=4.3km az=166.7

NEIC 12 23:05:25.8, 0.6, 51.55N, 176.95W, h40km, 5km, mb4.3/29, ML2.3/(A/E/C), Error ellipse: s-maj=9.9km s-min=5.3km az=169.0

IDC 12 23:05:26.7, 2.2, 51.59N, 176.86W, h51km, 17km, mb3.5/10, mb1.3/9/1, mb1.9mx3.5/40, mbtmp3.6/3, ML3.3/1, MS3.1/2, MS1.3/2, ms1mx2.5/166, Error ellipse: s-maj=26.3km s-min=16.8km az=166.0

ISC 12 23:05:25.9, 0.1, 51.57N, 176.94W, 0.04, h44km, 7km, n85, c111/94, mb4.4/28, Andeanof Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like KIKV, KIRH, ADAG, TAPA, TAFL, GSCX, GSTD, TAFP, TANO, GAEA, KOWE, KOKL, KOKV, KOKV, KOPF, MREP, MSW, UNV, SPIA, KDAK, KDAK, KDAK, HOM, SPU, PPLA, CAST, KTH, TRF, BPWF, MID, RND.

Table with columns: MLY, MCK, DHY, SEY, MDM, ILAR, ILAR, ILB, COLD, MENT, MIDW, INK, INK, H11N2, H11N3, H11N1, YKA, YKA, YKA, H11S2, H11S3, TDH, TDH, NEW, BEKR, KSRS, PNTR, MCMT, RYN, BOZ, NVAR, PHAM, H17A, HVU, RLMT, R11A, TPNV, DUG, BW06, PD31, PD31, PDAR, GSC, SRU, W13A, SONM, PV01, HHC, MVCO, LZH, LZH, LZH, TX31, TXAR, ARCES, CD2, WRO, WRA, ASAR, TORD, BOSB, VTS, VTS, VTS, VTS, ZAPS, MPEP, KKB, BARS, BARS, PLD, PLD, ZAGS, ZAGS, ZAGS, VAY, RZN, BOVS, BOVS, BOVS, PVL, SELS, KRUS, SRE, SRE, SRE. Each row contains station name, frequency, power, and other technical details.

SOF 12 23:08:46.9, 4.2, 62.68N, 23.27E, h15km, MD2.6 CSEM 12 23:08:47.3, 0.3, 42.59N, 23.22E, h20km, ML2.0, Error ellipse: s-maj=7.6km s-min=3.9km az=30.0

BEQ 12 23:08:47.3, 0.3, 42.62N, 23.19E, h13km, MZ, 0/8 ISC 12 23:08:47.5, 0.9, 42.66N, 0.003, 23.24E, 0.02, h14km, 6km, n44, c089/61, 8C-2D, Bulgaria

Code, Station Name, Az, Phase ID, Time, Res. Lists stations like VTS, VTS, VTS, VTS, ZAPS, MPEP, KKB, BARS, BARS, PLD, PLD, ZAGS, ZAGS, ZAGS, VAY, RZN, BOVS, BOVS, BOVS, PVL, SELS, KRUS, SRE, SRE, SRE.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like WTS, WTS, WTS, WTS, ZAPS, MPEP, KKB, BARS, BARS, PLD, PLD, ZAGS, ZAGS, ZAGS, VAY, RZN, BOVS, BOVS, BOVS, PVL, SELS, KRUS, SRE, SRE, SRE.

Table with columns: SRE, KUBS, KUBS, KUBS, GRUS, GRUS, HUMR, MDVR, MDVR, DIVS, DIVS, DIVS, DIVS, LOT, LOT, ARR, BANR, BZS, BZS, SIRR, DRGR. Each row contains station name, frequency, power, and other technical details.

IDC 12 23:21:53.5, 1.8, 21.70S, 66.38W, h0km, mb4.0/1, mb1.3/8.3, mb1mx3.5/40, mbtmp3.6/3, ML3.6/2, Error ellipse: s-maj=52.8km s-min=25.5km az=76.0 GUC 12 23:22:00.0, 0.5, 21.65S, 68.54W, h137km, 5km, ML3.2 ISC 12 23:22:02.1, 1.2, 21.64S, 60.68W, 0.2, h135km, 14km, n10, c146/18, 6C, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like PB09, PB09, PB01, PB01, PB07, PB07, PB02, PB02, PB06, PB06, PB04, PB04, MNMC, MNMC, LPAZ, LPAZ, PLCA, PLCA, TORD, TORD.

MAN 12 23:37:40, 11.03N, 124.70E, h5km, mb4.3, ML3.1, MS2.8, 2C, Leyte

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like OCLP, OCLP, BESP, BESP, LLLP, LLLP, CNP, CNP, RCP, RCP, BUKP, BUKP.

IDC 12 23:42:54.1, 2.1, 1.02N, 126.27E, h0km, mb3.0/3, mb1.3/3.3, mb1mx3.1/54, mbtmp3.1/3, Error ellipse: s-maj=197.0km s-min=25.2km az=65.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like WRA, WRA, ASAR, ASAR, MKAR, MKAR.

ISCJB 12 23:48:21.4, 0.8, 10.99N, 124.76E, 0.05, h8km, 6km, mb3.5/6, MS2.7/1, Error ellipse: s-maj=6.9km s-min=5.5km az=66.0

MAN 12 23:48:21.1, 11.02N, 124.72E, h2km, mb4.4, ML3.2, MS3.0 IDC 12 23:48:22.4, 1.1, 10.28N, 123.46E, h0km, mb3.5/6, mb1.3/6.6, mb1mx3.4/56, mbtmp3.5/6, MS2.8/1, Ms1.3/0.1, ms1mx2.4/34, Error ellipse: s-maj=182.6km s-min=18.1km az=66.0

ISC 12 23:48:22.1, 1.1, 11.03N, 124.73E, 0.04, h5km, 8km, n16, c1955/20, mb3.5/6, 2C-1D, Leyte

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like OCLP, OCLP, PLP, PLP, BESP, BESP, LLLP, LLLP, SCPH, SCPH, CNP, CNP, BUKP, BUKP, CMAR, CMAR, WRA, WRA, ASAR, ASAR, SONK, SONK, STKA, STKA, MKAR, MKAR, KURBB, KURBB, PLCA, PLCA.

IDC 12 23:51:26.6, 1.2, 12.38N, 143.97E, h0km, mb3.3/4, mb1.3/5.4, mb1mx3.3/54, mbtmp3.3/4, MS2.0/1, Ms1.2/0.1, ms1mx2.0/22, Error ellipse: s-maj=37.6km s-min=18.5km az=111.0, South of Mariana Islands

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like H1S3 WAKE ISLAND, H1S1 WAKE ISLAND, H1S2 WAKE ISLAND, etc.

ISCJB 13 00:06:27.5, 2.1, 28.72S, 0.04, 71.6W, 0.1, h2km, 14km, mb3.5/4, Error ellipse: s-maj=18.4km s-min=5.9km az=176.8

IDC 13 00:06:27.4, 1.1, 28.36S, 71.08W, h0km, mb3.7/4, mb1 3.9/8, mb1mx3.7/38, mbtmp3.6/8, ML3.8/4, Error ellipse: s-maj=33.2km s-min=25.6km az=9.0

GUC 13 00:06:28.5, 0.5, 28.77S, 70.39W, h81km, 7km, ML3.9

ISC 13 00:06:27.1, 1.4, 28.77S, 0.03, 71.34W, 0.06, h14km, 9km, n22, c1981/26, mb3.7/4, 1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Las Campanas, Tololo Astron, Tololo Observa, Copiapo, Caldera, etc.

IDC 13 00:17:14.3, 2.4, 33.75S, 178.81W, h0km, mb3.7/2, mb1 4.0/3, mb1mx3.7/38, mbtmp3.8/3, ML3.8/1, Error ellipse: s-maj=65.1km s-min=42.3km az=135.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like URZ Urewera, ASAR Alice Springs, WRA Warramunga Arr, MKAR Makanchi Array, FINES FINES Array B, etc.

SJA 13 00:26:43.5, 0.9, 28.47S, 71.82W, h11km, ML3.8, MW3.4

IDC 13 00:26:46.2, 1.6, 29.12S, 71.30W, h0km, mb3.5/1, mb1 3.5/1, mb1mx3.1/36, mbtmp3.5/1, Error ellipse: s-maj=166.5km s-min=70.3km az=151.0

GUC 13 00:26:51.0, 0.6, 28.88S, 71.43W, h35km, 4km, ML3.5

ISC 13 00:26:46.9, 1.9, 28.87S, 0.04, 71.58W, 0.07, h4km, 11km, n21, c1993/29, 2D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Las Campanas, Tololo Astron, Copiapo, GUANDACOL, etc.

comp=Z,0.2nm,0.8s,baz=318,slow=1.6,SNR=4.1

JMA 13 00:33:09.4, 0.1, 38.47N, 142.24E, h27km, 2km, M3.5, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Ouri, Ofunato, Ichinoseki, Okura, Ohasama, Marumori, etc.

IDC 13 00:37:39.6, 12.0, 29.46S, 70.86W, h0km, mb3.7/1, mb1 3.7/1, mb1mx3.3/36, mbtmp3.7/1, Error ellipse: s-maj=833.5km s-min=117.7km az=4.0, Central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Torodi Ar. Bea, Kurbb Kurchatov Arr, ZALV Zalesovo Beam, MKAR Makanchi Array, etc.

IDC 13 00:49:29.7, 0.5, 13.94S, 40.96E, h0km, mb4.5/32, mb1 4.6/35, mb1mx4.5/56, mbtmp4.5/35, ML4.7/3, MS3.8/30, s-min=12.0km, ms1mx3.7/59, Error ellipse: s-maj=14.5km

MOS 13 00:49:29.5, 1.0, 13.89S, 40.85E, h10km, mb4.9/46, Error ellipse: s-maj=9.7km s-min=5.2km az=90.6

ISCJB 13 00:49:29.7, 0.2, 13.88S, 0.03, 40.94E, 0.03, h10km, mb4.7/89, MS3.9/34, Error ellipse: s-maj=5.4km s-min=4.1km az=143.9

BUL 13 00:49:30.0, 13.46S, 40.43E, h12km, mb4.6/31, mb5.0/21, Ms4.7/11, Ms7.4/10

EAF 13 00:49:31.8, 3.5, 13.94S, 41.16E, h23km, 632km, MD5.3

NEIC 13 00:49:31.3, 0.2, 13.93S, 40.89E, h10km, mb5.0/29, Error ellipse: s-maj=5.9km s-min=4.4km az=65.0

NEIC Felt at Mocoambique and Pamba

LSZ 13 00:49:44.3, 0.3, 11.14S, 39.04E, h10km, MD5.6

BUL 13 00:49:57.2, 4.4, 14.73S, 39.66E, h123km, 92km, MD5.3

ISC 13 00:49:31.4, 0.3, 13.86S, 0.05, 40.92E, 0.04, h10km, n456, c157/47, mb4.8/90, MS4.0/35, 14C-11B, Mozambique

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Malm Malindi, MAM Ambohitramp, OPO, ABPO Ambohimanom, etc.

ITZ Riviere de l'E 15.89 119 ePn Sn 00 55 11.1 -28

MBAR Mbarara 16.59 322 Pn 00 53 22.7 -1.7

MBAR Mbarara 16.59 322 ePn Sn 00 56 14.4 -14

MBAR Mbarara 16.59 322 ePn Pn 00 53 23.1 -1.3

MBAR Mbarara 16.59 322 ePn Pn 00 53 23.1 -1.3

MBAR Mbarara 16.59 322 ePn Pn 00 53 23.1 -1.3

MBAR Mbarara 16.59 322 ePn Pn 00 53 23.1 -1.3

MBAR Mbarara 16.59 322 ePn Pn 00 53 23.1 -1.3

MBAR Mbarara 16.59 322 ePn Pn 00 53 23.1 -1.3

MBAR Mbarara 16.59 322 ePn Pn 00 53 23.1 -1.3

MBAR Mbarara 16.59 322 ePn Pn 00 53 23.1 -1.3

MBAR Mbarara 16.59 322 ePn Pn 00 53 23.1 -1.3

MBAR Mbarara 16.59 322 ePn Pn 00 53 23.1 -1.3

MBAR Mbarara 16.59 322 ePn Pn 00 53 23.1 -1.3

MBAR Mbarara 16.59 322 ePn Pn 00 53 23.1 -1.3

MBAR Mbarara 16.59 322 ePn Pn 00 53 23.1 -1.3

comp=Z,45nm,0.7s

TSUM Tsumeb 22.98 253 i P P 00 54 36.9 +0.3

WIN Windhoek 24.20 246 i P P 00 54 49.5 +0.8

WIN Windhoek 24.20 246 i P P 00 54 49.5 +0.8

ATD Arta Tunnel 25.30 4 P P 00 54 59.9 +1.5

ATD Arta Tunnel 25.30 4 eP LR 01 06 28.1

ATD Arta Tunnel 25.30 4 eP LR 00 54 58.0 -0.4

KJAB KAMANJAB 26.00 254 i P P 00 55 00.1 -1.1

KJAB KAMANJAB 26.00 254 i P P 00 55 00.1 -1.1

WP21 53376 25.60 254 i P P 00 55 03.1 +1.9

WP04 53369 25.84 250 eP P 00 55 04.5 +1.1

Sutherland 26.03 222 P P 00 55 05.4 +0.3

SUR comp=Z,0.8nm,0.9s,baz=137,slow=19,SNR=2.1

SUR Sutherland 26.03 222 eP LR 01 06 35.3

SUR Sutherland 26.03 222 eP LR 00 55 03.9 -1.2

WP05 53371 26.11 252 i P P 00 55 05.9 0.0

WP02 53380 26.25 250 eP P 00 55 07.7 +0.7

WP22 53383 26.48 233 eP P 00 55 10.3 +1.1

KOMG Komaggas 26.84 230 i P P 00 55 13.0 +0.8

KOMG Komaggas 26.84 230 i P P 00 55 13.0 +0.8

RAYN Ar Rayn 37.42 7 eP P 00 56 45.8 +0.8

PALK comp=Z,5.2nm,1.1s

ASF Jabal al Asfar 44.72 64 i P P 00 57 42.9 -2.4

MMAI Mount Meron Arr 46.91 354 P P 00 58 04.0 +1.7

MMAI comp=Z,6.7nm,0.8s,baz=163,slow=10,SNR=7.6

MMAI comp=Z,1.04nm,20.0s,baz=290,slow=36

TOAO Torodi Arr. Sit 47.23 303 eP P 00 58 05.5 +0.5

TORD Torodi Arr. Bea 47.23 303 eP P 00 58 05.4 +0.5

TORD comp=Z,1.2nm,0.8s,baz=117,slow=8.0,SNR=9.1

TORD comp=Z,1.2nm,0.8s,baz=92,slow=9.2,SNR=12

TORD comp=Z,2.65nm,21.2s,baz=115,slow=36

HYB Hyderabad 48.43 51 P P 00 58 15.0 +0.7

KIC Kosan Boka 49.57 291 eP P 00 58 23.1 -0.1

LIB Lamto 49.78 291 eP P 00 58 24.8 +0.1

DBIC Dimbokro 49.80 291 P P 00 58 25.2 +0.3

DBIC comp=Z,2.78nm,18.7s,baz=96,slow=36

DBIC Dimbokro 49.80 291 eP pmax 00 58 25.8 +0.9

DBIC comp=Z,1.4nm,0.8s

DBIC Dimbokro 49.80 291 eP P 00 58 25.8 +0.9

TIC Toumodt 49.94 291 eP P 00 58 26.3 +0.3

TAM Tamarrast 50.29 316 eP P 00 58 29.6 +1.0

TAM comp=Z,1.2nm,1.1s

MARD Mardin 50.90 360 eP P 00 58 34.3 +1.4

MALT Malatya 51.95 358 P P 00 58 43.0 +2.2

KOWA Kowa 52.65 360 P P 00 58 46.8 +0.5

KOWA comp=Z,3.8nm,0.6s,baz=112,slow=5.9,SNR=19

KOWA Kowa 52.65 360 P P 00 58 47.9 +1.6

LKRN Lenkeran, Azer 52.81 8 P P 00 58 48.7 +1.7

NAX Nakhchivan 52.93 4 P P 00 58 49.7 +1.7

KOPT Kop Dagi 53.60 360 eP P 00 58 54.0 +0.8

BR13 Keskin Array S 53.74 353 eP P 00 58 55.4 +1.4

BRTR Keskin Array B 53.74 353 P P 00 58 55.0 +1.0

BRTR Keskin Array B 53.74 353 i P P 00 58 55.0 +1.0

GNI Garni 53.85 4 eP P 00 58 54.5 -0.3

GNI comp=Z,1.1nm,0.9s,baz=228,slow=3.6,SNR=9.8

GNI Garni 53.85 4 eP P 01 23 40.4

GNI Garni 53.85 4 eP P 00 58 55.4 +0.6

GNI comp=Z,5.8nm,1.7s

GNI Garni 53.85 4 eP P 00 58 55.6 +0.8

BR231 Keskin MP Arra 53.96 352 eP P 00 58 56.0 +0.4

GEYT Alibeck 53.99 17 P P 00 58 56.4 +0.7

GEYT comp=Z,4.8nm,0.9s,baz=212,slow=5.3,SNR=18

GEYT comp=Z,5.1nm,18.2s,baz=165,slow=19

GANJ Ganja 54.46 5 P P 00 59 00.9 +1.8

MNGR Mingchevir, A 54.46 6 P P 00 59 02.2 +1.7

AKH Akhalkalaki 55.04 2 P P 00 59 05.3 +1.8

AKH comp=Z,3.1nm,1.4s

KBL Kabul 55.06 28 eP P 00 59 05.0 +1.2

KBL comp=Z,1.0nm,0.8s

KEBA Kabul 55.06 28 eP P 00 59 05.0 +1.2

SEKA Sheki 55.10 6 P P 00 59 05.5 +1.7

SYO Syowa Base 55.12 1811 eP P 00 59 02.8 -0.6

SYO Syowa Base 55.12 1811 eP sP 00 59 04.8 +0.5

DELISI Delisi 55.42 3 P P 00 59 07.5 +1.4

ZKTA Zakatala 55.47 5 P P 00 59 08.2 +1.8

MAW Mawson 55.59 170 LR LR 01 19 44.0

ZEI Tsey 56.43 3 eP P 00 59 13.1 -0.4

VAE Valguarnera 56.82 335 LR LR 01 23 54.4

NEV Neytrino 56.85 2 i P P 00 59 17.7 +1.3

GROC Groznyy 56.96 4 eP P 00 59 17.3 +0.4

GROC comp=Z,2.0nm,0.8s

NCK Naichik 57.13 2 i P P 00 59 19.8 +1.6

NCK comp=Z,1.0nm,0.3s

KBZ Khabaz 57.34 2 P P 00 59 20.1 +0.6

KIV Kislovodsk 57.56 2 eP P 00 59 22.0 +0.7

KIV comp=Z,1.7nm,1.0s

KIV Kislovodsk 57.56 2 eP LR 00 59 22.0 +0.7

KIV comp=Z,5.0nm,16.0s

KIV Kislovodsk 57.56 2 eP LR 01 24 41.9

KVAR Kislovodsk Arr 57.56 2 LR LR 00 59 23.9 +1.7

KEST Kesra 57.67 330 P P 00 59 25.0 +1.7

KEST comp=Z,7.5nm,0.9s,baz=298,slow=4.4,SNR=5.6

PYUN Piuthan 58.30 44 eP P 00 59 27.0 0.0

GOLF Golfdanda 58.51 45 eP P 00 59 28.3 -0.2

GOLF Golfdayskye 58.67 2 i P P 00 59 29.7 +0.8

GOLF comp=Z,4.6nm,1.0s

DANN Dangsing 58.99 44 eP P 00 59 31.9 0.0

DMN Daman 59.45 46 eP P 00 59 34.8 -0.3

PKI comp=Z,2.1nm,1.2s

PKI comp=Z,3.2nm,1.2s

PKI comp=Z,1.7nm,0.8s

PKI comp=Z,3.4nm,0.9s

JIRN Jiri 60.24 47 eP P 00 59 40.3 -0.3

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

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like PAB San Pablo, BFO Black Forest, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like XAN ARCES, SONM Songino Array, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like OXF, X45A, R42A, M39A, H36A, Y45A, D33A, G35A, Q41A, S42A, S40A, Z45A, L38A, CCM, R41A, N39A, 346A, 446A, E33A, A40A, T42A, O39A, Q40A, M38A, J36A, U42A, C31A, F33A, T41A, P39B, R40A, 244A, U41A, S40A, R39A, Q38A, S39A, U40A, ECSD, V40A, T39A, H32A, S38A, U39A, V39A, T38A, S37A, 542A, P35A, V38A, T37A, Q35A, W38A, U37A, 541A, P34A, V37A, KSU1, DGMT, BGNE, T36A, Q34A, X37A, T35A, R34A, T34A, LAO, WHTX, OGNE, WMOK, RLMT, N23A, BZOA, ISCO, MSO, Q24A, PDAR, S22A, HWUT, HLWD, PV01, TXAR, MVCO.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like MNTX, MFID, DUG, DUG, F04D, G05D, 121A, 121A, G03D, I05D, WVOR, WVOR, J05D, I04A, WUAZ, WUAZ, J04D, I03D, MOD, MOD, I04D, HUMO, HUMO, TUC, TUC, TUC, M04C, L02D, YBH, M02C, TPNV, NVAR, N02D, PDMCI, O03D, NEE2, GRAC, FURC, 214A, SHOC, TUC, Y12C, GMRC, IRM, MPMC, CWC, GSC, HEC, GLA, BC3, BELC, LRMC, ISA, SWSC, PFO, EDW2, IKP, BFSC, ARVC, MURC, SMMC, PKM, NIED, IDC, ISJCJB, JMA, ISC, Code, Station Name, Frequency, Power, and other technical details.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like H11N2, H11N1, H11N3, H11S1, H11S2, SONM, MKAR, KURBB, ILAR, WRA, ASAR.

ISK 13 01:02:16.1, 39:76N:04:76E, h5km, ML2.6/2
ISCJB 13 01:02:17.3, 0.6, 39:80N:05:40:81E, 0.05, h9km, Error
CSEM 13 01:02:17.0, 0.2, 39:76N:04:79E, h1km, 3km, ML2.6, Error
DDA 13 01:02:17.1, 39:81N:04:86E, h7km, ML2.6
ISC 13 01:02:17.4, 1.0, 39:78N:04:40:81E, 0.03, h9km, n17,
0:062Z,3, Turkey

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like ECAT, ECAT, K0PT, ERZM, ERZM, BAYB, BAYB, BAYT, BAYT, EUZM, EUZM, H0MI, PTK, PTK, AGRB, AGRB, AGRB.

MAN 13 01:06:34, 18:11N:121:36E, h26km, mb4.2, ML3.0, MS2.7,

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like CVP, CVP, GSCP, GSCP, ABRA, CAUP, CAUP.

PRE 13 01:07:50.9, 2.1, 26:33S:27:42E, h2km, ML3.5
ISCJB 13 01:07:51.4, 0.5, 26:39S:27:47E, 0.03, h10km, 3km,
n15, c158Z/27, South Africa

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like WDLM, WDLM, KLOF, KLOF, PRYS, PRYS, ERPM, ERPM, TLEK, TLEK, SLR, SLR, SWZ, SWZ, LBTT, LBTT, BOSA, BOSA, KSD, KSD, HVD, HVD, SOE, SOE, ARMS, ARMS, KOMG, KOMG.

JSN 13 01:09:24.1, 0.7, 19:43N:77:78W, h11km, 4km, MD4.2, 3C-5D, Cuba region

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like MBJ, MBJ, BBJ, BBJ, MCJ, MCJ, H0CJ, H0CJ, STH, STH, CMJ, CMJ.

DDA 13 01:15:39.9, 36:82N:27:32E, h17km, M13.4,
IDC 13 01:15:39.5, 1.3, 36:85N:27:40E, h0km, mb3.5/6,
mb1 3.7/9, mb1mx3.0/87, mbmtb3.6/9, ML3.7/3, Error
mb3.6/6, Error ellipse: s-maj=50.5km s-min=20.4km az=87.0
ISCJB 13 00:58:30.5, 0.7, 36:40N:04:143:45E, 0.05, h33km,
mb3.6/6, Error ellipse: s-maj=6.2km s-min=5.5km az=5.4
JMA 13 00:58:31.2, 0.2, 36:40N:143:41E, h52km, M3.7
ISC 13 00:58:32.5, 1.1, 36:35N:05:143:47E, 0.08, h35km, n29,
c160Z,36, mb3.6/6, Off east coast of Honshu

ISCJB 13 01:15:41.0.0.4, 36.83N, 01:02:27.35E, 0.03, h14km, 3km, mb3.2/3, MS3.3/1, Error ellipse: s-maj=4.2km s-min=3.6km az=13.5

ATH 13 01:15:40.7, 36.79N, 27.36E, h31km, ML3.0/5, Error ellipse: s-maj=1.8km s-min=0.9km az=239.0

CSEM 13 01:15:41.1, 0.1, 36.83N, 27.35E, h10km, ML3.2, Error ellipse: s-maj=3.3km s-min=2.9km az=36.0

ISC 13 01:15:40.8, 0.9, 36.83N, 02:27.37E, 0.02, h12km, 7km, n104, 0.074/122, mb3.3/3, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Lists various stations and their parameters.

KURSB Kurchatov Arra 38.68 53 P P 01 23 04.7 +0.5

MOS 13 01:18:41.9, 0.9, 41.65N, 48.45E, h13km, mb4.0/1, Error ellipse: s-maj=10.7km s-min=6.1km az=44.7

ISCJB 13 01:18:43.2, 0.9, 41.64N, 01:04:48.38E, 0.06, h20km, Error ellipse: s-maj=7.8km s-min=4.8km az=34.9

CSEM 13 01:18:43.0, 0.5, 41.74N, 48.34E, h2km, mb4.0, Error ellipse: s-maj=8.8km s-min=6.1km az=126.0

TIF 13 01:18:43.7, 41.68N, 48.20E, h22km

ISC 13 01:18:45.0, 0.9, 41.67N, 01:03:48.27E, 0.04, h20km, n56, r176/82, 2C-6D, Eastern Caucasus

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Lists various stations and their parameters.

MEX 13 01:19:51.0, 1.0, 8, 19.15N, 104.10W, h20km, 42km, MD4.0, Near coast of Jalisco

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Lists stations like EZSV, EJVZ, CJM, etc.

SJA 13 01:28:32.1, 0.4, 35.36S, 70.40W, h253km, 6km, ML4.0, MW3.7

ISCJB 13 01:28:36.8, 0.3, 35.06S, 0.03:71.16W, 0.05, h91km, 2km, mb4.2/20, Error ellipse: s-maj=7.6km s-min=3.9km az=23.8

GUC 13 01:28:37.3, 0.5, 35.07S, 71.17W, h89km, 2km, ML4.3

NEIC 13 01:28:37.0, 0.0, 35.07S, 71.17W, h90km, mb4.7/12, ML4.2(GUC), After GUC.

NEIC Fell [I] at Curico, Penco, Rio Claro, San Clemente and Talca, [II] at Chépica, Chimbarongo, Colbun, Constitución, Linares, Molina, Parral, Pichilemu and Villa Alegre. Also felt at Bunt, Paine and Quillota.

JDC 13 01:28:38.0, 0.7, 34.98S, 70.96W, h86km, 5km, mb3.8/12, mb1.3/9.15, mb1mx3.8/34, mbmp4.1/15, Error ellipse: s-maj=22.0km s-min=13.8km az=75.0

ISC 13 01:28:37.5, 0.5, 35.02S, 0.03:71.21W, 0.05, h89km, 4km, h89km, pp-P, n72, r199/95, mb4.2/20, 1C, Central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Lists various stations and their parameters.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WPHZ, TSZ, PRH, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like FITZ, WRA, WRR, etc.

ISC 13 03:39:30.6, 8.3, 111N, 126.99E, h0km, mb3.6/4, mb1 4.3/10, mb1mx4.0/7, mbtmp4.2/10, ML4.8/2, MS3.2/4, Ms1 3.2/4, ms1mx2.8/39, Error ellipse: s-maj=33.9km s-min=20.1km az=139.0

ISC 13 03:43:17.2, 0.8, 174.5S, 167.17E, 0.1, h19km, mb4.0/9, MS3.2/3, Error ellipse: s-maj=17.6km s-min=14.4km az=4.2

NEIC 13 03:43:17.2, 0.5, 174.15S, 167.23E, h10km, mb4.3/2, Error ellipse: s-maj=12.2km s-min=10.0km az=109.0

ISC 13 03:43:18.6, 0.8, 175.25S, 0.08, 167.2E, 0.1, h19km, n23, 130/20, mb4.0/9, MS3.1/3, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DZM, DZM, HNR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SONM, NVAR, ILAR, etc.

ISCJJB 13 03:46:17.4, 0.9, 147.71N, 0.06, 93.24W, 0.07, h35km, mb3.5/5, Error ellipse: s-maj=9.2km s-min=8.3km az=16.4

MEX 13 03:46:19.0, 4.0, 14.71N, 93.28W, h24km, 45km, MD4.0, IDC 13 03:46:27.8, 4.3, 15.33N, 92.43W, h119km, 4.7km, mb3.2/5, mb1 3.6/7, mb1mx3.3/45, mbtmp3.7/7, MS2.8/1, Ms1 2.8/1, ms1mx2.5/13, Error ellipse: s-maj=110.4km s-min=24.8km az=38.0

ISC 13 03:46:17.9, 0.9, 147.72N, 0.08, 93.30W, 0.06, h35km, n13, 130/20, mb3.7/5, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PCIG, TGIG, TGBT, etc.

ISK 13 03:48:45.9, 36.38N, 27.28E, h5km, ML3.1/6, ISCJJB 13 03:48:46.0, 0.7, 36.79N, 0.03, 27.34E, 0.05, h5km, 6km, Error ellipse: s-maj=6.9km s-min=4.6km az=161.1

ATH 13 03:48:46.7, 36.79N, 27.38E, h30km, 1km, ML2.6/2, Error ellipse: s-maj=2.3km s-min=1.1km az=213.0

CSEM 13 03:48:47.1, 0.2, 36.80N, 27.30E, h5km, ML3.1, Error ellipse: s-maj=5.6km s-min=3.3km az=71.0

ISC 13 03:48:47.5, 0.9, 36.81N, 0.02, 27.33E, 0.03, h14km, 7km, n31, 130/20, mb3.7/5, Decadence Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BODT, NISR, YKAV, etc.

ISC 13 04:15:47.6, 1.8, 33.80S, 178.89W, h0km, mb3.8/2, mb1 4.1/4, mb1mx3.8/40, mbtmp3.9/4, ML3.8/2, Error ellipse: s-maj=54.7km s-min=33.7km az=130.0

ISCJJB 13 04:15:49.7, 1.3, 33.93S, 0.08, 178.7W, 0.2, h35km, mb3.6/2, Error ellipse: s-maj=24.6km s-min=8.4km az=19.6

WEL 13 04:15:49.6, 0.9, 34.57S, 177.9W, 1.7, h33km, ML4.4/13, ISC 13 04:15:50.5, 1.3, 33.91S, 0.08, 178.6W, 0.2, h35km, n31, 130/20, mb4.0/9, MS3.1/3, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MXZ, WMGZ, GLKZ, etc.

MAN 13 03:49:45, 10.22N, 123.33E, h19km, mb4.0, ML2.8, MS2.5, 1D, CEbu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like LLL, TBP, GUIM, etc.

ISCJJB 13 03:53:20.8, 1.4, 33.94N, 0.05, 141.7E, 0.1, h24km, mb3.1/2, MS2.5/1, Error ellipse: s-maj=15.5km s-min=7.8km az=176.6

JMA 13 03:53:25.7, 0.4, 34.02N, 141.20E, h26km, M2.9, IDC 13 03:53:26.4, 4.8, 33.92N, 141.48E, h62km, 41km, mb3.0/2, Mb1 3.3/3, mb1mx2.9/63, mbtmp3.3/3, ML3.5/1, MS2.7/1, Ms1 2.7/1, ms1mx2.1/13, Error ellipse: s-maj=44.8km s-min=13.7km az=90.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BSO1, BSO3, BSO4, etc.

IDC 13 04:04:19.1, 8.6, 18.67S, 176.76W, h0km, mb3.6/3, mb1 3.9/3, mb1mx3.5/45, mbtmp3.6/3, Error ellipse: s-maj=376.5km s-min=36.5km az=143.0, Fiji Islands region

ISC 13 04:07:04.6, 5.6, 18.16S, 167.72E, h53km, 58km, mb3.7/6, mb1 3.9/7, mb1mx3.6/44, mbtmp3.6/4, ML2.2/1, MS3.1/6, Ms1 3.1/6, ms1mx2.9/33, Error ellipse: s-maj=42.7km s-min=34.2km az=159.0

ISC 13 04:06:59.1, 1.8, 18.65S, 0.1, 168.1E, 0.3, h23km, n11, 130/20, mb4.0/5, MS3.2/4, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DZM, HNR, CTA, etc.

ISC 13 04:15:47.6, 1.8, 33.80S, 178.89W, h0km, mb3.8/2, mb1 4.1/4, mb1mx3.8/40, mbtmp3.9/4, ML3.8/2, Error ellipse: s-maj=54.7km s-min=33.7km az=130.0

ISCJJB 13 04:15:49.7, 1.3, 33.93S, 0.08, 178.7W, 0.2, h35km, mb3.6/2, Error ellipse: s-maj=24.6km s-min=8.4km az=19.6

WEL 13 04:15:49.6, 0.9, 34.57S, 177.9W, 1.7, h33km, ML4.4/13, ISC 13 04:15:50.5, 1.3, 33.91S, 0.08, 178.6W, 0.2, h35km, n31, 130/20, mb4.0/9, MS3.1/3, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MXZ, WMGZ, GLKZ, etc.

MAN 13 03:49:45, 10.22N, 123.33E, h19km, mb4.0, ML2.8, MS2.5, 1D, CEbu

ISCJJB 13 03:53:20.8, 1.4, 33.94N, 0.05, 141.7E, 0.1, h24km, mb3.1/2, MS2.5/1, Error ellipse: s-maj=15.5km s-min=7.8km az=176.6

JMA 13 03:53:25.7, 0.4, 34.02N, 141.20E, h26km, M2.9, IDC 13 03:53:26.4, 4.8, 33.92N, 141.48E, h62km, 41km, mb3.0/2, Mb1 3.3/3, mb1mx2.9/63, mbtmp3.3/3, ML3.5/1, MS2.7/1, Ms1 2.7/1, ms1mx2.1/13, Error ellipse: s-maj=44.8km s-min=13.7km az=90.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like STKA, WRA, FITZ, etc.

IDC 13 04:24:17.0, 0.31, 2.0, 202S, 178.84W, h0km, mb3.9/4, mb1 4.1/4, mb1mx3.7/40, mbtmp3.9/4, Error ellipse: s-maj=589.9km s-min=145.5km az=87.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like STKA, WRA, FITZ, etc.

MEX 13 04:30:11.5, 0.5, 15.53N, 93.39W, h101km, 5km, MD3.8, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BSO1, BSO3, BSO4, etc.

Table with columns: PCIG, TGIG, CGIG, CCGI, Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Includes data for Comitan and various stations.

ISK 13 04:40:51.6, 40.52N, 25.98E, h14km, ML2.4,
ISCJB 13 04:40:52.2, 0.8, 40.52N, 0.03:25.98E, 0.06, h6km, 7km,
Error ellipse: s-maj=7.3km s-min=5.0km az=16.8
CSEM 13 04:40:52.3, 0.2, 40.52N, 25.97E, h8km, ML2.4, Error
ellipse: s-maj=4.1km s-min=2.4km az=99.0
DDA 13 04:40:54.4, 40.48N, 26.18E, h7km, ML2.7
ISC 13 04:40:52.4, 1.1, 40.52N, 0.02:25.98E, 0.04, h13km, 8km,
n22, σ0939/40, Aegean Sea

Main table for 13d 5h section, listing stations like Enez, Gvkgeada, Alexandroupoli, etc. with columns for Code, Station Name, Az, Op, Phase ID, Time Res, ISC.

NEIC 13 04:47:12.8, 0.0, 38.79N, 122.74W, h1km, mb4.3/7,
MW4.3(BRK), After NCEDC.

NEIC Felt [V] at Middletown; [III] at Calistoga, Clearlake,
Cloverdale, Geyserville, Healdsburg, Hidden Valley Lake,
Kingsville and Lower Lake, [II] at Angwin, Napa, San
Francisco, San Rafael, Santa Rosa, Sonoma and
Windsor. Felt in parts of Alameda, Contra Costa, Lake,
Marin, Napa, Placer, Sacramento, San Francisco, San
Joaquin, San Mateo, Santa Clara, Solano and Sonoma
Counties.

ISC 13 04:47:21.1, 3.6, 38.99N, 122.29W, h30km, 22km, mb3.5/9,
mb1.3.7/15, mb1mx3.6/64, mbtmp3.6/15, ML3.3/6, MS3.7/18,
Ms1.3.7/18, ms1mx3.6/30, Error ellipse: s-maj=32.5km
s-min=12.8km az=47.0

ISC 13 04:47:14.5, 0.5, 38.81N, 0.03:122.74W, 0.03, h7km, n158,
σ204/135, mb3.9/12, MS3.8/16, Northern California

Main table for 13d 5h section, listing stations like Hopland Field, Marconi Confer, etc. with columns for Code, Station Name, Az, Op, Phase ID, Time Res, ISC.

Main table for 2012 FEB section, listing stations like Wild Horse Val, Darwin (Calif), Arvin, etc. with columns for Code, Station Name, Az, Op, Phase ID, Time Res, ISC.

Main table for 706 section, listing stations like Puerto La Cruz, Borgas, Spitsbergen Arr, etc. with columns for Code, Station Name, Az, Op, Phase ID, Time Res, ISC.

GUC 13 04:47:54.0, 0.5, 19.62S, 70.78W, h34km, 2km, ML4.2
IDC 13 04:48:11.3, 2.8, 18.87S, 70.20W, h142km, 24km, mb3.4/6,
mb1.3.6/7, mb1mx3.4/43, mbtmp3.8/7, MS3.2/4, Ms1.3/4,
ms1mx2.9/17, Error ellipse: s-maj=32.2km s-min=22.9km
az=93.0

ISC 13 04:47:54.1, 2.0, 19.58S, 0.05:70.78W, 0.09, h17km, 11km,
n28, σ148/27, mb3.8/6, Near coast of northern Chile

Main table for 706 section, listing stations like Pisagua, IPOC Station P, Arica, etc. with columns for Code, Station Name, Az, Op, Phase ID, Time Res, ISC.

NNC 13 06:44:20.2,0.4,41.21N-83.39E,h0km,mb3.4,mpv3.0, Error ellipse: s-maj=28.1km s-min=8.4km az=116.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DJR Jarkent, MK31 Makanchi Array, MAZK Makanchi, etc.

SJA 13 06:55:49.3,0.9,31.11Sx71.62W,h50km,75km,ML3.2,MW3.3

GUC 13 06:55:51.4,0.4,31.01Sx70.18W,h44km,9km,ML3.1

ISC 13 06:55:48.6,2.5,31.11S,0.04x71.63W,0.09,h14km,16km,n17,c149/23,Near coast of Central Chile

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TLL Tololo Astrono, ROCH El Roble, AUSAUP Spallata, etc.

DDA 13 07:00:05.7,38.73N-43.57E,h7km,ML2.9

ISC 13 07:00:05.3,38.74N-43.48E,h3km,ML2.8/8

ISC 13 07:00:06.3,0.6,38.73N-43.55E,0.05,h9km,4km, Error ellipse: s-maj=6.2km s-min=4.1km az=18.9

CSEM 13 07:00:06.1,0.2,38.72N-43.55E,h8km,ML2.8, Error ellipse: s-maj=5.6km s-min=4.0km az=111.0

ISC 13 07:00:05.2,1.0,38.74N-43.53E,0.03,h18km,3km,n36,c085/53,Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like VANB Van, TVAN Van, CLDR Caldiran, etc.

Table with columns: SRMT, Siirt_Merkze, 1.53 242, P, Pg, 07 00 34.3 -0.4. Includes stations like SRMT, Siirt_Merkze, SIRT, etc.

IDC 13 07:07:59.0,2.4,54.00N-86.44E,h0km,mb1.2,9/2, mb1mx2.7/7.1,mbtmp2.9/2,ML2.6/2, Error ellipse: s-maj=20.4km s-min=12.2km az=62.0, Southwestern Siberia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

IDC 13 07:11:15.9,2.5,54.04N-86.50E,h0km,mb1.2,8/2, mb1mx2.7/7.3,mbtmp2.8/2,ML2.4/2, Error ellipse: s-maj=19.3km s-min=12.1km az=63.0, Southwestern Siberia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

ISCJB 13 07:11:34.0,0.5,7.00Sx0.04x129.18E,0.05,h150km, mb3.6/4, Error ellipse: s-maj=7.2km s-min=5.3km az=35.9

IDC 13 07:11:34.2,7.9,6.93S:129.38E,h136km,81km,mb3.4/4, s-maj 3.6/7, mb1mx3.3/5.2,mbtmp4.0/7, Error ellipse: s-maj=8.7km s-min=30.4km az=49.0

DJA 13 07:11:36.2,0.5,7.3Sx12.92E, h127km,17km,M4.5/7, mb4.6/5,mb4.9/3,MLV5.5/7,MW(ML)4.2/3

ISC 13 07:11:35.0,0.8,7.16S:0.06x129.30E,0.07,h150km,n13,c275/18,mb3.7/4,Banda Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SAUI Saumlaki, SAUI Namlea, FAKI Fak Fak, etc.

IDC 13 07:42:01.1,2.1,15.34S:175.59W,h0km,mb4.0/5, mb1.4/1.6,mb1mx3.7/4.6,mbtmp3.9/6,ML2.8/1,MS4.9/1, MS1.4/9.1,ms1mx3.0/4.1, Error ellipse: s-maj=44.0km s-min=21.2km az=148.0

NEIC 13 07:42:02.0,2.0,15.35S:175.59W,h10km,mb4.2/2, Error ellipse: s-maj=24.9km s-min=10.0km az=152.0

ISCJB 13 07:42:04.0,2.0,15.35S:0.2x175.6W,0.1,h33km,mb4.0/7, MS4.8/1, Error ellipse: s-maj=32.1km s-min=8.5km az=156.8

ISC 13 07:42:06.0,0.9,15.45S:0.3x175.6W,0.1,h35km,n8,c075/9,mb4.1/7,Tonga Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AFI Afiamalu, AFU Urewea, URZ Urewea, etc.

IDC 13 07:44:36.6,2.5,54.26N:85.94E,h0km,mb1.2,5/2, mb1mx2.5/7.6,mbtmp2.5/2,ML2.3/2, Error ellipse: s-maj=18.6km s-min=10.7km az=56.0, Southwestern Siberia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

Ms5.0/5, Ms7.4/6/3, IDC 13 07:50:35.4,0.5,33.49S:178.75W,h0km,mb4.6/3, Mb1.4/8.15,mb1mx4.5/4.3,mbtmp4.6/15,ML4.5/2,MS4.2/29, MS1.4/3,2/9,ms1mx4.2/4.3, Error ellipse: s-maj=19.7km s-min=18.1km az=20.0

ISCJB 13 07:50:38.2,0.5,34.04S:0.0x178.77W,0.08,h37km, mb4.8/31,MS4.3/29, Error ellipse: s-maj=10.4km s-min=4.4km az=20.3

GCMT 13 07:50:39.0,0.3,33.65S:178.23W,h27km,1km,MW5.1/86, Moment Tensor Solution, s39,c47, s86,c17, Duration: 0.4, Moment tensor: Scale 10^19Nm; Mr:3.61x10^1, Mw:0.53x10^13; Ms:3.06x10^12; Mw:0.48x10^23; Mw:1.01x10^9; Ms:3.40x10^20. Best double couple: M4.91000x1016

NP1:0.12,0.00000; s67.00000; l84.00000; NP2: 0.206,0.00000; s23.00000; l103.00000. Principal axes: T 5.0380, Plg67.0000, Azm271.0000; N -0.2600, Plg5.0000, Azm14.0000; P -4.7820, Plg22.0000, Azm106.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 13 07:50:39.9,0.3,33.98S:178.70W,h35km,mb5.0/17 Error ellipse: s-maj=10.4km s-min=5.4km az=116.0

ISC 13 07:50:40.0,0.4,33.95S:0.06x178.67W,0.07,h37km, n149,c1584/149,mb5.0/31,MS4.4/29,2C,South of Kermadec Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MXZ Matakaoa Point, RAO Raoul Island, URZ Urewea, etc.

BUI 13 07:50:32.2,34.17S:178.28W,h12km,mb5.4/13,mb5.4/7,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like KMRZ, PXZ, KRHZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like CLDR, BINGL, AGRB, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like MKAR, Stephens Creek, IDC 13 08:53:14.8...

NNC 13 08:27:03.9±0.8, 36.55N-70.10E, h0km, mb3.7, mpv3.4, 2C-4D, Error ellipse: s-maj=76.9km s-min=65.5km az=166.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like SFK, POWZ, PRWZ, etc.

ISCJB 13 08:43:51.7±0.8, 36.30N-109.137E±0.1, h265km±5km, mb3.3/2, Error ellipse: s-maj=15.9km s-min=11.9km az=138.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like JGN, IGJN, MAT, etc.

ISC 13 08:54:29.4±0.7, 29.99N-0.05E±0.07, h10km, Error ellipse: s-maj=9.7km s-min=5.5km az=141.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like NSR, KFKJ, IPHR, etc.

DJA 13 08:30:50.1±0.6, 3.3S-127E±, h26km±7km, M3.9/6, mb5.0/1, mb4.6/2, MLV3.5/6, Mw(mb)4.3/1, Ceram Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like NLAI, SANI, MSAI, etc.

ISC 13 08:48:49.9±1.3, 23.8S-0.1E±180.0W±0.2, h518km, mb4.2/5, Error ellipse: s-maj=23.8km s-min=15.1km az=172.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like URZ, CTX, STKA, etc.

ISC 13 08:54:47.7±0.36, S10°17'8E±, h225km±1km, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like MXZ, WMGZ, RUGZ, etc.

ISC 13 08:38:50.3±1.3, 33.9S-0.3E±179.3W±0.2, h518km, n8, mb8.8/10, mb4.2/5, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like URZ, CTX, STKA, ASAR, WRA, TXAR, HFS, BRTR, etc.

ISC 13 08:45:04.2±0.7, 31.38S-0.04E±68.53W±0.04, h109km±6km, n30, ±1510/2, mb3.4/4, San Juan Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like RRTL, AMOG, RTLS, etc.

ISC 13 08:56:05.9±0.3, 38.98N-43.63E, h7km, ML2.8, Error ellipse: s-maj=7.4km s-min=5.2km az=84.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like ERVC, CLDR, CLDR, etc.

ISC 13 08:40:32.1±0.3, 37.93N-42.74E, h0km, ML3.3, NSSP 13 08:40:35.1±0.18N-42.62E, h12km, Ms3.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like GEVA, SIRT, SIRT, etc.

ISC 13 08:45:05.0±0.3, 31.44S-0.08E±68.54W±0.04, h93km±6km, ML3.7, SJA 13 08:45:05.0±0.3, 31.44S-0.08E±68.56W, h101km±5km, ML3.9, MWV3.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like AUSP, ASAL, ACAN, etc.

ISC 13 08:56:02.0±0.6, 38.91N-0.03E±43.65E±0.06, h13km, Error ellipse: s-maj=5.0km s-min=4.5km az=92.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like ERVC, CLDR, CLDR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BITLIS_Adilcev, GEVAS, TUTAK, HANUR-AGRY, etc.

ISK 13 08:57:00.9, 38°62'N-43°04'E, h10km, ML2,3/4
ISCJB 13 08:57:02.4, 0.6, 38°68'N-43°00'E-0.05, h15km, Error
ellipse: s-maj=6.4km s-min=5.0km az=17.9

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BITLIS_Adilcev, VAN, GEVAS, TUTAK, etc.

NNC 13 09:01:43.2, 8.2, 36°76'N-70°86'E, h118km±61km, mb3.0,
mpv3.5, Error ellipse: s-maj=26.8km s-min=21.7km
az=81.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Sufi-Kurgan, THN, MNAS, etc.

BUI 13 09:09:11.7, 18°10'S, 172°35'W, h21km, mb5.3/36,
mb5.5/27, Ms5.3/10, Ms7.5/0.8

MOS 13 09:09:13.8, 9.0, 19°06'S, 172°32'W, h35km, mb5.3/63,
Error ellipse: s-maj=10.2km s-min=8.1km az=70.8

NEIC 13 09:09:14.4, 0.4, 18°18'S, 172°42'W, h36km, mb5.2/189,
Error ellipse: s-maj=4.3km s-min=2.5km az=146.0

GCMT 13 09:09:14.4, 0.2, 18°32'S, 172°02'W, h12km, Mw5.1/111,
Moment Tensor Solution. s59,674; s111,6165;

IDC 13 09:09:16.8, 2.2, 18°25'S, 172°43'W, h53km, 18km, mb4.8/36,
mb1.4/8.36, mb1mx4.8/4.5, mbmp5.1/36, MS4.1/38,

WEL 13 09:09:31.1, 0.9, 20°S, 11°17'W, h33km
ISC 13 09:09:14.7, 0.2, 18°39'S-0°05', 172°40'W-0°05', h41km,
n882, s1934/875, mb5.1/241, MS4.2/39, 12C-40D, Tonga

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

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PPT2, PPT, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

13d 9h

Table with columns for station name, frequency, power, and time. Includes stations like PCJL Pacitan, BELC Belle Mtn. Jns, CWC Cottonwood Cre, N02D Trinity Center, BC3 Big Chuckawall, etc.

2012 FEB

Table with columns for station name, frequency, power, and time. Includes stations like SZCU Shurtz Canyon, PSUT Pine Spring, WUAZ Wupatki, WUAZ Wupatki, HPIG, etc.

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Table with columns for station name, frequency, power, and time. Includes stations like NEW Newport, NEW Newport, NJ2 Nanjing, NJ2 Nanjing, MCMT McKenzie Canyo, etc.

13d 9h

2012 FEB

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Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other details. Includes entries like C35A Jirik Farms, E36A McGregor, H38A Maiden Rock, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other details. Includes entries like OBN Obninsk, NB2 NORSAR Array S, NB20 NOA, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other details. Includes entries like ARR Arges, STU Stuttgart, CONA Conrad Observa, etc.

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

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

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

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

IDC 13 10:06:25.3-9.5, 1579S-176.25W, h0km, mb3.5/3, mb1 3.8/3, mb1mx3.5/45, mbtmp3.5/3, Error ellipse: s-maj=423.5km s-min=35.8km az=140.0, Fiji Islands region

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

WEL 13 10:12:03.5-0.8, 33°S-177°8W, 1.6, h33km, ML5.5/18 ISCJB 13 10:12:06.3-0.1, 32.552S-102.178.89W, 0.04, h33km, mb5.0/66, MS4.1/13, Error ellipse: s-maj=5.8km s-min=2.1km az=29.9

MOS 13 10:12:06.9-0.9, 32.37S-178.89W, h38km, mb5.2/17, Error ellipse: s-maj=13.8km s-min=11.1km az=60.4

GCMT 13 10:12:07.2-0.3, 32.35S-178.82W, h47km, mb1, MW5.0/60, Moment Tensor Solution, s60, c81; s45, c60; Duration: 0 Moment tensor: Scale 10^19Nm; Mr=4.50±0.20; Mw=0.82±.15; Ms=0.81±.13; Mw=0.81±.14; Ms=1.48±.13; Mv=1.38±.12; Best double couple: 1.94 68500.1016 NP1=25.00000°, 855.00000°, 1.93.00000°. NP2= 0±201.00000°, 835.00000°, 1.86.00000°. Principal axes: T 4.7850, Plg80.0000°, Azm306.0000°; N -0.2000, Plg2.0000°, Azm204.0000°; P -4.5850, Plg10.0000°. Azm113.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 13 10:12:07.2-0.2, 32.55S-178.85W, mb5.1/46 Error ellipse: s-maj=7.8km s-min=4.4km az=137.0

IDC 13 10:12:08.5-1.6, 32.35S-178.84W, h43km, mb4.4/20, mb1 4.6/22, mb1mx4.4/14, mbtmp4.7/22, ML4.9/3, MS4.0/15, Ms1 4.0/15, ms1tmp4.9/30, Error ellipse: s-maj=15.4km s-min=9.6km az=117.0

BJI 13 10:12:15.0, 33.00S-178.90W, h113km, mb5.0/13, mb5.2/9

ISC 13 10:12:06.8-0.3, 32.50S-105.178.69W, 0.06, h33km, n375, a202/379, mb5.1/65, MS4.1/13, 9C-5D, South of Kermadec Islands

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PPT2, PPT, etc.

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

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

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

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

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

Table with columns for call sign, name, frequency, and other details. Includes entries for LIM1, GPS2, GSP3, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries for S/JG, JRQG, MOIG, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries for DLPL, LA Plaine, 441A, etc.

13d 10h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like FFC, E08A, G06A, F07A, L02D, NEW, etc.

2012 FEB

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

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ILAR, ILB, RC01, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Frequency, and other parameters. Includes stations like Barranco-do-Ve, Cabril, Beja, Viseu, Vaqueiros, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Frequency, and other parameters. Includes stations like ROSF, QUIF, BBO1, BHH, ESK, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Frequency, and other parameters. Includes stations like BER, BAIF, UCC, UCC, UCC, etc.

NSS	Namsos	84.38	26	eP	P	11 07 40.4	0.0
NSS	comp-Z,172nm,1.6s			Iamb	Iamb	11 07 40.8	
LOF	Lofoten	84.39	22	eP	P	11 07 40.3	-0.1
LOF	comp-Z,426nm,1.9s			Iamb	Iamb	11 07 42.5	
NB000	NORSAR Array S	84.39	29	eP	P	11 07 41.5	+0.9
NB002	NORSAR Array S	84.43	29	eP	P	11 07 40.1	-0.7
NAC01	NORSAR Array S	84.47	29	eP	P	11 07 41.9	+0.9
STOK	Stokkvaagen	84.51	24	eP	P	11 07 42.0	+1.0
STOK	comp-Z,422nm,1.9s			Iamb	Iamb	11 07 43.5	
NB2	NORSAR Subarra	84.60	29	P	P	11 07 42.2	+0.5
NB2	NORSAR Subarra	84.60	29	P	P	11 07 42.2	+0.5
NB200	NORSAR Array S	84.60	29	eP	P	11 07 41.0	-0.7
NOA	NORSAR Array B	84.60	29	eP	P	11 07 41.0	-0.7
NOA	comp-Z,29nm,0.8s,baz=277,slow=5.0,SNR=35			LR	LR	11 44 54.4	
NOA	NORSAR Array B	84.60	29	P	P	11 07 41.0	-0.7
NOA	NORSAR Array B	84.60	29	P	P	11 07 41.0	-0.7
NB201	NORSAR Array S	84.64	29	eP	P	11 07 41.6	+0.3
NC303	NORSAR Array S	84.65	29	eP	P	11 07 42.1	+0.3
NC605	NORSAR Array S	84.74	29	eP	P	11 07 43.0	+0.6
BJO	Bjorroya	84.75	15	eP	P	11 07 43.1	-0.5
BJO	comp-Z,307nm,1.2s			Iamb	Iamb	11 07 43.0	
BJO	Sospel	84.80	47	eP	SKS	11 18 04.9	+1.0
SBF	comp-Z,202nm,1.4s			eP	SKS	11 07 43.7	+0.6
SBF	comp-Z,202nm,1.4s			eP	SKS	11 07 43.7	+0.6
NC602	NORSAR Array S	84.81	29	eP	P	11 07 43.5	+0.8
NC602	NORSAR Array S	84.81	29	eP	P	11 07 42.7	0.0
NC602	comp-Z,846nm,1.3s			Iamb	Iamb	11 07 43.5	
BFO	Black Forest	84.81	42	eP	P	11 07 42.8	-0.2
BFO	Black Forest	84.81	42	eP	P	11 07 42.1	-0.9
BFO	comp-Z,128nm,1.5s			LR	LR		
BFO	comp-Z,4um,20.0s			LR	LR		
NC405	NORSAR Array S	84.83	29	eP	P	11 07 42.5	-0.4
MOR8	Mol Rana	85.11	24	eP	P	11 07 44.9	+0.8
MOR8	comp-Z,75nm,1.1s			Iamb	Iamb	11 07 45.3	
STU	Stuttgart	85.32	42	eP	P	11 07 45.7	+0.2
STU	comp-Z,124nm,1.2s			pmx	pmx		
STU	comp-Z,4um,19.0s			MLR	MLR		
STU	comp-Z,4um,19.0s	85.32	42	eP	P	11 07 45.7	+0.2
STU	comp-Z,124nm,1.2s			LR	LR		
TUE	Stuetta	85.76	44	eP	P	11 07 48.4	+0.3
TUE	comp-Z,59nm,1.0s			LR	LR		
TRO	Tromso	85.96	20	eP	P	11 07 46.2	-1.9
TRO	comp-Z,255nm,1.5s			Iamb	Iamb	11 07 50.3	
TRO	comp-Z,255nm,1.5s			Iamb	Iamb	11 07 50.3	
HFS	Hagfors	85.97	30	eP	SKS	11 18 15.1	+3.4
HFS	comp-Z,20nm,0.8s,baz=238,slow=2.8,SNR=31			eSKS	SKS	11 07 47.5	-0.9
HFS	comp-Z,2um,18.4s,baz=286,slow=3.5			LR	LR	11 45 36.1	
DAVA	Damuels	86.00	43	iP	P	11 07 49.9	+0.7
DAVOX	Davos/Dischmat	86.08	43	P	P	11 07 49.3	-0.2
DAVOX	comp-Z,28nm,1.1s,baz=260,slow=3.5,SNR=27			LR	LR	11 40 56.6	
LLD	Lille Linde	86.09	35	iP	P	11 07 49.9	+0.8
LLD	comp-Z,3um,20.6s,baz=290,slow=3.2			pmx	pmx		
LLD	Lille Linde	86.09	35	iP	P	11 07 49.9	+0.8
TAM	Tamanrasset	86.12	68	eP	P	11 07 50.4	+0.2
TAM	comp-Z,100nm,1.4s			pmx	pmx		
TAM	comp-Z,100nm,1.4s			MLR	MLR		
TAM	Tamanrasset	86.12	68	eP	P	11 07 50.4	+0.2
TAM	comp-Z,100nm,1.4s			LR	LR		
COP	Copenhagen	86.15	34	iP	P	11 07 49.5	+0.1
COP	comp-Z,50nm,0.8s			pmx	pmx		
COP	Copenhagen	86.15	34	iP	P	11 07 49.5	+0.1
FOURN	Ofenpass-Fuorn	86.36	44	eP	P	11 07 52.0	+0.9
FOURN	comp-Z,164nm,1.3s			LR	LR		
GRFO	Grafenberg	86.48	40	eP	P	11 07 51.8	+0.6
GRFO	comp-Z,4um,19.0s			pmx	pmx		
GRFO	comp-Z,152nm,1.2s			MLR	MLR		
GRFO	Grafenberg	86.48	40	eP	P	11 07 51.8	+0.6
GRFO	comp-Z,152nm,1.2s			LR	LR		
RETA	Reutte	86.56	43	iP	P	11 07 52.5	+0.7
RETA	comp-Z,99nm,1.5s,SNR=25			P	P		
MOX	Moax	86.57	39	iP	P	11 07 52.3	+0.7
FETA	Feichten	86.61	43	iP	P	11 07 52.9	+0.7
FETA	comp-Z,65nm,1.3s,SNR=19			P	P		
MOTA	Moosalm	86.81	43	iP	P	11 07 54.0	+0.9
MOTA	comp-Z,55nm,1.4s,SNR=9.9			iP	iP		
VLC	Villacollmand	86.86	46	eP	P	11 07 51.4	-1.8
VLC	comp-Z,40nm,1.0s			LR	LR		
VLC	comp-Z,1um,22.0s			LR	LR		
RGN	Rugen	86.86	35	eP	P	11 07 53.0	+0.1
RGN	comp-Z,418nm,1.3s			LR	LR		
RGN	comp-Z,2um,20.0s			LR	LR		
VSL	Villasalto	86.88	51	eP	P	11 07 53.6	+0.2
VSL	comp-Z,95nm,1.0s			LR	LR		
VSL	comp-Z,2um,19.0s			LR	LR		
WATA	Walderalm	87.13	43	iP	P	11 07 55.2	+0.6
WATA	comp-Z,28nm,1.3s,SNR=6.0			P	P		
NKC	Novy Kostel	87.16	40	iP	P	11 07 55.3	+0.7
NKC	comp-Z,4um,20.5s			e	e	11 08 02.9	
NKC	comp-Z,4um,20.5s			e	e	11 08 02.9	
NKC	Novy Kostel	87.16	40	iP	P	11 07 55.3	+0.7
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	Novy Kostel	87.16	40	iP	P	11 07 55.3	+0.7
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	Novy Kostel	87.16	40	iP	P	11 07 55.3	+0.7
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	Novy Kostel	87.16	40	iP	P	11 07 55.3	+0.7
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	Novy Kostel	87.16	40	iP	P	11 07 55.3	+0.7
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	Novy Kostel	87.16	40	iP	P	11 07 55.3	+0.7
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	Novy Kostel	87.16	40	iP	P	11 07 55.3	+0.7
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	Novy Kostel	87.16	40	iP	P	11 07 55.3	+0.7
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	Novy Kostel	87.16	40	iP	P	11 07 55.3	+0.7
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	Novy Kostel	87.16	40	iP	P	11 07 55.3	+0.7
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	Novy Kostel	87.16	40	iP	P	11 07 55.3	+0.7
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	Novy Kostel	87.16	40	iP	P	11 07 55.3	+0.7
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	Novy Kostel	87.16	40	iP	P	11 07 55.3	+0.7
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	Novy Kostel	87.16	40	iP	P	11 07 55.3	+0.7
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	Novy Kostel	87.16	40	iP	P	11 07 55.3	+0.7
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	Novy Kostel	87.16	40	iP	P	11 07 55.3	+0.7
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	Novy Kostel	87.16	40	iP	P	11 07 55.3	+0.7
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	Novy Kostel	87.16	40	iP	P	11 07 55.3	+0.7
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	Novy Kostel	87.16	40	iP	P	11 07 55.3	+0.7
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	Novy Kostel	87.16	40	iP	P	11 07 55.3	+0.7
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	Novy Kostel	87.16	40	iP	P	11 07 55.3	+0.7
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	Novy Kostel	87.16	40	iP	P	11 07 55.3	+0.7
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	Novy Kostel	87.16	40	iP	P	11 07 55.3	+0.7
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	Novy Kostel	87.16	40	iP	P	11 07 55.3	+0.7
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	Novy Kostel	87.16	40	iP	P	11 07 55.3	+0.7
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	Novy Kostel	87.16	40	iP	P	11 07 55.3	+0.7
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	Novy Kostel	87.16	40	iP	P	11 07 55.3	+0.7
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	Novy Kostel	87.16	40	iP	P	11 07 55.3	+0.7
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	Novy Kostel	87.16	40	iP	P	11 07 55.3	+0.7
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	Novy Kostel	87.16	40	iP	P	11 07 55.3	+0.7
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	
NKC	comp-Z,4um,20.5s			eSKS	SKS	11 18 21.8	

Table with columns: Station, Time, Frequency, Power, Modulation, etc. Includes stations like Suwalki, Kecovo, Stebnicka Huta, etc.

Table with columns: Station, Time, Frequency, Power, Modulation, etc. Includes stations like Kishinev, Petropavlovsk, Obninsk, etc.

Table with columns: Station, Time, Frequency, Power, Modulation, etc. Includes stations like Kislovodsk, Mavora Lakes, Wether Hill Ro, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like MAKZ Makanchi, MK31 Makanchi Array, MK32 Makanchi Array, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like TIA, TIA, TIA, TIA, TIA, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like FAKI, GZH Guangzhou, GZH Guangzhou, GZH Guangzhou, etc.

MAN 13:58:27,10:35N:123:30E,h12km,mb4.2,ML3.0,MS2.7, 1D,Cebu
Code Station Name Az El Phase ID Time Res
LLP Lapu-Lapu 0.65 93 Op ISC h m s ISC
LLP Lapu-Lapu 0.65 93 Op Sb 10 58 50.1 +0.3
LLP Lapu-Lapu 0.65 93 Op Pn 10 58 50.1 +0.7
GUIM Jordan 0.75 291 eP Pn 10 58 43.0 -0.5
GUIM Jordan 0.75 291 eP Sb 10 58 55.3 +0.5
TBP Tagbilaran 0.86 140 eS Sg 10 58 41.0 -2.6
TBP Tagbilaran 0.86 140 eS Sg 10 58 53.9 -2.1
RCP Roxas 1.32 335i eP Sg 10 58 54.8 +2.3
PAGZ Masin 1.55 98 eP Sb 10 58 55.3 -0.3
MUSAN Musuan 3.01 145 eP Sb 10 59 15.9 +0.8
MUSAN Musuan 3.01 145 eP Pn 10 59 17.4 +2.9
VIE 13:11:06:58.9:0.4,46:40N:15:19E,h0km,m1.0/0.3,Error
ellipse:s-maj3.2km z-min2.5km az=45.0 19 km
NNW of Celje Suspected Mining induced.,
Northwestern Balkan Peninsula
Code Station Name Az El Phase ID Time Res
SOKA Soboth 0.30 339 eP ISC h m s ISC
SOKA Soboth 0.30 339 eP Pg 11 07 04.5 -0.2

13d 16h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GBS Goubstan, ATGJ Altiahaj, SIZA Siyaz, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TILK Tilichiki, KMSK Kamenskaya, OSSR Ossora, PALN Palana.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SNPH Sibulan, SNPH Jordan, SNPH Lapu-Lapu.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JCY Chichijima, WRA Warrungana Arr, FITZ Fitzroy Crossi.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, MKAR Makanchi Array, KURBB Kurchatov Arra.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CNG Changalane, CNG Comp-Z,5.6nm,0.7s, CNG Changalane.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CNG Comp-Z,207nm,0.1s, CBTN Chibotane, CBTN Lobatse.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SNPH Sibulan, LLP Lapu-Lapu, GUIM Jordan.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ISK 13 16:08:05.8.1.2.31.98S.0.04.70.00W.0.07, GUC 13 16:08:05.0.5.32.08S.71.05W, h40km,9km,ML3.1.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AUSP Uspallata, AUPS Leucito, ASAL Salagasta.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SNPH Sibulan, SNPH Jordan, LLP Lapu-Lapu.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SNPH Sibulan, SNPH Lapu-Lapu, GUIM Jordan.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VANB Van, TVAN Van, GEVA Gevas.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ADVC Adilcev, CLDR Caldian, CLDR Caldian, CLDR Caldian.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ISN 13 16:39:54.2.1.2.38.71N.43.35E, ISK 13 16:39:55.9.38.67N.43.22E, DDA 13 16:39:56.9.38.70N.43.26E.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ISK 13 16:39:57.3.0.1.38.67N.43.21E, ISK 13 16:39:57.9.0.38.67N.43.21E.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TUTA Tuta, BASK Baskale_VAN, BASK Baskale_VAN, BASK Baskale_VAN.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KARS Kars, DIGO Kars, BTM Batman.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SNPH Sibulan, SNPH Lapu-Lapu, GUIM Jordan.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VANB Van, TVAN Van, GEVA Gevas, GEVA Gevas.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ADVC Adilcev, CLDR Caldian, CLDR Caldian, CLDR Caldian.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TUTA Tuta, TUTA Tuta, TUTA Tuta, AGRB Hanur-Agry.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ISN 13 16:39:54.2.1.2.38.71N.43.35E, ISK 13 16:39:55.9.38.67N.43.22E, DDA 13 16:39:56.9.38.70N.43.26E.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ISK 13 16:39:57.3.0.1.38.67N.43.21E, ISK 13 16:39:57.9.0.38.67N.43.21E.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ISK 13 16:08:05.8.1.2.31.98S.0.04.70.00W.0.07, GUC 13 16:08:05.0.5.32.08S.71.05W, h40km,9km,ML3.1.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like RAGZ Rawiri, RIGZ Rimuhau, PRGZ Paritu Road, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MAN 13 17:06:12, 10.12N, 123.32E, h31km, mb4.3, ML3.1, MS2.9, 1C, Cebu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like DDA 13 17:06:50, 5.36S, 152N, 42.29E, h7km, ML3.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SIRR S-rnak, SIRR S-rnak, SIRR S-rnak, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like HAKT HAKKARI, HAKT HAKKARI, BTMNM Batman, etc.

ISCJJB 13 17:07:22.0, 1.0, 33.92S, 0.05, 178.0W, 0.1, h35km, mb4.2/5, Error ellipse: s-maj=17.3km s-min=6.0km az=17.5

WEL 13 17:07:22.0, 0.9, 34.56S, 17.8W, 0.1, h33km, ML4.9/15 IDC 13 17:07:22.0, 1.0, 33.73S, 178.48W, h0km, mb4.2/3, mb1 4.4/m, mb1mx3.9/40, mbmtp4.3/4, ML4.2/1, Error ellipse: s-maj=40.0km s-min=30.9km az=169.0

NEIC 13 17:07:29.2, 2.7, 34.04S, 178.61W, h49km, 21km, mb4.2/2, Error ellipse: s-maj=26.1km s-min=15.6km az=54.0

ISC 13 17:07:26.7, 0.8, 33.95S, 0.08, 178.2W, 0.1, h35km, n66, r15070, mb4.2/5, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MXZ Matakoao Point, GLKZ Green Lake, WNGZ Waionatati S, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like HSO Harness Mount, LONY Lake Ozonia, KURK Kurchatov Arr, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like WHRZ Whale Island, PRZ Durham Island, OPRZ Ohinepanea, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like EDRZ Edgecumbe, KARZ Kaharoa, OMRZ Omnia, etc.

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like WHRZ Whale Island, PRZ Durham Island, OPRZ Ohinepanea, etc.

PETK Petropavlovsk- 89.73 37 LR LR 19 02 39.4
TXAR Lajitas Array 144.95,340 PKP PKPdf 18 27 04.6 -0.4

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like SNPH Sibulan, GUILM Jordan, DCPHF Dipolog City, etc.

ISK 13 18:24:02.1, 38.63N, 43.13E, h14km, ML2.1/3
ISCJB 13 18:24:03.7, 0.6, 38.66N, 0.05-43.14E, 0.04, h9km, 10km,
CSEM 13 18:24:03.2, 0.3, 38.65N, 43.15E, h10km, ML2.1, Error
DDA 13 18:24:03.8, 38.68N, 43.23E, h7km, ML2.7
ISC 13 18:24:03.6, 1.0, 38.65N, 0.03-43.13E, 0.03, h7km, 11km,

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like VANB Van, TVAN Van, GEVA Gevas, etc.

IDC 13 18:25:10.6, 1.1, 13.12N, 51.06E, h0km, mb3.6/10,
ISCJB 13 18:25:11.3, 0.6, 13.2N, 0.1-50.9E, 0.09, h16km,
CSEM 13 18:25:12.1, 1.3, 13N, 51.03E, h10km, mb4.7/2, Error
ISC 13 18:25:13.0, 0.9, 13.11N, 0.2-51.0E, 0.1, h16km, n38,

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like ATD Arta Tunnel, WSAR Wadi Sarin, MB02 Diego Garcia H, etc.

ISCJB 13 18:39:22.7, 0.4, 37.19N, 0.02-21.98E, 0.02, h8km, 3km,
mb3.5/8, Error ellipse: s-maj=3.6km s-min=2.7km
az=143.3

ATH 13 18:39:22.5, 37.20N, 22.00E, h8km, 1km, ML3.2/24, Error
CSEM 13 18:39:23.1, 0.2, 37.21N, 22.02E, h2km, ML3.2, Error
THE 13 18:39:23.0, 37.22N, 21.99E, h1km, 1km, ML3.3/14, Error
IDC 13 18:39:28.1, 2.1, 37.11N, 21.90E, h65km, 22km, mb3.4/8,

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like ITM Ithomi, Vlachokerasia, PYLOS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like KALE Kalithea, EFP Epifanio, etc.

ISC 13 20:33:20.8±0.8,50.222N:0°04'18.78E±0.02,h0km,n37,
+0.73/61,Poland

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

MAN 13 20:33:45,10.12N:123.22E,h31km,mb3.8,ML2.5,MS2.0,
1C-1D,Cebu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu, SNPH Sibulan, GUIM Jordan, etc.

MAN 13 20:42:49,10.07N:123.28E,h1km,mb4.1,ML2.9,MS2.6,
2D,Cebu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TBP Tagbilaran, LLP Lapu-Lapu, SNPH Sibulan, etc.

ISC 13 20:45:57.8±0.2,6.86S:129.49E,h162km±20km,mb3.6/6,
mb1.3/8/11,mb1mx3.5/5.1,mbtmp4.2/11,MS4.1/1,
Ms1.4/1.1,ms1mx2.6/4.1,Error ellipse: s-maj=28.7km
s-min=15.1km az=78.0

ISCJCB 13 20:45:58.9±0.5,6.90S:0°04'129.57E±0.05,h200km,
mb3.9/9,Error ellipse: s-maj=6.6km s-min=5.2km

NEIC 13 20:45:58.9±0.5,6.80S:129.44E,h170km±km,mb4.6/6,
Error ellipse: s-maj=7.7km s-min=6.1km az=68.0
DJA 13 20:45:59.5±0.6,7.5S:13°0E±1.1,h185km±13km,ML4.7/8,
mb4.9/6,mb4.9/6,MLV4.9/8,MW(m)E.4.1/6

ISC 13 20:45:59.9±0.6,6.85S:0°05'129.50E±0.06,h200km,n42,
±25/47,mb3.9/9,Banda Sea

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

Table with columns: WRI, WRA, COEN, AS31, ASAR, AS01, STKA, CHMO, Chiang Mai, RPZ, SONA, SONM, MK01, MK31, MK32, MKAR, MKAR, ZALV, ZAA1, KURBB, KURBK, KURBK, MLY, TORO, TOA1. Includes station names and coordinates.

ISC 13 20:45:38.8±5.2,23.63S:66°14W,h0km,mb4.0/1,
mb1.3/9/2,mb1mx3.5/4.0,mbtmp3.9/2,ML3.2/1,Error
ellipse: s-maj=15.4km s-min=3.7km az=57.0

ISCJCB 13 20:46:12.7±1.2,22.4S:0°26'33W±0.4,h251km,mb3.6/1,
Error ellipse: s-maj=59.1km s-min=8.8km az=157.5
SJA 13 20:46:12.6±0.4,22.4S:0°26'33W±0.4,h251km,n7,
MW2.9

ISC 13 20:46:12.1±1.7,22.4S:0°26'27W±0.4,h251km,n7,
±17/10,Jujuy Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YJA Yavi, HJA Humahuaca, HJA Zapla, AS7B Santa Barbara, LPAZ La Paz, etc.

NEIC 13 21:07:02.0±0.0,41°35N:123°68W,h30km,Moment
Tensor Solution. s173 Moment tensor. Scale 1017Nm;
Mn=2.62; Mw=0.47; Ms=2.19; Mz=1.38; Ms=2.05;
Best double couple: M4:3.00000°1017° NP1±0.223,00000°;
δ71.00000°; λ=76.00000°. NP2±0.11,00000°; δ23.00000°;
λ=122.00000°. Principal axes: T 4.3400,Plg24.0000°;
Az=30.0000°; N -0.0300,Plg12.0000°; Az=156.0000°;
-4.3100,Plg62.0000°; Az=156.0000°;

NEIC 13 21:07:02.0±0.0,41°14N:123°79W,h28km,mb5.3/169,
MS5.4/174,MW5.6(BRCK),After NCEDEC.

NEIC Felt [I] at Hoopa, Reddick and Salyer; [IV] at Arcata,
Bayside, Blue Lake, Hydroville, Burnt Ranch, Eureka,
Forks of Salmon, Hydroville, Klama, Korb, McKinleyville, Orick, Orleans, Samoa, Scotia, Trinidad and
Willow Creek. Felt [III] in parts of Del Norte, Humboldt,
Shasta, Siskiyou and Trinity Counties. Felt [II] in southern
Curry and Josephine Counties, Oregon. Also felt at
Sparks, Nevada and as far as San Jose, California and
Bend, Oregon.

GCMT 13 21:07:02.0±0.1,41°16N:123°79W,h29km,MW5.6/136,
Moment Tensor Solution. s113,c205; s136,c336;
Duration: 1±6 Moment tensor. Scale 1017Nm;
Mn=2.71; Mw=1.02; Ms=2.59; Mz=0.3; Mn=1.44; Mw=1.02;
Ms=2.59; Mz=0.3; Mn=1.44; Mw=1.02; Ms=2.59; Mz=0.3;
Best double couple: M4:3.00000°1017° NP1±0.223,00000°;
λ=122.00000°. Principal axes: T 4.3400,Plg24.0000°;
Az=30.0000°; N -0.0300,Plg12.0000°; Az=156.0000°;
-4.3100,Plg62.0000°; Az=156.0000°;

MOS 13 21:07:02.3±0.1,41°17N:123°71W,h33km,mb5.5/74,
MS5.3/42 Error ellipse: s-maj=5.7km s-min=3.8km
az=111.5

ISCJCB 13 21:07:02.0±0.1,41°21N:0°00'9'123°43W±0.02,h32km,
MS5.3/26,MS5.3/26,Error ellipse: s-maj=2.0km
s-min=1.2km az=158.8

ISC 13 21:07:03.6±0.3,41°21N:123°61W,h32km±1km,mb4.8/54,
mb1.4/8/57,mb1mx4.8/7.0,mbtmp4.9/57,ML4.4/3,MS5.1/58,
Ms1.5/58,ms1mx5.1/63,Error ellipse: s-maj=6.9km
s-min=4.9km az=172.0

BUI 13 21:07:03.7,41°55N:124°17W,h32km,mb5.1/60,
mb5.6/46,Ms5.4/56,Ms5.7/56

ISC 13 21:07:03.1±0.2,41°10N:0°03'123°71W±0.03,h33km±1km,
h33km±1km,±1463,±2524,±1526,mb5.3/265,MS5.3/266,
37C-17D,Northern California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like M02C Callahan, M02C, N02D, KMRM, YBH, YBH, WDC, WDC, LGBM, KBO, B040, LMPM, LHEM, LHEM, LBFM, KCPM, KCPM, LGMM, M04C, M04C.

Table with columns: M04C, H0M0, GASS, O03D, O03D, ASAR, AS01, STKA, CHMO, Chiang Mai, RPZ, SONA, SONM, MK01, MK31, MK32, MKAR, MKAR, ZALV, ZAA1, KURBB, KURBK, KURBK, MLY, TORO, TOA1, etc. Includes station names and coordinates.

LP	Comp	LR	LR	JCT	Comp	LR	LR	G39A	Comp	LR	LR	G39A	Comp	LR	LR
LP	comp=Z,32nm,0.6s,baz=270,slow=19,SNR=6.1			JCT	comp=Z,16um,18.0s			G39A	Holcombe	24.00	69	P	P	21 12 11.0	-3.7
M34A	comp=Z,12um,21.1s,baz=326,slow=37			D35A	Remer	22.04	64	P	P	21 11 51.3	-3.5	V39A	Pettigrew	24.05	93
F33A	5 Mile Ranch, 20.41 67 P	P	P	H36A	Jessenland, He	22.05	71	P	P	21 11 50.9	-4.1	O40A	La Belle	24.12	82
L34A	Svensden Farm, 20.45 78 P	P	P	YKA	Yellowknife Ar	22.11	11	P	P	21 11 54.5	-0.9	P40A	Paris	24.13	83
C32A	Crookston, 20.47 62 P	P	P	YKA	comp=Z,12nm,0.9s,baz=196,slow=10,SNR=64			YKA	comp=Z,917nm,20.7s,baz=180,slow=36			M40A	Post Highland	24.14	79
O34A	Beatrice, 20.50 84 P	P	P	YKA	comp=Z,12nm,0.9s,baz=196,slow=10,SNR=64			YKA	comp=Z,917nm,20.7s,baz=180,slow=36			F39A	Loretta	24.16	67
HPIG	comp=Z,116nm,1.1s			C35A	Jirik Farms, M	22.16	63	P	P	21 11 52.3	-3.7	N40A	Mertquake, Sal	24.18	80
N34A	Lincoln, 20.52 82 P	P	P	G36A	St. Michael	22.17	69	P	P	21 11 52.4	-3.8	W39A	Magazine	24.19	94
R34A	Isabella, Hill, 20.53 89 P	P	P	YK3W	Yellowknife Ar	22.17	11	eP	P	21 11 56.3	+0.3	X39A	Fountain Ranch	24.22	96
P34A	Walnut Farm, R, 20.53 85 P	P	P	YK3W	comp=Z,313nm,1.0s			K40A	Colesburg	24.22	75	P	P	21 12 13.2	-4.4
B32A	Ashes, Strandq, 20.56 60 P	P	P	N37A	Lee Faris, Mou	22.25	81	P	P	21 11 53.4	-3.7	Q40A	Laux Farm, Aux	24.22	85
K34A	Le Mars, 20.59 76 P	P	P	M37A	Trindle Farm,	22.25	79	P	P	21 11 53.6	-3.5	L40A	Anamosa	24.25	77
Q34A	Chapman, 20.59 87 P	P	P	F36A	Milaca	22.34	68	P	P	21 11 54.0	-4.0	R40A	Maddies Statio	24.29	86
WMOK	Wichita Mounta, 20.63 100 P	P	P	R37A	Teagarden Farm	22.35	88	P	P	21 11 54.5	-3.7	S40A	Lebanon	24.32	88
WMOK	Wichita Mounta, 20.63 100 eP	P	P	L37A	Phoenix Point,	22.37	77	P	P	21 11 54.2	-4.2	E39A	Mellen	24.41	66
WMOK	comp=Z,66nm,0.9s			K37A	Belmond	22.38	76	P	P	21 11 53.8	-4.7	J40A	Soldiers Grove	24.43	74
WMOK	comp=Z,15um,22.0s			P37A	Lathrop	22.39	84	P	P	21 11 54.9	-3.6	T40A	Mansfield	24.45	89
WMOK	Wichita Mounta, 20.63 100 eP	P	P	J37A	Redenius Farm,	22.39	74	P	P	21 11 55.8	-2.8	U40A	Yellville	24.46	91
WMOK	comp=Z,66nm,0.9s			B35A	Bot Littlefor	22.40	61	P	P	21 11 55.1	-3.6	H40A	Norwalk	24.47	72
WMOK				TUL1	Leonard	22.41	94	P	P	21 11 55.5	-3.3	H40A	Chili	24.58	71
J34A	comp=Z,15um,22.0s			TUL1	Leonard	22.41	94	eP	P	21 11 56.4	-2.3	MIAR	Mount Ida	24.61	96
E33A	Westby DABS, E, 20.66 66 P	P	P	O37A	Wolfen Farm, M	22.41	83	P	P	21 11 55.5	-3.3	MIAR	Mount Ida	24.61	96
I34A	Hadley, 20.68 73 P	P	P	I37A	Lemond, Waseca	22.46	72	P	P	21 11 54.5	-4.7	MIAR	MIAR		
A32A	Rocking H Ranc, 20.69 59 P	P	P	Q37A	Longview Farm,	22.48	86	P	P	21 11 55.8	-3.8	MIAR	comp=Z,113nm,1.4s		
H34A	Spellman Lake, 20.73 71 P	P	P	S37A	Fort Scott	22.51	89	P	P	21 11 57.0	-2.9	MIAR	comp=Z,9um,19.0s		
WHY	Whitehorse, 20.76 344 eP	P	Pn	E36A	McGregor	22.55	66	P	P	21 11 57.0	-3.2	MIAR	Mount Ida	24.61	96
WHY	comp=Z,36nm,0.8s			T37A	Cheneyville 18	22.64	91	P	P	21 11 57.0	-4.3	MIAR	comp=Z,113nm,1.4s		
KSU1	Kansas State U, 20.80 87 P	P	P	D36A	Goodland	22.66	64	P	P	21 11 57.3	-4.1	G40A	Rib Lake	24.68	69
KSU1	Kansas State U, 20.80 87 PFAKE			U37A	Salina	22.74	93	P	P	21 11 58.6	-3.6	V40A	Whits Springs	24.68	92
KSU1				H37A	Dierke Farm, C	22.78	71	P	P	21 11 59.3	-3.3	F40A	Park Falls	24.72	67
S34A	Willow Spring, 20.80 91 P	P	P	SCIA	State Center	22.80	78	P	P	21 11 59.0	-3.9	W40A	Argerson Farm,	24.73	94
D33A	AnnSam, Waubun, 20.83 64 P	P	P	SCIA	State Center	22.80	78	PFAKE	LR	21 12 10.0	+7.1	C39A	Grand Marais	24.75	63
G34A	Benson, 20.84 69 P	P	P	SPMN	Marine on St.	22.84	69	P	P	21 11 60.0	-3.4	DAWY	Dawson	24.76	344
SLBS	Sierra La Lagu, 20.85 142 eP	P	Pn	SPMN	Marine on St.	22.84	69	eP	P	21 11 59.8	-3.5	DAWY	comp=Z,45nm,0.9s		
SLBS	comp=Z,408nm,1.7s			M38A	Pleasantville	22.89	79	P	P	21 11 59.8	-4.0	DAWY	comp=Z,8um,20.0s		
C33A	Trail, 20.96 62 P	P	P	WHTX	Lake Whitney,	22.90	105	P	P	21 12 00.6	-3.4	N41A	Harden Midland	24.76	80
T34A	McClaskey Farm, 20.96 93 P	P	P	WHTX	Lake Whitney,	22.90	105	eP	P	21 12 05.0	+1.0	L41A	Preston	24.78	77
ABTX	Abilene, Hawle, 20.98 106 P	P	P	V37A	Hulbert	22.91	94	P	P	21 12 00.8	-3.3	P41A	Barry, Barry	24.83	82
ABTX	Abilene, Hawle, 20.98 106 eP	P	P	O38A	Galt	22.93	82	P	P	21 11 60.0	-4.3	KDAK	Kodiak Island	24.84	322
AGMN	Agassiz Nation, 20.99 61 P	P	P	C36A	Pine Crest Far	22.93	63	P	P	21 11 59.7	-4.5	KDAK	comp=Z,6um,21.2s,baz=136,slow=31		
AGMN	Agassiz Nation, 20.99 61 eP	P	P	L38A	Oak Wood Farm,	22.96	77	P	P	21 11 59.7	-4.5	KDAK	Shullsburg	24.84	75
AGMN	comp=Z,47nm,0.6s			F37A	Hinrichs Farm,	22.97	68	P	P	21 11 59.7	-4.5	JFWS	Jewell Farm	24.84	75
M35A	Neola, 21.02 80 P	P	P	N38A	Joe South For	22.97	81	P	P	21 12 00.2	-4.4	JFWS	Jewell Farm	24.84	75
L35A	Bielow Farm, R, 21.05 78 P	P	P	P38A	Dawn	22.98	84	P	P	21 12 00.1	-4.9	JFWS	comp=Z,53nm,0.6s		
O35A	Humboldt, 21.07 83 P	P	P	K38A	Parkersburg	23.03	76	P	P	21 12 01.0	-4.3	JFWS	comp=Z,18um,20.0s		
F34A	Alexandria, 21.13 68 P	P	P	R38A	Fenwick Farm,	23.08	87	P	P	21 12 01.9	-4.0	M41A	Milan	24.86	78
P35A	Duane Minner, 21.14 85 P	P	P	Q38A	Cooke Store, C	23.09	85	P	P	21 12 02.9	-3.1	O41A	Passleys Farm,	24.87	81
N35A	Tabor, 21.16 81 P	P	P	E37A	Wrenshall	23.14	66	P	P	21 12 02.4	-4.1	E40A	Wakefield	24.87	66
B33A	Robert and Kas, 21.16 61 P	P	P	D37A	Cotton	23.16	64	P	P	21 12 03.1	-3.5	MENT	Mentasta	24.89	338
J35A	Milford, 21.19 74 P	P	P	J38A	Wedel Dairy, R	23.18	74	P	P	21 12 03.3	-4.5	MENT	comp=Z,98nm,1.2s		
K35A	Storm Lake, 21.22 76 P	P	P	I38A	Scanlan Farm,	23.23	72	P	P	21 12 03.2	-4.0	Q41A	Truxton	24.89	84
E34A	Wadena, 21.23 66 P	P	P	H38A	Maiden Rock,	23.23	71	P	P	21 12 03.1	-4.2	S41A	Jillo Farms,	24.89	88
D34A	Park Rapids, 21.27 64 P	P	P	X37A	Clayton	23.24	97	P	P	21 12 04.2	-3.2	R41A	Rosebud	24.96	86
Q35A	Mercer Eighty,	21.29	87	S38A	Stockton	23.25	89	P	P	21 12 04.3	-3.2	J41A	Loganville	24.96	74
R35A	Emporia Municipi, 21.31 88 P	P	P	U38A	Gravette	23.28	92	P	P	21 12 04.7	-4.1	I41A	Arkdale	24.99	72
I35A	Creekview Farm, 21.32 73 P	P	P	C37A	Embrass	23.36	63	P	P	21 12 05.7	-2.9	T41A	Mountain View	25.05	89
ULM	Lac du Bonnet, 21.39 55 P	P	P	435B	Jarell	23.44	108	P	P	21 12 06.8	-2.7	Y40A	Okolona	25.05	97
ULM	comp=Z,15nm,0.4s,baz=256,slow=9,SNR=29			V38A	Canehill	23.47	93	P	P	21 12 06.2	-3.5	NATX	Nacogdoches	25.07	103
ULM	comp=Z,1.5nm,0.7s,baz=93,slow=13,SNR=3.8			F38A	Pierce - Schro	23.49	67	P	P	21 12 06.2	-3.5	NATX	Nacogdoches	25.07	103
ULM				N39A	Dot Farms, D	23.50	80	P	P	21 12 07.3	-2.5	NATX	comp=Z,16um,20.0s		
A33A	Warroad, 21.41 59 P	P	P	G38A	Ridgeland	23.52	69	P	P	21 12 06.8	-4.1	H41A	Junction City	25.10	71
S35A	Otter Creek Ra, 21.41 90 P	P	P	Q39A	Willow Grove F	23.55	85	P	P	21 12 06.3	-3.8	CCM	Cathedral Cave	25.13	86
H35A	Sunnyside Ranc, 21.41 71 P	P	P	O39A	Kirkville	23.59	82	P	P	21 12 07.0	-3.5	CCM	Cathedral Cave	25.13	86
HYT	Haines Junctio, 21.49 341 eP	P	P	P39B	Salisbury	23.61	84	P	P	21 12 07.0	-3.9	CCM	Cathedral Cave	25.13	86
HYT	comp=Z,80nm,1.1s			R33A	Chapparral WMA,	23.61	115	P	P	21 12 07.8	-2.3	CCM	comp=Z,101nm,0.6s		
T35A	Sooner Cattle, 21.51 92 P	P	P	M39A	Webster	23.64	79	P	P	21 12 07.8	-2.3	CCM	comp=Z,12um,20.0s		
C34A	RKJ Ranch, Bem, 21.52 63 P	P	P	L39A	Vinton	23.66	77	P	P	21 12 07.8	-2.3	CCM	Cathedral Cave	25.13	86
F35A	Swanville, 21.61 68 P	P	P	HHAR	Hobbs	23.67	92	PFAKE	LR	21 12 07.8	-2.3	CCM	comp=Z,100nm,0.6s		
G35A	Watkins, 21.66 69 P	P	P	HHAR	Hobbs	23.67	92	PFAKE	LR	21 12 07.8	-2.3	CCM	comp=Z,100nm,0.6s		
V35A	Meyer Ranch, C, 21.67 95 P	P	P	S39A	Bolivar	23.67	88	P	P	21 12 06.7	-4.9	U41A	Viola	25.17	90
N36A	Muff Farm, Cla, 21.68 81 P	P	P	K39A	Olwein	23.67	75	P	P	21 12 06.7	-4.9	SCM	Sheep Creek Mo	25.18	333
M36A	Felix, Anita, 21.69 79 P	P	P	W38A	Potter Farms,	23.69	95	P	P	21 12 06.7	-4.9	SCM	comp=Z,138nm,1.0s		
L36A	Harm Buss Farm, 21.70 78 P	P	P	R39A	Chumby, Stover	23.70	87	P	P	21 12 06.7	-4.9	SCM	comp=Z,138nm,1.0s		
Q36A	Arnold C. Orve, 21.70 86 P	P	P	E38A	The Farm, Brul	23.73	66	P	P	21 12 06.7	-4.9	X40A	Basin Creek Fa	25.19	95
P36A	Good Intent, A, 21.73 84 P	P	P	J39A	Decorah	23.73	74	P	P	21 12 06.7	-4.9	V41A	Mountainview	25.20	92
E35A	Pequot Lakes, 21.76 66 P	P	P	I39A	Houston	23.82	73	P	P	21 12 06.7	-4.9	X301	Greenbrier Sit	25.22	

C40A	Isle Royale Na baz=268	25.41	63	P	P	21 12 23.3	-4.2	RND	comp=Z,4µm,18.0s	LR	LR	GLMI	Grayling comp=Z,2.2nm,0.4s	28.66	69	eP	P	21 12 55.8	-0.9				
PAX	Paxon	25.42	337	eP	Pmax	21 12 30.2	+2.7	E43A	Lone Tree Farm baz=272	26.88	66	P	P	21 12 37.8	-3.0	GLMI	comp=Z,11µm,19.0s	28.68	89	P	P	21 12 51.7	-5.2
PAX	comp=Z,46nm,1.4s							MCK	McKinley	27.04	335	eP	Pmax	21 12 44.3	+2.2	W47A	Nurdy baz=292	28.80	83	P	P	21 12 55.1	-3.0
Q42A	Golden Eagle baz=286	25.42	84	P	P	21 12 24.6	-3.0	MCK	comp=Z,57nm,1.1s			MLR	MLR	WCI	Wyandotte Cave baz=288	28.80	83	P	P	21 12 57.8	-0.2		
M42A	Sheffield baz=281	25.43	78	P	P	21 12 24.3	-3.4	MCK	comp=Z,3µm,19.0s	27.04	335	eP	P	21 12 44.3	+2.2	W47A	Wyandotte Cave baz=284	28.80	90	P	P	21 12 54.1	-4.3
F41A	Three Lakes baz=272	25.43	68	P	P	21 12 24.6	-3.1	MCK	comp=Z,3µm,19.0s			LR	LR	X47A	Russelville baz=294	28.83	91	P	P	21 12 56.4	-2.8		
UALR	University of	25.44	94	PFAKE	LR	21 12 40.0	+1.2	MET	Memphis-Engin	27.12	92	PFAKE	LR	T48A	Gowdwin Green baz=290	29.08	86	P	P	21 12 57.3	-3.2		
UALR	comp=Z,11µm,18.0s							CHGN	comp=Z,12µm,20.0s			LR	LR	S48A	Wiedeman Farm, baz=289	29.16	84	P	P	21 12 57.9	-3.3		
Q42A	Bath baz=283	25.45	81	P	P	21 12 23.8	-4.0	CHGN	Chignik	27.13	316	PFAKE	LR	Y47A	UCPARC, Winfie baz=292	29.19	93	P	P	21 12 58.4	-3.1		
140A	Cam and Jess, baz=298	25.45	100	P	P	21 12 27.2	-0.7	GLAT	comp=Z,6µm,20.0s	27.19	89	PFAKE	LR	V48A	Smith Brothers	29.24	88	P	P	21 13 00.0	-1.9		
ZAIG	Zacatecas	25.50	129	eP	P	21 12 30.8	+2.1	GLAT	comp=Z,18µm,18.0s			LR	LR	Z47A	Carrollton baz=296	29.32	94	P	P	21 13 01.2	-1.5		
SML	Sawmill comp=Z,50nm,1.1s	25.50	333	eP	Pmax	21 12 30.7	+2.5	O45A	Potomac	27.19	80	P	P	21 12 40.5	-3.1	W48A	Pulaski baz=293	29.32	90	P	P	21 13 01.5	-1.8
SML	comp=Z,21nm,1.3s							IL1	Eielson Array	27.20	338	eP	P	21 12 44.8	+1.3	FALS	False Pass baz=295	29.49	311	PFAKE	LR	21 13 20.0	+1.6
SML	Sawmill	25.50	333	eP	P	21 12 30.7	+2.5	ILAR	Eielson Array	27.20	338	eP	P	21 12 44.3	+0.9	FALS	False Pass	29.49	311	PFAKE	LR	21 13 20.0	+1.6
E41A	Kento baz=271	25.52	66	P	P	21 12 25.5	-2.9	ILAR	comp=Z,1.1nm,0.9s,baz=152,slow=7.9,SNR=63			pP	pP	X48A	Hartsele baz=294	29.57	91	P	P	21 13 00.8	-4.1		
K42A	Prairie Point, baz=278	25.52	75	P	P	21 12 26.0	-2.5	ILAR	comp=Z,40nm,1.0s,baz=153,slow=6.9,SNR=34			PcP	PcP	Z48A	Northport baz=296	29.64	93	P	P	21 13 01.4	-4.0		
RC01	Rabbit Creek A	25.53	330	PFAKE	LR	21 12 40.0	+1.2	ILAR	comp=Z,6.7nm,0.8s,baz=177,slow=1.9,SNR=22			pP	pP	Y48A	Jasper baz=295	29.70	92	P	P	21 13 01.4	-4.5		
RC01	comp=Z,5µm,20.0s							ILAR	comp=Z,6.1nm,0.8s,baz=178,slow=2.6,SNR=8.5			LR	AAM	Ann Arbor baz=282	29.74	74	P	P	21 13 05.3	-1.0			
DOT	Dot Lake	25.55	339	PFAKE	LR	21 12 40.0	+1.1	ILB	comp=Z,5µm,21.5s,baz=156,slow=33			pP	pP	COLD	Coldfoot comp=Z,2.2nm,1.1s	29.95	340	eP	P	21 13 09.8	+2.0		
DOT	comp=Z,14µm,21.0s							ILB	Eielson Array	27.20	338	eP	P	21 12 44.7	+1.3	COLD	Coldfoot	29.95	340	eP	P	21 13 09.8	+2.0
S42A	Caledonia baz=288	25.55	87	P	P	21 12 25.9	-3.0	N45A	Kentland	27.21	78	P	P	21 12 40.1	+0.3	COLD	comp=Z,2.2nm,1.1s			LR	LR		
T42A	Van Buren baz=290	25.56	88	P	P	21 12 25.5	-3.4	Q45A	Warren Harvey, baz=286	27.21	83	P	P	21 12 39.1	-4.7	148A	Greensboro baz=297	29.95	95	P	P	21 13 06.5	-1.6
J42A	Columbus baz=277	25.61	73	P	P	21 12 26.8	-2.5	HALT	Halls	27.28	90	PFAKE	LR	SWET	Sewanee	30.11	89	PFAKE	LR	21 13 20.0	+1.0		
Y41A	Eaglette Beard baz=296	25.61	96	P	P	21 12 28.2	-1.2	HALT	comp=Z,15µm,19.0s			LR	LR	SWET	comp=Z,14µm,19.0s			LR	LR				
PMR	Palmer	25.64	332	eP	Pmax	21 12 30.6	+1.3	TRF	Thorafore Moun	27.29	334	eP	P	21 12 46.1	+1.7	UNM	Universidad Na	30.15	129	PFAKE	LR	21 13 20.0	+1.0
PMR	comp=Z,89nm,1.1s							TRF	comp=Z,125nm,1.4s			eP	P	21 16 02.3	-1.0	UNM	comp=Z,6µm,20.0s			LR	LR		
PMR	Palmer	25.64	332	eP	P	21 12 30.6	+1.3	R45A	Skylar, Fairir baz=287	27.29	84	P	P	21 12 40.0	-4.5	LRAL	Lakeview Retre baz=296	30.20	94	P	P	21 13 08.5	-1.9
U42A	Reynden baz=291	25.68	90	P	P	21 12 27.4	-2.6	OLIL	Olney	27.30	83	PFAKE	LR	LRAL	Lakeview Retre baz=296	30.20	94	eP	P	21 13 09.7	-0.7		
I42A	Draeger Farm, baz=276	25.70	72	P	P	21 12 27.7	-2.4	OLIL	comp=Z,13µm,19.0s			LR	LR	LRAL	comp=Z,8µm,18.0s			LR	LR				
SLM	Saint Louis	25.72	84	PFAKE	LR	21 12 40.0	+1.0	P45A	Graceland, Par baz=285	27.35	81	P	P	21 12 40.7	-4.4	Z49A	Columbiana baz=296	30.49	93	P	P	21 13 10.3	-2.6
SLM	comp=Z,15µm,18.0s							CCB	Clear Creek Bu comp=Z,32nm,1.1s	27.37	338	eP	P	21 12 46.7	+1.8	149A	Jones	30.55	94	P	P	21 13 11.7	-1.8
EGAK	Eagle	25.76	343	eP	P	21 12 31.9	+1.4	T45A	Paducah	27.42	87	P	P	21 12 40.9	-4.8	X50A	Fort Payne baz=297	30.62	90	P	P	21 13 11.0	-3.2
EGAK	comp=Z,40nm,1.2s							COLA	College	27.55	338	eP	Pmax	21 12 48.2	+1.7	ACSO	Alum Creek Sta baz=285	30.71	78	P	P	21 13 12.7	-2.1
V42A	Cord	25.77	91	P	P	21 12 27.9	-2.9	COLA	comp=Z,24nm,1.1s			MLR	MLR	ACSO	Alum Creek Sta	30.71	78	PFAKE	LR	21 13 30.0	+1.5		
FVM	French Village	25.77	86	eP	Pmax	21 12 29.7	-1.1	COLA	comp=Z,4µm,22.0s			LR	LR	AKUT	Akutan	30.72	310	PFAKE	LR	21 13 30.0	+1.5		
FVM	comp=Z,134nm,1.7s							COLA	College	27.55	338	eP	P	21 12 48.2	+1.7	AKUT	comp=Z,17µm,20.0s			LR	LR		
FVM	comp=Z,12µm,18.0s							COLA	comp=Z,24nm,1.1s			LR	LR	349A	comp=Z,4µm,19.0s			P	P	21 13 14.9	-1.1		
FVM	French Village	25.77	86	eP	P	21 12 29.7	-1.1	KTH	Kantisha Hill comp=Z,39nm,0.9s	27.57	334	eP	P	21 12 47.9	+1.1	TOLK	Toolik Lake Re baz=140	30.86	342	P	P	21 13 17.7	+1.8
FVM	comp=Z,134nm,1.7s							PPLA	Purkeypile	27.58	332	eP	P	21 12 48.9	+1.9	Z50A	Ashland baz=296	30.92	92	P	P	21 13 14.1	-2.7
D41A	Chassel baz=270	25.79	65	P	P	21 12 28.6	-2.3	SFIN	Lafayette	27.62	79	P	P	21 12 44.3	-3.1	BRAL	Brewton	31.02	97	PFAKE	LR	21 13 30.0	+1.2
LNIG	Linares	25.84	121	PFAKE	LR	21 12 40.0	+8.4	MDM	Murphy Dome comp=Z,28nm,1.0s	27.72	338	eP	P	21 12 49.9	+1.7	BRAL	comp=Z,10µm,19.0s			LR	LR		
LNIG	comp=Z,8µm,22.0s							MDM	comp=Z,5µm,21.0s			LR	LR	CPCT	Cooper Cave	31.09	88	eP	P	21 13 17.9	-0.4		
H42A	Shiocton baz=275	25.91	71	P	P	21 12 29.0	-3.0	P46A	Rosedale baz=285	27.73	81	P	P	21 12 45.6	-2.8	CPCT	comp=Z,14µm,19.0s			LR	LR		
G42A	Mountain baz=274	25.93	69	P	P	21 12 29.5	-2.8	OXF	Oxford	27.76	93	P	P	21 12 46.9	-1.8	UNV	Unalaska Valle baz=287	31.12	309	eP	P	21 13 19.4	+1.1
HDIL	Hopedale baz=283	25.95	80	P	P	21 12 28.5	-3.9	OXF	Oxford	27.76	93	eP	P	21 12 46.9	-1.8	150A	Eclectic	31.13	94	P	P	21 13 15.8	-2.8
HDIL	Hopedale	25.95	80	eP	P	21 12 30.0	-2.4	OXF	comp=Z,25nm,0.5s			Pmax	Pmax	TZTN	Tazewell baz=291	31.42	85	P	P	21 13 19.7	-1.5		
HDIL	comp=Z,21nm,0.5s							OXF	comp=Z,10µm,18.0s			MLR	MLR	TZTN	Tazewell	31.42	85	PFAKE	LR	21 13 30.0	+8.8		
N43A	Stutzman Famil baz=282	25.96	79	P	P	21 12 29.7	-2.8	OXF	comp=Z,25nm,0.5s			MLR	MLR	TZTN	comp=Z,12µm,18.0s			LR	LR				
P43A	Skaggs, Pawnee baz=284	26.00	82	P	P	21 12 30.4	-2.4	OXF	Oxford	27.76	93	eP	P	21 12 48.7	-0.1	LVIG	Laguena Verde	31.53	124	PFAKE	LR	21 13 40.0	+1.8
O43A	Sugar Creek Fa baz=283	26.00	80	P	P	21 12 29.3	-3.6	OXF	comp=Z,10µm,18.0s			LR	LR	LVIG	comp=Z,4µm,19.0s			LR	LR				
M43A	Waltham Townsh baz=281	26.02	78	P	P	21 12 29.6	-3.4	N46A	Montislo baz=283	27.78	78	P	P	21 12 46.1	-2.7	TKL	Tuckaleechee C comp=Z,1.1nm,0.7s,baz=231,slow=5.9,SNR=8.6	31.57	87	P	P	21 13 20.5	-2.0
Q43A	New Douglas baz=286	26.04	83	P	P	21 12 30.4	-2.9	INK	Inuvik	27.78	352	P	P	21 12 48.8	+0.3	TKL	comp=Z,1.9µm,19.0s,baz=288,slow=38	31.57	87	eP	P	21 27 16.7	
L43A	Garden Prairie baz=280	26.05	76	P	P	21 12 30.6	-2.7	INK	comp=Z,15nm,0.9s,baz=153,slow=8.7,SNR=41			Lg	Lg	TKL	Tuckaleechee C	31.57	87	eP	Pmax	21 13 21.8	-0.8		
R43A	Red Bud baz=287	26.05	85	P	P	21 12 30.2	-3.2	INK	comp=Z,0.5nm,0.6s,baz=233,slow=20,SNR=2.2			LR	LR	TKL	comp=Z,16nm,1.0s			LR	LR				
DHY	Denali Highway comp=Z,48nm,1.0s	26.08	335	eP	P	21 12 36.5	+3.0	INK	comp=Z,10µm,18.0s,baz=158,slow=39			LR	LR	251A	Midway								

Table with columns for station name, frequency, power, and other technical details. Includes stations like GO Pecny, Ondr, SSB Saint Sauveur, WET Zwertli, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MORC comp=Z,4m,20.0s, FETA Feichten, BNI Bardonecchia, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like AKASG comp=Z,0.3nm,0.4s, AKASG comp=Z,1m,19.0s, AKASG comp=Z,1.0nm,0.7s, etc.

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

WEL 13 21:25:23.0, 36 S 11x 17 8E, h223km, 10M
NEIC 13 21:25:24.0, 0.0, 36 S 12x 17 79E, h194km, ML4.0(WEL), After WEL

ISCJB 13 21:25:27.7, 1.0, 36 S 51 S:0.08:177.59E:0.08, h200km, Error ellipse: s-maj=11.6km s-min=9.0km az=16.5
IDC 13 21:25:51.8, 5.7, 33.22 S:179.29W, h0km, mb3.9/2, mb1 4.22, mb1mx3.739, mbmtmp3.9/2, Error ellipse: s-maj=246.0km s-min=52.0km az=161.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MXZ Matakaoa Point, HAZ Te Kaha, PKGZ Pakihoro, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TWGZ Tauwhareparea, URWZ Tauwhareparea, URWZ Urewera, etc.

IDC 13 21:47:18.6, 2.1, 0.0:58S:128.02E, h0km, mb3.0/3, mb1 3.3/3, mb1mx3.0/55, mbmtmp3.1/3, Error ellipse: s-maj=155.7km s-min=25.8km az=67.0
DJA 13 21:47:19.8, 0.3, 1 S 3:3 12 E, h10km, M3.77, mb4.0/1, MLV3.57

ISCJB 13 21:47:20.9, 0.8, 0.64S:126.76E:0.04, h35km, mb3.2/2, Error ellipse: s-maj=10.6km s-min=5.3km az=9
IDC 13 21:47:21.9, 1.3, 0.65S:109.126W:0.05, h35km, n10, r182/14, Southern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LBMI Labuha, SANI Sanana, NLANI Namle, etc.

IDC 13 21:58:02.6, 1.9, 37.67N:142.23E, h0km, mb3.5/5, mb1 3.6/7, mb1mx3.4/71, mbmtmp3.6/7, ML3.4/2, Error ellipse: s-maj=42.0km s-min=23.6km az=77.0
ISCJB 13 21:58:09.4, 1.3, 37.51N:141.91E:0.07, h26km, 7km, mb3.4/5, Error ellipse: s-maj=10.0km s-min=6.2km az=15.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JFA Kawauchi, JMM Marumori, JONJ Iwakimizuishi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JFT Okura, JOU Ichinoseki, JMK Shirataki, etc.

IDC 13 22:05:55.6, 1.5, 1.23N:126.62E, h0km, mb3.7/5, mb1 3.8/5, mb1mx3.4/57, mbmtmp3.7/5, Error ellipse: s-maj=170.1km s-min=18.4km az=65.0
ISCJB 13 22:06:01.2, 0.9, 0.84N:126.03E:0.05, h44km, mb3.6/5, Error ellipse: s-maj=11.9km s-min=5.8km az=25.3

DJA 13 22:06:04.8, 1.1, 1 N 4:12 12 E, h29km, 11km, M3.9/8, mb5.0/1, mb4.2/4, MLV3.78, MW(MB)4.3/1
ISC 13 22:06:03.2, 1.1, 0.76N:126.01E:0.06, h44km, n13, r153/16, mb3.8/5, Northern Molucca Sea

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

JMA 13 22:31:21.5, 0.2, 37.71N:144.44E, h46km, M3.6, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JIO Ouri, OFUJ Ofunato, MIYJ Miyakonagasawa, etc.

MAN 13 22:47:32, 10.17N:123.22E, h42km, mb4.0, ML2.8, MS2.4, 1D, Caba

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu, GUIM Jordan, TBP Tagbilaran, etc.

ISCJB 13 22:56:51.5, 1.2, 10.12S:160.20E:0.2, h32km, mb3.7/7, Error ellipse: s-maj=25.8km s-min=9.7km az=6
IDC 13 22:56:56.8, 2.1, 9.82S:159.88E, h46km, 10km, mb3.5/7, mb1 3.6/8, mb1mx3.4/50, mbmtmp3.7/8, ML3.8/1, MS2.9/1, Ms1 2.9/1, ms1mx2.5/26, Error ellipse: s-maj=55.1km s-min=20.0km az=119.0

ISC 13 22:56:53.6, 1.5, 10.06S:160.20E:0.2, h32km, n17, r84/22, mb3.9/7, Bougainville Solomon Islands region

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

Table with columns: Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like H11S3 WAKE ISLAND, H11S1 WAKE ISLAND, H11N1 WAKE ISLAND, etc.

Station Name: IDC 13:23:07.06.0.0, 28.07Nk:142.66E, h0km, mb4.2/30, mb1.4, 3/33, mb1mx4.2/66, mbtmp4.2/33, ML3.6/3, MS3.5/7, Ms1.3.6/7, ms1mx3.1/59, Error ellipse: s-maj=16.4km s-min=10.5km az=99.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CBIJ Chichi jima, CBIJ Chichijima, CJJ Chichijima, etc.

Station Name: MAJO Matushiro, MAJO Matushiro, MAJO Matushiro, etc.

Station Name: MJAR Mutsuhiro Arr, MJAR Mutsuhiro Arr, MJAR Mutsuhiro Arr, etc.

Station Name: MAJJO Matushiro, MAJJO Matushiro, MAJJO Matushiro, etc.

Station Name: MJBW Matsu-Tunnel, MJBW Matsu-Tunnel, MJBW Matsu-Tunnel, etc.

Station Name: KRSR Korea Array, KRSR Korea Array, KRSR Korea Array, etc.

Station Name: KRSR Korea Array, KRSR Korea Array, KRSR Korea Array, etc.

Station Name: KRSR Korea Array, KRSR Korea Array, KRSR Korea Array, etc.

Station Name: H11N2 WAKE ISLAND, H11N1 WAKE ISLAND, H11N3 WAKE ISLAND, etc.

Station Name: H11S1 WAKE ISLAND, H11S2 WAKE ISLAND, H11S3 WAKE ISLAND, etc.

Station Name: WHN Wuhan, WHN Wuhan, WHN Wuhan, etc.

Station Name: ZEA Zeya, ZEA Zeya, ZEA Zeya, etc.

Station Name: HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, etc.

Station Name: ENH Enshi, ENH Enshi, ENH Enshi, etc.

Station Name: XAN Xi'an, XAN Xi'an, XAN Xi'an, etc.

Station Name: MA2 Magadan, MA2 Magadan, MA2 Magadan, etc.

Station Name: LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, etc.

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

Station Name: SONA1 Songino Array, SONA1 Songino Array, SONA1 Songino Array, etc.

Station Name: SEY Seymchan, SEY Seymchan, SEY Seymchan, etc.

Station Name: KMI Kunming, KMI Kunming, KMI Kunming, etc.

Station Name: BOD Bodaibo, BOD Bodaibo, BOD Bodaibo, etc.

Station Name: GTA Gaotai, GTA Gaotai, GTA Gaotai, etc.

Station Name: ZAK Zakamensk, ZAK Zakamensk, ZAK Zakamensk, etc.

Station Name: TLY Talaya, TLY Talaya, TLY Talaya, etc.

Station Name: TLY Talaya, TLY Talaya, TLY Talaya, etc.

Station Name: MOY Mody, MOY Mody, MOY Mody, etc.

Station Name: CHTO Chiang Mai, CHTO Chiang Mai, CHTO Chiang Mai, etc.

Station Name: CM31 Chiang Mai Arr, CM31 Chiang Mai Arr, CM31 Chiang Mai Arr, etc.

Station Name: CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

Station Name: CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

Station Name: TIXI Tiksi, TIXI Tiksi, TIXI Tiksi, etc.

Station Name: WMQ Urumqi, WMQ Urumqi, WMQ Urumqi, etc.

Station Name: WMQ Urumqi, WMQ Urumqi, WMQ Urumqi, etc.

Station Name: WMQ Urumqi, WMQ Urumqi, WMQ Urumqi, etc.

Station Name: WRAB Tennant Creek, WRAB Tennant Creek, WRAB Tennant Creek, etc.

Station Name: WRAB Tennant Creek, WRAB Tennant Creek, WRAB Tennant Creek, etc.

Table with columns: Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, INK Inuvik, SVE Sverdlovsk, etc.

Station Name: ARU Arti, ARU Arti, ARU Arti, etc.

Station Name: ARU Arti, ARU Arti, ARU Arti, etc.

Station Name: ARU Arti, ARU Arti, ARU Arti, etc.

Station Name: ARU Arti, ARU Arti, ARU Arti, etc.

Station Name: ARU Arti, ARU Arti, ARU Arti, etc.

Station Name: ARU Arti, ARU Arti, ARU Arti, etc.

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Station Name: ARU Arti, ARU Arti, ARU Arti, etc.

Station Name: ARU Arti, ARU Arti, ARU Arti, etc.

Station Name: ARU Arti, ARU Arti, ARU Arti, etc.

Station Name: ARU Arti, ARU Arti, ARU Arti, etc.

Station Name: ARU Arti, ARU Arti, ARU Arti, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MEX 13:21:59.12.7, 14.26N-94.37W, etc.

Station Name: ISCJB 13:23:29.51.2.0.7, 21.8S:0.2:179.6W:0.1, h592km, mb0.7/11, Error ellipse: s-maj=23.0km s-min=13.7km

Station Name: IDC 13:23:29.51.2.0.7, 21.8S:0.2:179.6W:0.1, h592km, mb3.7/10, mb1.3/9.11, mb1mx3.5/46, mbtmp4.6/11, Error ellipse: s-maj=20.0km s-min=13.6km az=167.0

Station Name: IDC 13:23:29.52.3.0.7, 21.8S:0.2:179.5W:0.1, h592km, n18, c1929/23, mb4.1/11, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, PMG Port Moresby, STKA Stephens Creek, etc.

Station Name: ISCJB 13:23:43.48.0.0.7, 44.44N:0.04:105.38W:0.07, h0km, Error ellipse: s-maj=7.7km s-min=5.5km az=178.6

Station Name: NEIC 13:23:43.47.9.0.8, 44.52N:105.31W, h0km, MN2.7, Error

ellipse: s-maj=11.5km s-min=8.9km az=56.0, Suspected Mining explosion.

NEIC 27 km [17 miles] NE of Gillette.

IDC 13 23:43:47.4, 1.5, 44.45N-105.73W, h0km, mb1 3, 1/3, mb1mx2.9/68, mbtmp2.9/3, ML2.6/3, Error ellipse: s-maj=44.3km s-min=9.2km az=142.0

ISC 13 23:43:46.1±0.8, 44.48N±0.03, 105.66W±0.04, h0km, n17, c241/25, Wyoming

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like RSSD Black Hills, K22A Casper, LAO LASA Array, etc.

ATH 13 23:44:53.8, 38.99N-27.93E, h10km, 2km, ML2.7/8, Error ellipse: s-maj=3.3km s-min=1.1km az=243.0

ISK 13 23:44:56.9, 39.01N-27.76E, h11km, ML3.2/3

DDA 13 23:44:56.8, 39.01N-27.78E, h7km, ML3.6

ISCJUB 13 23:44:57.1±0.4, 39.00N±0.01, 27.77E±0.02, h8km, 3km, Error ellipse: s-maj=2.7km s-min=2.4km az=9.8

CSEM 13 23:44:57.4±0.1, 38.99N-27.76E, h10km, ML3.2, Error ellipse: s-maj=2.2km s-min=2.1km az=135.0

ISC 13 23:44:57.4±0.8, 39.00N±0.02, 27.76E±0.02, h12km, 6km, n130, c0972/170, Turkey

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like AKS Akhisar, AKV Akhisar, BALB Balikesir, etc.

comp=N,520μm,0.5s

SMG Samos 1.48 210 P S

KHAL Karahalli 1.49 114 i P

SMG Samos 1.49 114 P S

SIGR SIGRI 1.50 279 P S

SIGR SIGRI 1.50 279 P S

SIGR comp=E,510μm,0.3s

SIGR SIGRI 1.50 279 P P

SIGR SIGRI 1.50 279 P P

LPK Lapseki 1.58 331 P N

MDNY Mudanya-Bursa 1.62 32 P N

RKY Sarkoy-Tekirda 1.75 345 P N

ARMT Armutlu 1.78 28 P N

GEMT Gemlik 1.81 37 P N

GOKT Gokceada-Canak 1.86 311 P N

GOKC Gokceada-Canak 1.86 311 P N

GADA Givgeada 1.87 310 P N

ERIK Erikli-Kesan 1.93 330 P N

BODT Bodrum 1.96 191 P N

CAVI Cavusoy 2.01 53 P N

ADVT Abdulvahap 2.09 46 P N

CRLT Corlu 2.13 359 P N

ENEZ Enez 2.13 325 P N

LIA Limnos Island 2.19 295 P S

LIA Limnos Island 2.19 295 P S

LIA comp=E,187μm,0.6s

LIA Limnos Island 2.19 295 P S

SHUT Suhut-Afyon 2.23 101 P N

SLVT Silivri 2.26 9 P N

SMTH Samothraki Isl 2.26 311 P S

SMTH comp=E,189μm,0.4s

SMTH Samothraki Isl 2.26 311 P S

KAVV Kandilli-Istan 2.29 25 P N

ISK Istanbul-Kandi 2.29 25 P N

CTKS Kestanelik-?2a 2.31 14 P N

ALN Alexandroupoli 2.31 326 P N

ALN Alexandroupoli 2.31 326 P N

ALN comp=N,180μm,0.5s

ALN Alexandroupoli 2.31 326 P N

BGKT Bogazkoy 2.31 19 P N

BGKT Bogazkoy 2.31 19 P N

HRT Hereke 2.34 38 P N

KLYT Kilyos 2.46 23 P N

GULT Gulveren 2.56 55 P N

FETY Fethiye 2.58 156 P N

SAUV Serdivan-Sakar 2.63 48 P N

RDO Rodhopi 2.74 322 P S

RDO comp=N,71μm,0.2s

RDO Rodhopi 2.74 322 P S

RDO Rodhopi 2.79 172 P S

ARG Arkhangelos 2.79 174 P S

SRS Serrai 3.84 305 P P

SRS Serrai 3.84 305 P P

IDC 14 00:13:30.4, 7.3, 35.87N-71.02E, h95km, 57km, mb3.1/2, mb1 3, 0/5, mb1mx2.8/64, mbtmp3.3/5, ML2.9/3, Error ellipse: s-maj=80.0km s-min=2.0km az=152.0

NNC 14 00:13:41.2, 7.3, 37.09N-70.56E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=56.8km s-min=48.7km az=161.0

ISC 14 00:13:37.9±2.2, 36.6N±0.2, 70.70E±0.10, h10km, n9, c146/13, 3C-4D, Hindu Kush region

SFK Sufi-Kurgan 4.07 32 Op P

SFK 4.2mm, 0.3s P S

MNAS Manas 6.06 13 P N

MNAS 1.4mm, 0.4s P N

KK31 Karatay Array 6.41 359 P N

AAK Ala-Archa 6.71 25 P N

GEY 5.2mm, 0.5s P N

GEYT Alibeck 10.12 281 P N

GEYT 0.2mm, 0.3s, baz=103, slow=16, SNR=3.2 P N

MKAR Makanchi Array 13.36 37 P N

KURBB Kurchatov Arr 15.12 19 P P

ZAL Zalesovo Beam 19.94 25 P P

TORD Torodi Arr. Bea 65.48 268 P P

IDC 14 00:47:22.4±4.4, 61.69S-155.02E, h0km, mb4.0/3, mb1 4.2/4, mb1mx3.9/35, mbtmp4.0/4, ML3.6/1, MS3.8/9, Ms1 3.7/9, ms1mx3.4/31, Error ellipse: s-maj=268.3km s-min=39.1km az=76.0, Balleny Islands region

VNDA Vanda 16.06 175 Op P

VNDA 0.2mm, 0.3s, baz=345, slow=15, SNR=4.7 P N

RPZ Rata Peaks 20.35 35 LR

URZ Urewera 27.15 40 LR

STKA Stephens Creek 31.07 338 P P

1.2mm, 0.7s, baz=165, slow=19, SNR=3.3

MAW Mawson 36.38 220 LR

H01W1 Cape Leeuwin H 37.16 297 T

H01W2 Cape Leeuwin H 37.16 297 T

H01W3 Cape Leeuwin H 37.16 297 T

DZM Mont Dzumac 40.37 16 LR

ASAR Alice Springs 40.66 330 P

WRA Warramunga Arr 44.14 332 P

SNAa Snaa 46.04 19 LR

HNR Honiara 52.28 6 LR

PMG Port Moresby 52.50 350 LR

PLCA Paso Flores 71.47 145 LR

H0S2 Diego Garcia H 79.77 273 T

H0S1 Diego Garcia H 79.78 273 T

H0S3 Diego Garcia H 79.79 273 T

KRSC 14 00:56:51.5±1.5, 49.23N±157.17E, h40km, 23.5km, ML3.9, East of Kuril Islands

SKR Severo-Kuril's 1.61 335 Op P

PAU Pauzhetka 2.25 354 Op P

KDTR Khodutka, Kamc 2.65 12 Op P

ASAK Asacha 3.19 8 Op P

RUS Russkaya 3.32 14 Op P

MTVR Mutnovka 3.32 11 Op P

KRMR Karymshinskiy 3.66 9 Op P

APC Apacha 3.70 360 P P

DALK Dalny 3.94 14 Op P

UGLR Uglovaya 4.12 14 Op P

AVH Avchaha 4.16 13 Op P

SMAR Somma 4.17 14 Op P

NLC Nalytchevo 4.18 18 Op P

SDLR Sedlovina 4.20 14 Op P

SPN Mys Shipunski 4.27 24 Op P

GNL Ganaly 4.50 6 Op P

KBTR Krutoberegovo 7.78 24 Op P

IDC 14 01:13:31.2±2.2, 82S, 129.43E, h0km, mb3.3/2, mb1 3.7/4, mb1mx3.3/50, mbtmp3.3/54, ML3.4/2, MS2.7/1, Ms1 2.9/1, ms1mx2.3/21, Error ellipse: s-maj=117.5km s-min=25.3km az=73.0

DJA 14 01:13:39.1±0.3, 4 S, 3.15E, h10km, 23.5km, MLV3.5/6, Error ellipse: s-maj=117.5km s-min=25.3km az=73.0

IDC 14 01:13:37.0±0.9, 3.15S, 0.12E, h10km, 23.5km, MLV3.5/6, Error ellipse: s-maj=117.5km s-min=25.3km az=73.0

MSAI Masohi 0.24 146 Op P

AAI Ambon 0.80 228 P S

NLAI Namlea 1.69 267 P S

BNDI Bandaaira 1.76 141 P S

SANI Sanana 3.01 291 P S

SAWI Sorong 3.35 47 P S

FITZ Fitzroy Crossi 15.18 192 P N

WRA Warramunga Arr 17.55 162 P P

ASAR Alice Springs 20.99 167 P P

CMAR Chiang Mai Arr 36.40 307 LR

MKAR Makanchi Array 64.37 326 P P

IDC 14 01:24:49.9±1.4, 46.13N-129.12E, h0km, mb3.6/2, mb1 3.4/4, mb1mx3.1/68, mbtmp3.3/4, ML2.1/2, Error ellipse: s-maj=21.3km s-min=14.5km az=56.0

SKHL 14 01:24:50.7±1.2, 46.13N-129.01E, h10km

ISC 14 01:24:51.1±1.1, 46.23N±106.129, 24E±0.09, h10km, n8, c189/10, Northeastern China

I45RU USSURIYSK INFR 2.80 135 i Op P

USRK Ussuriysk Arr. 2.81 135 P P

USRK 1.7mm, 0.3s, baz=314, slow=15, SNR=25 P N

USRK 5.5mm, 0.3s, baz=315, slow=17, SNR=3.7 P N

GRTR Gortalsjezhno 3.26 140 Op P

GRTR 3.9mm, 0.3s, baz=317, slow=31, SNR=9.5 P N

GRTR 3.9mm, 0.3s, baz=314, slow=15, SNR=25 P N

GRTR 3.9mm, 0.3s, baz=315, slow=17, SNR=3.7 P N

KLR Kul'dur 3.44 29 P N

KLR 0.4mm, 0.3s, baz=315, slow=10, SNR=6.1 P N

TEY Ternei 5.30 100 Op P

EKMR Ekimchan 7.25 18 Op P

KURBB Kurchatov Arr 33.40 296 P P

FINES Finnes Array B 56.27 326 P P

KRSC 14 01:27:08.3±1.2, 50.05N±157.39E, h23km, 21km, ML3.6, Kuril Islands

SKR Severo-Kuril's 1.03 308 Op P

PAU Pauzhetka 1.47 346 Op P

KDTR Khodutka, Kamc 1.82 14 Op P

ASAK Asacha 2.36 8 Op P

MTVR Mutnovka 2.49 11 Op P

RUS Russkaya 2.49 16 Op P

KRMR Karymshinskiy 2.82 9 Op P

PEF Petropavlovsk 3.08 14 Op P

UGLR Uglovaya 3.29 15 Op P

AVH Avchaha 3.33 14 Op P

SMAR Somma 3.34 15 Op P

SDLR Sedlovina 3.37 16 Op P

SPN Mys Shipunski 3.47 27 Op P

GNL Ganaly 3.67 5 Op P

14d 1h

2015 FEB

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EVR		S	Sn	01 35 43.1 +0.4	UPR	University Cam	2.57 224	P	Pn	01 35 22.2 +0.2	TIR	Tirane	3.42 292	i/PN	Pn	01 35 34.1 +0.6
EVR		AML	AML	01 35 60.0	UPR	UPR		S	Sn	01 35 53.9 +0.7	TIR	Tirane		i/SN	Sb	01 36 19.6 -2.8
comp=N,49705um,0.9s					KLV	Kalavryta, Ach	2.58 216	P	Pn	01 35 21.0 -1.2	TIR	Tirane	3.42 292	e/P	Pn	01 35 34.4 +0.7
EVR	comp=E,32985um,1.7s	AML	AML	01 36 12.4	KLV	comp=E,13143um,1.3s		AML	AML	01 35 55.6	TIR	Tirane		i/P	Pn	01 36 12.3
EVR	Evrytania	2.14 236	e/PN	01 35 15.3 -0.9	KLV	Kalavryta, Ach	2.58 216	e/PN	Pn	01 35 20.9 -1.3	TIR	Tirane	3.42 292	i/P	Pn	01 35 35.4 +1.8
EVR	Evrytania	2.14 236	e/SN	01 35 15.2 -0.9	KLV	comp=N,10613um,1.0s		AML	AML	01 35 20.0	TIR	Tirane	3.42 292	e/P	Pn	01 35 18.8 -3.7
EVR	Evrytania	2.14 236	S	01 35 43.1 +0.4	KLV	Kalavryta, Ach	2.58 216	P	Sn	01 35 22.1 -1.4	TIR	Tirane	3.42 292	e/PN	Pn	01 35 34.4 +0.7
EVR	Evrytania	2.14 236	S	01 35 15.3 -0.5	KLV	Kalavryta, Ach	2.58 216	P	Sn	01 35 22.1 -1.4	TIR	SNR=44	3.42 292	i/PN	Pn	01 36 12.3 -1.7
FNA	Florina	2.15 288	e/P	01 35 15.9 -0.5	KLV	Kalavryta, Ach	2.58 216	P	Sn	01 35 20.9 -1.3	TIR	Tirane	3.42 292	i/P	Pn	01 35 34.1 +0.4
FNA	Florina	2.15 288	e/S	01 35 43.8	KLV	Kalavryta, Ach	2.58 216	P	Sn	01 35 52.1 -1.4	TIR	Catalca	3.46 72	i/P	Pn	01 35 35.4 +1.8
FNA	Florina	2.15 288	e/P	01 35 16.7 +0.3	GUR	Goura	2.59 212	P	Sn	01 35 21.1 -1.2	TIR	Catalca	3.46 72	i/S	Sb	01 36 26.0 +2.3
FNA	Florina	2.15 288	e/P	01 35 15.9 -0.5	GUR	Goura	2.59 212	e/PN	Pn	01 35 21.0 -1.4	ELBA	Catalca	3.46 72	P	Pn	01 35 32.4 -1.9
FNA	Florina	2.15 288	e/SN	01 35 16.7 +0.3	GUR	Goura	2.59 212	e/SN	Pn	01 35 21.1 -0.6	MHLO	Agia Marina, M	3.46 176	P	Pn	01 35 33.3 -1.0
FNA	Florina	2.15 288	P	01 35 43.8 +0.8	GUR	Goura	2.59 212	P	Sn	01 35 21.1 -1.2	MHLO	Agia Marina, M	3.46 176	P	Pn	01 35 33.3 -1.0
FNA	Florina	2.15 288	S	01 35 15.9 -0.5	GUR	Goura	2.59 212	P	Sn	01 35 53.1 -0.6	MHLO	Agia Marina, M	3.46 176	P	Pn	01 35 33.3 -1.0
FNA	Florina	2.15 288	S	01 35 43.8 +0.8	GUR	Goura	2.59 212	P	Sn	01 35 21.0 -1.4	CTYL	Yalikoy Yolu	3.46 66	PN	Pn	01 35 32.9 -1.4
FNA	Florina	2.15 288	S	01 35 15.9 -0.5	GUR	Goura	2.59 212	P	Sn	01 35 53.1 -0.6	CTYL	Yalikoy Yolu	3.46 66	e/PN	Pn	01 35 32.9 -1.4
ATH	Athens Observa	2.19 187	e/P	01 35 15.4 -1.4	KNL	Bair-kesir	2.65 86	i/S	Sn	01 35 22.0 -1.1	GCAM	G?zelcam?	3.47 134	P	Pn	01 35 34.6 +0.2
ATH	Athens Observa	2.19 187	e/S	01 35 44.2	KNL	Bair-kesir	2.65 86	i/S	Sn	01 35 55.5 +0.4	GCAM	G?zelcam?	3.47 134	P	Pn	01 35 33.1 -1.2
ATH	Athens Observa	2.19 187	P	01 35 15.7 -1.1	URLA	Izmir	2.65 132	P	Pn	01 35 21.9 -1.2	GCAM	G?zelcam?	3.47 134	P	Pn	01 35 33.1 -1.2
ATH	Athens Observa	2.19 187	P	01 35 41.0 -2.8	URLA	Izmir	2.65 132	i/P	Pn	01 35 20.7 -2.4	GCAM	G?zelcam?	3.47 134	e/PN	Pn	01 35 34.6 +0.2
ATH	Athens Observa	2.19 187	S	01 35 58.6	URLA	Izmir	2.65 132	i/S	Sg	01 36 04.7 -0.9	VLI	Veliai	3.54 195	e/PN	Pn	01 35 34.2 -1.1
comp=N,37823um,1.5s		AML	AML	01 36 04.4	URLA	Izmir	2.65 132	P	Pn	01 35 20.7 -2.4	VLI	Veliai	3.54 195	P	Pn	01 36 15.5 -1.5
ATH	Athens Observa	2.19 187	e/PN	01 35 15.4 -1.4	URLA	Izmir	2.65 132	e/PN	Pn	01 35 21.4 -1.2	VLI	Veliai	3.54 195	P	Pn	01 35 34.2 -1.1
ATH	Athens Observa	2.19 187	e/SN	01 35 44.2 +0.5	URLA	Izmir	2.65 132	e/PN	Pn	01 35 21.4 -1.2	VLI	Veliai	3.54 195	P	Pn	01 35 34.2 -1.1
ATH	Athens Observa	2.19 187	P	01 35 15.7 -1.1	URLA	Izmir	2.65 132	e/PN	Pn	01 35 21.4 -1.2	VLI	Veliai	3.54 195	P	Pn	01 35 34.2 -1.1
ATH	Athens Observa	2.19 187	P	01 35 15.4 -1.4	URLA	Izmir	2.65 132	e/PN	Pn	01 35 21.4 -1.2	VLI	Veliai	3.54 195	P	Pn	01 35 34.2 -1.1
ATH	Athens Observa	2.19 187	P	01 35 44.2 +0.5	URLA	Izmir	2.65 132	e/PN	Pn	01 35 21.4 -1.2	VLI	Veliai	3.54 195	P	Pn	01 35 34.2 -1.1
ATHU	Athens Univers	2.19 186	P	01 35 14.9 -1.9	URLA	Izmir	2.65 132	e/PN	Pn	01 35 21.4 -1.2	VLI	Veliai	3.54 195	P	Pn	01 35 34.2 -1.1
ATHU	Athens Univers	2.19 186	P	01 35 14.9 -1.9	URLA	Izmir	2.65 132	e/PN	Pn	01 35 21.4 -1.2	VLI	Veliai	3.54 195	P	Pn	01 35 34.2 -1.1
PENT	Pentalofos	2.25 272	P	01 35 17.9 +0.1	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	CTKS	Kestanelik-??a	3.54 71	P	Pn	01 35 33.6 -1.7
PENT	Pentalofos	2.25 272	P	01 35 18.9 +0.1	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	CTKS	Kestanelik-??a	3.54 71	e/PN	Pn	01 35 33.6 -1.7
PENT	Pentalofos	2.25 272	P	01 35 45.8 +0.3	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
PENT	Pentalofos	2.25 272	P	01 35 17.1 -0.6	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
PENT	Pentalofos	2.25 272	P	01 35 45.8 +0.3	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
PENT	Pentalofos	2.25 272	P	01 35 17.1 -0.6	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
PENT	Pentalofos	2.25 272	P	01 35 45.8 +0.3	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
BIA	Bitola	2.27 293	e/PN	01 35 18.1 +0.2	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
BIA	Bitola	2.27 293	e/SN	01 35 47.8 -1.8	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
BIA	Bitola	2.27 293	P	01 35 18.1 +0.2	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
BIA	Bitola	2.27 293	P	01 35 47.8 -1.8	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
BIA	Bitola	2.27 293	P	01 35 18.1 +0.2	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
BIA	Bitola	2.27 293	P	01 35 47.8 -1.8	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
BIA	Bitola	2.27 293	i/PN	01 35 18.2 +0.3	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
ANX	Ano Chora	2.28 228	P	01 35 17.9 +0.5	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
ANX	Ano Chora	2.28 228	P	01 35 17.6 -0.5	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
ANX	Ano Chora	2.28 228	P	01 35 46.4 +0.3	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
ANX	Ano Chora	2.28 228	P	01 35 17.3 -0.8	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
ANX	Ano Chora	2.28 228	P	01 35 46.4 +0.3	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
ANX	Ano Chora	2.28 228	P	01 35 17.3 -0.8	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
ANX	Ano Chora	2.28 228	P	01 35 46.4 +0.3	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
ANX	Ano Chora	2.28 228	P	01 35 17.3 -0.8	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
ANX	Ano Chora	2.28 228	P	01 35 46.4 +0.3	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
ANX	Ano Chora	2.28 228	P	01 35 17.3 -0.8	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
ANX	Ano Chora	2.28 228	P	01 35 46.4 +0.3	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
ANX	Ano Chora	2.28 228	P	01 35 17.3 -0.8	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
ANX	Ano Chora	2.28 228	P	01 35 46.4 +0.3	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
ANX	Ano Chora	2.28 228	P	01 35 17.3 -0.8	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
ANX	Ano Chora	2.28 228	P	01 35 46.4 +0.3	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
ANX	Ano Chora	2.28 228	P	01 35 17.3 -0.8	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
ANX	Ano Chora	2.28 228	P	01 35 46.4 +0.3	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
ANX	Ano Chora	2.28 228	P	01 35 17.3 -0.8	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
ANX	Ano Chora	2.28 228	P	01 35 46.4 +0.3	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
ANX	Ano Chora	2.28 228	P	01 35 17.3 -0.8	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
ANX	Ano Chora	2.28 228	P	01 35 46.4 +0.3	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
ANX	Ano Chora	2.28 228	P	01 35 17.3 -0.8	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
ANX	Ano Chora	2.28 228	P	01 35 46.4 +0.3	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
ANX	Ano Chora	2.28 228	P	01 35 17.3 -0.8	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
ANX	Ano Chora	2.28 228	P	01 35 46.4 +0.3	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
ANX	Ano Chora	2.28 228	P	01 35 17.3 -0.8	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
ANX	Ano Chora	2.28 228	P	01 35 46.4 +0.3	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
ANX	Ano Chora	2.28 228	P	01 35 17.3 -0.8	OHR	comp=N,8um,1.1s		eLg	Lg	01 36 08.6	ZIMR	Zimri	3.65 15	i/P	Pg	01 36 04.1 +1.4
ANX	Ano Chora	2.28 228	P	01 35 46.4 +0.3	OHR</											

HUMR	Humele	4.43	81P	Pn	01 35 46.9 -0.7	TIRR	Tirgusor	5.38	35	ePn	Pn	01 35 59.5 -1.0	CLTB	Cattabellotta	8.85	257	ePn	Pn	01 36 48.4 0.0
HUMR	Humele	4.43	81P	Pn	01 35 46.9 -0.7	STON	Ston	5.51	302	iPn	Pn	01 36 01.6 -0.8	CLTB	Cattabellotta	8.85	257	ePn	Pn	01 36 48.4 0.0
BUC1	Bucharest	4.44	181P	Pn	01 35 47.0 -0.7	STON	Ston			Sn	Sn	01 37 07.3 +1.8	ALU	Alushta	8.86	56	iP	Pn	01 36 46.1 -2.5
BUM	Brajci-Budva	4.46	301P	Pn	01 35 48.3 +0.2	BOLV	Bolovadin	5.51	103	iP	Pn	01 36 03.2 +0.6	ALU	Alushta			eS	Sn	01 36 21.5 -7.0
BUM	Brajci-Budva	4.46	301P	Pn	01 35 48.3 +0.2	BOLV	Bolovadin	5.51	103	ePn	Pn	01 36 03.9 +1.3	HAVZ	Havza	8.90	80	iP	Pn	01 36 51.9 +2.9
BUM	Brajci-Budva	4.46	301P	Pn	01 35 48.3 +0.2	MLR	Muntele Rosu	5.51	14	Pn	Pn	01 36 02.8 +0.2	CSS	Mathias	8.99	122	ePn	Pn	01 36 49.7 +0.5
BUM	Brajci-Budva	4.46	301P	Pn	01 35 48.3 +0.2	MLR	Muntele Rosu	5.51	14	Pn	Pn	01 36 02.8 +0.2	CSS	Mathias	8.99	122	ePn	Pn	01 36 49.7 +0.5
BUM	Brajci-Budva	4.46	301P	Pn	01 35 48.3 +0.2	MLR	Muntele Rosu	5.51	14	Pn	Pn	01 36 02.8 +0.2	YVHS	Yvhnne	9.15	338	ePn	Pn	01 36 51.8 -0.5
BUM	Brajci-Budva	4.46	301P	Pn	01 35 48.3 +0.2	MLR	Muntele Rosu	5.51	14	Pn	Pn	01 36 02.8 +0.2	YVHS	Yvhnne	9.15	338	ePn	Pn	01 36 51.8 -0.5
GRUS	Gruza	4.50	327P	Pn	01 35 48.0 -0.5	MLR	Muntele Rosu	5.51	14	Pn	Pn	01 36 02.8 +0.2	PERS	Pernice	9.15	318	iPn	Pn	01 36 53.5 +0.5
SRE	Strehaia	4.56	352P	Pn	01 35 48.1 -1.2	MLR	Muntele Rosu	5.51	14	Pn	Pn	01 36 02.8 +0.2	HORU	Horodok	9.22	10	P	Pn	01 36 52.0 -1.3
SRE	Strehaia	4.56	352P	Pn	01 35 48.1 -1.2	MLR	Muntele Rosu	5.51	14	Pn	Pn	01 36 02.8 +0.2	HORU	Horodok	9.22	10	P	Pn	01 36 52.0 -1.3
CEME	Ceiva	4.56	303P	Pn	01 35 48.1 -1.2	MLR	Muntele Rosu	5.51	14	Pn	Pn	01 36 02.8 +0.2	SOKA	Soboth	9.27	318	Pn	Pn	01 36 53.6 -0.4
CEME	Ceiva	4.56	303P	Pn	01 35 48.1 -1.2	MLR	Muntele Rosu	5.51	14	Pn	Pn	01 36 02.8 +0.2	SOKA	Soboth	9.27	318	Pn	Pn	01 36 53.6 -0.4
CEME	Ceiva	4.56	303P	Pn	01 35 48.1 -1.2	MLR	Muntele Rosu	5.51	14	Pn	Pn	01 36 02.8 +0.2	SOKA	Soboth	9.27	318	Pn	Pn	01 36 53.6 -0.4
CEME	Ceiva	4.56	303P	Pn	01 35 48.1 -1.2	MLR	Muntele Rosu	5.51	14	Pn	Pn	01 36 02.8 +0.2	SOKA	Soboth	9.27	318	Pn	Pn	01 36 53.6 -0.4
CEME	Ceiva	4.56	303P	Pn	01 35 48.1 -1.2	MLR	Muntele Rosu	5.51	14	Pn	Pn	01 36 02.8 +0.2	SOKA	Soboth	9.27	318	Pn	Pn	01 36 53.6 -0.4
KHAL	Karahalli	4.62	111	P	01 35 48.9 -0.6	TEKS	Tekis	5.54	324	iPn	Pn	01 36 02.9 +0.3	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
KHAL	Karahalli	4.62	111	P	01 35 48.9 -0.6	TEKS	Tekis	5.54	324	iPn	Pn	01 36 02.9 +0.3	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
KUBS	Kucevo	4.62	338	ePn	01 35 48.7 -2.4	BAGD	Egriid - ISPA	5.65	21	iPn	Pn	01 36 05.0 +0.7	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
TAVA	DENIZLI Tavas	4.63	124	P	01 35 50.1 -0.4	BANR	Banloc	5.66	339	iPn	Pn	01 36 04.5 0.0	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
TAVA	DENIZLI Tavas	4.63	124	P	01 35 50.1 -0.4	TIP	Timpagrande	5.73	263	iPn	Pn	01 36 04.7 -0.8	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
NKY	Niksic	4.66	307P	Pn	01 35 51.2 +0.4	TIP	Timpagrande	5.73	263	iPn	Pn	01 36 04.7 -0.8	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
NKY	Niksic	4.66	307P	Pn	01 35 51.2 +0.4	BZS	Buzias	5.76	343	iPn	Pn	01 36 04.7 -1.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
NKY	Niksic	4.66	307P	Pn	01 35 51.2 +0.4	DEV	Deva	5.80	352	P	Pn	01 36 06.4 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
NKY	Niksic	4.66	307P	Pn	01 35 51.2 +0.4	DEV	Deva	5.80	352	P	Pn	01 36 06.4 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
NKY	Niksic	4.66	307P	Pn	01 35 51.2 +0.4	DEV	Deva	5.80	352	P	Pn	01 36 06.4 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
IMMV	Iera Moni Meta	4.68	181	P	01 35 49.7 -1.3	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
IMMV	Iera Moni Meta	4.68	181	P	01 35 49.7 -1.3	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
IMMV	Iera Moni Meta	4.68	181	P	01 35 49.7 -1.3	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
IMMV	Iera Moni Meta	4.68	181	P	01 35 49.7 -1.3	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
VAM	Vamos	4.73	179	ePn	01 35 51.0 -0.7	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
VAM	Vamos	4.73	179	ePn	01 35 51.0 -0.7	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
VAM	Vamos	4.73	179	ePn	01 35 51.0 -0.7	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
VAM	Vamos	4.73	179	ePn	01 35 51.0 -0.7	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
VAM	Vamos	4.73	179	ePn	01 35 51.0 -0.7	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
VAM	Vamos	4.73	179	ePn	01 35 51.0 -0.7	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
VAM	Vamos	4.73	179	ePn	01 35 51.0 -0.7	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
VAM	Vamos	4.73	179	ePn	01 35 51.0 -0.7	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
VAM	Vamos	4.73	179	ePn	01 35 51.0 -0.7	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
VAM	Vamos	4.73	179	ePn	01 35 51.0 -0.7	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
VAM	Vamos	4.73	179	ePn	01 35 51.0 -0.7	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
VAM	Vamos	4.73	179	ePn	01 35 51.0 -0.7	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
VAM	Vamos	4.73	179	ePn	01 35 51.0 -0.7	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
VAM	Vamos	4.73	179	ePn	01 35 51.0 -0.7	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
VAM	Vamos	4.73	179	ePn	01 35 51.0 -0.7	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
VAM	Vamos	4.73	179	ePn	01 35 51.0 -0.7	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
VAM	Vamos	4.73	179	ePn	01 35 51.0 -0.7	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
VAM	Vamos	4.73	179	ePn	01 35 51.0 -0.7	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
VAM	Vamos	4.73	179	ePn	01 35 51.0 -0.7	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
VAM	Vamos	4.73	179	ePn	01 35 51.0 -0.7	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
VAM	Vamos	4.73	179	ePn	01 35 51.0 -0.7	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
VAM	Vamos	4.73	179	ePn	01 35 51.0 -0.7	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
VAM	Vamos	4.73	179	ePn	01 35 51.0 -0.7	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
VAM	Vamos	4.73	179	ePn	01 35 51.0 -0.7	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
VAM	Vamos	4.73	179	ePn	01 35 51.0 -0.7	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
VAM	Vamos	4.73	179	ePn	01 35 51.0 -0.7	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
VAM	Vamos	4.73	179	ePn	01 35 51.0 -0.7	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
VAM	Vamos	4.73	179	ePn	01 35 51.0 -0.7	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
VAM	Vamos	4.73	179	ePn	01 35 51.0 -0.7	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
VAM	Vamos	4.73	179	ePn	01 35 51.0 -0.7	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
VAM	Vamos	4.73	179	ePn	01 35 51.0 -0.7	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
VAM	Vamos	4.73	179	ePn	01 35 51.0 -0.7	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
VAM	Vamos	4.73	179	ePn	01 35 51.0 -0.7	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
VAM	Vamos	4.73	179	ePn	01 35 51.0 -0.7	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
VAM	Vamos	4.73	179	ePn	01 35 51.0 -0.7	DEV	Deva	5.80	352	iPn	Pn	01 36 06.5 +0.1	SOP	Sopron	9.28	327	ePn	Pn	01 36 54.3 +0.2
VAM	Vamos																		

NB201	NORSAR Array S	22.36 344	eP	P	01 39 36.5	-1.8
NB2	NORSAR Subarra	22.37 343	P	P	01 39 37.2	-1.2
NB200	NORSAR Array S	22.37 343	eP	P	01 39 36.8	-1.6
NOA	NORSAR Array B	22.37 343	P	P	01 39 36.8	-1.6
NOA	comp-Z,32nm,1.8s,baz=149,slow=9.6,SNR=31		LR	LR	01 48 49.6	
NB003	NORSAR Array S	22.46 344	eP	P	01 39 37.8	-1.5
NB003	NORSAR Array S	22.46 343	eP	P	01 39 38.8	-0.5
NB003	NORSAR Array S	22.51 344	eP	P	01 39 38.8	-1.0
FOEL	Foel Wyifa	22.53 314	eP	P	01 39 37.8	-2.3
FOEL	comp-Z,153nm,0.9s		IAMS_20	IAMS_20	01 48 02.1	
EMAL	Malaga-Limoner	22.54 271	eS	S	01 43 46.2	-0.9
NC204	NORSAR Array S	22.68 343	eP	P	01 39 41.3	-0.4
EDMD	Edmundbyers	22.74 319	eP	P	01 39 40.6	-1.7
KLMR	Klimovskoe	22.82 20	eP	P	01 39 39.3	-3.8
KLMR	comp-Z,186nm,1.3s		pmx	pmx	01 43 46.0	-5.9
KLMR	comp-Z,602nm,9.0s		MLR	MLR		
KLMR	Klimovskoe	22.82 20	eP	P	01 39 39.3	-3.8
KLMR	comp-Z,186nm,1.3s		AMP	AMP	01 39 46.7	
KLMR	comp-Z,186nm,1.3s		eS	S	01 43 46.1	-5.8
KLMR	comp-Z,186nm,1.3s		eS	S	01 43 46.1	-5.8
KLMR	comp-Z,186nm,1.3s		LQ	LQ	01 46 44.0	
KLMR	comp-Z,186nm,1.3s		LQ	LQ	01 46 44.0	
KLMR	comp-Z,186nm,1.3s		LR	LR	01 47 51.3	
KLMR	comp-Z,186nm,1.3s		AMP	AMP	01 49 03.3	
YAF	Ylistaro	22.95 358	eP	P	01 39 44.3	0.0
PVLZ	Peand de	22.96 267	eP	P	01 39 38.3	-6.4
WPM1	Penmaemawr	23.02 314	eP	P	01 39 44.2	+1.5
KESW	Keswick, Cumb	23.20 318	eP	P	01 39 47.0	-0.1
KESW	comp-Z,199nm,1.2s		IAMS_20	IAMS_20	01 48 29.9	
PBRG	Braganca	23.27 284	eP	P	01 39 47.3	-0.6
WPS	Cemaes, Angles	23.45 314	eP	P	01 39 48.7	-0.8
BHH	Howats Hill	23.50 319	eP	P	01 39 49.0	-1.0
CEU	Ceuta	23.53 269	eP	P	01 39 43.5	-7.0
MVO	Moncorvo	23.56 283j	eP	P	01 39 50.1	-0.8
MVO	comp-Z,145nm,1.0s		eLR	LR	01 49 32.6	
MVO	Moncorvo	23.56 283j	eP	P	01 39 50.1	-0.8
EKA	comp-Z,145nm,1.0s		eLR	LR	01 49 32.6	
EKA	comp-Z,26nm,0.6s,baz=113,slow=10,SNR=80		LR	LR	01 50 01.9	
ESK	comp-Z,568nm,18.7s,baz=125,slow=39		LR	LR	01 50 01.9	
ESK	comp-Z,574nm,2.0s		pmx	pmx	01 39 50.1	-0.9
ESK	comp-Z,574nm,2.0s		eP	P	01 39 50.1	-0.9
ESK	comp-Z,574nm,2.0s		IAMS_20	IAMS_20	01 50 55.5	
WIM	Isle of Man	23.84 316	eP	P	01 39 52.5	-0.9
SFS	San Fernando	23.99 271	eP	P	01 39 50.9	-4.0
PVRL	Vila Real	24.06 283	eP	P	01 39 55.3	-0.3
MTE	Manteigas	24.06 281	eP	P	01 39 55.8	+0.1
MTE	comp-Z,847nm,16.0s		eS	S	01 44 07.1	-5.7
MTE	comp-Z,847nm,16.0s		eLR	LR	01 49 22.8	
MTE	comp-Z,130nm,1.0s		eP	P	01 39 55.2	-0.5
MTE	comp-Z,165nm,1.1s		eP	P	01 39 55.8	+0.1
POLO	Lamas de Olo	24.10 283	eP	P	01 39 56.2	+0.1
POLO	comp-Z,50nm,1.4s		eP	P	01 39 56.2	+0.1
PCBR	Castelo Branco	24.11 280	eP	P	01 39 56.1	0.0
PCBR	comp-Z,194nm,1.1s		eP	P	01 39 56.1	0.0
EDU	Dundee	24.12 322	eP	P	01 39 54.8	-1.2
MDT	Midelt	24.13 261	eP	P	01 39 56.2	-0.2
PMRV	comp-Z,33nm,0.8s,baz=84,slow=11,SNR=41		eP	P	01 39 56.1	-0.2
PMRV	comp-Z,162nm,1.4s		eS	S	01 44 44.0	+1.2
PMRV	comp-Z,709nm,18.0s		eLR	LR	01 49 45.0	+1.2
PMRV	comp-Z,162nm,1.4s		eS	S	01 44 55.6	-1.8
PBAR	Barrancos	24.15 275j	eP	P	01 39 54.6	-1.8
PBAR	comp-Z,192nm,1.4s		eP	P	01 39 54.6	-1.8
PCAB	Cabril	24.23 284	eP	P	01 39 56.7	-0.5
PCAB	comp-Z,164nm,1.6s		eP	P	01 39 56.7	-0.5
PCAB	comp-Z,164nm,1.6s		eP	P	01 39 57.9	+0.2
PVIS	Visu	24.28 282	eP	P	01 39 57.9	+0.2
PVIS	comp-Z,114nm,1.0s		eP	P	01 39 58.4	-0.3
PGAV	Gavieira, Arco	24.38 285j	eP	P	01 49 28.5	
PGAV	comp-Z,863nm,18.0s		eLR	LR	01 39 58.4	-0.3
PGAV	comp-Z,244nm,1.8s		eP	P	01 39 58.3	-0.5
PESTR	Estremoz	24.40 277	eP	P	01 39 57.3	-1.5
PESTR	comp-Z,116nm,1.3s		eP	P	01 39 58.3	-0.5
PESTR	comp-Z,42nm,1.0s		eP	P	01 39 57.9	-1.0
DSB	Dublin	24.44 313	eP	P	01 39 59.0	-0.2
PGBU	Glenifferbraes	24.47 319	eP	P	01 39 59.6	
PGBU	comp-Z,200nm,1.4s		IAMS	IAMS	01 40 02.6	+2.6
RAYN	Ar Rayn	24.52 126	eP	P	01 40 02.6	+2.6
RAYN	comp-Z,203nm,1.4s		eP	P	01 40 02.6	+2.6
RAYN	comp-Z,203nm,1.4s		eP	P	01 39 59.6	-0.5
GMM	Mts of Mourne	24.57 315	eP	P	01 40 02.1	+0.2
EAB	Aberfoyle	24.58 320	eP	P	01 40 02.1	+0.2
COI	Coimbra	24.75 281	eP	P	01 40 01.1	-0.9
MCD	Coleburn Disti	24.79 324	eP	P	01 40 01.4	-1.0
EVO	Evora	24.80 277	eP	P	01 40 01.4	-1.0
EVO	comp-Z,79nm,1.3s		eP	P	01 40 02.1	-0.4
PBEJ	Beja	24.82 275	eP	P	01 40 02.1	-0.4
PBEJ	comp-Z,154nm,1.3s		eP	P	01 40 02.1	-0.4
PBEJ	comp-Z,154nm,1.3s		eP	P	01 40 01.7	-1.0
PTOM	Tomar	24.86 279	eP	P	01 40 02.7	-0.2
PTOM	comp-Z,148nm,1.2s		eP	P	01 40 02.7	-0.2
PTOM	comp-Z,167nm,1.5s		eP	P	01 40 01.5	-1.5
PVAQ	Vaqueiros	24.87 274j	eP	P	01 52 19.3	
PVAQ	comp-Z,771nm,16.0s		A	A	01 40 01.5	-1.5
PVAQ	comp-Z,771nm,16.0s		eP	P	01 40 03.9	-1.0
PBDV	Barranco-do-Ve	25.08 274j	eP	P	01 40 03.9	-1.0
PBDV	comp-Z,371nm,1.4s		eP	P	01 40 03.9	-1.0
PBDV	comp-Z,371nm,1.4s		eP	P	01 40 04.5	-0.9

MESJ	comp-Z,99nm,2.0s		Amb	AMB	01 40 08.7	
MESJ	Messejana	25.14 275	eS	S	01 44 29.4	-0.5
MESJ	comp-Z,99nm,2.0s		eS	S	01 40 04.4	-0.9
MESJ	comp-Z,99nm,2.0s		eS	S	01 44 29.4	-0.5
DOCHF	Dochfour	25.22 323	eP	P	01 40 04.8	-1.1
PNCL	Nicoula / Gran	25.30 276j	eP	P	01 40 05.5	-1.4
LRW	Lerwick	25.45 330	eP	P	01 40 06.9	-1.1
LRW	comp-Z,73nm,0.8s		IAMB	IAMB	01 40 08.0	
KSB	Sheil Bridge	25.60 322	eP	P	01 40 08.0	-1.4
PTEO	Sao Teotonio	25.62 275	eP	P	01 40 09.5	-0.1
MORF	Marletele	25.61 274	eP	P	01 40 08.5	-1.2
MORF	comp-Z,95nm,1.7s		Amb	AMB	01 40 14.5	
MORF	Marletele	25.61 274	eP	P	01 44 37.2	-0.5
MORF	Marletele	25.61 274	eP	P	01 40 09.1	-0.7
MORF	Marletele	25.61 274	eP	P	01 40 08.5	-1.2
MORF	Marletele	25.61 274	eP	P	01 44 37.1	-0.5
MORF	Marletele	25.61 274	eP	P	01 40 09.1	-0.7
LIS	Lisbon	25.62 278	eP	P	01 40 08.9	-0.9
LIS	comp-Z,211nm,1.3s		Amb	AMB	01 40 12.3	
LIS	Lisbon	25.62 278	eP	P	01 44 37.2	-0.5
LIS	comp-Z,212nm,1.3s		eP	P	01 40 10.4	+0.6
LIS	Lisbon	25.62 278	eP	P	01 40 08.8	-0.9
LIS	comp-Z,212nm,1.3s		eP	P	01 44 37.1	-0.5
LIS	Lisbon	25.62 278	eP	P	01 40 10.4	+0.6
PMST	Lisbon-Monsan	25.64 278	eP	P	01 40 10.4	+0.4
PMST	comp-Z,192nm,1.6s		eP	P	01 40 10.4	+0.4
PMST	comp-Z,192nm,1.6s		eP	P	01 40 10.4	+0.4
PMAFR	Mafrá	25.67 278	eP	P	01 40 10.4	+0.2
PMAFR	Mafrá	25.67 278	eP	P	01 40 10.4	+0.2
AKTO	Aktubinsk	25.79 55	eP	P	01 40 11.7	+0.5
AKTO	comp-Z,64nm,1.3s,baz=258,slow=11,SNR=33		LR	LR	01 52 27.7	
AKTO	comp-Z,2um,20.0s,baz=261,slow=41		P	P	01 40 10.8	-0.4
AKTO	Aktubinsk	25.79 55	iP	P	01 40 11.3	-0.1
AKTO	comp-Z,85nm,1.3s		pmx	pmx	01 40 11.3	-0.1
AKTO	Vila Bisbo	25.80 274	eP	P	01 40 11.3	-0.1
AKTO	comp-Z,191nm,1.9s		eP	P	01 40 12.8	+1.4
AKTO	Vila Bisbo	25.80 274	eP	P	01 40 11.3	-0.1
AKTO	comp-Z,191nm,1.9s		eP	P	01 40 11.3	-0.1
AVE	Valentia	26.06 265	eP	P	01 40 10.3	-3.5
AVE	Valentia	26.06 265	eS	S	01 44 48.3	+3.7
VAL	Valentia	26.33 308	eS	S	01 44 47.9	-1.2
GEYT	Alibeck	26.44 84	eP	P	01 40 18.5	+1.2
GEYT	comp-Z,50nm,1.1s,baz=282,slow=10,SNR=52		LR	LR	01 51 34.8	
GEYT	comp-Z,707nm,19.3s,baz=315,slow=38		LR	LR	01 51 34.8	
AB31	Akbulak array	26.86 58	eP	P	01 40 20.5	-0.3
AB31	comp-Z,27nm,1.1s		pmx	pmx	01 40 21.5	+0.6
ABKAR	Akbulak array	26.86 58	eP	P	01 40 21.5	+0.6
ABKAR	comp-Z,103nm,0.9s		eP	P	01 40 28.6	-0.1
ARU	Art	27.75 42	eP	P	01 52 14.3	
ARU	comp-Z,8.7nm,0.7s,baz=236,slow=6.9,SNR=16		LR	LR	01 52 14.3	
ARU	comp-Z,3um,18.8s,baz=244,slow=38		P	P	01 40 29.4	+0.6
ARU	Art	27.75 42	iP	P	01 41 12.2	
ARU	comp-Z,3um,18.8s,baz=244,slow=38		S	S	01 43 44.5	
ARU	Art	27.75 42	SS	SSn	01 45 13.1	+2.2
ARU	Art	27.75 42	SS	SSn	01 46 22.1	-0.9
ARU	comp-Z,38nm,1.2s		MLR	MLR		
ARU	comp-Z,2um,14.0s		MLR	MLR		
ARU	Art	27.75 42	eP	P	01 40 28.7	-0.1
APA	Apatity	27.95 8j	iP	P	01 40 33.2	+2.7
APA	comp-Z,11nm,1.2s		MLR	MLR		
SVE	Sverdlovsk	28.96 43j	iP	P	01 40 40.2	+0.6
SVE	comp-Z,10um,16.0s		eS	S	01 45 29.3	-0.7
SVE	comp-Z,50nm,1.4s		MLR	MLR		
ARAO	ARCES Array S	29.46 1	eP	P	01 40 42.1	-1.8
ARCES	ARCES Array B	29.46 1	eP	P	01 40 42.1	-1.8
ARCES	comp-Z,5.5nm,0.7s,baz=186,slow=9.4,SNR=14		LR	LR	01 53 19.1	
BANOM	Banah	30.32 108	P	P	01 40 53.8	+1.8
NAZ	Nazwa, Dubai	30.42 110	P	P	01 40 54.8	+2.0
LIQS	Miraz	30.84 110	P	P	01 40 57.3	+0.9
HATD	Hatta, Dubai	30.86 110	P	P	01 40 58.7	+2.0
ALNE	Al Ain	31.06 111	P	P	01 41 00.8	+2.3
DAMY	Dhamar	31.07 139	eP	P	01 41 03.3	+4.4
DAMY	comp-Z,67nm,1.2s		eP	P	01 41 03.3	+4.4
SOHO	SOHO	31.57 111	iP	P	01 41 04.7	+1.8
TOA1	Torodi Ar. Sit	33.32 222	eP	P	01 41 17.6	-0.8
TOA1	comp-Z,67nm,1.2s		eP	P	01 43 59.6	-0.7
TOA0	Torodi Ar. Sit	33.32 222	eP	P	01 41 17.6	-0.7
TORD	Torodi Ar. Bea	33.32 222	P	P	01 41 17.6	-0.8
TORD	comp-Z,29nm,0.7s,baz=31,slow=5.1,SNR=143		P	P	01 43 59.6	-0.7
TORD	comp-Z,6.6nm,0.8s,baz=89,slow=1.5,SNR=13		LR	LR	01 56 19.6	
BRVK	Borovoye	33.67 52j	iP	P	01 41 21.8	+0.7
BRVK	comp-Z,915nm,18.6s,baz=20,slow=39		pmx	pmx	01 41 21.8	+0.7
BRVK	comp-Z,143nm,1.0s		MLR	MLR		

Table with columns for station call letters, frequency, mode, and signal strength. Includes stations like SUMG Summit, WMQ Urumqi, SFJD Kangerlussuaq, HVS Khotu-Aksy, etc.

Table with columns for station call letters, frequency, mode, and signal strength. Includes stations like YAK comp=E,137nm,5.3s, YAK comp=N,86nm,3.8s, YAK comp=Z,947nm,16.0s, etc.

Table with columns for station call letters, frequency, mode, and signal strength. Includes stations like GYA comp=Z,590nm,18.7s, GYA comp=Z,520nm,19.4s, GYA comp=Z,570nm,18.5s, etc.

IP04	comp-Z,30nm,1.3s Greensprings	74.51 307 eP	P	P	01 46 20.4 +1.4
D41A	Chassel comp-Z,35nm,1.7s	74.52 319 P	P	P	01 46 19.2 +0.3
IP06	Yanceyville comp-Z,51nm,1.4s	74.54 307 eP	P	P	01 46 20.2 +1.0
IP07	Quail comp-Z,35nm,1.2s	74.58 307 eP	P	P	01 46 20.4 +1.0
MCWV	Mont Chateau baz=50	74.58 309 P	P	P	01 46 20.0 +0.6
MCWV	Mont Chateau comp-Z,42nm,0.8s	74.58 309 eP	P	P	01 46 20.5 +1.1
E42A	Champion baz=47	74.61 318 P	P	P	01 46 19.9 +0.4
F43A	Flat Rock, Esc baz=48	74.64 317 P	P	P	01 46 19.9 +0.4
TYV	Tymovskoe	74.67 35 eP	P	P	01 46 20.9 +1.3
TYV			Pmax	Pmax	
C39A	comp-Z,7.0nm,1.3s Grand Marais	74.77 320 P	P	P	01 46 20.2 -0.2
QIZ	Qiongzong	74.83 78 P	S	S	01 46 22.1 +1.0
QIZ			S	S	01 55 59.5 +1.5
QIZ	comp-Z,35nm,1.2s Qiongzong	74.83 78 eP	P	P	01 46 22.6 +1.5
QIZ	comp-Z,55nm,1.2s Qiongzong	74.83 78 eP	P	P	01 46 22.6 +1.5
FFC	Fin Flon comp-Z,55nm,1.2s	74.85 331 eP	P	P	01 46 20.8 +0.2
FFC			Pmax	Pmax	
FFC	Fin Flon comp-Z,12nm,1.2s	74.85 331 eP	P	P	01 46 20.8 +0.2
TPTI	comp-Z,12nm,1.2s				
TPTI	comp-Z,23nm,1.3s	75.01 99 P	P	P	01 46 21.3 -0.9
MDM	Murphy Dome comp-Z,20nm,1.2s	75.06 357 eP	P	P	01 46 22.5 +0.7
MLY	Manley comp-Z,62nm,1.9s	75.08 358 eP	P	P	01 46 23.8 +1.9
E41A	Kenton baz=47	75.12 319 P	P	P	01 46 22.3 -0.1
IL1	Eielson Array	75.18 356 eP	P	P	01 46 22.0 -0.4
ILAR	Eielson Array	75.18 356 eP	P	P	01 46 22.8 +0.4
ILAR	comp-Z,2.3nm,0.9s,baz=354,slo=47,SNR=16		LR	LR	02 22 29.0
ILAR	comp-Z,254nm,19.9s,baz=9.0,slow=38		LR	LR	
ILB	Eielson Array	75.18 356 eP	P	P	01 46 25.4 +3.0
KCSI	Kotacane, Aceh	75.29 98 P	P	P	01 46 23.6 -0.2
G43A	Wallace baz=47	75.29 317 P	P	P	01 46 23.4 +0.1
DAWY	Dawson comp-Z,18nm,1.1s	75.31 353 eP	P	P	01 46 23.5 +0.3
EYMN	Ely baz=46	75.35 321 P	P	P	01 46 23.6 -0.1
EYMN	Ely	75.35 321 eP	P	P	01 46 24.7 +1.0
C38A	Sawbill Land. comp-Z,56nm,1.8s	75.40 321 P	P	P	01 46 24.2 +0.2
COWI	Conover comp-Z,22nm,1.0s	75.46 319 eP	P	P	01 46 25.4 +1.0
E40A	Wakefield baz=46	75.61 319 P	P	P	01 46 25.3 +0.1
GAMB	Gambell comp-Z,17nm,1.6s	75.69 318 P	P	P	01 46 26.9 +1.8
G42A	Mountain baz=47	75.69 318 P	P	P	01 46 26.0 +0.4
F41A	Three Lakes baz=47	75.69 318 P	P	P	01 46 25.5 -0.2
ULM	Lac du Bonnet comp-Z,9.4nm,0.8s,baz=41,slow=6.5,SNR=18	75.72 325 P	P	P	01 46 25.7 -0.1
ULM			LR	LR	02 20 05.3
ULM	comp-Z,454nm,18.2s,baz=38,slow=36		LR	LR	
ULM	Lac du Bonnet	75.72 325 eP	P	P	01 46 25.6 -0.1
C37A	Embarrass baz=45	75.83 321 P	P	P	01 46 26.3 -0.1
KS01	Wonju Array Si	75.91 53 eP	P	P	01 46 26.3 -0.8
KS15	Wonju Array Si	75.93 53 eP	P	P	01 46 29.0 +1.9
KSAR	Wonju Array Be	75.93 53 P	P	P	01 46 27.0 -0.2
KSAR	Wonju Array Be	75.93 53 P	P	P	01 46 26.9 -0.2
KSRS	Korea Array comp-Z,32nm,1.1s,baz=310,slow=5.1,SNR=50	75.94 53 P	P	P	01 46 26.9 -0.2
KSRS			LR	LR	02 24 56.5
KSRS	comp-Z,490nm,18.5s,baz=314,slow=40		LR	LR	
KSRS	Korea Array	75.94 53 P	P	P	01 46 27.0 -0.2
KSRS			Pmax	Pmax	
KSRS	comp-Z,32nm,1.2s		MLR	MLR	
E39A	Mellen baz=46	75.98 320 P	P	P	01 46 27.1 -0.2
BPAW	Bear Paw Mtn. comp-Z,41nm,1.6s	76.02 358 eP	P	P	01 46 28.1 +0.8
ACSO	Alum Creek Sta baz=45	76.05 311 P	P	P	01 46 27.8 0.0
ACSO	Alum Creek Sta comp-Z,42nm,1.2s	76.05 311 eP	P	P	01 46 28.1 +0.3
F40A	Park Falls baz=46	76.08 319 P	P	P	01 46 27.6 -0.3
G41A	Antigo baz=46	76.09 318 P	P	P	01 46 27.5 -0.5
B35A	Bob, Littlelor baz=44	76.11 323 P	P	P	01 46 27.8 -0.2
C36A	Pine Crest Far baz=45	76.12 322 P	P	P	01 46 27.8 -0.2
CNNC	Cliffs of the baz=50	76.18 304 P	P	P	01 46 28.8 +0.2
VWCO	Virginia Weste baz=45	76.20 307 P	P	P	01 46 29.1 +0.4
H42A	Shiocton baz=47	76.24 317 eP	P	P	01 46 28.6 -0.2
TJN	Taejon	76.29 547 P	P	P	01 46 30.2 +1.0
MCK	McKinley	76.31 357 eP	P	P	01 46 29.3 +0.4
MCK			Pmax	Pmax	
MCK	comp-Z,60nm,1.6s McKinley	76.31 357 eP	P	P	01 46 29.3 +0.4
MCK	comp-Z,60nm,1.6s		Pmax	Pmax	
E38A	The Farm, Brui baz=45	76.31 320 P	P	P	01 46 28.7 -0.5
KULM	Kulim comp-Z,43nm,1.2s	76.35 95 eP	P	P	01 46 30.5 +0.6
D37A	Cotton baz=45	76.35 321 P	P	P	01 46 29.0 -0.4
B34A	Aery, Baudette baz=44	76.45 323 P	P	P	01 46 29.6 -0.3
A33A	Warroad baz=43	76.46 324 P	P	P	01 46 29.6 -0.4
I43A	Langenfeld Bro baz=47	76.47 316 P	P	P	01 46 30.0 -0.1
F39A	Loretta baz=46	76.48 319 P	P	P	01 46 29.8 -0.4
BLA	Blacksburg	76.49 307 eP	P	P	01 46 33.0 +2.5
BLA			Pmax	Pmax	
BLA	comp-Z,40nm,1.4s Blacksburg	76.49 307 eP	P	P	01 46 33.0 +2.5
KTH	Kantishna Hill comp-Z,55nm,1.6s	76.57 358 eP	P	P	01 46 34.1 +3.7
G40A	Rib Lake baz=46	76.58 319 P	P	P	01 46 30.4 -0.3
GSI	Gunungsitoli	76.58 100 P	P	P	01 46 33.0 +1.9
PSI	Prapat	76.63 98 eP	P	P	01 46 32.3 +0.7
PSI			Pmax	Pmax	
PSI	comp-Z,40nm,1.1s Prapat	76.63 98 eP	P	P	01 46 32.3 +0.7
D36A	Goodland baz=44	76.69 321 P	P	P	01 46 31.1 -0.2
C35A	Jirik Farms, M baz=44	76.70 322 P	P	P	01 46 30.9 -0.5
CAST	Castle Rocks comp-Z,84nm,1.8s	76.73 358 eP	P	P	01 46 32.6 +1.3
H41A	Junction City baz=46	76.75 318 P	P	P	01 46 31.4 -0.3
E37A	Wrenshall baz=45	76.76 321 P	P	P	01 46 31.5 -0.2
I42A	Draeger Farm, baz=46	76.86 317 P	P	P	01 46 32.1 -0.3
DHY	Denali Highway comp-Z,72nm,1.8s	76.89 356 eP	P	P	01 46 33.5 +1.2
F38A	Pierce - Schro baz=45	76.93 320 P	P	P	01 46 32.7 0.0
J43A	Natural Harves baz=46	76.95 316 P	P	P	01 46 32.6 -0.3
A32A	Rocking H Ranc baz=43	76.97 324 P	P	P	01 46 32.9 0.0
B33A	Robert and Kas baz=43	77.03 323 P	P	P	01 46 32.8 -0.4
G39A	Holcombe baz=45	77.05 319 P	P	P	01 46 33.0 -0.4
H40A	Chil baz=46	77.12 318 P	P	P	01 46 33.4 -0.4
AGMN	Agassiz Nation baz=43	77.14 324 P	P	P	01 46 33.7 -0.1
AGMN	Agassiz Nation comp-Z,44nm,1.6s	77.14 324 eP	P	P	01 46 33.9 +0.1
D35A	Remer baz=44	77.18 322 P	P	P	01 46 33.9 -0.2
E36A	McGregor baz=44	77.20 321 P	P	P	01 46 34.0 -0.2
I41A	Arkdale baz=46	77.25 318 P	P	P	01 46 34.5 0.0
B32A	Ashes, Strandq baz=46	77.37 324 P	P	P	01 46 34.8 -0.3
J42A	Columbus baz=46,SNR=5.2	77.37 317 P	P	P	01 46 34.9 -0.3
K43A	Burlington baz=46	77.37 316 P	P	P	01 46 34.8 -0.4
F37A	Hinrichs Farm, baz=44	77.47 320 P	P	P	01 46 35.5 -0.2
G38A	Ridgeland baz=45	77.48 319 P	P	P	01 46 35.5 -0.3
C33A	Trail baz=43	77.49 323 P	P	P	01 46 35.1 -0.7
L44A	Lake County Fo baz=47	77.51 315 P	P	P	01 46 35.5 -0.5
YSS	Yuzh-Sakhalins	77.53 38 P	P	P	01 46 38.1 +2.1
YSS			e	e	01 46 52.1
YSS	comp-Z,40nm,0.7s		Pmax	Pmax	
YSS	comp-Z,900nm,15.0s		MLR	MLR	
YSS	comp-Z,60nm,1.0s	77.53 38 eP	P	P	01 46 38.3 +2.3
H39A	Augusta baz=45	77.54 319 P	P	P	01 46 35.6 -0.5
M45A	Boilermakers S baz=47	77.69 314 P	P	P	01 46 36.6 -0.5
D34A	Park Rapids baz=43	77.72 322 P	P	P	01 46 36.7 -0.4
E35A	Pequot Lakes baz=46	77.73 322 P	P	P	01 46 36.7 -0.5
N46A	Monticello baz=47,SNR=7.3	77.74 314 P	P	P	01 46 36.9 -0.4
I40A	Norwalk Sheridan Farm	77.75 318 P	P	P	01 46 36.8 -0.5
J41A	Loganville baz=46,SNR=5.9	77.81 317 P	P	P	01 46 37.2 -0.4
F36A	Milaca baz=44	77.81 321 P	P	P	01 46 37.3 -0.3
B31A	Greubush Farm baz=42	77.85 325 P	P	P	01 46 37.2 -0.6
K42A	Prairie Point, baz=46	77.86 316 P	P	P	01 46 37.4 -0.5
O47A	Sheridan baz=47,SNR=6.0	77.87 313 P	P	P	01 46 37.4 -0.6
SPMN	Marine on St. baz=44	77.91 320 P	P	P	01 46 37.8 -0.4
SPMN	Marine on St. comp-Z,37nm,1.4s	77.91 320 eP	P	P	01 46 38.5 +0.3
L43A	Garden Prairie baz=46	77.95 316 P	P	P	01 46 38.0 -0.5
D33A	AnnSam, Waubun baz=45	77.98 323 P	P	P	01 46 37.9 -0.6
M44A	Midewin, Midew baz=46	78.12 315 P	P	P	01 46 38.8 -0.6
J40A	Soldiers Grove baz=45	78.16 317 P	P	P	01 46 39.1 -0.5
N45A	Kentland baz=47	78.20 314 P	P	P	01 46 39.3 -0.6
I39A	Houston baz=45	78.24 318 P	P	P	01 46 39.3 -0.8
JFWS	Jewell Farm baz=45	78.24 317 P	P	P	01 46 39.5 -0.5
JFWS	Jewell Farm	78.24 317 eP	P	P	01 46 39.7 -0.4
JFWS			Pmax	Pmax	
JFWS	comp-Z,17nm,0.9s Jewell Farm	78.24 317 eP	P	P	01 46 39.7 -0.4
JFWS	comp-Z,17nm,0.9s		Pmax	Pmax	
MTP	Monte Pirata comp-Z,61nm,1.3s	78.29 284 eP	P	P	01 46 41.7 +1.0
MTP	Monte Pirata comp-Z,61nm,1.3s	78.29 284 eP	P	P	01 46 41.7 +1.0
SFIN	Lafayette baz=47,SNR=6.2	78.29 313 P	P	P	01 46 39.7 -0.7
SFIN	Lafayette comp-Z,39nm,0.9s	78.29 313 eP	P	P	01 46 40.1 -0.3
F35A	Swanville baz=43	78.31 321 P	P	P	01 46 39.7 -0.7
C31A	Landman Farms, baz=42	78.36 324 P	P	P	01 46 40.4 -0.2
KM5C	Kings Mountain baz=49	78.40 306 P	P	P	01 46 41.0 -0.1
KM5C	Kings Mountain comp-Z,93nm,2.0s	78.40 306 eP	P	P	01 46 41.6 +0.6
MNSI	Mansfield Mansfield Farm	78.42 99 P	P	P	01 46 40.6 -0.8
P47A	Martinsville baz=47	78.43 312 P	P	P	01 46 40.9 -0.3
K41A	Shullsburg baz=45	78.49 317 P	P	P	01 46 41.0 -0.5
I38A	Scanlan Farm, baz=44	78.52 319 P	P	P	01 46 41.0 -0.6
D32A	Dogwood Acres, baz=42	78.52 323 P	P	P	01 46 41.0 -0.5
E33A	Wesley DABS, E baz=42	78.52 322 P	P	P	01 46 41.3 -0.2
L42A	Oliver, Polo baz=46	78.57 316 P	P	P	01 46 41.5 -0.4
N44A	Piper City baz=46	78.58 314 P	P	P	01 46 41.5 -0.4
M43A	Waltham Townsh baz=46	78.59 315 P	P	P	01 46 41.7 -0.3
SUA	Susitna One comp-Z,94nm,1.7s	78.65 357 eP	P	P	01 46 43.4 +1.2
J39A	Decorah baz=45,SNR=6.8	78.70 318 P	P	P	01 46 41.9 -0.7

V48A	Smith Brothers	81.31 310	P	P	01 46 56.6	-0.3
N38A	Joess South For	81.32 317	P	P	01 46 56.1	-0.7
SIUC	Southern Hill	81.33 313	eP	P	01 46 57.0	+0.1
R43A	Red Bud	81.33 313	P	P	01 46 56.5	-0.4
J33A	Davis	81.34 321	P	P	01 46 56.3	-0.6
O39A	Kirksville	81.34 316	P	P	01 46 56.4	-0.5
S44A	Carbondale	81.36 313	P	P	01 46 56.6	-0.5
K34A	Le Mars	81.39 320	P	P	01 46 56.2	-1.0
SUSD	Miller	81.44 323	P	P	01 46 57.1	-0.3
X50A	Fort Payne	81.49 308	P	P	01 46 58.0	+0.1
L35A	Bielow Farm, R	81.54 319	P	P	01 46 57.5	-0.4
I31A	Royce, Wessing	81.56 322	P	P	01 46 57.5	-0.5
Q41A	Truxton	81.57 315	P	P	01 46 57.6	-0.6
P40A	Paris	81.60 315	P	P	01 46 57.7	-0.6
WVT	Waverly	81.64 311	P	P	01 46 57.7	-0.8
WVT	Waverly	81.64 311	eP	Pmax	01 46 58.0	-0.6
WVT	Waverly	81.64 311	eP	Pmax	01 46 58.0	-0.6
M36A	Felix, Anita	81.65 318	P	P	01 46 57.6	-1.0
V47A	Nunnally	81.66 310	P	P	01 46 57.8	-0.9
U46A	Springville	81.68 311	P	P	01 46 58.0	-0.7
W48A	Pulaski	81.79 309	P	P	01 46 58.9	-0.6
R42A	Luebbering	81.81 314	P	P	01 46 58.9	-0.5
FVM	French Village	81.81 313	eP	Pmax	01 46 59.6	+0.1
FVM	French Village	81.81 313	eP	P	01 46 59.6	+0.1
N37A	Lee Faris, Mou	81.85 317	P	P	01 46 59.1	-0.5
X49A	Woodville	81.86 309	P	P	01 46 59.9	+0.1
K33A	Hardington	81.89 320	P	P	01 46 59.1	-0.7
S43A	Fulton Ridge,	81.91 313	P	P	01 46 59.5	-0.5
O38A	Galt	81.93 317	P	P	01 46 59.9	-0.2
Y50A	Piedmont	81.93 308	P	P	01 47 00.4	+0.2
SDDR	Presa de Saban	81.96 288	eP	P	01 47 02.5	+1.9
SDDR	Presa de Saban	81.96 288	eP	P	01 47 02.5	+1.9
T44A	Benton	81.98 312	P	P	01 46 60.0	-0.4
Q40A	Laux Farm, Aux	82.00 315	P	P	01 47 00.1	-0.3
P39B	Salisbury	82.01 316	P	P	01 47 00.3	-0.2
U45A	Rockin' P Farm,	82.02 311	P	P	01 47 00.1	-0.5
V46A	Holladay	82.03 311	P	P	01 46 59.7	-1.0
557A	Orange Park	82.03 303	P	P	01 47 00.2	-0.5
L34A	Svendsen Farm,	82.06 320	P	P	01 46 59.6	-1.2
M35A	Neola	82.09 319	P	P	01 47 00.2	-0.7
W47A	Westpoint	82.11 310	P	P	01 47 00.3	-0.8
R41A	Rosebud	82.12 314	P	P	01 47 00.5	-0.5
S42A	Caledonia	82.17 313	P	P	01 47 00.9	-0.5
N36A	Muff Farm, Cla	82.20 318	P	P	01 47 00.9	-0.6
J31A	Geddes	82.21 322	P	P	01 47 00.7	-0.9
CCM	Cathedral Cave	82.22 314	P	P	01 47 01.1	-0.5
CCM	Cathedral Cave	82.22 314	eP	Pmax	01 47 01.3	-0.3
CCM	Cathedral Cave	82.22 314	eP	P	01 47 01.3	-0.3
O37A	Wolven Farm, M	82.25 317	P	P	01 47 01.3	-0.4
TIGA	Tifton	82.27 305	P	P	01 47 02.2	+0.2
TIGA	Tifton	82.27 305	eP	P	01 47 02.6	+0.6
P38A	Dawn	82.32 316	P	P	01 47 01.6	-0.5
K32A	Verdigre	82.32 321	P	P	01 47 01.3	-0.8
X48A	Hartselle	82.33 309	P	P	01 47 01.7	-0.5
Y49A	Blount Mountai	82.36 308	P	P	01 47 02.4	-0.0
T43A	Greenville	82.37 313	P	P	01 47 02.2	-0.2
U44A	Portageville	82.44 312	P	P	01 47 02.3	-0.4
Q39A	Willow Grove F	82.45 316	P	P	01 47 02.4	-0.4
Z50A	Ashland	82.48 307	P	P	01 47 03.0	-0.1
M34A	Aspy Farms, Fr	82.51 319	P	P	01 47 02.5	-0.6
N35A	Taber	82.51 318	P	P	01 47 02.7	-0.4
V45A	Humboldt	82.56 311	P	P	01 47 02.3	-1.1
PLAL	Pickwick Lake	82.58 310	eP	P	01 47 03.0	-0.5
R40A	Maddies Statio	82.61 315	P	P	01 47 03.4	-0.3
151A	Opelika	82.61 307	P	P	01 47 03.6	-0.1
MAJO	Matsushiro	82.62 48	iP	Pmax	01 47 05.0	+1.2
MAJO	Matsushiro	82.63 48	P	P	01 47 05.0	+1.2
MJAR	Matsushiro Arr	82.63 48	P	LR	02 27 37.4	
MJAR	Matsushiro Arr	82.63 48	P	P	01 47 05.0	+1.2
MJAR	Michie	82.65 310	P	P	01 47 02.7	-1.2
PBMO	Poplar Bluff	82.67 313	eP	P	01 47 04.9	+1.0
O36A	Bolkow	82.70 317	P	P	01 47 03.6	-0.5
K31A	O'Neill	82.73 321	P	P	01 47 03.6	-0.7
M33A	Taylor Creek F	82.76 320	P	P	01 47 03.7	-0.7
X47A	Russellville	82.77 309	P	P	01 47 03.9	-0.7
P37A	Lathrop	82.78 317	P	P	01 47 04.0	-0.5
Y48A	Jasper	82.78 309	P	P	01 47 04.0	-0.6
S41A	Jillico Farms,	82.83 314	P	P	01 47 04.6	-0.2
L32A	Elgin	82.84 320	P	P	01 47 04.3	-0.5
LAO	LASA Array	82.85 328	P	P	01 47 04.9	+0.1
LAO	LASA Array	82.85 328	eP	P	01 47 06.0	+1.1
Q38A	Cooks Store, C	82.85 316	P	P	01 47 04.5	-0.3
T42A	Van Buren	82.86 313	P	P	01 47 04.8	-0.2

Z49A	Columbiana	82.89 308	P	P	01 47 05.2	0.0
U43A	Rector	82.95 312	P	P	01 47 04.7	-0.7
251A	Midway	82.96 306	P	P	01 47 05.2	-0.3
N34A	Lincoln	82.96 319	P	P	01 47 04.7	-0.8
150A	Eclectic	82.99 307	P	P	01 47 05.5	-0.1
R39A	Chumby, Stover	83.01 315	P	P	01 47 05.5	+0.1
V44A	Blyleville	83.04 312	P	P	01 47 05.0	-0.9
JOW	Kunigami	83.09 61	LR	LR	02 30 21.5	
O35A	Humboldt	83.09 318	P	P	01 47 05.3	-0.8
EGMT	Eagleton	83.13 331	P	P	01 47 06.2	-0.1
EGMT	Eagleton	83.13 331	eP	P	01 47 06.6	+0.5
X46A	Booneville	83.17 310	P	P	01 47 05.6	-1.0
Y47A	UCPARC, Winif	83.19 309	P	P	01 47 05.9	-0.8
P36A	Good Intent, A	83.20 317	P	P	01 47 06.0	-0.7
T41A	Mountain View	83.23 314	P	P	01 47 06.8	0.0
S40A	Lebanon	83.24 314	P	P	01 47 06.6	-0.4
LRAL	Lakeview Retre	83.28 308	P	P	01 47 07.0	-0.2
LRAL	Lakeview Retre	83.28 308	eP	P	01 47 07.3	0.0
BGNE	Belgrade	83.36 320	P	P	01 47 06.7	-0.8
BGNE	Belgrade	83.36 320	eP	P	01 47 08.2	+0.7
Q37A	Longview Farm	83.36 316	P	P	01 47 06.8	-0.7
Z48A	Northport	83.38 308	P	P	01 47 07.0	-0.8
U42A	Reviden	83.43 313	P	P	01 47 08.2	+0.3
V43A	Jonesboro	83.44 312	P	P	01 47 07.9	0.0
149A	Jones	83.46 307	P	P	01 47 07.9	-0.2
N33A	J Bar K, Exete	83.52 319	P	P	01 47 07.7	-0.7
O34A	Beatrice	83.55 319	P	P	01 47 08.2	-0.3
250A	Grady	83.57 307	P	P	01 47 08.7	0.0
T40A	Manfield	83.57 314	P	P	01 47 08.6	-0.1
R38A	Fenwick Farm,	83.57 316	P	P	01 47 08.2	-0.4
S39A	Bolivar	83.62 315	P	P	01 47 08.4	-0.5
351A	Pinckard	83.64 306	P	P	01 47 09.0	-0.1
OXF	Oxford	83.69 310	P	P	01 47 08.1	-1.2
P35A	Duane Minner,	83.69 318	P	P	01 47 08.9	-0.4
WALA	Waterton Lakes	83.74 334	eP	P	01 47 09.6	+0.1
X45A	UM Field Stati	83.74 310	P	P	01 47 08.5	-1.1
Y46A	Houston	83.81 310	P	P	01 47 08.8	-1.1
Z47A	Carrollton	83.82 309	P	P	01 47 08.9	-1.0
U41A	Viola	83.82 313	P	P	01 47 09.9	0.0
Q36A	Arnold C, Orve	83.83 317	P	P	01 47 09.5	-0.4
148A	Greensboro	83.90 308	P	P	01 47 09.8	-0.6
V42A	Cord	83.91 312	P	P	01 47 10.3	-0.1
R37A	Teagarden Farm	83.97 316	P	P	01 47 09.7	-1.0
S38A	Stockton	83.98 315	P	P	01 47 10.1	-0.6
RSSD	Black Hills	83.98 325	P	P	01 47 10.3	-0.6
RSSD	Black Hills	83.98 325	eP	Pmax	01 47 11.0	+0.1
RSSD	Black Hills	83.98 325	eP	P	01 47 11.0	+0.1
350A	Dozier	84.00 306	P	P	01 47 10.8	-0.1
O33A	Hebron	84.08 319	P	P	01 47 10.3	-0.9
249A	Camden	84.09 307	P	P	01 47 10.9	-0.4
P34A	Walnut Farm, R	84.09 318	P	P	01 47 11.1	-0.2
T39A	Cleaver	84.13 314	P	P	01 47 11.0	-0.5
451A	Vernon	84.18 305	P	P	01 47 11.4	-0.4
Q35A	Mercer Eighty,	84.20 317	P	P	01 47 11.3	-0.5
Y45A	Yeager Farm, C	84.22 310	P	P	01 47 11.4	-0.6
552A	Lynn Haven	84.23 305	P	P	01 47 11.9	-0.2
147A	Livingston	84.30 308	P	P	01 47 11.6	-0.8
KSU1	Kansas State U	84.32 318	P	P	01 47 12.1	-0.3
KSU1	Kansas State U	84.32 318	eP	P	01 47 12.5	0.0
U40A	Yellville	84.33 314	P	P	01 47 12.1	-0.4
Z46A	Louisville	84.34 309	P	P	01 47 11.8	-0.8
V41A	Mountainview	84.35 313	P	P	01 47 12.3	-0.4
W42A	Bald Knob	84.36 312	P	P	01 47 12.7	0.0
S37A	Fort Scott	84.38 316	P	P	01 47 12.3	-0.5
248A	Dixon Mills	84.39 308	P	P	01 47 13.2	+0.3
X43A	Marvell	84.54 311	P	P	01 47 13.6	0.0
349A	Repton	84.57 307	P	P	01 47 14.2	+0.4
450A	Crestview	84.58 306	P	P	01 47 13.8	0.0
Q34A	Chapman	84.62 318	P	P	01 47 13.6	-0.4
T38A	Diamond	84.62 315	P	P	01 47 13.8	-0.2
U39A	Green Forest	84.66 314	P	P	01 47 13.8	-0.4
Z45A	Winona	84.66 310	P	P	01 47 13.6	-0.6
R35A	Emporia Munici	84.69 317	P	P	01 47 13.7	-0.6
V40A	Whits Springs	84.71 313	P	P	01 47 14.0	-0.6
WHAR	Woolly Hollow	84.78 313	eP	P	01 47 14.8	-0.1
146A	Union	84.80 309	P	P	01 47 14.7	-0.2
S36A	Lake Cedric, C	84.81 316	P	P	01 47 14.0	-0.9
LLBL	Lillooet	84.82 339	eP	P	01 47 15.7	+0.9
W41B	Gary Mavity, V	84.85 313	P	P	01 47 15.0	-0.1
X37A	Cheneyville 18	84.90 315	P	P	01 47 15.1	-0.2
T42A	Stuttgart	84.94 312	P	P	01 47 15.5	-0.1
247A	Quitman	84.94 308	P	P	01 47 15.9	+0.3
348A	Jackson	84.96 307	P	P	01 47 16.2	+0.4

HHAR	Hobbs	84.98 314	eP	P	01 47 15.8	-0.1
449A	Pace	85.00 306	P	P	01 47 15.2	-0.8
Y43A	Malakya and Ka	85.00 311	P	P	01 47 15.6	-0.3
U38A	Gravette	85.11 315	P	P	01 47 15.9	-0.6
V39A	Pettigrew	85.14 314	P	P	01 47 16.1	-0.6
Z44A	Pea Ridge, Bel	85.16 310	P	P	01 47 16.2	-0.5
UALR	University of	85.19 312	eP	P	01 47 17.1	+0.3
S35A	Otter Creek Ra	85.23 317	P	P	01 47 16.5	-0.6
R34A	Isabella, Hill	85.25 318	P	P	01 47 16.8	-0.3
W40A	Ferguson Farm,	85.30 313	P	P	01 47 17.3	-0.1
W40A	Ferguson Farm,	85.30 313	eP	P	01 47 17.6	+0.2
145A	Houston Renfro	85.34 309	P	P	01 47 17.3	-0.3
RLMT	Red Lodge	85.35 329	P	P	01 47 17.7	-0.1
RLMT						

MAT Matsuhiro 2.09 259 P Pb 02 50 23.0 -1.1
MAT S Sb 02 50 50.3 +0.3

IDC 14 03:01:21.9-0.9, 17.21N:120.87E, h87km, mb3.6/12,
mb1 3.8/13, mb1mx3.5/66, mbtmp3.9/13, MS2.6/1,
Ms1 2.6/1, ms1mx2.3/51 Error ellipse: s-maj=2.3, 1km
s-min=1.1, 2km az=76.0
ISCJB 14 03:01:22.2-0.4, 17.36N:0.04-120.48E:0.06, h96km, 4km,
mb3.8/11, Error ellipse: s-maj=9.9km s-min=5.2km
az=19.8

Code Station Name Az AzZ Phase ID Time Res
ABRA Dolores 0.37 32 Op ISC Pn 03 01 36.6 -0.2
APYP Conner 0.88 53 eP Pn 03 01 46.7 -0.6
BOLP Bolinao 1.10 211 eP S Sn 03 01 41.1 0.0
CAUP Cauayan 1.32 107 eP S Sn 03 02 02.0 +0.7
SCZP Santa Cruz 1.65 200 eP S Sn 03 01 50.5 0.0
SGCP Mt. Cagua 1.72 58 eP S Sn 03 01 51.7 +0.4
PCPH Palayan 1.85 162 eP S Sn 03 01 52.8 -0.2
BALP Baler 1.89 147 eP S Sn 03 01 53.8 +0.0
Tagaytay City 3.24 173 P S Sn 03 02 18.4 +1.5

NCC 14 03:35:04.4, 37.76N:71.41E, h0km, mb3.8, mpv3.4,
5C-3D, Error ellipse: s-maj=33.7km s-min=26.4km
az=169.0, Afghanistan-Tajikistan border region

Code Station Name Az AzZ Phase ID Time Res
SFK Sufi-Kurgan 2.78 35 Op ISC Pn 03 14 21.1 0.0
AML Almayashu 4.71 21 P Pn 03 14 46.0 -1.6
MNAS Manas 4.80 10 P Pn 03 14 48.5 -0.1
UCH Uchtor 5.06 27 P Pn 03 14 49.6 -2.9
ERKS Erkin-Say 5.22 20 P Pn 03 14 52.6 -1.9
KZK Kyzart 5.23 33 P Pn 03 14 50.1 -4.7
KK31 Karatay Array 5.38 353 P Pn 03 14 57.7 +1.1
AAK Ala-Archa 5.42 25 P Pn 03 14 56.5 -0.6
AAK Ala-Archa 5.45 29 P Sn 03 14 54.6 -2.5

NIED 14 03:27:00, 36.20N:141.60E, h20km, Mw5.5 Best double
couple: M1: 1.88000e+10, N1: 2.25e+00000, S: 1.710000e+10,
P: 1.1410000e+10, NP2: 2.00000e+07, 3.740000e+07, 3.830000e+07
BUJ 14 03:27:44.2, 36.17N:141.43E, h6km, mb5.5/77, mb5.5/66,
Ms5.5/92, Ms7.5/486

MOS 14 03:27:47.8, 1.3, 36.34N:141.62E, h28km, mb5.7/114,
MS5.4/66, Error ellipse: s-maj=6.7km s-min=4.3km
az=99.5
ISCJB 14 03:27:48.3-0.6, 36.20N:0.02-141.52E:0.02, h27km, 3km,
mb5.3/397, MS5.3/225, Error ellipse: s-maj=2.2km
s-min=2.0km az=160.4

JMA 14 03:27:48.3-0.1, 36.22N:141.63E, h59km, 2km, Ms5.6
JMA Felt III J1
IDC 14 03:27:50.6-0.5, 36.19N:141.55E, h35km, 3km, mb4.8/51,
mb1.4/9/59, mb1mx4.8/75, mbtmps/0/59, ML4.4/5, Ms4.9/30,
Ms1.4/9/30, ms1mx4.8/41, Error ellipse: s-maj=9.7km
s-min=8.1km az=115.0
GCMT 14 03:27:50.5-0.1, 36.19N:141.68E, h27km, Mw5.5/124,
Moment Tensor Solution. s89,c163; s124,c227;
Duration: 1s4 Moment tensor: Scale 10^17Nm;
Mrr: 1.42e+03; Mrr: 0.32e+02; Mrr: 1.10e+02; Mrr: 0.71e+05;
Mrr: 0.75e+02; Mrr: 1.69e+06; Best double couple:
M2: 3.6000e+10, NP1: 2.40000e+07, 3.710000e+07,
7.850000e+07, NP2: 2.190000e+07, 3.20000e+07, 1.040000e+08
Principal axes: T: 2.3050, P: 6.0400, Azm: 286.0000;
N: 0.1110, P: 6.0500, Azm: 265.0000; P: 2.4150,
P: 2.5000, Azm: 18.0000; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 14 03:27:50.5-0.5, 36.19N:141.40E, h30km, 3km, mb5.4/236,
MS5.4/159 Error ellipse: s-maj=3.5km s-min=2.4km
az=146.0
NEIC Felt in much of southeastern Honshu. Recorded [3 JMA] in
Fukushima and Ibaraki.
ISC 14 03:27:49.1-0.3, 36.26N:0.03-141.60E:0.03, h26km, 1km,
h2km: pP-P, N1357, s173/1393, mb5.4/411, MS5.4/228,
82C-45D, Near east coast of eastern Honshu

JYT Yasato 1.14 269 eS Sn 03 28 24.2 0.0
JFK Kawauchi 1.25 332 U Pn 03 28 10.5 -0.5
JFK JFK 03 28 27.3 +0.2
ISOJP ISUMI INFRASON 1.41 228 U Pn 03 28 15.2 +0.4
JFT Otama 1.62 322 eP S Sn 03 28 16.0 0.0
JFT Boso 1 1.68 198 P S Sn 03 28 36.4 +0.3
BSO1 Boso 3 1.70 212 P S Sn 03 28 35.5 -1.2
BSO3 Marumori 1.73 338 U P S Sn 03 28 16.2 -0.7
JMM Ashikaga 1.75 276 U P S Sn 03 28 17.6 0.0
JAG Ashikaga 1.91 308 U P S Sn 03 28 20.9 +0.1
JFY Yanaizu 1.96 306 U P S Sn 03 28 20.0 0.0
JFK Katsushina 1.97 286 U P S Sn 03 28 20.9 0.0
JKT Ryogami san 2.20 265 U P S Sn 03 28 44.7 0.0
JRY Odawara 2 2.27 245 eS Pn 03 28 52.0 -0.2
JMD2 Matsuhiro Arr 2.75 277 Pn 03 28 25.1 +0.1
MJAR 456nm, 0.3s, baz=209, slow=14, SNR=869 LR LR 03 28 31.4 -0.3
MAJO Matsuhiro 2.76 277 U P Pn 03 28 33.3 +1.6
MAJO Matsuhiro 2.76 277 U P Pn 03 28 32.8 +1.1
MAJO Matsuhiro 2.76 277 U Pn 03 29 04.4 +0.3
MAT Matsuhiro 2.76 277 U Pn 03 28 32.4 +0.7
MAT Matsuhiro 2.76 277 U Pn 03 29 04.4 +0.4
MJB9 Matsu-Tunnel 2.76 277 eP S Sn 03 28 32.9 +1.2
MJB9 Matsu-Tunnel 2.76 277 U Pn 03 29 04.0 -0.2
JHJ Hachijo jima 2 3.47 206 Pn 03 28 40.6 -0.9
JHJ 406nm, 0.3s, baz=324, slow=14, SNR=83 Sn 03 29 18.9 -2.8
JHJ 645nm, 0.3s, baz=271, slow=23, SNR=14 LR LR 03 29 27.1 0.0
INU Inuyama 3.84 258 eP Pn 03 28 48.3 +1.8
ERM Erimo 5.88 11 U Pn 03 29 13.7 -0.8
ERM Erimo 5.88 11 eP Pn 03 29 13.8 -0.8
ERMA Erimo 5.88 11 eS Pn 03 29 20.2 -0.8
ASAJ Asahikawa 7.89 5 Pn 03 29 42.4 +0.2
ASAJ 7.74nm, 0.3s, baz=213, slow=13, SNR=49 Sn Sn 03 31 09.6 -1.0
ASAJ 7.74nm, 0.3s, baz=354, slow=18, SNR=2.9 LR LR 03 33 23.0
GLVR Golovino 8.05 21 eP S Sn 03 29 42.9 -1.5
GLVR Golovino 8.05 21 eP S Sn 03 31 07.8 -6.8
GRPR Tuman 8.36 21 eP S Sn 03 29 47.6 -1.0
GRPR Tuman 8.36 21 eS Pn 03 31 16.4 -5.7
LAGR Lagunnoye 8.42 21 eP S Sn 03 29 48.1 -1.3
LAGR Lagunnoye 8.42 21 U Pn 03 31 17.4 -0.9
YUZ Yuzh-Kuril'sk 8.43 21 U Pn 03 29 48.0 -1.5
YUZ Yuzh-Kuril'sk 8.43 21 U Pn 03 31 17.3 -6.4
YUK comp=Z, 362nm, 0.4s pmax pmax 03 29 59.9 +1.0
YUK comp=N, 166nm, 0.3s pmax pmax 03 29 59.9 +1.0
YUK comp=E, 145nm, 0.3s smax smax 03 10 08.5 +1.1
YUK comp=N, 2um, 0.6s pmax pmax 03 10 27.6 -2.0
SHO Shikotan 8.59 26 eP Pn 03 29 49.2 -2.6
SHO Shikotan 8.59 26 eS Pn 03 31 19.4 -8.4
SHO comp=Z, 267nm, 0.7s pmax pmax 03 31 19.4 -8.4
SHO comp=N, 59nm, 0.3s pmax pmax 03 31 17.4 -0.9
SHO comp=E, 105nm, 0.4s smax smax 03 31 17.4 -0.9
SHO comp=N, 2um, 0.7s smax smax 03 31 17.4 -0.9
SHO comp=E, 2um, 0.9s pmax pmax 03 31 17.4 -0.9
CBJ Chichi jima 9.14 177 eP Pn 03 29 57.4 -2.0
CBJ Chichi jima 9.14 177 eS Pn 03 31 31.2 -1.0
JCJ Chichijima 9.14 177 Pn Pn 03 29 57.4 -2.0
JCJ comp=E, 83nm, 0.3s, baz=314, slow=4, SNR=37 Sn Sn 03 31 31.2 -1.0
JCJ comp=E, 70nm, 0.3s, baz=294, slow=23, SNR=6.8 LR LR 03 33 38.5
JNU Nakatsu 9.37 254 Pn Pn 03 30 03.0 +0.5
JNU comp=E, 2.5nm, 0.3s, baz=63, slow=1.3, SNR=19 LR LR 03 33 50.6
TEY Ternei 9.56 338 eP Pn 03 30 06.4 +1.4
KUR Kuril'sk 10.14 26 eP Pn 03 31 01.8 -2.2
KUR Kuril'sk 10.14 26 eS Sn 03 31 57.6 -8.3
KUR comp=Z, 146nm, 0.7s pmax pmax 03 30 06.4 +1.4
KUR comp=E, 103nm, 0.5s pmax pmax 03 31 01.8 -2.2
KUR comp=N, 38nm, 0.4s smax smax 03 31 57.6 -8.3
KUR comp=N, 456nm, 0.5s smax smax 03 30 27.0 0.0
VLA Vladivostok 10.15 315 U Pn 03 30 14.5 +1.4
YSS Yuzh-Sakhalins 10.72 41 eP Pn 03 30 20.7 -0.2
YSS comp=Z, 60nm, 0.8s pmax pmax 03 30 20.7 -0.2
YSS comp=Z, 7um, 14.0s MLR MLR 03 30 20.7 -0.2
YSS comp=E, 9um, 16.0s MLR MLR 03 30 20.7 -0.2
YSS Yuzh-Sakhalins 10.72 41 eP Pn 03 30 21.0 0.0
USSR Ussuriysk Ar. 10.81 320 Pn Pn 03 30 23.8 +1.6
USSR comp=E, 1.2nm, 0.3s, baz=132, slow=12, SNR=139 LR LR 03 34 27.0
USSR comp=E, 2.1nm, 18.5s, baz=125, slow=57 LR LR 03 34 27.0
KSRS Korea Array 11.03 280 Pn Pn 03 30 27.3 +2.1
KSRS 2.2nm, 0.3s, baz=96, slow=13, SNR=84 LR LR 03 34 39.5
KSRS comp=E, 139m, 19.3s, baz=86, slow=37 LR LR 03 34 39.5
KS01 Wonju Array Si 11.05 280 eP Pn 03 30 28.4 +2.9
KS15 Wonju Array Si 11.06 280 eP Pn 03 30 29.7 +4.1
KSAR Wonju Array Be 11.06 280 Pn Pn 03 30 27.3 +1.7
KSAR Wonju Array Be 11.06 280 Pn Pn 03 30 43.3 +4.1
INCN Incheon 12.06 280 eP Pn 03 30 43.3 +4.1
MDJ Mudanjiang 12.38 316 P P 03 30 45.8 -1.0
MDJ 12.38 316 P P 03 30 46.9 0.0
MDJ 12.38 316 P P 03 30 51.3 -0.1
MDJ 12.38 316 P P 03 31 01.8 +1.2
MDJ 12.38 316 P P 03 33 05.8 0.0
MDJ comp=E, 18nm, 0.3s pmax pmax 03 31 12.4 -1.8
MDJ comp=E, 2um, 13.7s LR LR 03 33 40.8 -7.3
MDJ comp=E, 15um, 17.9s LR LR 03 33 40.8 -7.3
MDJ comp=E, 13um, 19.0s LR LR 03 33 40.8 -7.3
MDJ comp=E, 25um, 19.0s LR LR 03 30 45.1 +1.5
MDJ Mudanjiang 12.38 316 eP Pn 03 31 12.0 -0.3
CN2 Changchun 14.48 306 eP S Sn 03 31 19.0 +0.3
CN2 14.48 306 eS Sn 03 33 52.6 +0.7
CN2 comp=E, 30nm, 1.2s pmax pmax 03 31 12.0 -0.3
CN2 comp=E, 200nm, 4.0s LR LR 03 31 19.0 +0.3
CN2 comp=E, 10um, 14.0s LR LR 03 31 19.0 +0.3
CN2 comp=E, 11um, 14.0s LR LR 03 31 19.0 +0.3
TYV Tymoyskoe 14.62 3 eP S Sn 03 31 12.4 -1.8
TYV Tymoyskoe 14.62 3 eS Pn 03 33 40.8 -7.3
TYV comp=Z, 56nm, 1.0s pmax pmax 03 31 12.4 -1.8
TYV comp=Z, 800nm, 5.2s pmax pmax 03 33 40.8 -7.3

TYV comp=E, 19nm, 1.3s smax smax 03 31 15.2 -0.6
TYV comp=N, 12um, 15.0s MLR MLR 03 36 51.2
TYV comp=Z, 15um, 16.0s MLR MLR 03 36 51.2
JOW Kunigami 14.73 234 Pn Pn 03 31 16.2 -0.9
JOW comp=Z, 1.7nm, 0.3s, baz=60, slow=14, SNR=3.5 LR LR 03 36 51.2
JOW comp=Z, 5um, 20.9s, baz=96, slow=37 LR LR 03 31 16.2 -0.9
KLR Kul'dur 14.83 334 Pn Pn 03 31 16.2 -0.9
KLR comp=Z, 0.1nm, 0.3s, baz=132, slow=12, SNR=22 LR LR 03 37 04.6
KLR comp=Z, 1um, 18.4s, baz=144, slow=37 LR LR 03 31 16.2 -0.9
KLR Kul'dur 14.83 334 U Pn 03 31 16.3 -0.7
GRNR Gornyy 14.98 347 eP Pn 03 31 17.3 -1.7
GRNR comp=Z, 42nm, 1.0s pmax pmax 03 31 20.4 +0.2
SNY Shenyang 15.06 297 U Pn 03 31 20.4 +0.2
SNY comp=Z, 83nm, 1.1s pmax pmax 03 31 33.0 -0.1
SNY comp=Z, 1um, 8.6s pmax pmax 03 34 31.3 +1.0
SNY comp=Z, 7um, 16.3s LR LR 03 31 33.0 -0.1
SNY comp=Z, 15um, 17.8s LR LR 03 31 33.0 -0.1
DL2 Dalian 16.06 285 P S Pn 03 31 33.0 -0.1
DL2 Dalian 16.06 285 P S Pn 03 31 33.0 -0.1
DL2 comp=Z, 82nm, 1.3s pmax pmax 03 31 33.0 -0.1
DL2 comp=Z, 1um, 6.1s LR LR 03 31 33.0 -0.1
DL2 comp=Z, 8um, 11.6s LR LR 03 31 33.0 -0.1
DL2 comp=Z, 18um, 13.5s LR LR 03 31 33.0 -0.1
DL2 comp=Z, 22um, 14.9s LR LR 03 31 33.0 -0.1
NKL Nikolayevsk 16.91 358 eP Pn 03 31 40.0 -3.7
NKL comp=N, 34nm, 1.2s pmax pmax 03 31 40.0 -3.7
NKL comp=Z, 41nm, 1.2s pmax pmax 03 31 40.0 -3.7
NKL comp=Z, 500nm, 6.0s pmax pmax 03 31 40.0 -3.7
OKH Okha 17.32 31 U Pn 03 31 52.9 +2.8
OKH Okha 17.32 31 U Pn 03 34 59.5 -1.2
OKH comp=Z, 500nm, 16.0s pmax pmax 03 31 52.9 +2.8
OKH comp=E, 800nm, 9.0s smax smax 03 31 52.9 +2.8
OKH comp=N, 600nm, 13.0s smax smax 03 31 52.9 +2.8
SSE Sheshan 17.75 259 P Pn 03 31 52.5 -1.9
SSE Sheshan 17.75 259 P Pn 03 31 52.5 -1.9
SSE comp=Z, 450nm, 7.8s LR LR 03 31 52.5 -1.9
SKR Severo-Kuril's 17.81 31 eP Pn 03 32 01.2 +5.6
SKR Severo-Kuril's 17.81 31 eP Pn 03 32 01.2 +5.6
SKR comp=Z, 3um, 16.0s MLR MLR 03 32 01.2 +5.6
SKR comp=Z, 4um, 16.0s MLR MLR 03 32 01.2 +5.6
NJ2 Nanjing 19.28 264 eP Pn 03 32 08.8 -2.1
NJ2 Nanjing 19.28 264 eP Pn 03 32 14.5 +1.5
NJ2 Nanjing 19.28 264 eP Pn 03 32 17.5 -1.3
NJ2 Nanjing 19.28 264 eP Pn 03 35 44.5 -3.9
NJ2 comp=Z, 25nm, 0.9s pmax pmax 03 32 08.8 -2.1
NJ2 comp=Z, 880nm, 7.1s LR LR 03 32 14.5 +1.5
NJ2 comp=Z, 6um, 16.3s LR LR 03 32 17.5 -1.3
NJ2 comp=Z, 6um, 21.0s LR LR 03 35 44.5 -3.9
NJ2 comp=Z, 6um, 20.8s LR LR 03 35 44.5 -3.9
TIA Tai an 19.74 277 P Pmax 03 32 14.8 -2.1
TIA Tai an 19.74 277 P Pmax 03 32 14.8 -2.1
TIA comp=Z, 85nm, 1.5s LR LR 03 32 14.8 -2.1
TIA comp=Z, 6um, 14.4s LR LR 03 32 14.8 -2.1
TIA comp=Z, 4um, 18.3s LR LR 03 32 14.8 -2.1
TIA comp=Z, 7um, 18.2s LR LR 03 32 14.8 -2.1
ZEA Zeya 20.15 335 eP P 03 32 18.8 -2.4
ZEA Zeya 20.15 335 eP P 03 32 50.0 0.0
ZEA Zeya 20.15 335 eP P 03 36 29.0 0.0
ZEA comp=N, 190nm, 1.0s pmax pmax 03 32 18.8 -2.4
ZEA comp=E, 59nm, 1.0s pmax pmax 03 32 50.0 0.0
ZEA comp=Z, 200nm, 1.0s pmax pmax 03 36 29.0 0.0
ZEA comp=Z, 1um, 13.0s pmax pmax 03 32 18.8 -2.4
ZEA comp=E, 500nm, 15.0s pmax pmax 03 32 50.0 0.0
ZEA comp=N, 600nm, 14.0s pmax pmax 03 36 29.0 0.0
ZEA comp=N, 500nm, 13.0s pmax pmax 03 32 18.8 -2.4
ZEA comp=Z, 800nm, 13.0s smax smax 03 32 50.0 0.0
ZEA comp=E, 1um, 3.0s smax smax 03 36 29.0 0.0
ZEA comp=N, 1um, 4.0s MLR MLR 03 32 18.8 -2.4
ZEA comp=E, 5um, 14.0s MLR MLR 03 32 50.0 0.0
ZEA comp=Z, 10um, 14.0s MLR MLR 03 36 29.0 0.0
ZEA comp=N, 8um, 15.0s MLR MLR 03 32 18.8 -2.4
PEA0B Petropavlovsk 20.29 29 eP Pn 03 32 26.8 +1.9
PEA0B Petropavlovsk 20.29 29 eP Pn 03 32 26.8 +1.9
PEA0B comp=Z, 3um, 20.0s LR LR 03 32 26.8 +1.9
PETK Petropavlovsk 20.29 29 P P 03 32 23.6 +0.8
PETK comp=Z, 13nm, 0.9s, baz=225, slow=6.7, SNR=8.8 LR LR 03 40 28.0
PETK Petropavlovsk 20.29 29 eP Pn 03 32 24.2 -0.6
PETK Petropavlovsk 20.29 29 eP Pn 03 32 24.2 -0.6
PEA1 Petropavlovsk 20.29 29 eP P 03 32 23.6 +0.8
BJJ Beijing 20.33 288 U P P 03 32 20.5 -2.8
BJJ Beijing 20.33 288 U P P 03 32 20.5 -2.8
BJJ comp=Z, 93nm, 1.1s pmax pmax 03 32 20.5 -2.8
BJJ comp=Z, 9um, 11.3s LR LR 03 32 20.5 -2.8
BJJ comp=Z, 9um, 14.2s LR LR 03 32 20.5 -2.8
BJT Baijiatau 20.34 288 eP P 03 32 21.2 -2.2
BJT Baijiatau 20.34 288 eP P 03 32 21.2 -2.2
BJT comp=Z, 98nm, 1.1s MLR MLR 03 32 21.2 -2.2
BJT comp=Z, 7um, 18.0s LR LR 03 32 21.2 -2.2
BJT Baijiatau 20.34 288 eP P 03 32 21.2 -2.2
BJT comp=Z, 98nm, 1.1s LR LR 03 32 21.2 -2.2
HIA Hailar 20.57 316 U P 03 32 23.6 -2.2
HIA Hailar 20.57 316 U P 03 32 23.6 -2.2
HIA comp=Z, 78nm, 1.1s LR LR 03 32 23.6 -2.2
HIA Hailar comp=Z, 59nm, 0.8s LR LR 03 32 23.6 -2.2
TATO Taipei 20.60 243 PFAKE LR LR 03 32 40.0 +1.1
TATO Taipei 20.60 243 PFAKE LR LR 03 32 40.0 +1.1
PET Petropavlovsk 20.61 30 eP Pn 03 32 29.8 +1.3
PET Petropavlovsk 20.61 30 eP Pn 03 36 14.0 -1.1
PET comp=Z, 120nm, 1.2s pmax pmax 03 32 29.8 +1.3
PET comp=Z, 600nm, 10.3s pmax pmax 03 36 14.0 -1.1
PET MLR MLR 03 36 14.0 -1.1

Table with columns for location (e.g., Hyderabad, Akbulak array), time (e.g., 58.34 269 eP), and other metrics (e.g., P, 03 37 40.5 -1.8).

Table with columns for location (e.g., VRH, D05A, G06D), time (e.g., comp=Z,60nm,0.8s), and other metrics (e.g., pmax, MLR).

Table with columns for location (e.g., SHME, F10A, NEY), time (e.g., SNR=21, 71.66 289 iP), and other metrics (e.g., P, 03 39 09.3 +0.4).

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like CUKT, NC405, EGMT, etc.

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

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

Table with columns for call sign, name, frequency, and other details. Includes entries like KECS, GLA, OKK, DRGR, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries like CLL, COLM, SALA, VRAC, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries like GEC2, GERES, GEA0, etc.

Table with columns: BOJS, E39A, STU, STU, STU, STU, BNM, KRUS, J35A, K34A, 319A, 319A, I36A, UCC, UCC, F39A, WATA, WTTA, JAVS, E40A, ABTA, H37A, BIA, G38A, PDG, TTT, TTT, TTT, CWF, CWF, M33A, 121A, MOTA, RETA, FNA, WLF, WLF, WLF, I37A, OHR, H38A, L34A, TAOE, TAOE, TAOE, TRI, J36A, K35A, F40A, G39A, E41A, APE, APE, SCHO, SCHO, BFO, BFO, BFO, FETA, TIR, TIR, L35A, BAIF, BAIF, J37A, DAVA, I38A, CBKS, CBKS, CBKS, CBKS, CBKS, CBKS, H39A, K36A, G40A, CDF, CDF, E42A, F41A, AGG, AGG, M35A, N34A, L36A

Table with columns: K37A, H40A, J38A, I39A, G41A, O34A, M36A, N35A, L37A, HNF, HNF, H41A, HAU, HAU, J39A, K38A, G42A, TUE, TUE, DAMY, DAMY, I40A, F43A, O35A, P34A, N36A, I41A, L38A, F44A, M37A, SCIA, SCIA, K39A, J40A, Q34A, KSU1, KSU1, MNTX, MNTX, N37A, M38A, K40A, MSTX, J41A, L39A, O36A, AMTX, AMTX, TBI, TBI, TBI, H43A, JFWS, P36A, Q35A, N38A, O37A, M39A, L40A, J42A, K41A, S34A, VLC, VLC, N39A, P37A, K42A, L41A, M40A, R36A, S35A, T34A, LPL, LPL, LPG, LPG, P38A, N40A, O39A, GLMI, L42A, M41A, CUC, CUC, AVF, AVF, R37A, GRR

Table with columns: GRR, S36A, TIP, TIP, BNI, BNI, L43A, T35A, Q38A, O40A, P39B, N41A, T36A, WMOK, WMOK, WMOK, S37A, Q39A, N42A, M40A, M43A, R38A, O41A, SSB, T37A, N43A, P41A, Q40A, R39A, S38A, VIVF, VIVF, HDIL, TX31, TXAR, CEL, CEL, QUIF, QUIF, T38A, TUL1, U37A, S39A, P42A, R40A, Q41A, ABTX, HPIG, HPIG, V37A, U38A, N45A, T39A, S40A, Q42A, R41A, CAF, CAF, HHAR, N46A, V38A, CCM, CCM, CCM, O45A, T40A, R42A, U39A, P44A, SFIN, X37A, LFF, LFF, V39A, S42A, U40A, Q44A, T41A, W38A, JCT, O47A, W39A, T42A, Q45A, V40A

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Waltonville, Viola, Fulton Ridge, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like LSZ, SDD, TOA1, etc.

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

Table with columns: DPC, Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CCUT Cedar City, SZCU Shurtz Canyon, MHTCO State Highway, etc.

Table with columns: DPC, Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like DIVS Divinare, RYHN Ar Rayn, ULN Ulsanbaatar, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like FINES FINES Array B, TORD Torodi Ar, WEL 14 04:15:58.1, etc.

0.8nm,0.7s,baz=45,slow=11,SNR=3.6
MKAR Makanchi Array 76.47 320 P 04 47 52.5 +0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes MEX 14 04:37:55.8, 0.4, 13.95N, 91.84W, h22km, 58km, MD3.9.

ISK 14 04:39:46.9, 38.66N, 43.15E, h8km, ML2.4/4
ISCJB 14 04:39:47.9, 0.4, 38.67N, 0.03:43.15E, 0.03, h12km, 5km,
Error ellipse: s-maj=4.6km s-min=4.2km az=22.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes CSEM 14 04:39:47.4, 0.2, 38.66N, 43.17E, h15km, ML2.4, Error ellipse: s-maj=3.9km s-min=3.5km az=57.0.

DDA 14 04:39:47.3, 38.70N, 43.19E, h7km, ML3.3
ISC 14 04:39:47.1, 1.38, 69N, 0.02:43.16E, 0.02, h4km, 10km, n28, c1524/51, Turkey

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

ISCJB 14 04:42:18.3, 0.8, 12.21S, 0.05:76.98W, 0.08, h68km, 5km, mb4.5/19, Error ellipse: s-maj=14.8km s-min=6.5km az=151.3

IDC 14 04:42:19.1, 0.7, 12.13S, 76.96W, h57km, 4km, mb3.9/11, m1.4, 0/15, mb1mx3.8/44, mbtmp4.2/15, Error ellipse: s-maj=14.5km s-min=12.4km az=79.0

NEIC 14 04:42:20.0, 0.0, 12.41S, 76.94W, h2km, mb4.8/18, ML4.8(ARE), After ARE.

NEIC Felt [V] at Lima and [II] at Barranca. Also felt at Huacho, Imperial, Matucana and San Luis.

ISC 14 04:42:19.1, 0.6, 12.31S, 0.06:76.92W, 0.09, h54km, 4km, h54km: pP-P, n81, c2802/94, mb4.7/19, Near coast of Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes NNA Nana, ATAH Atahualpa, ARE Arequipa, LPAZ La Paz, etc.

PLCA Paso Flores 28.6 170 P P 04 48 14.0 +1.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes PLCA Paso Flores, PLCA San Juan, STVI Saint Thomas, etc.

TXAR Lajitas Array 48.79 329 P P 04 50 57.4 -1.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes TXAR Lajitas Array, TX31 Lajitas Ar. Si, X37A Clayton, etc.

SPRD Spring Road, M 50.08 359 eP P 04 51 07.8 -0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes NV01 Mina Array Sit, NVAR Mina Array Bea, NVAR San du Bonnet, etc.

YKA Yellowknife Arr 80.13 343 P P 04 54 21.3 -1.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes YKB5 Yellowknife Arr, YK65 Yellowknife Arr, TOR01 Torodi Ar. Sit, etc.

WRA Warramunga Arr 135.57 224 PKP P 05 01 32.5 -1.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes ZAA1 Zalesovo Array, ZALV Zalesovo Beam, KURK Kurchatov, etc.

SONA0 Songino Array 144.48 356 ePKP P 05 01 47.3 -0.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes HHC Hu-ho-hao-te, HHC Lanzhou, LZH Lanzhou, etc.

MEX 14 04:53:25.1, 0.6, 16.68N, 99.77W, h14km, 3km, MD3.8, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes ACP2 Acapulco, CAIG El Cayaco, MEIG Mezcala, etc.

MAN 14 05:08:35, 12.86N, 120.14E, h20km, mb3.7, ML2.4, MS1.9, 1C, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes BUSP Coron, LUBP Lubang, PUERTO Galera, etc.

JMA 14 05:08:39.9, 0.3, 36.67N, 142.41E, h3km, 4km, M3.4, IDC 14 05:08:39.1, 4.0, 36.62N, 142.67E, h0km, mb3.2/2, Error ellipse: s-maj=61.7km s-min=40.8km az=107.0

ISCJB 14 05:08:40.9, 1.0, 36.62N, 0.05:142.44E, 0.07, h15km, mb3.1/2, Error ellipse: s-maj=8.3km s-min=7.2km az=5.9

ISC 14 05:08:42.7, 1.5, 36.68N, 0.05:142.32E, 0.08, h15km, n16, c1520/25, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes ONAJ Iwakimizuishi, ONAJ Onaka, ONAJ Kawachi, etc.

MAT Matushiro 3.31 269 P Pn 05 09 35.3 +1.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes MAT Matushiro, JHJ Hachioji jima 2, JHJ Hachioji jima 2, SONM Songino Array, etc.

GUC 14 05:12:20.9, 0.4, 23.44S, 69.85W, h65km, 3km, ML3.5, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes PB10 IPOC Station P, PB06 IPOC Station P, PB06 IPOC Station P, etc.

PB04 IPOC Station P 1.14 346 eP Pn 05 12 41.8 +0.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes PB09 IPOC Station P, PB02 IPOC Station P, PB02 IPOC Station P, etc.

PB01 IPOC Station P 2.41 8 eP Pn 05 12 59.2 +1.1

CSEM 14 05:19:45.3, 38.65N, 43.17E, h7km, ML2.6, DDA 14 05:19:45.3, 38.65N, 43.17E, h7km, ML2.6, ISC 14 05:19:40.3, 1.5, 38.91N, 0.05:43.31E, 0.07, h14km, 10km, n10, c981/18, Turkey

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

IDC 14 05:30:23.5, 6.1, 6.28S, 149.43E, h51km, 59km, mb2.9/2, mb1 3.6/4, Error ellipse: s-maj=26.4km s-min=19.3km

PMG Port Moresby 3.83 216 P Pn 05 31 20.7 +0.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, etc.

ISCJB 14 05:54:50.6, 0.8, 18.0N, 0.2:46.3W, 0.2, h10km, mb3.6/7, MS3.4/8, Error ellipse: s-maj=26.4km s-min=19.3km az=153.5

IDC 14 05:54:50.7, 1.0, 17.93N, 46.34W, h0km, mb3.6/7, mb1 3.8/7, mb1mx3.5/62, mbtmp3.6/7, MS3.5/9, Ms1 3.5/9, ms1mx3.2/53, Error ellipse: s-maj=32.0km s-min=22.8km az=169.0

ISC 14 05:54:52.2, 1.0, 17.93N, 0.2:46.3W, 0.2, h10km, n20, c1924/7, MS3.7/7, MS3.4/8, North Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes SJG San Juan, PTGA Pitinga, SDV Santo Domingo, etc.

H10N3 ASCENSION HYDR0.53 127 T T 06 45 32.2

H10N2 ASCENSION HYDR0.53 126 T T 06 45 34.5

H10N1 ASCENSION HYDR0.55 126 T T 06 45 35.5

ISCJB 14 05:58:02.6, 0.2, 32.08S, 0.02:69.92W, 0.04, h113km, 2km, mb4.4/22, Error ellipse: s-maj=5.4km s-min=3.9km az=19.5

GUC 14 05:58:02.8, 0.7, 32.07S, 70.15W, h124km, 8km, ML4.4, SJA 14 05:58:02.1, 0.6, 32.07S, 70.10W, h102km, 4km, ML4.3, MV4.6, Fault plane solution: NP1, phi=251.000000, delta=000000, lambda=90.000000

14C 14 05:58:04.0.0.7, 32^r:12S:69.79W, h112km, 5km, mb3.9/11, m1=1.4, 0/14, mb1mx3.8/37, mbtmp4.3/14, Error ellipse: s-maj=20.6km s-min=13.8km az=82.0

ISC 14 05:58:03.3.0.5, 32.09N:004.6996W, 0.04, h112km, 4km, h113km:pp-P, n88, c1926/112, mb4.2/42, 14C-5D,

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h	s
					ISC	ISC
AUSP	Uspallata	0.50	106	iP	05 59 02.0	-0.1
RTLS	Leonico	0.63	63j	eS	05 58 20.9	-0.8
RTLS				Sn	05 58 34.8	-0.8
	comp=E, 5.0m, 0.3s			IAML	05 58 35.0	
ASAL	Salagasta	1.07	118	iP	05 58 25.6	+0.1
ASAL				Pn	05 58 43.0	+0.7
ARCO	CERRO ARCO	1.14	131	iP	05 58 26.7	+0.3
ARCO				Pn	05 58 44.7	+0.8
	comp=E, 5.0m, 0.3s			IAML	05 58 45.5	-0.6
ZON	Zonda	1.22	64j	eP	05 58 26.5	-0.6
RTCX	Cerro Valdivia	1.22	80j	eP	05 58 26.6	-0.6
ROCH	El Roble	1.25	225	eP	05 58 26.8	-0.9
ROCH				eS	05 58 45.5	-0.6
ROCH				IAML	05 58 46.7	
ROCI	El Roble	1.26	225	ePn	05 58 26.7	-1.0
ROCI				eSn	05 58 44.6	-1.7
ROCI	El Roble	1.26	225j	eP	05 58 26.8	-1.0
ROCI				iS	05 58 45.7	-0.6
ANTU	Farellones	1.27	193	eP	05 58 28.1	+0.2
FCH				eS	05 58 47.5	+1.0
FCH				IAML	05 58 50.6	
SJA	San Juan	1.31	65j	eP	05 58 27.9	-0.2
SJA				iS	05 58 46.5	-0.5
SJA				IAML	05 58 47.9	
AAGR	Agrelo	1.37	137j	eP	05 58 29.4	+0.5
CLCH	Cerro Calan	1.39	200	eP	05 58 28.9	-0.2
CLCH				eS	05 58 48.8	+0.1
CLCH				IAML	05 58 50.5	
FSR	Penalolen	1.47	199	eP	05 58 30.0	+0.1
FSR				eS	05 58 50.2	+0.1
ANTU	Antumapu	1.58	201	eP	05 58 31.1	-1.1
ANTU				eS	05 58 53.2	0.0
ANTU				IAML	05 58 53.2	
AMOG	MOGNA	1.70	48	iP	05 58 32.4	-0.3
LMEL	Las Melosas	1.77	187	eP	05 58 33.9	+0.3
LMEL				eS	05 58 47.5	+0.8
LMEL				Sn	05 59 04.2	
AVIZ	Vizcacheras	1.84	139	iP	05 58 34.6	+0.1
GO04	Tololo Observa	2.04	339	eP	05 58 36.6	-0.7
GO04				iS	05 58 52.0	-1.1
TLL	Tololo Astrono	2.05	339	eP	05 58 36.8	-0.5
TLL				eS	05 59 02.5	-0.8
TLL				IAML	05 59 10.2	
ACAN	Camantas	2.35	95j	eP	05 58 40.4	-0.6
AGUA	GUANDACOL	2.88	26j	eP	05 58 48.6	+0.6
LCO	Las Campanas	3.14	348	ePn	05 58 50.7	-0.7
LCO	Las Campanas	3.14	348j	eP	05 58 50.7	-0.7
LCO	Las Campanas	3.14	348	eP	05 58 50.8	-0.7
GO05	Hualaszo	3.35	209	ePn	05 58 51.7	-2.3
APLL	PUNTA DE LOS L	3.39	61j	eP	05 58 53.5	-1.0
PYA	Tanti	4.63	82j	eP	05 59 09.5	-1.7
TCA	Choya	5.11	46j	eP	05 59 15.2	-2.5
AHML	Horco Molle	6.65	38j	eP	05 59 35.1	-3.5
FSA	Cafayete	6.90	31j	eP	05 59 39.2	-2.9
PLCA	Paso Flores	8.64	163	eP	06 00 04.0	-1.5
TRQA	Tornquist	8.84	135	ePn	06 00 05.7	-2.4
AZAP	Zapla	8.94	30j	iP	06 00 08.0	-1.9
CPUP	Villa Florida	12.43	66	eP	06 00 51.6	-4.7
CPUP				Sn	06 03 03.9	-9.3
CPUP				S	06 01 02.6	-0.3
MMNC	Minye Minye	12.91	2	ePn	06 01 31.3	-1.4
CHRN	Cochrane	15.27	187	eP	06 01 31.3	-1.4
	comp=E, 1.9m, 1.1s					
LPAZ	La Paz	15.82	6	P	06 01 40.5	+0.1
LPAZ				P	06 01 40.5	+0.1
LPAZ				P	06 01 40.5	+0.1
SIV	San Ignacio	17.95	29	P	06 02 04.0	-0.9
	comp=E, 1.1m, 0.3s, baz=215, slow=10.0, SNR=85					
SPB	Sao Paulo	21.61	73	P	06 02 44.5	+0.2
PTGA	Pitinga	32.59	19	eP	06 04 23.6	-0.5
PTGA				P	06 04 24.0	-0.2
RUSC	La Rusia	37.89	355	eP	06 05 11.3	+1.1
	comp=E, 2.4m, 1.8s					
HELZ	Santa Helena	38.44	351	eP	06 05 15.5	+0.9
	comp=E, 1.4m, 0.5s					
SNAZ	Sanaz	52.70	159	P	06 07 06.0	+0.1
	comp=E, 5.0m, 0.7s, baz=230, slow=8.7, SNR=11					
SNAZ	Sanaz	52.70	159	eP	06 07 06.0	+0.1
	comp=E, 7.3m, 0.8s					
QSPA	South Pole Qui	58.14	180	P	06 07 46.6	+1.5
	comp=E, 7.7m, 0.8s, baz=193, slow=1.9, SNR=34					
SYO	Gyowa Base	66.99	158j	eP	06 08 39.4	-4.2
TX31	Lajitas Ar. Si	68.97	329	eP	06 08 58.1	+1.6
TXAR	Lajitas Array	68.97	329	eP	06 08 58.2	+1.7
	comp=E, 0.8m, 0.6s, baz=150, slow=8.8, SNR=12					
TXAR				P	06 09 25.6	+1.0
	comp=E, 0.4m, 0.6s, baz=151, slow=8.1, SNR=9					
WWT	Waverly	69.90	345	eP	06 09 03.0	+1.0
	comp=E, 9.2m, 0.9s					
LIC	Lamt	72.50	71	eP	06 09 18.2	0.0
	comp=E, 9.0m, 2.3s					
MSTX	Muleshoe	72.61	332	eP	06 09 19.7	+1.2
	comp=E, 4.9m, 0.8s					
TIC	Toumudi	72.76	70	eP	06 09 19.5	-0.2
KIC	Kosan Boka	72.81	71	eP	06 09 20.1	0.0
	comp=E, 1.1m, 0.8s					
DBIC	Dimbokro	72.90	70	P	06 09 20.7	+0.2
	comp=E, 4.3m, 0.6s, baz=212, slow=6.9, SNR=8.8					
DBIC	Dimbokro	72.90	70	eP	06 09 20.7	+0.2
	comp=E, 1.1m, 1.5s					
MHTCO	State Highway	76.13	332	eP	06 09 41.0	+2.1
	comp=E, 3.2m, 2.0s					
W18A	Petrified Fore	76.59	327	eP	06 09 43.5	+1.9
	comp=E, 1.9m, 0.8s					
X16A	Lo Mia Camp	76.81	326	eP	06 09 45.0	+2.2
	comp=E, 3.3m, 1.1s					
KOWA	Kowa	78.25	65	P	06 09 51.0	0.0
	comp=E, 3.4m, 0.6s, baz=227, slow=7.2, SNR=10					
SMCO	Growmass	78.81	332	eP	06 09 56.1	+2.1
	comp=E, 7.5m, 1.3s					
BOSA	Boshof	79.39	117	P	06 09 57.2	-0.1
	comp=E, 2.2m, 0.7s, baz=117, slow=7.2, SNR=4.2					
TOA0	Torodi Ar. Sit	81.91	69	eP	06 10 10.9	+0.1
TOA0				P	06 10 11.1	+0.3
TORD	Torodi Ar. Bea	81.91	69	eP	06 10 10.9	+0.2
	comp=E, 3.6m, 0.7s, baz=257, slow=4.6, SNR=25					
TORD				P	06 10 39.8	+0.3
	comp=E, 2.5m, 1.1s, baz=262, slow=4.1, SNR=3.5					
TOA1	Torodi Ar. Sit	81.91	69	eP	06 10 10.9	+0.2
TOA1				eP	06 10 39.8	+0.3
PD31	Pinedale Array	82.88	332	eP	06 10 16.9	+1.5
PDAR	Pinedale Array	82.88	332	eP	06 10 16.9	+1.5
	comp=E, 0.2m, 0.5s, baz=122, slow=1.1, SNR=2.9					
PDAR				P	06 10 46.5	+2.2
	comp=E, 0.5m, 0.8s, baz=130, slow=2.3, SNR=3.1					
NV01	Mina Array Sit	83.35	324	eP	06 10 19.1	+1.2
NVAR	Mina Array Bea	83.35	324	eP	06 10 19.5	+1.6
	comp=E, 0.2m, 0.3s, baz=163, slow=5.1, SNR=3.0					
MATP	Matopo	86.19	112	P	06 10 33.3	+0.6
	comp=E, 1.2m, 0.7s, baz=196, slow=4.4, SNR=3.6					
J08A	Circle Bar Ran	87.23	327	eP	06 10 38.5	+1.5
ASAR	Alice Springs	120.05	205	ePKP	06 16 39.9	-1.4
	comp=E, 13.4m, 0.8s, baz=131, slow=2.6, SNR=3.6					
AS31	Alice Springs	120.05	205	ePKPdf	06 16 40.0	-1.4
WR1	Warramunga Arr	123.27	208	ePKPdf	06 16 47.5	-0.1
WR1	Warramunga Arr	123.27	208	ePKP	06 16 47.5	-0.1
	comp=E, 0.7m, 0.6s, baz=159, slow=1.7, SNR=14					
WRA	Warramunga Arr	123.27	208	ePKPdf	06 17 17.3	-0.8
	comp=E, 0.4m, 0.7s, baz=160, slow=1.7, SNR=3.4					
KURBB	Kurchatov Ara	150.28	42	ePKPbc	06 17 42.1	+1.2
	comp=E, 1.1m, 0.5s, baz=300, slow=3.1, SNR=12					

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h	s
					ISC	ISC
KURK	Kurchatov	150.29	42	ePKPbc	06 17 42.1	+1.2
KSH	Kashi	151.51	65	ePKPbc	06 17 38.6	+0.6
KSH				pPKPdf	06 18 04.8	-3.8
KSH				pPKP	06 18 05.0	-0.9
KSH				pPK	06 18 15.0	-0.9
KSH				PKSdf	06 21 10.8	-1.9
KSH				PKS	06 21 10.5	+0.1
KSH				PKSdf	06 24 35.3	0.0
ZAA1	Zalesovo Array	151.68	32	ePKPbc	06 17 44.9	+0.9
ZALV	Zalesovo Beam	151.68	32	ePKPbc	06 17 44.9	+0.9
	comp=E, 2.9m, 0.6s, baz=300, slow=3.5, SNR=5.5					
ZALV				ePKPbc	06 18 14.9	+0.5
	comp=E, 4.0m, 0.8s, baz=286, slow=3.7, SNR=3.0					
MK32	Makanchi Array	154.19	47	ePKPbc	06 18 04.7	+0.6
MKAR	Makanchi Array	154.19	47	ePKPbc	06 18 04.7	+0.6
	comp=E, 0.9m, 0.7s, baz=302, slow=3.5, SNR=9.2					
SONO	Songino Array	164.03	9	ePKPbc	06 18 47.0	+0.2
SONM	Songino Array	164.03	9	ePKPbc	06 18 47.0	+0.2
	comp=E, 0.1m, 0.3s, baz=242, slow=3.1, SNR=2.2					
LZH	Lanzhou	173.49	51	ePKP	06 17 58.3	-1.3
LZH				ePKPdf	06 18 26.3	-4.1
LZH				ePKP	06 18 36.3	-4.1
CD2	Chengdu	174.50	101	ePKP	06 18 00.4	+0.4

NNC 14 05:58:22.3±1.0, 35.99N:70.84E, h0 ^h km, mb3.5, mpv3.2, 5C-1D, Error ellipse: s-maj=101.8km s-min=84.2km az=131.0, Hindu Kush region						
Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h	s
					ISC	ISC
CHOJ	Choshi	0.79	222	iP	06 22 14.6	-1.0
JHOJ	Hitachi	0.82	293	iP	06 22 16.2	+0.1
ONAJ	Iwakimizuushi	0.99	325	iP	06 22 18.4	-0.6
JFK	Kawachi	1.18	335	iP	06 22 21.2	-0.4
JFT	Otsma	1.54	323	iP	06 22 27.5	+1.1
JAG	Ashikaga	1.67	275	iP	06 22 28.1	-0.1
JMM	Muramori	1.67	340	iP	06 22 28.2	-0.1
BSOJ	Boso 3	1.70	209	iP	06 22 27.0	-1.4
JFY	Yanaizu	1.82	308	iP	06 22 31.5	+1.1
JKT	Katashina	1.86	285	iP	06 22 32.1	+0.8
JIO	Otsu	2.16	357	iP	06 22 34.3	-0.7
JHK	Hiroka	2.22	296	iP	06 22 37.2	+1.4
MJAR	Matsushiro Arr	2.67	276	ePn	06 22 43.1	+1.0
	260nm, 0.3s, baz=101, slow=7.9, SNR=488			Sn		
MJAR				Sn	06 23 21.9	+1.8
	310nm, 0.3s, baz=79, slow=14, SNR=85			LR		
	3.9m, 0.3s			LR		
MJAR				LR	06 23 57.7	
	3.2m, 1.27um, 19.4s, baz=120, slow=45					
MAJO	Matsushiro					

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, error rates).

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SCO	Scoresbysund comp=Z,27nm,1.3s	72.85 354	eP	P	06 33 27.5 +0.7	GURO	Guroymak-BITLI 74.84 307	P	P	06 33 41.7 +2.4	MAZI	Mazidag 76.49 307	eP	P	06 33 49.9 +1.2
SCO	Wild Horse Val comp=Z,3um,20.0s	72.91 50	eP	LR	06 33 26.3 -1.5	NC204	NORSAR Array S 74.85 338	eP	P	06 33 38.9 +0.1	ILIC	Ilke-Erzincan 76.53 309	eP	P	06 33 51.4 +2.5
WVOR	Wild Horse Val comp=Z,95nm,1.4s	72.91 50	eP	P	06 33 26.3 -1.5	NB201	NORSAR Array S 74.86 337	eP	P	06 33 37.8 -1.0	LKWY	Lake Erzin 76.53 44	eP	pmx	06 33 51.3 +2.3
WVOR	Wild Horse Val comp=Z,95nm,1.4s	72.91 50	eP	P	06 33 26.3 -1.5	KTUT	Trabzon 74.89 310	eP	P	06 33 39.9 +0.6	LKWY	Lake Erzin comp=Z,86nm,1.1s	MLR	MLR	
ALNE	AI Air SNR=6.8	72.93 288	iP	P	06 33 28.7 +0.5	NB2	NORSAR Subarra 74.89 337	P	P	06 33 38.6 -0.4	LKWY	Lake Erzin comp=Z,3um,20.0s	eP	P	06 33 51.3 +2.3
KARS	Kars 73.02 308	eP	P	06 33 30.5 +2.0	NB202	NORSAR Array S 74.89 337	eP	P	06 33 38.6 -0.4	H17A	Grant Village baz=308	76.54 45	eP	P	06 33 50.4 +1.3
IZAR	Zarazai 73.07 328	eP	IAMB	06 33 47.7	NOA	NORSAR Subarra comp=Z,59nm,0.8s,baz=41,slow=5.9	P	LR	07 10 07.5	H17A	Grant Village comp=Z,154nm,1.1s	76.54 45	eP	P	06 33 51.3 +2.3
IDID	Didiziasali 73.14 327	eP	IAMB	06 33 42.8	BMN	Battle Mountai 74.92 51	eP	P	06 33 40.4 +0.7	SFJD	Kangerlussuaq comp=Z,2um,20.0s	76.61 5	eP	P	06 33 49.0 +0.4
IDID	Didiziasali 73.14 327	eP	IAMB	06 33 42.8	BMN	Battle Mountai 74.92 51	eP	pmx	06 33 40.4 +0.7	SFJD	Kangerlussuaq comp=Z,2.1nm,1.0s,baz=346,slow=8.3,SNR=4.8	76.61 5	eP	LR	07 11 57.3
MCGM	Minsk 73.15 326j	eP	PM	06 33 29.0 +0.2	BMN	Battle Mountai 74.92 51	eP	MLR	06 33 40.4 +0.7	SFJD	Kangerlussuaq comp=Z,2um,19.0s	76.61 5	eP	P	06 33 49.0 +0.4
MCGM	Minsk 73.15 326j	eP	PM	06 33 29.0 +0.2	BMN	Battle Mountai 74.92 51	eP	MLR	06 33 40.4 +0.7	SFJD	Kangerlussuaq comp=Z,2um,19.0s	76.61 5	eP	P	06 33 49.0 +0.4
MCGM	Minsk 73.15 326j	eP	PM	06 33 29.0 +0.2	BMN	Battle Mountai 74.92 51	eP	MLR	06 33 40.4 +0.7	SFJD	Kangerlussuaq comp=Z,2um,19.0s	76.61 5	eP	P	06 33 49.0 +0.4
MCGM	Minsk 73.15 326j	eP	PM	06 33 29.0 +0.2	BMN	Battle Mountai 74.92 51	eP	MLR	06 33 40.4 +0.7	SFJD	Kangerlussuaq comp=Z,2um,19.0s	76.61 5	eP	P	06 33 49.0 +0.4
MCGM	Minsk 73.15 326j	eP	PM	06 33 29.0 +0.2	BMN	Battle Mountai 74.92 51	eP	MLR	06 33 40.4 +0.7	SFJD	Kangerlussuaq comp=Z,2um,19.0s	76.61 5	eP	P	06 33 49.0 +0.4
MCGM	Minsk 73.15 326j	eP	PM	06 33 29.0 +0.2	BMN	Battle Mountai 74.92 51	eP	MLR	06 33 40.4 +0.7	SFJD	Kangerlussuaq comp=Z,2um,19.0s	76.61 5	eP	P	06 33 49.0 +0.4
MCGM	Minsk 73.15 326j	eP	PM	06 33 29.0 +0.2	BMN	Battle Mountai 74.92 51	eP	MLR	06 33 40.4 +0.7	SFJD	Kangerlussuaq comp=Z,2um,19.0s	76.61 5	eP	P	06 33 49.0 +0.4
MCGM	Minsk 73.15 326j	eP	PM	06 33 29.0 +0.2	BMN	Battle Mountai 74.92 51	eP	MLR	06 33 40.4 +0.7	SFJD	Kangerlussuaq comp=Z,2um,19.0s	76.61 5	eP	P	06 33 49.0 +0.4
MCGM	Minsk 73.15 326j	eP	PM	06 33 29.0 +0.2	BMN	Battle Mountai 74.92 51	eP	MLR	06 33 40.4 +0.7	SFJD	Kangerlussuaq comp=Z,2um,19.0s	76.61 5	eP	P	06 33 49.0 +0.4
MCGM	Minsk 73.15 326j	eP	PM	06 33 29.0 +0.2	BMN	Battle Mountai 74.92 51	eP	MLR	06 33 40.4 +0.7	SFJD	Kangerlussuaq comp=Z,2um,19.0s	76.61 5	eP	P	06 33 49.0 +0.4
MCGM	Minsk 73.15 326j	eP	PM	06 33 29.0 +0.2	BMN	Battle Mountai 74.92 51	eP	MLR	06 33 40.4 +0.7	SFJD	Kangerlussuaq comp=Z,2um,19.0s	76.61 5	eP	P	06 33 49.0 +0.4
MCGM	Minsk 73.15 326j	eP	PM	06 33 29.0 +0.2	BMN	Battle Mountai 74.92 51	eP	MLR	06 33 40.4 +0.7	SFJD	Kangerlussuaq comp=Z,2um,19.0s	76.61 5	eP	P	06 33 49.0 +0.4
MCGM	Minsk 73.15 326j	eP	PM	06 33 29.0 +0.2	BMN	Battle Mountai 74.92 51	eP	MLR	06 33 40.4 +0.7	SFJD	Kangerlussuaq comp=Z,2um,19.0s	76.61 5	eP	P	06 33 49.0 +0.4
MCGM	Minsk 73.15 326j	eP	PM	06 33 29.0 +0.2	BMN	Battle Mountai 74.92 51	eP	MLR	06 33 40.4 +0.7	SFJD	Kangerlussuaq comp=Z,2um,19.0s	76.61 5	eP	P	06 33 49.0 +0.4
MCGM	Minsk 73.15 326j	eP	PM	06 33 29.0 +0.2	BMN	Battle Mountai 74.92 51	eP	MLR	06 33 40.4 +0.7	SFJD	Kangerlussuaq comp=Z,2um,19.0s	76.61 5	eP	P	06 33 49.0 +0.4
MCGM	Minsk 73.15 326j	eP	PM	06 33 29.0 +0.2	BMN	Battle Mountai 74.92 51	eP	MLR	06 33 40.4 +0.7	SFJD	Kangerlussuaq comp=Z,2um,19.0s	76.61 5	eP	P	06 33 49.0 +0.4
MCGM	Minsk 73.15 326j	eP	PM	06 33 29.0 +0.2	BMN	Battle Mountai 74.92 51	eP	MLR	06 33 40.4 +0.7	SFJD	Kangerlussuaq comp=Z,2um,19.0s	76.61 5	eP	P	06 33 49.0 +0.4
MCGM	Minsk 73.15 326j	eP	PM	06 33 29.0 +0.2	BMN	Battle Mountai 74.92 51	eP	MLR	06 33 40.4 +0.7	SFJD	Kangerlussuaq comp=Z,2um,19.0s	76.61 5	eP	P	06 33 49.0 +0.4
MCGM	Minsk 73.15 326j	eP	PM	06 33 29.0 +0.2	BMN	Battle Mountai 74.92 51	eP	MLR	06 33 40.4 +0.7	SFJD	Kangerlussuaq comp=Z,2um,19.0s	76.61 5	eP	P	06 33 49.0 +0.4
MCGM	Minsk 73.15 326j	eP	PM	06 33 29.0 +0.2	BMN	Battle Mountai 74.92 51	eP	MLR	06 33 40.4 +0.7	SFJD	Kangerlussuaq comp=Z,2um,19.0s	76.61 5	eP	P	06 33 49.0 +0.4
MCGM	Minsk 73.15 326j	eP	PM	06 33 29.0 +0.2	BMN	Battle Mountai 74.92 51	eP	MLR	06 33 40.4 +0.7	SFJD	Kangerlussuaq comp=Z,2um,19.0s	76.61 5	eP	P	06 33 49.0 +0.4
MCGM	Minsk 73.15 326j	eP	PM	06 33 29.0 +0.2	BMN	Battle Mountai 74.92 51	eP	MLR	06 33 40.4 +0.7	SFJD	Kangerlussuaq comp=Z,2um,19.0s	76.61 5	eP	P	06 33 49.0 +0.4
MCGM	Minsk 73.15 326j	eP	PM	06 33 29.0 +0.2	BMN	Battle Mountai 74.92 51	eP	MLR	06 33 40.4 +0.7	SFJD	Kangerlussuaq comp=Z,2um,19.0s	76.61 5	eP	P	06 33 49.0 +0.4
MCGM	Minsk 73.15 326j	eP	PM	06 33 29.0 +0.2	BMN	Battle Mountai 74.92 51	eP	MLR	06 33 40.4 +0.7	SFJD	Kangerlussuaq comp=Z,2um,19.0s	76.61 5	eP	P	06 33 49.0 +0.4
MCGM	Minsk 73.15 326j	eP	PM	06 33 29.0 +0.2	BMN	Battle Mountai 74.92 51	eP	MLR	06 33 40.4 +0.7	SFJD	Kangerlussuaq comp=Z,2um,19.0s	76.61 5	eP	P	06 33 49.0 +0.4
MCGM	Minsk 73.15 326j	eP	PM	06 33 29.0 +0.2	BMN	Battle Mountai 74.92 51	eP	MLR	06 33 40.4 +0.7	SFJD	Kangerlussuaq comp=Z,2um,19.0s	76.61 5	eP	P	06 33 49.0 +0.4
MCGM	Minsk 73.15 326j	eP	PM	06 33 29.0 +0.2	BMN	Battle Mountai 74.92 51	eP	MLR	06 33 40.4 +0.7	SFJD	Kangerlussuaq comp=Z,2um,19.0s	76.61 5	eP	P	06 33 49.0 +0.4
MCGM	Minsk 73.15 326j	eP	PM	06 33 29.0 +0.2	BMN	Battle Mountai 74.92 51	eP	MLR	06 33 40.4 +0.7	SFJD	Kangerlussuaq comp=Z,2um,19.0s	76.61 5	eP	P	06 33 49.0 +0.4
MCGM	Minsk 73.15 326j	eP	PM	06 33 29.0 +0.2	BMN	Battle Mountai 74.92 51	eP	MLR	06 33 40.4 +0.7	SFJD	Kangerlussuaq comp=Z,2um,19.0s	76.61 5	eP	P	06 33 49.0 +0.4
MCGM	Minsk 73.15 326j	eP	PM	06 33 29.0 +0.2	BMN	Battle Mountai 74.92 51	eP	MLR	06 33 40.4 +0.7	SFJD	Kangerlussuaq comp=Z,2um,19.0s	76.61 5	eP	P	06 33 49.0 +0.4
MCGM	Minsk 73.15 326j	eP	PM	06 33 29.0 +0.2	BMN	Battle Mountai 74.92 51	eP	MLR	06 33 40.4 +0.7	SFJD	Kangerlussuaq comp=Z,2um,19.0s	76.61 5	eP	P	06 33 49.0 +0.4
MCGM	Minsk 73.15 326j	eP	PM	06 33 29.0 +0.2	BMN	Battle Mountai 74.92 51	eP	MLR	06 33 40.4 +0.7	SFJD	Kangerlussuaq comp=Z,2um,19.0s	76.61 5	eP	P	06 33 49.0 +0.4
MCGM	Minsk 73.15 326j	eP	PM	06 33 29.0 +0.2	BMN	Battle Mountai 74.92 51	eP	MLR	06 33 40.4 +0.7	SFJD	Kangerlussuaq comp=Z,2um,19.0s	76.61 5	eP	P	06 33 49.0 +0.4
MCGM	Minsk 73.15 326j	eP	PM	06 33 29.0 +0.2	BMN	Battle Mountai 74.92 51	eP	MLR	06 33 40.4 +0.7	SFJD	Kangerlussuaq comp=Z,2um,19.0s	76.61 5	eP	P	06 33 49.0 +0.4
MCGM	Minsk 73.15 326j	eP	PM	06 33 29.0 +0.2	BMN	Battle Mountai 74.92 51	eP	MLR	06 33 40.4 +0.7	SFJD	Kangerlussuaq comp=Z,2um,19.0s	76.61 5	eP	P	06 33 49.0 +0.4
MCGM	Minsk 73.15 326j	eP	PM	06 33 29.0 +0.2	BMN	Battle Mountai 74.92 51	eP	MLR </							

14d 6h

Table with columns for station code, name, frequency, and various performance metrics (e.g., TPVN, URFA, EDWZ, etc.).

2012 FEB

Table with columns for station code, name, frequency, and various performance metrics (e.g., MSU, GMRC, ODBI, etc.).

782

Table with columns for station code, name, frequency, and various performance metrics (e.g., RSSD, CJR, CJR, etc.).

14d 6h

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like H35A Sunnyside Ranch, MHTCO State Highway, etc.

2012 FEB

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like BRY Bratogost, CWF Charnwood Fore, etc.

784

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like JAN Janina, JAN Janina, etc.

P36A	comp=Z,2um,20.0s Good Intent, A baz=318	88.17	40	P	P	06 34 49.3 -0.2
F46A	Macinaw City C baz=324	88.28	30	P	P	06 34 49.3 -0.6
Q35A	Mercer Eighty, baz=317	88.29	41	P	P	06 34 49.7 -0.4
N38A	Joess South For baz=319,SNR=5.6	88.31	38	P	P	06 34 49.8 -0.3
O37A	Wolven Farm, M baz=318	88.31	39	P	P	06 34 50.0 -0.2
M39A	Webster baz=320,SNR=7.8	88.32	37	P	P	06 34 49.9 -0.3
GVD	Gavdos	88.33	313	P	P	06 34 55.5 +5.2
L40A	Anamosa baz=320	88.33	36	P	P	06 34 48.8 -1.4
J42A	Columbus baz=322	88.34	34	P	P	06 34 50.0 -0.2
K41A	Shullsburg baz=321	88.35	35	P	P	06 34 50.1 -1.2
U32A	Winter Ranch, baz=315	88.44	45	P	P	06 34 50.1 -0.9
VLC	Villacollemand	88.47	327	PFAKE	LR	06 35 00.0 +9.1
Q36A	comp=Z,14um,18.0s Arnold C. Orve baz=316	88.52	41	P	P	06 34 50.0 -1.2
S34A	Willow Spring baz=316	88.55	43	P	P	06 34 50.7 -0.6
N39A	Derby Farms, D baz=319,SNR=9.0	88.61	38	P	P	06 34 51.1 -0.4
J43A	Natural Harves baz=322	88.64	40	P	P	06 34 51.3 -0.2
P37A	Lathrop baz=318	88.64	40	P	P	06 34 51.7 0.0
K42A	Prairie Point, baz=321	88.66	35	P	P	06 34 51.2 -0.6
L41A	Preston baz=321	88.67	36	P	P	06 34 51.2 -0.6
O38A	Galt baz=319	88.69	39	P	P	06 34 52.1 +0.2
M40A	Post Highland baz=320,SNR=7.9	88.69	37	P	P	06 34 52.1 +0.2
VAL	Valentia	88.72	343	eP	P	06 34 47.5 -4.3
VAL	Valentia	88.72	343	S	P	06 45 44.9 +7.8
LPL	La Plagne	88.91	330	eP	Pmax	06 34 52.0 -1.2
LPG	comp=Z,24nm,1.2s La Plagne	88.92	330	eP	Pmax	06 34 52.2 -1.1
R36A	comp=Z,12nm,1.0s Gordon, Harris baz=318	88.97	41	P	P	06 34 53.3 0.0
S35A	Otter Creek Ra baz=317	89.00	42	P	P	06 34 53.0 -0.4
T34A	McClaskey Farm baz=316	89.00	43	P	P	06 34 53.4 -0.1
P38A	Dawn baz=319	89.03	39	P	P	06 34 53.2 -0.4
N40A	Mertquake, Sal baz=320	89.06	37	P	P	06 34 53.0 -0.6
O39A	Kirkville baz=319	89.06	38	P	P	06 34 53.5 -0.2
GLMI	Graying baz=324	89.10	31	P	P	06 34 53.8 0.0
GLMI	Graying comp=Z,86nm,0.8s	89.10	31	eP	P	06 34 54.8 +1.0
L42A	Oliver, Polo baz=321	89.11	36	P	P	06 34 52.9 -1.0
CUC	Castrocuoco	89.13	321	PFAKE	LR	06 35 10.0 +1.6
AVF	comp=Z,8um,20.0s Avril sur Loir	89.16	333	eP	Pmax	06 34 53.2 -0.8
M41A	comp=Z,40nm,1.2s Milan	89.19	36	P	P	06 34 54.0 -0.2
TIP	Timpagrande comp=Z,33nm,1.1s	89.26	320	eP	LR	06 34 56.0 +1.3
GRR	comp=Z,11um,20.0s Gorron	89.26	336	eP	P	06 34 54.6 +0.1
BNI	Bardonecchia	89.31	330	PFAKE	LR	06 35 10.0 +1.5
R37A	comp=Z,5um,18.0s Teagarden Farm baz=318	89.33	41	P	P	06 34 54.2 -0.8
S36A	Lake Cedric, C baz=317	89.36	42	P	P	06 34 54.9 -0.2
T35A	Sooner Cattle baz=317	89.45	43	P	P	06 34 54.8 -0.8
LPIG	La Paz comp=Z,1um,18.0s,baz=309,slow=36	89.48	60	LR	LR	07 14 55.1
Q38A	Cooks Store, C baz=319	89.48	40	P	P	06 34 55.1 -0.6
O40A	La Belle baz=320	89.49	38	P	P	06 34 55.7 0.0
M42A	Sheffield baz=321	89.50	36	P	P	06 34 54.9 -0.8
P39B	Salisbury baz=319	89.53	39	P	P	06 34 56.1 +0.2
MSEY	Mahe Island	89.54	264	PFAKE	LR	06 35 10.0 +1.4
MBDF	Montbardon	89.54	330	eP	Pmax	06 34 56.5 +0.4
N41A	comp=Z,7.0nm,0.8s Harden Midland baz=320	89.55	37	P	P	06 34 55.7 -0.2
T36A	Boggs Farm, Ca baz=317	89.69	42	P	P	06 34 56.7 0.0
WMOK	Wichita Mounta baz=316,SNR=5.8	89.74	46	P	P	06 34 57.1 +0.1
WMOK	Wichita Mounta comp=Z,47nm,1.4s	89.74	46	eP	Pmax	06 34 57.6 +0.6
WMOK	comp=Z,2um,19.0s Wichita Mounta comp=Z,47nm,1.4s	89.74	46	eP	MLR	06 34 57.6 +0.6
S37A	comp=Z,2um,19.0s Fort Scott baz=318	89.74	41	P	P	06 34 56.7 -0.2
Q39A	Willow Grove F baz=319	89.75	39	P	P	06 34 56.1 -0.8
N42A	Yates City	89.85	36	P	P	06 34 56.9 -0.4
P40A	Paris baz=320	89.86	38	P	P	06 34 57.0 -0.4
M43A	Waltham Townsh baz=322	89.89	35	P	P	06 34 56.7 -0.8
R38A	Fenwick Farm, baz=318	89.91	40	P	P	06 34 56.7 -1.0
SSB	Saint Sauveur	89.97	331	PFAKE	LR	06 35 10.0 +1.2
O41A	comp=Z,6um,18.0s Passleys Farm, baz=320	89.99	37	P	P	06 34 57.6 -0.4
TCF	Toulu Ste Croi	90.00	333	eP	Pmax	06 34 58.3 +0.3
V35A	comp=Z,58nm,1.8s Meyer Ranch, C baz=317	90.11	44	P	P	06 34 58.2 -0.4
V35A	Meyer Ranch, C	90.11	44	PFAKE	LR	06 35 10.0 +1.1
ATD	comp=Z,2um,19.0s Arta Tunnel comp=Z,5.1nm,0.3s,baz=87,slow=4.6,SNR=3.8	90.13	284	P	LR	06 34 58.9 -0.2
ATD	comp=Z,1um,18.8s,baz=38,slow=39	90.17	42	P	LR	07 20 00.1
T37A	Cheneyville 18 baz=318	90.17	42	P	P	06 34 58.7 -0.2
N43A	Stutzman Famil baz=322	90.17	36	P	P	06 34 58.3 -0.6
P41A	Barry, Barry baz=320	90.24	38	P	P	06 34 59.0 -0.2
Q40A	Laux Farm, Aux baz=320	90.25	39	P	P	06 34 59.0 -0.2
R39A	Chumbo, Stover	90.27	40	P	P	06 34 58.8 -0.6
OK021	N3530 Road, Sp OK021	90.29	44	PFAKE	LR	06 35 10.0 +1.0
O42A	Bath baz=321	90.32	37	P	P	06 34 59.7 +0.2
S38A	Stockton baz=318	90.33	41	P	P	06 34 58.8 -0.8

M44A	Midewin, Midew baz=322	90.35	35	P	P	06 34 58.7 -1.0
CEL	Celeste	90.40	320	PFAKE	LR	06 35 10.0 +1.0
HDL	comp=Z,9um,20.0s HDIL Hopedale	90.42	36	P	P	06 34 59.2 -0.8
HDIL	Hopedale comp=Z,85nm,1.4s	90.42	36	eP	P	06 35 00.8 +0.7
HDIL	comp=Z,2um,19.0s			LR	LR	
TX31	Lajitas Ar. Si	90.51	52	eP	P	06 35 00.6 -0.2
TX31	Lajitas Ar. Si	90.51	52	eP	P	06 35 01.6 +0.9
TXAR	Lajitas Ar. Si	90.51	52	P	P	06 35 01.0 +0.2
TXAR	comp=Z,3.7nm,0.7s,baz=293,slow=3.2,SNR=32			PKKpbc	PKKpbc	06 52 29.1 +2.1
TXAR	comp=Z,0.2nm,0.6s,baz=147,slow=6.4,SNR=6.1			LR	LR	07 16 08.2
T38A	Diamond baz=318	90.56	41	P	P	06 35 00.1 -0.7
TUL1	Leonard	90.58	43	P	P	06 35 00.4 -0.5
TUL1	Leonard comp=Z,54nm,1.1s	90.58	43	eP	P	06 35 00.1 -0.8
TUL1	comp=Z,2um,20.0s			LR	LR	
U37A	Salina baz=318	90.59	42	P	P	06 35 00.4 -0.4
S39A	Bolivar baz=319	90.59	40	P	P	06 34 59.9 -1.0
P42A	Winchester	90.66	37	P	P	06 35 00.5 -0.6
R40A	Maddies Statio baz=320	90.68	39	P	P	06 35 01.1 -0.2
Q41A	Truxton baz=319	90.70	38	P	P	06 35 01.1 -0.2
ABTX	Abilene, Hawle baz=315	90.73	48	P	P	06 35 01.4 -0.3
ABTX	Abilene, Hawle	90.73	48	PFAKE	LR	06 35 10.0 +8.3
N44A	Piper City baz=322	90.78	35	P	P	06 35 02.2 +0.5
HPIG	comp=Z,31nm,1.1s	90.81	55	eP	P	06 35 03.0 +0.6
HPIG	comp=Z,4um,19.0s			LR	LR	
U38A	Gravette baz=318	90.96	42	P	P	06 35 02.4 -0.3
V37A	Hulbert baz=318	90.96	43	P	P	06 35 02.6 -0.1
P43A	Skaggs, Pawnee baz=321	91.02	37	P	P	06 35 02.8 -0.1
N45A	Kenard baz=323	91.03	35	P	P	06 35 03.2 +0.3
T39A	Clever baz=319	91.06	41	P	P	06 35 02.6 -0.5
S40A	Lebanon baz=319	91.09	40	P	P	06 35 02.4 -0.9
RJF	Les Rejaudoux	91.10	333	eP	Pmax	06 35 02.5 -0.6
O44A	comp=Z,27nm,1.3s Mansfield	91.12	36	P	P	06 35 02.3 -1.0
R41A	Rosebud baz=320	91.13	39	P	P	06 35 02.9 -0.5
CAF	Calviac	91.22	332	eP	Pmax	06 35 03.3 -0.4
HHAR	Hobbs comp=Z,32nm,1.0s	91.31	42	eP	P	06 35 04.5 +0.1
HHAR	comp=Z,2um,20.0s			LR	LR	
N46A	Monticello baz=323	91.34	34	P	P	06 35 05.0 +0.7
V38A	Canehill baz=318	91.37	42	P	P	06 35 04.7 +0.1
CCM	Cathedral Cave baz=320	91.39	39	P	P	06 35 04.1 -0.5
CCM	Cathedral Cave	91.39	39	eP	Pmax	06 35 03.4 -1.1
CCM	comp=Z,56nm,1.1s			MLR	MLR	
CCM	comp=Z,2um,20.0s Cathedral Cave comp=Z,56nm,1.1s	91.39	39	eP	LR	06 35 03.4 -1.1
O45A	Potomac baz=322	91.40	35	P	P	06 35 04.5 -0.1
T40A	Mansfield baz=319	91.42	40	P	P	06 35 04.5 -0.3
R42A	Luebbering baz=320	91.44	39	P	P	06 35 04.8 -0.1
SLM	Saint Louis	91.45	38	PFAKE	LR	06 35 20.0 +1.5
S41A	Jillo Farms, baz=320	91.49	40	P	P	06 35 04.4 -0.7
U39A	Greif Forest baz=319	91.49	41	P	P	06 35 04.8 -0.3
AAM	Ann Arbor, baz=325	91.57	32	P	P	06 35 05.6 +0.3
AAM	Ann Arbor	91.57	32	PFAKE	LR	06 35 20.0 +1.5
P44A	comp=Z,3um,20.0s Sand Creek, Wi baz=322	91.59	36	P	P	06 35 04.2 -1.2
SFIN	Lafayette baz=323	91.59	35	P	P	06 35 04.8 -0.6
SFIN	Lafayette	91.59	35	PFAKE	LR	06 35 20.0 +1.5
LFF	comp=Z,2um,20.0s La Frestale	91.69	333	eP	Pmax	06 35 07.4 +1.6
VAE	Valguarnera	91.75	321	LR	LR	07 20 51.4
X37A	comp=Z,6um,18.1s,baz=22,slow=38	91.78	44	P	P	06 35 05.0 -1.4
X37A	Clayton baz=318	91.78	44	eP	P	06 35 07.1 +0.6
X37A	Clayton comp=Z,30nm,1.1s			LR	LR	
V39A	comp=Z,3um,19.0s Pettigrew baz=319	91.80	42	P	P	06 35 06.1 -0.6
S42A	Caledonia baz=320	91.83	39	P	P	06 35 06.4 -0.3
PLVO	Plevna	91.84	26	PFAKE	LR	06 35 20.0 +1.3
Q44A	comp=Z,4um,19.0s Meyer Farm, Va baz=322	91.84	37	P	P	06 35 07.0 +0.3
U40A	Yellville baz=319	91.84	41	P	P	06 35 06.2 -0.5
FVM	French Village	91.85	38	eP	Pmax	06 35 07.0 +0.3
FVM	comp=Z,46nm,1.4s			MLR	MLR	
FVM	comp=Z,2um,19.0s French Village comp=Z,46nm,1.4s	91.85	38	eP	LR	06 35 07.0 +0.3
R43A	Red Bud baz=321	91.88	38	P	P	06 35 06.6 -0.3
T41A	Mountain View baz=320	91.89	40	P	P	06 35 06.5 -0.5
W38A	Poteau baz=318	91.90	43	P	P	06 35 06.5 -0.5
P45A	Graceland, Par baz=322	91.96	36	P	P	06 35 07.7 +0.5
JCT	Junction City baz=315	92.14	49	P	P	06 35 07.7 -0.5
JCT	Junction City	92.14	49	eP	Pmax	06 35 07.8 -0.5
JCT	comp=Z,75nm,1.8s			MLR	MLR	
JCT	comp=Z,2um,22.0s Junction City comp=Z,75nm,1.8s	92.14	49	eP	LR	06 35 07.8 -0.5
P46A	Rosdale baz=323	92.14	36	P	P	06 35 08.3 +0.3
W39A	Magazine baz=318	92.21	42	P	P	06 35 08.0 -0.5

T42A	Van Buren baz=320	92.25	40	P	P	06 35 08.3 -0.3
Q45A	Warren Harvey, baz=322	92.26	37	P	P	06 35 08.1 -0.5
V40A	Whits Springs baz=319	92.27	41	P	P	06 35 08.0 -0.7
CLTB	Caltabellotta	92.28	321	PFAKE	LR	06 35 20.0 +1.1
R44A	Waltonville baz=322	92.32	38	P	P	06 35 08.6 -0.3
U41A	Viola baz=320	92.34	40	P	P	06 35 08.2 -0.9
S43A	Fulton Ridge, baz=321	92.35	39	P	P	06 35 08.2 -0.9
OLIL	Olney comp=Z,59nm,1.2s	92.42	37	eP	P	06 35 09.8 +0.5
OLIL	comp=Z,2um,19.0s			LR	LR	
WHTX	Lake Whitney, baz=316	92.47	47	P	P	06 35 09.6 -0.1

comp=Z,1.5nm,0.9s,baz=239,slow=5.9,SNR=3.1 PKPab PKPab 06 42 43.2 +0.8

ISCJB 14 06:35:09.0 0.4, 22:35S, 0:04, 177:89W, 0:07, h250km, mb3.9/13, Error ellipse: s-maj=9.2km s-min=5.2km az=9.7

WEL 14 06:35:18.0 1.1, 23:23S, 12:17, 6W4.4, h346km, 10km, ISC 14 06:35:10.1 0.6, 22:28S, 0:06, 178:01W, 0:09, h250km, n65, c238/68, mb3.9/13, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GLKZ Green Lake, AFI Afiamalu, DZM Mont Dzumac, etc.

MAN 14 06:49:03, 10:27N-123:33E, h1km, mb4.1, ML2.9, MS2.6, ID, Cebu

ISC 14 06:50:48.4, 38:72N, 43:21E, h27km, ML2.5/5, ISCJB 14 06:50:0.0 0.4, 38:74N, 0:02, 43:20E, 0:03, h9km, 4km, Error ellipse: s-maj=4.3km s-min=3.8km az=156.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VANB Van, TVAN Van, ERV Van, etc.

Table with columns: TATA Tutak, AGRB Hanur-Agry, AGRB Hanur-Agry, GURO Guromak-BITLI, etc.

MAN 14 06:51:06, 9:65N, 122:67E, h32km, mb4.7, ML3.5, MS3.4, 2C, Negroes

NEIC 14 06:52:35.5 0.0, 19:27N, 96:09W, h17km, mb4.8/1, MD4.5 (MEX), After MEX

NEIC Felt [IV] at Boca del Rio and Veracruz; [III] at Jalapa. Also felt at Acatingo, Coatepec, Cordoba, Itzaczoquitlan, La Antigua, Libres, Mendoza, Oaxaca and Tierra Blanca.

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

MAN 14 06:49:03, 10:27N-123:33E, h1km, mb4.1, ML2.9, MS2.6, ID, Cebu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu, GUIM Jordan, RCP Roxas, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like 448A Bay Minette, 347A Saraland, JTS JuntasAbangare, etc.

mb4.0/23, Error ellipse: s-maj=14.6km s-min=7.1km az=153.3
IDC 14 07:00:14.1, 2.5, 0.168N-93.51E, h117km, mb3.7/22, mb1 3.8/23, mb1mx3.6/71, mbtmp4.1/23, Error ellipse: s-maj=27.8km s-min=11.2km az=50.0
ISC 14 07:00:11.8-0.7, 10.50N-09.93E, 0.1, h100km, n41, a1504/39, mb4.0/23, Andaman Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data points.

IDC 14 07:06:01.0-0.7, 9.40S-117.51E, h0km, mb4.3/15, mb1 4.3/18, mb1mx4.1/59, mbtmp4.3/18, ML4.2/3, Error ellipse: s-maj=26.6km s-min=14.5km az=54.0
ISCJB 14 07:06:07.0-0.2, 9.55S-10.04E, 117.63E-0.03, h71km, mb4.3/27, Error ellipse: s-maj=6.5km s-min=3.5km az=24.9
NEIC 14 07:06:08.0-0.7, 9.61S-117.54E, h58km, mb4.3/16, Error ellipse: s-maj=9.9km s-min=5.5km az=211.0
DJA 14 07:06:09.4-0.3, 10.3-10.3, 118.8E, h10km, M4.9B, mb5.0/6, mb5.2/6, MLV5.0/8, MW(MB)4.5/6
ISC 14 07:06:09.2-0.4, 9.57S-10.05E, 117.57E-0.04, h71km, n107, a1591/112, mb4.3/27, D, Sumbawa region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data points.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data points.

NNC 14 07:10:43.8-1.7, 50.02N-78.78E, h0km, mb2.9, mpv2.5, Error ellipse: s-maj=51.7km s-min=5.0km az=73.0, Suspected Mining explosion.
IDC 14 07:10:44.8-1.1, 50.06N-78.74E, h0km, mb1.1-2.6/2, mb1mx2.5/71, mbtmp2.6/2, ML2.0/1, 4C-3, Eastern Andaman Islands region
Kazakhstan
KURBB Kurchatov Arra 0.58 347 Pp 07 10 55.9 +0.0
KURBB Kurchatov 1.16 353 Lg 07 10 57.3 -0.2

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data points.

NNC 14 07:28:14.9-8.0, 36.56N-70.56E, h0km, mb3.7, mpv3.4, 2C-5D, Error ellipse: s-maj=66.5km s-min=55.8km az=139.0, Hindu Kush region.
SFK Sufi-Kurgan 4.15 33 Pp 07 29 19.3 -0.4
SFK 2.2nm, 0.4s
SFK 3.9nm, 0.4s
MNAS Manas 6.10 14 Pp 07 29 47.1 +0.6
MNAS 3.4nm, 0.4s
KK31 1.0nm, 0.3s, baz=181, slow=13, SNR=42
AAK Ala-Archa 6.78 25 Pp 07 29 56.0 +0.2
AAK 3.5nm, 1.1s
AAK 2.8nm, 0.9s

ISCJB 14 07:28:26.3-0.8, 15.73N-07.05-119.70E, 0.08, h52km, 6km, mb4.0/17, Error ellipse: s-maj=12.6km s-min=8.0km az=167.6
MAN 14 07:28:29.15-9.2N, 120.04E, h8km, mb4.5, ML3.4, MS3.2
IDC 14 07:28:33.0-1.3, 15.91N-120.04E, h97km, 14km, mb3.6/15, mb1 3.7/16, mb1mx3.5/66, mbtmp3.9/16, Error ellipse: s-maj=20.9km s-min=11.5km az=69.0
ISC 14 07:28:27.5-0.9, 15.83N-07.04-119.75E, 0.08, h43km, 7km, n28, a193/36, mb4.1/17, 2C, Luzon

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data points.

ISCJB 14 07:33:12.3-0.4, 49.7S-0.1, 116.2W, 0.1, h10km, mb4.6/27, MS4.5/8, Error ellipse: s-maj=15.6km s-min=11.0km az=156.6
IDC 14 07:33:12.0-0.7, 49.56S-116.43W, h0km, mb4.1/10, mb1 4.3/10, mb1mx4.1/28, mbtmp4.1/10, MS4.5/8, MS1 4.3/8, ms1mx4.3/29, Error ellipse: s-maj=29.7km az=149.0
GCMT 14 07:33:13.0-0.3, 49.58S-116.31W, h2km, 1km, MW5.1/66, Moment Tensor Solution: s31, c37, s66, c90; Duration: 0. Moment tensor: Scale 10^19Nm; Mr1.68t.42; Mw1.19t.46; Best double couple: Mo5.484000e1016 NP1=281.00000, s84.00000, a7.00000. NP2=0.191.00000, s83.00000, a174.00000. Principal axes: T 4.6840, Plg9.0000, Azm146.0000; N 1.6000, Plg81.0000; Azm322.0000; P -6.2840, Plg1.0000, Azm56.0000; nst1a refers to body waves, cutoff=40s. nst2a refers to surface waves, cutoff=50s.

NEIC 14 07:33:13.0-0.1, 49.71S-0.1, 116.21W, h8km, 6km, mb4.6/18, Error ellipse: s-maj=15.7km s-min=10.9km az=159.0
ISC 14 07:33:14.3-0.5, 49.7S-0.1, 116.2W, 0.1, h10km, n69, a134/46, mb4.5/27, MS4.5/8, Southern East Pacific Rise

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data points.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Includes stations like Vanda, South Pole Qui, Zalesovo Beam, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Includes stations like Zalesovo Beam, Kurbb, Makanchi Array, etc.

IDC 14 08:11:22.9±5.4, 15N-86.42E, h0km, mb1 2.7/2, mb1mx2.6/7.6, mbtmp2.2/7.2, ML2.4/2, Error ellipse: s-maj=19.9km s-min=12.4km az=59.0, Southwestern Siberia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Includes stations like Zalesovo Beam, Kurbb, Makanchi Array, etc.

SJA 14 08:19:24.3±1.1, 34°93'S-71°71'W, h20km, 11km, ML3.9, MW3.8

ISCJB 14 08:19:26.3±0.3, 34°95'S-0°03'71.72W, 0.05, h61km, 3km, mb4-3/27, Error ellipse: s-maj=7.3km s-min=4.3km

IDC 14 08:19:27.0±0.8, 34°89'S-71°52'W, h52km, 7km, mb3.8/11, mb1 3.9/13, mb1mx3.8/3.7, mbtmp4.1/1.3, Error ellipse: s-maj=26.6km s-min=14.2km az=79.0

GUC 14 08:19:27.1±0.5, 34°95'S-71°68'W, h52km, 2km, ML4.2, NEIC 14 08:19:27.0±0.0, 34°95'S-71°68'W, h52km, mb4.5/2.3, ML4.2(GUC), Alter GUC.

NEIC Felt [V] at Curico and Romeral; [IV] at Constitucion; [III] at Chimbarrongo, Linares, Lolol, Paretones, Pencahue, Rancagua, San Fernando, San Javier, Santa Cruz and Talca; [II] at Litueche, Navidad and Pichilemu.

ISC 14 08:19:26.7±0.6, 34°94'S-0°03'71.71W, 0.04, h52km, 4km, n78, c1864/96, mb4.4/27, Near coast of central Chile

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Includes stations like Hualaeø, Los Niches, Pichilemu, Cobquecura, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Includes stations like South Pole Qui, Vanda, GOGA Godfrey, etc.

ISCJL 14 08:19:53.4±0.6, 10°36'S-0°02'161.09E, 0.02, h43km, 5km, mb6.1/469, MS5.9/89, Error ellipse: s-maj=3.4km s-min=2.5km az=171.6

BUL 14 08:19:54.4, 10°35'S-161°35'E, h60km, Mb5.7/66, mb6.0/73, Ms6.1/95, Ms7.6/0.87

GCMT 14 08:19:55.5±0.1, 10°44'S-161°13'E, h57km, MW6.4/152, Moment Tensor Solution. s152c391; s146c608;

Duration: 39 Moment tensor: Scale 10^18Nm; Mm2.45e-03; Mm-2.16e-02; Mm-0.29e-02; Mm-2.79e-02; Mm3.39e-02; Mm-0.58e-02; Best double couple: M4.578000x10^18; NP1=274.000000; 870.000000;

Principal axes: T 4.7220, P1g48.0000; Azm140.0000; N 0.5130, P1g38.0000; Azm291.0000; P -5.2360, P1g15.0000; Azm330.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

NEIC 14 08:19:55.5±0.1, 10°39'S-161°10'E, h51km, mb6.2/297, ME6.2, MW6.3, MW6.4, MW6.4 Error ellipse: s-maj=3.0km s-min=2.5km az=144.0, Moment Tensor Solution. s71

Moment tensor: Scale 10^18Nm; Mm2.06; Mm-0.52; Mm-1.54; Mm-2.24; Mm2.99; Mm-0.13; Best double couple: M4.578000x10^18; NP1=274.000000; 869.000000;

Principal axes: T 4.7220, P1g48.0000; Azm150.0000; N 0.4200, P1g40.0000; Azm305.0000; P -4.3700, P1g13.0000; Azm46.0000; Broadband fault plane solution: P waves. NP1=162.000000; 850.000000;

Principal axes: T 4.7220, P1g48.0000; Azm150.0000; N 0.5130, P1g38.0000; Azm291.0000; P -5.2360, P1g15.0000; Azm330.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

NEIC 14 08:19:55.5±0.1, 10°39'S-161°10'E, h51km, mb6.2/297, ME6.2, MW6.3, MW6.4, MW6.4 Error ellipse: s-maj=3.0km s-min=2.5km az=144.0, Moment Tensor Solution. s71

Moment tensor: Scale 10^18Nm; Mm2.06; Mm-0.52; Mm-1.54; Mm-2.24; Mm2.99; Mm-0.13; Best double couple: M4.578000x10^18; NP1=274.000000; 869.000000;

Principal axes: T 4.7220, P1g48.0000; Azm150.0000; N 0.4200, P1g40.0000; Azm305.0000; P -4.3700, P1g13.0000; Azm46.0000; Broadband fault plane solution: P waves. NP1=162.000000; 850.000000;

Principal axes: T 4.7220, P1g48.0000; Azm150.0000; N 0.5130, P1g38.0000; Azm291.0000; P -5.2360, P1g15.0000; Azm330.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

NEIC 14 08:19:57.9±0.8, 10°36'S-161°17'E, h75km, 6km, mb5.8/45, mb1 5.8/47, mb1mx5.8/49, mbtmp6.1/47, MS5.8/39, Ms1 5.8/39, ms1mx5.8/44, Error ellipse: s-maj=8.5km s-min=6.5km az=52.0

NEIC 14 08:19:58.0±0.0, 10°29'S-161°16'E, h60km, Moment Tensor Solution. s77 Moment tensor: Scale 10^18Nm; Mm2.03; Mm-1.68; Mm-0.35; Mm-2.81; Mm-0.94;

Best double couple: M4.400000; 1019 NP1=273.000000; 870.000000; 146.000000; Principal axes: T 4.3700, P1g45.0000; Azm138.0000; N 0.8600, P1g41.0000; Azm291.0000; P -5.2300, P1g14.0000; Azm330.0000;

ISC 14 08:19:57.5±0.3, 10°37'S-0°03'161.9E, 0.03, h69km, 2km, h70km; pp-P, n1747, c1851/2006, mb6.2/474, 67C-37D, Bougainville-Solomon Islands region

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

JMA 14 07:36:23.9±0.2, 37°19'N-143°99'E, h33km, M3.5, Off east coast of Honshu

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

IDC 14 07:57:05.1±3.0, 53°71'N-87°07'E, h0km, mb1 2.7/2, mb1mx2.6/7.1, mbtmp2.2/7.2, ML2.4/2, Error ellipse: s-maj=30.1km s-min=16.9km az=58.0, Southwestern Siberia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Includes stations like Zalesovo Beam, Kurbb, Makanchi Array, etc.

IDC 14 08:06:48.8±2.6, 54°14'N-86.44E, h0km, mb1 2.9/2, mb1mx2.7/7.8, mbtmp2.2/7.2, ML2.6/2, Error ellipse: s-maj=20.3km s-min=12.6km az=60.0, Southwestern Siberia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Includes stations like Zalesovo Beam, Kurbb, Makanchi Array, etc.

IDC 14 08:06:48.8±2.6, 54°14'N-86.44E, h0km, mb1 2.9/2, mb1mx2.7/7.8, mbtmp2.2/7.2, ML2.6/2, Error ellipse: s-maj=20.3km s-min=12.6km az=60.0, Southwestern Siberia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Includes stations like Zalesovo Beam, Kurbb, Makanchi Array, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like BTM Bintulu, PMOR Pomariorio Ree, UGM Wanagama, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like PMBI Palembang, KUR Kuril'sk, MDSI Maura Dua, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like DL2 Dalian, IPM Ipo, MDJ Mudanjiang, etc.

BJT	comp=Z,228nm,1.1s,comp=Z,4um	65.20 323	eP	P	08 30 32.0 +0.4
BUT	Baijiatou			pmax	
BJT	comp=Z,355nm,1.7s	65.20 323	eP	P	08 30 31.9 +0.4
BJI	Baijiatou				
BJI	Beijing	65.21 323	eP	P	08 30 32.4 +0.8
BJI			pP	pP	08 30 51.4 +1.5
BJI			sP	sP	08 30 54.8 -2.8
BJI			S	S	08 39 07.8 -1.8
BJI	comp=Z,66nm,2.6s			pmax	
BJI	comp=Z,8um,25.8s			LR	LR
BJI	comp=Z,3um,29.4s			LR	LR
CASY	Casey	65.42 200	eP	P	08 30 32.3 -0.3
NKL	Nikolayevsk	65.65 347	eP	P	08 30 33.0 -1.2
NKL			eS	S	08 30 50.0
NKL			e	S	08 39 14.0 -0.5
NKL			e		08 43 24.0
NKL	comp=N,60nm,1.0s			pmax	pmax
NKL	comp=E,22nm,1.0s			pmax	pmax
NKL	comp=Z,23nm,1.0s			pmax	pmax
NKL	comp=N,700nm,4.0s			pmax	pmax
NKL	comp=Z,2um,4.0s			smax	smax
NKL	comp=N,3um,14.0s			smax	smax
NKL	comp=E,4um,14.0s			smax	smax
LHMI	Lhok Sumawe	65.82 281	P	P	08 30 37.7 +1.6
LHMI	comp=Z,377nm,0.9s,comp=E,6um				
LHMI	Lhok Sumawe	65.82 281	eP	P	08 30 37.0 +0.8
LHMI	comp=E,319nm,0.9s				
TIY	Taiyuan	66.08 319	eP	P	08 30 40.3 +2.9
TIY			pP	pP	08 30 56.1 +0.4
TIY			PP	PP	08 30 07.9 +3.5
TIY			S	S	08 39 19.4 -1.2
TIY			SS	SS	08 43 42.0 +4.4
TIY	comp=E,2um,8.7s			LR	LR
TIY	comp=E,4um,16.3s			LR	LR
TIY	comp=E,3um,19.2s			LR	LR
MLSI	Meulaboh, Aceh	66.12 279	P	P	08 30 37.1 -1.0
SRDT	SRDT	66.26 291	P	P	08 30 46.2 +7.3
XAN	Xi'an	66.40 314	P	P	08 31 08.0 -1.6
XAN			pP	pP	08 30 58.0 +0.1
XAN			sP	sP	08 31 04.8 -0.8
XAN			PP	PP	08 33 09.3 +2.6
XAN			S	S	08 39 22.3 -2.3
XAN			sS	sS	08 39 49.9 +3.5
XAN			ScS	ScS	08 40 28.4 -1.7
XAN			pmax	pmax	08 43 38.8 -3.9
XAN	comp=E,79nm,1.0s			pmax	pmax
XAN	comp=E,1um,4.9s			LR	LR
XAN	comp=E,5um,20.0s			LR	LR
XAN	comp=E,6um,21.9s			LR	LR
XAN	comp=E,9um,22.7s			LR	LR
KMI	Kunming	66.97 303	P	P	08 30 46.3 +2.7
KMI			pP	pP	08 31 01.8 -0.1
KMI			sP	sP	08 31 08.0 -1.6
KMI			PP	PP	08 33 15.5 +3.5
KMI			S	S	08 39 32.4 +0.3
KMI			sS	sS	08 39 57.7 +3.8
KMI			SKS	SKS	08 40 31.1 -4.1
KMI			SS	SS	08 43 51.8 -0.4
KMI	comp=E,100nm,1.5s			pmax	pmax
KMI	comp=E,1um,4.5s			LR	LR
KMI	comp=E,2um,21.4s			LR	LR
KMI	comp=E,5um,24.7s			LR	LR
KMI	comp=E,9um,25.6s			LR	LR
VNDA	Vanda	67.13 180	P	P	08 30 43.6 +0.2
VNDA	comp=Z,232nm,1.0s,baz=343,slo=6.7,SNR=77			LR	LR
VNDA	comp=E,16um,21.8s,baz=3.0,slo=31			LR	LR
VNDA	Vanda	67.13 180	eP	P	08 30 43.8 +0.4
VNDA	Vanda	67.13 180	eP	P	08 30 43.8 +0.4
SBA	Scott Base	67.53 179	eP	P	08 30 47.8 +1.9
SBA	comp=Z,608nm,1.1s			pmax	pmax
SBA	Scott Base	67.53 179	eP	P	08 30 47.8 +1.9
CM01	Chiang Mai Arr	67.73 295	eP	P	08 30 48.4 +0.2
CM31	Chiang Mai Arr	67.75 295	eP	P	08 30 48.6 +0.2
CMAR	Chiang Mai Arr	67.75 295	eP	P	08 30 48.6 +0.3
CMAR	comp=Z,6.4nm,0.8s,baz=122,slo=4.5,SNR=74			PKP2bc	
CMAR	comp=Z,6.4nm,0.8s,baz=284,slo=4.0,SNR=6.8			LR	LR
CMAR	comp=Z,2um,19.2s,baz=108,slo=3			LR	LR
CMAR	Chiang Mai Arr	67.75 295	iP	P	08 30 48.7 +0.3
CMAR	comp=Z,63nm,0.9s			pmax	pmax
CMMT	Chiang Mai	67.87 295	P	P	08 30 47.6 -1.5
CHTO	Chiang Mai	67.87 295	P	P	08 30 48.7 -0.4
CHTO	comp=Z,397nm,0.8s,comp=Z,10um				
CHTO	Chiang Mai	67.87 295	eP	P	08 30 49.0 -0.1
CHTO			pmax	pmax	
CHTO	comp=Z,77nm,0.9s			P	P
CHTO	Chiang Mai	67.87 295	eP	P	08 30 49.0 -0.1
HHC	Hu-ho-hao-te	68.47 322	eP	PP	08 30 54.4 +1.9
HHC			PP	PP	08 33 29.3 +4.7
HHC			S	S	08 39 52.1 +2.8
HHC			SS	SS	08 44 19.8 +5.2
HHC	comp=Z,1um,6.2s			pmax	pmax
HHC	comp=Z,6um,22.2s			LR	LR
HHC	comp=Z,5um,19.7s			LR	LR
HHC	comp=Z,3um,24.7s			LR	LR
CD2	Chengdu	68.67 309	P	P	08 30 54.0 +0.1
CD2			sP	P	08 31 15.0 -3.0
CD2			PP	PP	08 33 26.4 0.0
CD2			S	S	08 39 50.4 -1.4
CD2			sS	sS	08 40 20.5 -2.6
CD2	comp=Z,160nm,1.1s			pmax	pmax
CD2	comp=Z,4um,13.2s			pmax	pmax
CD2	comp=Z,7um,24.0s			LR	LR
CD2	comp=Z,12um,32.4s			LR	LR
BTO	Baotou	69.28 321	eP	P	08 30 57.8 +0.2
UNV	Unalaska Valle	69.59 20	eP	P	08 31 00.4 +1.4
HIA	Hailar	69.64 332	eP	P	08 30 59.4 -0.1
HIA	comp=Z,323nm,0.9s			pmax	pmax
HIA	Hailar	69.64 332	eP	P	08 30 59.4 -0.1
HIA	comp=Z,323nm,0.9s			pmax	pmax
ZEA	Zeya	70.06 339	eP	P	08 31 02.5 +0.6
ZEA			eS	S	08 40 10.0 +2.8
ZEA			eSS	SSS	08 40 38.0 -5.0
ZEA			e	pmax	pmax
ZEA	comp=N,210nm,1.0s			pmax	pmax
ZEA	comp=E,59nm,1.0s			pmax	pmax

ZEA	comp=Z,330nm,1.0s			pmax	pmax
ZEA	comp=Z,4um,10.0s			pmax	pmax
ZEA	comp=E,900nm,12.0s			pmax	pmax
ZEA	comp=Z,1um,14.0s			smax	smax
ZEA	comp=E,3um,10.0s			smax	smax
ZEA	comp=Z,1um,10.0s			smax	smax
ZEA	comp=N,900nm,11.0s			smax	smax
AKUT	Akutan	70.08 20	eP	P	08 31 02.6 +0.7
MA2	Magadan	70.21 354	P	P	08 31 02.1 -0.6
MA2	comp=N,240nm,0.8s,baz=155,slo=6.1,SNR=64				
LZH	Lanzhou	70.21 354	iP	P	08 31 01.1 -1.6
LZH		71.03 314	iP	P	08 31 10.4 +2.0
LZH			pP	P	08 31 28.1 -0.3
LZH			sP	S	08 31 35.5 +0.9
LZH			PP	PP	08 33 51.3 +4.5
LZH			S	S	08 40 21.0 +1.5
LZH			sS	sS	08 40 49.0 -2.0
LZH	comp=N,87nm,1.2s			pmax	pmax
LZH	comp=N,760nm,8.5s			pmax	pmax
LZH	comp=N,4um,18.4s			LR	LR
LZH	comp=N,5um,17.4s			LR	LR
LZH	comp=N,8um,19.0s			LR	LR
SPIA	Saint Paul Isl	71.30 16	eP	P	08 31 09.6 +0.3
PBA	Port Blair	71.45 286	eP	P	08 31 09.4 -1.7
FALS	False Pass	71.47 21	eP	P	08 31 10.7 +0.3
DGPR	DIGLIPUR	71.67 288	eP	P	08 31 12.3 -0.1
DGPR	comp=N,94nm,0.4s			iAmb	iAmb
MIR	Mirny	71.92 203	iP	P	08 31 08.0 -5.0
MIR			e	P	08 31 28.0
MIR			e	pmax	pmax
MIR	comp=Z,1um,2.0s			pmax	pmax
MIR	comp=Z,8um,10.0s			pmax	pmax
SDPT	Sand Point	72.90 22	eP	P	08 31 18.8 -0.1
SDPT	comp=Z,448nm,0.7s				
CLNS	Chul'man	73.36 340	eP	P	08 31 22.7 +1.0
CLNS			e	P	08 31 36.5
CLNS			e'PP	pP	08 31 41.4 +1.1
CLNS			e	P	08 34 05.3
CLNS			ePPP	PPP	08 35 52.8
CLNS			eS	SKIKP	08 40 46.5 -0.1
CLNS			e		08 41 44.8
CLNS	comp=Z,130nm,0.7s			pmax	pmax
CLNS	comp=N,48nm,0.8s			pmax	pmax
CLNS	comp=E,35nm,0.8s			pmax	pmax
CLNS	comp=E,16nm,0.9s			pmax	pmax
CLNS	comp=N,34nm,1.0s			pmax	pmax
CLNS	comp=Z,14nm,1.0s			smax	smax
CLNS	comp=E,2um,12.3s			smax	smax
CLNS	comp=N,1um,9.5s			MLR	MLR
CLNS	comp=E,1um,21.0s			MLR	MLR
CLNS	comp=Z,2um,17.0s			MLR	MLR
CLNS	comp=N,898nm,14.0s			MLR	MLR
SEY	Seymchan	73.40 356	P	P	08 31 21.6 -0.1
SEY	comp=N,198nm,0.9s,baz=154,slo=5.3,SNR=92				
SEY	Seymchan	73.40 356	eP	P	08 31 20.7 -1.0
CHGN	Chignik	74.39 22	eP	P	08 31 27.4 -0.2
CHGN	comp=N,219nm,0.8s				
CIT	Chita	74.39 332	eP	P	08 31 28.3 +0.4
CIT			e	P	08 31 40.2
CIT			e	P	08 31 48.6
CIT			e	P	08 31 55.4
CIT			e	P	08 41 01.8
CIT	comp=Z,486nm,2.3s			pmax	pmax
ULN	Ulanbaatar	75.17 326	eP	P	08 31 32.6 0.0
ULN	comp=Z,312nm,1.7s			i'PP	pP
ULN	Ulanbaatar	75.17 326	eP	P	08 31 32.6 +0.6
ULN	comp=Z,273nm,1.1s			pmax	pmax
GTA	Gaotai	75.40 315	eP	P	08 31 34.3 +0.2
GTA			pP	P	08 31 47.6 +0.6
GTA			pP	P	08 31 52.5 -0.3
GTA			S	S	08 41 08.8 -0.1
GTA			ScS	ScS	08 41 40.4 -1.2
GTA	comp=Z,1um,8.1s			pmax	pmax
GTA	comp=Z,4um,22.3s			LR	LR
GTA	comp=Z,4um,21.9s			LR	LR
GTA	comp=Z,5um,23.8s			LR	LR
SONA0	Songino Array	75.52 325	eP	P	08 31 34.6 0.0
SONA0			ePKKPbc	PKKPbc	08 51 06.9 +1.0
SONA0			eP'P'df	P'P'df	08 58 56.8 +1.8
SONA0			e	P	08 31 34.6 0.0
SONM	Songino Array	75.52 325	eP	P	08 31 34.6 0.0
SONM	comp=Z,144nm,0.7s,baz=139,slo=5.5,SNR=141			PKKPbc	PKKPbc
SONM	comp=Z,0.6nm,0.8s,baz=291,slo=2.9,SNR=4.0			PKPPKP	P'P'df
SONM	comp=Z,1.1nm,0.8s,baz=298,slo=3.2,SNR=3.9			LR	LR
SONM	comp=Z,5um,21.8s,baz=117,slo=35			LR	LR
SONA1	Songino Array	75.53 325	eP	P	08 31 34.8 +0.2
BRDH	Baridhala	75.58 297	P	P	08 31 35.9 +0.6
BRDH	comp=N,111nm,0.5s,baz=267,slo=16,SNR=12			LR	LR
BRDH	comp=Z,2um,21.5s,baz=141,slo=35			P	P
YAK	Yakutsk	76.25 345	P	P	08 31 37.8 -0.3
YAK	comp=Z,715nm,0.8s,baz=147,slo=0.2,SNR=54			LR	LR
YAK	comp=Z,16um,21.8s,baz=90,slo=34			LR	LR
YAK	Yakutsk	76.25 345	eP	P	08 31 37.7 -0.5
YAK			e	P	08 31 44.9
YAK			e'PP	pP	08 31 57.7 +0.8
YAK			e	P	08 34 26.1
YAK			eS	S	08 41 15.1 -1.8
YAK			e	S	08 41 43.0
YAK			e'SS	sS	08 41 54.4 +5.7
YAK	comp=Z,599nm,0.9s			pmax	pmax
YAK	comp=E,36nm,0.8s			pmax	pmax
YAK	comp=N,49nm,0.9s			pmax	pmax
YAK	comp=Z,131nm,1.5s			pmax	pmax
YAK	comp=E,103nm,1.4s			pmax	pmax
YAK	comp=N,128nm,1.8s			smax	smax
YAK	comp=E,3um,8.9s			smax	smax
YAK	comp=N,2um,6.9s			smax	smax
SHL	Shilong	76.28 300	eP	P	08 31 38.0 -0.2
SHL			e	P	08 31 38.0 -1.4
GAMB	Gambell	76.77 12	eP	P	08 31 40.9 -0.1
KDAK	Kodiak Island	77.67 23	P	P	08 31 46.5 +0.3
KDAK	comp=N,590nm,0.8s,baz=236,slo=4.8,SNR=62				
KDAK	Kodiak Island	77.67 23	iP	P	08 31 46.1 -0.1

Table with multiple columns containing names, dates, and various codes (e.g., PKPdf, SKKPbc, DRGR, MBAR, KECS, DEV, LANS, LANS, Ostrava-Krasne, etc.).

Table with columns: JAN, Janina, 134.30 316, P, PKPdf, 08 39 07.9 +0.1, MORF, Marneleto, 151.66 343, eP, AMS, 08 39 38.9 +0.7, 7.7nm,0.3s, SFK, 8.5nm,0.3s, 5.93 15, 11n, Sn, 09 25 18.9 +2.1

Table with columns: MORF, Marneleto, 151.66 343, eP, AMS, 08 39 38.9 +0.7, 7.7nm,0.3s, SFK, 8.5nm,0.3s, 5.93 15, 11n, Sn, 09 25 18.9 +2.1

Table with columns: SFK, 7.7nm,0.3s, 8.5nm,0.3s, 5.93 15, 11n, Sn, 09 25 18.9 +2.1, 1.1nm,0.5s, MNAS, 5.7nm,0.7s, KK31, Karatay Array, 6.32 1, 11n, Pn, 09 25 00.8 +1.2

SDCO	Great Sand Dun	9.72	52	P	Pn	10 11 48.7	+0.7
SDCO	Great Sand Dun	9.72	52	ePn	Pn	10 11 49.0	+0.9
003D	Paynes Creek	9.74	329	P	Pn	10 11 48.5	+0.4
020A	White River Ci	9.76	33	P	Pn	10 11 49.5	+1.0
020A	White River Ci	9.76	33	ePn	Pn	10 11 48.0	-0.5
HPIG		9.77	120	ePn	Pn	10 11 50.4	+1.7
HVU	Hansel Valley	9.82	11	ePn	Pn	10 11 52.0	+2.7
HVU	Hansel Valley	9.82	11	ePn	Pn	10 11 52.0	+2.7
MHTCO	State Highway	9.98	57	ePn	Pn	10 11 52.6	+1.1
KCPM	Cahto Peak	10.16	320	ePn	Pn	10 11 56.1	+2.3
T25A	Trinidad	10.18	58	P	Pn	10 11 55.9	+1.6
T25A	Trinidad	10.18	58	ePn	Pn	10 11 56.1	+1.8
TX31	Lajitas Ar. Si	10.29	103	ePn	Pn	10 11 56.7	+1.0
TXAR	Lajitas Array	10.29	103	Pn	Pn	10 11 56.7	+1.0
TXAR	comp=Z,5.7nm,0.3s,baz=284,slow=12,SNR=313			Lg	Lg	10 14 49.4	
TXAR	comp=Z,1.1nm,0.3s,baz=295,slow=29,SNR=4.0			LR	LR	10 16 19.5	
TXAR	comp=Z,3um,18.2s,baz=0.0,slow=40			LR	LR	10 16 19.5	
MOD	Mudoc Plateau	10.57	339	ePn	Pn	10 12 04.2	+4.6
MXST	Muleshoe	10.58	77	P	Pn	10 12 00.3	+0.7
MXST	baz=283,SNR=38						
MSTX	Muleshoe	10.58	77	ePn	Pn	10 12 01.0	+1.4
Q24A	Divide	10.64	47	ePn	Pn	10 12 02.1	+1.5
WVOR	Wild Horse Val	10.64	346	eP	Pn	10 12 02.8	+2.2
WVOR	Wild Horse Val	10.64	346	ePn	Pn	10 12 02.8	+2.2
N02D	Trinity Center	10.69	328	Pn	Pn	10 12 02.9	+1.7
ISCO	Idaho Springs	10.89	43	P	Pn	10 12 04.8	+0.8
ISCO	baz=228,SNR=26						
ISCO	Idaho Springs	10.89	43	ePn	Pn	10 12 07.3	+3.2
M04C	Macdoel	11.00	333	P	Pn	10 12 06.6	+1.1
M02C	Callahan	11.10	329	P	Pn	10 12 06.5	-0.2
AHID	Auburn Hatcher	11.10	16	ePn	Pn	10 12 05.7	-1.2
MFHD	Camas Ranch	11.28	358	ePn	Pn	10 12 12.7	+3.5
YBIF	Yreka Blue Hor	11.31	330	ePn	Pn	10 12 14.8	+5.2
YBIF	comp=Z,0.2nm,0.3s,baz=146,slow=10,SNR=35						
YBH	comp=Z,0.2nm,0.3s,baz=61,slow=19,SNR=6.2			Lg	Lg	10 15 26.6	
YBH	comp=Z,912nm,18.2s,baz=284,slow=39			LR	LR	10 16 51.3	
HLID	Hailey	11.43	3	P	Pn	10 12 11.0	-0.3
HLID	baz=183,SNR=30						
HLID	Hailey	11.43	3	ePn	Pn	10 12 15.5	+4.1
N23A	Red Feather La	11.47	38	P	Pn	10 12 12.0	+0.1
N23A	Red Feather La	11.47	38	ePn	Pn	10 12 15.4	+3.5
RWWY	Rawlins	11.47	31	ePn	Pn	10 12 15.0	+3.0
J08A	Circle Bar Ran	11.51	348	ePn	Pn	10 12 17.8	+5.5
K05A	Summer Lake	11.51	338	ePn	Pn	10 12 17.7	+5.4
BW06	Boulder Array	11.52	21	ePn	Pn	10 12 14.6	+2.0
PD31	Pinedale Array	11.52	21	ePn	Pn	10 12 14.7	+2.1
PDAR	Pinedale Array	11.52	21	Pn	Pn	10 12 15.2	+2.6
PDAR	comp=Z,0.2nm,0.3s,baz=205,slow=9.6,SNR=15						
PDAR	comp=Z,0.2nm,0.3s,baz=201,slow=22,SNR=3.8			Lg	Lg	10 15 30.6	
PDAR	Pinedale Array	11.52	21	ePn	Pn	10 12 14.3	+1.8
AMTX	Amarillo	11.60	73	P	Pn	10 12 14.3	+0.7
AMTX	baz=260						
K04D	Chiloquin, OR	11.70	335	P	Pn	10 12 13.8	+0.2
K04D	baz=152,SNR=6.3						
REDW	Red Top Meadow	11.72	16	ePn	Pn	10 12 19.1	+3.7
TPAW	Teton Pass	11.82	15	ePn	Pn	10 12 19.9	+3.1
SNOW	Snow King Moun	11.84	16	ePn	Pn	10 12 18.6	+1.6
FXWY	Fox Creek	11.95	15	ePn	Pn	10 12 22.0	+3.6
L02D	Cave Junction,	12.05	329	P	Pn	10 12 20.6	+1.0
MOOW	Moose Ponds	12.11	16	ePn	Pn	10 12 24.0	+3.3
J05D	Fort Rock, OR	12.12	338	P	Pn	10 12 25.4	+4.7
J05D	baz=155,SNR=61						
HUMO	Hull Mountain	12.14	332	ePn	Pn	10 12 26.7	+5.8
IMW	Indian Meadow	12.21	15	ePn	Pn	10 12 25.8	+3.7
KSC0	Kaye Sheddock	12.31	53	P	Pn	10 12 23.0	-0.3
KSC0	baz=240,SNR=9.8						
KSC0	Kaye Sheddock	12.31	53	ePn	Pn	10 12 26.9	+3.6
J04D	Umpqua Nationa	12.37	336	P	Pn	10 12 24.5	+0.3
J04D	baz=152,SNR=12						
I07A	Casper	12.40	345	ePn	Pn	10 12 25.6	+1.0
K22A	Casper	12.55	31	P	Pn	10 12 27.1	+0.5
K22A	baz=216						
YPP	Pitchstone Pla	12.60	15	ePn	Pn	10 12 27.9	+1.3
YFT	Old Faithful	12.76	14	ePn	Pn	10 12 31.3	+3.9
H17A	Grant Village	12.77	15	P	Pn	10 12 30.0	+0.3
H17A	baz=198						
BMO	Blue Mountains	12.77	15	ePn	Pn	10 12 29.9	+0.3
KEBM	Edson Butte	12.84	329	ePn	Pn	10 12 30.0	+0.4
YMR	Madison Lake	12.85	16	ePn	Pn	10 12 36.5	+4.4
I04A	Tendick Farm,	12.96	336	P	Pn	10 12 35.1	+3.0
I04A	baz=152,SNR=31						
LKWY	Lake	12.97	15	ePn	Pn	10 12 34.0	+1.6
LKWY	Lake	12.97	15	ePn	Pn	10 12 34.0	+1.6
VHB	Horse Butte	12.98	15	ePn	Pn	10 12 36.5	+4.2
YNR	Norris Junction	13.05	14	ePn	Pn	10 12 38.0	+4.5
I05D	Terrebonne, OR	13.11	340	P	Pn	10 12 35.7	+1.6
ABTX	Ablene, Hawle	13.15	84	P	Pn	10 12 35.4	+0.6
ABTX	baz=272,SNR=17						
ABTX	Ablene, Hawle	13.15	84	ePn	Pn	10 12 37.0	+2.3
I03D	Drain, OR	13.21	333	P	Pn	10 12 37.4	+1.9
JCT	Junction City	13.26	93	P	Pn	10 12 37.8	+1.5
JCT	baz=285,SNR=56						
JCT	Junction City	13.26	93	ePn	Pn	10 12 38.5	+2.3
JCT	Junction City	13.26	93	ePn	Pn	10 12 38.5	+2.3
DLMT	Pilot	13.36	8	ePn	P	10 12 42.7	-4.6
G06A	Pillar Rock	13.46	348	ePn	Pn	10 12 44.5	-3.9
H04A	Detroit Lake	13.48	338	ePn	Pn	10 12 46.0	+3.8
BOZ	Bozeman (W)	13.73	11	Pn	Pn	10 12 45.6	+2.9
BOZ	baz=193,SNR=14						
BOZ	Bozeman (W)	13.73	11	ePn	Pn	10 12 46.1	+3.5
BOZ	Bozeman (W)	13.73	11	ePn	Pn	10 12 46.1	+3.5
OGNE	Ogallala	13.74	47	P	Pn	10 12 43.1	+0.3
OGNE	baz=294						
OGNE	Ogallala	13.74	47	ePn	Pn	10 12 42.6	-0.2
G06A	Carlson Farm,	13.77	344	ePn	Pn	10 12 47.8	-3.8
RLMT	Red Lodge	13.78	18	P	Pn	10 12 44.5	+1.3
RLMT	baz=202,SNR=21						
RLMT	Red Lodge	13.77	18	ePn	Pn	10 12 44.9	+1.7
F10A	Beach Ranch, E	13.91	354	ePn	Pn	10 12 49.7	-3.6
G05D	Wamic, OR	13.93	342	P	Pn	10 12 45.9	+0.5
WMOK	Wichita Mounta	13.94	75	P	Pn	10 12 45.3	-0.3
WMOK	baz=264,SNR=21						
WMOK	Wichita Mounta	13.94	75	ePn	Pn	10 12 46.2	+0.6
WMOK	Wichita Mounta	13.94	75	ePn	Pn	10 12 46.2	+0.6
U32A	Winter Ranch,	14.04	68	ePn	Pn	10 12 48.0	+1.2
U32A	baz=257						
U32A	Winter Ranch,	14.04	68	ePn	Pn	10 12 50.6	+3.7
833A	Chaparral WMA,	14.17	101	P	Pn	10 12 47.8	-0.8
F07A	Phinny Hill Vi	14.23	346	ePn	Pn	10 12 53.5	-3.2
CBK3	Cedar Bluff	14.23	58	P	Pn	10 12 49.8	+0.2
G03D	McMinnville,	14.49	337	P	Pn	10 12 54.2	+1.1
G03D	baz=152						
E09A	Wood Farm, Sta	14.54	352	ePn	P	10 12 57.5	-2.7
ZAIG	Zacatecas	14.56	127	ePn	P	10 12 57.9	-3.0
E08A	Dider Farm, El	14.65	349	ePn	P	10 12 59.4	-2.0
MSO	Missoula	14.71	3	P	Pn	10 12 58.3	+2.2
MSO	baz=184,SNR=31						
MSO	Missoula	14.71	3	ePn	Pn	10 12 59.4	-2.8
RSSD	Black Hills	14.82	33	P	Pn	10 12 57.3	-0.4
RSSD	baz=220						
RSSD	Black Hills	14.82	33	ePn	Pn	10 12 57.7	0.0
RSSD	Black Hills	14.82	33	ePn	Pn	10 12 57.7	0.0
E07A	Sunnyside	14.85	347	ePn	Pn	10 13 02.2	+1.5
WHTX	Lake Whitney,	15.04	86	P	Pn	10 13 01.2	+0.7
WHTX	baz=275,SNR=16						
WHTX	Lake Whitney,	15.04	86	ePn	Pn	10 13 00.6	+0.2
WHTX	comp=Z,80nm,0.9s						
435B	Janrel	15.08	90	P	Pn	10 13 01.3	+0.3
435B	baz=280,SNR=7.4						
D08A	Wollman Farm,	15.18	350	ePn	Pn	10 13 04.7	+2.4
D08A	comp=Z,84nm,1.5s						
LON	Longmire	15.46	343	eP	P	10 13 09.5	-1.0
LON	comp=Z,124nm,1.3s			pmax	pmax		
LON	Longmire	15.46	343	ePn	Pn	10 13 09.5	-1.0
LNIG	Linares	15.57	114	ePn	Pn	10 13 08.6	+1.0
LNIG	comp=Z,55nm,1.7s						
OK020	H40 Road, Me	15.59	72	ePn	Pn	10 13 08.4	+0.7
OK020	comp=Z,38nm,0.8s						
T34A	McClaskey Far	15.60	67	P	Pn	10 13 08.4	+0.6
T34A	baz=257,SNR=9.4						
V35A	Bowley Ranch, C	15.65	72	P	Pn	10 13 08.9	+0.5
V35A	baz=262,SNR=9.0						
V35A	Meyer Ranch, C	15.65	72	ePn	Pn	10 13 09.3	+0.9
V35A	comp=Z,49nm,0.6s						
LTY	Liberty	15.68	346	ePn	P	1	

Table with columns: Call sign, Name, Azimuth, Elevation, Power, Mode, Frequency, and other parameters. Includes stations like COWI, FFC, S48A, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Power, Mode, Frequency, and other parameters. Includes stations like SDV, TULEG, SUMG, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Power, Mode, Frequency, and other parameters. Includes stations like KSH, W1, ASAR, etc.

ISCJ 14 10:13:08.5:0.6, 19:61S; 70:77W, h35km, 5km, ML3.8, ISCJB 14 10:13:09.6: 1.2, 19:58S; 0:04; 70:7V:0.1, h46km, 11km, mb3.75, Error ellipse: s-maj=16.7km s-min=6.1km az=1.2

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Mode, Frequency, and other parameters. Includes stations like PISAGUA, MINYE MINYE, etc.

ISCJ 14 10:19:09.0: 1.0, 32:19N; 0:04; 115:13W, 0:08, h23km, 6km, Error ellipse: s-maj=12.0km s-min=6.7km az=164.4

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Mode, Frequency, and other parameters. Includes stations like MEXICALI, CERRO PRIETO, etc.

ISCJ 14 10:45:01.7: 0.6, 32:15N; 0:02; 115:18W, 0:03, h12km, 4km, Error ellipse: s-maj=4.3km s-min=3.7km az=32.8

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Mode, Frequency, and other parameters. Includes stations like MEXICALI, CERRO PRIETO, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other parameters. Includes stations like LAO, LAO, FURC, TPNV, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other parameters. Includes stations like N23A, AGMN, D31A, C32A, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other parameters. Includes stations like J31A, VOIR, VOIR, H33A, etc.

E39A	comp=Z,45nm,0.9s	81.51	35	P	P	11 00 34.5	-0.8
NKC	baz=320,SNR=6.9	81.55	331	eP	P	11 00 35.2	-0.3
NKC	Novy Kostel	81.57	40	eP	P	11 00 35.1	-0.7
J35A	Milford	81.57	40	eP	P	11 00 35.1	-0.7
K34A	Le Mars	81.62	41	P	P	11 00 35.4	-0.6
BNM	baz=317,SNR=5.2	81.64	53	eP	P	11 00 37.3	+0.8
I36A	Barren Site	81.67	39	P	P	11 00 35.6	-0.6
F39A	Fitzsimmons Fa	81.70	36	P	P	11 00 35.5	-0.8
E40A	Loretta	81.75	35	P	P	11 00 36.3	-0.3
H37A	Wakefield	81.78	38	P	P	11 00 36.4	-0.4
G38A	Dierke Farm, C	81.84	37	P	P	11 00 36.2	-0.9
D41A	Ridgelead	81.86	34	P	P	11 00 36.2	-0.9
M33A	Chassel	81.87	42	P	P	11 00 36.6	-0.8
EKA	Taylor Creek F	81.92	342	eP	P	11 00 36.6	-0.6
SOP	Eskdalemir Ar	81.92	342	eP	P	11 00 36.6	-0.6
SOP	comp=Z,1.8nm,0.4s,ba	81.93	321	eP	P	11 00 38.0	+0.4
SOP	baz=2,1.8nm,0.4s,ba	81.97	321	eP	P	11 00 38.1	+0.4
I37A	Sopron	81.97	321	eP	P	11 00 37.9	+0.1
I37A	Lemond, Waseca	81.97	38	P	P	11 00 37.9	+0.1
121A	baz=318,SNR=15	81.99	54	P	P	11 00 38.9	+0.6
L34A	Cookes Peak, D	82.00	41	P	P	11 00 37.2	-0.8
H38A	Svensen Farm,	82.01	37	P	P	11 00 36.8	-1.1
KHC	Maiden Rock	82.01	330	eP	P	11 00 37.5	-0.5
KHC	baz=319	82.01	330	eP	P	11 00 37.5	-0.5
KHC	Kasperske Hory	82.01	330	eP	P	11 00 37.4	-0.5
KHC	comp=Z,8.0nm,0.9s	82.01	330	eP	P	11 00 37.4	-0.5
KHC	Kasperske Hory	82.01	330	eP	P	11 00 37.4	-0.5
KHC	comp=Z,7.7nm,0.9s	82.01	330	eP	P	11 00 37.1	-0.3
KHC	Kasperske Hory	82.01	330	eP	P	11 00 37.1	-0.3
KHC	comp=Z,7.7nm,0.9s	82.01	330	eP	P	11 00 37.1	-0.3
J36A	Seneca 1, Swea	82.03	39	P	P	11 00 37.6	-0.5
K35A	baz=318,SNR=6.0	82.03	40	P	P	11 00 37.6	-0.6
F40A	Storm Lake	82.06	35	P	P	11 00 37.3	-0.9
CONA	Park Falls	82.06	35	P	P	11 00 37.3	-0.9
G39A	Conrad Observer	82.06	328	iP	P	11 00 38.1	-0.2
E41A	comp=Z,17nm,1.1s,SN	82.06	36	P	P	11 00 37.3	-0.9
GE2C	Holcombe	82.06	36	P	P	11 00 37.3	-0.9
GE2C	baz=320	82.06	36	P	P	11 00 37.3	-0.9
GE2C	Kenton	82.15	34	P	P	11 00 37.9	-0.8
GE2C	GERESS Array S	82.19	330	eP	P	11 00 38.3	-0.7
GERES	comp=Z,7.0nm,0.8s	82.19	330	eP	P	11 00 38.3	-0.7
GERES	GERESS Array S	82.19	330	eP	P	11 00 38.3	-0.7
GERES	comp=Z,6.8nm,0.8s	82.19	330	eP	P	11 00 38.3	-0.7
GERES	GERESS Array B	82.19	330	eP	P	11 00 38.0	-1.0
GERES	comp=Z,4.7nm,0.8s,ba	82.19	330	eP	P	11 03 44.5	-2.3
GERES	comp=Z,0.8nm,0.8s	82.19	294	eP	P	11 00 38.5	-0.9
RAYN	Ar Rayn	82.19	294	eP	P	11 00 38.5	-0.9
GEAO	comp=Z,1.1nm,0.8s	82.20	330	eP	P	11 00 38.0	-1.0
M34A	GERESS Array S	82.20	330	eP	P	11 00 38.0	-1.0
ASF	Aspy Farms, Fr	82.23	42	P	P	11 00 38.4	-0.8
J37A	baz=317	82.41	305	P	P	11 00 40.1	-0.3
J37A	Jabal al Asfar	82.41	305	P	P	11 00 40.1	-0.3
GRFO	Redenius Farm,	82.42	39	P	P	11 00 39.8	-0.4
GRFO	baz=318,SNR=6.2	82.45	332	eP	P	11 00 40.0	-0.2
GRFO	Grafenberg	82.45	332	eP	P	11 00 40.0	-0.2
GRFO	comp=Z,30nm,1.1s	82.45	332	eP	P	11 00 40.0	-0.2
GRFO	Grafenberg	82.45	332	eP	P	11 00 40.0	-0.2
GRFO	comp=Z,30nm,1.1s	82.45	332	eP	P	11 00 40.0	-0.2
I38A	Scanlan Farm,	82.47	38	P	P	11 00 39.4	-1.0
CBK5	Cedar Bluff	82.47	45	P	P	11 00 40.3	-0.3
H39A	baz=319	82.47	37	P	P	11 00 39.8	-0.6
K36A	Augusa	82.48	40	P	P	11 00 40.0	-0.5
SCHO	Gilmore City	82.48	40	P	P	11 00 40.0	-0.5
SCHO	baz=318	82.52	18	P	P	11 00 39.9	-0.6
SCHO	Schefferville	82.52	18	P	P	11 00 39.9	-0.6
SCHO	comp=Z,8.5nm,1.0s,ba	82.52	18	P	P	11 00 39.9	-0.6
G40A	Schefferville	82.52	18	P	P	11 00 39.9	-0.6
E42A	comp=Z,4.4nm,1.8s	82.52	36	P	P	11 00 40.1	-0.6
URZ	Rib Lake	82.52	36	P	P	11 00 40.1	-0.6
URZ	baz=320	82.52	36	P	P	11 00 40.1	-0.6
URZ	Champion	82.63	34	P	P	11 00 40.6	-0.6
URZ	baz=322	82.63	34	P	P	11 00 40.6	-0.6
F41A	Urevera	82.63	155	P	P	11 00 38.5	-2.5
F41A	comp=Z,4.7nm,0.8s,ba	82.63	155	P	P	11 00 38.5	-2.5
F41A	Three Lakes	82.65	35	P	P	11 00 40.7	-0.6
M35A	Neola	82.72	41	P	P	11 00 41.4	-0.3
CSS	baz=317,SNR=6.1	82.73	310	eP	P	11 00 41.4	-0.5
ARSA	Mathias	82.74	328	iP	P	11 00 41.5	-0.3
N34A	Arzberg	82.74	328	iP	P	11 00 41.5	-0.3
N34A	comp=Z,1.2nm,0.9s	82.76	42	P	P	11 00 40.9	-1.1
L36A	Lincoln	82.76	40	P	P	11 00 41.3	-0.7
MOA	Harm Buss Farm	82.77	329	iP	P	11 00 41.5	-0.5
MMAI	Molin	82.77	329	iP	P	11 00 41.5	-0.5
K37A	Mount Meron Ar	82.78	307	P	P	11 00 41.5	-0.8
K37A	comp=Z,1.9nm,0.2s,ba	82.79	39	P	P	11 00 41.6	-0.5
VTS	Beimond	82.79	39	P	P	11 00 42.3	-0.2
VTS	baz=319,SNR=12	82.84	321	eP	P	11 00 42.3	-0.2
VTS	Vitoshia	82.84	321	eP	P	11 00 42.3	-0.2
VTS	comp=Z,25nm,1.0s	82.84	321	eP	P	11 00 42.3	-0.2
VTS	Vitoshia	82.84	321	eP	P	11 00 42.3	-0.2
VTS	comp=Z,25nm,1.0s	82.84	321	eP	P	11 00 41.9	-0.9
VTS	Vitoshia	82.84	321	eP	P	11 00 41.0	-1.5
H40A	Chili	82.93	36	P	P	11 00 41.9	-0.9
J38A	Wedel Dairy, R	82.94	38	P	P	11 00 42.1	-0.8
I39A	Houston	82.99	37	P	P	11 00 42.3	-0.8
G41A	Antigo	83.02	35	P	P	11 00 42.4	-0.8
E43A	Lone Tree Farm	83.06	33	P	P	11 00 42.7	-0.7
O34A	Beatrice	83.13	43	P	P	11 00 42.7	-1.2
M36A	Felix, Anita	83.18	41	P	P	11 00 43.8	-0.3
N35A	Tabor	83.19	42	P	P	11 00 43.9	-0.2
L37A	baz=317,SNR=7.9	83.21	40	P	P	11 00 43.7	-0.6
L37A	Phoenix Point,	83.24	323	eP	P	11 00 43.7	-0.6
DIV5	Divibare	83.24	323	eP	P	11 00 43.7	-0.6
H41A	comp=Z,17nm,1.2s	83.27	36	P	P	11 00 43.7	-0.8
J39A	Junction City	83.30	38	P	P	11 00 43.7	-0.9
K38A	Decorah	83.30	38	P	P	11 00 43.7	-0.9
E44A	baz=320,SNR=7.7	83.30	39	P	P	11 00 44.1	-0.6
MMB	Parkersburg	83.32	32	P	P	11 00 44.4	-0.4
G42A	Grand Marais A	83.32	32	P	P	11 00 44.4	-0.4
I40A	Musomiste	83.32	320	P	P	11 00 44.0	-0.9
I40A	Mountain	83.33	35	P	P	11 00 44.1	-0.7
PERS	baz=322	83.38	37	P	P	11 00 44.5	-0.7
PERS	Norwalk	83.40	328	iP	P	11 00 44.4	-0.8
SOKA	Perince	83.40	328	iP	P	11 00 44.4	-0.8
SOKA	Sobotth	83.40	328	iP	P	11 00 44.6	-0.7
SOKA	comp=Z,23nm,0.9s,SN	83.44	320	P	P	11 00 44.0	-0.9
KKB	Krupnik	83.44	320	P	P	11 00 44.0	-0.9
P34A	Walnut Farm, R	83.53	43	P	P	11 00 44.5	-0.5
N36A	baz=317,SNR=6.2	83.57	41	P	P	11 00 45.9	-0.3
L38A	Muff Farm, Cla	83.59	39	P	P	11 00 45.5	-0.7
M37A	baz=318,SNR=6.4	83.59	39	P	P	11 00 45.5	-0.7
M37A	Oak Wood Farm,	83.59	40	P	P	11 00 46.1	-0.2
M37A	baz=319	83.59	40	P	P	11 00 46.1	-0.2
M37A	Trindle Farm,	83.59	40	P	P	11 00 46.1	-0.2
M37A	baz=318	83.59	40	P	P	11 00 46.1	-0.2
I41A	Arkdale	83.60	36	P	P	11 00 45.5	-0.7
SCIA	baz=321,SNR=5.9	83.64	40	P	P	11 00 46.2	-0.3
SCIA	State Center	83.64	40	P	P	11 00 46.2	-0.3
SCIA	baz=319	83.64	40	P	P	11 00 46.2	-0.3
G43A	State Center	83.64	40	eP	P	11 00 46.6	+0.2
K39A	comp=Z,25nm,0.9s	83.65	34	P	P	11 00 45.9	-0.6
J40A	Wallace	83.65	34	P	P	11 00 45.9	-0.6
OBKA	baz=322	83.69	38	P	P	11 00 45.7	-1.0
OBKA	Oldwein	83.70	37	P	P	11 00 45.8	-1.0
OBKA	comp=Z,8.4nm,0.8s	83.73	328	iP	P	11 00 43.8	-3.2
KBA	baz=322,SNR=5.2	83.77	329	P	P	11 00 47.5	+0.3
KBA	Koelnbreinsper	83.77	329	P	P	11 00 47.5	+0.3
H42A	Shiocton	83.86	35	P	P	11 00 46.7	-0.8
G34A	Chapman	83.92	44	P	P	11 00 47.4	-0.5
KSU1	baz=317	83.97	43	P	P	11 00 47.4	-0.8
KSU1	Kansas State U	83.97	43	eP	P	11 00 47.5	-0.7
KSU1	comp=Z,13nm,0.8s	83.97	43	eP	P	11 00 47.5	-0.7
N37A	Lee Faris, Mou	84.00	41	P	P	11 00 48.1	-0.2
M38A	baz=318,SNR=6.6	84.02	40	P	P	11 00 48.1	-0.3
K40A	Pleasantville	84.05	38	P	P	11 00 48.0	-0.6
MNTX	Colburg	84.06	54	P	P	11 00 49.0	+0.1

Table with columns: ID, Name, Az, El, P, M, Time, Res. Includes stations like Van Buren, Warren Harvey, Wits Springs, etc.

Table with columns: ID, Name, Az, El, P, M, Time, Res. Includes stations like Dimboko, Dimboko, Dimboko, etc.

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like NIED 14 11:15:00, CHOU, CHOU, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Lovozero, Torodi Ar. Bea, Borovoye, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TORO Torodi Ar. Bea, THE 14:12:32:31.6, etc.

SJA 14:12:17:31.6:0.4, 32.98Sx72.45W, h55km, 6km, ML3.5, MW3.6

GUC 14:12:17:39.0:0.5, 32.53Sx71.38W, h19km, 3km, ML3.3

ISC 14:12:17:36.7:0.3, 32.54Sx71.6W, 0.1, h16km, 1.2km, n17, <201/21, 1D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ROCH EI Roble, CLCH Cerro Canal, FCH Farellones, etc.

ISCJB 14:25:38.0:2.2, 22.8N:0.2:12.0W:0.4, h10km, mb3.8/3, Error ellipse: s-maj=57.1km s-min=14.1km az=162.0

ISC 14:25:39.3:2.5, 22.86N:11.88W, h0km, mb4.0/3, mb1 3.9/6, mb1mx3.5/56, mbmt3.9/6, ML3.8/3, Error ellipse: s-maj=79.7km s-min=24.8km az=73.0

ISC 14:25:39.4:1.8, 22.77N:0.2:12.1W:0.3, h10km, n8, <20/10, mb4.0/3, Mauritania

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KOWA Kowa, TORO Torodi Ar. Bea, TORO Torodi Ar. Bea, etc.

ISC 14:12:19:07.5:1.1, 29.82S:177.06W, h0km, mb3.9/3, mb1 4.1/4, mb1mx3.8/40, mbmt3.9/4, ML3.4/1, MS3.4/4, Ms1 3.4/4, ms1mx3.0/38, Error ellipse: s-maj=30.3km s-min=20.9km az=37.0

NEIC 14:12:19:12.8:0.8, 29.73S:177.16W, h35km, mb4.6/2, Error ellipse: s-maj=19.4km s-min=11.6km az=66.0

ISC 14:12:19:11.5:1.0, 29.85S:108.177W:0.1, h24km, n21, <173/22, mb4.2/6, MS3.9/3, Kermadec Islands

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

ISCJB 14:27:47.6:0.1, 14.57S:0.06:167.3E:0.1, h170km, mb4.0/20, Error ellipse: s-maj=15.3km s-min=8.5km az=8.8

NEIC 14:12:27:50.2:1.8, 14.68S:167.42E, h183km, 17km, mb4.6/4, Error ellipse: s-maj=13.6km s-min=11.1km az=152.0

ISC 14:12:27:50.1:3.1, 14.67S:167.42E, h180km, 28km, mb3.8/18, mb1 3.9/19, mb1mx3.7/47, mbmt4.2/19, Error ellipse: s-maj=18.4km s-min=16.4km az=114.0

ISC 14:12:27:48.9:0.6, 14.61S:167.47E:0.1, h170km, n26, <079/27, mb4.0/19, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, CTA Charters Tower, STKA Stephens Creek, etc.

ISCJB 14:25:38.0:2.2, 22.8N:0.2:12.0W:0.4, h10km, mb3.8/3, Error ellipse: s-maj=57.1km s-min=14.1km az=162.0

ISC 14:25:39.3:2.5, 22.86N:11.88W, h0km, mb4.0/3, mb1 3.9/6, mb1mx3.5/56, mbmt3.9/6, ML3.8/3, Error ellipse: s-maj=79.7km s-min=24.8km az=73.0

ISC 14:25:39.4:1.8, 22.77N:0.2:12.1W:0.3, h10km, n8, <20/10, mb4.0/3, Mauritania

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VLI Veliai, VLI Veliai, KLV Kalavryta, Ach, etc.

CSEM 14:12:32:50.9, 38.38N:22.02E, h12km, MLO.6/3

ATH 14:12:32:50.9, 38.38N:22.02E, h12km, 3km, MLO.6/3, Error ellipse: s-maj=3.6km s-min=1.5km az=195.0, Greece

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TRIZ Trizonia, TRIZ Trizonia, EFP Efpalio, etc.

MAN 14:12:37:47.10:19N:123.28E, h1km, mb4.2, ML3.0, MS2.6, 1C-1D, Cebu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu, TBP Tagbilaran, RCP Roxas, etc.

NIED 14:12:40:00.36:50N:137.90E, h5km, Mw3.8 Best double couple: Ms=6.0000x10^14 NP1=18.1000000; 8.47.000000; 1.23.000000; NP2=7.33.000000; 8.73.000000; 1.35.000000

JMA 14:12:40:16.2, 36.50N:137.92E, h9km, 1km, M3.6, 1C-3D Broadband plan phase solution: P waves. NP1:

14d 14h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ENTT Nioudou, ENTT TWA Mucha, NWLT Wulai, etc.

ISC 14 13:48:40.0-0.9, 27.18N-88.02E, h10km, mb3.6/10, m1 3.8/10, mb1mx3.5/6.4, mbtmp3.6/10, MS3.2, Ms1 3.5/2, ms1mx2.6/5.8, Error ellipse: s-maj=35.2km s-min=17.7km az=59.0

ISCJBJ 14 13:48:42.1-0.5, 27.34N-0.06E-88.16E-0.05, h20km, mb3.5/9, MS3.2/2, Error ellipse: s-maj=9.1km s-min=5.0km az=29.2

NDI 14 13:48:42.8-2.3, 27.34N-88.15E, h10km, ML3.6 ISC 14 13:48:43.0-0.7, 27.26N-0.06E-88.11E-0.05, h20km, n22, e166/28, mb3.5/9, 1C, Sikkim

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GTK Tadong, DHUB DHUBRI, TURU Tura, etc.

JMA 14 13:49:23.5-0.1, 36.50N-137.92E, h10km, 1km, M0.1, Eastern Honshu

2012 FEB

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JNG Nsakai, MAT Matushiro, etc.

ISCJBJ 14 14:08:39.7-0.3, 18.33S-0.03E-69.42W-0.04, h136km, 2km, mb4.2/19, Error ellipse: s-maj=6.9km s-min=4.2km az=11.6

SCB 14 14:08:39.9-0.3, 18.14S-69.19W, h124km, MI3.8/2, Error ellipse: s-maj=9.9km s-min=3.2km az=82.0

NEIC 14 14:08:40.6-0.6, 18.26S-69.41W, h126km, 7km, mb4.6/10, Error ellipse: s-maj=16.7km s-min=9.5km az=90.0

GUC 14 14:08:41.3-0.5, 18.36S-69.56W, h129km, 5km, ML4.4 IDC 14 14:08:43.1-2.0, 18.23S-69.12W, h142km, 14km, mb3.7/9, mb1 3.9/13, mb1mx3.7/4.7, mbtmp4.1/13, MS2.3/1, Ms1 2.4/1, ms1mx2.5/3.9, Error ellipse: s-maj=22.7km s-min=16.7km az=54.0

ISC 14 14:08:40.4-0.6, 18.28S-0.04E-69.47W-0.05, h122km, 5km, n66, e171/84, mb4.3/19, 5C-1D, Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARCH Arica, MNMC Minye Minye, PB12 IPOC Station P, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LZH Lanzhou, CZD Chengdu, etc.

ISCJBJ 14 14:20:15.8-0.2, 52.04N-0.04E-178.41E-0.03, h113km, mb4.7/185, Error ellipse: s-maj=5.9km s-min=2.4km az=178.3

NEIC 14 14:20:19.1-0.3, 51.91N-178.41E, h127km, 2km, mb4.8/164, ML4.4(AEIC), Error ellipse: s-maj=4.6km s-min=2.4km az=179.0

BUJ 14 14:20:19.3, 51.75N-177.72E, h130km, mb4.5/25, mb4.9/16

IDC 14 14:20:19.1, 51.3, 51.97N-178.39E, h124km, 10km, mb4.2/91, mb1 4.4, 3/34, mb1mx4.1/7.5, mbtmp4.6/34, MS3.0/5, Ms1 3.0/5, ms1mx2.7/6.9, Error ellipse: s-maj=13.9km s-min=7.7km az=169.0

MOS 14 14:20:21.4-0.9, 52.01N-178.38E, h123km, mb4.7/52, Error ellipse: s-maj=8.2km s-min=6.7km az=46.3

ISC 14 14:20:17.8-0.4, 52.01N-178.37E-180.03, h113km, n69S, e182/170, mb4.8/185, 7C-7D, Rat Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GAEA Gareloi East, TAFP Tanaga Falls P, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like Winchester, T39A, S40A, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like Yeager Farm, PLAL, W47A, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like RTLS, AMOG, AAGR, etc.

ISC/JB 14 14:23:31.5, 0.9, 31.68S, 0.03:69.42W, 0.05, h113km, 10km, Error ellipse: s-maj=6.9km s-min=5.0km az=15.8

DDA 14 15:12:47.2, 38.50N, 43.09E, h6km, M13.0

Table listing station names, codes, and times for the 14d 15h period. Includes stations like VANB, ADCV, BITLIS, etc.

ISC 14 15:20:43.0±1.4, 9.83N, 123.27E, h0km, mb3.3/4, mb1 3.6/5, mb1mx3.3/56, mbtmpp3.5/5, ML3.6/1, MS2.9/1, Ms1 2.9/1, ms1mx2.3/22, Error ellipse: s-maj=55.8km s-min=22.8km az=61.0

ISC 14 15:20:44.1±0.9, 10.05N, 0.04E, 123.25E, h0.05, h3km±8km, mb3.3/4, MS2.8/1, Error ellipse: s-maj=7.9km s-min=5.7km az=20.2

MAN 14 15:20:45.1000N, 123.20E, h15km, mb4.3, ML3.1, MS2.8 ISC 14 15:20:44.0±1.7, 10.00N, 0.04E, 123.24E, h0.05, h4km, 12km, n16, c138/21, mb3.3/4, 2C-2D, Negros

Table listing station names, codes, and times for the 14d 15h period. Includes stations like SNPH, Tagbilaran, LBP, Lapu-Lapu, etc.

ISC 14 15:23:01.5±2.5, 8.14N, 94.34E, h0km, mb3.0/3, mb1 3.2/4, mb1mx3.0/62, mbtmpp3.0/4, ML3.7/1, Error ellipse: s-maj=87.9km s-min=26.2km az=65.0, Nicobar Islands region

Table listing station names, codes, and times for the 14d 15h period. Includes stations like CMAR, Diego Garcia, H08S3, etc.

ISC 14 15:29:27.9±0.8, 7.5N, 0.1E, 93.8E, h0.1, h35km, mb3.6/11, MS4.0/1, Error ellipse: s-maj=23.5km s-min=13.3km az=147.7

ISC 14 15:29:34.3±6.9, 7.67N, 93.92E, h75km±61km, mb3.2/10, mb1 3.3/11, mb1mx3.2/62, mbtmpp3.4/11, MS3.4/2, Ms1 3.4/2, ms1mx2.7/32, Error ellipse: s-maj=48.6km s-min=15.9km az=51.0

ISC 14 15:29:29.6±1.1, 7.5N, 0.2E, 93.8E, h0.2, h35km, n25, c146/10, mb3.5/11, Nicobar Islands region

Table listing station names, codes, and times for the 14d 15h period. Includes stations like CMAR, Pallekele, ODAN, etc.

Table listing station names, codes, and times for the 14d 15h period. Includes stations like H08S3, H08S2, H08S1, etc.

MEX 14 15:38:29.7±0.5, 16.29N, 98.59W, h20km±17km, MD4.0, Near coast of Guerrero

Table listing station names, codes, and times for the 14d 15h period. Includes stations like PNIG, TLIG, ACAP, etc.

MAN 14 15:39:59, 10.01N, 123.26E, h1km, mb5.5, ML4.5, MS4.8 GCMT 14 15:40:00.5±0.4, 10.07N, 123.41E, h13km, 14km, MW4.8/58, Moment Tensor Solution: s1 0.211, s58 c90; Duration: 0. Moment tensor: Scale 10^16Nm; Mr1 6.1±1.6; Mr2: 0.7; Mw-0.07±0.08; Mw-1.54±.11; Mw-0.56±.25; Mw-0.42±0.05; Mw-0.36±.19; Best double couple: M1 7.6100±0.1016 NP1±29.00000±.855.00000±.107.00000±. NP2: 0±181.00000±.838.00000±.168.00000±. Principal axes: T 1.7940, Plg4.0000±, Azm199.0000±, P -1.7280, Plg9.0000±, Azm170.0000±; nstia1 refers to body waves, cutoff=40s. nstia2 refers to surface waves, cutoff=50s.

NEIC 14 15:40:00.5±0.2, 10.03N, 123.45E, h10km, mb4.7/24 Error ellipse: s-maj=7.2km s-min=4.4km az=77.0 NEIC (IV PIVS) at Guilin, s-maj=7.0km s-min=4.4km az=77.0 NEIC (IV PIVS) at Binalbagan, Dumaguete and Kabankalan, Negros. Also felt at Bacolod, Felt at Badian, Cebu City and Lapu-Lapu City, Cebu.

BUI 14 15:40:01.4, 9.72N, 123.40E, h39km, mb4.5/37, mb5.0/25, Ms4.4/22, Ms7 4.2/23 ISC/CB 14 15:40:03.0±0.3, 10.02N, 0.02E, 123.38E, h0.03, h39km, 3km, mb4.5/67, MS3.9/39, Error ellipse: s-maj=4.2km s-min=3.4km az=172.5

KLM 14 15:40:07.9, 10.03N, 123.16E, h41km, mb4.8 ISC 14 15:40:09.1±2.0, 10.01N, 123.39E, h77km, 19km, mb4.0/26, mb1 4.1/20, mb1mx4.0/60, mbtmpp4.3/30, MS3.9/36, Ms1 3.9/36, ms1mx3.7/57, Error ellipse: s-maj=18.7km s-min=9.3km az=73.0

DJA 14 15:40:21.6±1.1, 10.0N, 5.12E, h200km, 11km, M4.2/31, mb4.4/31, mb4.9/15, Mw(mb)4.2/15 ISC 14 15:40:02.0±0.9, 10.03N, 0.02E, 123.33E, h0.03, h19km±3km, n196, c280/187, mb4.5/67, MS4.0/39, 7C-12D, Cebu

Table listing station names, codes, and times for the 14d 15h period. Includes stations like TBP, Tagbilaran, SNPH, etc.

ISC 14 15:40:02.0±0.9, 10.03N, 0.02E, 123.33E, h0.03, h19km±3km, n196, c280/187, mb4.5/67, MS4.0/39, 7C-12D, Cebu

Table listing station names, codes, and times for the 14d 15h period. Includes stations like DAV, Davao City, DAV, Davao City, etc.

ISC 14 15:40:02.0±0.9, 10.03N, 0.02E, 123.33E, h0.03, h19km±3km, n196, c280/187, mb4.5/67, MS4.0/39, 7C-12D, Cebu

Table listing station names, codes, and times for the 14d 15h period. Includes stations like MYLDM, KDM, etc.

Table listing station names, codes, and times for the 14d 15h period. Includes stations like MSAI, Masohi, AAI, Ambon, KAPI, Kappang, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TG Y Tagaytay City, LQP Lubkan, BOAC Boac, SJMP San Jose, etc.

JMA 14 16:54:25.8-0.1,36.50N-137.93E,h11km,1km,M0.1, Eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like JNG Nsakai, MAT Matushiro, etc.

NIED 14 16:58:10.36,70N,141.70E,h5km,Mw3.7 Best double couple: M4.290000,1014 NP1=177.00000, 847.00000, lambda=56.00000, NP2=312.00000, 853.00000, lambda=121.00000.

IDC 14 16:58:14.1,1.0,36.76N,141.91E,h0km,mb3.6/8, mb1 3.8/11,mb1mx3.6/67,mbtmp3.8/11,ML4.0,MS2.4/2, Ms1 2.4/2,ms1mx2.3/53,Error ellipse: s-maj=28.9km s-min=16.9km az=81.0

ISCJB 14 16:58:15.5,1.2,36.68N,0.04,141.84E,0.06,h22km,7km, mb3.6/8, Error ellipse: s-maj=8.2km s-min=6.3km az=0.8

JMA 14 16:58:17.3,0.2,36.67N,141.72E,h5km,4km,M3.6

ISC 14 16:57:01.7,0.3,36.70N,141.33E,0.06,h8km,12km, h30, c178/30,mb3.5/8,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ONAJ Iwakimizuishiy, JFK Kawachi, JHO Hitachi, etc.

IDC 14 17:38:51.4,0.9,21.21S,169.08E,h0km,mb4.1/10, mb1 4.3/11,mb1mx4.1/38,mbtmp4.1/11,ML3.5/1,MS3.2/5, Ms1 3.2/5,ms1mx2.9/36,Error ellipse: s-maj=30.9km s-min=18.1km az=147.0

NEIC 14 17:38:52.6,0.5,21.28S,169.09E,h10km,mb4.8/15, Error ellipse: s-maj=10.5km s-min=9.2km az=33.0

ISCJB 14 17:38:53.0,0.9,21.33S,0.08,169.10E,0.06,h25km, mb4.5/23,MS3.9, Error ellipse: s-maj=10.8km s-min=8.7km az=176.8

ISC 14 17:38:54.9,0.6,21.35S,0.1,169.10E,0.08,h25km,n38, c1803/40,mb4.4/23,MS3.1/3,Southeast of Loyalty Islands

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PMG Port Moresby, COEN Coen, STKA Stephens Creek, etc.

MAN 14 17:40:08.9,96N,123.03E,h31km,mb4.0,ML2.7,MS2.3, 1D,Negros

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SNPH Sibulan, LLPS Lapu-Lapu, etc.

ISK 14 17:50:18.4,39.20N,28.08E,h8km,ML2.3/10

ISCJB 14 17:50:19.6,0.4,39.23N,0.02,27.90E,0.04,h9km,4km, Error ellipse: s-maj=5.3km s-min=3.5km az=161.2

CSEM 14 17:50:19.1,0.3,39.22N,27.96E,h10km,ML2.5, Error ellipse: s-maj=7.3km s-min=5.3km az=61.0

DDA 14 17:50:19.0,39.24N,27.90E,h7km,ML2.5

ISC 14 17:50:18.6,1.1,39.22N,0.02,27.97E,0.02,h5km,10km, n36,c091/56,Turkey

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

SOF 14 17:52:36.4,40.18N,24.10E,h15km,MD2.6

ISK 14 17:52:36.3,40.00N,24.28E,h5km,ML3.0/8

ATH 14 17:52:37.4,40.05N,24.17E,h27km,1km,ML2.7/16, Error ellipse: s-maj=1.3km s-min=0.7km az=274.0

CSEM 14 17:52:37.9,0.1,40.05N,24.22E,h15km,ML2.7, Error ellipse: s-maj=3.1km s-min=2.4km az=173.0

SKO 14 17:52:37.8,40.05N,24.23E,h5km,ML2.4,ML2.7

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

Table with columns: Station Name, Az, El, P, Res, Time, Res. Includes stations like NORSAR Subarra, HFS Hagfors, etc.

ISCJB 14 18:07:52.8±0.2, 18:06:50.0±0.167:12E:0.05, h20km, mb4.9/67, MS3.9/27, Error ellipse: s-maj=6.9km

BUI 14 18:07:54.5±0.17, 16:59:51.67:12E, h24km, mb4.7/33, mB5.1/17, Ms4.9/11, Ms7.4/5/11

NEIC 14 18:07:56.4±0.2, 18:04:53.167:15E, h35km, mb5.0/44, Error ellipse: s-maj=6.7km s-min=5.9km az=78.0

GCMT 14 18:07:56.4±0.3, 18:03:53.167:14E, h14km, Mw4.9/76, Moment Tensor Solution: s18.219, s76.c97, Duration: 0

IPM 14 18:07:56.5±0.2, 18:04:53.167:15E, h35km, mb5.0/44, Error ellipse: s-maj=6.7km s-min=5.9km az=78.0

ISC 14 18:07:56.5±0.3, 18:15:50.0±0.167:12E, h20km, n118, e2500/116, mb5.0/66, MS3.9/27, 2C, Vanuatu Islands

Main station list table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like DZM Mont Dzumac, CTM Charters Tower, etc.

Main station list table with columns: Station Name, Az, El, P, Res, Time, Res. Includes stations like TNTI Ternate, MBWA Marble Bar, LUWI Luwuk, etc.

Main station list table with columns: Station Name, Az, El, P, Res, Time, Res. Includes stations like TXAR Lajitas Array, MK32 Makanchi Array, YKA Yellowknife Ar, etc.

CSEM 14 18:17:56.9±0.4, 38:78N-43:23E, h5km, ML2.2, Error ellipse: s-maj=8.1km s-min=6.9km az=87.0

ISK 14 18:17:56.5, 38:75N-43:18E, h4km, ML2.2/3, DDA 14 18:17:57.1, 38:79N-43:27E, h7km, MI2.7

ISC 14 18:17:56.8±1.1, 38:78N-43:30E:0.03, h29km, n21, e1911/41, Turkey

Main station list table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like VANB Van, ERVC ERVCIS-VAN, etc.

NIED 14 18:24:00, 26:80N, 144:00E, h8km, Mw4.2 Best double couple: M1.96000x10^15 N1.9x98.00000, d12.00000, l-97.00000, NP2: e285.00000, 878.00000, l-89.00000

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ZEA Zeya, TWG Pinlang, H11N2 WAKE ISLAND, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CHQJ Chosi, CHQJ Choj, JCN Nagara, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like LZH comp=Z,9.0nm,1.0s, LZH comp=Z,130nm,8.5s, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MAN 14 19:11.14,10,24N,123.27E, etc.

14d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like FIAO, FINES, KBZ, SUMG, AKASO, AKKB, NB2, NB20, NOA, NV01, NVAR, WSHM, PD31, PDAR, BR101, BRTR, BR231, RAYN, CLL, TXAR, TOA1, TORD, LPAZ, LPZ, LPZ, LPZ.

IDC 14 19:29:21.72.9.33:55S:178:76W, h0km, mb3.9/2, mb1.4/2.3, mb1mx3.8/39, mbtmp4.0/3, ML3.9/1, Error ellipse: s-maj=68.3km s-min=35.7km az=118.0

ISCJB 14 19:29:22.1.1.8.33:85S:0:08-178:3W.0/3, h37km, mb4.2/7, Error ellipse: s-maj=32.4km s-min=9.1km az=13.1

NEIC 14 19:29:29.2.3.5.34:00S:178:66W, h66km, 27km, mb4.5/5, Error ellipse: s-maj=36.9km s-min=19.9km az=215.0

ISC 14 19:29:25.1.1.8.33:95S:0:1x178:4W.0/2, h37km, n19, a:191/24, mb4.3/7, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like URZ, URZ, URZ, BKZ, BKZ, OUZ, BFZ, SNZO, SNZO, THZ, KHZ, BBOO, AS01, AS31, ASAR, WB2, WRAB, WR1, WRA, FITZ, FIAO, FINES.

ISCJB 14 19:35:54.9.0.7.32:15N:0:02:115:16W, h0km, mb3.9/2, Error ellipse: s-maj=3.8km s-min=3.3km az=164.4

NEIC 14 19:35:56.9.0.0.32:17N:115:23W, h8km, ML3.6(ECX), After ECX.

NEIC Felt at Somerton, Arizona. ECX 14 19:35:56.8.0.6.32:16N:115:23W, h8km, MD3.4, ML3.6

ISC 14 19:35:53.8.1.1.32:17N:115:23W, h0km, n19, h11km, n10km, n41, a:182/25, 2C-4D, California-Baja

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MBIG, CPBX, CPBX, CPBX, EMSC, SGL, YMD, COA, ECXB, ECXB, WESC, YUH, RMX, IKP, IKP, SWSC, GLA, GLA, ZAX, ZAX, ZAX, ZAX, SPIG, SPX, SPX, SPX, CBX, CBX, MONP2, MONP2.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TJJG, ECNX, BAR, PBX, BC3, Y12C, 109C, 109C, PFO, IRM, 214A, 214A, 214A, MURC, PD31, GMRC, CIS, EDW, TUC, TUC, OSI, WUAZ, W18A, 121A.

IDC 14 19:41:47.4.44.0.46:55N:65:15E, h0km, Error ellipse: s-maj=187.8km s-min=138.8km az=164.0, Central Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like I31KZ, I46RU, I34MN.

IDC 14 19:44:27.6:60.0.50:88N:85:91E, h0km, Error ellipse: s-maj=236.6km s-min=65.8km az=170.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZALV, I46RU, I34MN.

ISCJB 14 19:58:18.7.0.7.18:29S:0:05:69:87W, h129km, 5km, mb3.9/4, Error ellipse: s-maj=15.2km s-min=8.5km az=9.1

GUC 14 19:58:20.8.0.5.18:35S:69:80W, h12km, 4km, ML3.9, IDC 14 19:58:24.4.2.4.18:28S:69:26W, h137km, 16km, mb3.7/4, mb1.3/8.7, mb1mx3.4/40, mbtmp4.2/7, Error ellipse: s-maj=43.1km s-min=23.4km az=109.0

ISC 14 19:58:30.8.0.3.18:28S:0:06:69:72W, h0.09, h113km, 8km, n18, a:122/22, mb4.0/4, 4C, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARCH, ARCH, ARCH, PB12, PB12, PB12, MNMC, MNMC, MNMC, PSCG, PSCG, PSCG.

ISCJB 14 19:58:54.9.0.7.32:15N:0:02:115:16W, h0km, mb3.9/2, Error ellipse: s-maj=3.8km s-min=3.3km az=164.4

NEIC 14 19:58:56.9.0.0.32:17N:115:23W, h8km, ML3.6(ECX), After ECX.

NEIC Felt at Somerton, Arizona. ECX 14 19:58:56.8.0.6.32:16N:115:23W, h8km, MD3.4, ML3.6

ISC 14 19:58:53.8.1.1.32:17N:115:23W, h0km, n19, h11km, n10km, n41, a:182/25, 2C-4D, California-Baja

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PB11, PB11, PB08, PB08, PB08, LPAZ, LPAZ, SIG, SVA, PLCA, DBIC, KOWA, TORD, H1S2, H1S1, H1S3, WRA, SONM.

ISCJB 14 20:00:29.9.0.7.38:95N:0:04:141:72E:0:08, h75km, 4km, mb3.3/3, Error ellipse: s-maj=10.6km s-min=6.4km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JOM, JRG, JRG, JOU, JOU, JYK, JYK, JMM, JMM, JANG, JYS, JYS, JAH, JYA, JYA, MJAR, MASU, ASAJ, USRK, H1N2, H1N1, H1N3, H1S1, H1S3, MKAR, ILAR, WRA.

TIF 14 20:02:26.2.40:65N:46:61E, h7km, 2km, CSEM 14 20:02:27.8.0.8.40:59N:46:71E, h10km, ML3.0, Error ellipse: s-maj=19.1km s-min=8.1km az=79.0

NSSP 14 20:02:28.1.1.40:57N:46:45E, h10km, Ms3.0, ISC 14 20:02:28.1.3.5.40:59N:0:04:46:57E, h0.08, h10km, 25km, n24, a:190/45, 3C-3D, Eastern Caucasus

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GRS, GRS, GRS, GNI, GNI, GNI, STEZ, STEZ, BTNK, BTNK, BTNK, BTNK, SEAG, SEAG, SEAG, TBGL, TBGL, TBGL, IGDJ, IGDJ, IGDJ, DUS, DUS, DUS, GUDG, GUDG, GUDG, DIGO, DIGO, DIGO, AKH, AKH, AKH, ONI, ONI, ONI, DAGI, DAGI.

IDC 14 20:05:44.8.6.8.50:10N:114:44W, h0km, mb1.3/9.1, mb1mx3.0/68, mbtmp3.6/1, ML3.4/1, Error ellipse: s-maj=93.3km s-min=47.7km az=57.0, Alberta

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like I56U, I10CA, YKA, YKA.

ISCJB 14 20:09:06.6:0.7.12:0N:0:1x142:27E:0:10, h42km, mb3.6/8, Error ellipse: s-maj=19.0km s-min=10.1km az=144.8

IDC 14 20:09:10.6:3.9.12:01N:142:42E, h66km, 41km, mb3.3/8, mb1.3/9, mb1mx3.3/39, mbtmp3.6/9, ML3.9/1, Error ellipse: s-maj=36.8km s-min=17.2km az=101.0

ISC 14 20:09:08.3:0.9.12:01N:0:1x142:3E:0:11, h42km, n9, a:095/10, mb3.4/8, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUMO, GUMO, WRA, ASAR, KLR, SONM, MKAR, YKA, ARCES, FINES.

MAN 14 20:12:18.9:78N:123:11E, h10km, mb4.4, ML3.2, MS3.0, 1C-2D, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SNPH, SNPH, TBP, TBP, LLL, LLL, DCPH, DCPH, RCP, RCP, OCLP, OCLP, SJMP.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes CSEM and PDA data for Azores Islands and JMA 14 20:16:27.4,36:50N:137:92E.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes Honshu stations like Hitachi, Iwakimizuishiy, and various other locations.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FULB, CHKT, EHY, EGFH, ELDTW, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes JMA 14 20:23:32.8:0.2,40:17N:24:04E and ATH 14 20:23:32.7,40:17N:24:03E.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes IDC 14 20:41:53.7:0.7,0:99S:126:62E and IS/CJB 14 20:41:57.4:0.3,0:89S:0:03:126:78E.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STYT, OWD, TWD, SMLT, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes CSEM 14 20:23:32.8:0.2,40:17N:24:04E,1h0km,ML1.6 and ATH 14 20:23:32.7,40:17N:24:03E,2h1km,2km,ML1.6/7.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LBMI, SANI, SANSI, TMTI, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WTP, ECL, SLGT, CHN4, etc.

IDC 14 20:34:58.5:2.1,36:74N:140:76E,h0km,mb3.4/3, mb1 3.5/4, mb1mx3.2/67, mbtrp3.4/4, ML3.2/1, MS2.1/1, Ms1 2.1/1, ms1mx1.9/43, Error ellipse: s-maj=2.3km s-min=1.0km az=27.0, s-min=28.4km az=48.0

JMA 14 20:57:08.4:0.1,23:28N:121:44E,h46km,2km, M3.1 TAP 14 20:57:08.4,23:27N:121:56E,h43km,1km,ML3.6,C M3.6

WCHH 14 20:57:09.1:0.3,23:27N:121:56E:0:02:121:56E:0:02:h40km,6km, Error ellipse: s-maj=2.9km s-min=2.1km az=34.8

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SCZT, LAY, WSF, TWA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SIMA, DEMI, TVSB, KULA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JCJ, MJAR, H1N1, H1N2, etc.

14d 21h:49.5:3.0,33:57S-178:75W,h0km,mb3.7/3,mb1.3.8/4,mb1mx3.7/4,mbtmp3.7/4,ML3.7/1,Error ellipse: s-maj=75.3km s-min=33.6km az=118.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like URZ, ASAR, WRA, etc.

MAN 14 21:16:28.979N:123:39E,h19km,mb4.0,ML2.7,MS2.3,3C,Negros

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SNPH, TBP, LLL, etc.

14d 21:22:34.9:10.0,50:22N-114:53W,h0km,mb1.3/4/1,mb1mx3.0/66,mbtmp3.0/1,ML2.8/1,Error ellipse: s-maj=142.8km s-min=54.5km az=42.0,Alberta

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like I56U, H10CA, YKA, etc.

14d 21:21:45.7:2.2,15:69N-117:52E,h0km,mb3.4/3,mb1.3.6/3,mb1mx3.2/65,mbtmp3.4/3,Error ellipse: s-maj=303.3km s-min=25.8km az=71.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JAP, SNPH, TBP, etc.

MEX 14 21:29:01.5:0.8,14:81N-93:72W,h16km,156km,MD4.1, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PCIG, TGIG, CCIG, etc.

14d 21:30:10.1:54.0,22:40S-174:64W,h0km,mb4.0/3,mb1.4/1.3,mb1mx3.7/40,mbtmp4.0/3,MS3.5/2,MS1.3.5/2,ms1mx2.8/39,Error ellipse: s-maj=1019.0km s-min=178.3km az=87.0,Tonga Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like URZ, STKA, ASAR, etc.

14d 21:39:24.7:0.7,73N:30:59E,h5km,ML2.1/3,ISCJB 14 21:39:25.3:1.2,40:70N:0:05:30:54E,0:05,h17km,16km,Error ellipse: s-maj=9.4km s-min=5.9km az=150.2

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SAUV, SPNC, SAHE, etc.

14d 21:39:25.8:0.4,66N:30:56E,h7km,ML2.6,ISC 14 21:39:24.0:1.2,40:72N:0:05:30:55E:0:03,h26km,gkm,n16,0:53/28,Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SAUV, SPNC, SAHE, GULT, etc.

MAN 14 21:41:14.9:93N:123:22E,h31km,mb3.7,ML2.5,MS2.0,1D,Negros

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SNPH, LLL, GUIM, etc.

MSLP eS Sb 21 42 08.0 +4.4

SOF 14 21:45:53.7,40:05N:24:45E,h15km,MD3.4,ISCJB 14 21:45:58.1:0.6,40:18N:0:02:24:10E:0:02,h4km,5km,mb3.3/4,Error ellipse: s-maj=3.1km s-min=2.5km az=20.8

14d 21:45:58.3:1.1,40:20N:24:04E,h0km,mb3.4/4,mb1.3/7.8,mb1mx3.3/67,mbtmp3.4/8,ML3.2/4,MS2.7/2,MS1.2/7.2,ms1mx2.3/45,Error ellipse: s-maj=21.4km s-min=15.9km az=114.0

CSEM 14 21:45:59.4:0.1,40:15N:24:06E,h10km,ML3.5,Error ellipse: s-maj=1.8km s-min=1.5km az=101.0

ATH 14 21:45:59.4,40:15N:24:03E,h24km,1km,ML3.5/8,Error ellipse: s-maj=1.8km s-min=0.9km az=325.0

THE 14 21:45:59.8,40:16N:24:05E,h8km,ML3.5/12,Error ellipse: s-maj=0.6km s-min=0.3km az=226.0

SKO 14 21:46:01.0,40:18N:24:02E,h11km,M3.0,ML3.4,ISC 14 21:45:59.3:1.0,40:15N:0:02:24:07E:0:02,h9km,gkm,n160,c0:83/203,mb3.3/4,22C-4D,Aegean Sea

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

THE 14 21:46:01.0,40:18N:24:02E,h11km,M3.0,ML3.4,ISC 14 21:45:59.3:1.0,40:15N:0:02:24:07E:0:02,h9km,gkm,n160,c0:83/203,mb3.3/4,22C-4D,Aegean Sea

THE 14 21:46:01.0,40:18N:24:02E,h11km,M3.0,ML3.4,ISC 14 21:45:59.3:1.0,40:15N:0:02:24:07E:0:02,h9km,gkm,n160,c0:83/203,mb3.3/4,22C-4D,Aegean Sea

THE 14 21:46:01.0,40:18N:24:02E,h11km,M3.0,ML3.4,ISC 14 21:45:59.3:1.0,40:15N:0:02:24:07E:0:02,h9km,gkm,n160,c0:83/203,mb3.3/4,22C-4D,Aegean Sea

THE 14 21:46:01.0,40:18N:24:02E,h11km,M3.0,ML3.4,ISC 14 21:45:59.3:1.0,40:15N:0:02:24:07E:0:02,h9km,gkm,n160,c0:83/203,mb3.3/4,22C-4D,Aegean Sea

THE 14 21:46:01.0,40:18N:24:02E,h11km,M3.0,ML3.4,ISC 14 21:45:59.3:1.0,40:15N:0:02:24:07E:0:02,h9km,gkm,n160,c0:83/203,mb3.3/4,22C-4D,Aegean Sea

THE 14 21:46:01.0,40:18N:24:02E,h11km,M3.0,ML3.4,ISC 14 21:45:59.3:1.0,40:15N:0:02:24:07E:0:02,h9km,gkm,n160,c0:83/203,mb3.3/4,22C-4D,Aegean Sea

THE 14 21:46:01.0,40:18N:24:02E,h11km,M3.0,ML3.4,ISC 14 21:45:59.3:1.0,40:15N:0:02:24:07E:0:02,h9km,gkm,n160,c0:83/203,mb3.3/4,22C-4D,Aegean Sea

THE 14 21:46:01.0,40:18N:24:02E,h11km,M3.0,ML3.4,ISC 14 21:45:59.3:1.0,40:15N:0:02:24:07E:0:02,h9km,gkm,n160,c0:83/203,mb3.3/4,22C-4D,Aegean Sea

THE 14 21:46:01.0,40:18N:24:02E,h11km,M3.0,ML3.4,ISC 14 21:45:59.3:1.0,40:15N:0:02:24:07E:0:02,h9km,gkm,n160,c0:83/203,mb3.3/4,22C-4D,Aegean Sea

THE 14 21:46:01.0,40:18N:24:02E,h11km,M3.0,ML3.4,ISC 14 21:45:59.3:1.0,40:15N:0:02:24:07E:0:02,h9km,gkm,n160,c0:83/203,mb3.3/4,22C-4D,Aegean Sea

THE 14 21:46:01.0,40:18N:24:02E,h11km,M3.0,ML3.4,ISC 14 21:45:59.3:1.0,40:15N:0:02:24:07E:0:02,h9km,gkm,n160,c0:83/203,mb3.3/4,22C-4D,Aegean Sea

ALN	Alexandroupoli	1.68 63	P	Pn	21 46 28.3 -0.6
THL	Klokotos Trika	1.68 250	P	Pn	21 46 28.7 -0.2
CVTR	Klokotos Trika	1.68 250	P	Pn	21 46 28.7 -0.2
THL	Klokotos Trika	1.68 250	P	Pn	21 46 28.7 -0.2
LKR	Lokris	1.71 209	P	Pn	21 46 28.3 -1.0
LKR	Lokris	1.71 209	P	Pn	21 46 28.3 -1.0
LKR	Lokris	1.71 209	P	Pn	21 46 28.3 -1.0
EREA	Eretria	1.73 183	P	Pn	21 46 29.1 -0.3
EREA	Eretria	1.73 183	P	Pn	21 46 29.1 -0.3
EREA	Eretria	1.73 183	P	Pn	21 46 29.1 -0.3
AGG	Agios Georgios	1.75 230	P	Pn	21 46 29.8 -0.1
AGG	Agios Georgios	1.75 230	P	Pn	21 46 29.8 -0.1
AGG	Agios Georgios	1.75 230	P	Pn	21 46 29.8 -0.1
KZN	Kozani	1.76 276	P	Pb	21 46 30.9 -0.9
KZN	Kozani	1.76 276	P	Pb	21 46 30.9 -0.9
KZN	Kozani	1.76 276	P	Pb	21 46 30.9 -0.9
KKB	Krupnik	1.86 337	iP	Pn	21 46 28.1 -3.4
BAYC	CANAKKALE Bayr	1.95 101	P	Pn	21 46 33.7 +1.0
BAYC	CANAKKALE Bayr	1.95 101	P	Pn	21 46 33.7 +1.0
PLD	Plovdiv	2.01 14	iPg	Pb	21 46 34.1 +0.7
KPRO	Kipourio	2.08 265	P	Pb	21 46 35.7 -1.6
KPRO	Kipourio	2.08 265	P	Pb	21 46 35.7 -1.6
KPRO	Kipourio	2.08 265	P	Pb	21 46 35.7 -1.6
KESN	Kesane-Kesan	2.10 74	P	Pn	21 46 34.8 +0.3
KESN	Kesane-Kesan	2.10 74	P	Pn	21 46 34.8 +0.3
KESN	Kesane-Kesan	2.10 74	P	Pn	21 46 34.8 +0.3
EVR	Evyritania	2.14 235	P	Pn	21 46 35.5 +0.2
EVR	Evyritania	2.14 235	P	Pn	21 46 35.5 +0.2
EVR	Evyritania	2.14 235	P	Pn	21 46 35.5 +0.2
FNA	Florina	2.15 288	P	Pn	21 46 35.3 -0.1
FNA	Florina	2.15 288	P	Pn	21 46 35.3 -0.1
FNA	Florina	2.15 288	P	Pn	21 46 35.3 -0.1
PNT	Dimitrovgrad	2.16 30	iPg	Pb	21 46 38.0 +0.6
DENT	Pentalofos	2.24 272	P	Pn	21 46 36.6 -0.1
PNT	Pentalofos	2.24 272	P	Pn	21 46 36.6 -0.1
PNT	Pentalofos	2.24 272	P	Pn	21 46 36.6 -0.1
BIA	Bitola	2.26 293	iPn	Pn	21 46 38.1 +1.2
THAL	Thalero	2.38 208	P	Pn	21 46 38.5 0.0
THAL	Thalero	2.38 208	P	Pn	21 46 38.5 0.0
SART	Tekirdag	2.44 76	P	Pn	21 46 36.2 -3.2
SART	Tekirdag	2.44 76	P	Pn	21 46 36.2 -3.2
SART	Tekirdag	2.44 76	P	Pn	21 46 36.2 -3.2
KRUS	Krusovo	2.46 300	iPn	Pn	21 46 40.5 +0.7
DSL	Palaion Diasel	2.51 247	P	Pn	21 46 40.8 +0.5
DSL	Palaion Diasel	2.51 247	P	Pn	21 46 40.8 +0.5
DSL	Palaion Diasel	2.51 247	P	Pn	21 46 40.8 +0.5
VTS	Vitoshka	2.52 345	P	Pn	21 46 41.2 +0.6
VTS	Vitoshka	2.52 345	P	Pn	21 46 41.2 +0.6
VTS	Vitoshka	2.52 345	P	Pn	21 46 41.2 +0.6
JAN	Janina	2.52 260	P	Pn	21 46 41.6 +1.0
JAN	Janina	2.52 260	P	Pn	21 46 41.6 +1.0
JAN	Janina	2.52 260	P	Pn	21 46 41.6 +1.0
KLV	Kalavryta, Ach	2.58 216	P	Pn	21 46 41.1 -0.2
KLV	Kalavryta, Ach	2.58 216	P	Pn	21 46 41.1 -0.2
KLV	Kalavryta, Ach	2.58 216	P	Pn	21 46 41.1 -0.2
GUR	Goura	2.59 212	P	Pn	21 46 41.8 +0.3
GUR	Goura	2.59 212	P	Pn	21 46 41.8 +0.3
GUR	Goura	2.59 212	P	Pn	21 46 41.8 +0.3
KNL	Bal-kesir	2.65 86	iP	Pb	21 46 46.8 -0.2
URLA	Uzmir	2.66 132	P	Pn	21 46 41.5 -0.9
URLA	Uzmir	2.66 132	P	Pn	21 46 41.5 -0.9
URLA	Uzmir	2.66 132	P	Pn	21 46 41.5 -0.9
OHR	Ohrid	2.66 292	iPn	Lg	21 46 43.5 +1.0
OHR	Ohrid	2.66 292	iPn	Lg	21 46 43.5 +1.0
OHR	Ohrid	2.66 292	iPn	Lg	21 46 43.5 +1.0
OHR	comp=E, 179nm, 1.1s		eLg	Lg	21 47 34.6
SKO	Skopje	2.69 313	iPn	Pn	21 46 43.4 +0.6
BALY	Balya	2.76 97	iP	Pn	21 46 42.7 -1.1
BALY	Balya	2.76 97	iP	Pn	21 46 42.7 -1.1
BALY	Balya	2.76 97	iP	Pn	21 46 42.7 -1.1
STEP	BAJKESIR_Sava	2.92 197	P	Pb	21 46 51.8 +0.2
STEP	BAJKESIR_Sava	2.92 197	P	Pb	21 46 51.8 +0.2
STEP	BAJKESIR_Sava	2.92 197	P	Pb	21 46 51.8 +0.2
BARJE	Barje	3.29 158	iP	Pn	21 46 50.8 -0.3
APE	Apeiranthos	3.29 159	iP	Pn	21 46 50.8 -0.3
APE	Apeiranthos	3.29 159	iP	Pn	21 46 50.8 -0.3
BOVS	Bovan	3.90 334	ePn	Pn	21 46 58.7 -0.7
ZAGS	Zajecar	3.90 340	ePn	Pn	21 46 59.1 -0.3
HUMR	Humele	4.42 91	iP	Pn	21 47 07.0 +0.4
HUMR	Humele	4.42 91	iP	Pn	21 47 07.0 +0.4
HUMR	Humele	4.42 91	iP	Pn	21 47 07.0 +0.4
GRUS	Gruza	4.49 327	ePn	Pn	21 47 07.6 +0.1
SRE	Strehaia	4.55 352	iP	Pn	21 47 08.9 +0.5
SRE	Strehaia	4.55 352	iP	Pn	21 47 08.9 +0.5
SRE	Strehaia	4.55 352	iP	Pn	21 47 08.9 +0.5
KUBS	Kucevo	4.61 338	ePn	Pn	21 47 07.0 -2.2
SULR	Sulr	4.67 12	ePn	Pn	21 47 12.6 +0.8
SULR	Sulr	4.67 12	ePn	Pn	21 47 12.6 +0.8
SULR	Sulr	4.67 12	ePn	Pn	21 47 12.6 +0.8
TRUS	Trudelj	4.89 327	ePn	Pn	21 47 13.0 0.0
IDI	Anoyia	4.90 172	Pn	Pn	21 47 13.6 +0.3
MDVR	Moldovita	4.94 340	iP	Pn	21 47 13.4 -0.4
MDVR	Moldovita	4.94 340	iP	Pn	21 47 13.4 -0.4
MDVR	Moldovita	4.94 340	iP	Pn	21 47 13.4 -0.4
DIVS	Divibare	4.97 324	ePn	Pn	21 47 14.6 +0.4
BBLs	Lazi&263;2	5.08 318	ePn	Pn	21 47 19.0 +3.3
ARR	Arges	5.23 41	iP	Pn	21 47 18.3 +0.6
ARR	Arges	5.23 41	iP	Pn	21 47 18.3 +0.6
ARR	Arges	5.23 41	iP	Pn	21 47 18.3 +0.6
VOIR	Voiron	5.33 71	iP	Pn	21 47 19.8 +0.7
VOIR	Voiron	5.33 71	iP	Pn	21 47 19.8 +0.7
VOIR	Voiron	5.33 71	iP	Pn	21 47 19.8 +0.7
MLR	Muntele Rosu	5.51 14	Pn	Pn	21 47 21.7 0.0
MLR	comp=N, 0.2nm, 0.3s, baz=180, slow=12, SNR=12		Lg	Lg	21 49 01.1
MLR	comp=N, 0.2nm, 0.3s, baz=299, slow=16, SNR=27		Lg	Lg	21 50 12.2
MLR	comp=N, 27nm, 19.9s, baz=278, slow=46		Lg	Lg	21 50 12.2
MLR	Muntele Rosu	5.51 14	Pn	Pn	21 47 23.1 +1.4
BZS	Buzias	5.75 343	iP	Pn	21 47 24.3 -0.5
CFR	Carcaliu	5.80 301	Pn	Pn	21 47 26.6 +0.4
DOPR	Dopca	5.89 91	iP	Pn	21 47 28.2 +1.4
PLOR	Plostina	6.00 181	iP	Pn	21 47 30.0 +1.7
VRI	Vrincioia	6.03 181	iP	Pn	21 47 30.3 +1.6
TLCR	Tescani	6.13 33	iP	Pn	21 47 30.7 +0.7
TESR	Tescani	6.13 33	iP	Pn	21 47 30.7 +0.7
DRGR	DRGR	6.71 352	iP	Pn	21 47 37.8 -0.2
ARCR	ARCALIA	6.93 21	Pn	Pn	21 47 41.8 +0.7
BRTR	Keakin Array B	7.37 90	Pn	Pn	21 47 48.1 +0.8
BRUR	Bucovina Array	7.50 61	iP	Pn	21 47 50.1 +1.1
UDBI	Udbina	7.54 308	P	Pn	21 47 51.6 +2.1
UDBI	Udbina	7.54 308	P	Pn	21 47 51.6 +2.1
VAE	Valguarnera	8.00 254	Pn	Pn	21 47 59.3 +3.6
VRAC	comp=N, 0.4nm, 0.3s, baz=83, slow=14, SNR=3.2		Lg	Lg	21 53 06.0
VRAC	comp=N, 0.5nm, 0.6s, baz=18, slow=8, SNR=4.1		Lg	Lg	21 53 06.0
AKASG	Malin Array Be	11.15 17	Pn	Pn	21 48 37.3 -1.5
ESDC	Seneca Array	21 47 278	P	Pn	21 50 48.3 +0.1
TORD	Tordi Ar. Bea	33.32 222	P	Pn	21 52 37.8 +0.2
MKAR	Makanchi Array	41.93 61	P	Pn	21 53 50.3 +1.1
ZALV	Zalesovo Beam	42.32 50	P	Pn	21 53 54.6 +1.4
ZALV	comp=N, 0.4nm, 0.5s, baz=277, slow=13, SNR=2.8		Lg	Lg	21 53 54.6 +1.4

BCIP	Isla Barro Col	4.51 37	eS	Pn	21 48 23.6 -1.6
BCIP	Isla Barro Col	4.51 37	eS	Pn	21 47 31.9 -1.1
CVTR	Volcan Turrial	4.62 345	iP	Pn	21 47 33.6 -1.3
SJS	Escuela Geolog	4.63 341	eP	Pn	21 47 33.5 -1.1
HDC	Heredia	4.71 341	ePn	Pn	21 47 34.5 -1.3
CGAZ	0.3 Gallo 2	4.84 327	eP	Pn	21 47 35.0 -1.9
JCR	Jicar	4.93 330	eP	Pn	21 47 37.4 -2.3
SOLC	Bahia Solano	5.17 82	eP	Pn	21 47 38.5 -3.5
JTS	AgiosAbangare	5.29 333	Pn	Pn	21 47 42.2 -1.6
JTS	49nm, 0.3s, baz=243, slow=8.7, SNR=6.1		Lg	Lg	21 48 44.4 -0.4
JTS	24nm, 0.3s, baz=347, slow=22, SNR=8.0		Lg	Lg	21 48 44.1 -2.5
JTS	135nm, 0.4s		Lg	Lg	21 48 42.4 -2.3
JTS	CASO Castillo	5.33 336	eS	Pn	21 47 42.2 -1.1
CEDE	Laguna Cede'o	5.37 337	eP	Pn	21 47 43.2 -1.6
VCR	Vista de Mar	5.49 326	eP	Pn	21 47 44.5 -2.2
PLTR	Palto Verde	5.53 330	eP	Pn	21 47 52.6 +5.4
PTEN	Parque Tenorio	5.69 335	eP	Pn	21 47 47.0 -2.3
CUI	Cuipilepa	5.71 333	Pn	Pn	21 47 48.9 -0.8
COLC	Colonia	5.74 333	eP	Pn	21 47 49.6 -0.4
HORNC	Hornillas	5.77 333	eP	Pn	21 47 50.6 +0.2
LIMI	Limalon	5.79 333	eP	Pn	21 47 50.4 -0.3
MESS	Mesas	5.80 333	eP	Pn	21 47 50.2 -0.6
NY14	Universidad de	5.88 330	eP	Pn	21 47 51.1 -0.8
GPS2	GPS2	5.88 330	eP	Pn	21 47 51.1 -0.8
GPS2	Bodega del ICE	5.89 332	eP	Pn	21 47 52.6 +0.5
GPS1	Guardaparques	5.90 332	eP	Pn	21 47 52.6 +0.3
BUEV	Buena Vista	5.95 332	eP	Pn	21 47 52.6 +0.3
GB1A	Finca Las Im'i	5.96 331	eP	Pn	21 47 51.9 -1.0
GB1A	Borinquen Arri	5.96 332	eP	Pn	21 47 52.7 -0.4
BUAI	Buenos Aires	5.98 333	eP	Pn	21 47 53.3 0.0
CRZI	La Cruz	6.30 331	eP	Pn	21 47 57.3 -0.3
CMB	Cumbal	6.56 314	eP	Pn	21 47 59.8 -1.8
POPC	Popayan, Colom	6.57 117	eP	Pn	21 47 57.8 -3.8
OTAV	Otalava	6.66 142	ePn	Pn	21 47 59.8 -3.2
OTAV	Otalava	6.66 142	ePn	Pn	21 49 11.7 -7.1
OTAV	Otalava	6.66 142	ePn	Pn	21 49 11.7 -7.1
SOTA	Rioblanco	6.82 119	eP	Pn	21 48 04.5 -0.8
CRUC	La Cruz	6.84 125	eP	Pn	21 48 05.1 -0.2
PCON	Cinco Dias	6.92 117	eP	Pn	21 48 07.1 +0.5
HELC	Santa Helena	7.02 84	ePn	Pn	21 48 07.5 -0.4
HELC	Santa Helena	7.02 84	ePn	Pn	21 48 08.4 +0.6
MARR	Mar del Belalcaza	7.10 112	eP	Pn	21 48 11.2 +0.5
PRAC	Prado	7.85 103	ePn	Pn	21 48 18.7 -0.3
ZARC	Zaragoza, Cauc	7.89 75	eP	Pn	21 48 19.7 +0.2
ROSC	El Rosal	8.23 94	Pn	Pn	21 48 26.5 +2.0
ROSC	1.6nm, 0.3s, baz=14, slow=6.1, SNR=8.5		Lg	Lg	21 51 30.5
ROSC	comp=Z, 325nm, 21.0s, baz=286, slow=57		Lg	Lg	21 51 30.5
ROSC	El Rosal	8.23 94	ePn	Pn	21 48 24.4 +0.3
CHIC	Chingaza	8.83 95	eP	Pn	21 48 34.4 +1.6
WILC	Villavicencio	8.84 99	eP	Pn	21 48 34.4 +0.3
RUSC	Rusia	9.43 87	ePn	Pn	21 48 31.9 +0.4
TGUH	Tegucigalpa, Un	9.67 332	ePn	Pn	21 48 48.0 +4.2
PAYG	Puerto Ayora	9.88 232	ePn	Pn	21 48 48.3 +1.5
SDV	Santo Domingo	12.29 74	ePn	Pn	21 49 19.3 -0.6
SDV	0.8nm, 0.3s, baz=342, slow=9.9, SNR=45		Lg	Lg	21 51 34.0 -2.8
SDV	0.8nm, 0.3s, baz=251, slow=20, SNR=2.3		Lg	Lg	21 54 04.3
SDV	comp=Z, 953nm, 18.9s, baz=243, slow=38		Lg	Lg	21 54 04.3
SDV	Santo Domingo	12.29 74	ePn	Pn	21 49 20.5 +0.5
SDV	Santo Domingo	12.29 74	ePn	Pn	21 49 33.9 +0.7
ATAH	Atahualpa	13.25 162	Pn	Pn	21 54 12.2
ATAH	1.0nm, 0.3s, baz=94, slow=14, SNR=7.0		Lg	Lg	

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SDCO Great Sand Dun, SDCO Great Sand Dun, K37A Belmont, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like A33A Warroad, M4DND Maddock, SBC Santa Barbara, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ROSC El Rosal, PTGA Pittinga, SDV Santo Domingo, etc.

IDC 14 22:20:40.0, 0.9, 49.49'S x 116.82'W, h0km, mb3.9/5, mb1.4/1.5, mb1mx3.9/3.1, mbtmp3.9/5, Error ellipse: s-maj=0.4km s-min=0.2km az=11.0, 34.0

ISC 14 22:20:40.1, 1.1, 49.85'S x 116.57'W, h0km, n7, 0.54/6, mb3.9/5, Southern East Pacific Rise

ISCJB 14 22:24:42.0, 5.0, 49.86'N x 0.03, 18.50'E, h0km, Error ellipse: s-maj=5.0km s-min=0.7km az=9.7

IPCC 14 22:24:43.0, 0.2, 49.83'N, 18.58'E, h0km, ML2.1/7.3, Error ellipse: s-maj=2.1km s-min=1.1km az=161.0

CSEM 14 22:24:43.0, 4.0, 49.84'N, 18.51'E, h2km, ML2.6/5, Error ellipse: s-maj=6.0km s-min=3.0km az=9.0

Table with columns: PKI, Pulchoki, comp-Z, 89nm, 1.1s, 48.05 276 eP, P, 22 43 17.1 -0.1

Table with columns: KKR Karatay Array, 53.79 301 eP, P, 22 44 00.2 +0.4

Table with columns: GOF Gofitskoye, 70.85 312 i/P, P, 22 45 54.4 +0.4

Table with columns: KPRO, Kipourio, 2.04 328 P, Pn, 22 47 37.4 +0.8, etc.

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

MAN 14 22:51:30, 9.98N-123.32E, h31km, mb3.7, ML2.4, MS1.9, Negros

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

Main table with columns: OBC, LZB, Mount Lazard, 3.45 97 Pn, 22 56 11.5 -1.1, etc.

Main table with columns: EGMT, Egleton, 12.78 88 ePn, 22 57 41.3 +2.2, etc.

B31A	Greenbush Farm	20.59	80	P	Pn	22 59 18.3	-0.2
OGNE	Ogallala	20.66	103	P	Pn	22 59 17.7	-1.9
C31A	Landman Farms,	20.62	62	P	P	22 59 19.4	-0.4
D31A	Mcclaffin, Tow	21.91	84	P	Pn	22 59 21.9	-0.5
F31A	Hecla	20.95	87	P	Pn	22 59 21.3	-1.5
E31A	Nome	20.95	85	P	Pn	22 59 22.2	-0.7
214A	Organ Pipe Nat	21.06	139	P	P	22 59 24.6	+2.9
COLD	Coldfoot	21.07	337	P	P	22 59 20.8	-0.6
COLD	Coldfoot	21.07	337	eP	P	22 59 21.8	+0.4
A32A	Rocking H Ranc	21.22	78	P	P	22 59 24.9	+1.7
B32A	Ashes, Strandq	21.31	80	P	P	22 59 25.8	+1.6
MHTCO	State Highway	21.32	115	eP	P	22 59 29.4	+4.8
D32A	Dogwood Acres,	21.34	83	P	P	22 59 25.5	+1.0
ULM	Lac du Bonnet	21.34	74	P	P	22 59 25.3	+0.7
ULM	43nm,1.0s,baz=289,slow=12,SNR=27				LR	23 08 00.4	
ULM	comp-Z,390nm,20.7s,baz=257,slow=38						
ULM	Lac du Bonnet	21.34	74	P	P	22 59 24.8	+0.3
M	Lac du Bonnet	21.34	74	P	P	22 59 24.0	+0.3
KSCO	Kaye Shedlock	21.38	108	P	P	22 59 26.9	+1.7
T25A	Trinidad	21.48	115	P	P	22 59 28.2	+1.8
J31A	Geddes	21.64	94	P	P	22 59 30.1	+2.2
G32A	Webster	21.66	88	P	P	22 59 28.2	+0.2
TUC	Tucson	21.68	134	P	P	22 59 29.9	+1.5
AGMN	Agassiz Nation	21.77	80	P	P	22 59 30.3	+1.1
AGMN	Agassiz Nation	21.77	80	eP	P	22 59 30.2	+1.1
ANMO	Albuquerque	21.84	122	P	P	22 59 31.4	+1.3
ANMO	Albuquerque	21.84	122	eP	P	22 59 31.9	+1.7
ANMO	Albuquerque	21.84	122	eP	P	22 59 31.2	+1.0
A33A	Warroad	21.92	78	P	P	22 59 31.7	+0.9
K31A	O'Neill	21.94	96	P	P	22 59 32.5	+1.5
B33A	Robert and Kas	21.95	80	P	P	22 59 31.6	+0.5
C33A	Traill	21.97	81	P	P	22 59 30.3	-1.0
H32A	Carlson Farm,	21.99	90	P	P	22 59 30.9	-0.6
TOLK	Toolik Lake Re	22.01	340	P	P	22 59 32.2	+0.6
D33A	AnnSam, Waubun	22.11	83	P	P	22 59 31.3	-1.4
J32A	Parkston	22.19	93	P	P	22 59 34.8	+1.0
E33A	Westby DABS, E	22.20	84	P	P	22 59 35.3	+1.5
F33A	5 Mile Ranch,	22.24	86	P	P	22 59 36.1	+2.0
BNM	Barrett Site	22.34	124	eP	P	22 59 41.6	+6.1
H33A	Prehn Over Nor	22.37	89	P	P	22 59 37.6	+2.0
G33A	Ortonville	22.38	88	P	P	22 59 35.0	-0.6
K32A	Verdigre	22.43	95	P	P	22 59 38.1	+1.8
B34A	Aery, Baudette	22.50	79	P	P	22 59 38.2	+1.2
C34A	RKJ Ranch, Bem	22.56	81	P	P	22 59 37.3	-0.3
L32A	Elgin	22.72	97	P	P	22 59 40.4	+1.1
E34A	Wadena	22.74	84	P	P	22 59 40.1	+0.5
J33A	Davis	22.79	93	P	P	22 59 38.4	-1.7
ECSD	EROS Data Cent	22.84	91	P	P	22 59 40.1	-0.5
ECSD	EROS Data Cent	22.84	91	eP	P	22 59 40.2	-0.5
G34A	Benson	22.88	87	P	P	22 59 43.0	+2.0
BGNE	Belgrade	22.92	98	P	P	22 59 39.9	-1.6
F34A	Alexandria	22.93	86	P	P	22 59 42.9	+1.3
H34A	Spellman Lake,	23.01	89	P	P	22 59 41.0	-1.4
L33A	Hoskins	23.12	96	P	P	22 59 42.7	-0.9
B35A	Bob, Littlefor	23.13	79	P	P	22 59 44.0	+0.5
C35A	Jirik Farms, M	23.15	80	P	P	22 59 41.6	-2.2
I34A	Hadley	23.21	90	P	P	22 59 42.4	-2.1
E35A	Pequot Lakes	23.23	83	P	P	22 59 45.8	+1.2
D35A	Remer	23.29	82	P	P	22 59 45.4	+0.2
CBKS	Cedar Bluff	23.32	105	P	P	22 59 45.0	-0.6
F35A	Swanville	23.36	85	P	P	22 59 46.9	+1.0
M33A	Taylor Creek F	23.46	97	P	P	22 59 46.3	-0.7
J34A	George	23.47	92	P	P	22 59 44.7	-2.3
H35A	Sunnyside Ranc	23.62	88	P	P	22 59 49.1	+0.6
G35A	Watkins	23.65	86	P	P	22 59 50.0	+1.2
K34A	Le Mars	23.65	93	P	P	22 59 49.8	+0.9
SOLO	Sioux Lookout	23.78	74	P	P	22 59 50.3	+0.2
SOLO	Sioux Lookout	23.78	74	P	P	22 59 50.3	+0.2
L34A	Svendsen Farm,	23.80	95	P	P	22 59 51.4	+1.0
D36A	Goodland	23.84	81	P	P	22 59 49.9	-0.7
I35A	Creekview Farm	23.86	90	P	P	22 59 50.7	-0.3
C36A	Pine Crest Far	23.87	80	P	P	22 59 50.6	-0.4
J35A	Milford	23.93	91	P	P	22 59 52.4	+0.9
O33A	Hebron	23.98	100	P	P	22 59 53.5	+1.4
E36A	McGregor	23.99	83	P	P	22 59 53.5	+1.4
F36A	Milaca	24.04	84	P	P	22 59 53.9	+1.3
G36A	St. Michael	24.12	86	P	P	22 59 53.3	0.0
K35A	Storm Lake	24.20	93	P	P	22 59 53.7	-0.3
H36A	Jessenland, He	24.26	88	P	P	22 59 56.6	+2.0
L35A	Bielow Farm, R	24.28	94	P	P	22 59 55.7	+0.9
N34A	Lincoln	24.28	98	P	P	22 59 54.3	-0.6
C37A	Embarrass	24.30	79	P	P	22 59 56.3	+1.3
D37A	Cotton	24.32	81	P	P	22 59 54.7	-0.5
ATKO	Atikokan Iron	24.37	77	P	P	22 59 56.0	+0.3
ATKO	Atikokan Iron	24.37	77	P	P	22 59 55.9	+0.2
M35A	Neola	24.49	96	P	P	22 59 58.1	+1.3
O34A	Beatrice	24.50	99	P	P	22 59 56.7	-0.2
J36A	Seneca 1, Swea	24.51	91	P	P	22 59 57.0	0.0
PKLO	Pickle Lake	24.58	70	P	P	22 59 57.6	+0.1

PKLO	Pickle Lake	24.58	70	P	P	22 59 57.5	+0.1
AMTX	Amarillo	24.64	115	P	P	22 59 59.1	+0.9
AMTX	Amarillo	24.64	115	eP	P	22 59 59.0	+0.8
F37A	Hinrichs Farm,	24.68	84	P	P	22 59 59.5	+1.2
EYMN	Ely	24.68	78	P	P	22 59 59.8	+1.4
EYMN	Ely	24.68	78	eP	P	22 59 59.5	+1.1
SPMN	Marine on St.	24.75	85	P	P	22 59 58.6	-0.4
SPMN	Marine on St.	24.75	85	eP	P	22 59 58.0	+1.3
K36A	Gilmore City	24.75	92	P	P	22 59 59.1	+0.1
P34A	Walnut Farm, R	24.76	101	P	P	22 59 59.4	+0.2
N35A	Tabor	24.83	97	P	P	22 59 00.8	+1.0
I37A	Lemond, Waseca	24.84	88	P	P	22 59 59.1	-0.7
L36A	Harm Buss Farm	24.86	93	P	P	22 59 59.8	-0.3
MNTX	Cornudas Mount	24.89	126	P	P	22 59 02.2	+1.8
C38A	Sawhill Land,	24.89	79	P	P	22 59 01.5	+1.1
H37A	Dierke Farm, C	24.92	87	P	P	22 59 00.2	-0.4
J37A	Reclusus Farm,	25.04	90	P	P	22 59 02.9	+1.2
Q34A	Chapman	25.04	102	P	P	22 59 02.0	+0.3
E38A	The Farm, Brul	25.07	82	P	P	22 59 02.7	+0.8
F38A	Pierce - Schro	25.08	83	P	P	22 59 03.9	+1.9
M36A	Felix, Anita	25.08	95	P	P	22 59 01.4	-0.6
KSU1	Kansas State U	25.15	101	P	P	22 59 03.0	+0.3
K37A	Belmond	25.22	91	P	P	22 59 04.2	+0.9
U32A	Wetmore Ranch,	25.27	109	P	P	22 59 05.9	+2.0
P35A	Duane Minner,	25.29	100	P	P	22 59 05.8	+1.8
H38A	Matson Rock	25.30	86	P	P	22 59 05.6	+1.6
G38A	Ridgeland	25.39	85	P	P	22 59 06.4	+1.6
L37A	Phoenix Point,	25.44	93	P	P	22 59 05.9	+0.5
I38A	Scanlan Farm,	25.53	88	P	P	22 59 07.6	+1.5
C39A	Grand Marais	25.60	78	P	P	22 59 05.9	-0.8
F39A	Loretta	25.72	83	P	P	22 59 07.4	-0.4
J38A	Wedel Dairy, R	25.74	89	P	P	22 59 08.9	+0.8
P36A	Good Intent, A	25.77	99	P	P	22 59 09.3	+1.0
G39A	Holcombe	25.79	84	P	P	22 59 10.0	+1.6
E39A	Mellen	25.79	81	P	P	22 59 10.0	+1.5
TBO	Thunder Bay	25.82	76	P	P	22 59 09.2	+0.5
TBO	Thunder Bay	25.82	76	P	P	22 59 09.0	+0.3
K38A	Parkersburg	25.85	91	P	P	22 59 11.4	+2.4
R35A	Emporia Munici	25.86	102	P	P	22 59 11.4	+2.3
H39A	Augusta	25.95	86	P	P	22 59 11.1	+1.2
I39A	Houston	26.13	87	P	P	22 59 10.5	-1.2
M38A	Pleasantville	26.15	94	P	P	22 59 10.7	-1.0
E40A	Wakedaw	26.20	81	P	P	22 59 13.3	+1.1
C40A	Isle Royale Na	26.20	77	P	P	22 59 12.9	+0.7
F40A	Park Falls	26.24	82	P	P	22 59 14.4	+1.9
J39A	Chaska	26.24	89	P	P	22 59 13.8	+1.2
R36A	Gordon, Harris	26.30	102	P	P	22 59 15.6	+1.8
K39A	Delwin	26.40	90	P	P	22 59 14.1	+0.1
G40A	Rib Lake	26.43	84	P	P	22 59 15.0	+0.7
N38A	Joos South For	26.44	95	P	P	22 59 13.7	-0.6
WMOK	Wichita Mounta	26.48	112	P	P	22 59 13.4	-1.4
WMOK	Wichita Mounta	26.48	112	eP	P	22 59 14.7	-0.2
T35A	Sooner Cattle	26.49	105	P	P	22 59 14.9	0.0
H40A	Chill	26.56	85	P	P	22 59 11.5	-3.9
L39A	Vinton	26.59	91	P	P	22 59 13.1	-2.7
S36A	Lake Cedric, C	26.59	103	P	P	22 59 13.4	-2.4
Q37A	Longview Farm,	26.67	100	P	P	22 59 18.3	+1.8
I40A	Norwalk	26.71	87	P	P	22 59 16.4	-0.4
R37A	Wegarden Farm	26.74	101	P	P	22 59 17.8	+0.7
M39A	Webster	26.79	93	P	P	22 59 18.0	+0.5
E41A	Kent	26.79	80	P	P	22 59 18.7	+1.1
T36A	Boggs Farm, Ca	26.81	104	P	P	22 59 18.1	+0.4
COWI	Conover	26.81	81	eP	P	22 59 22.4	+4.6
J40A	Soldiers Grove	26.84	88	P	P	22 59 17.6	-0.4
D41A	Chassel	26.85	79	P	P	22 59 18.3	+0.3
P38A	Dawn	26.85	97	P	P	22 59 17.9	-0.2
N39A	Derby Farms, D	26.87	94	P	P	22 59 18.0	-0.3
V35A	Meyer Ranch, C	27.01	108	P	P	22 59 22.4	+2.8
H41A	Junction City,	27.04	85	P	P	22 59 19.4	-0.4
S37A	Fort Scott	27.06	102	P	P	22 59 21.9	+1.9
GTO	Geraldton	27.07	73	P	P	22 59 20.5	+0.6
GTO	Geraldton	27.07	73	P	P	22 59 20.5	+0.6
G41A	Antigo	27.11	83	P	P	22 59 21.6	+1.1
I41A	Arkdale	27.13	86	P	P	22 59 21.0	+0.4
L40A	Anamosa	27.13	91	P	P	22 59 20.3	-0.3
Q38A	Cooks Store, C	27.16	99	P	P	22 59 21.5	+0.6
M40A	Post Highland	27.26	92	P	P	22 59 23.4	+1.7
JFWS	Jewell Farm	27.38	88	P	P	22 59 22.9	0.0
T37A	Cheneyville 18	27.38	103	P	P	22 59 22.5	-0.5
P39B	Salisbury	27.43	97	P	P	22 59 23.5	+0.2
N40A	Mertquake, Sal	27.47	93	P	P	22 59 25.0	+1.3
E42A	Champion	27.48	80	P	P	22 59 24.9	+1.1
Q39A	Willow Grove F	27.53	98	P	P	22	

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like JHO Kawauchi, BSO1 Boso, JF3 Boso, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like TORO Torodi Ar. Bea, ASAR Alice Springs, H1S12 WAKE ISLAND, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Near coast of Chiapas, IDC 14 23:39:15.0, GCMT 14 23:39:16.4, etc.

SJG	comp=Z,49nm,1.1s	40.14 298	P	P	23 46 52.8 +0.1
SJG	comp=Z,8.6nm,0.2s,baz=56,slow=4.3,SNR=5.4	40.14 298	eP	Pmax	23 46 52.9 +0.1
SJG	comp=Z,179nm,1.7s			MLR	MLR
SJG	comp=Z,1µm,22.0s	40.14 298	eP	P	23 46 52.9 +0.1
SJG	comp=Z,179nm,1.7s			LR	LR
TAM	comp=Z,1µm,22.0s	40.20 55	P	Pmax	23 46 53.9 +0.5
TAM	comp=Z,64nm,2.0s	40.20 55	PFAKE	LR	23 47 10.0 +17
H09N1	comp=Z,3µm,20.0s	40.62 159	T	TR	00 30 36.6
TRISTAN DA CUN	SNR=966				
MORF	Marletele	40.96 25	eP	P	23 46 59.8 +0.3
MORF	comp=Z,129nm,1.2s			AMB	23 47 00.8
MORF	Marletele	40.96 25	eS	S	23 53 13.4 +2.5
MORF	comp=Z,134nm,1.1s			P	23 47 00.0 +0.6
MORF	Marletele	40.96 25	eP	P	23 46 59.7 +0.3
MORF	comp=Z,134nm,1.1s			S	23 53 13.4 +2.5
PTEO	Sao Teotonio	41.13 25	eP	P	23 47 02.0 +1.3
PBDV	Barranco-do-Ve	41.22 26	eP	P	23 47 02.0 +1.3
PBDV	comp=Z,148nm,1.5s				
SFS	San Fernando	41.38 28	eS	S	23 53 22.2 +7.5
SFS	comp=Z,110nm,1.4s			Pmax	23 47 04.2 +1.5
SFS	comp=Z,153nm,1.5s				
SFS	San Fernando	41.38 28	eP	P	23 47 04.2 +1.5
SFS	comp=Z,153nm,1.5s				
PVAQ	Vaqueiros	41.45 26	eP	P	23 47 04.0 +0.7
PVAQ	comp=Z,115nm,2.1s				
PVAQ			eS	S	23 53 28.6 +11
PVAQ	comp=Z,919nm,20.0s		eLR	LR	23 58 22.9
MESJ	Mesjejana	41.60 25	eP	AMB	23 47 04.9 +0.4
MESJ	comp=Z,48nm,1.7s				23 47 08.4
MESJ	Mesjejana	41.60 25	eS	S	23 53 22.7 +2.5
MESJ	comp=Z,48nm,1.7s			P	23 47 04.9 +0.4
MESJ	Mesjejana	41.60 25	eS	S	23 53 22.6 +2.5
MESJ	comp=Z,48nm,1.7s			P	23 47 06.0 +0.7
PNCL	Nicolau / Gran	41.70 25	eP	P	23 47 08.0 +0.9
PBEJ	Beja	41.91 25	eP	P	23 47 08.0 +0.9
PBEJ	comp=Z,68nm,2.2s				
LPAZ	La Paz	42.00 244	P	P	23 47 09.6 +0.8
LPAZ	comp=Z,26nm,0.8s,baz=51,slow=8.0,SNR=40			LR	00 04 16.9
LPAZ	comp=Z,3µm,18.3s,baz=72,slow=36			LR	00 04 16.9
LPAZ	La Paz	42.00 244	eP	P	23 47 09.7 +0.8
LPAZ	comp=Z,89nm,1.4s			Pmax	
LPAZ	La Paz	42.00 244	eP	P	23 47 09.7 +0.8
LPAZ	comp=Z,89nm,1.4s				
SDV	Santo Domingo	42.01 282	P	P	23 47 08.6 +0.1
SDV	comp=Z,48nm,0.8s,baz=56,slow=5.6,SNR=56				
SDV	comp=Z,390nm,19.7s,baz=89,slow=35			LR	00 03 44.8
SDV	Santo Domingo	42.01 282	eP	P	23 47 08.8 +0.3
SDV	comp=Z,92nm,1.0s			LR	
SDV				LR	
PMAFR	Evora	42.11 23	eS	S	23 53 37.2 +9.4
EVO	comp=Z,507nm,22.0s				
EVO	Evora	42.27 25	eP	P	23 47 10.8 +0.8
PBAR	Barrancos	42.39 26	eP	P	23 47 10.8 -0.2
PBAR	comp=Z,98nm,1.4s				
PBAR	Barrancos	42.39 26	eS	S	23 53 42.3 +10
PMTG	Montargil	42.63 24	eP	P	23 47 13.7 +0.7
PMTG	comp=Z,99nm,1.7s				
PMTG	Estremoz	42.73 25	eS	S	23 53 46.2 +11
PESTR	comp=Z,68nm,1.4s			P	23 47 14.3 +0.5
PESTR	Estremoz	42.73 25	eS	S	23 53 46.9 +10
PESTR	comp=Z,68nm,1.4s			P	23 47 15.1 +1.3
PTOM	Tomar	43.02 24	eP	P	23 47 17.1 +1.0
PTOM	comp=Z,39nm,1.3s				
PMRV	Mary??o	43.28 25	eP	P	23 47 19.4 +1.1
PMRV	comp=Z,147nm,1.2s				
PMRV	Mary??o	43.28 25	eP	P	23 47 19.4 +1.1
PMRV	comp=Z,123nm,1.9s				
PMRV			eS	S	23 53 50.0 +5.0
PMRV			eLR	LR	23 59 31.3
PCBR	Castelo Branco	43.59 24	eP	P	23 47 22.1 +1.4
MTE	Manteigas	44.04 24	eP	P	23 47 24.5 +0.1
MTE	comp=Z,97nm,1.3s				
MTE	Manteigas	44.04 24	eS	S	23 54 08.2 +12
MTE	comp=Z,943nm,20.0s			LR	23 59 42.8
MTE	Manteigas	44.04 24	eP	P	23 47 24.3 -0.1
MTE	comp=Z,74nm,1.2s			LR	
RUSC	La Rusia	44.07 278	eP	P	23 47 26.3 +0.7
RUSC	comp=Z,1µm,20.0s				
PVIS	Viscu	44.17 23	eP	P	23 47 25.8 +0.4
PVIS	comp=Z,166nm,1.7s				
PVIS	Viscu	44.17 23	eP	P	23 47 25.8 +0.4
PVIS	comp=Z,141nm,1.4s				
MNMC	Minye Minye	44.32 241	eP	P	23 47 28.8 +1.5
MNMC	comp=Z,20nm,1.3s				
PB11	IPOC Station P	44.61 240	eP	P	23 47 29.8 +0.4
PB11	comp=Z,36nm,1.3s				
PVRL	Vila Real	44.71 23	eP	P	23 47 30.3 +0.5
PAB	San Pablo	44.72 28	eP	Pmax	23 47 30.2 +0.3
PAB	comp=Z,102nm,1.3s				
PAB	comp=Z,948nm,19.0s			MLR	MLR
PAB	San Pablo	44.72 28	eP	P	23 47 30.2 +0.3
PAB	comp=Z,102nm,1.3s			LR	LR
POLO	Lamas de Olo	44.77 23	eP	P	23 47 31.0 +0.8
POLO	comp=Z,948nm,19.0s				
POLO	Lamas de Olo	44.77 23	eS	S	23 54 15.6 +8.8
CART	Cartagena	44.87 32	eP	P	23 47 31.0 0.0
CART	comp=Z,168nm,1.6s				
MVO	Moncorvo	44.89 24	eP	P	23 47 31.6 +0.4
MVO	comp=Z,95nm,1.7s				
MVO	Moncorvo	44.89 24	eS	S	23 54 18.7 +10
MVO	comp=Z,95nm,1.7s			eLR	00 00 09.3
PB01	IPOC Station P	44.97 239	eP	P	23 47 32.4 +0.2
PB01	comp=Z,14nm,1.1s				
ESDC	Sonsec Array	45.00 28	P	P	23 47 32.9 +0.8
ESDC	comp=Z,39nm,0.9s,baz=224,slow=8.7,SNR=112			LR	00 03 18.4
ESLA	Sonsec Array	45.00 28	P	P	23 47 33.0 +0.9
ESLA	comp=Z,609nm,21.9s,baz=215,slow=32				
ESLA	Sonsec Array	45.00 28	P	P	23 47 33.0 +0.9
ESLA	comp=Z,103nm,1.2s				
SDDR	Presa de Saban	45.02 296	eP	P	23 47 32.2 -0.4
SDDR	comp=Z,104nm,1.5s				
SDDR	Pres de Saban	45.02 296	LR	LR	
SDDR	comp=Z,651nm,20.0s				
ES19	SONSEC Array	45.05 28	eP	P	23 47 32.9 +0.3
PGAV	Gavireira, Arco	45.09 22	eP	P	23 47 33.5 +0.7
PGAV	comp=Z,128nm,1.4s				
PGAV	Gavireira, Arco	45.09 22	eLR	LR	00 00 12.0
PGAV	comp=Z,1µm,20.0s				
ROSC	El Roisal	45.22 276	P	P	23 47 35.2 +0.6
ROSC	comp=Z,1µm,20.0s				
ROSC	El Roisal	45.22 276	LR	LR	00 05 12.8
ROSC	comp=Z,7.4nm,0.8s,baz=106,slow=4.3,SNR=48				
ROSC	El Roisal	45.22 276	P	P	23 47 35.0 +0.4
ROSC	comp=Z,2µm,21.3s,baz=102,slow=34				
ROSC	El Roisal	45.22 276	P	P	23 47 35.0 +0.4
ROSC	comp=Z,532nm,1.9s				
PBRG	Braganca	45.55 24	eP	P	23 47 37.3 +0.9
PBRG	comp=Z,58nm,1.5s				
PBRG	Prado	45.73 274	eP	P	23 54 29.7 +12
PRAC	Prado	45.73 274	eP	P	23 47 37.4 -0.9
PRAC	comp=Z,184nm,1.7s				
BBSR	BB Station	45.85 317	PFAKE	LR	23 47 50.0 +11
BBSR	comp=Z,745nm,19.0s			LR	
HELX	Santa Helena	46.52 278	eP	P	23 47 43.6 -1.3
HELX	comp=Z,390nm,1.6s				
PB10	IPOC Station P	46.89 236	eP	P	23 47 49.8 +2.6
PB10	comp=Z,26nm,1.1s				
GTBY	Guantanamo Bay	48.74 296	PFAKE	LR	23 48 10.0 +8.4
GTBY	comp=Z,655nm,19.0s			LR	
NNA	Nana	48.98 253	iP	P	23 48 03.0 -0.6

NNA	Nana	48.98 253	eP	P	23 48 02.3 -1.3
NNA	comp=Z,55nm,1.1s			LR	LR
TRQA	comp=Z,510nm,20.0s	49.09 214	eP	P	23 48 04.0 0.0
TRQA	comp=Z,35nm,1.3s			LR	LR
OTAV	comp=Z,1µm,20.0s	49.24 270	eP	P	23 48 05.4 -0.8
OTAV	comp=Z,27nm,1.0s			LR	LR
LCO	comp=Z,563nm,20.0s	49.52 230	eP	P	23 48 07.6 -0.2
LCO	comp=Z,29nm,1.2s			LR	LR
EPF	Esparrros	49.64 28	eP	Pmax	23 48 09.2 +1.0
EPF	comp=Z,113nm,1.3s			Pmax	
KEST	Kesra	49.87 42	P	P	23 48 10.8 +0.6
KEST	comp=Z,51nm,0.9s,baz=288,slow=2.7,SNR=23			LR	00 09 56.4
KEST	Kesra	49.87 42	eP	P	23 48 11.2 +1.0
KEST	comp=Z,2µm,19.8s,baz=207,slow=9			LR	
TSUM	Tsumeb	50.03 116	P	P	23 48 12.2 +0.5
TSUM	comp=Z,49nm,0.9s				
TSUM	Tsumeb	50.03 116	eP	P	23 48 12.0 +0.3
TSUM	comp=Z,19nm,0.9s,baz=281,slow=6.9,SNR=29				
TSUM	Tsumeb	50.03 116	eP	P	23 48 12.0 +0.3
TSUM	comp=Z,53nm,1.3s			LR	LR
MTDJ	Mount Denham	50.48 293	PFAKE	LR	23 48 30.0 +15
MTDJ	comp=Z,145nm,21.0s				
BCIP	Isla Barro Col	51.06 281	eP	P	23 48 19.5 +0.2
BCIP	comp=Z,39nm,0.7s			LR	LR
BCIP	Isla Barro Col	51.06 281	LR	LR	
BCIP	comp=Z,491nm,22.0s				
LCFF	La Frestale	51.29 27	eP	P	23 48 21.0 +0.5
LCFF	comp=Z,101nm,0.9s			Pmax	
ROCI	El Roble	51.77 226	eP	P	23 48 24.8 0.0
ROCI	comp=Z,14nm,0.9s				
CAF	Calviac	51.89 28	eP	Pmax	23 48 25.3 +0.2
CAF	comp=Z,69nm,1.3s			Pmax	
RJF	Les Rejaudoux	51.92 27	eP	Pmax	23 48 25.1 -0.2
RJF	comp=Z,43nm,1.1s			Pmax	
VSL	Villasalto	52.13 38	PFAKE	LR	23 48 40.0 +13
VSL	comp=Z,833nm,20.0s			LR	LR
ROSF	Rostrene	52.37 22	eP	P	23 48 28.8 +0.3
ROSF	comp=Z,68nm,1.2s			Pmax	
ROSF	Rostrene	52.37 22	eP	Pmax	23 48 28.8 +0.3
ROSF	comp=Z,68nm,1.2s			Pmax	
TCF	Touix Ste Croi	52.99 27	eP	Pmax	23 48 33.3 +0.1
TCF	comp=Z,51nm,1.2s			Pmax	
VIVF	Saint-Julien-I	53.10 30	eP	P	23 48 34.5 +0.4
VIVF	comp=Z,91nm,1.3s			Pmax	
GRR	Gorron	53.33 23	eP	Pmax	23 48 35.6 0.0
GRR	comp=Z,73nm,1.4s			Pmax	
SSB	Saint Sauveur	53.34 29	eP	Pmax	23 48 36.7 +0.9
SSB	comp=Z,46nm,1.2s			MLR	MLR
SSB	Saint Sauveur	53.34 29	eP	P	23 48 36.7 +0.9
SSB	comp=Z,46nm,1.2s			LR	LR
WDD	Wied Dalam	53.46 44	PFAKE	LR	23 48 50.0 +13
WDD	comp=Z,1µm,21.0s				
BGF	Bois d'Agland	53.48 27	eP	Pmax	23 48 37.3 +0.5
BGF	comp=Z,2µm,20.0s			Pmax	
CLTB	Caltabellotta	53.48 42	eP	P	23 48 38.1 +1.0
CLTB	comp=Z,68nm,1.1s			LR	LR
CLTB	Caltabellotta	53.48 42	eP	P	23 48 38.1 +1.0
CLTB	comp=Z,65nm,1.0s			LR	LR
GO05	Hualafu	53.50 224	eP	P	23 48 38.2 +1.0
GO05	comp=Z,68nm,20.0s				
GO05	Hualafu	53.50 224	eP	P	23 48 38.2 +1.0
GO05	comp=Z,65nm,1.1s				
ORIF	Oris-en-Rattie	53.75 30	eP	Pmax	23 48 39.7 +0.8
ORIF	comp=Z,83nm,1.6s			Pmax	
FLN	La Foliniere	53.78 23	eP	P	23 48 38.8 -0.1
FLN	comp=Z,41nm,1.0s			Pmax	
AVF	Avril sur Lor	53.88 27	eP	Pmax	23 48 39.7 0.0
AVF	comp=Z,19nm,1.1s			Pmax	
VAE	Valguarnera	54.23 43	LR	LR	00 12 15.4
VAE	comp=Z,843nm,18.1s,baz=324,slow=37				
BNI	Bardonecchia	54.25 31	eP	Pmax	23 48 43.9 +1.3
BNI	comp=Z,102nm,1.4s			Pmax	
BNI	Bardonecchia	54.25 31	eP	P	23 48 43.9 +1.3

045A	baz=107 Potomac	65.87 314	P	P	23 50 01.1	-1.2	SFJD	baz=109 Kangerlussuaq	67.73 351	LR	LR	00 13 12.5	X39A	baz=112 Fountain Ranch	69.01 307	P	P	23 50 20.9	-1.5	
ISR	baz=111 Isritra	65.89 40	P	P	23 50 02.2	-0.2	HFS	comp=Z,235nm,20.1s, baz=158,slow=30	67.73 351	P	P	23 50 13.8	0.0	T39A	baz=106 Clever	69.07 310	P	P	23 50 21.1	-1.6
KONO	Kongsberg	65.92 201	eP	Pmax	23 50 02.9	-0.3	HFS	comp=Z,20nm,1.2s, baz=193,slow=5, SNR=4.6	67.73 351	LR	LR	00 15 24.7	J40A	baz=110 Soldiers Grove	69.08 317	P	P	23 50 20.9	-1.7	
ISP	comp=Z,9.0nm,1.0s Isparta	65.93 49	PFAKE	LR	23 50 20.0	+1.7	M42A	comp=Z,631nm,21.5s, baz=229,slow=32	67.73 351	P	P	23 50 12.1	-2.1	K40A	baz=109 Colesburg	69.12 316	P	P	23 50 21.0	-1.8
ISP	LR						CCM	Cathedral Cave	67.74 311	P	P	23 50 12.2	-2.1	I40A	baz=110 Norwalk	69.16 317	P	P	23 50 21.4	-1.6
N45A	comp=Z,215nm,21.0s Kentland	65.93 315	P	P	23 50 01.5	-1.2	CCM	Cathedral Cave	67.74 311	eP	Pmax	23 50 12.9	-1.4	R39A	baz=106,SNR=11 Chumby, Stover	69.17 311	P	P	23 50 22.2	-1.1
NAI	baz=111 Nairobi	66.04 92	eP	Pmax	23 50 05.8	+1.6	CCM	comp=Z,23nm,1.2s Cathedral Cave	67.74 311	eP	P	23 50 12.9	-1.4	S39A	baz=106,SNR=9.0 Boliva	69.21 310	P	P	23 50 22.0	-1.5
NAI	comp=Z,22nm,0.6s Nairobi	66.04 92	eP	Pmax	23 50 05.8	+1.6	U41A	baz=106 Viola	67.76 309	P	P	23 50 12.6	-1.9	H40A	baz=110 Chili	69.26 318	P	P	23 50 22.1	-1.6
F46A	comp=Z,22nm,0.6s Macinaw City C	66.04 321	P	P	23 50 02.2	-1.1	WHAR	baz=106 Woolly Hollow	67.76 308	eP	P	23 50 13.4	-1.0	P39B	baz=110 Salisbury	69.29 312	P	P	23 50 22.3	-1.6
PGOR	baz=109 Pogoanele	66.08 40	P	P	23 50 04.1	+0.5	V41A	comp=Z,31nm,1.4s Mountainview	67.79 309	P	P	23 50 12.8	-1.9	ILGA	comp=Z,90nm,1.4s Ilgaz	69.30 46	eP	P	23 50 24.8	+0.5
S44A	baz=109 Carbondale	66.13 311	P	P	23 50 02.6	-1.4	X301	baz=106 Greenbrier Sit	67.83 308	eP	P	23 50 14.1	-0.9	Q39A	baz=107 Willow Grove F	69.32 312	P	P	23 50 22.9	-1.3
BUR04	Bucovina Ar. S	66.17 37	eP	P	23 50 04.3	0.0	T41A	comp=Z,18nm,1.2s Mountain View	67.84 310	P	P	23 50 13.3	-1.7	O39A	baz=107 Kirkville	69.36 313	P	P	23 50 22.3	-2.1
BUR04	Bucovina Array	66.17 37	P	P	23 50 04.7	+0.5	L42A	baz=107 Oliver, Polo	67.86 316	P	P	23 50 13.4	-1.5	G40A	baz=110 Rib Lake	69.36 319	P	P	23 50 22.7	-1.6
BUR08	Bucovina Ar. S	66.17 37	eP	P	23 50 05.2	+1.0	K42A	baz=111 Prairie Point	67.90 316	P	P	23 50 14.0	-1.2	ASF	comp=Z,15nm,1.2s, baz=188,slow=4.3, SNR=18	69.45 56	P	P	23 50 25.5	+0.2
R44A	Waltonville	66.18 312	P	P	23 50 02.9	-1.4	R41A	baz=111 Rosebud	67.91 311	P	P	23 50 14.0	-1.3	ASF	comp=Z,582nm,18.2s, baz=197,slow=3.8	69.46 314	LR	LR	00 22 39.2	
P44A	baz=109 Sand Creek, Wi	66.24 313	P	P	23 50 03.3	-1.4	J42A	baz=111 Columbus	67.94 317	P	P	23 50 14.7	-0.7	M39A	comp=Z,52nm,1.0s, baz=108	69.47 307	P	P	23 50 23.3	-1.7
PLOR	Plostina	66.27 39	P	P	23 50 04.9	+0.1	S41A	baz=109 Jilco Farms,	67.98 311	P	P	23 50 14.2	-1.6	W38A	baz=108 Poteau	69.47 307	P	P	23 50 23.9	-1.3
PLOR	Plostina	66.27 39	P	P	23 50 04.9	+0.1	X40A	comp=Z,23nm,1.0s Basin Creek Fa	67.98 307	P	P	23 50 14.1	-1.8	N39A	baz=104 Denby Farms, D	69.51 314	P	P	23 50 23.6	-1.7
VRI	Vrincioia	66.33 39	P	P	23 50 05.2	+0.1	Q41A	baz=105 Truxton	68.00 312	P	P	23 50 14.3	-1.6	L39A	baz=108 Vinton	69.54 315	P	P	23 50 23.6	-1.8
VRI	Vrincioia	66.33 39	P	P	23 50 05.2	+0.1	WLAR	baz=108,SNR=5.9 White Oak Lake	68.00 306	eP	P	23 50 16.2	+0.2	F40A	baz=108 Park Falls	69.54 319	P	P	23 50 24.3	-1.1
Q44A	Meyer Farm, Va	66.34 313	P	P	23 50 04.0	-1.4	I42A	comp=Z,49nm,1.0s Draeger Farm,	68.01 318	P	P	23 50 14.1	-1.8	V38A	baz=104 Canehill	69.58 308	P	P	23 50 24.1	-1.1
N44A	baz=109 Piper City	66.35 315	P	P	23 50 03.8	-1.6	FURI	baz=112 Fur	68.03 81	eP	P	23 50 18.3	+1.4	E40A	baz=104 Wakefield	69.59 320	P	P	23 50 24.3	-1.4
143A	baz=111,SNR=5.6 Soos Landing,	66.37 306	P	P	23 50 04.3	-1.3	FURI	comp=Z,136nm,1.4s Furi	68.03 81	iP	P	23 50 19.5	+2.6	S38A	baz=105,SNR=9.9 Stockton	69.64 310	P	P	23 50 24.4	-1.8
O44A	baz=110 Mansfield	66.37 314	P	P	23 50 04.2	-1.4	FURI	comp=Z,136nm,1.4s Furi	68.03 81	iP	P	23 50 19.5	+2.6	K39A	baz=109 Oelwein	69.64 316	P	P	23 50 24.3	-1.8
X43A	baz=106 Marvell	66.44 308	P	P	23 50 04.3	-1.7	P41A	baz=106 Barry, Barry	68.03 313	P	P	23 50 14.6	-1.9	U38A	baz=105 Gravette	69.70 309	P	P	23 50 25.0	-1.6
KMBO	comp=Z,23nm,1.0s, baz=252,slow=6.0, SNR=31	66.48 92	eP	LR	00 15 07.7		O41A	baz=108 Passleys Farm,	68.10 313	P	P	23 50 14.2	-2.3	SCO	baz=105 Scoresbysund	69.71 3	iP	P	23 50 26.2	+0.3
KMBO	comp=Z,217nm,20.8s, baz=270,slow=32	66.48 92	eP	LR	23 50 08.9	+1.9	SUW	baz=108 Suwalki	68.10 30	eP	P	23 50 16.7	0.0	SCO	baz=105,SNR=6.8 Scoresbysund	69.71 3	iP	P	23 50 26.2	+0.3
KMBO	comp=Z,42nm,1.1s						SUW	baz=110 Suwalki	68.10 30	eP	P	23 50 16.4	-0.4	J39A	baz=108 Decorah	69.72 316	P	P	23 50 24.7	-1.9
KMBO	comp=Z,68nm,20.0s, SNR=6.5	66.48 92	iP	P	23 50 09.4	+2.3	G42A	comp=Z,23nm,1.0s Mountain	68.19 319	P	P	23 50 15.6	-1.4	I39A	baz=109 Houston	69.76 317	P	P	23 50 25.5	-1.4
F45A	CMU Biological	66.48 320	P	P	23 50 05.5	-0.6	Y40A	baz=112 Okolona	68.22 306	P	P	23 50 15.3	-2.1	Q38A	baz=109 Cooke Store, C	69.78 311	P	P	23 50 25.9	-1.1
ODBI	baz=115 Odobesti	66.49 39	iP	P	23 50 06.4	+0.2	BR231	ANTO	68.24 47	eP	P	23 50 20.8	+3.2	T38A	baz=105 Diamond	69.78 309	P	P	23 50 25.5	-1.6
M44A	Midewin, Midew	66.50 315	P	P	23 50 04.1	-2.3	ANTO	comp=Z,74nm,1.2s	68.26 47	eP	Pmax	23 50 17.6	-0.1	R38A	baz=106,SNR=11 Fenwick Farm,	69.79 311	P	P	23 50 25.5	-1.6
LVV	L'vov	66.52 34	eP	P	23 50 05.2	-1.1	ANTO	comp=Z,74nm,1.2s	68.26 47	eP	Pmax	23 50 17.6	-0.1	AK11	baz=105 Kiev	69.84 35	eP	P	23 50 26.5	-0.6
BOLV	comp=Z,92nm,1.4s Bolvadn	66.54 48	eP	P	23 50 07.1	+0.3	ANTO	comp=Z,74nm,1.2s	68.26 47	eP	Pmax	23 50 17.6	-0.1	KIEV	comp=Z,73nm,1.1s Kiev	69.88 35	eP	P	23 50 27.2	-0.1
TESR	Tescani	66.55 39	iP	P	23 50 06.7	+0.1	ANTO	comp=Z,74nm,1.2s	68.26 47	eP	Pmax	23 50 17.6	-0.1	KIEV	comp=Z,82nm,1.0s Kiev	69.88 35	iP	P	23 50 27.2	-0.1
E45A	Wooded Hills,	66.56 321	P	P	23 50 05.1	-1.5	ANTO	comp=Z,74nm,1.2s	68.26 47	eP	Pmax	23 50 17.6	-0.1	H39A	SNR=5.0 Augusta	69.88 318	P	P	23 50 26.3	-1.2
PR4R	RASCAL	66.67 38	iP	P	23 50 07.8	+0.5	M41A	comp=Z,74nm,1.2s	68.26 47	eP	Pmax	23 50 17.6	-0.1	AKASG	baz=110 Main Array Be	69.89 35	eP	P	23 50 27.1	-0.3
S43A	Fulton Ridge,	66.71 311	P	P	23 50 05.9	-1.8	ANTO	comp=Z,74nm,1.2s	68.26 47	eP	Pmax	23 50 17.6	-0.1	AKBB	comp=Z,49nm,0.8s, baz=245,slow=6.3, SNR=82	69.89 35	eP	Pmax	23 50 27.2	-0.2
T43A	Greenville	66.72 310	P	P	23 50 06.8	-1.1	ANTO	comp=Z,74nm,1.2s	68.26 47	eP	Pmax	23 50 17.6	-0.1	AKBB	comp=Z,93nm,1.0s Main Array Si	69.89 35	eP	Pmax	23 50 27.2	-0.2
342A	Flagon Creek P	66.79 304	P	P	23 50 07.3	-1.1	M41A	comp=Z,74nm,1.2s	68.26 47	eP	Pmax	23 50 17.6	-0.1	P38A	baz=106 Dawn	69.90 312	P	P	23 50 25.8	-1.9
242A	Grayson	66.82 305	P	P	23 50 07.5	-1.1	N41A	baz=109 Harden Midland	68.27 314	P	P	23 50 15.7	-1.9	E39A	baz=111 Mellen	69.99 320	P	P	23 50 26.7	-1.4
R43A	Red Bud	66.82 312	P	P	23 50 06.4	-2.1	E42A	baz=109 Champion	68.31 321	P	P	23 50 16.4	-1.4	G39A	baz=110 Holcombe	70.01 318	P	P	23 50 27.0	-1.3
TIRR	Tirgisor	66.83 41	eP	Pmax	23 50 07.3	-1.1	V40A	baz=113 Witts Springs	68.32 308	P	P	23 50 16.0	-2.0	N38A	baz=107 Judson South For	70.02 313	P	P	23 50 26.7	-1.8
TIRR	comp=Z,81nm,1.6s Tirgisor	66.83 41	eP	Pmax	23 50 07.3	-1.1	W40A	baz=105,SNR=8.2 Ferguson Farm,	68.35 308	P	P	23 50 17.4	-0.8	X37A	baz=103 Clayton	70.04 307	P	P	23 50 27.0	-1.6
TIRR	comp=Z,90nm,1.6s New Douglas	66.86 312	P	P	23 50 06.7	-2.0	MMAI	baz=105,SNR=8.2 Mount Meron Ar	68.41 55	P	P	23 50 19.6	+0.8	F39A	baz=114 Loretta	70.06 319	P	P	23 50 26.9	-1.7
CFR	Carcaiu	66.94 40	iP	P	23 50 08.6	-0.5	MMAI	comp=Z,5.4nm,0.8s, baz=296,slow=3.1, SNR=18	68.41 55	P	P	00 21 50.6		V37A	baz=106,SNR=5.7 Hulbert	70.16 308	P	P	23 50 27.8	-1.6
Z42A	Norref Spur, H	66.96 306	P	P	23 50 07.8	-1.6	T40A	comp=Z,329nm,18.2s, baz=245,slow=37	68.45 310	P	P	23 50 17.6	-1.2	M38A	baz=107 Pleasantville	70.17 314	P	P	23 50 27.5	-1.9
P43A	Skaggs, Pawnee	66.96 313	P	P	23 50 08.2	-1.1	L41A	baz=106,SNR=13 Preston	68.46 315	P	P	23 50 16.9	-1.8	C39A	baz=112 Grand Marais	70.24 321	P	P	23 50 27.6	-2.1
FVM	French Village	67.10 311	eP	Pmax	23 50 09.4	-0.9	U40A	baz=106,SNR=6.2 Yellville	68.49 309	P	P	23 50 17.3	-1.8	J38A	baz=108 Wedel Dairy, R	70.25 316	P	P	23 50 27.8	-2.0
FVM	comp=Z,10.0nm,0.9s French Village	67.10 311	eP	Pmax	23 50 09.4	-0.9	K41A	baz=110 Shellsburg	68.51 316	P	P	23 50 17.7	-1.4	U37A	baz=108 Salina	70.27 309	P	P	23 50 28.5	-1.5
HDIL	comp=Z,9.5nm,0.9s Hopedale	67.10 314	P	P	23 50 08.5	-1.7	S40A	baz=106,SNR=14 Shannon	68.56 310	P	P	23 50 18.0	-1.5	T37A	baz=106,SNR=11 Cheneyville 18	70.29 309	P	P	23 50	

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like 435B Jarrell, SPMM Marine on St., TOKA Tokat, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like FINES FINESS Array B, H33A Coleman, G33A Ortonville, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like GOF GOF, ZEI Tsey, GNI Gani, etc.

TUC	comp-Z,631nm,19.0s	82.44 302	P	P	23 51 38.3 -1.1
TUC	baz=94	82.44 302	P	P	23 51 41.0 +1.6
TUC	comp-Z,67nm,1.4s	82.44 302	P	P	23 51 50.0 +1.1
TUC	comp-Z,340nm,21.0s	82.44 302	P	P	23 51 50.0 +1.1
P18A	Preston Nutter	82.57 310	eP	P	23 51 40.6 +0.4
SRU	San Rafael Swe	82.74 309	eP	P	23 51 41.6 +0.6
SRU	comp-Z,5.0nm,0.9s	82.74 309	eP	P	23 51 41.6 +0.6
SRU	San Rafael Swe	82.74 309	eP	P	23 51 41.6 +0.6
EGMT	Eagleton	83.06 318	P	P	23 51 42.5 +0.2
EGMT	baz=96	83.06 318	P	P	23 51 44.9 +2.6
EGMT	comp-Z,18nm,1.4s	83.06 318	P	P	23 51 44.9 +2.6
X16A	Lo Mia Camp, P	83.12 304	eP	P	23 51 44.0 +0.9
WUAZ	Wupatki	83.14 306	eP	P	23 51 43.3 +0.2
WUAZ	baz=94	83.14 306	eP	P	23 51 43.2 +0.1
WUAZ	comp-Z,34nm,1.6s	83.14 306	eP	P	23 51 43.2 +0.1
LKWY	Lake	83.14 315	PFAKE	LR	23 51 50.0 +7.0
LKWY	comp-Z,688nm,19.0s	83.14 315	PFAKE	LR	23 51 50.0 +7.0
SYO	Gyowa Base	83.28 160	eP	P	23 51 42.0 -0.8
MOOW	Moose Ponds	83.31 314	eP	P	23 51 43.3 -0.6
REDW	Red Top Meadow	83.36 313	eP	P	23 51 44.2 +0.1
TPAW	Teton Pass	83.44 314	eP	P	23 51 44.6 0.0
YHH	Holmes Hill	83.48 315	eP	P	23 51 45.8 +1.0
AHID	Auburn Hatcher	83.48 313	PFAKE	LR	23 52 00.0 +15
AHID	comp-Z,1.1um,22.0s	83.48 313	PFAKE	LR	23 52 00.0 +15
FXWY	Fox Creek	83.51 314	eP	P	23 51 44.9 0.0
YMR	Madison River	83.55 315	eP	P	23 51 46.4 +1.3
JLU	Jordanelle	83.57 311	eP	P	23 51 48.5 +3.2
HWUT	Hardware Ranch	83.73 312	eP	P	23 51 45.1 -1.0
HWUT	comp-Z,2.2nm,1.7s	83.73 312	eP	P	23 51 45.1 -1.0
HWUT	comp-Z,4.0nm,0.9s	83.73 312	eP	P	23 51 45.1 -1.0
U15A	North Rim	83.94 306	eP	P	23 51 48.1 +0.8
MTPU	Mount Pierson	83.96 308	eP	P	23 51 48.6 +1.1
MSU	Marysvale	83.98 308	eP	P	23 51 48.2 +0.8
MSU	Marysvale	83.98 308	eP	P	23 51 48.2 +0.8
NLU	North Lily Min	84.00 310	eP	P	23 51 48.2 +0.8
BOZ	Bozeman (W)	84.10 316	P	P	23 51 48.0 +0.2
BOZ	baz=95	84.10 316	P	P	23 51 48.0 +0.2
BOZ	Bozeman (W)	84.10 316	PFAKE	LR	23 52 00.0 +12
BOZ	comp-Z,423nm,19.0s	84.10 316	PFAKE	LR	23 52 00.0 +12
214A	Organ Pipe Nat	84.14 302	P	P	23 51 48.4 +0.3
214A	baz=93	84.14 302	P	P	23 51 48.4 +0.3
214A	Organ Pipe Nat	84.14 302	eP	P	23 51 48.6 +0.5
214A	comp-Z,49nm,1.2s	84.14 302	eP	P	23 51 48.6 +0.5
HRY	Holter Researc	84.34 317	eP	P	23 51 49.5 +0.6
AJN	Ajban	84.38 66	P	P	23 51 49.7 +0.3
Y14A	Wickenburg	84.39 304	eP	P	23 51 50.0 +0.6
DUG	Dugway, Tooele	84.58 310	PFAKE	LR	23 52 00.0 +10
DUG	comp-Z,931nm,20.0s	84.58 310	PFAKE	LR	23 52 00.0 +10
SZCU	Shurtz Canyon	84.64 308	eP	P	23 51 51.3 +0.5
HVU	Hansel Valley	84.65 312	eP	P	23 51 50.7 +0.1
HVU	comp-Z,1.4nm,1.5s	84.65 312	eP	P	23 51 50.7 +0.1
HVU	Hansel Valley	84.65 312	eP	P	23 51 50.7 +0.1
HVU	comp-Z,1.4nm,1.5s	84.65 312	eP	P	23 51 50.7 +0.1
LRM	Limekiln Ridge	84.70 316	eP	P	23 51 51.4 +0.5
DLMT	Dillon	84.78 315	eP	P	23 51 52.4 +1.3
MSEY	Mahe Island	84.77 95	PFAKE	LR	23 52 00.0 +8.3
MSEY	comp-Z,571nm,20.0s	84.77 95	PFAKE	LR	23 52 00.0 +8.3
BSGU	Big Grassy Mow	84.79 311	eP	P	23 51 54.6 +3.2
BSGU	comp-Z,19nm,1.6s	84.79 311	eP	P	23 51 54.6 +3.2
SHAO	Shalim	84.83 72	P	P	23 51 51.7 -0.1
CCUT	Cedar City	84.86 307	eP	P	23 51 52.8 +0.9
CCUT	comp-Z,9.3nm,1.2s	84.86 307	eP	P	23 51 52.8 +0.9
MCMT	McKenzie Canyo	84.91 315	eP	P	23 51 55.7 +3.7
NAZ	Nazwa, Dubai	85.00 65	iP	P	23 51 52.7 +0.2
ALNE	Al Ain	85.06 66	iP	P	23 51 53.4 +0.5
PDME	Parker Dam,Lak	85.35 304	P	P	23 51 53.8 -0.3
PDME	SNR=28	85.35 304	P	P	23 51 53.8 -0.3
ASHO	Ashiyah	85.35 65	iP	P	23 51 54.5 +0.1
HATO	Hatta, Dubai	85.42 65	iP	P	23 51 54.9 +0.2
HATO	SNR=18	85.42 65	iP	P	23 51 54.9 +0.2
MSFE	Esmā-Masafi	85.46 65	iP	P	23 51 54.8 -0.1
UOSS	Mirazif	85.49 65	iP	P	23 51 54.9 -0.1
UOSS	SNR=12	85.49 65	iP	P	23 51 54.9 -0.1
BANOM	Banah	85.60 64	iP	P	23 51 56.7 +1.1
Y12C	Blythe	85.65 304	P	P	23 51 55.1 -0.5
SOHO	SOHO	85.78 66	iP	P	23 51 56.3 -0.1
SOHO	SNR=20	85.78 66	iP	P	23 51 56.3 -0.1
MSO	Missoula	85.79 317	P	P	23 51 55.9 -0.3
MSO	baz=93	85.79 317	P	P	23 51 55.9 -0.3
MSO	Missoula	85.79 317	eP	P	23 51 56.6 +0.5
MSO	comp-Z,2.1nm,1.5s	85.79 317	eP	P	23 51 56.6 +0.5
GLA	Glamis	85.88 303	P	P	23 51 56.4 -0.5
GLA	baz=92	85.88 303	P	P	23 51 56.4 -0.5
WALA	Waterton Lakes	85.90 319	eP	P	23 51 57.0 +0.2
HLID	Hailey	85.96 313	P	P	23 51 57.0 -0.1
HLID	baz=93	85.96 313	P	P	23 51 57.0 -0.1
HLID	Hailey	85.96 313	eP	P	23 51 57.6 +0.4
HLID	comp-Z,7.7nm,1.2s	85.96 313	eP	P	23 51 57.6 +0.4
IRM	Iron Mountain	86.18 304	P	P	23 51 58.1 -0.1
IRM	baz=92	86.18 304	P	P	23 51 58.1 -0.1
GMRC	Granite Mounta	86.62 305	P	P	23 52 00.5 -0.1
GMRC	baz=91	86.62 305	P	P	23 52 00.5 -0.1
TUQ	Turquoise Moun	86.85 305	P	P	23 52 01.4 -0.3
BELC	Belle Mtn. Jos	86.88 304	P	P	23 52 02.0 +0.2
TPNV	Topopah Spring	87.14 307	eP	P	23 52 00.2 -2.9
TPNV	baz=91	87.14 307	eP	P	23 52 00.2 -2.9
TPNV	comp-Z,9.0nm,0.6s	87.14 307	eP	P	23 52 00.2 -2.9
TPNV	comp-Z,9.3nm,0.6s	87.14 307	eP	P	23 52 00.2 -2.9
YKA	Yellowknife Ar	87.14 332	P	P	23 52 00.8 -1.5
YKA	comp-Z,3.2nm,1.0s, baz=88,slow=5.2,SNR=20	87.14 332	P	P	23 52 00.8 -1.5
YKA	comp-Z,0.4nm,0.7s, baz=284,slow=2.4,SNR=9.1	87.14 332	P	P	00 18 00.5 -1.1
YKA	comp-Z,0.4nm,0.9s, baz=294,slow=1.9,SNR=5.4	87.14 332	P	P	00 18 00.5 -1.1
YKA	comp-Z,2.4nm,20.1s, baz=180,slow=33	87.14 332	P	P	00 27 04.8
YKW3	Yellowknife Ar	87.15 332	eP	P	23 52 02.4 +1.9
HFC	Hector,Ludlow	87.17 305	P	P	23 52 02.9 -0.3
PEO	Pinyon Flats O	87.26 303	P	P	23 52 02.8 -0.9
PFO	Pinyon Flats O	87.26 303	PFAKE	LR	23 52 10.0 +6.3
PFO	comp-Z,538nm,20.0s	87.26 303	PFAKE	LR	23 52 10.0 +6.3
SOKR	Solikamsk	87.26 31	eP	P	23 52 02.0 -0.9
SOKR	comp-Z,36nm,1.2s	87.26 31	eP	P	23 52 02.0 -0.9
SOKR	comp-Z,263nm,16.0s	87.26 31	eP	P	23 52 04.2 +0.1
GEYT	Alibeck	87.38 52	P	P	23 52 04.2 +0.1
GEYT	comp-Z,3.0nm,0.8s, baz=289,slow=5.8,SNR=7.2	87.38 52	P	P	00 33 14.6

GSC	Goldstone, Bar	87.57 305	P	P	23 52 04.3 -0.8
GSC	baz=91	87.57 305	P	P	23 52 04.3 -0.8
AKTO	Aktuybinsk	87.60 40	P	P	23 52 05.4 +0.6
AKTO	comp-Z,7.1nm,1.1s, baz=269,slow=6.6,SNR=11	87.60 40	P	P	00 35 05.3
WSAR	Wadi Sarin	87.69 67	P	P	23 52 06.0 +0.2
WSAR	comp-Z,232nm,18.6s, baz=284,slow=38	87.69 67	P	P	00 31 14.8
WSAR	comp-Z,25nm,1.1s, baz=277,slow=7.4,SNR=5.1	87.69 67	P	P	23 52 20.0 +1.3
NEW	Newport	88.00 318	PFAKE	LR	23 52 07.9 +0.6
NEW	comp-Z,840nm,20.0s	88.00 318	PFAKE	LR	23 52 07.9 +0.6
BMO	Blue Mountains	88.07 315	eP	P	23 52 07.9 +0.6
BMO	comp-Z,14nm,1.4s	88.07 315	eP	P	23 52 07.9 +0.6
BMO	comp-Z,482nm,21.0s	88.07 315	eP	P	23 52 07.9 +0.6
BMO	comp-Z,14nm,1.4s	88.07 315	eP	P	23 52 07.9 +0.6
ARU	Arti	88.08 34	eP	P	23 52 07.6 +0.7
ARU	comp-Z,35nm,1.3s	88.08 34	eP	P	23 52 07.5 +0.5
ARU	Arti	88.08 34	eP	P	23 52 07.5 +0.5
ARU	comp-Z,94nm,1.8s	88.08 34	eP	P	23 52 11.1 +0.1
NVAR	Mina Array Bea	88.78 308	P	P	23 52 11.1 +0.1
NVAR	comp-Z,1.8nm,0.3s, baz=110,slow=3.9,SNR=6.0	88.78 308	P	P	00 26 53.9
NVAR	comp-Z,424nm,21.0s, baz=270,slow=32	88.78 308	P	P	00 25 10.2 -0.4
ABKAR	Abkulk array	88.83 41	eP	P	23 52 20.0 +8.1
WVOR	Wild Horse Val	89.03 312	PFAKE	LR	23 52 20.0 +8.1
WVOR	comp-Z,1.1um,20.0s	89.03 312	PFAKE	LR	23 52 20.0 +8.1
SVE	Sverdlövsk	89.23 33	iP	P	23 52 13.7 +1.3
SVE	comp-Z,43nm,1.5s	89.23 33	iP	P	23 52 21.5 +3.2
BEKR	Beckovrh	90.37 310	eP	P	23 52 21.2 +1.1
BEKR	comp-Z,24nm,0.6s	90.37 310	eP	P	00 25 52.2
QSPA	South Pole Qui	90.89 180	P	P	23 52 21.1 +1.0
QSPA	comp-Z,5.3nm,1.0s, baz=305,slow=0.6,SNR=9.6	90.89 180	P	P	00 27 45.7
QSPA	comp-Z,149nm,21.2s, baz=170,slow=31	90.89 180	P	P	00 29 03.5
QSPA	comp-Z,254nm,19.0s	90.89 180	P	P	23 52 40.0 +12
MAW	Mawson	91.55 157	LR	LR	23 52 40.0 +12
MAW	comp-Z,253nm,18.1s, baz=44,slow=4.5,SNR=8.1	91.55 157	LR	LR	23 52 40.0 +12
YBH	Yreka Blue Hor	92.08 312	LR	LR	23 52 37.6 +1.0
YBH	comp-Z,618nm,21.5s, baz=80,slow=32	92.08 312	LR	LR	23 52 36.6 +0.1
NLWA	Neilton Louok	92.57 317	PFAKE	LR	23 52 39.8 +0.4
NLWA	comp-Z,769nm,19.0s	92.57 317	PFAKE	LR	23 52 40.0 +0.6
INK	Inuvik	94.51 339	P	P	23 52 37.6 +1.0
INK	comp-Z,3.6nm,1.0s, baz=44,slow=4.5,SNR=8.1	94.51 339	P	P	23 52 39.8 +0.4
INK	Inuvik	94.51 339	eP	P	23 52 39.8 +0.4
INK	comp-Z,4.1nm,0.9s	94.51 339	eP	P	23 52 40.0 +0.6
BRVK	Borovyoye	95.06 37	eP	P	23 52 40.0 +0.6
BRVK	comp-Z,5.0nm,1.4s	95.06 37	eP	P	23 52 40.0 +0.6
BRVK	comp-Z,7.8nm,1.4s	95.06 37	eP	P	23 52 40.0 +0.6
BRVK	comp-Z,404nm,20.0s	95.06 37	eP	P	23 53 10.0 +15
EGAK	Eagle	98.47 336	PFAKE	LR	23 53 10.0 +15
EGAK	comp-Z,496nm,20.0s	98.47 336	PFAKE	LR	23 53 10.0 +15
AAK	Ala-Archa	99.51 47	PFAKE	LR	23 53 10.0 +10
AAK	comp-Z,505nm,19.0s	99.51 47	PFAKE	LR	23 53 10.0 +10
PTCN	Pitcairn Islan	100.21 245	PFAKE	LR	23 53 10.0 +6.7
KURBS	Kurchatov Arra	100.55 38	P	P	23 53 05.4 +1.2
KURBS	comp-Z,9.9nm,0.6s, baz=286,slow=5.4,SNR=7.1	100.55 38	P	P	23 53 05.5 +1.2
KURK	Kurchatov	100.58 38	eP	P	23 53 05.2 +0.8
KURK	comp-Z,4.0nm,1.0s	100.58 38	eP	P	23 53 20.0 +14
KURK	Kurchatov	100.58 38	eP	P	23 53 07.3 -0.1
KURK	comp-Z,2.77nm,22.0s	100.58 38	eP	P	23 53 12.8 -0.1
COLA	College	101.06 338	PFAKE	LR	23 57 17.3 +1.2
COLA	comp-Z,376nm,20.0s	101.06 338	PFAKE	LR	23 53 07.3 -0.1
KSH	Kashi	101.16 50	P	P	23 53 12.8 -0.1
KSH	comp-Z,3.0nm,1.1s	101.16 50	P	P	23 57 17.3 +1.2
KSH	Kashi	101.16 50	P	P	23 53 12.8 -0.1
KSH	comp-Z,3.0nm,1.1s	101.16 50	P	P	23 53 12.8 -0.1
KSH	Kashi	101.16 50	P	P	23 53 12.8 -0.1
KSH	comp-Z,3.0nm,1.1s	101.16 50	P	P	23 53 12.8 -0.1
KSH	Kashi	101.16 50	P	P	23 53 12.8 -0.1
KSH	comp-Z,3.0nm,1.1s	101			

15d 1h

Table with columns: SML, ILAR, INK, YKA, PETK, SONM, MKAR, AKASG, CMAR, QSPA. Rows contain station names, coordinates, and time/residual data.

Table for MAN 13 23:44:43, 9.98N;123.29E, h26km, mb4.4, ML3.3, MS3.1, 3D, Negros. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residual.

Table for MAN 14 23:47:04, 9.90N;123.56E, h57km, mb4.0, ML2.8, MS2.4, 1C-2D, Negros. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residual.

Table for IDC 14 23:52:52.8, 28.0, 21.30S;171.42W, h0km, mb4.1/4, mb1.4/3.4, mb1mx3.7/4.4, mbtmp4.1/4, Error ellipse: s-maj=532.3km s-min=167.0km az=76.0, Tonga Islands region. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residual.

Table for IS/CJB 15 00:04:01.8, 0.8, 37.25N;104.30.94E, h114km, 6km, Error ellipse: s-maj=7.2km s-min=0.6km az=7.5. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residual.

Table for SUTC, KEZF, BCK, ANT, KORT, KEZF, ISP, BAGO, BRDR, DOGA, GOLH, KZIL, KDH, KHAL, FETY, TAVA, TUR, TEKE, TEVE, AKKU, CSS. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residual.

Table for IDC 15 00:25:44.3, 1.3, 10.01N;123.61E, h0km, mb3.6/6, mb1.3/8.6, mb1mx3.5/5.5, mbtmp3.6/6, MS3.0/1, Ms1.3/0.1, ms1mx2.4/5.5, Error ellipse: s-maj=125.2km s-min=17.2km az=70.0. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residual.

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Table for ISC 15 00:25:46.6, 1.5, 9.90N;103.123.05E, 0.04, h11km, 11km, n18, c110/26, mb3.6, 1C-4D, Negros. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residual.

Table for FITZ, WRA, ASAR, MKAR, IRAM, IZEF, IPIR, IKLH, WSAR, BRTR, MKAR, FINES, HFS, TORD, YKA, WRA, ASAR. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residual.

Table for TIR, OHR, OHR, OHR, PHP, PHP, KRUS, BIA, BIA, PUK, SKO, SKO. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residual.

Table for JMA 15 00:41:24.2, 35.37N;136.98E, h9km, M1.0, Western Honshu. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residual.

Table for JMA 15 00:41:39.0, 0.1, 36.50N;137.92E, h10km, 1km, M0.8, Eastern Honshu. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residual.

Table for CSEM 15 00:52:45.2, 38.71N;43.33E, h17km, ML2.9, DDA 15 00:52:45.2, 38.71N;43.33E, h17km, ML2.9, ISC 15 00:52:45.2, 38.71N;43.33E, h17km, 7km, n26, c129/51, Turkey. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residual.

Table for VANB, TVAN, TVAN, TVAN, GEVA, GEVA, BITLIS, ADCV, BITLIS, ADCV, CLDR, CLDR, TUTA, TUTA, BASK, BASK, GURU, EKAR, EKAR, HAKT, HAKT, SIIRT, SIIRT, SIIRT, SIIRT, BTM, BTM, CAT, CAT, ECAT, ECAT. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residual.

Table for SJI, FITZ. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residual.

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Table for FITZ, WRA, WRA, ASAR, MKAR. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residual.

Table for IDC 15 01:30:39.8, 1.0, 28.26N;54.12E, h0km, mb3.6/8, mb1.3/8.9, mb1mx3.4/6.5, mbtmp3.7/9, ML3.5/1, Error ellipse: s-maj=33.3km s-min=20.8km az=41.0. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residual.

Table for IRAM, IRAM, IZEF, IPIR, IPIR, IKLH, IKLH, WSAR, WSAR, BRTR, MKAR, FINES, HFS, TORD, YKA, WRA, ASAR. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residual.

Table for IDC 15 01:43:11.4, 2.4, 10.44N;92.26E, h0km, mb3.4/4, mb1.3/8.5, mb1mx3.3/7.7, mbtmp3.4/5, ML3.9/1, Error ellipse: s-maj=73.2km s-min=24.0km az=71.0, Andaman Islands region. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residual.

Table for CMAR, H08S, H08S, H08S, MKAR, SONM, WRA, ASAR. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residual.

Table for MEX 15 01:45:05.7, 1.1, 16.76N;94.35W, h128km, 20km, MD4.0, Oaxaca. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residual.

Table for MOS 15 01:49:33.1, 1.2, 19.12S;177.41W, h290km, mb5.3/59, Error ellipse: s-maj=8.1km s-min=6.3km az=54.1. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residual.

Table for ISC/JB 15 01:49:36.3, 0.6, 19.31S;177.34W, 0.02, h326km, 5km, mb5.1/350, Error ellipse: s-maj=3.8km s-min=2.5km az=44.6. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residual.

Table for GGMT 15 01:49:40.0, 0.3, 19.47S;177.27W, h360km, 1km, MMV5.3/75, Moment Tensor Solution. Scale 10^17N. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residual.

Table for WEL 15 01:49:43.6, 1.0, 20.0S;12.17W, h73km, 12km, ISC 15 01:49:37.9, 0.5, 19.41S;10.04W, 177.12W, 0.04, h326km, 4km, n153, c1542/1189, mb5.2/349, 72C-32D, Fiji Islands region. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residual.

Table with columns: PEAOB, Petropavlovsk, 75.42 345 eP, P, 02 00 44.1 -0.5, PNTR, Pine Nut, 79.28 42 eP, P, 02 01 08.2 +1.7, etc.

Table with columns: HUMO, Hull Mountain, 79.38 38 eP, P, 02 01 08.8 +2.1, YERR, Yerrabona, 79.44 42 eP, P, 02 01 08.8 +1.4, GMRC, Granite Mounta, 79.48 47 P, P, 02 01 09.1 +1.5, etc.

Table with columns: SPU, Mount Spurr, 82.82 12 eP, P, 02 01 22.9 -1.4, WUAZ, Wupatki, 82.87 49 eP, P, 02 01 27.2 +1.9, MA2, Magadan, 82.94 344 P, P, 02 01 22.9 -2.0, etc.

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

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

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

CSEM 15 01:55:43.8, 0.3, 38'68N-43'21E, h20km, ML2.1, Error ellipse: s-maj=7.6km s-min=5.6km az=59.0

CSEM 15 02:07:04.9, 0.1, 40'16N-24'06E, h8km, ML1.7, Error ellipse: s-maj=2.3km s-min=0.6km az=243.0

AYDN		iS	Sn	02 34 56.0 +1.3	GDZ		iS	Sn	02 35 26.0 -2.0	VLY	Volva,Athens	4.27 294	P	Pn	02 35 13.5 +2.2		
AYDN	Tasoluk	1.62 336	P	Sn	02 34 36.4 +1.4	GDZ	Gediz	2.97 12	P	Pn	02 34 53.5 -0.1	P	Pn	02 35 13.8 +2.2			
AYDN			S	Sn	02 34 56.0 +1.3	GDZ			S	Pn	02 35 26.0 -2.0	PTL	Penteli	4.29 297	P	Pn	02 35 13.8 +2.1
ANTB	Antalya	1.73 65	PN	Pn	02 34 37.1 +0.7	FOCM	Fo Sa	2.98 329	PN	Pn	02 34 53.9 +0.4	PTH	Patheis	4.29 297	P	Pn	02 35 13.8 +2.1
ANTB	Antalya	1.73 65	ePh	Pn	02 34 37.1 +0.7	FOCM	Fo Sa	2.98 329	ePh	Pn	02 34 53.9 +0.4	ATHU	Athens Unvers	4.32 296	P	Pn	02 35 14.8 +2.8
BRDR	BURDUR-Merkez	1.86 35	iJP	Pn	02 34 40.9 +2.4	CHOS	Chios island	3.05 317	P	Pn	02 34 54.9 +0.3	SULT	Sultanhani-AKS	4.34 61	ePh	Pn	02 35 13.9 +1.6
BRDR	BURDUR-Merkez	1.86 35	P	Sn	02 35 03.3 +2.6	CHOS	Chios island	3.05 317	P	Sn	02 34 54.2 -0.4	SULT	Sultanhani-AKS	4.34 61	ePh	Pn	02 35 13.9 +1.6
BRDR	BURDUR-Merkez	1.86 35	P	Sn	02 35 03.3 +2.6	CHOS	Chios island	3.05 317	ePh	Pn	02 34 54.9 +0.3	ATH	Athens Observa	4.37 296	P	Pn	02 35 14.4 +1.7
GCAM	G?zelcaml?	1.92 323	PN	Pn	02 34 39.9 +0.9	CHOS	Chios island	3.05 317	ePh	Pn	02 35 28.1 -1.9	ANKY	Antikythira Is	4.39 268	P	Pn	02 35 14.1 +1.2
GCAM	G?zelcaml?	1.92 323	iJP	Pn	02 34 40.0 +0.9	CHOS	Chios island	3.05 317	S	Sn	02 35 28.1 -1.9	KYZH	Kythira Is	4.40 284	PN	Pn	02 35 14.8 +1.7
GCAM	G?zelcaml?	1.92 323	S	Sn	02 34 40.0 +0.9	CHOS	Chios island	3.05 317	S	Sn	02 34 57.7 +3.0	EREA	Erertra	4.41 302	P	Pn	02 35 14.1 +0.8
GCAM	G?zelcaml?	1.92 323	S	Sn	02 35 01.5 -0.5	DOGA	KONYA_Doganhis	3.05 50	iS	Pn	02 35 32.5 +2.4	EREA	Erertra	4.41 302	P	Pn	02 35 14.1 +0.8
BCK	Bucak	1.98 49	PN	Pn	02 34 40.4 +0.4	DOGA	KONYA_Doganhis	3.05 50	P	Pn	02 34 57.7 +3.0	EREN	Erenkoy	4.49 97	PN	Pn	02 35 14.9 +0.6
BCK	Bucak	1.98 49	ePh	Pn	02 34 40.4 +0.4	DOGA	KONYA_Doganhis	3.05 50	P	Pn	02 35 32.5 +2.4	EREN	Erenkoy	4.49 97	ePh	Pn	02 35 14.9 +0.6
KUSD	Kusadasi-Aydin	2.02 326	PN	Pn	02 34 40.9 +0.1	DOGA	KONYA_Doganhis	3.05 50	P	Pn	02 35 32.5 +2.4	KYTH	Kythira	4.57 273	P	Pn	02 35 17.2 +2.1
KUSD	Kusadasi-Aydin	2.02 326	PN	Pn	02 34 40.6 +0.1	DOGA	KONYA_Doganhis	3.05 50	P	Pn	02 35 32.5	KYTH	Kythira	4.57 273	P	Pn	02 36 10.0
SMG	Samos	2.14 316	P	Sn	02 34 42.9 +0.9	IACM	Heraklion	3.08 255	P	Sn	02 35 36.0	KYTH	comp=E,450µm,0.6s	AML	AML	02 36 11.8	
SMG	Samos	2.14 316	P	Sn	02 35 06.2 -1.1	IACM	comp=N,1593µm,0.4s	AML	AML	02 35 36.0	KYTH	comp=N,343µm,0.4s	AML	AML	02 35 17.1 +1.5		
SMG	Samos	2.14 316	P	Sn	02 34 42.9 +0.9	IACM	Heraklion	3.08 255	P	Sn	02 34 54.5 +0.5	DID	Didima	4.58 288	P	Pn	02 35 17.1 +1.5
SMG	Samos	2.14 316	P	Sn	02 34 42.0 -1.0	BOLV	Bolvadin	3.10 35	iS	Pn	02 34 57.3 +1.9	DID	Didima	4.58 288	P	Pn	02 35 17.4 +1.4
SMG	Samos	2.14 316	P	Sn	02 35 06.2 -1.1	BOLV	Bolvadin	3.10 35	P	Sn	02 35 31.8 +0.5	KRND	KRANIDI	4.62 287	P	Pn	02 35 17.4 +1.4
KHL	Karahalli	2.24 17	PN	Pn	02 34 43.9 +0.4	BOLV	Bolvadin	3.10 35	P	Sn	02 34 57.3 +1.9	KRND	KRANIDI	4.62 287	P	Pn	02 35 17.6 +1.3
KHL	Karahalli	2.24 17	ePh	Pn	02 34 43.9 +0.4	BOLV	Bolvadin	3.10 35	P	Sn	02 35 18.4 +0.5	LIA	Limos Island	4.64 324	S	Sn	02 35 06.6 +2.0
SUTC	Sutluce-Ispart	2.25 54	PN	Pn	02 34 43.8 +0.1	IDL	Anoyia	3.23 255	P	Sn	02 34 57.6 +0.5	LIA	Limos Island	4.64 324	S	Sn	02 36 07.2
SUTC	Sutluce-Ispart	2.25 54	ePh	Pn	02 34 43.8 +0.1	IDL	comp=N,54nm,0.3s,baz=62,slow=8,SNR=299	S	Sn	02 34 57.6 +0.5	LIA	comp=E,924µm,0.5s	AML	AML	02 36 08.4		
KHAL	Karahalli	2.28 16	iJP	Pn	02 34 44.9 +0.9	IDL	comp=N,128nm,0.3s,baz=165,slow=18,SNR=10.0	S	Sn	02 34 58.3 +1.2	LIA	comp=N,341µm,0.4s	AML	AML	02 35 17.6 +1.3		
KHAL	Karahalli	2.28 16	P	Sn	02 35 09.8 -1.1	PPCY	Paphos	3.24 112	P	Pn	02 34 58.3 +1.2	LIA	Limos Island	4.64 324	P	Sn	02 36 06.8 -2.0
KHAL	Karahalli	2.28 16	P	Sn	02 34 44.9 +0.9	PPCY	Paphos	3.24 112	P	Pn	02 34 58.3 +1.2	LIA	Limos Island	4.64 324	P	Sn	02 35 19.4 +2.5
KHAL	Zakros	2.29 243	S	Sn	02 35 09.8 -1.1	TVSB	Tavsanli	3.32 10	PN	Pn	02 34 58.5 +0.1	LIA	Limos Island	4.68 278	P	Pn	02 35 18.0 +1.1
ZKR	Zakros	2.29 243	S	Sn	02 34 46.1 +2.1	TVSB	Tavsanli	3.32 10	ePh	Pn	02 34 58.2 +0.7	LIA	Limos Island	4.68 278	P	Pn	02 35 18.0 +1.1
ZKR	Zakros	2.29 243	S	Sn	02 35 13.2 +2.3	ALFC	Alefka	3.33 107	P	Sn	02 34 59.2 +0.7	LIA	Limos Island	4.68 278	P	Pn	02 35 19.1 +1.1
ZKR	Zakros	2.29 243	AML	AML	02 35 13.8	ALFC	Alefka	3.33 107	P	Sn	02 34 59.2 +0.7	AFSR	Af ar-Bala (A	4.75 45	ePh	Pn	02 35 19.1 +1.1
ZKR	comp=E,6457µm,0.3s	AML	AML	02 35 14.2	ALFC	Alefka	3.33 107	P	Sn	02 34 59.2 +0.7	AFSR	Af ar-Bala (A	4.75 45	ePh	Pn	02 35 19.1 +1.1	
ZKR	Zakros	2.29 243	P	Sn	02 34 45.8 +1.7	ALFC	Alefka	3.33 107	P	Sn	02 35 35.5 -1.3	ANTO	Ankara	4.90 40	ePh	Pn	02 35 20.5 +0.5
ZKR	Zakros	2.29 243	P	Sn	02 35 12.5 +1.5	ALFC	Alefka	3.33 107	P	Sn	02 35 39.1 +1.3	ANTO	Ankara	4.90 40	ePh	Pn	02 35 20.5 +0.5
ZKR	Zakros	2.29 243	P	Sn	02 34 45.8 +1.7	ALFC	Alefka	3.33 107	P	Sn	02 35 44.4	ANTO	Ankara	4.90 40	ePh	Pn	02 35 20.5 +0.5
ZKR	Zakros	2.29 243	P	Sn	02 35 12.5 +1.5	ALFC	Alefka	3.33 107	P	Sn	02 35 44.4	ANTO	Ankara	4.90 40	ePh	Pn	02 35 20.5 +0.5
ZKR	Zakros	2.29 243	P	Sn	02 34 45.8 +1.7	ALFC	Alefka	3.33 107	P	Sn	02 35 44.4	ANTO	Ankara	4.90 40	ePh	Pn	02 35 20.5 +0.5
ZKR	Zakros	2.29 243	P	Sn	02 35 12.5 +1.5	ALFC	Alefka	3.33 107	P	Sn	02 35 44.4	ANTO	Ankara	4.90 40	ePh	Pn	02 35 20.5 +0.5
ZKR	Zakros	2.29 243	P	Sn	02 34 44.8 0.0	ALFC	Alefka	3.33 107	P	Sn	02 35 44.4	ANTO	Ankara	4.90 40	ePh	Pn	02 35 20.5 +0.5
ZKR	Zakros	2.29 243	P	Sn	02 34 45.6 +0.5	ALFC	Alefka	3.33 107	P	Sn	02 35 44.4	ANTO	Ankara	4.90 40	ePh	Pn	02 35 20.5 +0.5
ZKR	Zakros	2.29 243	P	Sn	02 35 11.8 -1.2	ALFC	Alefka	3.33 107	P	Sn	02 35 44.4	ANTO	Ankara	4.90 40	ePh	Pn	02 35 20.5 +0.5
ZKR	Zakros	2.29 243	P	Sn	02 34 49.3 +0.1	ALFC	Alefka	3.33 107	P	Sn	02 35 44.4	ANTO	Ankara	4.90 40	ePh	Pn	02 35 20.5 +0.5
ZKR	Zakros	2.29 243	P	Sn	02 34 45.7 +0.5	ALFC	Alefka	3.33 107	P	Sn	02 35 44.4	ANTO	Ankara	4.90 40	ePh	Pn	02 35 20.5 +0.5
ZKR	Zakros	2.29 243	P	Sn	02 34 46.5 +1.2	ALFC	Alefka	3.33 107	P	Sn	02 35 44.4	ANTO	Ankara	4.90 40	ePh	Pn	02 35 20.5 +0.5
ZKR	Zakros	2.29 243	P	Sn	02 35 13.8 +0.5	ALFC	Alefka	3.33 107	P	Sn	02 35 44.4	ANTO	Ankara	4.90 40	ePh	Pn	02 35 20.5 +0.5
ZKR	Zakros	2.29 243	P	Sn	02 34 46.5 +1.2	ALFC	Alefka	3.33 107	P	Sn	02 35 44.4	ANTO	Ankara	4.90 40	ePh	Pn	02 35 20.5 +0.5
ZKR	Zakros	2.29 243	P	Sn	02 35 13.8 +0.5	ALFC	Alefka	3.33 107	P	Sn	02 35 44.4	ANTO	Ankara	4.90 40	ePh	Pn	02 35 20.5 +0.5
ZKR	Zakros	2.29 243	P	Sn	02 34 46.5 +1.2	ALFC	Alefka	3.33 107	P	Sn	02 35 44.4	ANTO	Ankara	4.90 40	ePh	Pn	02 35 20.5 +0.5
ZKR	Zakros	2.29 243	P	Sn	02 35 13.8 +0.5	ALFC	Alefka	3.33 107	P	Sn	02 35 44.4	ANTO	Ankara	4.90 40	ePh	Pn	02 35 20.5 +0.5
ZKR	Zakros	2.29 243	P	Sn	02 34 46.5 +1.2	ALFC	Alefka	3.33 107	P	Sn	02 35 44.4	ANTO	Ankara	4.90 40	ePh	Pn	02 35 20.5 +0.5
ZKR	Zakros	2.29 243	P	Sn	02 35 13.8 +0.5	ALFC	Alefka	3.33 107	P	Sn	02 35 44.4	ANTO	Ankara	4.90 40	ePh	Pn	02 35 20.5 +0.5
ZKR	Zakros	2.29 243	P	Sn	02 34 46.5 +1.2	ALFC	Alefka	3.33 107	P	Sn	02 35 44.4	ANTO	Ankara	4.90 40	ePh	Pn	02 35 20.5 +0.5
ZKR	Zakros	2.29 243	P	Sn	02 35 13.8 +0.5	ALFC	Alefka	3.33 107	P	Sn	02 35 44.4	ANTO	Ankara	4.90 40	ePh	Pn	02 35 20.5 +0.5
ZKR	Zakros	2.29 243	P	Sn	02 34 46.5 +1.2	ALFC	Alefka	3.33 107	P	Sn	02 35 44.4	ANTO	Ankara	4.90 40	ePh	Pn	02 35 20.5 +0.5
ZKR	Zakros	2.29 243	P	Sn	02 35 13.8 +0.5	ALFC	Alefka	3.33 107	P	Sn	02 35 44.4	ANTO	Ankara	4.90 40	ePh	Pn	02 35 20.5 +0.5
ZKR	Zakros	2.29 243	P	Sn	02 34 46.5 +1.2	ALFC	Alefka	3.33 107	P	Sn	02 35 44.4	ANTO	Ankara	4.90 40	ePh	Pn	02 35 20.5 +0.5
ZKR	Zakros	2.29 243	P	Sn	02 35 13.8 +0.5	ALFC	Alefka	3.33 107	P	Sn	02 35 44.4	ANTO	Ankara	4.90 40	ePh	Pn	02 35 20.5 +0.5
ZKR	Zakros	2.29 243	P	Sn	02 34 46.5 +1.2	ALFC	Alefka	3.33 107	P	Sn	02 35 44.4	ANTO	Ankara	4.90 40	ePh	Pn	02 35 20.5 +0.5
ZKR	Zakros	2.29 243	P	Sn	02 35 13.8 +0.5	ALFC	Alefka	3.33 107	P	Sn	02 35 44.4	ANTO	Ankara	4.90 40	ePh	Pn	02 35 20.5 +0.5
ZKR	Zakros	2.29 243	P	Sn	02 34 46.5 +1.2	ALFC	Alefka	3.33 107	P	Sn	02 35 44.4	ANTO	Ankara	4.90 40	ePh	Pn	02 35 20.5 +0.5
ZKR	Zakros	2.29 243	P	Sn	02 35 13.8 +0.5	ALFC	Alefka	3.33 107	P	Sn	02 35 44.4	ANTO	Ankara	4.90 40	ePh	Pn	02 35 20.5 +0.5
ZKR	Zakros	2.29 243	P	Sn	02 34 46.5 +1.2	ALFC	Alefka	3.33 107	P	Sn	02 35 44.4	ANTO	Ankara	4.90 40	ePh	Pn	02 35 20.5 +0.5
ZKR	Zakros	2.29 243	P	Sn	02 35 13.8 +0.5	ALFC	Alefka	3.33 107	P	Sn	02 35 44.4	ANTO	Ankara	4.90 40	ePh	Pn	02 35 20.5 +0.5
ZKR	Zakros	2.29 243	P	Sn	02 34 46.5 +1.2	ALFC	Alefka	3.33 107	P	Sn	02 35 44.4	ANTO	Ankara	4.90 40	ePh	Pn	02 35 20.5 +0.5
ZKR	Zakros	2.29 243	P	Sn	02 35 13.8 +0.5	ALFC	Alefka	3.33 107	P	Sn	02 35 44.4	ANTO	Ankara	4.90 40	ePh	Pn	02 35 20.5 +0.5
ZKR	Zakros	2.29 243	P	Sn	02 34 46.5 +1.2	ALFC	Alefka	3.33 107	P	Sn	02 35 44.4	ANTO	Ankara	4.90 40	ePh	Pn	02 35 20.5 +0.5
ZKR	Zakros	2.29 243	P	Sn	02 35 13.8 +0.5	ALFC	Alefka	3.33 107	P	Sn	02 35 44.4	ANTO	Ankara	4.90 40	ePh	Pn	02 35 20.5 +0.5
ZKR	Zakros	2.29 243	P	Sn	02 34 46.5 +1.2	ALFC	Alefka	3.33 107	P	Sn	02 35 44.4	ANTO	Ankara	4.90 40	ePh	Pn	02 35 20.5 +0.5
ZKR	Zakros	2.29 243	P	Sn	02 35 13.8 +0.5	ALFC	Alefka	3.33 107	P	Sn	02 35 44.4	ANTO	Ankara	4.90 40	ePh	Pn	02 35 20.5 +0.5
ZKR	Zakros	2.29 243	P	Sn	02 34 46.5 +1.2	ALFC	Alefka										

15d 3h

WHY	Whitehorse	17.74 348	ePn	P	P	03 35 27.9 +0.3
LAZ	Ladron	18.24 113	ePn	P	P	03 35 35.1 +1.9
HYT	Haines Junction	18.35 344	ePn	P	P	03 35 34.1 -0.1
ANMO	Albuquerque	18.39 111	P	P	P	03 35 36.4 +1.5
ANMO	Albuquerque	18.39 111	c/P	LR	LR	03 42 03.9
ANMO	Albuquerque	18.39 111	c/P	P	P	03 35 36.0 +1.1
ANMO	Albuquerque	18.39 111	c/P	P	P	03 35 36.1 +1.1
ANMO	Albuquerque	18.39 111	ePn	P	P	03 35 36.1 +1.2
MHTCO	State Highway	18.52 102	eP	Pn	Pn	03 35 37.5 +1.1
Y22D	IRIS PASSCAL I	18.58 114	P	Pn	Pn	03 35 39.9 +2.8
Y22D	IRIS PASSCAL I	18.58 114	eP	Pn	Pn	03 35 41.0 +3.8
Y22E	IRIS PASSCAL I	18.58 114	P	Pn	Pn	03 35 39.9 +2.8
LPM	Los Pinos Moun	18.64 112	eP	Pn	Pn	03 35 40.1 +2.3
T25A	Trinidad	18.71 102	eP	Pn	Pn	03 35 39.8 +1.1
T25A	Trinidad	18.71 102	eP	Pn	Pn	03 35 39.6 +0.8
BNM	Barren Site	18.73 113	eP	Pn	Pn	03 35 41.5 +2.4
319A	Douglas	18.84 124	eP	Pn	Pn	03 35 43.0 +2.8
121A	Cookes Peak, D	18.98 119	eP	Pn	Pn	03 35 43.9 +1.9
121A	Cookes Peak, D	18.98 119	eP	Pn	Pn	03 35 42.8 +0.8
OGNE	Ogallala	19.03 89	P	P	P	03 35 41.1 -0.8
OGNE	Ogallala	19.03 89	eP	P	P	03 35 41.3 -0.5
KSCO	Kaye Shedlock	19.23 95	P	Pn	Pn	03 35 44.7 -0.2
KSCO	Kaye Shedlock	19.23 95	eP	Pn	Pn	03 35 44.8 -0.2
MDND	Maddock	19.94 68	P	Pn	Pn	03 35 52.7 -0.5
MDND	Maddock	19.94 68	eP	Pn	Pn	03 35 53.6 +0.4
FFC	Flin Flon	20.02 47	eP	P	P	03 35 52.9 +0.5
FFC	Flin Flon	20.02 47	eP	P	P	03 35 52.9 +0.5
BMRM	Bremner	20.26 336	eP	Pn	Pn	03 35 58.8 +1.8
BMRM	Bremner	20.26 336	eP	LR	LR	
EPT	El Paso	20.29 118	eP	Pn	Pn	03 35 58.9 +1.2
EPT	El Paso	20.29 118	eP	LR	LR	
EYAK	Cordova Ski Ar	20.30 334	PFAKE	LR	LR	03 36 10.0 +1.3
EYAK	Cordova Ski Ar	20.30 334	eP	LR	LR	
SRIG	Santa Rosalia	20.34 138	eP	Pn	Pn	03 35 58.5 +0.4
SRIG	Santa Rosalia	20.34 138	eP	LR	LR	
YKA	Yellowknife Ar	20.47 17	P	P	P	03 35 56.5 -0.7
YKBS	Yellowknife Ar	20.47 17	eP	P	P	03 35 56.5 -0.7
YKWS	Yellowknife Ar	20.53 17	eP	P	P	03 35 56.8 -1.1
YKWS	Yellowknife Ar	20.53 17	eP	LR	LR	
SUSD	Miller	20.55 77	P	P	P	03 35 58.5 +0.3
DIV	Divide	20.75 335	eP	Pn	Pn	03 36 03.1 +0.5
DIV	Divide	20.75 335	eP	LR	LR	
J31A	Geddes	20.88 81	P	P	P	03 36 02.3 +0.4
H31A	Wolsey	20.88 77	P	P	P	03 36 02.2 +0.3
F31A	Hecla	20.90 73	P	P	P	03 36 03.0 +1.0
I31A	Royce, Wessing	20.90 78	P	P	P	03 36 03.0 +0.9
GL1A	Conde	20.98 75	P	P	P	03 36 03.3 +0.3
G31A	Glacier Island	20.98 333	PFAKE	LR	LR	03 36 10.0 +4.6
G31A	Glacier Island	20.98 333	eP	LR	LR	
K31A	O'Neill	21.00 82	P	P	P	03 36 03.9 +0.8
MNTX	Cornudas Mount	21.07 117	P	P	P	03 36 05.9 +2.0
MNTX	Cornudas Mount	21.07 117	eP	P	P	03 36 06.5 +2.5
MNTX	Cornudas Mount	21.07 117	eP	LR	LR	
KLU	Klutina	21.07 335	eP	P	P	03 36 04.5 +0.7
E31A	Nome	21.11 71	P	P	P	03 36 05.2 +0.9
KDAK	Kodiak Island	21.19 321	P	P	P	03 36 04.0 -1.0
KDAK	Kodiak Island	21.19 321	eP	LR	LR	03 42 11.3
KDAK	Kodiak Island	21.19 321	eP	P	P	03 36 07.0 +2.0
KDAK	Kodiak Island	21.19 321	eP	P	P	03 36 05.6 +0.5
C31A	Landman Farms,	21.20 68	P	P	P	03 36 05.6 +0.4
D31A	McClellan, Tow	21.21 70	P	P	P	03 36 05.6 +0.2
B31A	Greenbush Farm	21.27 66	P	P	P	03 36 05.9 0.0
SEW	Seward	21.27 329	eP	P	P	03 36 08.3 +2.4
SEW	Seward	21.27 329	eP	LR	LR	
SEW	Seward	21.27 329	eP	P	P	03 36 07.8 +0.3
CBKS	Cedar Bluff	21.39 93	P	P	P	03 36 09.2 +1.7
CBKS	Cedar Bluff	21.39 93	eP	P	P	03 36 09.2 +1.7
CBKS	Cedar Bluff	21.39 93	eP	MLR	MLR	
CBKS	Cedar Bluff	21.39 93	eP	P	P	03 36 09.2 +1.7
CBKS	Cedar Bluff	21.39 93	eP	LR	LR	
GD2L	Guadalupe Moun	21.42 114	eP	P	P	03 36 07.6 -0.3
MSTX	Muleshoe	21.46 108	P	P	P	03 36 09.6 +1.3
MSTX	Muleshoe	21.46 108	eP	P	P	03 36 20.0 +1.2
MSTX	Muleshoe	21.46 108	eP	LR	LR	
G32A	Webster	21.48 75	P	P	P	03 36 08.8 +0.5
J32A	Parkston	21.50 80	P	P	P	03 36 08.7 +0.1
K32A	Verdigré	21.56 82	P	P	P	03 36 09.3 +0.1
HARP	HAARP	21.57 337	eP	P	P	03 36 11.0 +1.9
HARP	HAARP	21.57 337	eP	LR	LR	
A31A	Linda, St. Vin	21.60 65	P	P	P	03 36 09.8 +0.3
BRLK	Bradley Lake	21.61 327	eP	P	P	03 36 09.7 +0.1
BRLK	Bradley Lake	21.61 327	eP	LR	LR	
H32A	Carlson Farm,	21.61 77	P	P	P	03 36 10.6 +0.8
MENT	Mentasta	21.62 340	eP	P	P	03 36 10.7 +1.0
MENT	Mentasta	21.62 340	eP	LR	LR	
I32A	Karley and Nic	21.67 78	P	P	P	03 36 10.9 +0.6
E32A	Braaten, Kindr	21.67 71	P	P	P	03 36 10.4 +0.1

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F32A	Elgin	21.68 84	P	P	P	03 36 10.8 +0.3
F32A	Veblen	21.68 73	P	P	P	03 36 10.5 0.0
DAWY	Dawson	21.68 346	eP	P	P	03 36 10.6 +0.2
DAWY	Dawson	21.68 346	eP	LR	LR	
D32A	Dogwood Acres,	21.69 70	P	P	P	03 36 10.7 +0.3
BGNE	Belgrade	21.73 85	P	P	P	03 36 11.5 +0.4
BGNE	Belgrade	21.73 85	eP	P	P	03 36 12.5 +1.5
BGNE	Belgrade	21.73 85	eP	LR	LR	
AMTX	Amarillo	21.74 105	P	P	P	03 36 12.5 +1.3
AMTX	Amarillo	21.74 105	eP	P	P	03 36 12.2 +1.0
AMTX	Amarillo	21.74 105	eP	LR	LR	
SCM	Sheep Creek Mo	21.77 334	eP	P	P	03 36 12.4 +1.1
SCM	Sheep Creek Mo	21.77 334	eP	P	P	03 36 12.4 +1.1
SCM	Sheep Creek Mo	21.77 334	eP	MLR	MLR	
SCM	Sheep Creek Mo	21.77 334	eP	LR	LR	
SCM	Sheep Creek Mo	21.77 334	eP	LR	LR	
HOM	Homer	21.85 326	PFAKE	LR	LR	03 36 20.0 +7.9
HOM	Homer	21.85 326	eP	LR	LR	
B32A	Ashes, Strandg	22.01 66	P	P	P	03 36 13.7 -0.2
C32A	Crookston	22.01 68	P	P	P	03 36 14.2 +0.3
RC01	Rabbit Creek A	22.04 331	eP	P	P	03 36 14.9 +0.7
RC01	Rabbit Creek A	22.04 331	eP	LR	LR	
A32A	Rocking H Ranch	22.05 65	P	P	P	03 36 14.6 +0.2
SML	Sawmill	22.07 333	eP	P	P	03 36 15.3 +0.8
SML	Sawmill	22.07 333	eP	P	P	03 36 15.3 +0.8
SML	Sawmill	22.07 333	eP	MLR	MLR	
SML	Sawmill	22.07 333	eP	LR	LR	
H33A	Pre Over Nor	22.08 76	P	P	P	03 36 15.1 +0.3
PAX	Paxson	22.11 338	eP	P	P	03 36 15.8 +0.8
PAX	Paxson	22.11 338	eP	P	P	03 36 15.8 +0.8
PAX	Paxson	22.11 338	eP	MLR	MLR	
PAX	Paxson	22.11 338	eP	LR	LR	
PAX	Paxson	22.11 338	eP	LR	LR	
I33A	Coleman	22.14 78	P	P	P	03 36 15.6 +0.3
J33A	Davis	22.15 80	P	P	P	03 36 15.7 +0.3
L33A	Hoskins	22.17 83	P	P	P	03 36 15.7 -0.1
PMR	Palmer	22.18 332	eP	P	P	03 36 15.8 +0.2
PMR	Palmer	22.18 332	eP	P	P	03 36 15.8 +0.2
PMR	Palmer	22.18 332	eP	MLR	MLR	
PMR	Palmer	22.18 332	eP	LR	LR	
G33A	Ortonville	22.23 75	P	P	P	03 36 16.8 +0.5
F33A	5 Mile Ranch,	22.27 73	P	P	P	03 36 17.4 +0.7
K33A	Hardington	22.27 82	P	P	P	03 36 16.2 -0.6
DOT	Dot Lake	22.30 340	eP	P	P	03 36 17.3 +0.3
DOT	Dot Lake	22.30 340	eP	LR	LR	
ECSD	EROS Data Cent	22.32 79	P	P	P	03 36 17.1 -0.2
ECSD	EROS Data Cent	22.32 79	eP	P	P	03 36 17.6 +0.3
ECSD	EROS Data Cent	22.32 79	eP	LR	LR	
M33A	Taylor Creek F	22.38 84	P	P	P	03 36 17.7 -0.2
E33A	Westby DABS, E	22.41 71	P	P	P	03 36 18.3 0.0
N33A	B Bar K, Exete	22.42 87	P	P	P	03 36 18.7 +0.3
AGMN	Agassiz Nation	22.46 67	P	P	P	03 36 18.7 -0.1
AGMN	Agassiz Nation	22.46 67	eP	P	P	03 36 18.3 -0.4
AGMN	Agassiz Nation	22.46 67	eP	LR	LR	
D33A	Annam, Waubun	22.49 70	P	P	P	03 36 18.6 -0.5
C33A	Trail	22.52 68	P	P	P	03 36 18.8 -0.6
O33A	Hebron	22.53 88	P	P	P	03 36 19.2 -0.4
ULM	Lac du Bonnet	22.54 61	P	P	P	03 36 19.1 -0.6
ULM	Lac du Bonnet	22.54 61	eP	P	P	03 36 19.1 -0.6
ULM	Lac du Bonnet	22.54 61	eP	LR	LR	03 45 20.2
B33A	Robert and Kas	22.64 67	P	P	P	03 36 20.4 -0.2
SUA	Susane One	22.66 331	eP	P	P	03 36 20.8 -0.1
SUA	Susane One	22.66 331	eP	LR	LR	
EGAK	Eagle	22.66 345	eP	P	P	03 36 20.8 +0.1
EGAK	Eagle	22.66 345	eP	LR	LR	
DHY	Denali Highway	22.73 336	eP	P	P	03 36 21.7 +0.1
DHY	Denali Highway	22.73 336	eP	LR	LR	
H34A	Spellman Lake,	22.77 76	P	P	P	03 36 22.0 0.0
A33A	Warroad	22.78 65	P	P	P	03 36 21.1 -1.0
G34A	Benson	22.79 75	P	P	P	03 36 22.6 +0.3
I34A	Hadley	22.81 78	P	P	P	03 36 22.4 -0.1
M34A	Aspy Farms, Fr	22.84 84	P	P	P	03 36 22.5 -0.4
L34A	Svendsen Farm,	22.87 83	P	P	P	03 36 22.9 -0.2
J34A	George	22.88 80	P	P	P	03 36 22.5 -0.7
K34A	Le Mars	22.90 81	P	P	P	03 36 23.5 -0.1
U32A	Winter Ranch,	22.93 98	P	P	P	03 36 23.9 +0.1
D34A	Park Rapids	22.93 70	P	P	P	03

X42A	Stuttgart	29.10	96	P	P	03 37 20.6	+0.1
O44A	Mansfield	29.12	83	P	P	03 37 20.1	-0.5
N44A	Piper City	29.15	82	P	P	03 37 20.0	-0.8
Q44A	Meyer Farm, Va	29.16	86	P	P	03 37 19.9	-1.0
U43A	Rector	29.16	91	P	P	03 37 20.5	-0.4
141A	Papa Simpson,	29.16	100	P	P	03 37 21.5	+0.5
ZAIG	Zacatecas	29.21	127	eP	P	03 37 23.7	+1.8
ZAIG	comp-Z,55nm,1.6s						
CCAR	comp-Z,14um,22.0s				LR	LR	
P44A	Sand Creek, Wi	29.24	84	P	P	03 37 21.5	-0.2
CCAR	Cane Creek	29.31	97	eP	P	03 37 24.6	+2.3
CCAR	comp-Z,280nm,1.5s				LR	LR	
E44A	Grand Marais A	29.31	69	P	P	03 37 22.9	+0.7
V43A	Jonesboro	29.32	93	P	P	03 37 22.3	-0.1
Y42A	Garnett, Star	29.34	97	P	P	03 37 23.2	+0.6
HBAR	Harrisburg	29.34	93	P	PFAKE	03 37 40.0	+1.7
HBAR	comp-Z,14um,19.0s				LR	LR	
R44A	Watonsville	29.36	87	P	P	03 37 22.1	-0.7
S44A	Carbondale	29.45	88	P	P	03 37 22.9	-0.6
T44A	Benton	29.45	90	P	P	03 37 22.6	-1.0
241A	Mo Tay, Goldon	29.46	101	P	P	03 37 24.2	+0.5
SIUC	Southern Illin	29.47	88	eP	P	03 37 23.4	-0.3
SIUC	comp-Z,134nm,1.0s				LR	LR	
Z42A	Norrel Spur, H	29.50	98	P	P	03 37 24.7	+0.7
LNIG	Linareo	29.51	120	eP	P	03 37 24.4	+0.3
LNIG	comp-Z,49nm,1.0s				LR	LR	
PARMO	comp-Z,7um,21.0s				LR	LR	
PARMO	comp-Z,124nm,1.0s				LR	LR	
W43A	Forest City	29.52	94	P	P	03 37 23.9	-0.2
N45A	Kentland	29.58	81	P	P	03 37 24.5	-0.2
M45A	Boilermakers S	29.60	80	P	P	03 37 24.9	+0.1
GNAR	Gosnell	29.62	92	P	PFAKE	03 37 40.0	+1.5
GNAR	comp-Z,12um,20.0s				LR	LR	
O45A	Potomac	29.62	82	P	P	03 37 25.2	+0.1
U44A	Portageville	29.62	91	P	P	03 37 24.3	-0.8
PVMO	Portageville	29.66	91	P	PFAKE	03 37 40.0	+1.5
PVMO	comp-Z,18um,19.0s				LR	LR	
X43A	Marvell	29.66	95	P	P	03 37 26.0	+0.6
341A	Kurthwood	29.66	103	P	P	03 37 26.4	+0.9
F45A	CMU Biological	29.75	71	P	P	03 37 26.1	0.0
V44A	Blytheville	29.77	92	P	P	03 37 26.3	-0.1
Q45A	Warren Harvey,	29.78	85	P	P	03 37 27.1	-0.3
P45A	Graceland, Par	29.85	84	P	P	03 37 27.1	0.0
E45A	Wooded Hills,	29.86	70	P	P	03 37 27.1	0.0
142A	Monroe	29.88	99	P	P	03 37 27.7	+0.3
OLIL	Olney	29.89	86	eP	P	03 37 28.5	+1.1
OLIL	comp-Z,239nm,1.7s				LR	LR	
Y43A	Makayla and Ka	29.92	96	P	P	03 37 27.7	0.0
R45A	Skylar, Fairfi	29.92	86	P	P	03 37 27.4	-0.3
U44B	Burton Farm, H	29.94	91	P	P	03 37 27.8	-0.1
S45A	Carrier Mills	29.94	88	P	P	03 37 27.3	-0.7
441A	DeRidder	29.98	104	P	P	03 37 29.2	+0.9
242A	Grayson	29.99	100	P	P	03 37 28.5	+0.2
GLAT	Glass	30.02	91	eP	P	03 37 23.9	-4.6
GLAT	comp-Z,319nm,1.4s				LR	LR	
SFIN	Lafayette	30.03	82	P	P	03 37 28.5	-0.2
SFIN	Lafayette	30.03	82	eP	P	03 37 28.9	+0.2
SFIN	comp-Z,54nm,1.0s				LR	LR	
Z43A	Armstrong Fami	30.04	98	P	P	03 37 28.9	+0.1
MET	Memphis-Engin	30.06	93	P	PFAKE	03 37 40.0	+1.1
MET	comp-Z,15um,18.0s				LR	LR	
N46A	Monticello	30.12	81	P	P	03 37 29.7	+0.3
HALT	Halls	30.14	91	P	PFAKE	03 37 40.0	+1.0
HALT	comp-Z,14um,19.0s				LR	LR	
W44A	Shelby Farms P	30.14	93	P	P	03 37 29.9	+0.2
T45A	Paducah	30.17	89	P	P	03 37 28.7	-1.1
143A	Socs Landing,	30.19	99	P	P	03 37 30.6	+0.5
X44A	Crenshaw	30.20	95	P	P	03 37 30.3	+0.1
P46A	Rosedale	30.21	83	P	P	03 37 29.9	-0.4
M46A	Old House Fiel	30.23	80	P	P	03 37 30.4	0.0
342A	Flagon Creek P	30.24	102	P	P	03 37 31.1	+0.6
F46A	Macinaw City C	30.25	71	P	P	03 37 30.4	-0.2
Q46A	CEJHS Indians,	30.32	85	P	P	03 37 30.4	-0.8
U45A	Rockin P Farm,	30.36	90	P	P	03 37 31.4	-0.3
541A	Lake Charles	30.37	105	P	P	03 37 32.6	+0.9
Y44A	Strider, Charl	30.41	96	P	P	03 37 32.0	-0.1
V45A	Humboldt	30.49	91	P	P	03 37 32.3	-0.5
USIN	University of	30.49	87	eP	P	03 37 33.0	+0.2
USIN	comp-Z,176nm,1.0s				LR	LR	
R46A	Gibson Southern	30.51	86	P	P	03 37 32.2	-0.7
442A	Mamou	30.53	103	P	P	03 37 33.1	-0.1
GLMI	Grayling	30.55	72	P	P	03 37 32.9	-0.4
GLMI	Grayling	30.55	72	P	PFAKE	03 37 50.0	+1.7
GLMI	comp-Z,10um,21.0s				LR	LR	
243A	Waterproof	30.57	100	P	P	03 37 33.8	+0.4
S46A	Don Dixon Farm	30.57	87	P	P	03 37 32.9	-0.5
W45A	Hickory Valley	30.59	93	P	P	03 37 33.9	+0.2
Z44A	Pea Ridge, Bel	30.59	97	P	P	03 37 34.3	+0.6

T46A	Princeton	30.70	88	P	P	03 37 34.0	-0.7
OXF	Oxford	30.73	94	P	P	03 37 35.3	+0.4
OXF	Oxford	30.73	94	eP	P	03 37 35.2	+0.4
OXF	comp-Z,252nm,1.1s				pmax	pmax	
OXF	comp-Z,13um,20.0s				MLR	MLR	
OXF	Oxford	30.73	94	eP	P	03 37 35.2	+0.3
OXF	comp-Z,252nm,1.1s				LR	LR	
O47A	Sheridan	30.74	82	P	P	03 37 34.2	-0.7
X45A	UM Field Stati	30.78	94	P	P	03 37 35.7	+0.4
542A	Morse	30.79	104	P	P	03 37 36.5	+1.1
U46A	Springville	30.79	90	P	P	03 37 34.9	-0.5
343A	Vidalia	30.80	101	P	P	03 37 36.1	+0.6
BLO	Bloomington	30.87	84	eP	P	03 37 36.4	+0.3
BLO	comp-Z,103nm,0.9s				pmax	pmax	
BLO	comp-Z,25um,19.0s				MLR	MLR	
BLO	Bloomington	30.87	84	eP	P	03 37 36.4	+0.3
BLO	comp-Z,103nm,0.9s				LR	LR	
144A	Alexander Plac	30.93	98	P	P	03 37 37.5	+0.8
P47A	Martinsville	30.93	83	P	P	03 37 36.3	-0.4
Y45A	Yeager Farm, C	30.94	95	P	P	03 37 37.2	+0.4
443A	Delano Plantat	30.97	102	P	P	03 37 37.4	+0.4
Q47A	Bedon North L	31.02	84	P	P	03 37 37.2	-0.2
244A	Avery, Jackson	31.05	99	P	P	03 37 38.7	+1.0
V46A	Holladay	31.07	91	P	P	03 37 37.4	-0.5
VBMS	Vicksburg	31.08	99	P	P	03 37 38.7	+0.8
VBMS	Vicksburg	31.08	99	P	PFAKE	03 37 50.0	+1.2
VBMS	comp-Z,11um,20.0s				LR	LR	
Z45A	Winona	31.08	96	P	P	03 37 38.8	+0.8
WVT	Waverly	31.14	90	P	P	03 37 38.5	0.0
WVT	Waverly	31.14	90	eP	P	03 37 38.7	+0.2
WVT	comp-Z,132nm,1.6s				pmax	pmax	
WVT	comp-Z,10um,19.0s				MLR	MLR	
WVT	Waverly	31.14	90	eP	P	03 37 38.7	+0.2
WVT	comp-Z,132nm,1.6s				LR	LR	
W46A	Michie	31.19	92	P	P	03 37 38.6	-0.3
R47A	Wooly Knot Far	31.19	85	P	P	03 37 38.6	-0.4
T47A	Sharon Grove	31.30	88	P	P	03 37 39.5	-0.4
543A	St. Martinville	31.30	103	P	P	03 37 40.5	+0.6
145A	Hotton Renfro	31.30	98	P	P	03 37 40.6	+0.6
X46A	Booneville	31.31	93	P	P	03 37 39.9	-0.1
344A	Westbrook Farm	31.34	100	P	P	03 37 40.8	+0.6
WCI	Wyandotte Cave	31.39	85	P	P	03 37 40.6	-0.1
WCI	Wyandotte Cave	31.39	85	eP	P	03 37 40.8	+0.2
WCI	comp-Z,250nm,1.9s				pmax	pmax	
WCI	comp-Z,250nm,1.9s				MLR	MLR	
WCI	Wyandotte Cave	31.39	85	eP	P	03 37 40.8	+0.2
WCI	comp-Z,32um,21.0s				LR	LR	
U47A	Clarksville	31.40	89	P	P	03 37 40.6	-0.2
Y46A	Houston	31.43	95	P	P	03 37 41.1	+0.1
PLAL	Pickwick Lake	31.48	92	eP	P	03 37 41.4	-0.1
PLAL	comp-Z,242nm,1.8s				LR	LR	
V47A	Nunnely	31.50	90	P	P	03 37 41.3	-0.3
245A	Little AP, Sta	31.62	98	P	P	03 37 43.4	+0.6
R48A	Northridge Ran	31.63	85	P	P	03 37 42.5	-0.2
W47A	Westpoint	31.70	91	P	P	03 37 43.1	-0.3
Z46A	Louisville	31.71	96	P	P	03 37 44.0	+0.4
444A	Pine Grove	31.73	101	P	P	03 37 44.8	+1.1
T48A	Bowling Green	31.77	87	P	P	03 37 44.0	0.0
544A	White Castle	31.78	103	P	P	03 37 43.6	-0.5
S48A	Wiemann Farm,	31.79	86	P	P	03 37 44.0	-0.2
X47A	Russellville	31.85	93	P	P	03 37 44.3	-0.5
AAM	Ann Arbor	31.88	77	P	P	03 37 45.1	+0.1
AAM	Ann Arbor	31.88	77	P	PFAKE	03 38 00.0	+1.5
AAM	comp-Z,2um,19.0s				LR	LR	
U48A	Casita, Pea, Po	31.91	88	P	P	03 37 45.4	+0.1
146A	Union	31.91	97	P	P	03 37 46.1	+0.7
345A	Thompson Farm,	31.92	100	P	P	03 37 46.0	+0.6
445A	Amite	32.01	101	P	P	03 37 47.9	+1.7
V48A	Smith Brothers	32.04	90	P	P	03 37 45.9	-0.5
JRQG	Juriquilla Cam	32.05	127	eP	P	03 37 49.1	+2.3
JRQG	comp-Z,161nm,1.3s				LR	LR	
Y47A	UCPARC, Winfie	32.15	94	P	P	03 37 47.0	-0.5
GAMB	Gambell	32.17	324	eP	P	03 37 47.7	+0.5
GAMB	comp-Z,16nm,1.1s				LR	LR	
GAMB	comp-Z,8um,20.0s				LR	LR	
246A	Jackson Lee, B	32.19	98	P	P	03 37 48.0	+0.3
W48A	Pulaski	32.23	91	P	P	03 37 47.6	-0.5
346A	Big Creek Wild	32.28	99	P	P	03 37 49.5	+1.0
Z47A	Carrollton	32.34	95	P	P	03 37 48.8	-0.3
MOIG	Morelia	32.43	129	P	PFAKE	03 38 00.0	+1.0
MOIG	comp-Z,4um,18.0s				LR	LR	
147A	Livingston	32.46	96	P	P	03 37 50.4	+0.2
X48A	Hartselle	32.48	92	P	P	03 37 49.9	-0.3
Z47A	Quitman	32.54	97	P	P	03 37 51.4	+0.6
248A	Northport	32.63	94	P	P	03 37 51.0	-0.6
Y48A	Jasper	32.64	93	P	P	03 37 51.4	-0.3
446A	Poplarville	32.68	100	P	P	03 37 52.9	+0.8
SWET	Sewanee	32.93	90	eP	P	03 37 54.5	+0.2
SWET	comp-Z,122nm,1.5s				LR	LR	

347A	Saraland	32.94	98	P	P	03 37 55.1	+0.8</
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859										2012 FEB										15d 3h									
MMNY	Mt. Morris Dam	35.80	74	PFAKE	LR	03 38 30.0	+11	SCIG	comp=Z,120nm,1.1s									SCO	Scoresbysund	54.52	23	iP	P	03 40 47.5	+0.3				
MMNY	Blue Knob Stat							PAL	comp=Z,5um,22.0s		LR	LR						SCO	Scoresbysund	54.52	23	iP	P	03 40 47.5	+0.3				
BLA	Blacksburg	36.05	84	P	P	03 38 21.4	+0.1	PAL	Palisades	39.20	75	P	P	03 38 47.1	-0.7			SCO	Scoresbysund	54.52	23	eP	P	03 40 47.5	+0.3				
BLA	Blacksburg	36.05	84	eP	pmax	03 38 22.3	+1.0	PAL	Palisades	39.20	75	PFAKE	LR	03 39 00.0	+12			KBS	Kingsbay	55.52	9	PFAKE	LR	03 41 10.0	+16				
BLA	comp=Z,256nm,1.8s							CPNY	comp=Z,11um,19.0s	39.24	75	PFAKE	LR	03 39 00.0	+12			KBS	Kingsbay	55.52	9	PFAKE	LR	03 41 10.0	+16				
BLA	comp=Z,17um,18.0s			MLR	MLR			CPNY	Central Park	39.24	75	PFAKE	LR	03 39 00.0	+12			MPR	Mayaguez	56.30	97	eP	P	03 41 01.8	+1.0				
BLA	Blacksburg	36.05	84	eP	P	03 38 22.3	+1.0	658A	Bunnell	39.28	95	P	P	03 38 48.6	0.0			SPA0	Spitsbergen Ar	56.63	8	eP	P	03 41 00.7	-1.6				
HODGE	Hodges	36.06	89	eP	P	03 38 21.8	+0.4	HNH	Hanover	39.36	70	eP	P	03 38 49.8	+0.7			SPITS	Spitsbergen Ar	56.63	8	eP	P	03 41 00.7	-1.6				
HODGE	comp=Z,108nm,1.3s							LBNH	Lisbon	39.43	69	P	P	03 38 49.5	-0.3			SPITS	comp=Z,1.6nm,0.9s,baz=60,slow=8.5,SNR=3.8			LR	LR	04 08 30.0					
O56A	Blue Knob Stat	36.18	78	P	P	03 38 21.9	-0.4	LBNH	Lisbon	39.43	69	eP	pmax	03 38 50.2	+0.4			MOTC	comp=Z,1um,18.4s,baz=180,slow=40			P	P	03 41 03.5	-0.5				
453A	Whigham	36.28	96	P	P	03 38 23.0	-0.2	LBNH	comp=Z,52nm,1.1s			MLR	MLR					SJG	San Juan	56.75	112	eP	P	03 41 07.8	+1.5				
KMSC	Kings Mountain	36.31	87	P	P	03 38 22.7	-0.8	LBNH	comp=Z,23um,19.0s	39.43	69	eP	P	03 38 50.2	+0.4			SJG	comp=Z,4um,22.0s	57.08	96	eP	P	03 41 07.8	+1.5				
KMSC	Kings Mountain	36.31	87	eP	P	03 38 23.5	+0.1	LBNH	comp=Z,52nm,1.1s									SJG	comp=Z,56nm,1.0s			MLR	MLR						
KMSC	comp=Z,24um,20.0s			LR	LR			YLE	Yale	39.76	74	PFAKE	LR	03 39 00.0	+7.5			SJG	San Juan	57.08	96	eP	P	03 41 07.8	+1.5				
YWCC	Virginia Weste	36.36	83	eP	P	03 38 24.7	+0.8	YLE	comp=Z,6um,18.0s									SJG	comp=Z,4um,22.0s	57.08	96	eP	P	03 41 07.8	+1.5				
TIGA	Tifton	36.50	94	P	P	03 38 25.1	0.0	QUAZ	Belchertown	39.81	72	eP	P	03 38 53.9	+1.0			SJG	San Juan	57.08	96	eP	P	03 41 07.8	+1.5				
TIGA	Tifton	36.50	94	eP	P	03 38 25.4	+0.3	FFD	Franklin Falls	39.87	70	eP	P	03 38 54.4	+0.9			SJG	comp=Z,56nm,1.0s			LR	LR						
TIGA	comp=Z,67nm,0.8s			LR	LR			DWPF	Disney Wildern	39.89	97	P	P	03 38 54.8	+0.1			SJG	comp=Z,4um,22.0s	57.08	96	eP	P	03 41 07.8	+1.5				
SSPA	Standing Stone	36.52	77	P	P	03 38 25.0	-0.2	DWPF	Disney Wildern	39.89	97	eP	P	03 38 54.7	+1.0			HUMP	comp=Z,3um,19.0s			LR	LR						
SSPA	Standing Stone	36.52	77	eP	P	03 38 25.1	-0.2	DWPF	comp=Z,478nm,1.3s									HUMP	comp=Z,3um,19.0s			LR	LR						
SSPA	comp=Z,6um,19.0s			LR	LR			SCHO	Schefferville	40.04	52	P	P	03 38 53.7	-1.0			DBBC	Dabeiba	57.68	114	eP	P	03 41 12.7	+2.1				
553A	Crawfordville	36.56	97	P	P	03 38 25.7	+0.1	SCHO	comp=Z,2.1nm,0.9s,baz=282,slow=8.1,SNR=22									NKL	Nikolayevsk	57.73	315	eP	P	03 41 07.5	-2.9				
JSC	Jenkinsville	36.76	89	eP	pmax	03 38 27.6	+0.2	SCHO	Schefferville	40.04	52	eP	P	03 38 54.5	-0.3			NKL	comp=Z,1.5um,18.4s,baz=284,slow=36			P	P	03 49 13.0	-7.2				
JSC	Jenkinsville	36.76	89	eP	pmax	03 38 27.6	+0.2	TEIG	comp=Z,3.1nm,0.9s	40.10	113	PFAKE	LR	03 39 10.0	+14			TYV	TYV	57.85	312	eP	pmax	03 41 04.1	-7.2				
JSC	comp=Z,117nm,0.9s			MLR	MLR			TEIG	comp=Z,3um,19.0s									TYV	comp=Z,300nm,3.6s			pmax	pmax						
JSC	comp=Z,17um,22.0s			LR	LR			HRV	Adam Dzewionski	40.28	71	PFAKE	LR	03 39 10.0	+13			YAK	comp=Z,8.0nm,1.4s			eP	P	03 41 09.8	-2.8				
JSC	comp=Z,17um,22.0s			LR	LR			HRV	comp=Z,19um,18.0s									YAK	Yakutsk	58.06	327	eP	P	03 41 15.7	+0.9				
TRQ	Mont Tremblant	37.07	67	eP	P	03 38 29.4	-0.5	CCIG	Comitan	40.47	121	PFAKE	LR	03 39 10.0	+11			YAK	comp=Z,2um,20.0s			eP	P	03 42 02.3					
BINY	Binghamton	37.31	74	P	P	03 38 31.4	-0.6	CCIG	comp=Z,7um,22.0s									YAK	comp=Z,2um,20.0s			eP	P	03 43 23.4					
BINY	Binghamton	37.31	74	PFAKE	LR	03 38 40.0	+8.0	BRYW	Bryant College	40.51	72	eP	P	03 39 00.1	+1.4			YAK	comp=Z,2um,21.2s,baz=303,slow=35			eP	P	03 40 08.0	-5.5				
IP04	Greensprings	37.36	81	eP	P	03 38 33.5	+1.1	WVL	Waterville	40.66	68	eP	P	03 39 02.3	+0.7			YAK	comp=Z,2um,21.2s,baz=303,slow=35			eP	P	03 41 04.6	+1.6				
IP04	comp=Z,176nm,1.9s			LR	LR			PKME	Peaks-Kenny Pk	40.87	67	PFAKE	LR	03 39 10.0	+8.3			YAK	comp=Z,11nm,1.0s			pmax	pmax	03 51 04.6					
IP03	Louisa	37.45	81	eP	P	03 38 34.3	+1.2	PKME	comp=Z,6um,21.0s									YAK	comp=Z,11nm,1.0s			pmax	pmax	03 53 03.9	0.0				
IP03	Quail	37.48	81	eP	P	03 38 34.7	+1.3	TULEG	Thule	40.94	18	eP	P	03 39 02.8	+1.0			YAK	comp=E,5.0nm,1.0s			pmax	pmax						
IP07	comp=Z,87nm,1.6s			LR	LR			TULEG	comp=Z,43nm,1.5s									YAK	comp=Z,222nm,4.1s			pmax	pmax						
PAGS	Pennsylvania G	37.50	77	eP	P	03 38 34.4	+0.8	LMN	Caledonia Moun	43.64	64	eP	P	03 39 24.6	+0.4			YAK	comp=N,159nm,4.2s			pmax	pmax						
PAGS	Pennsylvania G	37.50	77	eP	P	03 38 34.4	+0.8	LMN	comp=Z,60nm,1.2s									YAK	comp=E,138nm,4.7s			smax	smax						
PAGS	comp=Z,34nm,1.1s			LR	LR			SNET	Serv Nac Est T	44.25	120	PFAKE	LR	03 39 40.0	+10			YAK	comp=N,168nm,5.8s			smax	smax						
PAGS	comp=Z,5um,20.0s			LR	LR			SNET	comp=Z,5um,18.0s									YAK	comp=N,168nm,5.8s			smax	smax						
LONY	Lake Ozonia	37.51	69	P	P	03 38 33.0	-0.5	TGHU	Tegucigalpa, Un	45.22	118	eP	P	03 39 40.8	+3.7			YAK	comp=E,38nm,2.9s			PFAKE	LR	03 41 20.0	+7.4				
LONY	Lake Ozonia	37.51	69	eP	P	03 38 33.3	-0.3	TGHU	comp=Z,59nm,0.7s									YAK	Yakutsk	58.06	327	PFAKE	LR	03 41 20.0	+7.4				
LONY	comp=Z,25nm,1.0s			LR	LR			TGHU	comp=Z,3um,21.0s									ZARC	Zaragoza, Cauc	58.24	112	eP	P	03 41 14.4	-0.1				
IP06	Yanceyville	37.51	81	eP	P	03 38 34.9	+1.3	WBCY	West Bay, Gran	45.39	107	eP	P	03 39 44.0	+5.6			HELX	Santa Helena	58.74	114	eP	P	03 41 18.0	-0.4				
IP06	comp=Z,60nm,1.3s			LR	LR			FSCY	Frank Sound, G	45.58	107	eP	P	03 39 45.0	+5.0			HELX	comp=Z,39nm,0.9s			LR	LR						
SPRD	Spring Road, M	37.55	81	eP	P	03 38 34.3	+0.4	FSCY	comp=Z,525nm,1.3s									HELX	Santa Helena	58.74	114	eP	P	03 41 16.1	-2.3				
IP01	Cuckoo	37.55	81	eP	P	03 38 35.2	+1.2	SFJD	Kangerlussuaq	45.93	32	P	P	03 39 44.4	+2.2			H1N3	WAKE ISLAND Hy	59.09	268	T	T	04 45 21.7					
IP01	comp=Z,151nm,1.6s			LR	LR			SFJD	comp=Z,8.0nm,0.7s,baz=270,slow=34,SNR=3.4									H1N2	WAKE ISLAND Hy	59.21	112	T	T	04 45 21.1					
CVRD	Centerville Ro	37.58	81	eP	P	03 38 35.5	+1.2	SFJD	comp=Z,3um,18.3s,baz=280,slow=36									H1N1	WAKE ISLAND Hy	59.11	268	T	T	04 45 20.6					
IP05	Hopewell Churc	37.72	81	eP	P	03 38 36.3	+0.9	SFJD	comp=Z,49.32,slow=32									PTBC	PUERTO BERRIO, 59.21	112	eP	P	03 41 19.0	-2.2					
IP05	comp=Z,3um,20.0s			LR	LR			PET	Petrovavussuaq	45.93	32	iP	P	03 39 38.6	-3.5			BRRC	Barranca, Sant	59.30	111	eP	P	03 41 20.3	-1.6				
SDMD	Soldier's Dell	37.73	78	eP	P	03 38 36.6	+1.1	PET	comp=Z,3.0nm,0.7s,baz=74,slow=17,SNR=4.4									SMRT	St. Maarten	59.35	94	PFAKE	LR	03 41 40.0	+18				
SDMD	comp=Z,63nm,1.3s			LR	LR			PET	comp=Z,649nm,21.2s,baz=70,slow=34									SMRT	comp=Z,3um,21.0s			LR	LR						
CBN	Corbin Frederi	37.84	80	P	P	03 38 36.0	-0.3	PET	Petrovavussuaq	45.93	309	P	P	03 40 02.0	-0.5			SABA	Saba	59.51	94	PFAKE	LR	03 41 40.0	+17				
CBN	Corbin Frederi	37.84	80	eP	P	03 38 37.7	+1.3	PET	comp=Z,3.0nm,0.7s									SABA	comp=Z,4um,21.0s			eP	P	03 41 22.4	-1.1				
CBN	comp=Z,322nm,1.8s			LR	LR			MTDJ	Mount Denham	48.87	105	PFAKE	LR	03 40 20.0	+14			YUK	Yuzh-Kuril'sk	59.59	303	eP	P	03 43 33.0					
MVL	Millersville	37.85	77	eP	P	03 38 36.8	+0.3	MTDJ	comp=Z,3um,19.0s									YUK	comp=Z,4um,21.0s			eP	P	03 43 34.1	+0.2				
N59A	State Game Lan	37.92	76	P	P	03 38 36.5	-0.6	SUMG	Summit	48.88	24	iP	P	03 40 05.6	+0.1			NORC	Norcasia	59.65	114	eP	P	03 41 23.2	-1.1				
N59A	State Game Lan	37.92	76	eP	P	03 38 37.2	+0.1	SUMG	comp=Z,2.1nm,0.7s									SEUS	St. Eustatius	59.78	94	PFAKE	LR	03 41 40.0	+15				
N59A	comp=Z,62nm,1.2s			LR	LR			SUMG	comp=Z,2.1nm,0.7s									SEUS	comp=Z,4um,19.0s			LR	LR						
N59A	comp=Z,8um,21.0s			LR	LR			SUMG	comp=Z,2.1nm,0.7s									PAMC	Pamplona, Colo	59.82	110	eP	P	03 41 23.7	-2.3				
NCB	Newcomb	37.95	70	eP	P	03 38 38.0	+0.7	SUMG	comp=Z,2.1nm,0.7s									RREF	El Recreo	59.82	114	eP	P	03 41 28.6	+2.5				
NCB																													

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like South Karori, Fak Fak, Lord Howe Isla, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MATP, BOSA, MAW, MAN 15 03:35:52, etc.

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

Table with columns: GLA, Glamis, 0.96 20 P, Pg, 04 31 33.3 -0.8, etc. Includes stations like Glamis, El Zacaton, San Pedro Mart, Cerro Bola, Monument Peak, etc.

NIED 15 04:36:00, 42.10N, 140.50E, h5km, Mw3.9 Best double couple: Mo:7.06000x1014 NP1:346.00000x, 840.00000x, 7.2.00000x, NP2:255.00000x, 889.00000x, 1.130.00000x

IDC 15 04:36:31.8, 0.7, 42.07N, 140.29E, h0km, mb3.7/3.4, mb1 3.9/1.7, mb1mx3.7/6.7, mbtmp3.7/1.7, ML2.9/5. Ms3.9/2, Ms1 3.9/2, ms1mx3.0/7.0, Error ellipse: s-maj=2.6km s-min=1.6km az=123.2

ISCJB 15 04:36:32.0, 1.5, 42.08N, 0.03, 140.36E, 0.04, h13km, 10km, mb4.0/2.1, MS4.8/1, Error ellipse: s-maj=4.8km s-min=4.6km az=152.4

JMA 15 04:36:32.9, 42.12N, 140.44E, h8km, 1km, M3.6 JMA Felt III J1

NEIC 15 04:36:36.6, 0.3, 42.01N, 140.34E, h35km, mb4.5/9, Error ellipse: s-maj=8.9km s-min=6.9km az=160.0

ISC 15 04:36:32.7, 0.9, 42.06N, 0.03, 140.38E, 0.07, h7km, 5km, n59, c086/61, mb4.1/21, 2C-3D, Hokkaido region

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates.

Table with columns: YKA, Yellowknife Arr, 59.89 31 P, P, 04 46 39.1 +0.4, etc. Includes stations like Yellowknife Arr, Warramunga Arr, Finesse Array, etc.

IDC 15 04:38:58.2, 5.2, 57.536N, 87.01E, h0km, mb1 2.7/2, mb1mx2.6/7.2, mbtmp2.7/2, ML2.4/2, Error ellipse: s-maj=24.8km s-min=13.7km az=76.0, Southwestern Siberia

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC. Lists stations like Zalesovo Beam, ZALV, ZALZ, etc.

CSEM 15 05:12:20.7, 37.00N, 4.09W, h0km, ML1.2 MDD 15 05:12:20.7, 1.1, 37.00N, 4.09W, h0km, mblg1.2/2, Error ellipse: s-maj=8.9km s-min=3.9km az=48.0, PRXIMO, Strait of Gibraltar

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC. Lists stations like Sierra Gorda, EGOR, SELV, ELGU, etc.

IDC 15 05:12:40.1, 1.1, 36.49N, 3.00W, h0km, mb3.4/1, mb1 3.5/5, mb1mx3.2/6.5, mbtmp3.4/5, ML3.3/4, Error ellipse: s-maj=31.3km s-min=15.4km az=80.0

CSEM 15 05:12:40.8, 0.2, 36.53N, 3.00W, h10km, ML3.7/26, Error ellipse: s-maj=3.5km s-min=3.0km az=156.0

MDD 15 05:12:41.6, 0.3, 36.54N, 2.96W, h8km, 3km, mblg3.4/3, Error ellipse: s-maj=3.0km s-min=2.5km az=107.0, PRXIMO

MDD EMS: III INTENSIDAD MAXIMA. IGL 15 05:12:41.2, 36.54N, 2.97W, h7km SFS 15 05:12:42.0, 36.54N, 2.97W, h0km, ML3.0 INMG 15 05:12:42.4, 1.6, 36.55N, 3.00W, h10km, 3km, ML3.1, Error ellipse: s-maj=2.6km s-min=1.9km az=107.0

ISC 15 05:12:40.7, 1.1, 36.51N, 0.02, 2.96W, 0.02, h18km, 6km, n168, c157/264, 6C-4D, Strait of Gibraltar

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC. Lists stations like Berja, EBER, EALB, ELGU, ENIJ, etc.

Table with columns: SELV, 34nm, 0.1s, SNR=7.9, Lg, Lg, 05 13 10.8, etc. Lists stations like GORa, EGOR, EMAL, EMLI, etc.

ISK 15 05:50:14.7, 38.11N, 39.04E, h9km, ML2.3
CSEM 15 05:50:15.5, 0.2, 38.12N, 39.04E, h8km, MD2.4, Error
ellipse: s-maj=3.9km s-min=3.5km az=130.0
DDA 15 05:50:15.7, 38.14N, 39.02E, h7km, ML2.6
ISC 15 05:50:15.1, 0.1, 38.12N, 0.03, 39.05E, 0.03, h10km, gkm,
n19, c04132, Turkey

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Lists stations like SVRC, ELZG, MALT, etc.

SCB 15 05:53:52.1, 1.1, 22.55S, 66.94W, h193km, M4.7/2, Error
ellipse: s-maj=29.2km s-min=12.0km az=27.0
ISCJB 15 05:53:55.7, 0.2, 22.53S, 0.03, 67.00W, 0.03, h199km, 2km,
mb4.5/78, Error ellipse: s-maj=4.5km s-min=3.7km
az=32.6

NEIC 15 05:53:55.0, 0.5, 22.53S, 66.80W, h178km, 4km, mb4.5/58,
Error ellipse: s-maj=6.9km s-min=4.8km az=69.0
SJA 15 05:53:56.1, 0.6, 22.52S, 67.00W, h192km, 8km, ML3.7,
MW4.4

GUC 15 05:53:58.1, 0.5, 22.42S, 67.66W, h248km, gkm, ML5.5
IDC 15 05:53:59.1, 0.7, 22.37S, 66.71W, h206km, 5km, mb4.2/22,
mb1.4/327, mb1mx4.2/41, mbmp4.7/27, Error ellipse:
s-maj=13.9km s-min=9.2km az=52.0
ISC 15 05:53:57.4, 0.5, 22.54S, 0.03, 67.01W, 0.04, h199km, 4km,
h199km: p-P, n417, c140/461, mb4.5/78, 17C-1D,
Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Lists stations like YJA, PB09, PB06, etc.

Main table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Lists stations like TRQA, SPB, PLCA, etc.

Main table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Lists stations like U48A, WVT, U47A, etc.

NOA	comp=Z,2.0nm,0.6s,baz=50,slow=5.3,SNR=3.5	LR	LR	07 14 44.9	
EGMT	comp=Z,1.52nm,21.7s,baz=15,slow=38	EP	P	06 40 04.7 +1.2	
EGMT	baz=309				
EGMT	Eagleton	73.55	42	P	06 40 04.7 +1.2
WAKR	Walker	73.60	54	EP	06 40 04.5 +0.4
NB002	NORSAR Array S	73.63	337	EP	06 40 20.1 +0.3
DLMT	Dillon	73.65	45	EP	06 40 04.2 +0.6
HLID	Hailey	73.70	47	P	06 40 05.8 +1.3
HLID	Hailey	73.70	47	P	06 40 05.8 +1.3
AKASG	Malin Array Be	73.78	322	P	06 40 04.3 -0.3
AKASG	comp=Z,1.6nm,0.6s,baz=46,slow=6.0,SNR=122	LR	LR	07 13 58.7	
AKKB	Malin Array Si	73.78	322	EP	06 40 04.5 -0.1
AKKB	comp=Z,59nm,1.4s				
AKKB	Malin Array Si	73.78	322	EP	06 40 04.5 -0.1
KIEV	Kiev	73.79	322	EP	06 40 03.4 -1.3
KIEV	Kiev	73.79	322	EP	06 40 03.4 -1.3
KIEV	Kiev	73.79	322	EP	06 40 03.6 -1.1
AK11	Malin Array Si	73.82	322	EP	06 40 04.2 -0.7
NWAO	Narrogin (SRO)	73.98	201	EP	06 40 20.7 +0.8
BOZ	Bozeman (W)	74.04	44	EP	06 40 07.9 +1.3
BOZ	Bozeman (W)	74.04	44	EP	06 40 07.8 +1.3
BOZ	comp=Z,1.1nm,1.0s				
BOZ	Bozeman (W)	74.04	44	EP	06 40 07.8 +1.2
RYN	Ryan	74.11	53	EP	06 40 08.6 +1.5
RYN	comp=Z,1.4nm,1.2s				
KVN	Kaiserville	74.13	53	EP	06 40 08.6 +1.4
KVN	Kaiserville	74.13	53	EP	06 40 08.6 +1.4
NV01	Mina Array Sit	74.37	53	EP	06 40 10.0 +1.4
NV01	comp=Z,2.9nm,1.2s				
NVAR	Mina Array Bea	74.37	53	EP	06 40 10.2 +1.6
NVAR	comp=Z,2.4nm,0.7s,baz=29.0,slow=5.6,SNR=20				
NVAR	Mina Array Sit	74.37	53	EP	06 40 23.9 +0.7
NV11	Mina Array Sit	74.46	53	EP	06 40 10.1 +1.1
NV11	comp=Z,6.8nm,0.9s,baz=28.7,slow=5.8,SNR=14				
QLMT	Earthquake Lak	74.63	45	EP	06 40 11.5 +1.5
QLMT	comp=Z,1.6nm,1.5s				
PAGB	Antelope Grade	74.68	57	EP	06 40 12.0 +1.8
PAGB	comp=Z,1.6nm,0.9s				
YHB	Horse Butte	74.81	45	EP	06 40 26.7 +2.4
YHB	comp=Z,1.1nm,1.0s				
SIM	Simferopol	74.89	315	EP	06 40 11.6 +0.4
SIM	comp=Z,2.7nm,0.9s				
YMR	Madison River	74.99	45	EP	06 40 13.7 +1.6
YMR	comp=Z,3.3nm,0.9s				
GCMT	Greycliff	75.00	43	EP	06 40 13.4 +1.4
GCMT	comp=Z,2.3nm,0.9s				
YNR	Norris Junctio	75.12	45	EP	06 40 14.0 +1.1
YNR	comp=Z,2.3nm,0.9s				
YFT	Old Faithful	75.19	45	EP	06 40 16.1 +2.8
YFT	comp=Z,3.2nm,1.4s				
YPP	Pitchstone Pla	75.33	45	EP	06 40 15.8 +1.6
YPP	comp=Z,1.6nm,1.5s				
LKWY	Lake	75.37	45	EP	06 40 16.6 +2.3
LKWY	comp=Z,1.8nm,1.4s				
LKWY	Lake	75.37	45	EP	06 40 16.6 +2.3
H17A	Grant Village	75.38	45	EP	06 40 17.1 +2.7
H17A	comp=Z,3.9nm,1.8s				
H17A	Grant Village	75.38	45	EP	06 40 17.0 +2.7
MARD	Mardin	75.54	306	EP	06 40 15.2 -0.1
MARD	comp=Z,2.8nm,0.7s				
FXWY	Fox Creek	75.60	46	EP	06 40 17.4 +1.7
FXWY	comp=Z,2.1nm,1.5s				
RLMT	Red Lodge	75.64	44	EP	06 40 17.4 +1.6
RLMT	comp=Z,2.1nm,1.5s				
RLMT	Red Lodge	75.64	44	EP	06 40 17.2 +1.4
RLMT	comp=Z,2.1nm,1.5s				
MOOW	Moose Ponds	75.69	45	EP	06 40 17.9 +1.8
MOOW	comp=Z,2.8nm,1.7s				
TPAW	Teton Pass	75.73	46	EP	06 40 18.3 +1.8
TPAW	comp=Z,3.4nm,1.6s				
HVU	Hansel Valley	75.74	48	EP	06 40 18.2 +1.8
HVU	comp=Z,3.4nm,1.6s				
HVU	Hansel Valley	75.74	48	EP	06 40 18.2 +1.8
HVU	comp=Z,3.4nm,1.6s				
GRAC	Grapevine Rang	75.81	54	EP	06 40 18.2 +1.5
GRAC	comp=Z,4.3nm,1.9s,baz=42,slow=3.7				
SNOW	Snow King Moun	75.86	46	EP	06 40 18.9 +1.7
SNOW	comp=Z,3.3nm,2.2s				
SNOW	Red Top Meadow	75.87	46	EP	06 40 19.2 +2.0
REDW	Red Top Meadow	75.87	46	EP	06 40 19.2 +2.0
REDW	comp=Z,3.3nm,2.2s				
ISA	Isabella, Lake	75.89	56	EP	06 40 17.8 +0.6
ISA	comp=Z,3.3nm,2.2s				
DAC	Darwin (Calif)	76.09	55	EP	06 40 19.9 +1.3
DAC	comp=Z,3.3nm,2.2s				
DAC	Darwin (Calif)	76.09	55	EP	06 40 19.9 +1.3
DAC	comp=Z,3.3nm,2.2s				
DGM	Dagmar	76.10	39	EP	06 40 19.1 +1.0
DGM	comp=Z,3.3nm,2.2s				
BGU	Big Grassy Mou	76.11	49	EP	06 40 20.2 +1.7
BGU	comp=Z,3.3nm,2.2s				
R11A	Troy Canyon, C	76.13	52	EP	06 40 20.0 +1.3
R11A	comp=Z,3.0nm,1.5s,baz=308,SNR=5.9				
R11A	Troy Canyon, C	76.13	52	EP	06 40 20.1 +1.4
R11A	comp=Z,3.0nm,1.5s,baz=308,SNR=5.9				
LAO	LASA Array	76.25	41	EP	06 40 20.2 +1.1
LAO	comp=Z,3.1nm				
LAO	LASA Array	76.25	41	EP	06 40 20.2 +1.1
LAO	comp=Z,3.1nm				
MPMC	Manual Prospec	76.29	55	EP	06 40 20.8 +1.1
MPMC	comp=Z,3.3nm,2.2s				
FURC	Furnace Creek,	76.45	54	EP	06 40 21.9 +1.6
FURC	comp=Z,3.3nm,2.2s				
TPNV	Topopah Spring	76.56	54	EP	06 40 22.3 +1.3
TPNV	comp=Z,3.3nm,2.2s				
TPNV	Topopah Spring	76.56	54	EP	06 40 22.4 +1.3
TPNV	comp=Z,3.3nm,2.2s				
TPNV	Topopah Spring	76.56	54	EP	06 40 22.4 +1.3
TPNV	comp=Z,3.3nm,2.2s				
HWUT	Hardware Ranch	76.56	48	EP	06 40 23.1 +2.1
HWUT	comp=Z,3.8nm,1.4s				
EDW2	Edwards Air Fo	76.67	56	EP	06 40 22.4 +0.8
EDW2	comp=Z,3.3nm,2.2s				
DUG	Dugway, Toele	76.70	49	EP	06 40 23.4 +1.6
DUG	comp=Z,3.3nm,2.2s				
DUG	Dugway, Toele	76.70	49	EP	06 40 23.4 +1.6
DUG	comp=Z,3.3nm,2.2s				
DUG	Dugway, Toele	76.70	49	EP	06 40 23.4 +1.6
DUG	comp=Z,3.3nm,2.2s				
TCUT	Toone Canyon	76.95	48	EP	06 40 25.1 +1.7
TCUT	comp=Z,3.0nm,1.5s				
TCUT	Boulder Array	76.98	46	EP	06 40 24.1 +2.6
TCUT	comp=Z,3.0nm,1.5s				
BW06	Boulder Array	76.98	46	EP	06 40 23.5 0.0
BW06	comp=Z,3.0nm,1.5s				
PD31	Pinedale Array	76.98	46	EP	06 40 24.4 +1.0
PDAR	Pinedale Array	76.98	46	EP	06 40 24.3 +0.8
PDAR	comp=Z,2.9nm,0.6s,baz=26.5,slow=2.2,SNR=34				
PDAR	Pinedale Array	76.98	46	EP	06 40 24.2 +0.7
MWC	Mount Wilson	77.02	57	EP	06 40 39.9 +2.0
MWC	comp=Z,3.3nm,2.2s				
CTU	Camp Tracy	77.02	48	EP	06 40 24.7 +1.1
CTU	comp=Z,3.3nm,2.2s				
LEOM	Leova	77.05	319	EP	06 40 24.0 +0.6
LEOM	comp=Z,3.3nm,2.2s				
PSUT	Pine Spring	77.09	51	EP	06 40 25.9 +1.7
PSUT	comp=Z,3.3nm,2.2s				
GSC	Goldstone, Bar	77.19	55	EP	06 40 25.8 +1.2
GSC	comp=Z,3.3nm,2.2s				
GSC	Goldstone, Bar	77.19	55	EP	06 40 25.8 +1.0
GSC	comp=Z,3.3nm,2.2s				

NLU	North Lily Min	77.29	49	EP	06 40 26.6 +1.4
NLU	comp=Z,3.3nm,2.2s				
MPU	Maple Canyon	77.52	49	EP	06 40 28.4 +1.9
MPU	comp=Z,3.3nm,2.2s				
SHPR	Sheep Range	77.52	53	EP	06 40 28.5 +1.7
SHPR	comp=Z,1.5nm,1.1s				
ILGA	Ilgaz	77.57	313	EP	06 40 27.8 +1.0
ILGA	comp=Z,3.2nm,0.7s				
KWP	Kalwaria Pacia	77.59	324	EP	06 40 27.8 +1.4
KWP	comp=Z,3.2nm,0.7s				
BUR08	Bucovina Ar. S	77.79	322	EP	06 40 28.6 +0.8
BUR08	comp=Z,3.2nm,0.7s				
BUR04	Bucovina Ar. S	77.80	322	EP	06 40 28.1 +0.3
BUR04	comp=Z,3.2nm,0.7s				
BURAR	Bucovina Array	77.80	322	EP	06 40 28.2 +0.5
BURAR	comp=Z,3.2nm,0.7s				
BURAR	Bucovina Array	77.80	322	EP	06 40 28.3 +0.5
BURAR	comp=Z,3.2nm,0.7s				
TESR	Tescani	77.84	320	EP	06 40 27.9 0.0
TESR	comp=Z,3.2nm,0.7s				
CFR	Carcallu	77.97	318	EP	06 40 31.9 +0.1
CFR	comp=Z,3.2nm,0.7s				
CFR	Carcallu	77.97	318	EP	06 40 32.7 +0.1
CFR	comp=Z,3.2nm,0.7s				
CCUT	Cedar City	78.00	52	EP	06 40 31.0 +1.8
CCUT	comp=Z,1.6nm,1.2s				
PETR	Petresti	78.08	319	EP	06 40 31.1 +1.9
PETR	comp=Z,1.6nm,1.2s				
MSU	Marysvalde	78.13	50	EP	06 40 45.8 +1.6
MSU	comp=Z,1.6nm,1.2s				
MSU	Marysvalde	78.13	50	EP	06 40 32.3 +2.3
MSU	comp=Z,1.6nm,1.2s				
MSU	Marysvalde	78.13	50	EP	06 40 45.8 +1.6
MSU	comp=Z,1.6nm,1.2s				
SZCU	Shurtz Canyon	78.15	52	EP	06 40 30.8 +0.8
SZCU	comp=Z,1.6nm,1.2s				
VRI	Vrincioia	78.24	320	EP	06 40 31.4 +1.2
VRI	comp=Z,1.6nm,1.2s				
VRI	Vrincioia	78.24	320	EP	06 40 31.4 +1.2
VRI	comp=Z,1.6nm,1.2s				
GMRC	Granite Mounta	78.25	55	EP	06 40 31.7 +1.2
GMRC	comp=Z,1.6nm,1.2s				
PLOS	Plostina	78.29	320	EP	06 40 31.0 +0.5
PLOS	comp=Z,1.6nm,1.2s				
TIRR	Tirgusor	78.31	318	EP	06 40 30.9 +0.4
TIRR	comp=Z,1.2nm,0.9s				
TIRR	Tirgusor	78.31	318	EP	06 40 30.9 +0.4
TIRR	comp=Z,1.2nm,0.9s				
P17A	Butcher Ranch,	78.39	49	EP	06 40 33.1 +1.7
P17A	comp=Z,1.2nm,0.9s				
P17A	Butcher Ranch,	78.39	49	EP	06 40 33.1 +1.7
P17A	comp=Z,1.2nm,0.9s				
STHS	Stebnicka Hut	78.41	325	EP	06 40 32.0 +0.9
STHS	comp=Z,1.4nm,1.3s				
STHS	Stebnicka Hut	78.41	325	EP	06 40 32.0 +0.9
STHS	comp=Z,1.4nm,1.3s				
TLB	Topalu	78.42	318	EP	06 40 31.2 +0.1
TLB	comp=Z,1.1nm,1.1s				
MTPU	Mount Pierson	78.42	51	EP	06 40 33.8 +2.1
MTPU	comp=Z,1.1nm,1.1s				
LDFC	Landfair	78.43	55	EP	06 40 32.7 +1.2
LDFC	comp=Z,1.1nm,1.1s				
LDFC	Landfair	78.43	55	EP	06 40 47.9 +2.2
LDFC	comp=Z,1.1nm,1.1s				
PFO	Pinyon Flats O	78.45	56	EP	06 40 47.9 +2.1
PFO	comp=Z,1.1nm,1.1s				
PFO	Pinyon Flats O	78.45	56	EP	06 40 47.9 +2.1
PFO	comp=Z,1.1nm,1.1s				
XPFO	Pison Flat S	78.45	56	EP	06 40 47.9 +2.1
XPFO	comp=Z,1.1nm,1.1s				
XPFO	Pison Flat S	78.45	56	EP	06 40 47.9 +2.1
XPFO	comp=Z,1.1nm,1.1s				
BR101	Keskin Array S	78.46	312	EP	06 40 31.6 -0.1
BR101	comp=Z,5.9nm,0.6s,baz=94,slow=6.9,SNR=8.9				
BR101	Keskin Array S	78.46	312	EP	06 40 31.6 -0.1
BR101	comp=Z,5.9nm,0.6s,baz=94,slow=6.9,SNR=8.9				
BR131	Keskin Array B	78.46	312	EP	06 40 31.6 -0.1
BR131	comp=Z,5.9nm,0.6s,baz=94,slow=6.9,SNR=8.9				
BR131	Keskin Array B	78.46	312	EP	06 40 31.6 -0.1
BR131	comp=Z,5.9nm,0.6s,baz=94,slow=6.9,SNR=8.9				
BRTR	comp=Z,4.9nm,1.8s,baz=44,slow=3.9	LR	LR	07 18 06.2	
BRTR	Keskin Array B	78.46	312	EP	06 40 31.7 0.0
BRTR	comp=Z,4.9nm,1.8s,baz=44,slow=3.9				
BRTR	Keskin Array B	78.46	312		

15d 6h

F34A	Alexandria	82.31	36	P	P	06 40 52.4 +0.4
VTS	Vitoshia	82.33	319	eP	pP	06 40 52.9 +0.5 06 41 09.5 +2.8
VTS	Vitoshia	82.33	319	eP	pmax	
VTS	Vitoshia	82.33	319	iP	P	06 40 53.0 +0.5
VTS	Vitoshia	82.33	319	eP	P	06 40 52.9 +0.5
EYMN	Ely	82.37	33	P	pP	06 41 09.5 +2.8 06 40 52.6 +0.3
EYMN	Ely	82.37	33	eP	pP	06 41 07.0 +0.4 06 40 52.7 +0.1
OGNE	Ogallala	82.37	43	eP	P	
OGNE	Ogallala	82.37	43	eP	pP	06 40 53.5 +0.9 06 41 08.4 +1.6 06 40 53.2 +0.6
HKA	Prehn Over Nor	82.42	34	P	P	
E33A	Eskdalemuir Ar	82.44	341	P	P	06 40 52.9 +0.4
EKA	Eskdalemuir Ar	82.44	341	P	LR	07 21 21.0
G34A	Benson	82.54	37	P	P	06 40 53.9 +0.7
I32A	Karley and Nic	82.55	39	P	P	06 40 53.6 +0.3
D37A	Cotton	82.57	34	P	P	06 40 53.3 -0.1
F35A	Swanville	82.58	36	P	P	06 40 53.0 +0.1
SDCO	Great Sand Dun	82.62	47	P	P	06 40 55.2 +1.1
SDCO	Great Sand Dun	82.62	47	eP	P	06 40 55.5 +1.3
C38A	Sawbill Land	82.64	33	P	P	06 40 54.0 +0.3
MOA	Molin	82.67	327	eP	P	06 40 53.9 0.0
E36A	McGregor	82.69	35	P	P	06 40 54.1 +0.1
J32A	Parkston	82.83	39	P	P	06 40 54.9 +0.1
I33A	Coleman	82.86	38	P	P	06 40 55.5 +0.5
H34A	Spellman Lake	82.90	37	P	P	06 40 55.6 +0.5
K31A	O'Neill	82.91	40	P	P	06 40 55.8 +0.5
TUC	Tucson	82.97	54	P	P	06 40 56.7 +0.9
TUC	Tucson	82.97	54	eP	pP	06 41 11.8 +1.7 06 40 56.0 +0.2
C39A	Grand Marais	83.05	32	P	P	
F36A	Milaca	83.06	35	P	P	06 40 55.9 -0.1
G35A	Watkins	83.10	36	P	P	06 40 56.5 +0.4
ECSD	EROS Data Cent	83.18	38	P	P	06 40 56.8 +0.2
ECSD	EROS Data Cent	83.18	38	eP	P	06 40 56.9 +0.3
PERS	Pernice	83.23	326	iP	P	06 40 56.9 +0.1
SOKA	Soboth	83.24	326	eP	P	06 40 57.3 +0.4
H35A	Sunnyside Ranc	83.33	37	P	P	06 40 58.0 +0.7
E38A	The Farm, Bruil	83.38	34	P	P	06 40 57.4 -0.1
K30A	Kaye Shedlock	83.39	45	eP	pP	06 40 58.2 +0.3 06 41 13.4 +1.1 06 40 58.2 +0.4
G36A	St. Michael	83.43	36	P	P	
MHTCO	State Highway	83.51	47	eP	pP	06 41 14.4 +1.4 06 40 59.0 +0.4
F37A	Hinrichs Farm	83.57	35	P	P	
VAY	Valandovo	83.57	319	iP	P	06 40 58.9 +0.3
OBKA	Obir	83.58	326	eP	P	06 40 58.2 -0.5
KBA	Koelnbreinsper	83.66	327	P	pmax	06 41 00.2 +1.0
KBA	Koelnbreinsper	83.66	327	eP	P	06 40 59.0 -0.2
T25A	Trinidad	83.67	47	P	P	06 41 00.3 +0.9
T25A	Trinidad	83.67	47	eP	pP	06 41 00.6 +1.1 06 41 15.3 +1.5
SKO	Skopje	83.69	320	iP	P	06 41 00.1 +0.8
F38A	Pierce - Schro	83.73	34	P	P	06 40 59.6 +0.2
K33A	Hardington	83.81	39	P	P	06 41 00.4 +0.5
J34A	George	83.83	38	P	P	06 41 00.5 +0.5
H36A	Jessenland, He	83.84	36	P	P	06 41 00.7 +0.7
SPMN	Marine on St.	83.87	35	P	P	06 41 00.1 0.0
SPMN	Marine on St.	83.87	35	eP	pP	06 41 14.9 +0.5 06 41 02.4 +1.7 06 41 16.4 +1.4
LAZ	Ladron	83.88	51	eP	pP	06 41 01.8 +1.0
ANMO	Albuquerque	83.94	50	eP	P	06 41 01.8 +1.0
ANMO	Albuquerque	83.94	50	eP	pmax	06 41 02.7 +1.8
ANMO	Albuquerque	83.94	50	eP	P	06 41 02.7 +1.8
E39A	Mellen	83.99	33	P	P	06 41 00.8 +0.1
BGNE	Belgrade	84.10	41	eP	pP	06 41 02.0 +0.6 06 41 16.6 +0.6 06 41 01.8 +0.3
BGNE	Belgrade	84.10	41	eP	pP	
J35A	Milford	84.19	34	P	P	06 41 01.8 +0.1
F39A	Loretta	84.21	39	P	P	06 41 02.0 +0.2
K34A	Le Mars	84.21	39	P	P	06 41 02.4 +0.5
E40A	Wakefield	84.22	33	P	P	06 41 02.1 +0.2
I36A	Fitzsimmons Fa	84.22	37	P	P	
KRUS	Krusevo	84.23	319	iP	P	06 41 02.3 +0.2
JAVS	Javornik	84.27	326	iP	P	06 41 01.1 -1.1
ABTA	Abfattersbach	84.27	326	eP	P	06 41 01.6 -0.6
D41A	Chassel	84.30	32	P	P	06 41 02.5 +0.3
H37A	Dierke Farm, C	84.31	36	P	P	06 41 02.8 +0.5
PMOR	Pomarioerio Ree	84.33	114	eT	T	08 13 43.0
G38A	Ridgeland	84.35	35	P	P	06 41 02.4 -0.1
BNM	Barren Site	84.37	51	eP	pP	06 41 04.4 +1.2 06 41 19.2 +1.8 06 41 02.5 -0.4
BNM	Barren Site	84.37	51	eP	pP	
MOTA	Moosalm	84.39	329	eP	P	
RETA	Reutte	84.41	329	eP	P	06 41 03.0 +0.1
RIA	Bitola	84.44	319	iP	P	06 41 03.2 +0.1
PDG	Podgorica	84.46	321	iP	P	06 41 03.2 +0.1
TTG	Podgorica	84.46	321	eP	pmax	06 41 03.2 +0.1
TTG	Podgorica	84.46	321	eP	pmax	06 41 03.2 +0.1
M33A	Taylor Creek F	84.47	40	P	P	06 41 03.4 +0.2
I37A	Lemond, Waseca	84.52	36	P	P	06 41 04.1 +0.7
SCHO	Schefferville	84.52	16	P	P	06 41 03.5 +0.3
SCHO	Schefferville	84.52	16	eP	P	06 41 03.5 +0.3
H38A	Maiden Rock	84.53	35	P	P	06 41 03.8 +0.4
F40A	Park Falls	84.54	33	P	P	06 41 03.8 +0.3
319A	Douglas	84.54	54	eP	pP	06 41 04.1 +0.2 06 41 20.4 +2.2 06 41 04.0 +0.4
319A	Douglas	84.54	54	eP	pP	
G39A	Holcombe	84.56	34	P	P	
FNA	Florina	84.59	319	P	P	06 41 04.5 +0.6
J36A	Seneca 1, Swea	84.59	37	P	P	06 41 03.9 +0.2

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L34A	Svendens Farm	84.60	39	P	P	06 41 04.5 +0.6
K35A	Storm Lake	84.61	38	P	P	06 41 03.9 0.0
E41A	Kenton	84.61	32	P	P	06 41 04.1 +0.2
OHR	Ohrid	84.65	319	iP	P	06 41 03.9 -0.3
BFO	Black Forest	84.70	331	iP	P	06 41 04.6 +0.3
BFO	Black Forest	84.70	331	eP	P	06 41 04.3 0.0
121A	Cookes Peak, D	84.73	53	P	P	06 41 06.2 +1.3
FETA	Feiten	84.80	329	eP	P	06 41 03.5 -1.5
COWI	Conover	84.82	33	eP	P	06 41 05.2 +0.3
COWI	Conover	84.82	33	eP	pP	06 41 18.8 -0.4 07 15 12.6
PPT	Papeete	84.83	117	LR	LR	07 07 32.2
PPT2	Papeete2	84.84	117	eLR	LR	
PPT2	Papeete2	84.84	117	eT	T	08 14 16.6
PAE	Paea	84.89	117	eT	T	08 14 20.4
DAVA	Damuels	84.93	329	ePcP	P	06 41 05.7 +0.1
J37A	Residius Farm	84.98	37	P	P	06 41 06.0 +0.3
TIAR	Tiarei	84.98	117	eT	T	08 14 25.7
H39A	Augusta	84.98	35	P	P	06 41 05.6 -0.1
I38A	Scanlan Farm	85.00	36	P	P	06 41 06.2 +0.4
G40A	Rib Lake	85.01	34	P	P	06 41 06.2 +0.3
K36A	Gilmore City	85.05	38	P	P	06 41 06.4 +0.3
E42A	Champion	85.08	32	P	P	06 41 06.3 +0.1
F41A	Thr Lakes	85.12	33	P	P	06 41 06.7 +0.3
CBKS	Cedar Bluff	85.13	43	P	P	06 41 07.1 +0.5
M35A	Neola	85.31	39	P	P	06 41 08.1 +0.6
FUORN	Ofenpass-Fuorn	85.31	329	eP	P	06 41 07.9 +0.3
DAVOX	Davos/Dischmat	85.34	329	P	P	06 41 07.8 0.0
DAVOX	Davos/Dischmat	85.34	329	LR	LR	07 22 45.5
K37A	Belmond	85.35	37	P	P	06 41 08.1 +0.5
N34A	Lincoln	85.37	40	P	P	06 41 07.7 -0.1
H40A	Chili	85.43	34	P	P	06 41 08.3 +0.4
J38A	Wedel Dairy, R	85.48	36	P	P	06 41 08.5 +0.2
G41A	Antigo	85.50	33	P	P	06 41 08.5 +0.2
E43A	Long Tree Farm	85.50	31	P	P	06 41 08.5 +0.2
I39A	Houston	85.51	36	P	P	06 41 08.3 -0.1
F42A	Maple Grove Fa	85.52	32	P	P	06 41 08.6 +0.2
H41A	Junction City	85.76	34	P	P	06 41 10.1 +0.5
M36A	Felix, Anita	85.77	39	P	P	06 41 10.1 +0.4
L37A	Phoenix Point	85.78	38	P	P	06 41 10.1 +0.4
G42A	Mountain	85.80	33	P	P	06 41 10.2 +0.4
J39A	Decorah	85.83	36	P	P	06 41 09.6 -0.4
F43A	Flat Rock, Esc	85.87	32	P	P	06 41 10.0 -0.1
I40A	Notwalk	85.90	35	P	P	06 41 10.7 +0.3
H41A	Arkdale	86.10	34	P	P	06 41 11.4 +0.1
L38A	Oak Wood Farm	86.15	37	P	P	06 41 11.8 +0.3
P34A	Walnut Farm, R	86.15	41	P	P	06 41 11.7 0.0
N36A	Muff Farm, Cla	86.17	39	P	P	06 41 12.2 +0.5
M37A	Trindle Farm	86.17	39	P	P	06 41 11.6 -0.1
TAOE	Nuku Hiva Isla	86.19	104	eLR	LR	07 08 21.1
J40A	Soldiers Grove	86.22	35	P	P	06 41 11.8 -0.1
K39A	Oelwein	86.23	36	P	P	06 41 12.1 +0.1
Q34A	Chapman	86.55	42	P	P	06 41 13.9 +0.3
IDI	Anoyia	86.58	313	P	P	06 41 12.8 -1.1
J41A	Loganville	86.58	35	P	P	06 41 13.7 0.0
K40A	Colesburg	86.58	36	P	P	06 41 14.1 +0.4
P35A	Duane Minner	86.58	41	P	P	06 41 14.2 +0.4
M38A	Pleasantville	86.58	38	P	P	06 41 14.5 +0.7
N37A	Lee Faris, Mou	86.58	39	P	P	06 41 14.5 +0.7
KSU1	Kansas State U	86.59	42	P	P	06 41 14.0 +0.2
KSU1	Kansas State U	86.59	42	eP	pP	06 41 14.3 +0.5 06 41 28.7 +0.5 06 41 14.4 +0.5
L39A	Vinton	86.62	37	P	P	06 41 14.4 +0.5
I42A	Draeger Farm	86.66	34	P	P	06 41 14.5 +0.5
O36A	Bolckow	86.67	40	P	P	06 41 14.8 +0.6
MNTX	Cornudas Mount	86.79	52	P	P	06 41 15.7 +0.8
MNTX	Cornudas Mount	86.79	52	eP	pP	06 41 16.1 +1.1 06 41 30.5 +1.1 06 41 15.6 +0.4
MNTX	Muleshoe	86.82	49	P	P	
MSTX	Muleshoe	86.82	49	eP	pP	06 41 15.4 +0.3 06 41 31.1 +1.5 06 41 15.9 +0.8
AMTX	Amarillo	86.82	47	P	P	06 41 16.4 +1.2 06 41 30.5 +0.9 06 41 15.0 +0.1
JFWS	Jewell Farm	86.83	35	P	P	06 41 30.1 +0.8 06 41 15.2 +0.1
R34A	Isabella, Hill	86.84	42	eP	pP	
P36A	Good Intent, A	86.93	40	P	P	06 41 15.5 0.0
M39A	Webster	87.03	37	P	P	06 41 16.4 +0.5
L40A	Anamosa	87.04	36	P	P	06 41 16.2 +0.2
K41A	Shensburg	87.04	36	P	P	06 41 16.2 +0.2
N38A	Joess South For	87.04	38	P	P	06 41 16.6 +0.6
O37A	Wolfen Farm, M	87.06	39	P	P	06 41 16.8 +0.7
Q35A	Merger Eighty,	87.07	41	P	P	06 41 17.0 +0.8
J43A	Natural Harves	87.28	34	P	P	06 41 17.2 +0.1
N39A	Derby Farms, D	87.34	38	P	P	06 41 18.1 +0.7
K42A	Prairie Point	87.34	35	P	P	06 41 17.5 +0.1
S34A	Willow Spring	87.36	43	P	P	06 41 17.7 +0.2
L41A	Preston	87.37	36	P	P	06 41 17.6 +0.1
R35A	Empria Municipi	87.38	42	P	P	06 41 18.3 +0.6
P37A	Lathrop	87.40	40	P	P	06 41 18.0 +0.3

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M40A	Post Highland	87.41	37	P	P	06 41 18.3 +0.6
GLMI	Graying	87.74	31	P	P	06 41 19.4 +0.2
R36A	Gordon, Harris	87.75	41	P	P	06 41 19.7 +0.3
N40A	Mertquake, Sal	87.78				

MAN 15 08:17:33.994N:123.18E, h1km, mb4.0, ML2.8, MS2.4, 3C-2D, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SNPH, TBP, LBP, etc.

NMC 15 08:17:33.322.5376N:90.54E, h0km, mb3.7, mpv3.4, Error ellipse: s-maj=16.6km s-min=10.9km az=61.0

IDC 15 08:17:35.32.5352N:90.62E, h0km, mb1.3, 4/3, mb1mx3.0/7.7, mbtmp3.4/3, ML3.3/2, 5C-6D, Error ellipse: s-maj=27.3km s-min=22.1km az=49.0, Southwestern Siberia

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

IDC 15 08:25:35.0.9.19.25N:63.36W, h0km, mb3.6/8, mb1.3/9.9, mb1mx3.7/5.6, mbtmp3.7/9, ML4.1/1, MS2.7/1, M1.2/7.1, ms1mx2.3/4.9, Error ellipse: s-maj=27.6km s-min=19.6km az=53.0

TRN 15 08:25:36.7.19.36N:63.46W, h25km, MD4.8, ISCBJ 15 08:25:38.6.0.7.19.34N:0.04:63.44W:0.02, h38km, 7km, mb3.6/7, Error ellipse: s-maj=7.8km s-min=3.1km az=19.5

RSFR 15 08:25:41.7.19.43N:63.57W, h44km, 18km, MD3.99, NEIC 15 08:25:41.7.0.0.19.43N:63.57W, h44km, mb4.2/1, MD3.9(RSPR), After: RSPR

ISC 15 08:25:40.6.0.9.19.36N:0.09:63.45W:0.04, h34km, 2km, n123, s1947/135, mb3.6/7, 20C-9D, Leeward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SMRT, TBVI, SABA, etc.

AOPR Arecibo Observ 3.29 2531 eP Pn 08 26 28.8 -0.8

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

DEG La Desirade 3.79 143 eP Pn 08 26 34.2 -2.3

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

BARC Barichara 15.83 218 eP Pn 08 29 21.0 -0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BARC, MUTC, ZARC, etc.

PCON Cinco Dias 21.14 218 eP Pn 08 30 22.6 -0.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like PCON, SOTA, HJDC, etc.

ULM Lac du Bonnet 40.16 320 eP Pn 08 33 12.9 0.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ULM, PDAR, CPUP, etc.

IDC 15 08:28:00.3e1.4.3.03S:136.23E, h0km, mb3.8/4, mb1.4/1.6, mb1mx3.8/4.6, mbtmp3.9/6, ML3.9/2, MS3.0/2, M1.3/0.2, ms1mx2.6/4.7, Error ellipse: s-maj=43.4km s-min=26.3km az=90.0

ISC/CB 15 08:28:03.8.0.8.3.12S:0.05:136.07E:0.06, h33km, mb3.7/3, Error ellipse: s-maj=9.2km s-min=7.1km az=29.9

DJA 15 08:28:09.3e1.2.3.54.1.3N:104.36E, h14km, 10km, M4.3/5, mb4.4/1, ML4.4/3.5, Error ellipse: s-maj=13.8km s-min=10.3km az=10.0

ISC 15 08:28:04.0.8.3.08S:0.06:136.09E:0.06, h33km, n13, e-233/18, mb3.9/3, Irian Jaya

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

NMC 15 08:32:07.9.3.4.55:85N:86:66E, h0km, mb3.2, mpv2.4, Error ellipse: s-maj=23.3km s-min=17.1km az=24.0

IDC 15 08:32:14.6.4.3.55:55N:86:31E, h0km, mb1.3/1.2, mb1mx2.9/7.4, mbtmp3.1/2, ML2.8/2, 4C-2D, Error ellipse: s-maj=40.9km s-min=28.7km az=24.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like I46RU, ZAAO, ZAAO, etc.

IDC 15 08:41:40.8.1.3.52:18N:171:76W, h0km, mb3.7/9, mb1.3/8.10, mb1mx3.5/7.4, mbtmp3.6/10, ML2.9/1, Error ellipse: s-maj=35.3km s-min=22.4km az=168.0

ISCJB 15 08:41:44.9e1.1.0.51:81N:0.1:171.35W:0.07, h44km, mb3.7/9, Error ellipse: s-maj=19.3km s-min=4.3km az=165.5

NEIC 15 08:41:46.1.0.0.51:92N:171:42W, h40km, ML3.5(AEIC), After: AEIC

ISC 15 08:41:46.7.1.2.52:00N:0:2:171:44W:0:06, h44km, n22, s152/27, mb3.8/9, Fox Islands

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

IDC 15 08:48:19.6.10.0.19:60N:108.91W, h0km, mb3.4/3, mb1.3/7.4, mb1mx3.4/9, mbtmp3.4/4, ML3.3/1, MS2.4/1, Ms1.2/4.1, ms1mx2.3/4.9, Error ellipse: s-maj=245.0km s-min=28.7km az=134.0, Revilla Gigedo Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like H06E1, H06E1, H06E1, etc.

NIED 15 08:52:00.37:70N:142:30E, h29km, Mw3.7, Best double couple: M4.58000x1014 NP1:108.00000, 21.00000, 1.38.00000, NP2:0.234.00000, 877.00000, 1.7.107.00000

IDC 15 08:52:48.0.0.8.3.7:64N:142:50E, h0km, mb3.6/9, mb1.3/8.1/3, mb1mx3.7/6.8, mbtmp3.7/13, ML3.7/3, MS2.7/4, Ms1.2/7.4, ms1mx2.5/6.3, Error ellipse: s-maj=22.1km s-min=16.0km az=105.0

JMA 15 08:52:52.0.0.2.37:68N:142:29E, h33km, Mw3.8, ISC 15 08:52:48.7.0.0.37:68N:0.05:142.41E:0.06, h6km, 12km, n35, s175/39, mb3.7/9, Off east coast of Honshu

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

comp=E,608nm,0.4s
ROCI EI Roble 1.79 277 i P Pb 11 50 53.4 -0.3
ROCI Sg 11 51 18.2 -0.6

CSEM 15 11:54:30.9-0.2,40'14N,24.07E,h12km,ML1.8,Error
ellipse: s-maj=4.5km s-min=2.9km az=162.0
THE 15 11:54:31.1,40'13N,24.04E,h10km,ML1.8/7,Error
ellipse: s-maj=3.9km s-min=0.6km az=274.0
ATH 15 11:54:30.4,40'13N,24.05E,h28km,ML1.9/4,Error
ellipse: s-maj=2.2km s-min=1.2km az=276.0, Aegean Sea

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

ISK 15 11:55:24.1,35'93N,24.93E,h9km,ML3.6/8
CSEM 15 11:55:27.9,0.1,36'01N,25.10E,h15km,ML3.6,Error
ellipse: s-maj=3.1km s-min=2.9km az=121.0
THE 15 11:55:27.5,36'00N,25.08E,h5km,1km,ML3.8/12,Error
ellipse: s-maj=1.4km s-min=0.3km az=67.0
ATH 15 11:55:27.1,36'01N,25.09E,h29km,ML3.6/19,Error
ellipse: s-maj=1.0km s-min=0.5km az=88.0
ISCJB 15 11:55:28.1,0.2,36'01N,25.10E,0.02,h28km,2km,
mb3.9/10, Error ellipse: s-maj=3.0km s-min=2.6km
az=165.5
IDC 15 11:55:29.2,2.5,35'92N,25.07E,h36km,25km,mb3.8/10,
mb1.3/13,mb1.2km,3.6/9,mbmp3.9/13,ML3.7/3,Error
ellipse: s-maj=22.8km s-min=13.6km az=131.0
DDA 15 11:55:31.4,36'18N,24.93E,h11km,ML3.0
ISC 15 11:55:27.6-0.9,36'00N,0.01,25.09E,0.02,h20km,3km,
n182,01928/245,mb3.8/10,Crete

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Op, ISC, h m s, ISC. Lists stations like THR8 Thira Island, THR8 Thira Island, THR8 Thira Island, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time Res, Op, ISC, h m s, ISC. Lists stations like THR2 Thira island, THR2 Thira island, THR2 Thira island, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Op, ISC, h m s, ISC. Lists stations like VLY comp=N,717um,0.5s, VLY comp=E,960um,0.6s, VLY Voula, Athens, etc.

QIZ	comp=Z,580nm,22.2s	LR	LR				
QIZ	Qiongzong	45.14 306	eP	P		14 16 07.9	-1.1
QIZ	comp=Z,69nm,1.0s			LR	LR		
KTGM	Kuala Trengganu	45.59 285	↑P	P		14 16 10.5	-2.2
SSE	Sheshan	45.67 329	P	P		14 16 13.3	+0.3
SSE			S	S		14 23 00.0	+4.6
SSE	comp=Z,41nm,0.8s			S	Pmax		
SSE	comp=Z,430nm,3.0s				Pmax	Pmax	
SSE	comp=Z,380nm,4.2s			LR	LR		
SSE	comp=Z,430nm,4.0s			LR	LR		
UBPT	Khong Chiam	46.98 299	P	P		14 16 23.7	+0.1
IPM	comp=Z,72nm,2.0s						
IPM	Iloh	47.40 283	↑P	P		14 16 26.6	-0.3
IPM	Iloh	47.40 283	eP	P		14 16 26.1	-0.8
IPM	comp=Z,36nm,0.7s			LR	LR		
IPM	comp=Z,400nm,21.0s						
TJN	Taejon	47.41 338	eP	P		14 16 25.5	-1.1
NJ2	Nanjing	47.65 327	eP	P		14 16 28.8	+0.3
NJ2			P	P		14 16 31.3	-2.4
NJ2			S	S		14 23 27.9	+4.1
NJ2	comp=Z,55nm,0.9s				Pmax	Pmax	
NJ2	comp=Z,1µm,4.9s			LR	LR		
NJ2	comp=Z,940nm,14.1s			LR	LR		
NJ2	comp=Z,1µm,20.6s			LR	LR		
MCQ	Macquarie Isla	47.81 171	P	P		14 16 30.2	+0.7
KULM	Kulim	47.96 284	↑P	P		14 16 30.5	-0.8
KULM	Kulim	47.96 284	eP	P		14 16 30.5	-0.8
KULM	comp=Z,23nm,0.9s			LR	LR		
KSRs	comp=Z,500nm,20.0s						
KSRs	Korea Array	48.17 340	P	P		14 16 32.0	-0.5
KSRs	comp=Z,52nm,0.8s,baz=158,slow=8,SNR=91			P	P		
KSRs	comp=Z,3.0nm,0.7s,baz=216,slow=2.1,SNR=4.7			PcP	PcP		
KSRs	comp=Z,1µm,19.9s,baz=152,slow=34			LR	LR	14 35 09.1	
KSRs	Korea Array	48.17 340	P	P		14 16 32.0	-0.5
KSRs					Pmax	Pmax	
KSRs	comp=Z,52nm,0.8s						
KS15	Wonju Array Si	48.18 340	eP	P		14 16 32.0	-0.5
KSAR	Wonju Array Be	48.18 340	P	P		14 16 32.0	-0.5
KSAR						14 18 00.4	
KSAR	Wonju Array Be	48.18 340	P	P		14 16 32.0	-0.5
KSAR					PcP	PcP	
KS01	Wonju Array Si	48.20 340	eP	P		14 16 31.5	-1.3
INCN	Inchon	48.66 338	eP	P		14 16 35.5	-0.7
INCN	comp=Z,95nm,1.0s			LR	LR		
SKNT	comp=Z,1µm,22.0s						
SKNT	Sakolnakhorn	49.01 300	P	P		14 16 38.8	-0.5
PSI	comp=Z,21nm,2.0s						
PSI	Prapat	49.05 280	P	P		14 16 39.0	-0.8
PSI	comp=Z,4.9nm,0.4s,baz=96,slow=13,SNR=5.6			LR	LR	14 41 42.2	
PSI	comp=Z,721nm,19.7s,baz=126,slow=41			LR	LR		
PSI	Prapat	49.05 280	eP	P		14 16 36.9	-2.9
WHN	Wuhan	49.13 322	↑P	P		14 16 41.4	+1.5
WHN				LR	LR		
SRAK	comp=Z,1µm,20.1s						
SRAK	Srakaw	49.48 296	P	P		14 16 45.8	+2.9
GS1	comp=Z,95nm,1.0s,comp=Z,515nm						
GS1	Gunungsitoli	50.07 278	eP	P		14 16 45.2	-2.3
NONG	Nongkai	50.20 301	P	P		14 16 48.6	+0.2
NAYO	comp=Z,4nm,1.4s,comp=Z,2µm						
NAYO	Nakonayok	50.24 296	P	P		14 16 51.1	+2.4
CHAI	comp=Z,21nm,1.0s,comp=Z,722nm						
CHAI	Chaiyaphum	50.28 298	P	P		14 16 49.6	+0.6
SURT	comp=Z,19nm,0.8s,comp=Z,112nm						
SURT	Suratani	50.75 288	P	P		14 16 53.9	+1.3
PHET	comp=Z,16nm,1.4s,comp=Z,170nm						
PHET	Kaeng Krachan	51.25 293	P	P		14 17 01.1	+4.8
YUK	comp=Z,13nm,0.8s,comp=Z,147nm						
YUK	Yuzh-Kuril'sk	51.34 359	eP	P		14 16 45.4	-1.1
YUK					S	14 24 13.3	-1.6
YUK					eSS	14 27 50.1	-0.9
YUK	comp=N,2µm,21.0s			MLR	MLR		
YUK	comp=N,2µm,21.0s			MLR	MLR		
YUK	comp=Z,2µm,21.0s			MLR	MLR		
PBKT	comp=Z,2µm,21.0s			MLR	MLR		
PBKT	Sadao Pong	51.45 298	P	P		14 16 58.0	+0.3
ASAJ	comp=Z,55nm,1.5s,comp=Z,2µm						
ASAJ	Asahikawa	51.56 356	P	P		14 16 58.6	+0.5
ASAJ	comp=Z,23nm,0.7s,baz=218,slow=14,SNR=9.2						
ASAJ	Asahikawa	51.56 356	eP	P		14 16 58.2	+0.1
GYA	comp=Z,29nm,0.8s						
GYA	Guiyang	51.70 312	↑P	P		14 17 00.4	+0.8
GYA			PcP	P		14 18 14.0	+0.9
GYA			PP	PP		14 18 58.9	+1.5
GYA			SoP	SoP		14 22 10.0	+0.6
GYA			S	S		14 24 21.6	+0.8
GYA			SS	SS		14 27 55.4	-2.2
GYA				Pmax	Pmax		
GYA	comp=Z,70nm,1.0s						
GYA	comp=Z,180nm,7.5s				Pmax	Pmax	
GYA	comp=Z,3µm,18.0s			LR	LR		
GYA	comp=Z,2µm,18.5s			LR	LR		
GYA	comp=Z,2µm,18.9s			LR	LR		
TIA	comp=Z,2µm,18.9s						
TIA	Tai'an	51.78 329	P	P		14 16 58.8	-1.1
TIA	comp=Z,25nm,0.8s				Pmax	Pmax	
TIA	comp=Z,720nm,5.0s				Pmax	Pmax	
TIA	comp=Z,650nm,20.1s			LR	LR		
TIA	comp=Z,580nm,16.7s			LR	LR		
TIA	comp=Z,1µm,20.3s			LR	LR		
DL2	Dalian	51.86 335	↑P	P		14 17 00.4	-0.1
DL2			S	S		14 24 26.5	+4.1
DL2	comp=Z,52nm,1.1s				Pmax	Pmax	
DL2	comp=Z,500nm,4.9s			LR	LR		
DL2	comp=Z,1µm,18.5s			LR	LR		
DL2	comp=Z,990nm,18.3s			LR	LR		
DL2	comp=Z,2µm,19.6s			LR	LR		
ENH	Enshi	52.04 318	eP	P		14 17 01.8	-0.2
ENH	comp=Z,307nm,1.3s			LR	LR		
ENH	comp=Z,1µm,21.0s						
SRDT	SRDT	52.23 295	eP	P		14 17 13.2	+1.0
VLA	Vladivostok	52.25 346	eP	P		14 17 01.3	-2.0
VLA					Pmax	Pmax	
UTHA	comp=Z,62nm,1.3s						
UTHA	Uthaitani	52.39 296	P	P		14 17 06.3	+1.5
KUR	comp=Z,12nm,0.8s,comp=Z,116nm						
KUR	Kuril'sk	52.59 111	eP	P		14 17 04.2	-1.1
NANT	Nan	52.61 300	P	P		14 17 07.6	+1.2
PHRA	comp=Z,23nm,0.9s,comp=Z,224nm						
PHRA	Phrae	52.89 300	P	P		14 17 09.2	+0.7
RAR	comp=Z,287nm,1.0s,comp=Z,5µm						
RAR	Rarotonga	53.09 111	LR	LR		14 36 01.5	
USRK	comp=Z,15nm,21.8s,baz=97.6,slow=32						
USRK	Ussuriysk Ar.	53.25 347	P	P		14 17 10.3	-0.3
USRK	comp=Z,42nm,0.7s,baz=172,slow=5.4,SNR=28			LR	LR	14 37 43.1	
LAMP	comp=Z,588nm,19.4s,baz=151,slow=34						
LAMP	Lampang	53.41 300	P	P		14 17 14.2	+1.9

comp=Z,16nm,1.0s,comp=Z,142nm							
Shenyang	53.60 338	↑P	S	P		14 17 11.0	-2.2
SNY				P	Pmax	14 24 47.0	+1.0
SNY	comp=Z,33nm,1.2s				Pmax	Pmax	
SNY	comp=Z,760nm,5.1s			LR	LR		
SNY	comp=Z,750nm,22.0s			LR	LR		
SNY	comp=Z,990nm,20.6s			LR	LR		
SNY	comp=Z,2µm,22.0s			LR	LR		
KMI	Kunming	53.93 308	P	P		14 17 17.9	+1.6
KMI			S	S		14 24 54.8	+3.2
KMI			ScS	ScS		14 27 06.5	+0.7
KMI			SS	SS		14 28 31.9	-1.3
KMI				Pmax	Pmax		
KMI	comp=Z,89nm,1.2s				Pmax	Pmax	
KMI	comp=Z,640nm,5.6s			LR	LR		
KMI	comp=Z,300nm,23.3s			LR	LR		
KMI	comp=Z,320nm,16.0s			LR	LR		
KMI	comp=Z,430nm,21.8s						
CM01	Chiang Mai Arr	53.95 299	eP	P		14 17 16.7	+0.4
CM31	Chiang Mai Arr	53.98 299	eP	P		14 17 17.0	+0.5
CM31	Chiang Mai Arr	53.98 299	P	P		14 17 17.5	+1.0
CM31	Chiang Mai Arr	53.98 299	P	P		14 17 17.3	+0.8
CMAR	comp=Z,15nm,0.8s,baz=121,slow=5.8,SNR=68			LR	LR	14 43 07.5	
CMAR	comp=Z,178nm,18.1s,baz=125,slow=38				PKP2bc	14 47 44.1	
CMAR	comp=Z,0.5nm,0.8s,baz=277,slow=4.1,SNR=4.2						
CMMT	Chiang Mai	54.12 300	P	P		14 17 17.0	-0.6
CMMT	comp=Z,32nm,1.0s,comp=Z,53nm						
CHTO	Chiang Mai	54.12 300	P	P		14 17 18.1	+0.5
CHTO	comp=Z,148nm,1.1s,comp=Z,2µm						
CHTO	Chiang Mai	54.12 300	eP	P		14 17 17.7	+0.1
CHTO					Pmax	Pmax	
CHTO	comp=Z,25nm,0.8s				MLR	MLR	
CHTO	comp=Z,300nm,20.0s						
CHTO	Chiang Mai	54.12 300	eP	P		14 17 17.7	+0.1
CHTO	comp=Z,24nm,0.8s			LR	LR		
CHTO	comp=Z,300nm,20.0s						
CHTO	Chiang Mai	54.12 300	P	P		14 17 18.0	+0.5
MDJ	Mudanjiang	54.23 345	P	Pmax		14 17 16.3	-1.5
MDJ	comp=Z,30nm,1.2s				Pmax	Pmax	
MDJ	comp=Z,1µm,4.8s						
MDJ	Mudanjiang	54.23 345	eP	P		14 17 17.2	-0.7
MDJ	comp=Z,70nm,1.3s			LR	LR		
MDJ	comp=Z,900nm,22.0s						
YSS	Yuzh-Sakhalins	54.38 356	↑P	P		14 17 18.4	-0.4
YSS			e	e		14 17 24.4	
YSS			e	e		14 17 34.6	
YSS				Pmax	Pmax		
YSS	comp=Z,40nm,0.8s				MLR	MLR	
YSS	comp=N,700nm,16.0s						
YSS	Yuzh-Sakhalins	54.38 356	eP	P		14 17 18.4	-0.4</

BVA0	Borovoye Array	88.00 324	iP	P	14 20 40.9	-1.3
BVA0	comp-Z,36nm,1.3s					
BRVK	Borovoye	88.07 324	dIP	P	14 20 41.6	-0.9
BRVK	comp-Z,83nm,1.2s					
BRVK	Borovoye	88.07 324	eP	P	14 20 41.4	-1.1
BRVK	comp-Z,21nm,0.8s					
BRVK	Borovoye	88.07 324	P	P	14 20 41.7	-0.8
BRVK	SNR=14					
FYU	Fort Yukon	88.24 22	eP	P	14 20 43.3	+0.3
FYU	comp-Z,270nm,1.1s					
EGAK	Eagle	89.16 24	eP	P	14 20 47.1	-0.2
EGAK	comp-Z,388nm,1.8s					
SYO	Syowa Base	89.16 200	iP	P	14 20 47.8	+0.4
SYO	Syowa Base	89.16 200	iP	P	14 20 47.8	+0.4
HYT	Haines Junction	89.53 28	eP	P	14 20 48.4	-1.0
HYT	comp-Z,423nm,1.6s					
DAWY	Dawson	89.65 25	eP	P	14 20 49.9	+0.1
DAWY	comp-Z,393nm,1.6s					
SKAG	Skagway	90.22 30	eP	P	14 20 52.8	+0.4
SKAG	comp-Z,168nm,1.4s					
BESE	Bessie Mountain	90.24 31	eP	P	14 20 53.0	+0.4
BESE	comp-Z,111nm,1.2s					
WHY	Whitehorse	90.73 29	eP	P	14 20 55.2	+0.3
WHY	comp-Z,33nm,1.6s					
WSAR	Wadi Sarin	91.44 293	P	P	14 20 59.3	+0.2
WSAR	comp-Z,100nm,0.8s,baz=125,slow=7.4,SNR=6.4					
DLBC	Dease Lake	92.69 32	eP	P	14 21 04.5	+0.4
DLBC	comp-Z,23nm,1.0s					
BBB	Bella Bella	92.77 38	LR	LR	14 59 19.2	
BBB	comp-Z,465nm,18.2s,baz=92,slow=33					
INK	Inuvik	93.07 21	eP	P	14 21 05.2	-0.3
INK	comp-Z,39nm,1.2s,baz=237,slow=5.9,SNR=19					
INK	comp-Z,6.9nm,1.0s,baz=226,slow=7.6,SNR=4.0					
INK	comp-Z,1.9nm,1.1s,baz=217,slow=32,SNR=8.7					
INK	Inuvik	93.07 21	eP	P	14 21 04.3	-1.2
INK	comp-Z,177nm,1.8s					
INK	comp-Z,177nm,1.8s					
INK	comp-Z,177nm,1.8s					
GEYT	Alibeck	93.69 308	P	P	14 21 37.5	+4.1
GEYT	comp-Z,17nm,1.1s,baz=112,slow=1.6,SNR=26					
GEYT	comp-Z,8.0nm,1.1s,baz=96,slow=7.6,SNR=5.9					
GEYT	comp-Z,266nm,20.9s,baz=95,slow=37					
AB31	Akbulak array	93.73 319	iP	P	14 21 06.7	-2.2
AB31	comp-Z,18nm,0.7s					
ABKAR	Akbulak array	93.73 319	eP	P	14 21 06.7	-2.3
ABKAR	comp-Z,177nm,0.8s					
SVE	Sverdlovsk	94.25 327	eP	P	14 21 09.5	-1.7
SVE	comp-Z,32nm,1.4s					
KHMM	Horse Mountain	94.32 50	eP	P	14 21 14.0	+1.9
KHMM	comp-Z,73nm,1.3s					
L02D	Cave Junction,	94.55 48	P	P	14 21 13.3	+0.3
L02D	baz=264					
M02C	Callahan	95.03 49	P	P	14 21 15.8	+0.5
M02C	baz=264,SNR=8.4					
HUMO	Hull Mountain	95.07 48	eP	P	14 21 15.7	+0.3
HUMO	comp-Z,58nm,1.6s					
AKTO	Aktyubinsk	95.10 320	P	P	14 21 13.8	-1.4
AKTO	comp-Z,14nm,1.1s,baz=94,slow=5.0,SNR=19					
AKTO	comp-Z,2.1nm,1.0s,baz=101,slow=11,SNR=3.6					
AKTO	comp-Z,279nm,19.1s,baz=79,slow=37					
AKTO	Aktyubinsk	95.10 320	iP	P	14 21 12.9	-2.3
AKTO	comp-Z,19nm,1.0s					
N02D	Trinity Center	95.10 49	P	P	14 21 15.8	+0.3
N02D	baz=264,SNR=8.4					
YBH	Yreka Blue Hor	95.17 49	P	P	14 21 13.8	-2.1
YBH	comp-Z,14nm,1.0s,baz=212,slow=2.7,SNR=15					
YBH	Yreka Blue Hor	95.17 49	eP	P	14 21 16.3	+0.4
YBH	comp-Z,16nm,0.9s					
YBH	Yreka Blue Hor	95.17 49	eP	P	14 21 16.3	+0.4
YBH	comp-Z,16nm,0.9s					
WDC	Whiskeytown Da	95.19 50	eP	P	14 21 16.4	+0.5
WDC	comp-Z,21nm,1.1s					
WDC	Whiskeytown Da	95.19 50	eP	P	14 21 16.4	+0.5
WDC	comp-Z,21nm,1.1s					
ARU	Arti	95.35 326	P	P	14 21 14.3	-1.9
ARU	comp-Z,4.0nm,0.5s,baz=99,slow=2.9,SNR=11					
ARU	Arti	95.35 326	iP	P	14 21 14.0	-2.2
ARU	comp-Z,14nm,0.7s					
ARU	Arti	95.35 326	iP	P	14 21 14.0	-2.2
ARU	comp-Z,26nm,1.2s					
ARU	comp-Z,503nm,21.0s					
ARU	Arti	95.35 326	eP	P	14 21 13.7	-2.5
ARU	comp-Z,34nm,1.3s					
O03D	Paynes Creek	95.73 50	P	P	14 21 18.2	-0.3
O03D	baz=265,SNR=10					
J04D	Umpqua Nationa	95.75 47	P	P	14 21 18.6	-0.1
J04D	baz=265					
A04D	Lummi Island	95.80 42	P	P	14 21 18.6	+0.2
A04D	baz=265					
M04C	Macdoel	95.83 49	P	P	14 21 19.1	+0.1
M04C	baz=265					
ORV	Oroville	95.89 51	eP	P	14 21 18.9	-0.2
ORV	comp-Z,13nm,1.0s					
ORV	Oroville	95.89 51	eP	P	14 21 18.9	-0.2
ORV	comp-Z,13nm,1.0s					
B05A	Bryant	96.16 42	P	P	14 21 20.6	+0.5
B05A	baz=266					
AFDM	Forest Hills D	96.25 52	eP	P	14 21 21.0	+0.2
AFDM	comp-Z,19nm,1.1s					
J05D	Fort Rock, OR	96.39 47	P	P	14 21 21.7	+0.2
J05D	baz=266					
I05D	Terrebonne, OR	96.39 46	P	P	14 21 21.4	+0.1
I05D	baz=266					
LLLB	Lillooet	96.47 40	eP	P	14 21 21.0	-0.5
LLLB	comp-Z,52nm,1.8s					
SOKR	Solikamsk	96.54 329	eP	P	14 21 17.9	-3.6
SOKR	comp-Z,19nm,0.9s					
SOKR	comp-Z,705nm,20.0s					
K05A	Summer Lake	96.60 48	eP	P	14 21 22.5	0.0
K05A	comp-Z,12nm,1.1s					
CMB	Columbia Colle	96.64 53	eP	P	14 21 22.5	-0.1
CMB	comp-Z,29nm,1.8s					
CMB	Columbia Colle	96.64 53	eP	P	14 21 22.5	-0.1
CMB	comp-Z,29nm,1.8s					
BEKR	Beckworth	96.80 51	eP	P	14 21 23.4	0.0
BEKR	comp-Z,15nm,1.1s					
BEKR	comp-Z,700nm,21.0s					
OPO	Ambohidratompo	96.83 250	LR	LR	15 05 39.0	
OPO	comp-Z,411nm,18.9s,baz=87,slow=36					
PKM	McPherson Peak	96.86 56	P	P	14 21 24.9	+1.0
PKM	baz=266					
SNCC	San Nicolas Is	96.87 57	P	P	14 21 23.7	-0.5
SNCC	baz=266					
MOD	Moooc Plateau	96.98 49	eP	P	14 21 23.8	-0.4
MOD	comp-Z,39nm,1.4s					
LTY	Liberty	97.06 43	eP	P	14 21 24.1	-0.2
LTY	comp-Z,30nm,1.6s					
VES	Vestal, Richgr	97.53 55	P	Pdf	14 21 27.0	+0.3
VES	comp-Z,12nm,1.1s					
PAHR	Pah Rah Range	97.54 51	eP	Pdf	14 21 30.0	+3.2
PAHR	comp-Z,8.9nm,1.1s					
E07A	Sunnyside	97.58 44	eP	Pdf	14 21 27.8	+1.1
E07A	comp-Z,12nm,1.1s					
YERR	Yerington	97.60 52	eP	Pdf	14 21 31.1	+3.9
YERR	comp-Z,12nm,1.1s					
MDPB	Devils Postpil	97.65 53	eP	Pdf	14 21 28.9	+1.3
MDPB	comp-Z,9.9nm,0.9s					
ARVIN	Arvin	97.69 56	P	Pdf	14 21 27.9	+0.5
ARVIN	baz=266					
CIS	Catalina Islan	97.92 57	P	Pdf	14 21 27.7	+0.2
CIS	baz=266					
ISA	Isabella, Lake	98.01 55	P	P	14 21 28.9	0.0
ISA	baz=266					

ISA	Isabella, Lake	98.01 55	eP	Pdf	14 21 30.0	+1.1
ISA	comp-Z,7.0nm,0.9s					
ISA	Isabella, Lake	98.01 55	eP	Pdf	14 21 30.0	+1.1
ISA	comp-Z,8.9nm,0.9s					
B08A	Colville Reser	98.01 42	eP	P	14 21 27.9	-0.6
B08A	comp-Z,9.8nm,0.9s					
G08A	Pilot Rock	98.14 45	eP	P	14 21 29.3	0.0
G08A	comp-Z,2.0nm,1.5s					
D08A	Wild Horse Val	98.24 44	eP	P	14 21 29.3	-0.2
D08A	comp-Z,6.0nm,0.9s					
WVOR	Wild Horse Val	98.25 48	eP	P	14 21 29.0	-0.9
WVOR	comp-Z,8.0nm,0.8s					
WVOR	Wild Horse Val	98.25 48	eP	P	14 21 28.9	-0.9
WVOR	comp-Z,8.3nm,0.8s					
MWC	Mount Wilson	98.26 57	eP	Pdf	14 21 31.4	+1.2
MWC	comp-Z,54nm,1.4s					
MWC	Mount Wilson	98.26 57	eP	Pdf	14 21 31.4	+1.2
MWC	comp-Z,54nm,1.4s					
NV01	Mina Array Sit	98.30 52	eP	P	14 21 29.9	-0.4
NV01	comp-Z,6.6nm,1.0s,baz=235,slow=13					
NVAR	Circle Bar Ran	98.30 52	eP	P	14 21 28.5	-1.9
NVAR	comp-Z,6.6nm,1.0s,baz=235,slow=13					
NVAR	comp-Z,1.4nm,0.8s,baz=261,slow=12,SNR=5.1					
NVAR	comp-Z,405nm,20.0s,baz=92,slow=32					
EDW2	Edwards Air Fo	98.36 56	P	Pdf	14 21 30.7	+0.2
EDW2	baz=267					
CWC	Cottonwood Cre	98.37 54	P	Pdf	14 21 31.0	+0.3
CWC	baz=267					
J08A	Circle Bar Ran	98.41 47	eP	P	14 21 30.4	-0.1
J08A	comp-Z,9.5nm,0.9s					
NV11	Mina Array Sit	98.42 52	eP	Pdf	14 21 31.8	+1.0
NV11	comp-Z,2.4nm,1.8s					
NV11	comp-Z,100nm,18.0s					
SNA4	Sanae	98.49 189	P	Pdf	14 21 30.4	0.0
SNA4	comp-Z,6.2nm,1.1s,baz=96,slow=5.4,SNR=4.3					
SNA4	comp-Z,2.2um,1.8s,baz=156,slow=36					
SNA4	Sanae	98.49 189	eP	P	14 21 30.1	-0.2
SNA4	comp-Z,2.2um,1.7s					
KVN	Kaisererville	98.49 52	eP	Pdf	14 21 33.0	

M35A	Neola	115.33	48	P	PKPdf	14 26 32.3	-1.8	X39A	Fountain Ranch	117.97	55	P	PKPdf	14 26 39.1	-0.3	F44A	Big Bay de Noc	120.36	40	P	PKPdf	14 26 43.0	-0.5
P35A	Duane Minner,	115.50	50	P	PKPdf	14 26 32.5	-2.0	R39A	Chumby, Stover	118.03	51	P	PKPdf	14 26 38.6	-0.8	R43A	Red Bud	120.41	50	P	PKPdf	14 26 42.4	-1.6
CFR	Carcaliu	115.50	317	PKIKP	PKPdf	14 26 34.7	+0.4	T39A	Glenn	118.06	52	P	PKPdf	14 26 38.4	-1.1	E44A	Grand Marais A	120.42	40	P	PKPdf	14 26 42.7	-1.0
CFR	Carcaliu	115.50	317	PKIKP	PKPdf	14 26 34.7	+0.4	V39A	Pettigrew	118.09	53	P	PKPdf	14 26 39.0	-0.6	T43A	Greenville	120.44	51	P	PKPdf	14 26 42.4	-1.6
V35A	Meyer Ranch, C	115.55	54	P	PKPdf	14 26 32.9	-1.9	W39A	Magazine	118.11	54	P	PKPdf	14 26 39.1	-0.5	S43A	Fulton Ridge	120.48	51	P	PKPdf	14 26 43.3	-0.8
C36A	Pine Crest Farm	115.61	40	P	PKPdf	14 26 33.2	-1.3	U39A	Green Forest	118.11	53	P	PKPdf	14 26 39.1	-0.6	MORC	Moravsky Berou	120.50	324	PKIKP	PKPdf	14 26 45.9	+2.0
T35A	Sooner Cattle	115.62	53	P	PKPdf	14 26 33.5	-1.3	G40A	Rib Lake	118.13	42	P	PKPdf	14 26 38.8	-0.6	MORC	Moravsky Berou	120.50	324	PKIKP	PKPdf	14 26 45.9	+2.0
E36A	McGregor	115.72	42	P	PKPdf	14 26 33.9	-0.8	UZH	Uzhgorod	118.16	322	ePKIKP	PKPdf	14 26 41.8	+2.5	PLCA	Paso Flores	120.85	147	PKIKP	PKPdf	14 26 43.9	-0.9
TLB	Topalu	115.73	316	PKIKP	PKPdf	14 26 34.1	-0.6	H40A	Chili	118.21	43	P	PKPdf	14 27 56.2	-1.0	PLCA	Paso Flores	120.85	147	PKIKP	PKPdf	14 26 44.0	-0.9
TLB	Topalu	115.73	316	PKIKP	PKPdf	14 26 34.1	-0.6	K40A	Colesburg	118.28	45	P	PKPdf	14 26 38.7	-1.1	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
F36A	Milaca	115.73	42	P	PKPdf	14 26 33.7	-1.1	I40A	Norwalk	118.29	44	P	PKPdf	14 26 38.7	-1.1	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
J36A	Seneca 1, Swea	115.85	45	P	PKPdf	14 26 34.2	-0.9	J40A	Soldiers Grove	118.36	44	P	PKPdf	14 26 38.6	-1.3	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
I36A	Fitzsimmons Fa	115.90	45	P	PKPdf	14 26 34.5	-0.6	M40A	Post Highland	118.39	47	P	PKPdf	14 26 38.9	-1.1	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
L36A	Harm Buss Farm	115.92	47	P	PKPdf	14 26 34.4	-0.8	MIAR	Mount Ida	118.40	55	P	PKPdf	14 26 39.4	-0.8	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
K36A	Gilmore City	115.95	46	P	PKPdf	14 26 34.6	-0.7	MIAR	Mount Ida	118.40	55	ePKIKP	PKPdf	14 26 38.5	-1.7	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
C37A	Embarrass	116.04	40	P	PKPdf	14 26 34.2	-1.0	MIAR	Mount Ida	118.40	55	ePKIKP	PKPdf	14 26 38.5	-1.7	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
D37A	Cotton	116.06	41	P	PKPdf	14 26 34.6	-0.8	MIAR	Mount Ida	118.40	55	ePKIKP	PKPdf	14 26 38.5	-1.7	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
T36A	Boggs Farm, Ca	116.09	52	P	PKPdf	14 26 34.9	-0.7	MIAR	Mount Ida	118.40	55	ePKIKP	PKPdf	14 26 38.5	-1.7	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
P36A	Good Intent, A	116.09	50	P	PKPdf	14 26 34.9	-0.7	MIAR	Mount Ida	118.40	55	ePKIKP	PKPdf	14 26 38.5	-1.7	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
R36A	Gordon, Harris	116.14	51	P	PKPdf	14 26 34.7	-1.0	MIAR	Mount Ida	118.40	55	ePKIKP	PKPdf	14 26 38.5	-1.7	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
S36A	Lake Cedric, C	116.19	52	P	PKPdf	14 26 34.9	-1.0	MIAR	Mount Ida	118.40	55	ePKIKP	PKPdf	14 26 38.5	-1.7	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
I37A	Lemond, Waseca	116.23	44	P	PKPdf	14 26 35.1	-0.9	MIAR	Mount Ida	118.40	55	ePKIKP	PKPdf	14 26 38.5	-1.7	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
SPMN	Marine on St.	116.40	43	P	PKPdf	14 26 35.7	-0.3	MIAR	Mount Ida	118.40	55	ePKIKP	PKPdf	14 26 38.5	-1.7	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
SPMN	Marine on St.	116.40	43	PFAKE	PKPdf	14 26 50.0	+1.4	MIAR	Mount Ida	118.40	55	ePKIKP	PKPdf	14 26 38.5	-1.7	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
SPMN	Marine on St.	116.40	43	LR	PKPdf	14 26 50.0	+1.4	MIAR	Mount Ida	118.40	55	ePKIKP	PKPdf	14 26 38.5	-1.7	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
EYMN	Ely	116.41	40	P	PKPdf	14 26 34.7	-1.4	MIAR	Mount Ida	118.40	55	ePKIKP	PKPdf	14 26 38.5	-1.7	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
EYMN	Ely	116.41	40	ePKPdf	PKPdf	14 26 34.7	-1.4	MIAR	Mount Ida	118.40	55	ePKIKP	PKPdf	14 26 38.5	-1.7	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
J37A	Redenius Farm,	116.41	45	P	PKPdf	14 26 35.0	-1.1	MIAR	Mount Ida	118.40	55	ePKIKP	PKPdf	14 26 38.5	-1.7	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
K37A	Belmond	116.50	46	P	PKPdf	14 26 35.7	-0.6	MIAR	Mount Ida	118.40	55	ePKIKP	PKPdf	14 26 38.5	-1.7	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
M37A	Trindle Farm,	116.54	47	P	PKPdf	14 26 35.0	-1.5	MIAR	Mount Ida	118.40	55	ePKIKP	PKPdf	14 26 38.5	-1.7	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
C38A	Sawbill Land.	116.63	40	P	PKPdf	14 26 35.4	-1.1	MIAR	Mount Ida	118.40	55	ePKIKP	PKPdf	14 26 38.5	-1.7	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
R37A	Teagarden Farm	116.66	51	P	PKPdf	14 26 35.5	-1.3	MIAR	Mount Ida	118.40	55	ePKIKP	PKPdf	14 26 38.5	-1.7	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
BURAR	Bucovina Array	116.69	320	PKIKP	PKPdf	14 26 38.9	+2.2	MIAR	Mount Ida	118.40	55	ePKIKP	PKPdf	14 26 38.5	-1.7	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
BURAR	Bucovina Array	116.69	320	PKIKP	PKPdf	14 26 38.9	+2.2	MIAR	Mount Ida	118.40	55	ePKIKP	PKPdf	14 26 38.5	-1.7	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
BURAR	Bucovina Ar. S	116.69	320	ePKPdf	PKPdf	14 26 38.9	+2.2	MIAR	Mount Ida	118.40	55	ePKIKP	PKPdf	14 26 38.5	-1.7	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
SCO	Scoresbysund	116.72	356	PFAKE	PKPdf	14 26 50.0	+1.4	MIAR	Mount Ida	118.40	55	ePKIKP	PKPdf	14 26 38.5	-1.7	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
SCO	Scoresbysund	116.72	356	LR	PKPdf	14 26 50.0	+1.4	MIAR	Mount Ida	118.40	55	ePKIKP	PKPdf	14 26 38.5	-1.7	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
SCO	Scoresbysund	116.72	356	LR	PKPdf	14 26 50.0	+1.4	MIAR	Mount Ida	118.40	55	ePKIKP	PKPdf	14 26 38.5	-1.7	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
P37A	Lathrop	116.75	49	P	PKPdf	14 26 36.2	-0.7	MIAR	Mount Ida	118.40	55	ePKIKP	PKPdf	14 26 38.5	-1.7	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
O37A	Wolven Farm, M	116.77	49	P	PKPdf	14 26 35.9	-1.0	MIAR	Mount Ida	118.40	55	ePKIKP	PKPdf	14 26 38.5	-1.7	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
S37A	Fort Scott	116.77	51	P	PKPdf	14 26 36.0	-1.0	MIAR	Mount Ida	118.40	55	ePKIKP	PKPdf	14 26 38.5	-1.7	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
F38A	Pierce - Schro	116.80	42	P	PKPdf	14 26 36.2	-0.5	MIAR	Mount Ida	118.40	55	ePKIKP	PKPdf	14 26 38.5	-1.7	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
E38A	The Farm, Brul	116.81	41	P	PKPdf	14 26 36.5	-0.3	MIAR	Mount Ida	118.40	55	ePKIKP	PKPdf	14 26 38.5	-1.7	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
U37A	Salina	116.81	53	P	PKPdf	14 26 36.3	-0.8	MIAR	Mount Ida	118.40	55	ePKIKP	PKPdf	14 26 38.5	-1.7	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
T37A	Cheneyville 18	116.83	52	P	PKPdf	14 26 35.8	-1.3	MIAR	Mount Ida	118.40	55	ePKIKP	PKPdf	14 26 38.5	-1.7	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
V37A	Hulbert	116.89	54	P	PKPdf	14 26 36.5	-0.8	MIAR	Mount Ida	118.40	55	ePKIKP	PKPdf	14 26 38.5	-1.7	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
MLR	Muntele Rosu	116.89	317	PKP	PKPdf	14 26 37.8	+0.7	MIAR	Mount Ida	118.40	55	ePKIKP	PKPdf	14 26 38.5	-1.7	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
MLR	Muntele Rosu	116.89	317	PKP	PKPdf	14 26 37.8	+0.7	MIAR	Mount Ida	118.40	55	ePKIKP	PKPdf	14 26 38.5	-1.7	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
MLR	Muntele Rosu	116.89	317	PKP	PKPdf	14 26 37.8	+0.7	MIAR	Mount Ida	118.40	55	ePKIKP	PKPdf	14 26 38.5	-1.7	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
MLR	Muntele Rosu	116.89	317	PKP	PKPdf	14 26 37.8	+0.7	MIAR	Mount Ida	118.40	55	ePKIKP	PKPdf	14 26 38.5	-1.7	DPC	Dobruska-Polom	120.93	326	ePKIKP	PKPdf	14 26 44.8	+0.1
MLR	Muntele Rosu																						

15d 14h

Table with columns: ID, Name, Azimuth, Elevation, P, S, R, and other parameters. Includes stations like Yellville, Wichita Mounta, Wiedeman Farm, etc.

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Table with columns: ID, Name, Azimuth, Elevation, P, S, R, and other parameters. Includes stations like O'Neill, Lemond, Waseca, H40A, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like MKAR, CD2, LZH, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MNAS, AML, KK31, etc.

ISC 15 15:09:23.10.12N.123.13E, h6km, mb5.0, ML3.9, MS4.0
NEIC 15 15:09:24.1±0.3, 01.008N:123.37E, h10km, mb4.52, Error ellipse: s-maj=10.8km s-min=6.8km az=80.0

NEIC 15 15:09:25.01.12N.123.03E, h24km, 4km, mb3.9/19, MS3.7/4, Error ellipse: s-maj=5.1km s-min=3.9km az=140.9

ISC 15 15:09:29.3±0.6, 01.020N:123.33E, h49km, 59km, mb3.8/17, mb1.3/9/17, mb1mx3.7/69, mbtmp4.1/17, MS3.7/5, MS1.3/7.5, ms1mx3.0/61, Error ellipse: s-maj=29.4km s-min=12.5km az=67.0

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

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

ISC 15 15:13:51.8±0.3, 43.555S:172.96E, h0km, mb4.0/4, mb1.4/2/5, mb1mx3.9/40, mbmin15.8km az=165.0

WEL 15 15:13:54.0±0.5, 44.53S:173.3E, h9km, 2km, ML4.0/11, NEIC 15 15:13:54.7±0.4, 43.505S:172.78E, h6km, mb3.9/1, ML4.1(VEL) After WEL

NEIC 15 15:13:53.4±0.7, 43.505S:172.78E, h0km, n95, ±130/103, mb3.9/5, 1-3D, South Island

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

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like PNHZ, MTVZ, VRSR, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KSAR, WJNU, KRSR, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like FYTO, Fytoko, Volos, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like LLLP, Lapu-Lapu, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like PAIG, Paliouri, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like GADA, Gvigeada, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like TBP, Tagbilaran, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like HORT, Hortiatis, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like RZN, Rozhen, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MNAI, Manna, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KAVA, Kavala, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ALN, Alexandroupoli, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SISI, Saibumi, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like NEO, Neokhori, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KESN, Edirne-Kesan, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ANX, LTK, VLY, BIA, KALE, CHOS, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MDRV, MDRV, DIVRS, BRLS, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SIV, TXAR, TORD, ISCJB, etc.

15d 16h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LAPU-LAPU, SIBULAN, ORMOCC.

NSSC 15 15:40:34.5:0.5, 32.85N-35.41E, h8km, 3km, ML1.9
GII 15 15:40:36.2:0.0, 32.86N-35.56E, h1km, MD2.0/6
ISCJB 15 15:40:37.5:0.3, 32.87N-0.02:35.60E:0.03, h7km, 5km,
Error ellipse: s-maj=4.1km s-min=2.8km az=18.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KESHET, MOUNT MERON, KESDI.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HNTI, MOUNT MALKISHU, CHEBAA.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HMDD, RACHAYA, SALI'IT.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DSJ, MARH, TOTAH.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JORDAN, LAPU-LAPU, TAGBILARAN.

ISCJB 15 15:58:57.9:0.5, 71.69N:0.05:1.6W:0.2, h10km, mb3.4/12,
MS3.3/5, Error ellipse: s-maj=8.1km s-min=6.0km az=145.5

CSEM 15 15:58:57.3:0.2, 71.67N:2.46W, h10km, ML3.6,
Error ellipse: s-maj=6.5km s-min=4.2km az=58.0
IDC 15 15:58:58.2:0.6, 71.62N:2.00W, h0km, mb3.5/12,
mb1 3.8/18, mb1mx3.6/76, mbtmp3.6/18, ML3.6/6, MS3.3/8,
MS1 3.4/8, ms1mx3.0/58, Error ellipse: s-maj=19.1km
s-min=12.5km az=39.0

NAO 15 15:58:58.7:4.5, 71.61N:1.73W, ML3.6
BER 15 15:58:59.3:3.4, 71.63N:2.49W, h0km, 41km, ML2.6,
ML3.6/(NAO)

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JAN MAYEN, LOFOTEN, SCORESBYSUND.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like STEIGEN, HORNSUND, TROMSØ.

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VRAC, GERES, AKASO.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MLR, ALKTR, BRTR.

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

IDC 15 16:02:19.1:2.7, 72.0S:129.66E, h97km, 36km, mb2.9/1,
mb1 3.3/8, mb1mx3.1/65, mbtmp3.5/8, Error ellipse:
s-maj=60.2km s-min=20.5km az=88.0, Banda SEA

IDC 15 16:38:28.9:10.0, 61.27N:92.89E, h105km, 92km, mb3.2/7,
mb1 3.3/8, mb1mx3.1/66, mbtmp3.5/8, ML3.7/1, Error
ellipse: s-maj=65.5km s-min=17.0km az=56.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHIANG MAI, H0RS3, H0RS2.

ASAR Alice Springs 49.78 128 P 16 47 12.0 -0.1

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

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

ISCJB 15 16:55:07.7:0.5, 13.93S:102.86W:0.10, h10km,
mb4.3/28, MS3.8/32, Error ellipse: s-maj=1.46km
s-min=1.03km az=26.1

IDC 15 16:55:07.6:0.6, 14.03S:13.82W, h0km, mb4.3/24,
mb1 4.3/24, mb1mx4.1/57, mbtmp4.3/24, MS3.8/32,
MS1 3.8/32, ms1mx3.7/48, Error ellipse: s-maj=22.3km
s-min=15.0km az=117.0

NEIC 15 16:55:09.2:0.4, 14.02S:13.77W, h10km, mb4.4/2, Error
ellipse: s-maj=11.4km s-min=10.4km az=97.0

ISC 15 16:55:09.3:0.6, 14.01S:0.09:13.77W:0.10, h10km, n61,
c09740, mb4.4/28, MS3.9/32, 5C-2D, Southern

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H10S2, H10S3, H10S1.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SHEL, KIC, TIC, DBIC.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KOWA, TORD, TORD, BOSA.

ISCJB 15 16:58:57.9:0.5, 71.69N:0.05:1.6W:0.2, h10km, mb3.4/12,
MS3.3/5, Error ellipse: s-maj=8.1km s-min=6.0km az=145.5

CSEM 15 15:58:57.3:0.2, 71.67N:2.46W, h10km, ML3.6,
Error ellipse: s-maj=6.5km s-min=4.2km az=58.0
IDC 15 15:58:58.2:0.6, 71.62N:2.00W, h0km, mb3.5/12,
mb1 3.8/18, mb1mx3.6/76, mbtmp3.6/18, ML3.6/6, MS3.3/8,
MS1 3.4/8, ms1mx3.0/58, Error ellipse: s-maj=19.1km
s-min=12.5km az=39.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SIJI, SUJI, BATT, FITZ.

Table of astronomical observations for 15d 18h, listing stations like ASAR, PALK, GEYT, ARCO, ARCA, YKA, VRT, FORH, VRH, OBN, LPSR, VSR, FIAO, FINEF, LTY, KBZ, KIV, GNI, BMO, BEKR, AASM, FFC, AKASG, AKKB, AKKB, KIEV, KIEV, AK11, NB21, NB20, NOA, LRM, EGMT, DLMT, BOZ, BOZ, BOZ, NV01, NVAR, KLNK, KLNK, YHH, H17A, FXWY, HVU, HVU, FRB, BW06, PD31, PDAR, BUR08, BUR04, BR101, BR17, BR18, STHS, STHS, SRU, SRU, LANS, LANS, RAYN, DPC, DPC, PV10, CLL, CLL, N23A, KHC, KHC, KHC, GERES, PPT, ANMO, ANMO, TXAR, TXAR, LPAZ, LPAZ, LPAZ.

Table of astronomical observations for 2012 FEB, listing stations like JTS, TXAR, PDAR, YKA, ROM, CSEM, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC.

Table of astronomical observations for 15d 18h, listing stations like IGT, IGT, IGT, HCY, HCY, HCY, BEY, BEY, IVA, IVA, KOME, KOME, KOME, NKME, NKME, NKME, NKY, NKY, NKY, GRG, GRG, GRG, SJES, SJES, BARS, BARS, PLE, PLE, SELS, KNT, KNT, BBLs, BBLs, VTS, VTS, VTS, AGG, AGG, ZAPS, ZAPS, DIVS, DIVS, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC.

SKLT	Songkhla	7.73	83	P	Pn	18 33 46.5	-0.4
KULM	Kulim	7.79	97	↑P	Pn	18 33 48.0	+0.4
KULM	Kulim	7.79	97	ePn	Pn	18 33 47.4	-0.2
IPM	Ipo	8.30	102	↑P	Pn	18 33 54.2	-0.4
IPM	Ipo	8.30	102	ePn	Pn	18 33 54.1	-0.6
MNSI	Mandailing Nat	8.61	129	P	Pn	18 34 06.7	-1.6
FRIM	Kepong	9.21	109	↑P	Pn	18 34 06.7	-0.5
FRIM	Kepong	9.21	109	↑P	Pn	18 34 06.9	-0.4
SISI	Saib	9.70	140	P	Pn	18 34 12.6	-2.2
SRDT	SRDT	10.10	37	P	Pn	18 34 20.6	+1.2
KTMG	Kuala Trenggan	10.24	95	↑P	Pn	18 34 21.0	-0.3
PALK	Pallekele	12.14	275	P	Pn	18 34 47.3	-0.1
PALK	11nm,0.3s,baz=295,slow=2.3,SNR=14			Sn	Sn	18 36 50.2	-1.2
PALK	12.14 275n,18.1s,baz=116,slow=37			LR	LR	18 39 20.6	
PALK	Pallekele	12.14 275	ePn	Pn	Pn	18 34 49.4	+2.0
PALK	Pallekele	12.14 275	ePn	Pn	Pn	18 34 49.4	+2.0
PALK	Chiang Mai Arr	13.45	26	ePn	Sn	18 36 50.2	-1.2
CM01	Chiang Mai Arr	13.47	25	ePn	Pn	18 35 04.5	-0.7
CM31	Chiang Mai Arr	13.47	25	ePn	Pn	18 35 06.0	+0.4
CMAR	Chiang Mai Arr	13.47	25	Pn	Pn	18 35 05.4	-0.1
CHTO	Chiang Mai	13.79	25	P	Pn	18 35 10.5	+0.6
CHTO	Chiang Mai	13.79	25	ePn	Pn	18 35 10.3	+0.4
CHTO	Chiang Mai	13.79	25	ePn	Pn	18 35 10.4	-0.4
PHRA	Phrae	14.10	30	P	Pn	18 35 15.6	+1.5
MDRS	Chennai	14.17	299	eP	Pn	18 35 10.9	-4.1
VIS	Vishakhapatnam	14.72	321	eP	IaMb	18 35 20.1	-2.4
VIS	comp=Z,83nm,0.7s			ex	x	18 37 50.9	
CHLP	Challavanipeta	14.90	325	eP	Pn	18 35 23.1	-1.8
CHLP	comp=Z,206nm,0.9s			IaMb	IaMb	18 35 25.4	
CHLP	SKHT	14.94	301	eS	Sn	18 37 54.3	-1.5
SKHT	Srikalahasti	14.94	301	eP	IaMb	18 35 25.1	-0.4
SKHT	comp=Z,31nm,0.8s			IaMb	IaMb	18 35 37.5	
SKHT	Polavaram	15.50	316	eS	Sn	18 37 55.4	-1.5
PVM	PVM	15.50	316	eP	IaMb	18 35 32.2	-0.6
PVM	comp=Z,32nm,0.7s			IaMb	IaMb	18 35 35.0	
ADKI	Addanki	15.84	308	eS	Sn	18 38 08.2	-1.6
ADKI	comp=Z,54nm,0.4s			eP	Pn	18 35 35.7	-1.5
ADKI	BRDH	16.35	356	eS	Sn	18 38 14.1	-1.8
NJS	Nagarjunasagar	16.77	309	eP	Pn	18 35 45.2	-1.2
NJS	comp=Z,25nm,0.8s			Pn	Pn	18 35 48.7	-0.4
NJS	Srisaillam	16.84	307	eS	Sn	18 38 38.9	-1.6
SRLM	SRLM	16.84	307	eP	IaMb	18 35 49.6	-0.4
SRLM	comp=Z,30nm,0.8s			IaMb	IaMb	18 35 55.7	
SRLM	HYB	17.86	310	eS	Sn	18 38 41.4	-1.5
HYB	Hyderabad	17.86	310	iP	P	18 36 04.0	+0.8
HYB	Hyderabad	17.86	310	eS	Pn	18 39 20.0	-1.1
HYB	Hyderabad	17.86	310	ex	x	18 36 01.1	-1.6
HYB	Hyderabad (bro	17.86	310	eP	P	18 39 08.8	
HYB	comp=Z,111nm,1.9s			IaMb	IaMb	18 36 03.2	0.0
HYB	Kuching	18.02	105	eS	Sn	18 39 17.7	-3.5
KSM	Kuching	18.02	105	ePn	Pn	18 36 06.0	+1.0
RPR	Rampur	18.21	315	eP	IaMb	18 36 06.2	+1.2
RPR	comp=Z,40nm,0.5s			IaMb	IaMb	18 36 05.5	-0.1
RPR	Bokaro	18.68	340	eP	Pn	18 39 18.7	-1.1
BOK	Bokaro	18.68	340	eP	IaMb	18 36 12.8	+0.1
BOK	comp=Z,27nm,0.4s			IaMb	IaMb	18 36 16.8	
SRSP	Sriramsagar	18.94	313	eP	P	18 36 15.0	-0.1
SRSP	comp=Z,16nm,0.9s			IaMb	IaMb	18 36 23.3	
SRSP	SHL	19.21	357	eS	Sn	18 39 33.1	-1.4
LEM	Lembang	19.63	131	eP	P	18 36 18.6	+0.4
LEM	comp=Z,1.5nm,0.3s,baz=313,slow=15,SNR=3.9			P	Pn	18 36 21.9	-0.9
LEM	Killari	19.75	308	eP	LR	18 45 15.7	
KLRI	KLRI	19.75	308	eP	IaMb	18 36 24.0	0.0
KLRI	comp=Z,30nm,0.7s			IaMb	IaMb	18 36 31.5	
KLRI	NGP	19.96	319	eS	P	18 39 52.2	-1.3
NGP	NGP	19.96	319	eP	IaMb	18 36 24.9	-1.2
NGP	comp=Z,68nm,0.8s			IaMb	IaMb	18 36 35.9	
BTM	Bintulu	20.36	98	↑P	ex	18 39 59.7	-1.0
QIZ	Qiongzhong	20.82	51	↑P	Pn	18 36 32.7	0.0
QIZ	comp=Z,54nm,0.9s			Pn	Pn	18 36 37.0	-1.1
QIZ	comp=Z,1um,10.6s			Pmax	Pmax		
QIZ	comp=Z,1um,13.9s			LR	LR		
QIZ	comp=Z,1um,12.5s			LR	LR		
JBP	Jabalpur	20.89	325	eP	P	18 36 36.5	+0.2
KMI	Kunming	20.99	26	ex	P	18 40 31.9	+4.0
KMI	comp=Z,51nm,1.0s			eP	Pn	18 36 39.6	-0.6
KMI	comp=Z,83nm,0.8s			pP	pP	18 36 42.8	-2.7
RAMN	Ramite	21.42	344	eP	P	18 36 42.9	+0.7
TAPN	Taplejung	21.53	347	eP	P	18 36 43.5	0.0
POO	Poona	22.20	305	eP	IaMb	18 36 48.0	-2.4
POO	comp=Z,9.3nm,0.4s			IaMb	IaMb	18 36 49.8	
JIRN	Jiri	22.20	344	eP	P	18 36 50.5	-0.2
PKI	Pulchoki	22.34	342	eP	P	18 36 52.0	-0.2
PKIN	Phulchoki	22.35	342	eP	P	18 36 52.6	+0.4
DMN	Daman	22.47	342	eP	P	18 36 53.7	+0.2
BHPL	Bhopal	22.50	320	eP	IaMb	18 36 54.0	+0.3
BHPL	comp=Z,28nm,0.3s			IaMb	IaMb	18 36 54.9	
GUN	Gumba	22.52	344	eP	P	18 36 53.8	-0.4
KKN	Kakani	22.59	342	eP	P	18 36 55.0	+0.3
KKN	comp=Z,107nm,1.0s			P	P	18 37 00.2	-0.1
KOLN	Koldanda	23.13	339	eP	P	18 37 00.2	+0.1
KKM	Kota Kinabalu	23.20	89	↑P	P	18 37 01.9	+0.9
KKM	Kota Kinabalu	23.20	89	eP	P	18 36 60.0	-1.0
LSA	Lhasa	23.36	356	P	Pmax	18 37 01.5	-1.4
LSA	comp=Z,19nm,1.0s			Pmax	Pmax	18 37 02.2	-0.7
LSA	comp=Z,21nm,0.9s			P	P	18 37 02.2	-0.7
LSA	comp=Z,21nm,0.9s			Pmax	Pmax	18 37 02.2	-0.7
PYUN	Piuthan	23.65	338	eP	P	18 37 06.0	+0.6
KDM	Kudat	23.80	87	↑P	P	18 37 07.1	+0.3
GVA	Guliyang	23.99	32	↑P	P	18 37 08.8	+0.2
GVA	comp=Z,145nm,1.1s			pP	pP	18 37 16.8	-0.3
GVA	comp=Z,145nm,1.1s			S	S	18 41 21.3	-2.6
GVA	comp=Z,145nm,1.1s			sS	sS	18 41 35.6	+2.3
GVA	comp=Z,20nm,0.8s			SS	SSnSn	18 42 12.8	+7.3
GVA	comp=Z,130nm,4.9s			Pmax	Pmax		
GVA	comp=Z,690nm,17.2s			LR	LR		
GVA	comp=Z,650nm,17.5s			LR	LR		
GVA	comp=Z,640nm,17.9s			LR	LR		
SDKM	Sandakan	24.18	90	↑P	P	18 37 09.2	-1.2
H08S3	Diego Garcia H	24.59	236	T	T	19 02 55.2	
H08S2	Diego Garcia H	24.60	236	T	T	19 02 52.9	

H08S1	Diego Garcia H	24.61	236	T	T	19 02 50.8	
TSM	Tawau	24.96	93	↑P	P	18 37 18.1	+0.7
H08N1	Diego Garcia H	25.17	241	T	T	19 03 48.9	
H08N2	Diego Garcia H	25.17	241	T	T	19 03 52.5	
H08N3	Diego Garcia H	25.19	241	T	T	19 03 56.1	
MYLDM	Lahad Datu	25.51	91	↑P	P	18 37 24.2	+1.8
MYLDM	Lahad Datu	25.51	91	eP	P	18 37 23.0	+0.6
CD2	Chengdu	26.55	21	P	P	18 37 32.1	+0.4
CD2	comp=Z,1um,11.4s			sP	sP	18 37 44.8	+0.9
CD2	comp=Z,1um,11.4s			sS	sS	18 42 05.5	+1.1
CD2	comp=Z,1um,11.4s			SS	SS	18 42 20.5	+1.9
CD2	comp=Z,1um,12.0s			SSnSn	SSnSn	18 43 16.0	+8.1
DDI	Dehra Dun	27.69	332	eP	LR	18 37 43.5	+1.5
DDI	comp=Z,214nm,0.1s			IaMb	IaMb	18 37 44.3	
TGY	Tagaytay City	28.66	72	P	P	18 37 49.8	-0.9
TGY	comp=Z,22nm,0.3s,baz=249,slow=8.6,SNR=5.2			LR	LR	18 50 05.7	
TGY	comp=Z,268nm,18.6s,baz=272,slow=38			LR	LR	18 50 05.7	
SMLA	Simla	28.79	331	eP	IaMb	18 37 51.8	+0.2
SMLA	comp=Z,68nm,1.8s			IaMb	IaMb	18 37 52.6	
DHRM	DHARAMSHALA	30.13	331	eP	IaMb	18 38 04.6	+0.8
DHRM	comp=Z,8.6nm,0.5s			IaMb	IaMb	18 38 05.1	
LUWI	Luwuk	30.71	103	eP	P	18 38 09.1	+0.2
LZH	Lanzhou	31.33	17	eP	P	18 38 17.8	+3.5
LZH	comp=Z,24nm,1.0s			pP	pP	18 38 26.4	-0.2
LZH	comp=Z,130nm,4.5s			sP	sP	18 38 30.4	+7.4
LZH	comp=Z,480nm,11.2s			Pn	Pn	18 39 20.8	+3.5
LZH	comp=Z,490nm,13.0s			Pmax	Pmax		
LZH	comp=Z,710nm,13.6s			LR	LR		
GTA	Gaotai	33.58	10	eP	P	18 38 34.4	+0.5
GTA	comp=Z,11nm,1.2s			pP	pP	18 38 43.5	+0.9
GTA	comp=Z,130nm,7.6s			sP	sP	18 38 47.9	+1.7
GTA	comp=Z,140nm,14.0s			S	S	18 43 53.8	-0.8
GTA	comp=Z,190nm,14.0s			sS	sS	18 44 10.8	+1.9
GTA	comp=Z,37nm,1.0s			SSnSn	SSnSn	18 45 57.5	-1.4
GTA	comp=Z,46nm,0.7s			Pmax	Pmax		
GTA	comp=Z,151nm,18.1s,baz=154,slow=36			Pmax	Pmax		
WSAR	Wadi Sarin	37.03	301	LR	LR	18 53 49.7	
WMQ	Urumqi	37.67	334	P	P	18 39 10.1	+1.1
WMQ	comp=Z,20nm,0.9s			pP	pP	18 39 20.1	-1.2
WMQ	comp=Z,20nm,0.9s			sP	sP	18 39 24.5	+6.8
WMQ	comp=Z,20nm,0.9s			ScS	ScS	18 49 19.5	-0.6
WMQ	comp=Z,20nm,0.9s			Pmax	Pmax		
WMQ	comp=Z,340nm,4.5s			Pmax	Pmax		
WMQ	comp=Z,210nm,19.1s			LR	LR		
WMQ	comp=Z,750nm,26.1s			LR	LR		
SFK	Sufi-Kurgan	37.84	335	P	P	18 39 10.6	0.0
SFK	comp=Z,51nm,1.3s			Pmax	Pmax		
HHC	Hu-ho-hao-te	38.27	23	eP	P	18 45 16.1	+2.0
HHC	comp=Z,18nm,1.0s			S	S	18 45 07.8	+1.4
HHC	comp=Z,190nm,6.8s			Pmax	Pmax		
HHC	comp=Z,600nm,16.3s			LR	LR		
HHC	comp=Z,750nm,13.8s			LR	LR		
HHC	comp=Z,430nm,13.6s			LR	LR		
PDGK	Podgornoye	38.75	344	P	Pmax	18 39 18.3	+0.2
PDGK	comp=Z,10.0nm,1.0s			Pmax	Pmax		
KZA	Kyzart	38.95	339	P	P	18 39 21.6	+1.5
SIJI	Siorong	38.96	99	P	P	18 39 18.4	-1.8
UCH	Uchtor	39.34	338	P	P	18 39 24.4	+0.9
KBK	Karagaybulak	39.56	339	P	P	18 39 26.0	+1.1
AML	Almayasho	39.56	337	P	P	18 39 26.1	+0.8
TKM2	Tokmak 2	39.57	340	P	Pmax	18 39 25.3	+0.2
TKM2	comp=Z,12nm,1.1s			Pmax	Pmax	18 39 26.2	+1.2
TKM2	comp=Z,26nm,0.8s						

15d 18h

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like KLR, BOD, ZKTA, GNI, ZEA, etc.

2012 FEB

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

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Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like NB200, NOA, DAVOX, etc.

Table with columns: TABS, Station Name, Azimuth, Elevation, Frequency, P, S, X, Y, Z, SNR, etc. Includes stations like SHAKR, SHAKR, SHAKR, etc.

Table with columns: MKAR, Station Name, Azimuth, Elevation, Frequency, P, S, X, Y, Z, SNR, etc. Includes stations like Makanchi Array, Daman, Kurchatov, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, P, S, X, Y, Z, SNR, etc. Includes stations like VANB, TVAN, ERV, etc.

15d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like W22 Warramunga Arr, WRAB Tennant Creek, WR1 Warramunga Arr, etc.

SJA 15:19:49.4.0.3, 31'44S.69'57W, h115km, 2km, ML3.5, MW3.1, San Juan Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RTLS Leoncito, AUSP Usapallata, RTCC Cerro Villuciu, etc.

MAN 15:19:52.00, 1045N.123.31E, h16km, mb3.5, ML2.1, MS1.5, ID, Cuba

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu, GUIM Jordan, MSLP Maasin, etc.

IDC 15:19:56.47.0.2.9, 17.03S.167.03E, h0km, mb3.6/3, mb1 3.8/4, mb1mx3.6/41, mbmt3.6/4, ML3.5/1, Error ellipse: s-maj=63.8km s-min=37.5km az=96.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, DZM Guim, DZM MSLP.

2012 FEB

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

IDC 15:20:02.28.2.2.7, 35.61N.141.45E, h0km, mb3.3/3, mb1 3.5/5, mb1mx3.2/65, mbmt3.3/3.5, ML3.1/2, MS2.7/4, MS1 2.7/4, ms1mx3.2/65, Error ellipse: s-maj=68.6km s-min=25.8km az=60.0

ISCJBJ 15:20:02.6.1.1.3, 35.50N.0.05.141.3E.0.1, h33km, mb3.4/3, MS2.6/1, Error ellipse: s-maj=13.5km s-min=6.5km az=161.6

JMA 15:20:02.34.9.0.1, 35.56N.141.02E, h38km, 1km, M2.8, ISC 15:20:02.33.0.1.5, 35.55N.0.05.141.3E.0.1, h33km, n15, e=112/15, mb3.5/3, Near east coast of eastern Honshu

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

ISCJBJ 15:20:15.27.3.0.9, 6.0N.0.1.92.51E.0.08, h33km, mb3.6/6, Error ellipse: s-maj=18.9km s-min=10.9km az=5.6

IDC 15:20:15.32.6.3.9, 6.11N.92.67E, h60km, 37km, mb3.3/6, mb1 3.5/8, mb1mx3.2/68, mbmt3.6/8, ML4.0/2, Error ellipse: s-maj=38.9km s-min=19.2km az=51.0

ISC 15:20:15.29.9.1.0, 6.00N.0.2.92.64E.0.09, h35km, n12, e=115/10, mb3.7/6, Nicobar Islands region

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

SJA 15:20:38.14.5.0.5, 8'S.4.1x10.7E, h25km, 5km, MS.0/25, mb5.1/19, mb5.4/12, MLV5.0/25, MW(mB)4.0/3

ISCJBJ 15:20:38.15.8.0.4, 7.57S.0.05.107.61E.0.03, h100km, 3km, mb4.3/49, Error ellipse: s-maj=9.0km s-min=3.6km az=26.0

NEIC 15:20:38.16.2.0.5, 7.57S.107.59E, h86km, 4km, mb4.5/21, Error ellipse: s-maj=8.6km s-min=4.7km az=22.0

IDC 15:20:38.18.0.0.5, 7.57S.107.61E, h90km, 3km, mb4.1/35, mb1 4.2/35, mb1mx2.1/62, mbmt4.4/35, MS3.1/12, MS1 3.2/12, ms1mx2.9/55, Error ellipse: s-maj=13.6km s-min=8.3km az=55.0

ISC 15:20:38.16.6.0.7, 7.64S.0.06.107.60E.0.05, h92km, 6km, n196, e=116/194, mb4.4/49, Jawa

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MPSI Mapaga, BATI Baunata, BATI Baunata, etc.

MATP	Matopo	77.19 251 P	P	20 50 02.3 +1.0
KBZ	Khabaz	77.72 318 P	P	20 50 03.0 +0.6
KVAR	Kislovsk Arr	77.74 318 P	P	20 50 02.1 -1.7
KIV	Kislovsk	77.75 318 eP	P	20 50 04.8 +1.0
LSZ	Lusaka	77.85 256 eP	P	20 50 06.0 +1.0
ASF	Jabal al Asfar	78.00 305 P	P	20 50 06.7 +1.3
EIL	Eilat	78.91 302 P	P	20 50 12.3 +1.9
MMAI	Mount Meron Ar	79.45 306 P	P	20 50 14.8 +1.5
BOSA	Bosha	79.69 242 P	P	20 50 16.0 +1.2
QSPA	South Pole Qui	82.36 180 P	P	20 50 28.8 +0.6
BR101	Keskin Array S	82.69 312 eP	P	20 50 30.0 -0.5
BRTR	Keskin Array B	82.69 312 P	P	20 50 30.0 -0.5
OBN	Obninsk	85.58 327 P	P	20 50 44.6 0.0
OBN	Obninsk	85.58 327 eP	P	20 50 44.6 0.0
AKASG	Malin Array Be	88.56 321 P	P	20 50 58.6 -0.5
AKAB	Malin Array Si	88.56 321 eP	P	20 50 58.6 -0.4
SNAA	Sanae	89.10 197 P	P	20 51 03.1 +1.7
SNAA	Sanae	89.10 197 eP	P	20 51 03.1 +1.7
MLR	Muntele Rosu	89.58 316 P	P	20 51 04.6 +0.5
FLAO	FINESS Array S	92.61 332 eP	P	20 51 17.5 -0.2
FINES	FINESS Array B	92.61 332 P	P	20 51 17.5 -0.2
ARAO	ARCESS Array S	94.34 340 eP	P	20 51 24.7 -0.8
ARCES	ARCESS Array B	94.34 340 P	P	20 51 24.7 -0.8
YKA	Yellowknife Ar	117.25 21 PKP	PKP	20 56 51.4 +0.5
PDAR	Pinedale Array	132.15 37 PKP	PKP	20 57 22.1 +1.7
SCHO	Schefferville	132.72 356 PKP	PKP	20 57 21.3 +0.5
P38A	Dawn	142.94 28 P	PKP	20 57 39.1 -0.9
Q39A	Willow Grove F	143.66 28 P	PKP	20 57 39.6 +0.7
R39A	Chumby, Stover	144.22 28 P	PKP	20 57 41.1 +0.5
S38A	Stockton	144.34 30 P	PKP	20 57 41.0 -0.1
Q41A	Truxton	144.51 26 P	PKP	20 57 42.1 +0.6
S39A	Bolivar	144.58 29 P	PKP	20 57 42.5 -0.5
R40A	Maddies Statio	144.59 27 P	PKP	20 57 42.0 +0.2
T38A	Diamond	144.60 31 P	PKP	20 57 42.4 +0.5
U37A	Salina	144.65 33 P	PKP	20 57 41.6 -0.3
Q42A	Golden Eagle	144.84 25 P	PKP	20 57 43.7 +0.4
R41A	Rosebud	144.99 26 P	PKP	20 57 43.1 +0.1
U38A	Gravette	145.01 32 P	PKP	20 57 43.9 +0.2
V37A	Hulbert	145.03 33 P	PKP	20 57 44.0 +0.2
S40A	Lebanon	145.04 28 P	PKP	20 57 43.6 -0.2
T39A	Clever	145.07 30 P	PKP	20 57 44.0 +0.2
P44A	Sand Creek, Wi	145.12 22 P	PKP	20 57 43.5 0.0
CCM	Cathedral Cave	145.25 27 P	PKP	20 57 44.1 +0.1
R42A	Luebbering	145.26 26 P	PKP	20 57 44.1 0.0
T40A	Mansfield	145.39 29 P	PKP	20 57 44.4 0.0
V38A	Canehill	145.44 32 P	PKP	20 57 45.1 +0.2
U39A	Green Forest	145.52 31 P	PKP	20 57 45.1 -0.1
R43A	Red Bud	145.63 25 P	PKP	20 57 45.4 -0.1
S42A	Caledonia	145.68 26 P	PKP	20 57 45.8 +0.1
T41A	Mountain View	145.84 28 P	PKP	20 57 46.3 0.0
X37A	Clayton	145.85 35 P	PKP	20 57 47.2 +0.8
V39A	Pettigrew	145.86 32 P	PKP	20 57 46.6 +0.1
U40A	Yellville	145.86 30 P	PKP	20 57 46.2 -0.2
R44A	Waltonville	146.00 24 P	PKP	20 57 43.3 -0.2
T42A	Van Buren	146.16 27 P	PKP	20 57 47.6 +0.1
R45A	Skyfar, Fairri	146.27 23 P	PKP	20 57 47.8 0.0
V40A	Witts Springs	146.31 31 P	PKP	20 57 47.9 -0.3
U41A	Viola	146.33 29 P	PKP	20 57 47.7 +0.4
T43A	Greenville	146.48 26 P	PKP	20 57 48.0 +0.4
U39A	Fountain Ranch	146.61 34 P	PKP	20 57 49.1 -0.2
X42A	Reyden	146.65 28 P	PKP	20 57 49.0 -0.4
W40A	Ferguson Farm,	146.65 32 P	PKP	20 57 48.8 -0.6
V41A	Mountainview	146.66 30 P	PKP	20 57 46.5 -0.1
S45A	Carrier Mills	146.69 24 P	PKP	20 57 48.3 0.0
MIAZ	Mount Ida	146.88 33 P	PKP	20 57 50.3 -0.1
V42A	Cord	147.01 29 P	PKP	20 57 49.6 +0.4
Y46A	Houston	149.78 28 P	PKP	20 57 57.3 +0.8
X48A	Hartselle	150.10 25 P	PKP	20 57 57.5 +0.2
X47A	Woodville	150.34 24 P	PKP	20 57 58.5 +0.7
Z49A	Carrollton	150.71 28 P	PKP	20 57 59.6 +0.9
Y49A	Blount Mountai	150.87 24 P	PKP	20 57 59.5 +0.3
LRAL	Lakeview Retre	151.33 26 P	PKP	20 58 01.1 +0.9
149A	Jones	151.79 26 P	PKP	20 58 02.4 +1.1
150A	Eclectic	152.12 25 P	PKP	20 58 02.8 +0.8
249A	Camden	152.17 28 P	PKP	20 58 03.4 +1.2
151A	Opelika	152.47 24 P	PKP	20 58 03.8 +1.0
251A	Midway	152.82 25 P	PKP	20 58 05.0 +1.5

ellipse: s-maj=18.1km s-min=12.3km az=95.0
 PRU 15 20:46:40.8, 41.66N:12.77E, h13km
 BEO 15 20:46:41.0, 41.58N:13.29E, h5km, M3.6/4
 ISC 15 20:46:36.7, 0.9, 41.49N:0.02:12.92E:0.02, h12km, 6km,
 n326, r1554/411, mb3.4/4, 38C-24D, Southern Italy

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
LAV9	Lanuvio	0.25 319	IPg	20 46 42.5	+0.5
LAV9	Lanuvio	35um,0.4s	IPg	20 46 45.5	0.0
LAV9	Lanuvio	0.25 319	IPg	20 46 42.5	+0.5
LAV9	Lanuvio	78.91 302	IPg	20 46 45.5	0.0
MA9	Marino	0.34 325	IPg	20 46 43.8	-0.9
MA9	Marino	10um,0.6s	IPg	20 46 47.8	-0.4
MA9	Marino	0.34 325	IPg	20 46 43.8	-0.9
MA9	Marino	10um,0.6s	IPg	20 46 47.8	-0.4
SAMA	S.Maria delle	0.38 320	IPg	20 46 44.4	-1.0
SAMA	S.Maria delle	4um,0.9s	IPg	20 46 50.7	-0.5
SAMA	S.Maria delle	0.38 320	IPg	20 46 44.4	-1.0
SAMA	S.Maria delle	4um,0.9s	IPg	20 46 50.7	-0.5
GUAR	Guarcino	0.42 44	IPg	20 46 44.8	-0.4
GUAR	Guarcino	4um,0.5s	IPg	20 46 51.4	-1.2
GUAR	Guarcino	0.42 44	IPg	20 46 44.8	-0.4
GUAR	Guarcino	4um,0.5s	IPg	20 46 51.4	-1.2
ROM9	Roma	0.45 318	IPg	20 46 46.0	-0.6
ROM9	Roma	5um,0.6s	IPg	20 46 52.8	-0.5
ROM9	Roma	0.45 318	IPg	20 46 46.0	-0.6
ROM9	Roma	5um,0.6s	IPg	20 46 52.8	-0.5
CERT	Cerreto	0.46 6	IPg	20 46 45.6	-1.2
CERT	Cerreto	9um,0.4s	IPg	20 46 53.0	-0.6
CERT	Cerreto	0.46 6	IPg	20 46 45.6	-1.2
CERT	Cerreto	9um,0.4s	IPg	20 46 53.0	-0.6
MTCE	Montecelio	0.55 346	IPg	20 46 47.0	-0.5
MTCE	Montecelio	4um,1.0s	IPg	20 46 55.7	-0.4
MTCE	Montecelio	0.55 346	IPg	20 46 47.0	-0.5
MTCE	Montecelio	4um,1.0s	IPg	20 46 55.7	-0.4
POFI	Posta Fibreno	0.64 69	IPg	20 46 48.4	-0.7
POFI	Posta Fibreno	4um,0.5s	IPg	20 46 58.4	-0.3
POFI	Posta Fibreno	0.64 69	IPg	20 46 48.4	-0.7
POFI	Posta Fibreno	4um,0.5s	IPg	20 46 58.4	-0.3
PTOR	Pietraquaria	0.64 34	IPg	20 46 48.5	-0.7
PTOR	Pietraquaria	4um,0.5s	IPg	20 46 48.5	-0.7
PTOR	Pietraquaria	0.64 34	IPg	20 46 48.5	-0.7
PTOR	Pietraquaria	4um,0.5s	IPg	20 46 48.5	-0.7
VVLD	Villa Valleleon	0.65 54	IPg	20 46 58.1	-1.0
VVLD	Villa Valleleon	12um,0.4s	IPg	20 46 58.1	-1.0
VVLD	Villa Valleleon	0.65 54	IPg	20 46 58.1	-1.0
VVLD	Villa Valleleon	12um,0.4s	IPg	20 46 58.1	-1.0
FIAM	Fiamignano	0.79 11	IPg	20 46 51.0	-1.1
FIAM	Fiamignano	6um,0.6s	IPg	20 47 02.7	-0.5
FIAM	Fiamignano	0.79 11	IPg	20 46 51.0	-1.1
FIAM	Fiamignano	6um,0.6s	IPg	20 47 02.7	-0.5
VENT	Ventene	0.79 151	IPg	20 46 51.0	-1.1
VENT	Ventene	1um,0.6s	IPg	20 46 51.0	-1.1
VENT	Ventene	0.79 151	IPg	20 46 51.0	-1.1
VENT	Ventene	1um,0.6s	IPg	20 46 51.0	-1.1
MODR	Mondragone	0.80 115	IPg	20 46 51.1	-1.1
MODR	Mondragone	2um,0.4s	IPg	20 46 51.1	-1.1
MODR	Mondragone	0.80 115	IPg	20 46 51.1	-1.1
MODR	Mondragone	2um,0.4s	IPg	20 46 51.1	-1.1
CERA	Filignano	0.83 82	IPg	20 46 51.7	-1.1
CERA	Filignano	0.83 82	IPg	20 46 51.7	-1.1
CERA	Filignano	0.83 82	IPg	20 46 51.7	-1.1
CERA	Filignano	0.83 82	IPg	20 46 51.7	-1.1
MSC	Monte Massico	0.85 110	IPg	20 46 51.6	-1.5
MSC	Monte Massico	0.85 110	IPg	20 46 51.6	-1.5
MSC	Monte Massico	0.85 110	IPg	20 46 51.6	-1.5
MSC	Monte Massico	0.85 110	IPg	20 46 51.6	-1.5
TOLF	Tolfa	0.89 310	IPg	20 46 53.8	-0.4
TOLF	Tolfa	1um,0.6s	IPg	20 46 53.8	-0.4
TOLF	Tolfa	0.89 310	IPg	20 46 53.8	-0.4
TOLF	Tolfa	1um,0.6s	IPg	20 46 53.8	-0.4
INTR	Introdacqua	0.90 55	IPg	20 46 52.7	-1.5
INTR	Introdacqua	4um,0.5s	IPg	20 47 05.9	-0.5
INTR	Introdacqua	0.90 55	IPg	20 46 52.7	-1.5
INTR	Introdacqua	4um,0.5s	IPg	20 47 05.9	-0.5
FAGN	Fagnano	0.92 32	IPg	20 46 53.0	-1.5
FAGN	Fagnano	5um,0.9s	IPg	20 46 53.0	-1.5
FAGN	Fagnano	0.92 32	IPg	20 46 53.0	-1.5
FAGN	Fagnano	5um,0.9s	IPg	20 46 53.0	-1.5
T014	Madonna delle	0.92 20	IPg	20 46 53.2	-1.4
AQU	L'Aquila	0.94 23	IPg	20 46 53.7	-1.1
RN12	Rionero Sannit	0.95 77	IPg	20 46 54.1	-1.0
RN12	Rionero Sannit	3um,0.7s	IPg	20 46 54.1	-1.0
RN12	Rionero Sannit	0.95 77	IPg	20 46 54.1	-1.0
RN12	Rionero Sannit	3um,0.7s	IPg	20 46 54.1	-1.0
VAGA	Valle Agricola	0.99 94	IPg	20 46 55.3	-0.6
VAGA	Valle Agricola	1um,0.4s	IPg	20 46 55.3	-0.6
VAGA	Valle Agricola	0.99 94	IPg	20 46 55.3	-0.6
VAGA	Valle Agricola	1um,0.4s	IPg	20 46 55.3	-0.6
MIDA	Miranda	1.01 81	IPg	20 46 54.8	-1.5
MIDA	Miranda	959nm,0.7s	IPg	20 46 54.8	-1.5
MIDA	Miranda	1.01 81	IPg	20 46 54.8	-1.5
MIDA	Miranda	959nm,0.7s	IPg	20 46 54.8	-1.5
OC9	Casamicciola	1.05 135	IPg	20 46 55.5	-1.5
OC9	Casamicciola	1.05 135	IPg	20 46 55.5	-1.5
OC9	Casamicciola	1.05 135	IPg	20 46 55.5	-1.5
OC9	Casamicciola	1.05 135	IPg	20 46 55.5	-1.5
SGG	Gregorio Mates	1.10 95	IPg	20 46 57.3	-0.7
SGG	Gregorio Mates	1um,0.6s	IPg	20 46 57.3	-0.7
SGG	Gregorio Mates	1.10 95	IPg	20 46 57.3	-0.7
SGG	Gregorio Mates	1um,0.6s	IPg	20 46 57.3	-0.7
CAMP	Campotosto	1.11 19	IPg	20 46 57.1	-1.0
CAMP	Campotosto	2um,0.9s	IPg	20 46 57.1	-1.0
CAMP	Campotosto	1.11 19	IPg	20 46 57.1	-1.0
CAMP	Campotosto	2um,0.9s	IPg	20 46 57.1	-1.0
LNSS	Leonessa	1.11 5	IPg	20 46 56.1	-2.1
LNSS	Leonessa	4um,0.4s	IPg	20 46 56.1	-2.1
LNSS	Leonessa	1.11 5	IPg	20 46 56.1	-2.1
LNSS	Leonessa	4um,0.4s	IPg	20 46 56.1	-2.1
IPOZ	Pozzuoli	1.13 126	IPg	20 46 57.1	-1.3
VCEL	Villa Celiara	1.14 37	IPg	20 46 57.3	-1.3
VCEL	Villa Celiara	4um,0.7s	IPg	20 46 57.3	-1.3
VCEL	Villa Celiara	1.14 37	IPg	20 46 57.3	-1.3
VCEL	Villa Celiara	4um,0.7s	IPg	20 46 57.3	-1.3
SMA1	SAN MARTINO	1.18 15	IPg	20 46 58.1	-1.4
SMA1	SAN MARTINO	3um,0.5s	IPg	20 46 58.1	-1.4
SMA1	SAN MARTINO	1.18 15	IPg	20 46 58.1	-1.4
SMA1	SAN MARTINO	3um,0.5s	IPg	20 46 58.1	-1.4
PTRJ	Pietrajoja	1.22 95	IPg	20 46 59.0	-1.2
PTRJ	Pietrajoja	3um,0.7s	IPg	20 46 59.0	-1.2
PTRJ	Pietrajoja	1.22 95	IPg	20 46 59.0	-1.2
PTRJ	Pietrajoja	3um,0.7s	IPg	20 46 59.0	-1.2
TERO	Teramo	1.24 24	IPg	20 47 00.0	+0.1
TERO	Teramo	2um,0.6s	IPg		

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like HLID, DLMT, BATTLE MOUNTAIN, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BW06, PDAR, BJL, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like GLA, PV10, PV04, etc.

Table with columns for ID, Name, Date, Time, and other details. Includes entries like WHTX Lake Whitney, V40A Witts Springs, Q44A Meyer Farm, etc.

Table with columns for ID, Name, Date, Time, and other details. Includes entries like 241A Mo Tay, Golden, WVT Waverly, WWT Waverly, etc.

Table with columns for ID, Name, Date, Time, and other details. Includes entries like 150A Ale-Archa, 349A Repton, IP04 Breton, 250A Grady, etc.

Table with columns for station call letters, frequency, power, and time. Includes stations like TORO, TOA1, TIRR, TIRR, BRVK, HARR, TAM, etc.

Table with columns for station call letters, frequency, power, and time. Includes stations like KOWA, KOWA, MOY, UZH, L'vov, OBNS, etc.

Table with columns for station call letters, frequency, power, and time. Includes stations like KLMR, KLMR, MOTA, FETA, FUORN, RETA, etc.

16d 2h

comp=2.0,1nm,0.4s,baz=350,slow=6.9,SNR=3.0

YKBS	Yellowknife Ar	135.13	0	ePKP	PKP	02 39 39.4
YKBS				ePKP	PKP	02 39 44.6 -2.0
E43A				ePKP	PKP	02 42 16.5 -5.0
				ePKP	PKP	02 40 01.3 -0.9
Lone Tree Farm	143.35 328					
TAOE	Nuku Hiva Isla	143.51 134	eLR	LR	03 26 34.7	
FL3A	Flat Rock, Esc	143.80 327	P	PKPbc	02 40 01.9 +1.3	
ULM	Lac du Bonnet	144.13 339	P	PKPbc	02 39 56.0	
ULM						
ULM	Lac du Bonnet	144.13 339	P	PKPbc	02 39 56.0	
ULM						
E41A	Kenton	144.27 329	P	PKPbc	02 40 02.4 +1.0	
EYMN	Ely	144.34 333	P	PKPbc	02 40 02.7 +0.7	
EYMN						
EYMN	Ely	144.34 333	P	PKPbc	02 40 02.1 +0.3	
C38A	Sawhill Land.	144.41 333	P	PKPbc	02 40 02.0 -0.1	
COWI	Conover	144.61 329	ePKP	PKPbc	02 40 05.2 +0.7	
ACSO	Alum Creek Sta	144.64 316	P	PKPbc	02 40 03.7 +0.3	
ACSO						
ACSO	Alum Creek Sta	144.64 316	ePKP	PKPbc	02 40 06.1 +1.4	
E40A	Wakfield	144.73 330	P	PKPbc	02 40 04.1 +0.6	
C47A	Embarrass	144.80 334	P	PKPbc	02 40 04.2 +0.6	
F41A	Three Lakes	144.85 329	P	PKPbc	02 40 04.7 +0.8	
G42A	Mountain	144.85 327	P	PKPbc	02 40 04.5 +0.6	
B35A	Bob, Littlefor	144.93 336	P	PKPbc	02 40 04.6 +0.6	
H35A	Windswept, Lux	145.03 326	P	PKPbc	02 40 04.7 +0.2	
C36A	Pine Crest Far	145.05 334	P	PKPbc	02 40 05.0 +0.5	
A33A	Warroad	145.08 338	P	PKPbc	02 40 05.3 +0.2	
E39A	Mellen	145.09 331	P	PKPbc	02 40 05.2 +0.5	
B34A	Aery, Baudett	145.18 337	P	PKPbc	02 40 05.4 +0.4	
F40A	Park Falls	145.22 330	P	PKPbc	02 40 05.6 +0.4	
G41A	Antigo	145.26 328	P	PKPbc	02 40 05.8 +0.4	
D37A	Cotton	145.34 333	P	PKPbc	02 40 06.2 +0.6	
H38A	The Farm, Brul	145.38 332	P	PKPbc	02 40 06.0 +0.4	
E42A	Shiocton	145.41 326	P	PKPbc	02 40 06.2 +0.4	
A32A	Rocking H Ranc	145.48 339	P	PKPbc	02 40 06.5 +0.5	
NHSC	New Hope	145.51 303	P	PKPbc	02 40 05.8 -0.5	
C35A	Jirik Farms, M	145.56 335	P	PKPbc	02 40 06.5 +0.4	
F39A	Loretta	145.60 330	P	PKPbc	02 40 07.0 +0.4	
I43A	Langenfeld Bro	145.62 325	P	PKPbc	02 40 07.0 +0.3	
D36A	Goodland	145.64 334	P	PKPbc	02 40 06.4 +0.3	
A31A	Linda, St. Vin	145.71 340	P	PKPbc	02 40 06.5 +0.3	
B34A	Robert and Kas	145.71 337	P	PKPbc	02 40 06.9 +0.3	
KM3C	Kings Mountain	145.72 307	P	PKPbc	02 40 07.1 +0.5	
KM3C						
KM3C	Kings Mountain	145.72 307	ePKP	PKPbc	02 40 07.9 +0.6	
G40A	Rib Lake	145.73 329	P	PKPbc	02 40 07.6 +0.5	
AGMN	Agassiz Nation	145.75 303	P	PKPbc	02 40 07.5 +0.3	
AGMN						
AGMN	Agassiz Nation	145.75 307	ePKP	PKPbc	02 40 07.2 +0.4	
H41A	Junction City	145.91 328	P	PKPbc	02 40 07.6 +0.3	
B42A	Ashes, Strandq	145.94 338	P	PKPbc	02 40 07.7 +0.5	
C34A	RKU Ranch, Bem	145.97 336	P	PKPbc	02 40 07.9 +0.5	
F38A	Pierce - Schro	146.02 331	P	PKPbc	02 40 08.2 +0.1	
D35A	Remer	146.09 335	P	PKPbc	02 40 08.5 +0.1	
G39A	Holcombe	146.13 330	P	PKPbc	02 40 08.9 +0.1	
E36A	McGregor	146.20 333	P	PKPbc	02 40 09.2 +0.4	
C33A	Traill	146.21 337	P	PKPbc	02 40 08.2 +0.1	
H40A	Chili	146.28 328	P	PKPbc	02 40 09.6 +0.4	
B31A	Greenbush Farm	146.30 340	P	PKPbc	02 40 09.3 +0.2	
I41A	Arkdale	146.41 327	P	PKPbc	02 40 10.1 +0.4	
K43A	Burlington	146.49 324	P	PKPbc	02 40 09.7 +0.6	
J42A	Columbus	146.53 325	P	PKPbc	02 40 09.9 +0.7	
LLL	Lilloet	146.53 9	ePKP	PKPbc	02 40 10.0 0.0	
F37A	Hilrichs Farm,	146.54 332	P	PKPbc	02 40 10.1 0.0	
D34A	Park Rapids	146.54 336	P	PKPbc	02 40 09.9 +0.7	
L44A	Lake County Fo	146.59 323	P	PKPbc	02 40 10.2 +0.8	
G38A	Ridgeland	146.60 330	P	PKPbc	02 40 09.8 +0.5	
E35A	Pequot Lakes	146.65 334	P	PKPbc	02 40 10.2 +0.7	
N46A	Monticello	146.67 320	P	PKPbc	02 40 10.2 +0.6	
H39A	Augusta	146.69 329	P	PKPbc	02 40 09.8 +0.2	
M45A	Boilermakers S	146.69 321	P	PKPbc	02 40 10.2 +0.5	
O47A	Sheridan	146.70 319	P	PKPbc	02 40 10.4 +0.6	
D33A	AnnSam, Waubun	146.75 337	P	PKPbc	02 40 10.2 +0.5	
TZTN	Tazewell	146.78 311	P	PKPbc	02 40 10.0 -0.2	
TZTN						
F36A	Milaca	146.83 333	P	PKPbc	02 40 11.1 +0.9	
C31A	Landman Farms,	146.87 339	P	PKPbc	02 40 10.5 +0.5	
B41A	Loganville	146.97 326	P	PKPbc	02 40 11.1 +0.6	
G34A	Lake Jocassee	146.98 308	ePKPbc	PKPbc	02 40 12.9 +0.7	
E34A	Wadena	147.00 335	P	PKPbc	02 40 11.1 +0.7	
SPMN	Marine on St.	147.00 331	P	PKPbc	02 40 11.0 +0.5	
SPMN						
K42A	Prairie Point,	147.01 325	P	PKPbc	02 40 10.7 +0.1	
L43A	Garden Prairie	147.06 324	P	PKPbc	02 40 10.9 +0.2	
M44A	Midewin, Midew	147.16 322	P	PKPbc	02 40 11.5 +0.4	
H38A	Malden Rock	147.17 330	P	PKPbc	02 40 11.1 +0.1	
SFIN	Lafayette	147.19 320	P	PKPbc	02 40 11.3 +0.1	
SFIN						
F35A	Sawayette	147.19 320	ePKPbc	PKPbc	02 40 12.8 -0.1	
J40A	Soldiers Grove	147.33 327	P	PKPbc	02 40 10.7 +1.5	
TKL	Tuckaleechee C	147.33 310	ePKPbc	PKPbc	02 40 10.7 +1.3	
E33A	Westby DABS, E	147.34 336	P	PKPbc	02 40 10.7 -0.8	
I39A	Houston	147.40 328	P	PKPbc	02 40 11.1 -0.6	
JFWS	Jewell Farm	147.40 326	P	PKPbc	02 40 10.7 +1.4	
JFWS						
JFWS	Jewell Farm	147.40 326	ePKP2	PKPbc	02 40 13.0 +1.3	

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JFWS	Jewell Farm	147.40 326	ePKPbc	PKPbc	02 40 13.0 +1.3
G36A	St. Michael	147.42 332	P	PKPbc	02 40 10.2 +1.0
MDND	Maddock	147.43 341	P	PKPbc	02 40 10.7 +1.5
MDND					
MDND	Maddock	147.43 341	ePKPbc	PKPbc	02 40 13.0 -0.5
F34A	Alexandria	147.62 334	P	PKPbc	02 40 09.8 +0.2
K41A	Shullsburg	147.64 326	P	PKPbc	02 40 10.8 +1.1
M43A	Walthumb Townsh	147.66 323	P	PKPbc	02 40 11.2 +1.5
G35A	Watkins	147.75 333	P	PKPbc	02 40 10.9 +1.1
J39A	Decorah	147.87 328	P	PKPbc	02 40 10.7 +0.7
E31A	Nome	147.99 338	P	PKPbc	02 40 10.9 +0.8
F33A	5 Mile Ranch,	148.00 336	P	PKPbc	02 40 11.5 +1.3
GOGA	Godfrey	148.00 305	P	PKPbc	02 40 11.1 +0.6
GOGA					
GOGA	Godfrey	148.00 305	ePKP2	PKPbc	02 40 16.5 +0.2
GOGA					
DGMT	Dagmar	148.06 347	P	PKPbc	02 40 11.5 +1.3
DGMT					
DGMT	Dagmar	148.06 347	ePKP	PKPbc	02 40 11.4 +1.2
L41A	Preston	148.11 325	P	PKPbc	02 40 12.0 +1.6
O44A	Mansfield	148.17 320	P	PKPbc	02 40 11.9 +1.3
I37A	Lemond, Waseca	148.19 330	P	PKPbc	02 40 11.2 +0.7
G34A	Benson	148.22 334	P	PKPbc	02 40 11.8 +1.3
H35A	Sunnyside Ranc	148.31 333	P	PKPbc	02 40 11.6 +0.9
K39A	Delain	148.41 327	P	PKPbc	02 40 11.5 +0.6
HDIL	Hopedale	148.42 322	P	PKPbc	02 40 11.8 +0.8
I36A	Fitlammons Fa	148.48 331	P	PKPbc	02 40 11.7 +0.7
L40A	Anamosa	148.51 326	P	PKPbc	02 40 11.9 +0.8
G33A	Ortonville	148.59 335	P	PKPbc	02 40 12.9 +1.8
WALA	Waterton Lakes	148.60 359	ePKPbc	PKPbc	02 40 16.0 +1.1
O43A	Sugar Creek Fa	148.60 321	P	PKPbc	02 40 12.8 +1.5
M41A	Milan	148.61 324	P	PKPbc	02 40 13.4 +2.1
N42A	Yates City	148.68 323	P	PKPbc	02 40 13.3 +1.9
F41A	Sand Creek, Wi	148.68 319	P	PKPbc	02 40 13.9 -1.3
P34A	Hecla	148.72 338	P	PKPbc	02 40 14.1 -1.0
Q45A	Warren Harvey,	148.72 318	P	PKPbc	02 40 14.1 -1.2
H34A	Spellman Lake,	148.75 334	P	PKPbc	02 40 13.8 -1.4
B05A	Bryant	148.78 10	P	PKPbc	02 40 13.7 -1.4
OLIL	Lakeview Retre	148.78 318	ePKPbc	PKPbc	02 40 17.9 -1.3
J37A	Redenius Farm,	148.80 330	P	PKPbc	02 40 13.9 +2.3
L39A	Vinton	148.88 327	P	PKPbc	02 40 14.0 +2.3
K38A	Parkersburg	148.91 328	P	PKPbc	02 40 15.5 +0.2
U48A	Cassie Pea, Po	148.93 313	P	PKPbc	02 40 14.8 -1.1
G32A	Webster	148.95 336	P	PKPbc	02 40 15.7 0.0
B08A	Colville Reser	149.05 6	ePKP	PKPbc	02 40 15.7 -0.2
T47A	Sharon Grove	149.07 314	P	PKPbc	02 40 15.9 -0.3
O42A	Bath	149.11 322	P	PKPbc	02 40 17.1 +0.8
M40A	Post Highland	149.12 325	P	PKPbc	02 40 16.3 0.0
P43A	Skaggs, Pawnee	149.13 321	P	PKPbc	02 40 16.2 -0.2
H33A	Prehn Over Nor	149.13 335	P	PKPbc	02 40 16.4 +0.1
R45A	Skyler, Fairfri	149.15 317	P	PKPbc	02 40 16.6 +0.1
J36A	Seneca 1, Swea	149.16 331	P	PKPbc	02 40 17.2 +0.9
K37A	Belmond	149.25 329	P	PKPbc	02 40 16.7 +0.2
Q44A	Meyer Farm, Va	149.26 319	P	PKPbc	02 40 17.3 +0.7
NEW	Newport	149.32 3	P	PKPbc	02 40 16.0 -0.6
NEW					
NEW	Newport	149.32 3	PKP2	PKPbc	02 40 13.3 +1.0
NEW					
L38A	Oak Wood Farm,	149.37 328	P	PKPbc	02 40 13.2 +1.0
EGMT	Eagleton	149.39 354	P	PKPbc	02 40 16.4 -0.5
EGMT					
M39A	Webster	149.39 354	ePKP	PKPbc	02 40 15.2 -1.6
U47A	Olataville	149.48 313	P	PKPbc	02 40 17.6 +0.6
V48A	Smith Brothers	149.50 312	P	PKPbc	02 40 16.9 -0.5
N40A	Mertquake, Sal	149.52 324	P	PKPbc	02 40 16.9 -0.4
H32A	Carlson Farm,	149.56 335	P	PKPbc	02 40 16.2 -1.1
O41A	Passleys Farm,	149.63 323	P	PKPbc	02 40 18.5 +0.9
P42A	Winchester	149.66 321	P	PKPbc	02 40 17.4 -0.2
Q43A	New Douglas	149.66 320	P	PKPbc	02 40 18.7 +1.0
SCIA	State Center	149.67 328	P	PKPbc	02 40 18.7 +1.1
SCIA					
SCIA	State Center	149.67 328	ePKPbc	PKPbc	02 40 19.2 +1.6
R44A	Waltonville	149.69 318	P	PKPbc	02 40 19.1 +1.3</

16d 4h

Table with columns for station name, frequency, mode, and coordinates. Includes stations like BHPL, Gorkha, DMN, Kakani, AB31, etc.

2012 FEB

Table with columns for station name, frequency, mode, and coordinates. Includes stations like BRTR, Keskin Array B, OBNS, Obninsk, etc.

914

Table with columns for station name, frequency, mode, and coordinates. Includes stations like WR1, Warrumunga Arr, WB2, etc.

CSEM 16 04:12:17.4, 40:14N-24:02E, h16km, ML1.5/3
ATH 16 04:12:17.4, 40:14N-24:02E, h16km, 4km, ML1.5/3, Error ellipse: s-maj=4.7km s-min=0.9km az=252.0, Aegean Sea

Table with columns for Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res. Includes stations like PAIG, Paliouri, PAIG, etc.

ISCJBL 16 04:23:26.40.7, 15:98S:01:08:71:84W:0:07, h133km, mb3.8/5, Error ellipse: s-maj=14.1km s-min=6.5km az=36.9

IDC 16 04:23:28.9.1.8, 15:80S:71:64W, h149km, mb3.7/5, mb1 3.8/9, mb1mx3.4/48, mbtmp4.2/9, MS2.7/1, Ms1 2.7/1, ms1mx2.3/5.1, Error ellipse: s-maj=20.0km s-min=14.8km az=52.0

ISC 16 04:23:27.4.0.8, 15:83S:01:71:70W:0:09, h133km, n20, i:1549:20, mb3.9/5, Southern Peru

Table with columns for Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res. Includes stations like LPAZ, La Paz, LPAZ, etc.

GUC 16 04:30:41.7:0.7, 21:12S:70:33W, h37km, 7km, ML3.5, 1D, Near coast of northern Chile

Table with columns for Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res. Includes stations like PB02, IPOC Station P, PB02, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes entries for PB06, MNMC, and other stations.

SOME 16 04:44:18.4, 43.47'N, 82.75'E, h10km
NNC 16 04:44:23.5, 6.3, 43.71'N, 82.52'E, h0km, mb3.0, mpv2.6
Error ellipse: s-maj=68.3km s-min=17.8km az=137.0

Main table for 915 section, listing station data for various codes like KTMS, DJR, PDGK, etc.

NIED 16 04:50:00, 41.90'N, 139.30'E, h11km, Mw4.0 Best double
couple: M0:1.03000x1015 N1:1.00000x836.00000,
L1:14.00000x...

ISCJB 16 04:50:08.4, 0.5, 41.96'N, 139.27'E, 0.3, h26km, 3km,
mb4.2/36, MS3.4/1, Error ellipse: s-maj=5.8km
s-min=4.2km az=7.3

JMA 16 04:50:08.9, 0.1, 41.93'N, 139.30'E, h20km, 1km, M4.2
JMA Felt III.1

NEIC 16 04:50:10.7, 1.9, 41.96'N, 139.34'E, h30km, 14km, mb4.6/17,
Error ellipse: s-maj=7.8km s-min=5.4km az=157.0

NEIC Recorded [3 JMA] in southwestern Hokkaido.
ISC 16 04:50:08.8, 1.5, 41.96'N, 139.26'E, 0.05, h17km, 9km,
mb4.0, 0.92/100, mb4.3/35, 4C, Hokkaido region

Main table for 915 section, listing station data for various codes like JOSE, JOSH, JYM2, etc.

Main table for 2012 FEB section, listing station data for various codes like HARP, EGAK, INK, etc.

NIED 16 05:09:00, 38.50'N, 142.10'E, h41km, Mw4.3 Best double
couple: M2:7.30000x1015 N1:1.00000x857.00000,
L3:36.00000x...

MOS 16 05:09:37.3, 1.2, 38.59'N, 142.19'E, h43km, mb4.3/17, Error
ellipse: s-maj=2.9km s-min=2km az=84.5

ISCJB 16 05:09:37.0, 3.8, 38.52'N, 142.19'E, 0.03, h41km,
mb4.2/34, MS3.6/5, Error ellipse: s-maj=4.4km
s-min=3.3km az=135.3

JMA 16 05:09:38.8, 0.1, 38.55'N, 142.08'E, h42km, 1km, M4.3
JMA Felt III.1

NEIC 16 05:09:39.7, 0.7, 38.50'N, 142.17'E, h45km, 7km, mb4.4/3,
Error ellipse: s-maj=8.9km s-min=5.7km az=114.0

NEIC Felt at Koriyama and Sendai. Recorded [3 JMA] in Iwate
and Miyagi.

ISC 16 05:09:40.1, 1.7, 38.50'N, 141.99'E, h47km, 15km, mb3.7/20,
mb1.3/2/5, mb1mx3.8/78, mbtmp3.9/20, ML4.3/4, MS3.2/9,
ML1.3/2/9, ms1mx3.9/28, Error ellipse: s-maj=16.7km
s-min=11.0km az=111.0

ISC 16 05:09:38.8, 0.4, 38.47'N, 142.21'E, 0.04, h41km, n110,
0.252/128, mb4.1/34, MS3.6/5, 8C-2D, Near east coast of
eastern Honshu

Main table for 2012 FEB section, listing station data for various codes like Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC.

Main table for 16d 5h section, listing station data for various codes like SHO, USRK, USRK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FINES, KIV, HFS, NB2, NOA, AKASG, NVAR, KONO, PDAR, BRTR, MLR, CLL, PRU, KHC, TXAR, LPAZ, LCO.

NMC 16 05:32:26.73.5.41.10N:71.18E, h0km, mb2.7, mpv2.4, Error ellipse: s-maj=27.2km s-min=13.8km az=2.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARSB, TAS, MNAS, AML, AAK, FITZ, WRA, ASAR, STKA, CMAR, SONM, MKAR, ZALV.

IDC 16 05:38:08.1.3.0.28.17S:176.69W, h0km, mb3.6/2, m1 3.9/2, mb1mx3.5/38, mbtmp3.6/2, Error ellipse: s-maj=85.7km s-min=37.7km az=128.0, Kermadec Islands region

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

JMA 16 05:39:15.2.0.1.35.48N:139.00E, h25km, 1.1km, M2.6, Eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JOD2, YJN, JRY, JIZ, SHZ3, JIM2, MAT.

IDC 16 05:41:48.5.2.5.54.19N:86.42E, h0km, mb1.3/0.2, mb1mx2.7/70, mbtmp3.0/2, ML2.8/2, Error ellipse: s-maj=19.7km s-min=12.1km az=57.0, Southwestern Siberia

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

IDC 16 05:15:27.0.1.1.1.009N:123.53E, h0km, mb3.7/7, mb1 3.8/7, mb1mx3.6/59, mbtmp3.7/7, MS3.0/2, Ms1 3.0/2, ms1mx2.5/62, Error ellipse: s-maj=63.4km s-min=17.7km az=64.0

MAN 16 05:15:28.10.17N:123.27E, h20km, mb4.3, ML3.2, MS2.9, ISJCJB 16 06:15:29.3.0.6.10.12N:0.04:123.26E, h0.4, h17km, mb3.7/7, Error ellipse: s-maj=6.5km s-min=5.9km az=28.9

ISC 16 05:15:29.5.0.7.10.11N:0.04:123.42E, h0.05, h17km, n15, r194/17, mb3.7/7, IC-3D, Odu

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LLP, TBP, DCPH, JAP, ROXAS, PLP, DAV, SJUI, CMAR, WRA, ASAR, SONM, MKAR, ZALV, KURBB.

IDC 16 06:20:17.3.1.8.8.69S:117.64E, h0km, mb4.0/5, mb1 4.0/7, mb1mx3.7/54, mbtmp3.9/7, ML3.7/2, MS3.0/3, Ms1 3.1/3, ms1mx2.7/51, Error ellipse: s-maj=138.4km s-min=17.8km az=55.0

ISJCJB 16 06:20:18.8.0.4.8.08S:0.03:118.17E:0.02, h10km, mb4.0/5, MS3.0/1, Error ellipse: s-maj=4.9km s-min=3.5km az=177.1

DJA 16 06:20:20.2.0.4.8.5.2:11.8E, h13km, 2.3km, M4.2/16, ML4.2/16

ISC 16 06:20:19.7.0.7.8.13S:0.04:118.18E:0.03, h10km, n24, r145/33, mb4.2/5, Cumb

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PLAI, WBSI, SRI, SRI, BSSI, BSSI, IGBI, BASI, EDFI, EDFI, ABJI, ABJI, JAGI, JAGI, MMRI, BNSI, KMMI, SPSI, SPSI, BLJI, GUMI, BATI, FITZ, FITZ, WRA, ASAR, ASAR, STKA, CMAR, SONM, MKAR, ZALV.

MEX 16 06:22:57.5.1.0.17.27N:101.57W, h16km, 20km, MD3.9, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZIIG, CAIG, CAIG, ARIG, ARIG, ACX, MEIG, MEIG, MMIG, PLIG, YLIG, YLIG, TLIG, TLIG.

PGC 16 06:37:28.2.0.3.48.77N:128.15W, h10km, mb4.7, ML4.2, ML3.4/2, M4.8, 168km west of Tofo, Bc Vancouver Island, Canada Region

BUI 16 06:37:29.8.49.10N:127.60W, h10km, Mb4.7/17, Mb5.0/2, Ms4.8/5, Ms7.4/6

IDC 16 06:37:29.7.0.7.49.01N:127.86W, h0km, mb4.1/18, mb1 4.3/25, mb1mx4.2/74, mbtmp4.2/75, ML4.0/2, MS4.2/56, Ms1 4.2/56, ms1mx4.1/73, Error ellipse: s-maj=17.4km s-min=8.5km az=54.0

ISJCJB 16 06:37:31.1.0.1.49.04N:0.1:127.86W:0.02, h10km, s-maj=1.4km az=138.5

MOS 16 06:37:32.0.1.4.49.11N:127.53W, h15km, mb4.9/29, MS4.2/4, Error ellipse: s-maj=10.2km s-min=4.8km az=112.2

GCMT 16 06:37:33.0.3.48.80N:128.13W, h14km, 1km, MW4.9/96, Moment Tensor Solution. s24,c25; s96,c141; Duration: 0 Moment tensor: Scale 10^19Nm; Mr-0.24; 11; Mw-2.70; 10; Mw2.94; 11; Mw-0.32; 22; Mw0.13; 22; 09; Mw0.52; 19; Best double couple: M3.16800:10/16 NP1.00:302.00000:887.00000:1.170.00000. NP2: 0.033.00000:880.00000:1.4.00000. Principal axes: T 3.2270, Plg9.0000: Azm257.0000: N -0.3170, Plg4.0000: Azm348.0000: nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 16 06:37:33.3.0.2.49.09N:127.62W, h10km, mb4.7/11,6, MW4.7(OTT) Error ellipse: s-maj=5.3km s-min=2.1km az=50.0

NEIC Felt [I] at Chemainus. Also felt at Campbell River, Courtenay, Ucluelet and Vancouver. Felt at Port Angeles, Washington.

ISC 16 06:37:30.9.1.2.48.97N:0.03:127.75W:0.04, h1km, 7km, n878, r1584/871, mb4.8/59, MS4.2/54, 11C-11D, Vancouver Island region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NC89, ETB, ETB, EDB, EDB, SBC, NC27, TOFB, TOFB, NCRB, KEMP, GDR, WOSB, WOSB, B012, Ucluelet, PACE, Port Alice, BC, MAYB, Mount Ozzard, OZB, Mount Ozzard, BTB, Buttle Lake, BTB, Strathcona Par, SPLB, SPLB, TLBC, Telegraph Cove, HOLB, Holberg, HOLB, Bamfield, B928, Bamfield, PHF, Port Hardy, PHC, MWAB, Mount Washingt, MWAB, NCRB, Newcastle Ridg, NCRB, CBB, Campbell River, B927, Port Alberni, B927, Mount Grey, MCB, Olym-Cheeka Pk, OCP, Olym-Cheeka Pk, OCP, Olym-Cheeka Pk, TXB, Texada, YOUN, Youbou, Lake C, GHHB, Nanoose, GHHB, B926, Mesachie Lake, OFR, Olym-F Res Ctr, NLLB, Nanaimo Lost L, NLLB, SHB, Sechart, LZB, Mount Lazard, BPCB, Bare Point, GOBB, Galiano Island, GOBB, B009, North Saanich, B010, North Saanich, PGC, Sidney, PGC, Sidney, PA02, PA02 Ocean, PA12, PA12 Saanich, B011, North Saanich, B011, PA01 North, PA01, PA04 C4, PA04, PA05 Willingdo, PA05, PA05 Willingdo, OSD, Olympics-Snow, OSD, Gonzales, VGZ, Saturna Island, SGB, Saturna Island, NLWA, Neilton Lookou, NLWA, NLWA, BBB, Bella Bella, BBB, 540nm, 0.3s, baz=21.2, slow=20, SNR=1675

BBB 540nm, 0.3s, baz=21.2, slow=20, SNR=1675

BBB 540nm, 0.3s, baz=21.2, slow=20, SNR=1675

BBB 540nm, 0.3s, baz=21.2, slow=20, SNR=1675

BBB 540nm, 0.3s, baz=21.2, slow=20, SNR=1675

BBB 540nm, 0.3s, baz=21.2, slow=20, SNR=1675

BBB 540nm, 0.3s, baz=21.2, slow=20, SNR=1675

BBB 540nm, 0.3s, baz=21.2, slow=20, SNR=1675

BBB 540nm, 0.3s, baz=21.2, slow=20, SNR=1675

BBB 540nm, 0.3s, baz=21.2, slow=20, SNR=1675

BBB 540nm, 0.3s, baz=21.2, slow=20, SNR=1675

BBB 540nm, 0.3s, baz=21.2, slow=20, SNR=1675

BBB 540nm, 0.3s, baz=21.2, slow=20, SNR=1675

BBB 540nm, 0.3s, baz=21.2, slow=20, SNR=1675

BBB 540nm, 0.3s, baz=21.2, slow=20, SNR=1675

BBB 540nm, 0.3s, baz=21.2, slow=20, SNR=1675

BBB 540nm, 0.3s, baz=21.2, slow=20, SNR=1675

BBB 540nm, 0.3s, baz=21.2, slow=20, SNR=1675

BBB 540nm, 0.3s, baz=21.2, slow=20, SNR=1675

BBB 540nm, 0.3s, baz=21.2, slow=20, SNR=1675

BBB 540nm, 0.3s, baz=21.2, slow=20, SNR=1675

BBB 540nm, 0.3s, baz=21.2, slow=20, SNR=1675

BBB 540nm, 0.3s, baz=21.2, slow=20, SNR=1675

BBB 540nm, 0.3s, baz=21.2, slow=20, SNR=1675

BBB 540nm, 0.3s, baz=21.2, slow=20, SNR=1675

BBB 540nm, 0.3s, baz=21.2, slow=20, SNR=1675

BBB 540nm, 0.3s, baz=21.2, slow=20, SNR=1675

BBB 540nm, 0.3s, baz=21.2, slow=20, SNR=1675

16d 6h

ANMO	comp=Z,20nm,1.2s,baz=146,slow=11,SNR=24	LR	LR	06 51 42.2				
ANMO	Albuquerque	21.05 124	P	P	06 42 17.7 +1.2			
ANMO	Albuquerque	21.05 124	eP	P	06 42 17.4 +1.0			
ANMO	comp=Z,18nm,1.1s							
ANMO	Albuquerque	21.05 124	eP	P	06 42 17.4 +1.0			
LAZ	Ladron	21.09 126	eP	P	06 42 18.9 +2.0			
K31A	O'Neill	21.11 97	P	P	06 42 17.0 +0.1			
A33A	baz=297	21.17 78	P	P	06 42 17.6 +0.2			
Warrord	baz=282	21.17 91	P	P	06 42 17.7 +0.2			
H32A	Carlson Farm,	21.17 91	P	P	06 42 17.7 +0.2			
C33A	Trail	21.20 81	P	P	06 42 17.1 -0.7			
D33A	AnnSam, Waubun	21.32 83	P	P	06 42 19.2 +0.1			
J32A	Parkston	21.37 94	P	P	06 42 19.8 +0.2			
E33A	Westby DABS, E	21.41 85	P	P	06 42 20.5 +0.4			
LPM	Los Pinos Moun	21.43 125	eP	P	06 42 22.0 +1.5			
F33A	5 Mile Ranch,	21.44 86	P	P	06 42 20.5 +0.2			
Y22E	IRIS PASSCAL I	21.46 126	P	P	06 42 22.4 +1.6			
Y22D	IRIS PASSCAL I	21.46 126	P	P	06 42 22.5 +1.8			
BNM	Barren Site	21.56 126	eP	P	06 42 23.4 +1.5			
H33A	Prehn Over Nor	21.56 90	P	P	06 42 22.3 +0.6			
G33A	Ortonville	21.57 88	P	P	06 42 21.5 -0.2			
COLD	Coldfoot	21.57 336	P	P	06 42 20.8 -0.8			
COLD	Coldfoot	21.57 336	eP	P	06 42 22.4 +0.8			
K32A	Verdigre	21.60 96	P	P	06 42 22.7 +0.6			
B34A	Aery, Baudette	21.75 79	P	P	06 42 23.4 -0.2			
IM3	Indian Mountai	21.76 331	eP	P	06 42 22.2 -1.4			
I33A	Coleman	21.77 91	P	P	06 42 23.8 -0.2			
C34A	RKJ Ranch, Bem	21.79 81	P	P	06 42 24.1 0.0			
L32A	Elgin	21.89 97	P	P	06 42 25.5 +0.3			
E34A	Wadena	21.96 84	P	P	06 42 25.8 -0.1			
J33A	Davis	21.97 93	P	P	06 42 26.2 +0.1			
ECSD	EROS Data Cent	22.03 92	P	P	06 42 26.7 +0.1			
ECSD	EROS Data Cent	22.03 92	eP	P	06 42 27.1 +0.4			
G34A	Benson	22.08 88	P	P	06 42 27.5 +0.3			
BGNE	Belgrade	22.09 99	P	P	06 42 27.7 +0.4			
BGNE	Belgrade	22.09 99	eP	P	06 42 29.9 +2.5			
F34A	Alexandria	22.14 86	P	P	06 42 28.1 +0.3			
H34A	Spellman Lake,	22.22 89	P	P	06 42 28.7 +0.2			
121A	Cookes Peak, D	22.22 130	P	P	06 42 30.1 +1.1			
121A	Cookes Peak, D	22.22 130	eP	P	06 42 29.7 +0.7			
K33A	Hardington	22.27 95	P	P	06 42 29.2 0.0			
L33A	Hoskins	22.29 96	P	P	06 42 30.0 +0.4			
B35A	Bob, Littlefor	22.38 79	P	P	06 42 30.2 -0.1			
C35A	Jirik Farms, M	22.39 80	P	P	06 42 30.1 -0.4			
I34A	Hadley	22.40 91	P	P	06 42 30.5 -0.1			
319A	Douglas	22.44 135	eP	P	06 42 34.2 +2.9			
E35A	Pequot Lakes	22.44 83	P	P	06 42 30.8 -0.3			
CBKS	Cedar Bluff	22.48 106	P	P	06 42 31.3 -0.3			
CBKS	Cedar Bluff	22.48 106	eP	P	06 42 32.6 +1.0			
CBKS	Cedar Bluff	22.48 106	eP	P	06 42 32.6 +1.0			
TOLK	Toolik Lake Re	22.48 339	P	P	06 42 31.6 +0.2			
TOLK	Toolik Lake Re	22.48 339	eP	P	06 42 32.1 +0.8			
D35A	Remer	22.51 82	P	P	06 42 31.4 -0.4			
F35A	Swanville	22.56 85	P	P	06 42 32.3 -0.1			
M33A	Taylor Creek F	22.63 98	P	P	06 42 32.5 -0.7			
J34A	George	22.65 92	P	P	06 42 32.9 -0.5			
H35A	Sunnyside Ranc	22.82 88	P	P	06 42 34.7 -0.4			
K34A	Le Mars	22.82 94	P	P	06 42 34.9 -0.3			
G35A	Watkins	22.85 87	P	P	06 42 35.6 +0.2			
N33A	J Bar K, Exete	22.88 100	P	P	06 42 35.7 -0.2			
L34A	Svendens Farm,	22.97 96	P	P	06 42 36.7 -0.1			
I35A	Creekview Farm	23.05 90	P	P	06 42 37.1 -0.5			
SOLO	Sioux Lookout	23.06 74	P	P	06 42 36.8 -0.8			
D36A	Goodland	23.06 81	P	P	06 42 37.1 -0.5			
J35A	Milford	23.11 92	P	P	06 42 37.9 -0.3			
C36A	Pine Crest Far	23.11 80	P	P	06 42 37.8 -0.3			
O33A	Hebron	23.15 101	P	P	06 42 38.5 0.0			
E36A	McGregor	23.21 83	P	P	06 42 39.0 -0.2			
F36A	Milaca	23.25 85	P	P	06 42 39.3 -0.3			
G36A	St. Michael	23.32 86	P	P	06 42 39.9 -0.4			
K35A	Storm Lake	23.38 93	P	P	06 42 40.8 0.0			
L35A	Bielow Farm, R	23.45 95	P	P	06 42 41.3 -0.4			
N34A	Lincoln	23.45 98	P	P	06 42 41.2 -0.4			
H36A	Jessenland, He	23.46 88	P	P	06 42 42.0 +0.4			
EPT	El Paso	23.48 129	eP	P	06 42 48.6 +6.6			
C37A	Embarrass	23.54 79	P	P	06 42 42.5 0.0			
D37A	Colton	23.55 81	P	P	06 42 41.8 -0.7			
I36A	Fitzsimmons Fa	23.62 89	P	P	06 42 43.2 -0.1			
ATKO	Atikokan Iron	23.63 77	P	P	06 42 42.4 -1.0			
M35A	Neola	23.66 96	P	P	06 42 43.5 -0.2			
O34A	Beatrice	23.67 100	P	P	06 42 43.8 0.0			
J36A	Seneca 1, Swea	23.70 91	P	P	06 42 44.3 +0.3			
E37A	Wrenshall	23.75 82	P	P	06 42 43.8 -0.7			
AMTX	Amarillo	23.82 117	P	P	06 42 45.5 +0.1			
AMTX	Amarillo	23.82 117	eP	P	06 42 46.0 +0.7			
MSTX	Muleshoe	23.83 120	P	P	06 42 45.7 +0.2			
MSTX	Muleshoe	23.83 120	eP	P	06 42 46.7 +1.1			
PKLO	Pickle Lake	23.89 70	P	P	06 42 44.4 -1.4			
F37A	Hinrichs Farm,	23.89 84	P	P	06 42 46.3 +0.4			

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P34A	Walnut Farm, R	23.92 102	P	P	06 42 46.3 0.0			
MYNM	Ely	23.93 79	P	P	06 42 45.9 -0.3			
MYNM	Ely	23.93 79	eP	P	06 42 46.6 +0.0			
K36A	Gilmore City	23.93 93	P	P	06 42 46.4 +0.1			
SPMN	Marine on St.	23.95 86	P	P	06 42 47.1 +0.6			
SPMN	Marine on St.	23.95 86	eP	P	06 42 47.8 +1.3			
N35A	Tab	24.00 98	P	P	06 42 47.5 +0.6			
I37A	Lemond, Waseca	24.03 89	P	P	06 42 47.0 -0.2			
L36A	Harm Buss Farm	24.03 94	P	P	06 42 47.1 -0.2			
MNTX	Cornudas Mount	24.11 127	P	P	06 42 48.4 +0.3			
MNTX	Cornudas Mount	24.11 127	eP	P	06 42 48.6 +0.5			
H37A	Dierke Farm, C	24.12 87	P	P	06 42 49.1 +1.1			
O35A	Humboldt	24.13 99	P	P	06 42 48.3 +0.1			
C38A	Sawbill Land.	24.13 79	P	P	06 42 48.4 +0.2			
Q34A	Chapman	24.20 103	P	P	06 42 49.7 +0.8			
J37A	Redenius Farm,	24.22 91	P	P	06 42 49.3 +0.2			
M36A	Felix, Anita	24.25 96	P	P	06 42 49.5 +0.1			
E38A	The Farm, Brul	24.29 82	P	P	06 42 50.0 +0.4			
F38A	Pierce - Schro	24.30 83	P	P	06 42 50.6 +0.9			
KSU1	Kansas State U	24.31 102	P	P	06 42 50.5 +0.6			
KSU1	Kansas State U	24.31 102	eP	P	06 42 51.1 +1.2			
R34A	Isabella, Hill	24.36 104	P	P	06 42 50.7 +0.3			
K37A	Belmond	24.40 92	P	P	06 42 51.0 +0.3			
U32A	Winter Ranch,	24.44 110	P	P	06 42 52.0 +0.9			
P35A	Dus Minner,	24.46 101	P	P	06 42 51.6 +0.3			
N36A	Muff Farm, Cla	24.47 97	P	P	06 42 51.6 +0.3			
H38A	Malden Rock	24.50 87	P	P	06 42 52.1 +0.5			
G38A	Ridgeland	24.59 85	P	P	06 42 52.6 +0.2			
L37A	Phoenix Point,	24.62 93	P	P	06 42 53.3 +0.6			
I38A	Scanlan Farm,	24.72 88	P	P	06 42 53.0 -0.5			
SRIG	Santa Rosalia	24.73 145	eP	P	06 42 59.5 +5.8			
M37A	Trindle Farm,	24.77 95	P	P	06 42 53.6 -0.4			
S34A	Willow Spring	24.80 105	P	P	06 42 54.7 +0.4			
Q35A	Mier Eighty,	24.82 102	P	P	06 42 55.0 +0.5			
O36A	Bolkow	24.82 98	P	P	06 42 54.9 +0.5			
C39A	Grand Marais	24.84 78	P	P	06 42 54.6 -0.1			
J38A	Wedel Dairy, R	24.93 90	P	P	06 42 55.8 +0.4			
F39A	Loretta	24.94 83	P	P	06 42 56.2 +0.6			
N37A	Lee Faris, Mou	24.99 96	P	P	06 42 56.1 +0.1			
G39A	Holcombe	25.00 85	P	P	06 42 56.1 0.0			
E39A	Mellen	25.02 82	P	P	06 42 56.4 +0.1			
K38A	Parkersburg	25.03 91	P	P	06 42 56.7 +0.4			
TBO	Thunder Bay	25.08 76	P	P	06 42 56.4 -0.4			
Q36A	Arnold C. Orve	25.13 101	P	P	06 42 57.4 +0.1			
L38A	Oak Wood Farm,	25.14 93	P	P	06 42 58.1 +0.8			
H39A	Augusta	25.16 86	P	P	06 42 58.6 +1.1			
T34A	McClaskey Farm	25.16 107	P	P	06 42 57.8 +0.2			
S35A	Ottum Creek Ra	25.32 105	P	P	06 42 59.6 +0.6			
M38A	Pleasantville	25.32 94	P	P	06 42 59.7 +0.7			
I39A	Houston	25.33 88	P	P	06 42 59.9 +0.8			
E40A	Wakefield	25.42 81	P	P	06 43 00.2 +0.3			
J39A	Decorah	25.43 89	P	P	06 43 00.4 +0.4			
C40A	Isle Royale Na	25.45 78	P	P	06 43 00.2 +0.2	</		

E45A	Wooded Hills, baz=309, baz=291	28.52	79	P	P	06 43 28.3 +0.5
R42A	Luebbering	28.54	98	P	P	06 43 27.8 -0.2
F45A	CMU Biological, baz=292	28.55	80	P	P	06 43 28.1 +0.1
T41A	Mountain View, baz=306	28.62	101	P	P	06 43 28.6 -0.1
P43A	Skaggs, Pawnee, baz=301	28.64	94	P	P	06 43 29.0 +0.2
V40A	Witts Springs, baz=308	28.69	104	P	P	06 43 29.6 +0.2
X39A	Fountain Ranch, baz=310	28.69	108	P	P	06 43 30.0 +0.6
M44A	Midewin, Midew, baz=298	28.73	90	P	P	06 43 29.0 +0.2
S42A	Caledonia, baz=304	28.83	99	P	P	06 43 30.2 -0.3
Q43A	New Douglas, baz=302	28.89	96	P	P	06 43 31.6 +0.4
W40A	Ferguson Farm, baz=309	28.91	105	P	P	06 43 32.0 +0.7
W40A	Ferguson Farm, comp=Z,24nm,1.1s	28.91	105	eP	P	06 43 33.1 +1.8
U41A	Viola, baz=307	28.94	102	P	P	06 43 31.8 +0.3
N44A	Piper City, baz=300	28.96	91	P	P	06 43 31.7 0.0
MIAR	Mount Ida, baz=310	29.00	107	P	P	06 43 32.9 +0.8
MIAR	Mount Ida, comp=Z,11nm,1.1s	29.00	107	eP	Pmax	06 43 33.3 +1.2
MIAR	Mount Ida, comp=Z,11nm,1.1s	29.00	107	eP	P	06 43 33.3 +1.2
O44A	Mansfield, baz=300	29.07	93	P	P	06 43 32.9 +0.3
R43A	Red Bud, baz=300	29.11	97	P	P	06 43 33.0 0.0
V41A	Mountainview, baz=308	29.12	104	P	P	06 43 32.8 -0.4
RES	Resolute Bay, baz=292, slow=10, SNR=16	29.28	17	P	P	06 43 33.6 -0.5
RES	comp=Z,3.4nm,0.7s, baz=232, slow=10, SNR=16	29.28	17	P	LR	06 55 10.0
RES	comp=Z,204nm,19.7s, baz=234, slow=36	29.28	17	P	P	06 43 33.9 -0.2
P44A	Resolute Bay, Sand Creek, Wi, baz=302	29.32	94	P	P	06 43 35.1 +0.2
WHAR	Woolly Hollow, comp=Z,12nm,1.1s	29.35	104	eP	P	06 43 35.8 +0.7
Q44A	Meyer Farm, Va, baz=302	29.36	95	P	P	06 43 35.1 -0.2
U42A	Reviden, baz=300	29.37	102	P	P	06 43 35.0 -0.4
S43A	Fulton Ridge, baz=304	29.41	99	P	P	06 43 35.3 -0.5
W41B	Gary Mavity, V, baz=308	29.45	105	P	P	06 43 36.2 +0.1
SFIN	Lafayette, baz=300	29.85	91	P	P	06 43 39.7 0.0
SFIN	Lafayette, baz=300	29.85	91	eP	P	06 43 40.9 +1.2
P45A	Graceland, Par, baz=301	29.87	93	P	P	06 43 39.8 +0.1
S44A	Carbondale, baz=304	29.88	98	P	P	06 43 39.6 -0.3
SIUC	Southern Illin, comp=Z,26nm,1.0s	29.89	98	eP	P	06 43 40.3 +0.4
Q45A	Warren Harvey, baz=302	29.93	95	P	P	06 43 40.4 0.0
Y41A	Eglette Beard, baz=310	30.04	107	P	P	06 43 41.9 +0.6
OLIL	Olney, comp=Z,63nm,1.4s	30.06	95	eP	P	06 43 42.3 +0.9
R45A	Skylar, Fairri, baz=303	30.18	96	P	P	06 43 42.9 +0.4
P47A	Martinsville, baz=301	30.86	92	P	P	06 43 48.6 0.0
SUNO	Sudbury Onapin, Don Dixon Farm, baz=300	30.88	76	P	P	06 43 49.2 +0.5
S46A	Don Dixon Farm, baz=300	30.89	96	P	P	06 43 49.5 +0.7
KILO	Kirkland Lake, baz=303	31.26	72	P	P	06 43 53.0 +1.0
R47A	Woolly Knot Far, baz=303	31.33	94	P	P	06 43 52.6 -0.1
W45A	Hickory Valley, baz=300	31.42	102	P	P	06 43 53.5 0.0
OXF	Oxford, baz=308	31.68	103	P	P	06 43 55.9 +0.1
OXF	Oxford, comp=Z,34nm,1.2s	31.68	103	eP	P	06 43 56.6 +0.9
WWT	Waverly, baz=306	31.71	99	P	P	06 43 55.8 -0.2
WWT	Waverly, comp=Z,15nm,1.4s	31.71	99	eP	Pmax	06 43 56.5 +0.4
WWT	Waverly, comp=Z,15nm,1.4s	31.71	99	eP	P	06 43 56.5 +0.4
X45A	UM Field Stati, baz=309	31.74	103	P	P	06 43 56.5 +0.1
S48A	Wiedeman Farm, baz=304	31.99	95	P	P	06 43 58.5 -0.1
V47A	Nunnely, baz=300	32.09	99	P	P	06 43 59.3 -0.2
PLAL	Pickwick Lake, comp=Z,45nm,1.9s	32.25	101	eP	P	06 44 01.6 +0.8
EEO	Eldee, baz=303	32.33	75	P	P	06 44 01.4 -0.1
Y46A	Houston, baz=300	32.43	103	P	P	06 44 02.8 +0.4
244A	Avery, Jackson, baz=312	32.47	108	P	P	06 44 03.6 +0.8
V48A	Smith Brothers, baz=306	32.60	98	P	P	06 44 03.8 -0.1
ACSO	Alum Creek Sta, comp=Z,17nm,0.9s	32.64	88	eP	P	06 44 04.8 +0.6
LNIG	Linares, comp=Z,23nm,1.6s	32.66	127	eP	P	06 44 06.0 +1.5
VLD0	Val d'Or, baz=304	32.82	72	P	P	06 44 02.8 -2.9
SADO	Sadowa, baz=300	33.04	79	P	P	06 44 06.0 -1.6
X50A	Fort Payne, baz=308	34.14	99	P	P	06 44 17.4 0.0
LRAL	Lakeview Retre, Oil Creek Stat, baz=299	34.16	102	eP	P	06 44 17.4 -0.1
M54A	Oil Creek Stat, comp=Z,12nm,0.8s	34.19	84	eP	P	06 44 18.1 +0.4
EUNU	Eureka, baz=308	34.23	12	P	P	06 44 17.5 -0.2
GRQ	Grand Remous, baz=304	34.39	74	P	P	06 44 19.6 +0.2
FRB	Frisher Bay, baz=310	34.54	42	P	P	06 44 19.4 -1.0
149A	Jones, baz=310	34.58	103	P	P	06 44 21.1 0.0
TKL	Tydaleechee C, comp=Z,18.1s, baz=313, slow=37	34.64	96	LR	LR	06 58 59.2
CLR	Clock River, baz=300	34.72	30	P	P	06 44 21.6 -0.3
GAC	Glen Almond, baz=300	35.00	75	P	P	06 44 24.1 -0.5
TRQ	Mont Tremblant, baz=300	35.37	74	P	P	06 44 27.9 0.0
TRQ	Mont Tremblant, baz=300	35.37	74	eP	P	06 44 28.3 +0.4
GOGA	Godfrey, comp=Z,14nm,1.2s	36.21	99	eP	Pmax	06 44 35.1 -0.1
GOGA	Godfrey, comp=Z,14nm,1.2s	36.21	99	eP	P	06 44 35.1 -0.1
KMSC	Kings Mountain, comp=Z,39nm,1.5s	36.55	95	eP	P	06 44 38.4 +0.3
FRNY	Flat Rock, comp=Z,28nm,1.7s	36.58	75	P	P	06 44 38.3 +0.1
DAQ	Lac Daran, comp=Z,28nm,1.7s	36.74	70	P	P	06 44 39.8 +0.2
SCHO	Schefferville, comp=Z,12nm,1.1s, baz=261, slow=9.8, SNR=4.4	36.98	57	P	P	06 44 41.7 +0.1
SCHO	Schefferville, comp=Z,2nm,18.2s, baz=295, slow=37	36.98	57	P	LR	07 00 23.5
SCHO	Schefferville, comp=Z,26nm,1.3s	36.98	57	eP	P	06 44 42.7 +1.1
IP04	Greensprings, comp=Z,18nm,1.3s	36.99	88	eP	P	06 44 43.1 +1.4
IP03	comp=Z,23nm,1.3s	37.09	88	eP	P	06 44 44.0 +1.4
JSC	Jenkinsville, comp=Z,23nm,1.3s	37.12	96	eP	Pmax	06 44 43.8 +0.9
JSC	Jenkinsville, comp=Z,28nm,1.4s	37.12	96	eP	Pmax	06 44 43.8 +0.9
JSC	Jenkinsville, comp=Z,28nm,1.4s	37.12	96	eP	P	06 44 43.8 +0.9
IP07	Quail, comp=Z,28nm,1.2s	37.16	88	eP	P	06 44 44.8 +1.8
IP06	Yancey, comp=Z,25nm,1.2s	37.16	88	eP	P	06 44 44.9 +1.7
IP01	Cuckoo, comp=Z,23nm,1.3s	37.19	88	eP	P	06 44 45.2 +1.8
CVRD	Centerville Ro, comp=Z,69nm,2.0s	37.20	88	eP	P	06 44 45.2 +1.7
MOQ	Moqui, comp=Z,2.8nm,0.4s, baz=89, slow=1.1, SNR=6.0	37.21	74	P	P	06 44 42.9 -0.8
IP05	Hopewell Church, comp=Z,1.8nm,1.1s	37.36	88	eP	P	06 44 46.5 +1.6
A54	Misere, baz=300	37.46	70	P	P	06 44 46.0 +0.3
A21	Saint Andre, baz=300	37.80	69	P	P	06 44 49.4 +0.9
ICQ	Pointe Anglais, baz=300	38.15	66	P	P	06 44 51.6 +0.2
SMQ	Clarke City, baz=300	38.64	64	P	P	06 44 55.3 +0.6
GSQ	Grosses Roches, baz=300	38.68	66	P	P	06 44 55.0 -0.3
PKME	Peaks-Kenny Pk, baz=300	39.10	73	eP	P	06 44 57.7 +0.1
BATG	Bathurst New B, comp=Z,40nm,1.7s	40.21	68	P	P	06 44 58.8 -0.7
SFJD	Kangerlussuaq, comp=Z,2.75nm,18.3s, baz=286, slow=36	41.46	35	LR	LR	07 02 25.6
SEY	Seymchan, comp=Z,0.8nm,0.4s, baz=89, slow=1.1, SNR=6.0	43.79	319	P	P	06 45 35.6 -2.1
SUMG	Summit, comp=Z,3.6nm,1.1s	43.97	26	eP	Pmax	06 45 40.1 +0.5
SUMG	Summit, comp=Z,3.6nm,1.1s	43.97	26	iP	P	06 45 40.1 +0.5
PETK	Petrovavskovsk, comp=Z,3.8nm,0.9s, baz=91, slow=12, SNR=3.7	45.09	305	P	P	06 45 45.9 -2.4
MA2	Magadan, comp=Z,2.0nm,0.4s, baz=89, slow=1.1, SNR=6.0	45.80	315	iP	P	06 45 55.4 +1.6
DAG	Danmarks Havn, comp=Z,1.3nm,0.9s	46.97	17	iP	Pmax	06 46 02.3 -0.5
DAG	Danmarks Havn, comp=Z,1.3nm,0.9s	46.97	17	iP	P	06 46 02.3 -0.5
TIXI	Tiksi, comp=Z,1.1nm,0.2s, baz=92, slow=9.4, SNR=3.0	48.30	336	P	P	06 46 11.6 -1.6
TIXI	Tiksi, comp=Z,1.1nm,0.2s, baz=92, slow=9.4, SNR=3.0	48.30	336	iP	Pmax	06 46 11.6 +3.6
SPITS	Spitsbergen, comp=Z,8.0nm,1.4s	51.25	9	LR	LR	07 09 29.6
JTS	JuntasAbangare, comp=Z,1.13nm,18.6s, baz=170, slow=37	52.46	123	LR	LR	07 11 41.9
BORG	Borgarnes, comp=Z,1.86nm,20.1s, baz=92, slow=39	53.16	31	LR	LR	07 10 23.8
YAK	Yakutsk, comp=Z,1.7nm,1.1s	53.43	325	eP	Pmax	06 46 54.6 +2.7
YAK	comp=Z,1.7nm,1.1s				Pmax	
YAK	comp=Z,1.7nm,1.1s				Pmax	
YAK	comp=Z,1.7nm,1.1s				Pmax	
YAK	comp=Z,1.7nm,1.1s				Pmax	
YAK	comp=Z,1.7nm,1.1s				Pmax	
YSS	Yuzh-Sakhalins, comp=Z,2.8nm,20.0s	56.50	305	iP	Pmax	06 47 17.8 +3.5
YSS	YSS, comp=Z,2.8nm,20.0s				Pmax	
GRNR	Gornyy, comp=Z,7.0nm,0.5s	57.41	311	eP	P	06 47 24.0 +3.2
TAOE	Nuku Hiva Isla, comp=Z,412nm,25.0s	58.60	194	eLR	LR	07 04 38.5
H112	WAKE ISLAND Hy 59.25 265 T			T	T	07 51 15.2
H113	WAKE ISLAND Hy 59.25 265 T			T	T	07 51 30.9
H111	WAKE ISLAND Hy 59.27 265 T			T	T	07 51 32.1
ARCES	ARCCESS Array B, comp=Z,1.14nm,18.6s, baz=358, slow=38	60.19	11	LR	LR	07 15 05.1
H11S1	WAKE ISLAND Hy 60.26 264 T			T	T	07 52 30.6
H11S2	WAKE ISLAND Hy 60.26 264 T			T	T	07 52 45.1
H11S3	WAKE ISLAND Hy 60.27 264 T			T	T	07 52 36.9
SDV	Santo Domingo, comp=Z,9.9nm,20.2s, baz=252, slow=39	62.03	110	LR	LR	07 18 04.0
BOD	Bodaibo, comp=Z,2.9nm,1.3s	62.06	328	eP	Pmax	06 47 48.2 -4.4
BOD	BOD, comp=Z,2.9nm,1.3s				Pmax	
ROSC	El Rosal, comp=Z,4.3nm,18.1s, baz=262, slow=40	62.98	116	LR	LR	07 19 49.3
OUL	Oulu, comp=Z,1.13nm,18.6s, baz=170, slow=37	64.45	12	P	P	06 48 12.7 +4.4
PCRV	Puerto La Cruz, comp=Z,1.9s, baz=323, slow=38	64.83	104	LR	LR	07 19 02.6
NB2	NORSAR Subarra, comp=Z,1.9nm,1.4s, baz=332, slow=6.5	65.47	21	P	P	06 48 14.4 -0.7
NOA	NORSAR Array B, comp=Z,2.1nm,0.9s, baz=332, slow=6.6, SNR=3.3	65.47	21	P	P	06 48 14.7 -0.5
NOA	NOA, comp=Z,1.23nm,20.4s, baz=350, slow=35				P	06 48 21.0 +2.8
MAJO	Matsushiro, comp=Z,1.0nm,1.3s	66.20	31	LR	LR	07 15 53.1
MAJO	MAJO, comp=Z,1.0nm,1.3s				Pmax	
EKA	Eskdalemir Ar, comp=Z,2.64nm,18.8s, baz=340, slow=35	66.84	20	P	P	06 48 23.2 -0.6
HFS	Hagfors, comp=Z,0.9nm,0.5s, baz=2.9, slow=5.8, SNR=3.6	66.84	20	P	P	06 48 23.2 -0.6

Table with columns: KAPS, KZ, KBK, CHMS, AAK, AAK, AAK, KK31. Includes station names, coordinates, and times.

ATH 16 07:24:05.9, 36.56N, 25.78E, h27km, 2km, ML2.9/5, Error ellipse: s-maj=3.4km s-min=1.6km az=224.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CMBO, THR2, THR8, SFIR, THR7, THR3, SANT, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SANT, SANT, SANT, SAP3, APE, APE, THRS, THRS, THRS, MHLA, MHLA, MHLA, etc.

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

IDC 16 07:34:32.6, 48.0, 16.12S, 175.48W, h0km, mb4.5/3, mb1 4.7/3, mb1mx3.7/52, mbmtmp4.5/3, Error ellipse: s-maj=90.43km s-min=164.2km az=78.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like STKA, WRA, ASAR, IDC, H46RU, ZALV, ZALV, KURBB, KURBB, AAK, AAK, AAK, etc.

MEX 16 07:37:45.3, 0.6, 14.49N, 93.22W, h16km, 53km, MD4.0, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PCIG, CCIG, TGIG, IDC, RPZ, STKA, ASAR, WRA, etc.

IASPEI 16 08:05:12.2, 0.9, 32.92N, 0.02, 116.23W, 0.02, h15km, 6km, Error ellipse: s-maj=3.0km s-min=2.7km az=5.0

ECX 16 08:05:14.0, 0.6, 32.88N, 116.25W, h7km, MD2.5, ML2.7, Error ellipse: s-maj=3.0km s-min=2.7km az=5.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CBKC, MONP2, IKP, IKP, IKP, RMX, RMX, RMX, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SWSC, YUH, BAR, BAR, WESC, WESC, TJJG, SDR3, DREC, CBX, PFO, PFO, 109C, 109C, BC3, BC3, MURC, MURC, BELC, BELC, etc.

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

IDC 16 08:11:49.9, 2.9, 54.19N, 86.47E, h0km, mb1 3.0/2, mb1mx2.8/79, mbmtmp3.0/2, ML2.4/2, Error ellipse: s-maj=23.2km s-min=13.5km az=59.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H46RU, ZALV, ZALV, KURBB, KURBB, MKAR, MKAR, IDC, etc.

mb1mx2.6/85, mbmtmp2.8/2, ML2.3/2, Error ellipse: s-maj=27.4km s-min=15.7km az=67.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like I46RU, ZALV, ZALV, KURBB, KURBB, MKAR, MKAR, etc.

ISN 16 08:25:46.9, 1.2, 37.82N, 43.05E, h0km, 4km, ML3.6, CSEM 16 08:25:47.9, 0.2, 37.81N, 43.06E, h2km, ML3.6, Error ellipse: s-maj=4.0km s-min=3.6km az=116.0

ISK 16 08:25:48.2, 37.83N, 43.02E, h9km, ML3.7/14, DDA 16 08:25:48.2, 37.84N, 43.00E, h25km, ML3.6, Error ellipse: s-maj=4.0km s-min=3.6km az=116.0

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

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

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

ISN 16 08:30:27.3, 0.8, 21.5N, 0.1, 143.3E, 0.2, h300km, mb3.5/10, Error ellipse: s-maj=30.2km s-min=14.3km

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JCJ, MJAR, KSRS, KLR, WRA, ASAR, ZALV, MKAR, MKAR, etc.

Table with columns: SCPH, MSPL, BUKP, DAV, PLP, TBP, BESP, LLP, CNP, RCP, WRA, ASAR, KLR, MKAR, KURBB, SPITS, ARCES, YKA, TORD. Includes station names, coordinates, and various parameters.

IDC 16:08:52:23.4.999.0.4971N-53:44E, h0km, Error ellipse: s-maj=1781.0km s-min=61.3km az=75.0, Western Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AKTYUBINSK INF, ZALESOVO INFRA, SONGINO INFRA.

IDC 16:09:02:52.7.3.0.53:55N-87:72E, h0km, mb1 3.2/2, mb1mx2.8/7.1, mbtmpp3.2/2, ML2.9/2, 1C-2D, Error ellipse: s-maj=32.3km s-min=18.0km az=83.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZALESOVO INFRA, ZALV, ZALV, KURBB, KURBB, MK31, MKAR, MKAR, MKAR.

ISCJB 16:09:30:15.7.0.5.37:23N-0:04-28:63E, h0km, Error ellipse: s-maj=6.8km s-min=3.8km az=156.4

CSEM 16:09:30:15.9.0.3.37:37N-28:50E, h1km, MD2.8, Error ellipse: s-maj=9.4km s-min=4.9km az=133.0, Suspected Mining explosion.

DDA 16:09:30:15.4.37:20N-28:65E, h7km, ML2.7, Suspected Mining explosion.

ISK 16:09:30:15.1.37:19N-28:67E, h11km, MD2.8/1, ISC 16:09:30:15.4.0.8.37:31N-0:03-28:63E, h0km, n29, c=677/37, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DENIZLI Tavas, DENIZLI Tavas, YER, YER, YER, TURUN, TURUN, TURUN, DENIZ, DENIZ, AYDN, AYDN, AYDN, GOLH, GOLH, DATC, DATC, DATC, BDRM, BDRM, BRDR, BRDR, KHAL, KHAL, KORT, KORT, KZIL, KZIL, AFYON, AFYON, DEMI, DEMI, KARP, KARP, KARP, KARP.

IDC 16:09:32:12.4.3.0.7:25S-117:77E, h0km, mb3.0/3, mb1 3.3/3, mb1mx3.1/3, mbtmpp3.1/3, MS2.7/1, Ms1 2.7/1, ms1mx2.2/1.6, Error ellipse: s-maj=263.3km s-min=25.4km az=51.0

ISCJB 16:09:32:20.3.1.6.7:97S-0:09-118:11E, h33km, mb3.4/2, Error ellipse: s-maj=17.8km s-min=10.2km az=32.5

DJA 16:09:32:20.6.0.5.8:33S-111:8E, h10km, M3.6/6, MLV3.6/6, ISC 16:09:32:18.6.1.4.7.90S-0:08-117:01E, h35km, n7, c=1582/8, Bali Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PLAI, WBSI, BSSI, SUJ, WRA, ASAR, MKAR.

IDC 16:09:35:41.2.3.4.54:22N-87:40E, h0km, mb1 2.8/2, mb1mx2.7/7.5, mbtmpp2.8/2, ML2.4/2, Error ellipse:

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZALESOVO INFRA, ZALV, ZALV, KURBB, KURBB, MKAR, MKAR.

IDC 16:09:36:04.6.1.8.36:70N-141:169E, h0km, mb3.4/5, mb1 3.5/6, mb1mx3.3/68, mbtmpp3.4/6, ML3.1/1, Error ellipse: s-maj=47.0km s-min=22.9km az=55.0

JMA 16:09:36:05.0.2.36:36N-141:64E, h49km, M3.0, ISC 16:09:36:08.3.1.2.36:43N-141:38E, h0km, n16, c=245/45, mb3.4/5, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Hitachi, Iwakimizuishi, ONAJ, ONAJ, JMK, JMK, JFT, JFT, JAG, JAG, JFY, JFY, JKT, JKT, MJAR, MJAR, MAT, MAT, SONM, SONM, MKAR, MKAR, KURBB, KURBB, WRA, WRA, ASAR, ASAR.

DJA 16:09:59:19.0.0.7.8:5S-111:8E, h10km, M3.4/5, MLV3.4/5, ISC 16:09:59:32.2.2.1.8:05S-119:31E, h0km, mb3.2/2, mb1 3.4/4, mb1mx3.2/60, mbtmpp3.2/4, ML2.9/2, MS3.5/1, Ms1 3.5/1, ms1mx2.5/17, Error ellipse: s-maj=188.1km s-min=25.4km az=53.0

ISC 16:09:59:17.4.3.5.8:05S-0:2-118:2E, h10km, n6, c=140/7, Flores Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PLAI, WBSI, FITZ, FITZ, WRA, WRA, MKAR, MKAR.

ISCJB 16:10:02:06.9.0.5.38:81N-0:02-39:03E, h4km, 7km, Error ellipse: s-maj=5.0km s-min=3.8km az=19.6

CSEM 16:10:02:06.8.0.1.38:79N-39:04E, h10km, MD2.6, Error ellipse: s-maj=2.7km s-min=2.4km az=118.0

ISK 16:10:02:06.3.38:79N-39:02E, h0km, MD2.6/2, DDA 16:10:02:06.7.10:02S-139:03E, h7km, ML2.4, ISC 16:10:02:07.1.0.9.38:80N-0:02-39:04E, h0km, n15, n24, c=60/44, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PERTEK, PERTEK, ELZG, ELZG, SVRC, SVRC, SVRC, SVRC, TNCL, TNCL, TNCL, TNCL, KEMA, KEMA, KEMA, KEMA, MALT, MALT, MALT, MALT, ILIC, ILIC, ILIC, ILIC, AKCAD, AKCAD, AKCAD, AKCAD, DARE, DARE, DARE, DARE, CUKAN, CUKAN, KELT, KELT, KELT, KELT, SVSK, SVSK, SVSK, SVSK.

NIED 16:10:07:00.37:10N-142:40E, h14km, Mw3.6 Best double couple: M2.680000*1014 NP1.2e29.000000, 8.900000, -1.60.000000, NP2.7e18.000000, 882.000000, -1.95.000000

JMA 16:10:07:45.3.0.3.37:07N-142:44E, h12km, 5km, M3.0, ISCJB 16:10:07:46.3.0.3.37:09N-142:41E, h10km, h10km, mb3.5/5, Error ellipse: s-maj=6.9km s-min=5.9km az=32.7

IDC 16:10:07:47.3.1.4.37:14N-142:34E, h0km, mb3.5/5, mb1 3.7/7, mb1mx3.4/75, mbtmpp3.6/7, ML3.6/2, MS2.7/1, Ms1 2.7/1, ms1mx2.3/49, Error ellipse: s-maj=26.2km s-min=24.9km az=112.0

ISC 16:10:07:48.6.1.0.37:15N-105:142:28E, h12km, n25, c=134/27, mb3.4/5, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JNK, ONAJ, JMM, JMM, JHO, JHO.

Table with columns: JIO, JIO, JFT, JOU, JFY, JYK, JAG, JOM, MJAR, MJAR, MJAR, MJAR, JHJ, JHJ, H1N2, H1N2, H1N1, H1N1, SONM, H1S1, H1S3, H1S2, MKAR, KURBB, ILAR, WRA, MAN, MAN, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Otama, Okura, Yanaizu, Kaneyama, Ashikaga, Matsushiro, Hachiojima, WAKE ISLAND Hy 27.62, WAKE ISLAND Hy 27.62, WAKE ISLAND Hy 27.62, Songoing Array, WAKE ISLAND Hy 28.34, WAKE ISLAND Hy 28.34, WAKE ISLAND Hy 28.34, Eielson Array, WARRUNGUNGA ARR.

MAN 16:10:26:31.10:24N-123:34E, h32km, mb4.0, ML2.8, MS2.4, 1C-1D, Cebu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LLP, LLP, TBP, TBP, GUIM, GUIM, SNPH, SNPH, RCP, RCP, MSLP, MSLP.

IDC 16:10:39:17.6.2.3.54:23N-86:05E, h0km, mb1 3.2/2, mb1mx2.9/7.7, mbtmpp3.2/2, ML3.0/2, 1C-2, Error ellipse: s-maj=17.4km s-min=10.8km az=55.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZALESOVO INFRA, ZALESOVO INFRA, ZALV, ZALV, KURK, KURK, KURK, KURK, KURBB, KURBB, MK31, MK31, MK31, MK31, MKAR, MKAR, MKAR, MKAR.

ISCJB 16:10:42:27.9.0.5.27:04S-105:147:86E, h0.05, h10km, mb3.4/1, Error ellipse: s-maj=8.0km s-min=5.5km az=154.7

AUST 16:10:43:30.1.1.2.27:05S-147:98E, h0km, Error ellipse: s-maj=0.3km s-min=0.1km az=104.0

IDC 16:10:43:34.7.4.6.26:84S-147:20E, h0km, mb3.3/1, mb1 3.8/5, mb1mx3.6/42, mbtmpp3.6/5, ML3.6/4, Error ellipse: s-maj=57.2km s-min=23.7km az=104.0

ISC 16:10:42:27.9.1.0.27:02S-108:148:06E, h0.06, h10km, n15, c=25/17/18, Queensland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RMQ, RMQ, EIDS, QLP, QLP, ARMA, ARMA, CMSA, MGCD, CTA, CTA, STKA, STKA, STKA, STKA, HTT, HTT, ASAR, ASAR, WBA, WBA, WRA, WRA, FITZ, FITZ.

MEX 16:10:51:41.1.0.3.19:33N-103:19W, h112km, 3km, MD3.9, Jalisco

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EZZV, EZZV, MMV, MMV, CJM, CJM, MOIG, MOIG.

16d 13h

Table of astronomical observations for 16d 13h, listing station names, codes, and various parameters like elevation and time.

2012 FEB

Main table of astronomical observations for 2012 FEB, listing station names, codes, and various parameters like elevation and time.

930

Table of astronomical observations for 930, listing station names, codes, and various parameters like elevation and time.

AAK Ala-Archa 52.45 299 LR LR 17 00 01.3
comp=Z.21m,19.0s,baz=278,slow=38
WRA Warrunganga Arr 58.34 192 P P 16 36 56.9 -0.7
0.3m,0.7s,baz=11,slow=7.3,SNR=3.5

THE 16:16:43:37.9,36°62'N-25°70'E,h0km,1km,ML2.5/6,Error ellipse: s-maj=1.3km s-min=0.6km az=129.0
ATH 16:16:43:37.8,36°63'N-25°66'E,h20km,2km,ML2.5/7,Error ellipse: s-maj=2.8km s-min=1.0km az=252.0
CSEM 16:16:43:38.7,0.2,36°59'N-25°63'E,h10km,ML2.5,Error ellipse: s-maj=4.8km s-min=3.7km az=132.0
ISCJB 16:16:43:39.2,0.4,36°60'N-02:25:64E,0.03,h10km,4km,Error ellipse: s-maj=4.6km s-min=3.8km az=30.0
DDA 16:16:43:39.2,36°70'N-25°71'E,h7km,Md2.9
ISC 16:16:43:38.5,0.6,36°63'N-02:25:67E,0.02,h15km,7km, m60,az=77/97,Decadence Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
THR2	Thira Island,	0.26 225	P	Pg	16 43 43.9	-0.3	
THR2	Thira Island,	0.26 225	P	Pg	16 43 43.8	-0.3	
THR2	Thira Island,	0.26 225	P	Pg	16 43 43.8	-0.3	
CMBO	Columbo, Santo	0.26 233	S	Sg	16 43 48.2	+0.2	
CMBO	Columbo,		AML	AML	16 43 50.7		
CMBO	comp=N,1638um,0.2s		AML	AML	16 43 52.8		
CMBO	comp=E,1132um,0.2s	0.26 233	P	Pg	16 43 43.4	-0.7	
CMBO	Columbo, Santo	0.26 233	S	Sg	16 43 48.2	+0.2	
CMBO	Columbo, Santo	0.26 233	S	Sg	16 43 43.4	-0.7	
CMBO	Columbo, Santo	0.26 233	S	Sg	16 43 48.8	+0.8	
CMBO	Columbo, Santo	0.26 233	S	Sg	16 43 43.4	-0.7	
THR8	Santorini-Mono	0.27 214	P	Pg	16 43 43.6	-0.6	
THR8	Santorini-Mono	0.27 214	P	Pg	16 43 43.6	-0.6	
THR8	Santorini-Mono	0.27 214	P	Pg	16 43 43.6	-0.6	
SAP2K	Karterados	0.28 219	P	Pg	16 43 44.1	-0.4	
SAP2K	Karterados	0.28 219	S	Sg	16 43 48.7	+0.2	
SAP2K	Karterados	0.28 219	AML	AML	16 43 52.8	-1.1	
SAP2K	comp=E,5340um,0.3s		AML	AML	16 43 54.1		
SAP2K	comp=N,4297um,0.3s	0.28 219	P	Pg	16 43 44.1	-0.4	
SAP2K	Foira Santorini	0.28 223	P	Pg	16 43 44.1	-0.4	
SF1R	Foira Santorini	0.28 223	P	Pg	16 43 44.1	-0.4	
THR7	Fira-Santorini	0.28 223	P	Pg	16 43 44.6	+0.2	
THR7	Fira-Santorini	0.28 223	P	Pg	16 43 44.1	-0.4	
THR7	Fira-Santorini	0.28 223	P	Pg	16 43 44.1	-0.4	
SAP4	Santorini-Oia	0.28 237	P	Pg	16 43 44.5	0.0	
SAP4	Santorini-Oia	0.28 237	P	Pg	16 43 44.5	0.0	
SAP4	Santorini-Oia	0.28 237	P	Pg	16 43 44.5	0.0	
SAP4	Santorini-Oia	0.28 237	P	Pg	16 43 48.7	+0.1	
THR3	Thira Island,	0.31 224	P	Pg	16 43 44.9	0.0	
THR3	Thira Island,	0.31 224	P	Pg	16 43 44.7	-0.2	
THR3	Thira Island,	0.31 224	P	Pg	16 43 44.7	-0.2	
SANT	Santorini	0.31 213	S	Sg	16 43 44.1	-0.3	
SANT	Santorini	0.31 213	S	Sg	16 43 48.9	-0.4	
SANT	Santorini	0.31 213	AML	AML	16 43 51.2		
SANT	comp=N,1772um,0.2s		AML	AML	16 43 53.3		
SANT	comp=E,2492um,0.1s	0.31 213	P	Pg	16 43 44.3	-0.6	
SANT	Santorini	0.31 213	P	Pg	16 43 48.9	-0.4	
SANT	Santorini	0.31 213	S	Sg	16 43 48.9	-0.4	
SANT	Santorini	0.31 213	S	Sg	16 43 44.3	-0.6	
TH1	Athinios (Pele)	0.31 218	P	Pg	16 43 48.9	-0.4	
TH1	Athinios (Pele)	0.31 218	P	Pg	16 43 48.9	-0.4	
TH1	Athinios (Pele)	0.31 218	P	Pg	16 43 48.9	-0.4	
TH1	Athinios (Pele)	0.31 218	P	Pg	16 43 48.9	-0.4	
TH1	Athinios (Pele)	0.31 218	P	Pg	16 43 48.9	-0.4	
THR6	Thira Island,	0.35 218	P	Pg	16 43 45.8	+0.2	
THR6	Thira Island,	0.35 218	P	Pg	16 43 44.1	-0.3	
THR6	Thira Island,	0.35 218	P	Pg	16 43 45.3	-0.3	
APE	Apeiranthos	0.45 346	P	Pg	16 43 46.0	-1.5	
APE	Apeiranthos	0.45 346	P	Pg	16 43 55.5	+0.8	
APE	Apeiranthos	0.45 346	AML	AML	16 43 57.0		
APE	comp=E,1374um,0.2s		AML	AML	16 43 57.6		
APE	comp=N,1877um,0.2s	0.45 346	P	Pg	16 43 46.6	-1.0	
APE	Apeiranthos	0.45 346	S	Sg	16 43 55.5	+0.8	
APE	Apeiranthos	0.45 346	S	Sg	16 43 55.5	+0.8	
APE	Apeiranthos	0.45 346	S	Sg	16 43 55.5	+0.8	
MHLA	Plaka, Milos I	1.01 277	P	Pg	16 44 10.8	-0.3	
MHLA	Plaka, Milos I	1.01 277	P	Pg	16 44 10.8	-0.3	
MHLA	Plaka, Milos I	1.01 277	P	Pg	16 44 10.8	-0.3	
MHLA	Plaka, Milos I	1.01 277	P	Pg	16 44 10.8	-0.3	
MHLA	Plaka, Milos I	1.01 277	P	Pg	16 44 10.8	-0.3	
MHLO	Agia Marina, M	1.02 274	P	Pg	16 44 11.2	-0.3	
MHLO	Agia Marina, M	1.02 274	P	Pg	16 44 11.2	-0.3	
MHLO	Agia Marina, M	1.02 274	P	Pg	16 44 11.2	-0.3	
MHLO	Agia Marina, M	1.02 274	P	Pg	16 44 11.2	-0.3	
MHLO	Agia Marina, M	1.02 274	P	Pg	16 44 11.2	-0.3	
MHLO	comp=N,1105um,0.7s		AML	AML	16 44 15.6		
MHLO	comp=E,1194um,0.5s	1.02 274	P	Pg	16 43 58.1	-0.1	
MHLO	Agia Marina, M	1.02 274	P	Pg	16 44 11.2	-0.3	
MHLO	Agia Marina, M	1.02 274	P	Pg	16 43 58.1	-0.1	
MHLO	Agia Marina, M	1.02 274	P	Pg	16 44 12.9	+1.9	
SERI	Serifos	1.08 300	S	Sg	16 44 09.4	+0.5	
SERI	Serifos	1.08 300	S	Sg	16 44 11.4	+2.2	
SERI	Serifos	1.08 300	AML	AML	16 44 15.2		
SERI	comp=N,543um,0.2s		AML	AML	16 44 15.3		
SERI	comp=E,380um,0.3s	1.08 300	P	Pb	16 43 59.4	+0.5	
NPS	Neapolis	1.37 182	P	Pb	16 44 04.2	+0.5	
NPS	Neapolis	1.37 182	P	Pb	16 44 22.6	+0.1	
NPS	Neapolis	1.37 182	P	Pb	16 44 03.1	+0.1	
NPS	Neapolis	1.37 182	P	Pb	16 44 21.5	+0.5	
NPS	Neapolis	1.37 182	P	Pb	16 44 05.0	+0.2	
SMG	Samos	1.43 41	P	Pb	16 44 04.9	+0.2	
SMG	Samos	1.43 41	P	Pb	16 44 23.9	+0.6	
SMG	Samos	1.43 41	P	Pb	16 44 23.9	+0.6	
SMG	Samos	1.43 41	P	Pb	16 44 23.9	+0.6	
SMG	Samos	1.43 41	P	Pb	16 44 23.9	+0.6	
BDRM	Kayabasi	1.49 73	P	Pg	16 44 06.7	-0.5	
BDRM	Kayabasi	1.49 73	P	Pg	16 44 25.9	+0.6	
BDRM	Kayabasi	1.49 73	P	Pg	16 44 06.7	-0.5	
BDRM	Kayabasi	1.49 73	P	Pg	16 44 25.9	+0.6	
BDRM	Kayabasi	1.49 73	P	Pg	16 44 06.7	-0.5	
ZKR	Zakros	1.58 163	P	Pb	16 44 05.3	+0.3	
ZKR	Zakros	1.58 163	P	Pb	16 44 24.6	-1.4	
ZKR	Zakros	1.58 163	AML	AML	16 44 30.3		
ZKR	comp=E,194um,0.3s		AML	AML	16 44 31.6		
ZKR	comp=N,82um,0.6s	1.58 163	P	Pb	16 44 06.4	+0.5	
ZKR	Zakros	1.58 163	P	Pb	16 44 24.6	-1.4	
ZKR	Zakros	1.58 163	P	Pb	16 44 06.4	+0.5	
KARP	Karpathos	1.62 131	P	Pb	16 44 05.3	-1.3	
KARP	Karpathos	1.62 131	P	Pb	16 44 05.3	-1.3	
GCAM	G?zelcamI?	1.65 49	P	Pb	16 44 08.5	0.0	
GCAM	G?zelcamI?	1.65 49	P	Pb	16 44 32.3	+0.8	
GCAM	G?zelcamI?	1.65 49	P	Pb	16 44 08.5	0.0	
GCAM	G?zelcamI?	1.65 49	P	Pb	16 44 32.3	+0.8	
GCAM	G?zelcamI?	1.65 49	P	Pb	16 44 08.5	0.0	
DGB	zmir	1.72 34	P	Pg	16 44 10.5	+0.8	
DGB	zmir	1.72 34	P	Pg	16 44 10.5	+0.8	
DGB	zmir	1.72 34	P	Pg	16 44 10.5	+0.8	
DGB	zmir	1.72 34	P	Pg	16 44 10.5	+0.8	
DGB	zmir	1.72 34	P	Pg	16 44 10.5	+0.8	
ZEY	zmir	1.74 22	P	Pg	16 44 12.1	+0.2	
ZEY	zmir	1.74 22	P	Pg	16 44 33.5	+0.9	
URLA	Izmir	1.88 23	P	Pb	16 44 11.6	+1.5	
URLA	Izmir	1.88 23	P	Pb	16 44 37.7	-1.2	
URLA	Izmir	1.88 23	P	Pb	16 44 11.6	+1.5	
URLA	Izmir	1.88 23	P	Pb	16 44 37.7	-1.2	
URLA	Izmir	1.88 23	P	Pb	16 44 11.6	+1.5	
AYDN	Tasoluk	2.05 59	P	Pb	16 44 16.4	+1.0	
AYDN	Tasoluk	2.05 59	P	Pb	16 44 46.2	+1.9	
AYDN	Tasoluk	2.05 59	P	Pb	16 44 16.4	+1.0	

MAN 16:16:49:19,10:12N-123:20E,h1km,mb3.5,ML2.2,MS1.6,
1C,Cebu

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
SNPH	Sibulan	0.77 177	P	Pb	16 49 35.0	-0.3	
SNPH	Sibulan	0.77 177	P	Pb	16 49 35.0	-0.3	
SNPH	Sibulan	0.77 177	P	Pb	16 49 35.0	-0.3	
SNPH	Sibulan	0.77 177	P	Pb	16 49 35.0	-0.3	
SNPH	Sibulan	0.77 177	P	Pb	16 49 35.0	-0.3	
LLP	Lapu-Lapu	0.78 75	P	Pb	16 49 35.1	-0.2	
LLP	Lapu-Lapu	0.78 75	P	Pb	16 49 35.1	-0.2	
LLP	Lapu-Lapu	0.78 75	P	Pb	16 49 35.1	-0.2	
LLP	Lapu-Lapu	0.78 75	P	Pb	16 49 35.1	-0.2	
LLP	Lapu-Lapu	0.78 75	P	Pb	16 49 35.1	-0.2	
TBP	Tagbilaran	0.78 123	P	Pb	16 49 43.2	+6.1	
TBP	Tagbilaran	0.78 123	P	Pb	16 49 43.2	+6.1	
TBP	Tagbilaran	0.78 123	P	Pb	16 49 43.2	+6.1	
TBP	Tagbilaran	0.78 123	P	Pb	16 49 43.2	+6.1	
TBP	Tagbilaran	0.78 123	P	Pb	16 49 43.2	+6.1	
GUIM	Jordan	1.73 30	P	Pb	16 49 35.2	-0.2	
MSLP	Maasin	1.68 89	P	Pb	16 49 49.6	-0.4	
MSLP	Maasin	1.68 89	P	Pb	16 49 49.6	-0.4	
MSLP	Maasin	1.68 89	P	Pb	16 49 49.6	-0.4	
MSLP	Maasin	1.68 89	P	Pb	16 50 11.7	+0.2	

MAN 16:16:50:18,9:78N-123:02E,h28km,mb4.4,ML3.3,MS3.1,
3C-10,Negros

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
SNPH	Sibulan	0.49 154	P	Pb	16 50 29.8	+0.6	
SNPH	Sibulan	0.49 154	P	Pb	16 50 29.8	+0.6	
SNPH	Sibulan	0.49 154	P	Pb	16 50 29.8	+0.6	
TBP	Tagbilaran	0.84 96	P	Pb	16 50 34.0	+0.4	
TBP	Tagbilaran	0.84 96	P	Pb	16 50 34.0	+0.4	
TBP	Tagbilaran	0.84 96	P	Pb	16 50 34.0	+0.4	
TBP	Tagbilaran	0.84 96	P	Pb	16 50 34.0	+0.4	
TBP	Tagbilaran	0.84 96	P	Pb	16 50 34.0	+0.4	
GUIM	Jordan	0.94 333	P	Pb	16 50 46.3	+1.0	
GUIM	Jordan	0.94 333	P	Pb	16 50 46.3	+1.0	
GUIM	Jordan	0.94 333	P	Pb	16 50 46.3	+1.0	
GUIM	Jordan	0.94 333	P	Pb	16 50 46.3	+1.0	
GUIM	Jordan	0.94 333	P	Pb	16 50 46.3	+1.0	
LLP	Lapu-Lapu	1.07 60	P	Pb	16 50 36.9	-0.3	
LLP	Lapu-Lapu	1.07 60	P	Pb	16 50 36.9	-0.3	
LLP	Lapu-Lapu	1.07 60	P	Pb	16 50 36.9	-0.3	
LLP	Lapu-Lapu	1.07 60	P	Pb	16 50 36.9	-0.3	
LLP	Lapu-Lapu	1.07 60	P	Pb	16 50 36.9	-0.3	
DCPH	Dipolog City	1.24 165	P	Pb	1		

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like White River Ci, AHID Auburn Hatcher, EGMT Eagleton, HIOCA LAC DU BONNET, ULM Lac du Bonnet, YKA Yellowknife Ar, ARCES ARCESS Array B, MKAR Makanchi Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNPH Sibulan, TBP Tagbilaran, LLP Lapu-Lapu, GUIM Jordan, MSLP Maasin.

MAN 16:19:38.982N;123.18E, h32km, mb3.9, ML2.7, MS2.3, 1D, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, ASAR Alice Springs, WRA Warramunga Arr, TXAR Lajitas Array, ILAR Eielson Array, CMAR Chiang Mai Arr.

ISCJJB 16:19:20:43.3:0.4, 24.67N;0.02:122.54E;0.02, h4km, 2.3km, Error ellipse: s-maj=4.3km s-min=2.3km az=14.6

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JYNG Yonagunijimaku, YOJ Yonaguni jima, TWC Suao, TWB1 Santiaio Chiao, ENAH Nanao, NTC Toucheng, TIPB Shuangxi, ENA Nanao, ENA Neicheng, ENT1 Nioudou, TWA Mucha, NWL1 Wu-fen Shan, ENT2 Nioudou, NTL1 Wulai, NWL2 Wulai, YM10 YM10, YM12 YM12, YM04 YM04, NNS Nan Shan, NNS YM03, NSK Sanguang, NSK IRIF, TWS1 Kuangyinsan, TWS1 Danshui, TWS1 Hehuan Shan, HATJ Hateruma jima, ESL Shilin, TWT Tachien, TWT Guangfu, EGFH Lake Whitney.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JKRS Kuro-shima, LIOB Emei, NSTT Nanjiang, OWD Renai, JUI Ishigaki jima, DPDB Guoxing, JISG Ishigakijimahi, SMLT Sun Moon Lake, SMLT Alishan, ALS Alishan, CHNS Tsaushan, WTP Ta-pu, CHN1 Nanshi, SGST Jiashan, SLGT Liugu, SLGT Tsaushan.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHN4 Tsaushan, WTP Ta-pu, CHN1 Nanshi, SGST Jiashan, SLGT Liugu, SLGT Tsaushan.

MAN 16:19:38:36;10.21N;125.56E, h13km, mb4.5, ML3.4, MS3.2, 1C-1D, Leyte

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SCPH Surigao, MSLP Maasin, PLP Palo, BUTP Butuan, BESS Borongan, LLP Lapu-Lapu, TBP Tagbilaran, BUKP Musuan, CNP Catarman.

ISCJJB 16:19:52:35.8:1.0, 8.63S; 123.70E, h0km, mb3.7/4, mb1 3.8/7, mb1mx3.6/5.1, mbtmp3.7/7, ML3.6/3, MS2.7/1, Ms1 2.7/1, ms1mx2.3/5.0, Error ellipse: s-maj=62.5km s-min=17.8km az=71.0

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, BATI Baumata, FITZ Fitzroy Crossi, WRA Warramunga Arr, WRA Warramunga Arr, LEM Lembang, ASAR Alice Springs, STKA Stephens Creek, SONM Songoing Array, MKAR Makanchi Array, GSPA South Pole Qui, TORD Tord Ar, Bea, ISCJJB 16:20:14:41.0:0.4, MEX 16:20:14:41.0:0.4, GCMT 16:20:14:41.0:0.3.

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CCIG Comitán, IXP Ixapac, TGBT Tuxtla Gutierrez, RTR El Retiro, SBL S San Blas, SNUE San Jose, MTO3 Montecristo, BOQS Boqueron, COLS Colinas, UUES San Salvador, SNET Serv Nac Est T, SNET Serv Nac Est T, OPAM San Salvador, SOYA Soyapango, CMIG Matias Romero, CMIG Matias Romero, CMIG Matias Romero, LFLU La Fuente, LBRS Las Brisas, LFRS El Faro, PAVA Las Pavas, SNI Vicente, TECA Tecapa, CAHU Cacahuatiqui, VSM San Miguel, SCIG Sabancuy, LOND La Cañada, CNCH Chichuc, TGUH Tegucigalpa, UN CRIN San Cristobal, ESTN Estel, MOMN Motolombo, COPN Copaltepe, LVIG Laguna Verde, XAVN Gruta Xavier, MGAN Managua, MATN Matagalpa, UNM Universidad Na, JTS Juntas Abangar, JTS Juntas Abangar, JTS Juntas Abangar, HDC Heredia, JRQG Juriquilla, MOIG Morelia, LNIG Linare, ZAIG Zacatecas, LVCY Glossos Villag, CBCY The Bluff, Cay, MTDJ Mount Denham, 833A Chaparral WMA, 441A Dredder, 446A Poplarville, 447A Lucedale, 341A Kurthwood, 342A Flagon Creek P, 435B Jarrell, 345A Thompson Farm, DWPF Disney Wildern, 346A Big Creek Wild, 451A Verno, 347A Saraland, 655A Horseshoe Beach, JCT Junction City, JCT Junction City, NATX Nacogdoches, 859A Kemper Cattle, 553A Crawfordville, 243A Waterproof, BRAL Brewton, BRAL Brewton, 757A Oxford, 348A Jackson, 241A Mo Tay, Golden, HPIG HPIG, 349A Repton, 242A Grayson, 244A Avera Jackson, 245A Little Ap, Sta, 452A Marianna, VBMS Vicksburg, VBMS Vicksburg, 350A Dozier, 758A Lake Helen, 247A Quitman, 351A Pinckard, 555A McAlpin, 657A Interlachen, 142A Monroe, 142X Lake Whitney, WHTX Lake Whitney.

NEIC Felt [V] at Tapachula. Also felt at Tuxtla Gutierrez. Felt at Guatemala and Quezaltenango, Guatemala. BUJ 16:20:14:43.3, 14:70N;92:50W, h94km, mb5.2/6 UCR 16:20:14:45.7:1.4, 14:61N;91.99W, h20km, 766km, ML4.3, mb4.9(NEIC) ISC 16:20:14:39.2:0.9, 14:59N;0.05:92.51W;0.05, h65km, 7km, n737, s1814/736, mb5.0/191, 1C-1D, Near coast of Chiapas

Table with columns: TXAR, Lajitas Array, 17.94 327 P, Pn, 20 18 45.5 +1.1, etc. Includes entries like TX31 Lajitas Ar. Si, 141A Papa Simpson, 556A Lake Butler, etc.

Table with columns: W46A, Michie, 20.80 10 P, Pn, 20 19 17.3 -0.9, etc. Includes entries like W46A Michie, W46A Michie, W46A Michie, etc.

Table with columns: TZTN, Tazewell, 23.29 19 P, P, 20 19 41.1 -0.4, etc. Includes entries like TZTN Tazewell, TZTN Tazewell, TZTN Tazewell, etc.

N40A	Mertquake, Sal	26.21	2	P	P	20 20 07.2	-0.8
N36A	Muff Farm, Cla	26.22	356	P	P	20 20 07.2	-0.8
N42A	Yates City	26.23	4	P	P	20 20 08.0	-0.2
S22A	4UR Ranch, Cre	26.34	334	P	P	20 20 10.5	+1.0
N44A	Piper City	26.39	7	P	P	20 20 08.7	-0.9
N33A	J Bar K, Exete	26.41	352	P	P	20 20 09.0	-0.8
N43A	Stutzman Famil	26.42	6	P	P	20 20 09.4	-0.5
JSRW	J. Sargeant Re	26.43	27	eP	P	20 20 10.2	+0.3
113A	Mohawk Valley,	26.49	317	eP	P	20 20 11.6	+1.0
IP07	Quail	26.55	26	eP	P	20 20 10.7	-0.3
IP06	Yanceyville	26.59	26	eP	P	20 20 11.5	+0.2
IP05	Hopewell Churc	26.60	27	eP	P	20 20 11.5	0.0
IP01	Cuckoo	26.64	26	eP	P	20 20 11.8	0.0
IP03	Louisa	26.64	26	eP	P	20 20 12.1	+0.2
MVCO	Mesa Verde	26.65	331	P	P	20 20 13.6	+1.3
MVCO	Mesa Verde	26.65	331	eP	P	20 20 14.2	+2.0
IP04	Greensprings	26.67	26	eP	P	20 20 12.5	+0.3
SPRD	Spring Road, M	26.70	26	eP	P	20 20 12.3	-0.2
M40A	Post Highland	26.74	2	P	P	20 20 11.9	-0.8
Y14A	Wickenburg	26.74	320	eP	P	20 20 14.1	+1.1
M38A	Pleasantville	26.74	359	P	P	20 20 12.2	-0.6
M41A	Milan	26.75	3	P	P	20 20 11.9	-0.9
M37A	Trindle Farm,	26.75	357	P	P	20 20 12.5	-0.3
M39A	Webster	26.80	1	P	P	20 20 12.2	-1.0
M36A	Felix, Anita	26.84	356	P	P	20 20 13.0	-0.7
WUAZ	Wupatki	26.86	324	P	P	20 20 14.0	-0.1
WUAZ	Wupatki	26.86	324	eP	P	20 20 15.9	+1.9
ACSO	Alum Creek Sta	26.88	16	P	P	20 20 14.1	+0.2
M43A	Waltham Townsh	26.93	6	P	P	20 20 13.9	-0.6
SPFD	Spotsylvania F	26.95	27	eP	P	20 20 15.1	+0.4
CBN	Corbin Frederi	27.07	27	P	P	20 20 16.4	+0.6
SCIA	State Center	27.23	359	P	P	20 20 17.1	-0.1
GLA	Glamis	27.37	316	P	P	20 20 19.4	+0.8
L40A	Anamosa	27.40	2	P	P	20 20 18.1	-0.5
PV01	Paradox Valley	27.43	332	eP	P	20 20 21.7	+2.4
L42A	Orlov, Polo	27.43	5	P	P	20 20 17.8	-1.1
L39A	Vinton	27.44	1	P	P	20 20 18.5	-0.6
L41A	Preston	27.45	3	P	P	20 20 18.4	-0.6
L37A	Oak Wood Farm,	27.46	359	P	P	20 20 18.2	-0.9
L38A	Phoenix Point,	27.46	358	P	P	20 20 17.8	-1.4
L36A	Harm Buss Farm	27.48	357	P	P	20 20 18.5	-0.8
L34A	Pevoldsen Farm,	27.49	354	P	P	20 20 18.5	-1.0
PCRV	Puerto La Cruz	27.57	96	LR	LR	20 33 24.6	
Y12C	Blythe	27.59	318	P	P	20 20 21.3	+0.8
Y12C	Blythe	27.59	318	eP	P	20 20 22.1	+1.6
PV05	Paradox Valley	27.63	331	eP	P	20 20 21.0	-0.1
PDMCI	Parker Dam, Lak	27.69	319	P	P	20 20 22.2	+0.8
K38A	Parkersburg	27.96	360	P	P	20 20 23.7	0.0
SWSC	Sam W. Stewart	27.96	315	P	P	20 20 25.2	+1.4
K41A	Shullsburg	27.99	3	P	P	20 20 23.7	-0.2
K36A	Gilmore City	28.00	357	P	P	20 20 23.8	-0.2
IKP	In-Ko-Pah, Jac	28.01	314	P	P	20 20 25.6	+1.2
K39A	Olwein	28.03	1	P	P	20 20 23.9	-0.3
K40A	Colesburg	28.04	2	P	P	20 20 24.5	+0.2
W13A	Hualapai Mount	28.05	321	eP	P	20 20 26.4	+1.5
K37A	Red Top Meadow	28.10	358	P	P	20 20 24.0	-0.8
K35A	Storm Lake	28.14	356	P	P	20 20 25.0	0.0
BC3	Big Chuckawall	28.15	316	P	P	20 20 26.3	+0.7
IRM	Iron Mountain	28.25	318	P	P	20 20 26.2	-0.2
JFWS	Jewell Farm	28.30	4	P	P	20 20 26.5	-0.2
JFWS	Jewell Farm	28.30	4	eP	P	20 20 27.4	+0.7
O56A	Blue Knob Stat	28.35	23	P	P	20 20 27.1	0.0
O56A	Blue Knob Stat	28.35	23	eP	P	20 20 27.2	0.0
MONP2	Monument Peak	28.36	314	P	P	20 20 27.7	+0.1
N54A	Moraine State	28.45	20	P	P	20 20 27.4	-0.6
N54A	Moraine State	28.45	20	eP	P	20 20 28.1	0.0
J36A	Seneca 1, Swea	28.69	357	P	P	20 20 30.2	+0.1
J40A	Soldiers Grove	28.75	3	P	P	20 20 30.1	-0.6
PFO	Pinyon Flats O	28.80	315	P	P	20 20 31.5	+0.1
SSPA	Standing Stone	28.92	23	P	P	20 20 32.3	+0.1
SSPA	Standing Stone	28.92	23	eP	P	20 20 32.3	+0.1
GMRC	Granite Mounta	28.97	318	P	P	20 20 32.4	-0.5
J32A	Parkston	29.05	352	P	P	20 20 33.2	-0.1
M54A	Oil Creek Stat	29.05	20	P	P	20 20 32.8	-0.6
MTPU	Mount Pierson	29.14	327	eP	P	20 20 35.5	+0.8
I35A	Creekview Farm	29.25	356	P	P	20 20 34.4	-0.7
MURC	Murrieta	29.30	315	P	P	20 20 34.7	-1.0
SZCU	Shurtz Canyon	29.31	325	eP	P	20 20 37.8	+1.9
I38A	Scanlan Farm	29.36	0	P	P	20 20 35.1	-1.0
CCUT	Cedar City	29.43	325	eP	P	20 20 39.2	+2.1
HEC	Hector, Ludlow	29.44	317	P	P	20 20 38.1	+1.1
SHPR	Sheep Range	29.75	321	eP	P	20 20 41.1	+1.3
BFSC	Mount Baldy Ra	29.98	315	P	P	20 20 41.7	-0.1
H48A	Maiden Rock	29.99	0	P	P	20 20 41.7	0.0
H40A	Chili	29.99	3	P	P	20 20 40.9	-0.7

H39A	Augusta	30.01	2	P	P	20 20 41.7	-0.1
N59A	State Game Lan	30.02	26	P	P	20 20 41.1	-0.9
N59A	State Game Lan	30.02	26	eP	P	20 20 41.9	0.0
GSC	Goldstone, Bar	30.03	318	P	P	20 20 42.3	0.0
H32A	Carlson Farm,	30.11	353	P	P	20 20 42.1	-0.7
PSUT	Pine Spring	30.40	326	eP	P	20 20 47.4	+1.8
G38A	Ridgeand	30.49	1	P	P	20 20 45.4	-0.6
SPMN	Marine on St.	30.54	360	P	P	20 20 46.4	-0.1
SPMN	Marine on St.	30.54	360	eP	P	20 20 46.6	+0.1
EDW2	Edwards Air Fo	30.57	316	P	P	20 20 47.3	+0.3
G39A	Holcombe	30.62	2	P	P	20 20 46.0	-1.2
G40A	Rib Lake	30.65	3	P	P	20 20 46.8	-0.6
WSHM	Spangler Hills	30.66	318	eP	P	20 21 06.8	+3.4
TPNV	Topopah Spring	30.71	321	P	P	20 20 46.8	+0.5
TPNV	Topopah Spring	30.71	321	eP	P	20 20 50.6	+2.3
G42A	Mountain	30.75	6	P	P	20 20 47.9	-0.4
G32A	Wester	30.86	353	P	P	20 20 50.2	+0.9
WTU	Western Traver	30.86	330	eP	P	20 20 54.9	+5.3
G31A	Palisades	30.91	28	P	P	20 20 49.1	-0.6
G31A	Palisades	30.92	352	P	P	20 20 50.4	+0.5
MPMC	Manual Propsec	30.93	318	P	P	20 20 50.9	+0.6
BINY	Binghamton	31.00	24	P	P	20 20 49.8	-0.8
BINY	Binghamton	31.00	24	eP	P	20 20 50.2	-0.5
DAC	Darwin (Calif)	31.13	319	eP	P	20 20 53.2	+1.1
F36A	Milaca	31.19	359	P	P	20 20 52.0	-0.2
R11A	Troy Canyon, C	31.24	324	P	P	20 20 54.3	+1.3
R11A	Troy Canyon, C	31.24	324	eP	P	20 20 54.8	+1.8
F39A	Loretta	31.26	2	P	P	20 20 54.3	+1.5
F38A	Pleas - Schro	31.28	1	P	P	20 20 53.2	+0.2
F40A	Park Falls	31.30	3	P	P	20 20 52.5	-0.7
ISA	Isabella, Lake	31.34	317	P	P	20 20 55.0	+1.2
GRAC	Grapevine Rang	31.43	320	P	P	20 20 55.7	+1.2
F43A	Flat Rock, Esc	31.47	7	P	P	20 20 54.4	-0.2
CWC	Cottonwood Cre	31.54	318	P	P	20 20 56.3	+0.6
PD31	Pinedale Array	31.68	336	eP	P	20 20 56.7	-0.2
PDAR	Pinedale Array	31.68	336	P	P	20 20 56.5	-0.4
PDAR	Pinedale Array	31.68	336	eP	P	20 23 47.5	+0.1
PDAR	Pinedale Array	31.68	336	P	P	20 36 05.3	
F44A	Big Bay de Noc	31.71	8	P	P	20 20 57.0	+0.2
E40A	Wakefield	31.84	3	P	P	20 20 57.5	-0.4
YES	Vestal, Richgr	31.85	316	P	P	20 20 58.6	+0.4
E34A	Wadena	31.91	357	P	P	20 20 57.6	-0.9
E35A	Pesot Lakes	31.91	358	P	P	20 20 57.5	-1.0
E42A	Champion	31.98	6	P	P	20 20 58.3	-0.8
SADO	Sadowa	32.16	18	P	P	20 20 59.7	-1.0
SADO	Sadowa	32.16	18	eP	P	20 23 48.5	+0.2
SADO	Sadowa	32.16	18	P	P	20 20 59.7	-1.0
SADO	Sadowa	32.16	18	eP	P	20 23 48.5	+0.2
RCTO	Reactor, Farmer	32.22	317	P	P	20 21 02.3	+0.9
AHID	Auburn Hatcher	32.32	334	eP	P	20 21 03.8	+1.4
TRY	Troy	32.40	26	eP	P	20 21 03.1	+0.2
D50A	Deloro Mine	32.41	20	P	P	20 21 01.4	-1.5
DE3A	Remer	32.42	358	P	P	20 21 02.2	-0.8
D37A	Cotton	32.47	0	P	P	20 21 02.5	-0.9
PAGB	Antelope Grade	32.57	315	eP	P	20 21 06.0	+1.5
D31A	Mccafflin, Tow	32.66	353	P	P	20 21 04.3	-0.7
REDW	Red Top Meadow	32.70	335	eP	P	20 21 07.3	+1.5
SNOW	Snow King Moun	32.75	335	eP	P	20 21 08.3	+2.1
LOHW	Long Hollow	32.81	335	eP	P	20 21 07.9	+1.2
NV11	Mina Array Sit	32.82	321	eP	P	20 21 08.8	+2.0
TPAW	Teton Pass	32.85	335	eP	P	20 21 08.6	+1.5
MDPB	Devils Postpil	32.90	319	eP	P	20 21 09.3	+1.7
NV01	Mina Array Sit	32.91	321	eP	P	20 21 09.1	+1.4
NVAR	Mina Array Bea	32.91	321	P	P	20 21 09.9	+2.3
NVAR	Mina Array Bea	32.91	321	eP	P	20 23 51.9	+1.0
NVAR	Mina Array Bea	32.91	321	P	P	20 27 33.7	+4.1
NVAR	Mina Array Bea	32.91	321	eP	P	20 36 15.8	
MOOW	Moose Ponds	32.98	335	eP	P	20 21 09.3	+1.0
FXWY	Fox Creek	33.00	335	eP	P	20 21 10.0	+1.6
C35A	Jirik Farms, M	33.04	358	P	P	20 21 07.0	-1.4
C36A	Pine Crest Far	33.08	360	P	P	20 21 08.5	-0.2
RYN	Ryan	33.16	321	eP	P	20 21 11.7	+1.9
IMW	Indian Meadow	33.18	335	eP	P	20 21 11.2	+1.1
C31A	Landman Farms,	33.39	354	P	P	20 21 11.7	+0.2
H17A	Grant Village	33.45	336	P	P	20 21 12.6	+0.2
H17A	Grant Village	33.45	336	eP	P	20 21 14.7	+2.3
RLMT	Red Lodge	33.58	338	P	P	20 21 13.6	+0.2
BMN	Battle Mountai	33.59	325	eP	P	20 21 15.2	+1.7
LONL	Lake Ozonia	33.59	23	P	P	20 21 12.3	-1.0
LONL	Lake Ozonia	33.59	23	eP	P	20 21 12.8	-0.4
YFT	Old Faithful	33.60	336	eP	P	20 21 16.1	+2.5
YFT	Old Faithful	33.60	336	P	P	20 23 54.7	+1.7
WAKR	Walker	33.65	320	eP	P	20 21 15.3	+1.2
MDND	Maddock	33.68	351	P	P	20 21 13.4	-0.7
MDND	Maddock	33.68	351	eP	P	20 21 14.6	+0.6
B35A	Bob, Littenfor	33.69	359	P	P	20 21 13.3	-0.7
HNH	Hanover	33.78					

16d 20h

Table of astronomical observations for 16d 20h, listing station names (e.g., YKA, YKB, YKW), station IDs, coordinates, and observation times.

2012 FEB

Table of astronomical observations for 2012 FEB, listing station names (e.g., DAVOX, MOTA, KHC), station IDs, coordinates, and observation times.

938

Table of astronomical observations for 938, listing station names (e.g., HYB, NWAO, UTHA), station IDs, coordinates, and observation times.

ISCJB 16 20:16:49.9, 0.4, 43.63N, 0.03, 105.12W, 0.06, h0km, Error ellipse: s-maj=6.0km s-min=4.8km az=5.3

IDC 16 20:16:49.7, 2.0, 43.39N, 105.19W, h0km, mb1 3.5/4, mb1mx3.3/63, mbtmp3.2/4, ML2.8/3, Error ellipse: s-maj=46.8km s-min=9.6km az=154.0

NEIC 16 20:16:51.0, 0.5, 43.59N, 105.09W, h0km, ML3.4, Error ellipse: s-maj=7.3km s-min=6.2km az=221.0, Suspected Mining explosion.

NEIC 77 km [48 miles] WSW of Newcastle, ISC 16 20:16:50.8, 0.9, 43.61N, 105.04W, 105.18W, 0.04, h0km, n35, e14137, Wyoming

Table of astronomical observations for 938, listing station names (e.g., Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time Res, h m s, Res ISC), station IDs, coordinates, and observation times.

NNC 16 20:29:25.1, 3.3, 37.35N, 71.07E, h0km, mb3.5, mpv3.1, 2C-4D, Error ellipse: s-maj=27.3km s-min=23.5km

az=136.0, Afghanistan-Tajikistan border region

Table of astronomical observations for NNC, listing station names (e.g., Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time Res, h m s, Res ISC), station IDs, coordinates, and observation times.

TAP 16 20:29:47.4, 22.94N, 120.97E, h33km, 1km, ML1.3, C, Taiwan

Table of astronomical observations for TAP, listing station names (e.g., Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time Res, h m s, Res ISC), station IDs, coordinates, and observation times.

ISCJB 16 20:41:57.3, 1.9, 71.68N, 120.09, 1.6W, 0.5, h10km, mb3.1/3, MS3.8/1, Error ellipse: s-maj=21.4km s-min=11.9km

az=162.5, IDC 16 20:41:57.3, 1.9, 71.61N, 120.04W, h0km, mb3.3/3, mb1 3.7/8, mb1mx3.3/40, mbtmp3.6/8, ML3.1/3, MS3.2/3, Ms1 3.2/3, ms1mx2.6/7, Error ellipse: s-maj=39.7km s-min=20.5km

az=59.0, NAO 16 20:42:00.2, 6.5, 71.58N, 124.0W, ML2.9, BEP 16 20:42:02.6, 1.8, 71.59N, 124.0W, h15km, ML2.9(NAO)

ISC 16 20:41:59.0, 1.6, 71.77N, 120.02, h10km, n21, e047/20, mb3.2/3, Jan Mayen Island region

Table of astronomical observations for ISC, listing station names (e.g., Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time Res, h m s, Res ISC), station IDs, coordinates, and observation times.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like SPA0 Spitsbergen Ar, AR0A ARCESS Array S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like AS01 Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like eastern Honshu, SHZ3 Shizuoka 3, etc.

IDC 16 20:43:26.0±0.5, 33.03S; 178.66W, h0km, mb4.5/9, mb1 4.7/11, mb1mx3.4/7, mbtmp4.6/11, ML5.1/2, MS3.7/4, Ms1 3.7/4, ms1mx3.3/3.6, Error ellipse: s-maj=21.2km s-min=17.6km az=53.0

ISCJB 16 20:43:27.9±0.5, 33.33S; 178.39W, h0km, h32km, mb4.5/12, MS3.7/3, Error ellipse: s-maj=11.7km s-min=9.3km az=53.0

NEIC 16 20:43:27.0±0.5, 33.10S; 178.67W, h5km, 29km, mb4.5/2, Error ellipse: s-maj=13.9km s-min=9.8km az=220.0

WEL 16 20:43:28.1±0.8, 33.37S; 177.8W, h1.6, h33km, ML5.4/40, ML5.4/43

ISC 16 20:43:30.5±0.5, 33.24S; 106.17E; 43W, h0.9, h32km, n145, e197/140, mb4.5/11, MS3.6/3, South of Kermaec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like GLK2 Green Lake, MARZ Manawa Pt, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like AS01 Alice Springs, ASAR Alice Springs, etc.

IDC 16 20:52:11.7±1.4, 53.17N; 170.68E, h0km, mb3.4/7, mb1 3.5/8, mb1mx3.3/7.9, mbtmp3.4/8, ML2.6/1, MS3.9/1, Ms1 3.9/1, ms1mx2.6/4.3, Error ellipse: s-maj=39.0km s-min=21.4km az=160.0

ISCJB 16 20:52:14.8±1.2, 53.33N; 0.2x170.4E; 0.1, h28km, mb3.4/7, MS3.9/1, Error ellipse: s-maj=32.4km s-min=10.1km

ISC 16 20:52:16.2±1.4, 53.22N; 0.3x170.6E; 0.1, h28km, n15, e52/92, mb3.2/7, Near Islands

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

ISCJB 16 21:00:39.0±0.5, 28.52N; 0.04x51.36E; 0.05, h10km, mb3.6/8, Error ellipse: s-maj=7.2km s-min=4.4km az=145.7

TEH 16 21:00:39.1±28.59N; 51.41E, h9km, ML3.4 IDC 16 21:00:39.0±1.4, 28.56N; 51.43E, h0km, mb3.6/8, mb1 3.6/10, mb1mx3.4/6, mbtmp3.6/10, ML3.3/2, Error ellipse: s-maj=31.9km s-min=21.1km az=160.0

CSEM 16 21:00:41.1±0.5, 28.62N; 51.40E, h8km, ML3.4, Error ellipse: s-maj=21.1km s-min=6.7km az=51.0

OMAN 16 21:00:43.7±3.0, 28.36N; 51.44E, h10km, Error ellipse: s-maj=13.2km s-min=6.2km az=354.0

ISC 16 21:00:40.5±0.9, 28.52N; 0.06x51.35E; 0.08, h10km, n35, e182/41, mb3.5/8, Southern Laysan

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

MAN 16 21:08:45.9±9.85N; 123.02E, h24km, mb4.2, ML3.0, MS2.7, IC-1D, Negros

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include AKASG, IIGN, MLR, DAVOX, ISAL, IZAR, SLIT, MTSE, VSU, HFS, NOA, FINES, ARCES, BAMF, CXM, PCM, PML, etc.

ISCJB 16 22:48:31.0, 0.7, 8.45S: 0.075: 1.10W: 0.06, h136km, mb3.3/4, Error ellipse: s-maj=10.0km s-min=9.0km az=2.8

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include ATAH, NNA, NNA, SIV, PTGA, TXAR, DBIC, YKA, TORD, etc.

ISC 16 22:48:32.1, 0.8, 8.46S: 0.075: 1.10W: 0.09, h136km, n8, +057/19, mb3.3/4, Central Peru

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include DZM, DZM, STKA, WRA, ASAR, etc.

ISC 16 23:09:17.9, 12.0, 17.62S: 168.78E, h0km, mb3.6/3, mb1.3/8, mb1mx3.6/7, mbtmp3.6/4, ML3.3/1, Error ellipse: s-maj=225.0km s-min=47.2km az=86.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include H08N2, H08N3, H08N1, MKAR, BOSA, WRA, ASAR, etc.

ISC 16 23:54:58.0, 3.8, 52.13N: 175.38E, h0km, mb4.1/11, mb1.4/12, mb1mx3.7/6, mbtmp4.1/12, ML4.8/1, Error ellipse: s-maj=90.9km s-min=22.4km az=164.0

ISCJB 16 23:55:00.6, 0.9, 52.0N: 0.1: 1.75E: 0.1, h38km, mb4.1/15, Error ellipse: s-maj=19.4km s-min=9.7km az=8.3

NEIC 16 23:55:02.6, 3.6, 52.15N: 175.42E, h30km, mb4.5/3, Error ellipse: s-maj=27.4km s-min=8.0km az=167.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include SMY, KDKAK, YSS, COLA, ILAR, KLR, H11N2, H11N3, H11N1, H11S1, H11S3, H11S2, SONM, SPITS, ZALV, KURK, KURBB, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include ARCES, MKAR, FINES, AKTO, NOA, HFS, BRTR, etc.

ISC 16 23:59:44.8, 1.8, 13.17N: 143.69E, h119km, mb3.2/5, mb1.3/5, mb1mx3.1/64, mbtmp3.5/5, Error ellipse: s-maj=40.2km s-min=18.8km az=111.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include GUMO, GUMO, WRA, ASAR, MKAR, YKA, NVAR, etc.

ISC 16 23:59:51.5, 1.3, 40.36N: 23.91E, h0km, mb3.3/3, mb1.3/6, mb1mx3.1/67, mbtmp3.2/6, ML2.5/3, Error ellipse: s-maj=26.7km s-min=18.0km az=110.0

ISCJB 16 23:59:53.0, 0.6, 40.13N: 0.1: 24.06E: 0.2, h9km, mb3.4/4, mb3.1/3, Error ellipse: s-maj=2.5km s-min=2.3km az=108.0

ATH 16 23:59:52.8, 4.0, 14N: 24.06E, h24km, 1km, ML3.0/14, Error ellipse: s-maj=1.0km s-min=0.6km az=324.0

SOE 16 23:59:53.2, 4.0, 21N: 24.17E, h3km, MD3.3, THE 16 23:59:53.3, 4.0, 15N: 24.05E, h7km, 1km, ML3.0/18, Error ellipse: s-maj=1.2km s-min=0.6km az=239.0

CSEM 16 23:59:53.1, 0.1, 40.13N: 24.08E, h10km, ML3.0, Error ellipse: s-maj=2.5km s-min=2.3km az=108.0

ISC 16 23:59:53.2, 1.0, 40.15N: 0.1: 24.05E: 0.1, h9km, mb3.6/3, n181, +0102/237, mb3.1/3, 14C-1D, Aegean Sea

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include PLG, PLG, PLG, HORT, HORT, HORT, HORT, HORT, HORT, HORT, SOH, SOH, SOH, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: PHSR, VLX, MPEP, SLVY, CTYL, CTKS, ISK, SIMA, HUMR, ICOR, IDI, MDVR, ARR, ISR, LOT, VOIR, MLR, BLS, BZS, PLOR, VRI, SIRC, TESR, DRGR, BRTR, BURAR, TORD, MKAR, ZALV. Each row contains station name, coordinates, and other parameters.

DDA 17:00:14:29.7,35.24N:27.63E, h5km, ML3.3
ATH 17:00:14:34.2, 35.30N:27.97E, h14km, 3km, ML2.6/1, Error ellipse: s-maj=5.6km s-min=2.1km az=325.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists stations like KARP, ARG, BDRM, ZKR, TURN, YER, FET, NPS, AYDN, SMG, TAVA, APE, ELL, GOLH, KORT, KULA, KUL.

ISCJB 17:00:22:58.0, 0.4, 0.76N:0.08:29.08W:0.06, h10km, mb4.4/38, MS4.0/45, Error ellipse: s-maj=12.3km s-min=8.1km az=154.1

GCMT 17:00:23:00.1, 0.3, 0.98N:29.12W, h17km, 1km, MW4.8/87, Moment Tensor Solution. s11, c12, s87, c109, Duration: 0 Moment tensor, Scale: 10^19Nm, Mrc0.01±0.03

NEIC 17:00:23:00.1, 0.3, 0.80N:29.11W, h10km, mb4.8/12 Error ellipse: s-maj=10.7km s-min=6.8km az=145.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists stations like RCBR, RCOR, RCOR, SACV, H10S1, H10S2, H10S3, H10S4, LIC, DBIC, DBIC.

Main table with columns: DBIC, KIC, KOWA, KOWA, TOAO, TORD, H0SS1, H0S1N, SIV, CPUP, MDT, TAM, H09N1, LPAZ, SDV, SDV, ESDC, ESDC, RESO, ROSE, KEST, TSUM, VAE, PLCA, JTS, DAVOX, DAVOX, DAVA, SUR, FETA, MOTA, ABTA, LBTB, LBTB, LSZ, LSZ, KBA, BOSA, BOSA, SOKA, MOA, MATP, GEAO, GECZ, GERES, GERES, ARSA, KHK, IDI, CONA, TKL, TREST, PSZ, PSZ, MLR, KMBO, NOA, HFS, BR231, BRTR, BRTR, KAV1, AKAS, AKFB, FINES, ULM, TAYR, TXAR, TXAR, KVAR, KBZ, GNI, KLMR, SPITS.

Table with columns: RPN, PDAR, YKA, YKA, AKTO, NVAR, MAW, YBH, KSH, KSH, KSH, KSH, KSH, KSH, CD2, HHC, HHC, HHC, HHC, GYA, GYA, GYA, ASAR, WRA.

IDC 17:00:35:24.6:3.8, 30.36S:177.52W, h0km, mb3.5/2, mb1.3/7.2, mb1mx3.5/39, mbtm3p.3/2.0, Error ellipse: s-maj=77.8km s-min=33.1km az=110.0, Kermadec Islands

IDC 17:00:39:14.1:7.0, 19.37N:145.36E, h214km, 68km, mb3.5/16, mb1.3/7.16, mb1mx3.5/64, mbtm3.4/1.6, Error ellipse: s-maj=18.9km s-min=11.9km az=72.0, Mariana Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists stations like KRSR, WRA, SONM, CMAR, ASAR, DZM, ZALV, MKAR, MKAR, KURBB, ILAR, INK, YKA, ARCS, NVAR, FINES, HFS, TORD.

IDC 17:00:42:24.0:4.4, 14.16S:13.58W, h0km, mb4.0/5, mb1.4/5, mb1mx3.5/57, mbtm3.4/1.5, MS3.5/16, Ms1.3/5.16, ms1mx3.3/50, Error ellipse: s-maj=254.8km s-min=81.3km az=116.0

ISC 17:00:42:24.8:3.9, 14.3S:07.14W, h10km, n24, s1680/8, mb4.0/7, MS3.5/16, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists stations like H10S2, H10S3, LIC, KIC, TIC, DBIC, DBIC, KOWA, KOWA, TORD, TORD, BOSO, MATP, MATP, LPAZ, LPAZ, ESDC, PLCA, ROSE.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Douglas, MTPU, DGAR, MSU, DUG, X18A, HLID, NLU, HVU, SPUT, TMUT, 121A, TIXI, MVCO, AHID, HVS, MNTX, BOZ, ANMO, INK, BW06, PDAR, LWKY, WMQ, TXAR, TX2A, RLMT, SDCO, PLCA, EGMT, ISCO, LAO, JCT, YKA, YK03, MK01, MKAR, MKAR, OGNE, DGMT, WMOK, KURK, KURB, FFC, NATX, KSU1, AAK, ECSD, MIAR, AGMN, SCIA, JTS, MSEY, BRVK, BRVK.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like BRVK, EYMN, JFWS, HDIL, OTAV, COWI, BCIP, GOGA, GLMI, AAM, ACCO, ABKAR, ARU, BLA, GEYT, AKTO, CNCC, SPITS, CBN, SDV, LONY, SDDR, SPB, MATP, ALCES, KLMR, KLMR, PKME, POI, RAYN, VRH, SJG, PTGA, LSZ, LSZ, GNI, GNI, GNI, KMB0, KMB0, KMB0, KIV, KIV, KIV, LPSR, LPSR, OBN, VSR, VSR, FINES, FINES, TSM, TSM, MBAR, MBAR, AKAS, AKAS, KIEV, AK11, NB2, NOA, BRTR, BRTR, ANTO, ANTO, BR231, BUR04, ISP, STHS.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like STHS, MORC, MORC, PSZ, DPC, DPC, VYHS, VYHS, PVCC, PVCC, BRG, BRG, BRG, BRG, CLL, CLL, GOPC, PRU, PRU, EKA, NKC, NKC, MOX, MOX, DIVS, KHC, KHC, GEC2, GEC2, GEC2, GEC2, GEAO, GEAO, WET, ARSA, GRFO, GRFO, MOA, MOA, RCBR, RCBR, LBWR, PERB, SOKA, BLY, WACH, WACH, OBKA, OBKA, WPMI, WPMI, CWF, CWF, KBA, KBA, FOEL, LJU, LJU, HLMI, STU, STU, WATA, WATA, ABTA, ABTA, WTTA, WTTA, TRI, TRI, SSW, MOTA, WLF, WLF, WLF, WLF, RETA, RETA, MCH1, MCH1, BFO, BFO, SWN1, FETA, WOL, DAVA, FUORN, DAVOX, TUE, TUE, TIP, TIP, CUC, CUC, AQU, AQU, AQU, AQU, SENIN, SENIN, BNI, BNI, BNI, SSB, SSB, CLTB, CLTB, OL19, OL19, MTE, MTE, ESDC, PAB, TAM, TAM, RTC, RTC, TOAO, TOAO, TORO, TORO, SACV, SACV.

ISCJB 17 02:04:47.0.51.51N:0.04.17E:0.04,h0km,Error
ellipse: s-maj=6.3km s-min=3.1km az=17.4
CSEM 17 02:04:50.0.5.51.49N:16.13E,h2km,ML3.1/6,Error
ellipse: s-maj=7.9km s-min=4.1km az=4.0
PRU 17 02:04:51.3.51.47N:16.11E,h0km
ISC 17 02:04:49.7.1.2.51.53N:0.06.16.14E:0.03,h0km,n27,
+0.66/46,Poland

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

IDC 17 03:11:36.0.1.1.28.23S:63.20E,h0km,mb4.0/5,
mb1.4/2.5,mb1mx3.6/66,mbtmp4.0/5,Error ellipse:
s-maj=56.6km s-min=21.3km az=13.0, Southeast Indian
Ridge

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LSZ Lusaka, CMAR Chiang Mai Arr, etc.

NIED 17 03:25:00.41.00N:142.80E,h35km,Mw3.8 Best double
couple: M5.98000:1014 NP1.242.00000:826.00000,
lambda.126.00000. NP2.25.00000:869.00000:7.74.00000

ISCJB 17 03:25:10.6.0.7.41.05N:0.04.142.86E:0.07,h54km,6km,
mb3.8/9,MS3.6/2,Error ellipse: s-maj=9.9km s-min=4.1km
az=31.5

JMA 17 03:25:10.0.0.2.41.05N:142.81E,h24km,4km,M3.7
IDC 17 03:25:12.9.2.9.41.07N:142.88E,h58km,26km,mb3.5/9,
mb1.3/6.1,mb1mx3.6/66,mbtmp3.7/11,ML3.5/2,MS2.8/4,
Ms1.2/8.4,ms1mx2.5/62,Error ellipse: s-maj=27.0km

ISC 17 03:25:11.6.3.41.05N:0.05.142.84E:0.06,h44km,13km,
n34,+c121/37,mb3.8/3,3D,Hokkaido region

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H11S3 WAKE ISLAND Hy 30.37 131 T, H11S2 WAKE ISLAND Hy 30.39 131 T, etc.

ISCJB 17 03:33:02.1.0.9.24.44N:0.09.143.1E:0.2,h30km,
mb3.5/8,Error ellipse: s-maj=31.1km s-min=11.9km
az=166.8

IDC 17 03:33:06.3.4.24.52N:142.99E,h46km,27km,mb3.3/8,
mb1.3/4.9,mb1mx3.2/68,mbtmp3.5/9,ML2.9/1,Error
ellipse: s-maj=36.5km s-min=21.9km az=93.0

ISC 17 03:33:04.2.1.1.24.55N:0.1x143.1E:0.3,h30km,n9,
+0.65/10,mb3.6/8,Volcano Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JCJ Chichijima, KLR Kul'dur, etc.

ISK 17 03:33:54.6.39.46N:33.02E,h5km,ML2.7/5
ISCJB 17 03:33:55.2.0.5.39.43N:0.02.33.01E:0.03,h0km,5km,
Error ellipse: s-maj=4.5km s-min=3.8km az=6.9

CSEM 17 03:33:55.2.0.1.39.44N:0.02E,h2km,ML2.7,Error
ellipse: s-maj=3.6km s-min=2.8km az=70.0
DDA 17 03:33:55.9.39.42N:33.08E,h7km,Md2.7
ISC 17 03:33:55.1.0.9.39.44N:0.02.33.01E:0.02,h3km,6km,
n36,+0.65/56,1D,Turkey

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AFSR Af'ar-Bala (A), AFSR Af'ar-Bala (A), etc.

ISCJB 17 03:49:20.7.0.4.35.73N:0.03.32.31E:0.04,h15km,Error
ellipse: s-maj=5.3km s-min=3.6km az=38.4

CSEM 17 03:49:20.5.0.2.35.70N:52.24E,h2km,ML3.5,Error
ellipse: s-maj=5.4km s-min=4.2km az=54.0
TEH 17 03:49:20.1.35.73N:0.03.32.31E:0.04,h15km,ML3.5
ISC 17 03:49:21.0.8.35.70N:0.03.32.31E:0.03,h15km,n40,
+0.16/0/45,5C-4D,Northern and central Iran

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CHTH Charan, THKV Tehran-Karaj, etc.

ASAO Ashitan 2.17 239 ePn Sb 03 49 57.6 +0.8
ASAO Ashitan 2.17 239 eSg Sb 03 50 26.7 -0.2
IKLH Kolahrood 2.44 194 ePn Sb 03 50 19.1 +1.3
IKLH Kolahrood 2.44 194 eAmB Sb 03 50 36.7

IKLH Kolahrood 2.44 194 ePn Sb 03 50 19.1 +1.3
KHMZ Khomeyn 2.73 225 ePn Sb 03 50 05.6 +1.1
IZEF Zefreh 2.80 179 eAmB AMB 03 50 50.2

IZEF Zefreh 2.80 179 ePn Sb 03 50 06.7 +1.2
NAN Na'in 2.93 171 ePn Sb 03 50 09.7 +2.2
PIPI Pirpir 3.22 201 ePn Sb 03 51 18.9 +2.8
IPIR 3.22 201 eAmB AMB 03 51 04.7

IPIR Pirpir 3.22 201 ePn Sb 03 50 14.1 +2.8
ICHK Chekchek 3.88 152 ePn Sb 03 50 21.6 +1.2
ICHK Chekchek 3.88 152 eAmB AMB 03 50 39.3

IRAM Rameshah 3.88 179 ePn Sb 03 50 21.9 +1.9
IRAM Rameshah 3.88 179 eAmB AMB 03 51 36.4

IRAM Rameshah 3.88 179 ePn Sb 03 50 22.3 +1.9
ASTR Astara 3.98 317 ePn Sb 03 50 22.7 +1.2
LKR Lerik 4.30 314 ePn Sb 03 51 11.8 +3.9

ASTR Astara 3.98 317 ePn Sb 03 50 22.7 +1.2
LKR Lerik 4.30 314 ePn Sb 03 51 11.8 +3.9
STR Stranjan 4.30 314 ePn Sb 03 51 11.8 +3.9
POL Pirkuli 5.84 331 ePn Sb 03 50 48.3 +1.0

PNL Pirkuli 5.84 331 ePn Sb 03 50 48.3 +1.0
PQL Pirkuli 5.84 331 ePn Sb 03 51 55.6 +1.5
XNO Khinaliq 6.35 331 ePn Sb 03 52 09.5 +2.9
SEKA Sheki 6.79 326 ePn Sb 03 51 00.5 +4.0
GDB GEDABAY 7.17 316 ePn Sb 03 51 07.3 +1.8

ISCJB 17 03:59:02.6.0.5.17.5S:0.1x178.8W:0.1,h539km,
mb3.9/15,Error ellipse: s-maj=17.1km s-min=10.8km
az=140.8

IDC 17 03:59:02.8.1.5.17.43S:178.78W,h529km,16km,
mb3.5/15,mb1.3/6.17,mb1mx3.4/45,mbtmp4.3/17,Error
ellipse: s-maj=16.6km s-min=12.6km az=136.0

ISC 17 03:59:03.5.0.6.17.45S:0.1x178.9W:0.1,h539km,n26,
+0.1935/30,mb4.0/15,Fiji Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AFI Afiamalu, DZM Mont Dzumac, etc.

NNC 17 04:01:25.7.2.3.37.08N:67.80E,h0km,mb4.5,mpv4.0,
Error ellipse: s-maj=31.0km s-min=19.1km az=133.0

ISCJB 17 04:01:25.8.0.3.37.15N:0.03.67.97E:0.04,h10km,
mb4.0/28,MS3.3/12,Error ellipse: s-maj=4.8km
s-min=3.7km az=136.0

IDC 17 04:01:25.8.0.6.37.04N:67.98E,h0km,mb4.0/20,
Mb1.4/1.25,mb1mx3.9/70,mbtmp4.0/25,ML3.5/5,MS3.3/13,
MS1.3/3.13,ms1mx2.9/69,Error ellipse: s-maj=15.3km
s-min=10.3km az=150.0

BUI 17 04:01:30.6.3.37.72N:67.99E,h24km,mb4.0/11,mb4.6/5,
Ms3.8/3,Ms7.3/6.4
NEIC 17 04:01:30.6.2.0.37.32N:67.91E,h22km,15km,mb4.3/10,
Error ellipse: s-maj=7.4km s-min=6.8km az=198.0

MOS 17 04:01:30.2.1.3.37.39N:67.89E,h27km,mb4.1/17,Error
ellipse: s-maj=8.9km s-min=5.5km az=78.4

ISC 17 04:02:28.1.0.4.37.24N:0.05.67.87E:0.04,h10km,n125,
+0.21/126,mb4.0/29,MS3.4/12,8C-15D,
Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KBL Kabul, SFK Sufi-Kurgan, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC, H, M, S, ISC. Includes stations like Les Rejaudoux, Saint-Julien-I, Saint-Julien-II, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC, H, M, S, ISC. Includes stations like La Plagne, Montbardon, Saint Martin d, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC, H, M, S, ISC. Includes stations like Kamenistaya, Turmuk D, Kizimen, etc.

MAN 17 04:34:41,10:22N-123:28E, h4km, mb3.9, ML2.6, MS2.1, 1C, Cebu
Code Station Name Az El Op Phase ID Time Res ISC H M S ISC
Code Station Name Az El Op Phase ID Time Res ISC H M S ISC

17d 7h

Table with columns: CAIG, EI Cayaco, 1.02 160 eP, Pn, 06 18 04.2 -0.4, etc.

17d 06:17:57.5:2.7, 53.49N:87.60E, h0km, mb1 2.8/2, mb1mx2.7/73, mbtmp2.8/2, ML2.5/2, Error ellipse: s-maj=23.0km s-min=16.7km az=60.0, Southwestern Siberia

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

17d 06:42:33.2:10.0, 31.77S:179.57W, h225km, 106km, mb3.3/2, mb1 3.5/3, mb1mx3.2/38, mbtmp3.9/3, Error ellipse: s-maj=102.6km s-min=39.6km az=3.0, Kermadec Islands region

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

17d 06:56:58.0:1.2, 14.54N:93.31W, h20km, 200km, MD3.8, Near coast of Chiapas

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

17d 07:00:56.8:2.8, 6.32S:130.56E, h100km, 36km, mb3.7/2, mb1 3.6/6, mb1mx3.2/57, mbtmp3.9/6, Error ellipse: s-maj=83.6km s-min=21.3km az=88.0, Banda Sea

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

17d 07:03:31.2:2.8, 53.99N:86.64E, h0km, mb1 2.7/2, mb1mx2.6/76, mbtmp2.7/2, ML2.2/2, Error ellipse: s-maj=25.1km s-min=14.5km az=57.0, Southwestern Siberia

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

17d 07:04:28.5:3.0, 54.48N:87.21E, h0km, mb1 3.1/2, mb1mx2.8/76, mbtmp3.1/2, ML2.8/2, Error ellipse: s-maj=25.4km s-min=18.1km az=56.0, Southwestern Siberia

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

17d 07:08:45.5:0.8, 41.31N:20.31E, h15km, M1.4, ML1.8, TIR 17:07:08:45.5:0.8, 41.31N:20.31E, h7km, 700km, ML2.6, 5, Albania

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

17d 07:10:20.0:42.57N:13.33E, h12km, MD1.5/5, ROM 17:10:20.0:0.1, 42.57N:13.33E, h12km, 1km, MD1.5/5,

2012 FEB

MH1.4/3, Error ellipse: s-maj=1.3km s-min=0.7km az=15.0, Central Italy

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

17d 07:24:06.2:0.3, 2.84N:0.03, 128.32E:0.05, h33km, mb4.4/35, MS3.5/9, Error ellipse: s-maj=7.2km s-min=4.8km az=165.8, DJA 17:07:24:07.4:0.7, 3.3N:6.1E, h10km, M4.5/8, mb4.7/6, mb4.8/4, MLV4.5/8, Mw(MB)4.0/4

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

17d 07:24:08.6:0.5, 2.79N:0.06, 128.36E:0.08, h35km, n73, n180/54, mb4.4/34, MS3.5/9, Halmahera

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

17d 07:38:58.6:38.78N:43.21E, h5km, ML2.6/3, ISCJB 17:07:38:59.6:0.5, 38.80N:0.03, 43.24E:0.03, h14km, 4km, Error ellipse: s-maj=4.5km s-min=4.2km az=137.4, DDA 17:07:38:59.0:2.0, 38.78N:43.28E, h7km, ML2.8, Error ellipse: s-maj=5.0km s-min=4.4km az=142.0, ISC 17:07:38:59.4:0.9, 38.79N:0.02, 43.25E:0.02, h13km, 8km, n26, c0876/48, Turkey

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

17d 07:40:03.3:7.7, 15.25S:173.13W, h0km, mb3.4/2, mb1 3.7/2, mb1mx3.4/48, mbtmp3.4/2, Error ellipse: s-maj=419.9km s-min=25.5km az=145.0, Tonga Islands

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

950

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

17d 07:38:58.6:38.78N:43.21E, h5km, ML2.6/3, ISCJB 17:07:38:59.6:0.5, 38.80N:0.03, 43.24E:0.03, h14km, 4km, Error ellipse: s-maj=4.5km s-min=4.2km az=137.4, DDA 17:07:38:59.0:2.0, 38.78N:43.28E, h7km, ML2.8, Error ellipse: s-maj=5.0km s-min=4.4km az=142.0, ISC 17:07:38:59.4:0.9, 38.79N:0.02, 43.25E:0.02, h13km, 8km, n26, c0876/48, Turkey

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

17d 07:40:03.3:7.7, 15.25S:173.13W, h0km, mb3.4/2, mb1 3.7/2, mb1mx3.4/48, mbtmp3.4/2, Error ellipse: s-maj=419.9km s-min=25.5km az=145.0, Tonga Islands

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

17d 07:47:16.1:0.7, 2.22S:119.24E, h0km, mb4.1/1, mb1 4.2/12, mb1mx3.9/69, mbtmp4.1/12, ML3.5/1, MS3.6/9, MS1 3.7/9, ms1mx3.2/56, Error ellipse: s-maj=38.5km s-min=13.6km az=59.0

Table listing station names, codes, and coordinates for the 17d 8h period. Includes stations like BSWZ Blackbirch Sta, WNVZ Whianhoa, and many others.

Table listing station names, codes, and coordinates for the 2012 FEB period. Includes stations like JHCJ Hachioji jima 2, JNY Yasu, and many others.

Table listing station names, codes, and coordinates for the 2012 FEB period. Includes stations like G005 comp=N,4um,0.6s, PMCH Puerto Montt, and many others.

Main table containing station call signs, frequencies, and other technical details. Includes columns for call sign, frequency, and various parameters.

Table with columns: ID, Name, Az, El, SNR, and other parameters. Includes stations like MA2 Magadan, YKA Yellowknife Ar, etc.

NEIC 17 08:17:56.0,0.6,22.52S:65.90W,h227km,5km,mb4.4/69, Error ellipse: s-maj=8.7km s-min=6.2km az=83.0

NEIC Fellt at San Salvador de Jujuy

SCB 17 08:17:56.9,0.5,22.28S:66.39W,h245km,ML3.8/1, Error ellipse: s-maj=13.9km s-min=5.7km az=31.0

IDC 17 08:17:57.9,1.6,22.42S:66.05W,h243km,14km,mb3.7/15, mb1 3.8/20, mb1mx3.7/44, mb1mp4.3/20, Error ellipse: s-maj=15.5km s-min=11.5km az=54.0

ISCJB 17 08:17:57.1,0.2,22.46S:0.03:66.19W,0.0:0.3,h251km, mb4.3/79, Error ellipse: s-maj=4.1km s-min=3.7km

SJA 17 08:17:57.3,0.5,22.53S:66.18W,h264km,9km,ML3.6, MW4.2

GUC 17 08:17:59.4,0.5,22.48S:66.74W,h290km,12km,ML5.0

ISC 17 08:17:58.1,0.4,22.55S:0.04:66.22W,0.0,4,h21.5km, n369, r1922/399, mb4.3/79, 20C-1D, Jujuy Province

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, and other parameters. Includes stations like YJA Yavi, HJA Humahuaca, etc.

Table with columns: ID, Name, Az, El, SNR, and other parameters. Includes stations like MNMC Pisagua, PSGC Pisagua, etc.

Table with columns: ID, Name, Az, El, SNR, and other parameters. Includes stations like WVT Waverly, WVT Waverly, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Willow Grove F, Otter Creek Ra, Paris, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Castle Valley, Jirik Farms, M, Preston Nutter, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like IDC 17 08:26:22.4, AFI Afiamalu, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MAN 17 08:34:46, GUIM Jordan, etc.

NEIC 17 08:50:27.6:0.9, 17:61Sx178:92W, h510km, 11km, mb4.565, Error ellipse: s-maj=11.1km s-min=5.4km

ISCJB 17 08:50:28.9:0.2, 17:69S:0:05:179:02W:0:06, h539km, mb4.379, Error ellipse: s-maj=9.6km s-min=4.7km

IDC 17 08:50:28.0:1.4, 17:72Sx178:89W, h516km, 16km, mb3.6/20, mb1 3.8/22, mb1mx3.6/53, mbtmp4.5/22, Error ellipse: s-maj=15.5km s-min=8.8km az=140.0

ISC 17 08:50:29.8:0.5, 17:64S:0:09:178:90W:0:09, h539km, n130, s109/131, mb4.4/79, 17C, Fiji Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AFI Afiamalu, RAO Raoul Island, URZ Urewera, etc.

MAN 17 08:24:29.9:67N:122:98E, h43km, mb4.2, ML3.0, MS2.7, 1C, Negros

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SNPH Sibulan, GUIM Jordan, etc.

Table with columns: Call Sign, Frequency, Power, and other parameters. Includes stations like EAST, HEN, HAY, LAY, ECL, SCZT, etc.

Table with columns: Call Sign, Frequency, Power, and other parameters. Includes stations like YM03, YM07, HATJ, etc.

ISN 17 09:32:53.2, 0.7, 38.85N, 43.40E, h0km, 33km, ML4.6
IDC 17 09:32:55.4, 0.6, 38.56N, 43.18E, h0km, mb4.3/23,
mb1 4.4/29, mb1mx2.6/66, mbmp4.3/29, ML2.9/6, MS3.7/41,
Ms1 3.7/41, ms1mx3.6/67, Error ellipse: s-maj=12.2km
s-min=8.9km az=160.0

MOS 17 09:32:56.8, 1.2, 38.61N, 43.20E, h15km, mb4.7/41, Error
ellipse: s-maj=5.2km s-min=3.9km az=92.1
DDA 17 09:32:57.8, 38.74N, 43.22E, h7km, ML4.6
BUI 17 09:32:58.4, 38.60N, 43.20E, h27km, mb4.7/31, mB5.1/23,
Ms4.5/12, Ms7.4/10

CSEM 17 09:32:53.2, 0.1, 38.69N, 43.19E, h10km, mb4.6/65, Error
ellipse: s-maj=2.7km s-min=2.2km az=166.0
ISCJ 17 09:32:58.0, 3.8, 38.68N, 0.02, 43.18E, 0.01, h2km, 2km,
mb4.4/82, MS3.8/38, Error ellipse: s-maj=2.6km
s-min=1.8km az=164.6

NEIC 17 09:32:58.0, 0.0, 38.70N, 43.21E, h5km, mb4.7/36,
ML4.5(ISK), After ISK.
NEIC Felt [I] at Van.

ISK 17 09:32:58.0, 38.71N, 43.20E, h5km, ML4.5/14
ISC 17 09:32:58.6, 0.8, 38.72N, 0.01, 43.22E, 0.01, h14km, 5km,
n440, s1942/505, mb4.6/84, MS3.7/38, 46C-51D, Turkey

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

Table with columns: Call Sign, Frequency, Power, and other parameters. Includes stations like KARS, SENK, EAK, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like ATUJ, SIZA, KBZ, KIV, KVAR, etc.

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

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like FINES, FINES, RETA, GRFO, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Songino Array, Palkalete, Lanzhou, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Yreka Blue Hor, Urewera, Zalesovo Beam, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

17d 13h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PLCA Paso Flores, BDFB Brasilia, PTGA Pitinga, etc.

ISK 17 12:33:58.5, 37.99N, 42.69E, h9km, ML2.9/5
ISCJB 17 12:40:00.0, 6.38, 05N, 01.03, 42.58E, 0.04, h2km, 7km,
Error ellipse: s-maj=5.6km s-min=4.5km az=35.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GEVA Gevas, SIRN Sirnak, etc.

MAN 17 12:40:37.0, 26N, 123.24E, h1km, mb4.4, ML3.2, MS2.9, 1C-3D, Cebu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LLP Lapu-Lapu, GUIM Jordan, etc.

ISCJB 17 12:52:38.7, 0.3, 17.61S, 0.05, 167.08E, 0.06, h10km, mb4.5, 20 MS3.10, Error ellipse: s-maj=9.0km s-min=6.6km az=30.6

NEIC 17 12:52:40.1, 0.3, 17.63S, 167.19E, h10km, mb4.7/16, Error ellipse: s-maj=10.9km s-min=7.5km az=155.0

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

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Table with columns: DZM, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DZM 16nm, 0.3s, bazu=125, slow=21, SNR=11, etc.

ISK 17 12:53:00.0, 29.74N, 141.14E, h46km, n51, c1855/67, mb3.9, 23, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BSO1 Bose 1, BSO4 Bosu 4, etc.

ISC 17 12:53:00.0, 29.74N, 141.14E, h46km, n51, c1855/67, mb3.9, 23, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NIED 17 12:53:00.0, 29.74N, 141.14E, h2km, Mwd 2, etc.

NIED 17 12:53:00.0, 29.74N, 141.14E, h2km, Mwd 2, Best double couple: M2: 1900x1015 N1: 209 00000, -32 00000, -4.167 00000, N2: 31 00000, -890 00000, -1.88 00000

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

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

ISC 17 13:01:49.5, 9.4, 15.18N, 92.62W, h0km, mb3.0/2, mb1 3.5/4, mb1mx3.3/47, mbtmp3.1/4, ML4.0/1, Error ellipse: s-maj=186.1km s-min=77.1km az=11.0

MEX 17 13:01:53.0, 0.6, 14.71N, 93.31W, h19km, 60km, MD4.1

ISC 17 13:01:52.5, 2.7, 14.8N, 01.19337W, h17km, 13km, n8, c1911/13, Near coast of Chiapas

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

ISC 17 13:01:49.5, 9.4, 15.18N, 92.62W, h0km, mb3.0/2, mb1 3.5/4, mb1mx3.3/47, mbtmp3.1/4, ML4.0/1, Error ellipse: s-maj=186.1km s-min=77.1km az=11.0

MEX 17 13:01:53.0, 0.6, 14.71N, 93.31W, h19km, 60km, MD4.1

ISC 17 13:01:52.5, 2.7, 14.8N, 01.19337W, h17km, 13km, n8, c1911/13, Near coast of Chiapas

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

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

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

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

IDC 17 13:02:22.6:1.3, 35.85N:95.88E, h0km, mb3.3/2, mb1 3.7/6, mb1mx3.3/74, mbtmp3.5/6, ML3.8/4, MS2.9/2, Ms1 2.9/2, ms1mx2.4/40, Error ellipse: s-maj=62.4km, s-min=22.7km az=60.0

IDC 17 13:02:23.6:1.0, 35.93N:01:95.25E:0.08, h10km, n2, s239/9, Qinghai

IDC 17 13:02:22.6:1.3, 35.85N:95.88E, h0km, mb3.3/2, mb1 3.7/6, mb1mx3.3/74, mbtmp3.5/6, ML3.8/4, MS2.9/2, Ms1 2.9/2, ms1mx2.4/40, Error ellipse: s-maj=62.4km, s-min=22.7km az=60.0

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

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

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

ISCJB 17 13:24:60.0:0.6, 2.75N:0.05x127.89E:0.05, h100km, mb3.9/8, Error ellipse: s-maj=7.9km s-min=6.5km az=135.1

DJA 17 13:25:01.4:0.4, 3.14N:4.12E, h100km, mb4.3/12, mb4.5/12, mb4.6/5, ML4.5/9, MW(mb)3.8/5

IDC 17 13:25:01.3:0.2, 6.22N:127.96E, h100km, mb3.6/9, mb1 3.8/11, mb1mx3.5/6, mbtmp4.1/11, MS2.6/1, Ms1 2.6/1, ms1mx2.2/40, Error ellipse: s-maj=53.1km s-min=11.4km az=74.0

ISC 17 13:25:01.8:0.7, 2.76N:0.06x127.82E:0.08, h100km, n2, s189/30, mb3.9/8, Northern Molucca Sea

IDC 17 14:26:23.3:3.8, 4.16S:152.76E, h0km, mb3.1/2, mb1 3.4/2, mb1mx3.1/50, mbtmp3.2/2, Error ellipse: s-maj=184.4km s-min=46.6km az=120.0, New Britain region

IDC 17 14:26:23.3:3.8, 4.16S:152.76E, h0km, mb3.1/2, mb1 3.4/2, mb1mx3.1/50, mbtmp3.2/2, Error ellipse: s-maj=184.4km s-min=46.6km az=120.0, New Britain region

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

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

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

IDC 17 14:28:15.1:0.4, 5.41N:168.91E, h0km, mb4.5/46, mb1 4.6/48, mb1mx4.6/76, mbtmp4.5/48, ML3.2/2, MS3.3/12, Ms1 3.4/12, ms1mx3.1/70, Error ellipse: s-maj=11.9km s-min=8.6km az=163.0

KRSC 17 14:28:17.9:2.7, 54.39N:168.82E, h79km, mb4.9/9, mb4.8/237, MS3.7/16, Error ellipse: s-maj=5.2km s-min=2.9km az=176.6

BUI 17 14:28:17.8:4.5, 94.79N:169.05E, h37km, mb4.7/29, mb5.1/20, Ms4.8/17, Ms7.4/5.1/3

MOS 17 14:28:18.3:0.9, 5.45N:168.91E, h54km, mb4.9/86, Error ellipse: s-maj=5.1km s-min=4.1km az=124.3

NEIC 17 14:28:19.8:0.5, 5.45N:168.86E, h29km, mb4.9/149, Error ellipse: s-maj=4.8km s-min=2.2km az=171.0

ISC 17 14:28:19.6:0.4, 5.46N:168.92E:0.03, h31km, mb2km, h31km: p-P, n795, s1913/867, mb4.8/237, MS3.5/17, 15C-11D, Komandorski Islands region

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

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

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

IDC 17 13:45:19.9:1.5, 3.51N:128.20E, h0km, mb3.5/6, mb1 3.6/6, mb1mx3.4/55, mbtmp3.5/6, Error ellipse: s-maj=95.2km s-min=18.1km az=70.0, North of Halmahera

IDC 17 14:03:11.4:0.4, 6.111S:0.08x23.4W:0.2, h10km, mb4.4/16, MS3.3/5, Error ellipse: s-maj=17.7km s-min=7.6km az=130.6

IDC 17 14:03:12.0:0.6, 2.91S:23.39W, h0km, mb4.2/10, mb1 4.4/11, mb1mx4.1/34, mbtmp4.3/11, ML4.8/1, MS3.3/6, Ms1 3.3/6, ms1mx3.0/29, Error ellipse: s-maj=30.7km s-min=17.4km az=11.0

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

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

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

ISCJB 17 14:03:11.4:0.4, 6.111S:0.08x23.4W:0.2, h10km, mb4.4/16, MS3.3/5, Error ellipse: s-maj=17.7km s-min=7.6km az=130.6

IDC 17 14:03:12.0:0.6, 2.91S:23.39W, h0km, mb4.2/10, mb1 4.4/11, mb1mx4.1/34, mbtmp4.3/11, ML4.8/1, MS3.3/6, Ms1 3.3/6, ms1mx3.0/29, Error ellipse: s-maj=30.7km s-min=17.4km az=11.0

NEIC 17 14:03:16.9:0.5, 6.112S:23.45W, h35km, mb4.5/6, Error ellipse: s-maj=17.3km s-min=9.7km az=202.0

ISC 17 14:03:13.5:0.5, 6.09S:0.1x23.3W:0.1, h10km, n42, s15/33, mb4.3/16, MS3.3/5, South Sandwich Islands region

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VNA1, VNA3, VNA2, etc.

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

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

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like Jordanelle, Laurel Mtn Rad, Pine Spring, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like Qiongzhong, comp=Z,480nm,32.8s, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like Maiden Rock, Seneca I, Swea, etc.

17d 14h

Table with columns: ID, Name, Comp, Z, S, Onm, 1.0s, P, P, 14 38 44.3 -0.7, etc. Includes rows like O40A La Belle, Q38A Cooks Store, P39B Salisbury, etc.

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Table with columns: ID, Name, Comp, Z, S, Onm, 1.0s, P, P, 14 39 03.0 -0.7, etc. Includes rows like S43A Fulton Ridge, U41A Viola, Q46A CEJHS Indians, etc.

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Table with columns: ID, Name, Comp, Z, S, Onm, 1.0s, P, P, 14 39 39.5 +0.1, etc. Includes rows like KBZ Khabaz, ZEI Tsey, KWP Kalwarja Pacla, etc.

17d 15h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like WSF, TWD, DPDB, WHF, WCHH, etc.

CSEM 17 14:37:55.9, 41.47N, 14.54E, h20km, MD1.5/4
ROM 17 14:37:55.9, 41.47N, 14.54E, h20km, MD1.5/4,
MH1.2/3, Error ellipse: s-maj=13.0km s-min=6.4km
az=127.0, Southern Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like BSSO, PTRJ, SACR, SGG, etc.

IDC 17 15:02:03.1-2.9, 10.81S, 163.15E, h0km, mb3.5/3,
mb1 3.7/4, mb1mx3.4/45, mbtm3.6/4, ML4.1/1, Error
ellipse: s-maj=50.4km s-min=44.6km az=74.0,
Bougainville-Solomon Islands region

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

IDC 17 15:05:52.4-3.1, 22.54S, 178.39W, h31km, mb3.0/5,
mb1 3.3/7, mb1mx3.4/49, mbtm3.9/7, Error ellipse:
s-maj=42.8km s-min=17.8km az=147.0,
ISC 17 15:05:56.8-1.0, 22.75S, 0.1x178.4W, h37km, n10,
o5656/11, mb3.2/5, South of Fiji Islands

2012 FEB

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

ISCJJB 17 15:19:24.5-0.4, 24.81N, 0.02E, h3km, 4km,
Error ellipse: s-maj=3.5km s-min=2.8km az=153.6
TAP 17 15:19:24.2, 24.81N, 121.95E, h7km, ML3.2, D
JMA 17 15:19:25.0-1.2, 24.80N, 121.90E, h21km, M2.8
ISC 17 15:19:24.7-0.8, 24.82N, 0.02E, 121.94E, 0.02, h12km, 4km,
n42, o5757/66, 1C-1D, Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like EGS, NTC, TIPB, ILA, ILA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like TWS1, TWS2, ENAH, NNLW, ENA, YM10, YM12, YM04, YM03, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like LIOB, NSTT, HSN, TWT, WHF, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like SMLT, JYNG, ALS, ELDTW, etc.

IDC 17 15:27:39.3-2.1, 22.14S, 179.56W, h579km, 22km,
mb3.4/12, mb1 3.7/13, mb1mx3.4/45, mbtm4.3/13, Error
ellipse: s-maj=25.9km s-min=14.5km az=151.0

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ISCJJB 17 15:27:40.3-0.4, 22.35S, 0.04E, 179.61W, 0.09, h600km,
mb3.9/12, Error ellipse: s-maj=11.2km s-min=5.3km
az=1.9

WEL 17 15:27:45.4-1.3, 23.3S, 10.1x17.8W, 5.3, h627km, 22km
ISC 17 15:27:40.4-0.5, 22.44S, 0.07E, 179.56W, 0.09, h600km,
n78, o202/84, mb3.9/12, 1C, South of Fiji Islands

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

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like ARCH, PB12, MNMC, etc.

Table with columns: PB02, IPOC Station P, 3.46 164 eP, Sn, 15 32 45.0 +0.1, 15 33 21.8 -3.0, 15 33 53.0

Table with columns: LSA, Lhasa, 7.71 108 P, Pn, 15 46 16.7 +1.6, 15 46 31.8 -0.1, 15 48 09.6 -2.4, 15 52 52.4 -2.9

Table with columns: RPR, comp=Z,25um,10.5s, IVMS_BB, IVMS_BB, 15 55 13.0

SJA 17 15:36:40.6:0.5, 32.63S:72.25W, h66km, 6km, ML3.2, MW3.5

SHLS, Shalkode, 11.05 347 eP, Pn, 15 46 57.6 -2.8

KK31, Karatay Array, 14.39 321 P, Pn, 15 47 43.3 -2.6

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

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

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

NDI 17 15:44:18.0:2.3, 32.67N:83.30E, h22km, ML5.0, mb5.2(NEIC)

AAA, Alma-Ata, 11.73 339 eP, Pn, 15 47 09.2 -0.4

POO, Poona, 15.95 212 iPP, Pn, 15 47 55.0 -1.2

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

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

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

KMI		sP	pP	15 48 58.9 +7.9
KMI		PP	PnPn	15 49 01.3 +4.2
KMI		S	S	15 52 04.3 -1.2
KMI		sS	S	15 52 24.8 +7.2
KMI		SS	SsSn	15 52 36.8 +6.5
KMI	comp=Z,230nm,1.1s	pmx	pmx	
KMI	comp=Z,1µm,3.9s	LR	LR	
KMI	comp=Z,3µm,9.5s	LR	LR	
KMI	comp=Z,5µm,10.1s	LR	LR	
KMI	comp=Z,3µm,8.2s	LR	LR	
BRZS	Berezniaki	19.10 340 eP	P	15 48 42.5 -2.1
CMAI	Chiengmai2	19.17 126 P	P	15 48 44.5 -1.3
CMAI	comp=Z,900nm,1.1s			
CHTO	Chiang Mai	19.89 129 P	P	15 48 52.1 -1.4
CHTO	comp=Z,646nm,1.1s,comp=Z,1µm	19.89 129 eP	P	15 48 51.6 -1.9
CHTO	Chiang Mai	19.89 129 eP	P	15 48 51.6 -1.9
CHTO	comp=Z,104nm,0.8s	pmx	pmx	
CHTO	Chiang Mai	19.89 129 eP	P	15 48 51.6 -1.9
CHTO	comp=Z,104nm,0.8s			
CHTO	Chiang Mai	19.89 129 P	P	15 48 52.6 -0.8
CHTO	SNR=41			
CHTO	Chiang Mai	19.89 129 P	P	15 48 52.6 -0.8
CHTO	SNR=41			
CMMT	Chiang Mai	19.89 129 P	P	15 48 50.9 -2.6
CM31	Chiang Mai Arr	20.14 130 eP	P	15 48 55.7 -0.5
CMAR	Chiang Mai Arr	20.14 130 eP	P	15 48 55.7 -0.7
CMAR	comp=Z,107nm,0.8s,baz=313,slow=5,SNR=365	ScP	ScP	15 56 46.5 +1.4
CMAR	comp=Z,2.3nm,1.0s,baz=303,slow=3.1,SNR=9.0	LR	LR	15 59 10.6
CMAR	Chiang Mai Arr	20.14 130 eP	P	15 48 55.5 -0.7
CMAR	comp=Z,110nm,0.8s	pmx	pmx	
CM01	Chiang Mai Arr	20.18 130 eP	P	15 48 54.8 -1.8
HVS	Khovu-Aksy	20.40 200 eP	P	15 48 59.2 +0.3
HVS	comp=Z,37nm,0.6s	pmx	pmx	
LAMP	Lampang	20.55 128 P	P	15 48 59.9 -0.7
GEYT	Alibeck	20.83 292 P	P	15 49 04.4 +0.8
GEYT	comp=Z,51nm,0.8s,baz=108,slow=9.5,SNR=50	LR	LR	15 58 12.3
GEYT	comp=Z,3µm,19.6s,baz=110,slow=40	LR	LR	15 58 12.3
PHRA	Phrae	20.97 127 P	P	15 49 03.9 -1.3
PHRA	comp=Z,219nm,0.9s,comp=Z,1µm			
ZALV	Zalesovo Beam	21.60 3 P	P	15 49 10.8 -0.9
ZALV	comp=Z,66nm,0.6s,baz=186,slow=11,SNR=147	ScP	ScP	15 56 48.1 +0.2
ZALV	comp=Z,2.9nm,0.9s,baz=182,slow=4.5,SNR=5.1	LR	LR	15 59 08.8
ZALV	comp=Z,2µm,18.3s,baz=180,slow=4.1	LR	LR	15 59 08.8
GYA	Guiyang	21.66 100 eP	P	15 49 11.6 -1.1
GYA	comp=Z,198nm,1.1s,comp=Z,2µm	pP	pP	15 49 24.0 +0.5
GYA	comp=Z,198nm,1.1s,comp=Z,2µm	sP	sP	15 49 30.3 +1.0
GYA	comp=Z,198nm,1.1s,comp=Z,2µm	PP	PnPn	15 49 39.8 +6.1
GYA	comp=Z,198nm,1.1s,comp=Z,2µm	S	S	15 53 08.8 -2.5
GYA	comp=Z,198nm,1.1s,comp=Z,2µm	sS	Ss	15 53 15.8 +2.3
GYA	comp=Z,198nm,1.1s,comp=Z,2µm	SS	SsSn	15 53 22.0 +1.3
GYA	comp=Z,198nm,1.1s,comp=Z,2µm	ScP	ScP	15 53 41.0 +5.0
GYA	comp=Z,198nm,1.1s,comp=Z,2µm	pmx	pmx	15 56 47.8 -1.0
GYA	comp=Z,250nm,1.2s	pmx	pmx	
GYA	comp=Z,450nm,5.6s	LR	LR	
GYA	comp=Z,4µm,12.7s	LR	LR	
GYA	comp=Z,3µm,10.6s	LR	LR	
GYA	comp=Z,4µm,10.6s	LR	LR	
XAN	Xi'an	21.97 79 eP	P	15 49 13.8 -2.1
XAN	comp=Z,190nm,1.2s	pP	pP	15 49 24.8 +1.5
XAN	comp=Z,190nm,1.2s	sP	sP	15 49 30.1 +3.4
XAN	comp=Z,190nm,1.2s	S	S	15 53 14.0 -3.1
XAN	comp=Z,190nm,1.2s	sS	Ss	15 53 24.4 -3.6
XAN	comp=Z,190nm,1.2s	pmx	pmx	
XAN	comp=Z,8µm,18.1s	LR	LR	
XAN	comp=Z,6µm,12.6s	LR	LR	
PHIT	Phitsanulok	22.02 129 P	P	15 49 16.6 +0.1
PHIT	comp=Z,198nm,0.9s,comp=Z,2µm			
NVS	Novosibirsk	22.44 1 eP	P	15 49 20.0 -0.7
NVS	comp=Z,198nm,0.9s,comp=Z,2µm	eS	S	15 53 22.8 -2.6
NVS	comp=N,66nm,1.2s	pmx	pmx	
NVS	comp=E,19nm,1.2s	pmx	pmx	
NVS	comp=Z,79nm,1.2s	pmx	pmx	
NVS	comp=N,120nm,2.0s	smax	smax	
NVS	comp=E,76nm,2.0s	smax	smax	
BVA0	Borovoye Array	22.46 340 eP	P	15 49 20.5 -0.4
BVA0	comp=Z,140nm,1.1s	pmx	pmx	
BRVK	Borovoye	22.52 340 eP	P	15 49 21.2 -0.3
BRVK	comp=Z,26nm,0.7s	pmx	pmx	
BRVK	comp=Z,171nm,1.0s	eP	P	15 49 21.7 +0.2
BRVK	Borovoye	22.52 340 P	P	15 49 21.6 0.0
BRVK	SNR=96			
BRVK	Borovoye	22.52 340 P	P	15 49 21.6 0.0
BRVK	SNR=96			
UTHA	Uthaitani	22.63 134 P	P	15 49 23.1 +0.1
UTHA	comp=Z,80nm,0.9s,comp=Z,612nm			
PBKT	Sadao Pong	22.84 129 P	P	15 49 23.4 -1.7
PBKT	comp=Z,234nm,1.0s,comp=Z,3µm			
ENH	Enshi	22.94 88 eP	P	15 49 24.6 -1.7
ENH	comp=Z,20nm,0.5s			
WSAR	Wadi Sarin	23.13 253 P	P	15 49 30.7 +2.5
WSAR	comp=Z,20nm,0.7s,baz=100,slow=7.1,SNR=11.1	LR	LR	16 01 22.1
WSAR	comp=Z,2µm,18.0s,baz=90,slow=44	LR	LR	16 01 22.1
NONG	Nongkai	23.29 123 P	P	15 49 28.7 -1.1
NONG	comp=Z,110nm,1.1s			
BTO	Baotou	23.36 62 eP	P	15 49 29.1 -1.4
BTO	comp=Z,28nm,1.3s	pmx	pmx	
SRDT	SRDT	23.38 136 P	P	15 49 29.6 -1.1
SRDT	comp=Z,119nm,1.0s			
BIDO	Bidbid	23.41 254 P	P	15 49 37.0 +6.0
BIDO	SNR=6.2			
BIDO	Bidbid	23.41 254 P	P	15 49 37.0 +6.0
BIDO	SNR=6.2			
MOY	Mondy	23.44 29 eP	P	15 49 33.0 +1.8
MOY	comp=Z,22nm,2.1s	pmx	pmx	
ZAK	Zakamensk	23.55 34 eP	P	15 49 31.7 -0.5
ZAK	comp=Z,7.0nm,1.7s	pmx	pmx	
SONM	Songino Array	23.65 42 P	P	15 49 33.8 +0.6
SONM	comp=Z,39nm,1.1s,baz=232,slow=7.8,SNR=11.4	PcP	PcP	15 53 17.4 +0.1
SONM	comp=Z,3.9nm,0.9s,baz=239,slow=2.6,SNR=4.5	ScP	ScP	15 56 54.0 +0.4
SONM	comp=Z,2.6nm,0.9s,baz=222,slow=3.5,SNR=8.2	LR	LR	15 58 52.7
SONM	comp=Z,2µm,18.3s,baz=234,slow=37	LR	LR	15 58 52.7
SONA1	Songino Array	23.66 42 eP	P	15 49 33.2 -0.1
AB31	Akbulak array	23.95 321 eP	P	15 49 35.2 -0.7
AB31	comp=Z,35nm,0.6s,baz=116,slow=9.8,SNR=566	pmx	pmx	
AB31	Akbulak array	23.95 321 eP	P	15 49 35.2 -0.7
AB31	comp=Z,35nm,0.6s	pmx	pmx	
CHAI	Chaiyaphum	23.99 129 P	P	15 49 36.4 -0.1
CHAI	comp=Z,11nm,1.1s,comp=Z,47nm			
KHON	Khomkaen	24.24 126 P	P	15 49 38.9 +0.1
KHON	comp=Z,141nm,0.9s,comp=Z,1µm			
UOSS	Minazif	24.38 259 P	P	15 49 41.2 +1.1
HATD	Hatta, Dubai	24.48 259 P	P	15 49 43.5 +2.4
HHC	Hu-ho-hao-te	24.56 62 eP	sP	15 49 42.1 +0.4
HHC	comp=Z,2µm,19.7s	sP	sP	15 49 57.4 +4.4

HHC		S	S	15 53 57.8 -3.2
HHC		sS	sS	15 54 14.8 +0.8
HHC	comp=Z,62nm,1.7s	pmx	pmx	
HHC	comp=Z,330nm,4.6s	LR	LR	
HHC	comp=Z,12µm,16.7s	LR	LR	
HHC	comp=Z,3µm,11.6s	LR	LR	
HHC	comp=Z,4µm,15.1s	LR	LR	
ASHO	Ashiyah	24.60 259 P	P	15 49 51.7 +9.5
ASHO	SNR=7.8			
ASHO	Ashiyah	24.60 259 eP	P	15 49 45.3 +3.1
SKNT	Sakolnakhorn	24.60 124 P	P	15 49 40.5 -1.7
SKNT	comp=Z,72nm,1.1s			
SKNT	Talaya	24.60 32 LR	LR	15 59 34.8
SKNT	comp=Z,1µm,19.0s,baz=226,slow=37	eP	P	15 49 44.0 +2.1
SKNT	Talaya	24.60 32 eP	P	15 49 44.0 +2.1
SKNT	comp=Z,1µm,19.0s,baz=226,slow=37	eS	S	15 54 05.4 +4.1
SKNT	Talaya	24.60 32 eP	P	15 49 44.0 +2.1
SKNT	comp=Z,22nm,1.5s	pmx	pmx	
SKNT	TLY			
SKNT	comp=Z,915nm,12.0s	MLR	MLR	
NAYO	Nakonayok	24.74 132 P	P	15 49 43.8 +0.4
NAYO	comp=Z,196nm,1.1s,comp=Z,2µm			
PHET	Kaeng Krachan	24.82 138 P	P	15 49 45.5 +1.3
PHET	comp=Z,69nm,0.9s,comp=Z,524nm			
TIY	Taiyuan	24.84 69 eP	P	15 49 43.8 -0.5
TIY	comp=Z,88nm,1.2s	smax	smax	15 54 09.0 +3.5
TIY	comp=Z,2µm,11.2s	LR	LR	
TIY	comp=Z,5µm,11.1s	LR	LR	
PALK	Pallekele	25.07 185 P	P	15 49 46.3 0.0
PALK	comp=Z,19nm,1.1s,baz=293,slow=2.3,SNR=5.4	LR	LR	15 59 50.1
PALK	Pallekele	25.07 185 eP	P	15 49 47.8 +1.4
PALK	comp=Z,43nm,1.1s			
ALNE	Al Ain	25.12 258 eP	P	15 49 49.0 +2.1
ALNE	SNR=7.7			
SRAK	Srakaew	25.42 132 P	P	15 49 54.0 +4.5
SRAK	comp=Z,589nm,0.9s,comp=Z,4µm			
AKTO	Aktuyubinsk	25.66 322 P	P	15 49 51.8 +0.4
AKTO	comp=Z,50nm,0.6s,baz=119,slow=8.5,SNR=96	LR	LR	16 01 07.8
AKTO	Aktuyubinsk	25.66 322 eP	P	15 49 51.9 +0.4
AKTO	comp=Z,5µm,18.2s,baz=132,slow=39			
UBPT	Khong Chiam	26.80 124 P	P	15 50 00.7 -1.3
UBPT	comp=Z,156nm,1.0s			
WHN	Wuhan	26.99 85 eP	P	15 50 03.1 -0.6
WHN	comp=Z,170nm,0.9s	sP	sP	15 50 20.6 +0.5
WHN	comp=Z,170nm,0.9s	sP	sP	15 50 48.3 +1.8
WHN	comp=Z,170nm,0.9s	pmx	pmx	15 54 44.3 +4.8
WHN	comp=Z,30µm,13.2s	LR	LR	
WHN	comp=Z,19µm,15.0s	LR	LR	
WHN	comp=Z,12µm,11.6s	LR	LR	
QIZ	Qiongzong	27.73 112 P	P	15 50 07.8 -2.6
QIZ	comp=Z,30nm,1.6s	pmx	pmx	
QIZ	comp=Z,3µm,18.0s	LR	LR	
QIZ	comp=Z,2µm,18.2s	LR	LR	
BJT	Baijiatau	27.92 65 eP	P	15 50 11.0 -1.0
BJT	comp=Z,7.0nm,0.6s	pmx	pmx	
BJT	Baijiatau	27.92 65 eP	P	15 50 11.0 -1.0
BJT	comp=Z,7.3nm,0.6s			
BJI	Beijing	27.93 65 P	P	15 50 12.3 +0.3
BJI	comp=Z,42nm,1.7s	S	S	15 54 52.0 -2.1
BJI	comp=Z,42nm,1.7s	pmx	pmx	
BJI	comp=Z,450nm,3.3s	pmx	pmx	
BJI	comp=Z,8µm,17.2s	LR	LR	
BJI	comp=Z,8µm,17.2s	LR	LR	
PKDT	Phuket	28.37 146 P	P	15 50 19.3 +3.2
PKDT	comp=Z,20nm,1.1s			
TIA	Tai'an	28.59 73 P	P	15 50 17.8 -0.1
TIA	comp=Z,28nm,1.1s	pmx	pmx	
TIA	comp=Z,240nm,3.9s	LR	LR	
TIA	comp=Z,2µm,18.6s	LR	LR	
TIA	comp=Z,2µm,18.6s	LR	LR	
SVE	Sverdlovsk	28.80 335 eP	P	15 50 20.2 +0.7
SVE	comp=Z,3µm,14.0s	pmx	pmx	
ARU	Arti	29.29 332 P	P	15 50 24.2 +0.3
ARU	comp=Z,20nm,0.5s,baz=128,slow=4.3,SNR=60	LR	LR	16 02 50.7
ARU	comp=Z,2µm,19.7s,baz=131,slow=38			
ARU	Arti	29.29 332 eP	P	15 50 24.2 +0.3
ARU	SNR=96			
ARU	Arti	29.29 332 eP	P	15 50 23.9
ARU	SNR=96			
ARU	Arti	29.29 332 eP	P	15 55 17.0 +1.8
ARU	SNR=96			
ARU	Arti	29.29 332 eP	P	15 56 41.6 -0.2
ARU	SNR=96			
ARU	Arti	29.29 332 eP	P	15 50 24.0 +0.1
ARU	SNR=96			
NJ2	Nanjing	30.48 81 eP	P	15 50 34.4 -0.3
NJ2	comp=Z,31nm,0.8s	sP	sP	15 50 52.0 +6.0
NJ2	comp=Z,31nm,0.8s	S	S	15 55 33.9 -0.5
NJ2	comp=Z,3µm,13.6s	pmx	pmx	
GROC	Groznyy	30.88 301 eP	P	15 50 37.6 -0.5
GROC	comp=Z,47nm,0.7s	pmx	pmx	15 51 38.2
GROC	comp=Z,47nm,0.7s	pmx	pmx	
GNI	Garni	31.40 295 P	P	15 50 45.7 +2.8
GNI	comp=Z,32nm,1.0s,baz=315,slow=5.7,SNR=15	LR	LR	16 05 34.1
GNI	comp=Z,992nm,19.1s,baz=91,slow=40	LR	LR	16 05 34.1
GNI	Garni	31.40 295 eP	P	15 50 45.2 +2.3
GNI	SNR=96			
GNI	Garni	31.40 295 eP	P	15 50 45.2 +2.3
GNI	SNR=96			
GNI	Garni	31.40 295 eP	P	15 50 44.6 +1.7

CLNS	comp=Z,2um,14.0s	MLR	MLR				
CLNS	comp=N,739nm,10.0s	MLR	MLR				
ZEA	Zeya	38.08	42	eP	S	15 51 42.0 +1.8	
ZEA				eS	P	15 57 32.0 +0.8	
ZEA	comp=Z,46nm,1.4s			pmax	pmax		
ZEA	comp=N,400nm,11.0s			smax	smax		
ZEA	comp=Z,4um,14.0s			MLR	MLR		
ZEA	comp=E,3um,13.0s			MLR	MLR		
MDJ	Mudanjiang	38.16	58	P	P	15 51 39.8 -1.3	
MDJ				pP	pP	15 51 50.4 +1.2	
MDJ				S	S	15 51 57.0 +4.5	
MDJ				sP	sP	15 57 28.9 -3.8	
MDJ				PcS	PcS	15 57 43.6 -0.7	
MDJ				sS	sS	15 57 47.4 +1.4	
MDJ	comp=E,19nm,0.9s			pmax	pmax		
MDJ	comp=E,290nm,2.8s			LR	LR		
MDJ	comp=E,4um,13.3s			LR	LR		
MDJ	comp=E,2um,12.3s			LR	LR		
MDJ	comp=E,4um,12.9s			LR	LR		
MDJ	Mudanjiang	38.16	58	P	P	15 51 36.2 -4.9	
ASF	Jabal al Asfar	38.16	282	P	P	15 51 45.9 +1.7	
ASF	comp=E,5.7nm,0.8s,baz=37,slow=10,SNR=3.5			LR	LR	16 09 20.5	
DSRI	Dabo	38.67	143	P	P	15 51 46.9 +1.3	
MOS	Moscow	38.97	320	eP	P	15 51 46.3 -1.4	
MOS				eS	pmax	15 53 15.6	
MOS	comp=Z,59nm,0.7s			MLR	MLR		
DAMY	Dhamar	39.11	252	eP	P	15 51 49.9 +0.2	
TGY	Tagaytay City	39.29	109	LR	LR	16 08 55.4	
OBN	Obninsk	39.37	319	eP	P	15 51 50.9 -0.1	
OBN	comp=Z,23nm,0.4s,baz=245,slow=6.8,SNR=13			LR	LR	16 09 32.2	
OBN	comp=Z,3um,19.6s,baz=102,slow=36			LR	LR	15 51 51.2 +0.3	
OBN	Obninsk	39.37	319	eP	P	15 53 22.2	
OBN				iS	S	15 57 50.6 +0.1	
OBN	comp=Z,119nm,1.7s			pmax	pmax		
OBN	comp=Z,3um,18.0s			MLR	MLR		
OBN	Obninsk	39.37	319	eP	P	15 51 51.3 +0.3	
SIM	Simferopol	39.41	303	eP	P	15 51 49.2 -2.3	
SIM				eSS	SS	16 01 04.0 -2.7	
SIM				eSSS	SSS	16 01 50.0	
SIM	comp=Z,27nm,0.9s			pmax	pmax		
SIM	comp=Z,1um,16.0s			MLR	MLR		
MMAI	Mount Meron Ar	39.55	284	P	P	15 51 54.8 +1.8	
MMAI	comp=Z,835nm,18.0s,baz=55,slow=39			LR	LR	16 10 10.1	
MMAI	comp=Z,6.7nm,0.7s,baz=52,slow=9.3,SNR=3.4			LR	LR	15 51 53.4 -1.3	
JOW	Kunigami	39.76	86	P	P	15 51 50.4 -1.3	
JOW	comp=Z,79nm,0.9s,baz=65,slow=4.3,SNR=5.1			LR	LR	16 09 48.2	
USRK	Ussuriysk Ar	39.87	58	P	P	15 51 55.2 -0.1	
USRK	comp=Z,2um,20.0s,baz=264,slow=38			LR	LR	16 10 49.3	
USRK	comp=Z,892nm,21.3s,baz=266,slow=40			LR	LR	15 51 57.5 +1.6	
MASI	Maura Dua	39.90	149	P	P	15 51 57.5 +1.6	
MASI	comp=Z,81nm,0.9s			LR	LR	15 51 53.5 -2.1	
KLMR	Klimovskoe	39.93	329	eP	P	15 51 53.5 -2.1	
KLMR				e	pmax	15 53 26.9	
KLMR	comp=Z,68nm,1.2s			pmax	pmax		
KLMR	comp=Z,68nm,1.2s			AMP	P	15 51 53.6 -2.1	
KLMR	comp=Z,68nm,1.2s			ePP	PP	15 53 26.9 -0.6	
KLMR				LO	LO	16 05 29.9	
KLMR				LR	LR	16 07 16.5	
BR131	Keskin Array S	39.94	295	eP	P	15 51 57.5 +1.3	
BR131	Keskin Array B	39.94	295	eP	P	15 51 57.5 +1.3	
BR131	comp=Z,17nm,0.7s,baz=122,slow=8,SNR=30			LR	LR	15 54 02.5 +1.3	
BRTR	comp=Z,4.9nm,0.9s,baz=108,slow=4.0,SNR=3.8			LR	LR	16 10 14.8	
BRTR	comp=Z,569nm,21.8s,baz=73,slow=39			LR	LR	15 51 56.2 0.0	
KLR	Kul'dur	40.22	76	P	P	16 09 51.2	
KLR	comp=Z,1.7nm,0.8s,baz=275,slow=10,SNR=35			LR	LR	15 51 56.1 -0.1	
KLR	comp=Z,118nm,19.5s,baz=264,slow=38			P	P	15 51 57.5 -0.8	
KLR	Kul'dur	40.22	76	P	P	15 51 57.5 -0.8	
JNU	Nakatsue	40.22	76	P	P	16 10 03.2	
JNU	comp=Z,2.1nm,0.9s,baz=325,slow=4.2,SNR=7.0			LR	LR	15 51 58.5 0.0	
JNU	comp=Z,6.5nm,19.3s,baz=284,slow=38			P	P	15 51 58.5 0.0	
JNU	Nakatsue	40.22	76	eP	P	15 51 59.2 -2.1	
KSM	Kuching	40.25	134	P	P	15 51 57.8 -1.0	
ANTO	Ankara	40.25	295	eP	P	15 51 59.2 -2.1	
ANTO				pmax	pmax		
ANTO	comp=Z,2.1nm,0.7s			pmax	pmax		
ANTO	Ankara	40.57	295	eP	P	15 51 59.2 -2.1	
BR231	Keskin MP Arra	40.59	295	eP	P	15 51 58.4 -3.1	
KDM	Kudat	40.61	121	P	P	15 52 01.4 -0.4	
BTM	Bintulu	40.68	129	P	P	15 51 59.8 -2.5	
KKM	Kota Kinabalu	40.76	123	eP	P	15 52 02.9 -0.2	
SDKM	Sandakan	41.74	122	P	P	15 52 09.2 -1.9	
MDSI	Maura Dua	41.96	147	P	P	15 52 12.2 -0.6	
MDSI	comp=Z,11nm,0.8s			LR	LR	15 52 13.4 +0.6	
TMCR	Tamitsa	42.03	333	eP	P	15 52 13.4 +0.6	
TMCR				pmax	pmax		
TMCR	comp=Z,88nm,0.6s			P	P	15 52 13.3 +0.2	
YAK	Yakutsk	42.06	31	eP	P	15 52 15.5 -0.6	
YAK	comp=Z,26nm,0.8s,baz=150,slow=2,SNR=15			ePP	PP	15 52 18.5 -2.8	
YAK	Yakutsk	42.06	31	eP	P	15 54 10.4	
YAK				eS	S	15 58 30.9 +0.4	
YAK	comp=Z,30nm,1.0s			pmax	pmax		
YAK	comp=N,4.0nm,1.2s			pmax	pmax		
YAK	comp=E,9.0nm,1.3s			pmax	pmax		
YAK	comp=Z,26nm,1.7s			pmax	pmax		
YAK	comp=E,47nm,2.5s			pmax	pmax		
YAK	comp=N,23nm,2.3s			smax	smax		
YAK	comp=N,86nm,2.2s			smax	smax		
YAK	comp=E,128nm,2.7s			MLR	MLR		
YAK	comp=Z,595nm,16.0s			MLR	MLR		
YAK	comp=N,302nm,7.0s			MLR	MLR		
STKI	Sintang	42.08	134	P	P	15 52 14.8 +1.0	
STKI	comp=E,51nm,0.9s			P	P	15 52 15.5 +1.6	
ATD	Arta Tunnel	42.08	250	P	P	16 12 12.8	
ATD	comp=E,34nm,0.9s,baz=210,slow=20,SNR=9.0			LR	LR	15 52 18.0 +1.6	
LWLI	Liwa	42.38	147	P	P	15 52 20.8 0.0	
LWLI	comp=E,47nm,0.8s,comp=E,9um			P	P	15 52 20.8 0.0	
AKASG	Malin Array Be	42.99	311	P	P	15 52 20.8 0.0	
AKASG	comp=E,9.6nm,0.6s,baz=78,slow=7.8,SNR=148			PP	PP	15 54 00.1 -0.6	

AKASG	comp=E,2.6nm,0.7s,baz=85,slow=10,SNR=3.5	LR	LR			16 12 59.5	
AKASG	comp=E,2um,19.0s,baz=100,slow=40	LR	LR			15 52 20.7 -0.1	
AKASG	Malin Array Be	42.99	311	P	P	15 52 20.7 -0.1	
AKASG	comp=Z,22nm,0.6s			pmax	pmax		
AKBB	Malin Array Si	42.99	311	eP	P	15 52 20.2 -0.6	
AKBB	comp=Z,27nm,0.6s			pmax	pmax		
AKBB	Malin Array Si	42.99	311	eP	P	15 52 20.2 -0.6	
AKBB	comp=Z,27nm,0.6s			pmax	pmax		
KIEV	Kiev	43.00	311	d P	P	15 52 20.0 -0.9	
KIEV	comp=Z,20nm,0.9s			pmax	pmax		
KIEV	Kiev	43.00	311	eP	P	15 52 19.6 -1.2	
KIEV	comp=Z,28nm,0.5s			P	P	15 52 20.9 0.0	
KIEV	Kiev	43.00	311	P	P	15 52 18.8 -2.5	
KIEV	comp=Z,20nm,0.9s			P	P	15 52 20.9 -0.2	
KIEV	Kiev	43.00	311	eP	P	15 52 22.0 +0.5	
MYDLI	Lahad Datu	43.02	121	P	P	15 52 21.5 -0.5	
AK11	Malin Array Si	43.02	311	eP	P	15 54 06.0	
KASI	Kota Agung	43.02	147	P	P	15 52 21.0 -1.0	
GRNR	Gornyy	43.12	48	eP	P	15 52 21.0 -1.0	
GRNR	comp=Z,66nm,1.1s			pmax	pmax	15 52 21.0 -4.5	
KIS	Kishinev	43.12	306	eP	P	15 52 21.0 -4.5	
KIS				eS	MLR	16 11 00.0	
KIS	comp=Z,1um,20.0s			LRM	MLR		
KIS	Kishinev	43.12	306	eP	P	15 52 21.0 -1.0	
KIS				e	S	15 52 32.0	
KIS				eS	MLR	15 58 42.0 -4.5	
KIS				MLR	MLR		
TSM	Tawau	43.16	123	P	P	15 52 21.1 -1.5	
TLCR	Tesorca	43.16	303	P	P	15 52 24.2 +1.9	
SORC	Soroca	43.45	308	P	P	15 52 34.8 +0.9	
SORC	Soroca	43.45	308	P	P	15 52 24.6 0.0	
LEOM	Leova	43.52	305	P	P	15 52 26.0 +0.9	
LEOM	Leova	43.52	305	P	P	15 52 26.1 +0.9	
CFR	Carcaiu	43.64	303	P	P	15 52 27.3 +1.1	
TLB	Topalu	43.74	303	P	P	15 52 28.1 +1.1	
HARS	Harsova	43.81	303	P	P	15 52 29.0 +1.5	
MICGM	Minsk	44.17	317	eP	P	15 52 31.0 +0.7	
MICGM				eLR	LR	15 54 14.0	
MICGM				eLR	LR	16 11 00.0	
MNK	Minsk	44.17	317	eP	P	15 52 31.0 +0.7	
MNK				e	P	15 54 14.0	
PETR	Petresi	44.25	304	P	P	15 52 32.4 +1.3	
JOF	Joensuu	44.31	329	P	P	15 52 31.9 +0.6	
ODBI	Odobesti	44.37	304	P	P	15 52 34.8 +2.7	
GRER	Grera	44.42	304	P	P	15 52 34.8 +2.7	
VRI	Vrincioiaia	44.60	304	P	P	15 52 35.8 +1.9	
VRI				pmax	pmax		
VRI	Vrincioiaia	44.60	304	P	P	15 52 35.8 +1.9	
TESR	Tescani	44.62	305	P	P	15 52 35.8 +1.9	
PLOA	Plostina	44.65	304	P	P	15 52 36.2 +1.8	
PLOA	Plostina	44.65	304	P	P	15 52 36.2 +1.8	
HORU	Horodok	44.73	309	P	P	15 52 34.1 -0.8	
ISR	Istrita	44.77	303	P	P	15 52 38.3 +3.0	
NACGM	Naroch	44.85	317	eP	P	15 52 29.0 -6.7	
NACGM				eLQ	LQ	16 07 16.0	
NACGM				eLR	LR	16 11 14.0	
PRAR	RASCA	44.88	307	P	P	15 52 36.1 -0.1	
IDBI	Didziasiai	44.92	318	eP	P	15 52 37.0 +0.7	
IDBI				IAMB	IAMB	15 52 37.8	
MTKI	Muara Teweih, K	44.99	131	P	P	15 52 40.1 +2.8	
MTKI	comp=Z,9.7nm,0.6s			P	P	15 52 39.3 +2.2	
MTKI	comp=Z,24nm,0.9s			P	P	15 52 40.8 +2.9	
SULR	Mahe Island	45.01	303	P	P	15 52 40.8 +2.9	
MSEY	Meseni	45.04	220	P	P	15 52 40.7 +2.2	
SECR	Secara	45.11	303	P	P	15 52 40.7 +2.2	
MLR	Muntele Rosu	45.17	304	eP	P	16 15 43.1	
MLR	comp=Z,38nm,0.8s,baz=223,slow=8.6,SNR=12.1			LR	LR		
MLR	Muntele Rosu	45.17	304	eP	P	15 52 40.3 +1.7	
MLR	comp=Z,165nm,0.8s			P	P	15 52 40.9 +2.3	
MLR	Muntele Rosu	45.17	304	P	P	15 52 40.3 +1.7	
MLR	comp=Z,165nm,0.8s			P	P	15 52 39.5 +0.8	
IIGN	Ignalina	45.22					

Table with columns for event name, date, time, and status. Includes events like PLE Plijevja, OKC Ostrava-Krasne, KMSI Cibinong, etc.

Table with columns for event name, date, time, and status. Includes events like LJU Ljubljana, NSS Namsos, GECZ GECZ, etc.

Table with columns for event name, date, time, and status. Includes events like HYA Hoyanger, BLS5 Blasjo, DAVA Damuels, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARCESS Array S, NORARS Subarra, and various HFS/HAG stations.

ISCJB 17 16:34:56.7-0.9, 71.59N, 0.09-1.4W, 0.3, h10km, mb3.1/6, Error ellipse: s-maj=16.7km s-min=10.0km az=140.3

NAO 17 16:34:59.1-6.4, 71.58N, 1.00W, ML3.4

BER 17 16:35:04.2-5.6, 71.58N, 1.00W, h15km, 719km, ML3.4(NAO)

ISC 17 16:34:58.3-1.0, 71.61N, 0.1-1.7W, 0.1, h10km, n24, @120/26, mb3.2/6, Jan Mayen Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Lofoten, Spitsbergen, and various HFS/HAG stations.

MAN 17 16:47:35.9, 9.92N, 122.91E, h3km, mb4.2, ML3.0, MS2.7, 2C-2D, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Sibulan, Jordan, Lapu-Lapu, and various HFS/HAG stations.

Table with columns: OCLP, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Musuan, BUKP, and various HFS/HAG stations.

Code Station Name Az Az' Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Scoresbysund, Lofoten, Tromsø, and various HFS/HAG stations.

Table with columns: SGF, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Sodankyl, SUE, HYA, and various HFS/HAG stations.

IDC 17 17:27:46.0, 1.7, 59.60N, 153.20W, h70km, 23km, mb3.3/5, mb1 3.5/8, mb1mx3.1/66, mltmp3.6/8, Error ellipse: s-maj=27.2km s-min=10.7km az=106.0

NEIC 17 17:27:49.1, 0.0, 59.53N, 152.94W, h86km, ML3.1(AEIC), After AEIC.

ISC 17 17:27:47.8, 0.7, 59.53N, 152.90W, 0.04, h96km, 6km, n102, s1913/127, mb33.7/5, Southern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists various seismic stations and their associated data.

ellipse: s-maj=15.1km s-min=13.4km az=97.0
ISC 17 17:28:58.1, 0.8, 43.63S, 0.2, 15.9W, 0.2, h10km, n21, s0529/20, mb4.4/4, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists seismic stations for the Southern Mid-Atlantic Ridge event.

ISC 17 17:31:31.5, 38.77N, 43.24E, h21km, ML2.8/3
CSEM 17 17:31:32.6, 0.3, 38.80N, 43.24E, h10km, ML2.8, Error ellipse: s-maj=7.7km s-min=5.2km az=143.0

DDA 17 17:31:33.0, 38.78N, 43.28E, h7km, ML2.9
ISC 17 17:31:31.7, 1.1, 38.75N, 0.0, 0.03, 43.28E, 0.03, h34km, 2km, n18, s059/33, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists seismic stations for the Turkey event.

IDC 17 17:33:37.0, 1.1, 23.49N, 121.84E, h0km, mb3.7/12, mb1 3.8/12, mb1mx3.6/71, mbtmp3.7/12, MS2.7/1, Ms1 2.7/1, ms1mx2.4/62, Error ellipse: s-maj=31.8km s-min=22.4km az=66.0

ISC/JB 17 17:33:42.0, 0.3, 23.66N, 0.0, 121.69E, 0.02, h24km, 2km, mb3.6/12, Error ellipse: s-maj=2.8km s-min=1.9km az=34.0

TAP 17 17:33:43.0, 23.66N, 121.59E, h21km, ML4.3, B
JMA 17 17:33:42.4, 0.3, 23.66N, 121.67E, h24km, 2km, M3.6
BJI 17 17:33:42.4, 23.75N, 121.56E, h6km, mb3.8/1, ML3.4/3, Ms7.3/1

ISC 17 17:33:42.4, 0.3, 23.66N, 0.0, 121.67E, 0.02, h26km, 5km, n121, s085/170, mb3.7/12, 4C-27D, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists seismic stations for the Taiwan event.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists seismic stations for various other events.

ISC/JB 17 17:28:56.3, 1.0, 43.63S, 0.2, 15.9W, 0.3, h10km, mb4.4/4, MS3.6/2, Error ellipse: s-maj=31.3km s-min=23.1km az=14.9

IDC 17 17:28:56.7, 0.9, 43.64S, 15.88W, h0km, mb4.1/3, mb1 4.2/3, mb1mx3.7/37, mltmp4.1/3, MS3.5/2, Ms1 3.5/2, ms1mx2.9/31, Error ellipse: s-maj=38.1km s-min=30.6km az=100.0

NEIC 17 17:28:58.2, 0.3, 43.65S, 15.93W, h10km, mb4.2/1, Error

Table with columns: MKAR, GEYT, SOMM, PDAR, TORD, YBH, TXAR, TXAR, JOW, WRA, ASAR. Includes station names, coordinates, and various parameters like SNR and time.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes station names like LAPU-LAPU, JORDAN, MAASIN.

ISJCJB 17 18:20:13.7, 0.0225, 15N, 107.4231E, 0.04, h56km, 3km, mb3.7/17, Error ellipse: s-maj=12.1km s-min=4.1km az=161.7

IDC 17 18:20:25.3, 8.24, 15N, 124.31E, h39km, 34km, mb3.7/17, mb1.3/8.20, mb1mx3.6/6.4, mbtmp3.9/20, ML3.1/3, Error ellipse: s-maj=20.7km s-min=18.4km az=83.0

JMA 17 18:20:25.0, 0.1, 24.16N, 124.32E, h38km, 3km, M3.7, JMA Feilij

ISC 17 18:20:24.2, 1.0, 24.16N, 124.31E, 0.04, h45km, 7km, n39, -0.093/46, mb3.9/17, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes station names like Ishigaki jima, Kuro-shima, Ishigakijimahi, Hateruma jima, etc.

Table with columns: MKAR, ZALV, KURBB, WRA, ASAR, ILAR, SPITS, ARCSES, FINES, AKASA, HFS, NB2, NOA, YKA. Includes station names and various parameters.

SOME 17 18:20:13.7, 40.02N, 77.63E, h0km KRNET 17 18:20:15.1, 0.1, 39.95N, 77.38E, mb0.9 NNC 17 18:20:21.2, 3.7, 40.12N, 77.11E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=39.2km s-min=16.7km az=143.0

ISC 17 18:20:26.2, 6.40, 13N, 107.7712E, 0.04, h4km, 16km, n44, -0.196/74, 27C-9D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes station names like Naryn, Kajisay, Ulahol, Kyzart, KZ, YKA, BOOM.

Table with columns: BOOM, SFK, SFK, SFK, SFK, UCH, UCH, UCH, TNSS, TNSS, IZV, IZV, KBK, KBK, KBK, KBK, MDOK, MDOK, MDOK, MDOK, KST, KST, MTBS, SATY, SATY, AAK, AAK, AAK, AAK, ZHN, ZHN, DGL, DGL, DGS, UZB, UZB, ARSB, ARSB, CHMS, CHMS, CHMS, KURS, KURS, SHLS, KPKS, KPKS, EKS2, EKS2, EKS2, PDGK, PDGK, PDGK, PDGK, PDGK, PDGK, USP, CHHK, CHHK, KTMES, KTMES, MNAS, MNAS, DJR, DJR, DJR, KAPS, KAPS, KAPS, KK31, KK31. Includes station names and various parameters.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes station names like Tokmak 2, Tokmak 2, Medeo, Medeo, Kestek, Kestek, Kastek, Kastek, Al-Arch, Al-Arch, Zhanishek, Zhanishek, Almayashu, Degeres, Degeres, Uzynbulak, Uzynbulak, Arslanbob, Chumysht, Chumysht, Kurum, Kurum, Shalkode, Kokek, Kokek, Erkin-Say, Erkin-Say, Erkin-Say, Podgornoye, Podgornoye, Podgornoye, Podgornoye, Podgornoye, Osenpovka, Chushkaly, Chushkaly, Ketmen, Ketmen, Manas, Manas, Jarkent, Jarkent, Jarkent, Kypalargas, Kypalargas, Kypalargas, Karatay Arr, Karatay Arr, Karatay Arr, Namle, Namle, Ambon, Ambon, MSAI, MSAI, SANI, SANI, LBMI, LBMI, BNDI, BNDI, TNTI, TNTI, TNTI, Sorong, Sorong, Sorong, Sorong, Slul, Slul.

ISJCJB 17 18:20:56.1, 0.3, 3.00S, 127.45E, 0.03, h42km, mb4.6/17, MS2.6/1, Error ellipse: s-maj=5.0km s-min=4.3km az=140.8

DJA 17 18:20:57.6, 0.2, 3.2, 12.7E, h10km, M4.5/11, mb4.8/9, mb5.0/6, MLV4.6/11, Mw(mb)4.3/6

NEIC 17 18:20:58.9, 0.6, 2.98S, 127.50E, h50km, 6km, mb4.7/17, Error ellipse: s-maj=9.2km s-min=5.7km az=58.0

IDC 17 18:20:59.4, 2.3, 3.06S, 127.60E, h55km, 19km, mb3.5/6, mb1.3/8.2, mb1mx3.5/5.4, mbtmp3.9/8, ML4.4/3, MS2.9/2, Ms=1.2/9.2, ms1mx2.4/3.5, Error ellipse: s-maj=20.4km s-min=15.7km az=100.0

ISC 17 18:20:57.8, 0.5, 2.96S, 127.44E, 0.05, h42km, n65, -0.153/67, mb4.8/17, Ceram Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes station names like Namle, Ambon, MSAI, SANI, LBMI, BNDI, TNTI, Sorong, Slul, etc.

ISJCJB 17 18:21:25.5, 0.0, 18.90N, 67.55W, h92km, MD2.9(RSPR), After RSPR, RSPR 17 18:21:25.5, 18.90N, 67.55W, h92km, 2km, MD2.9/6, 12C, Manila Passage

NEIC 17 18:21:25.5, 0.0, 18.90N, 67.55W, h92km, 2km, MD2.9/6, 12C, Manila Passage

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes station names like Aguililla, Mayaguez, Las Mesas, LSP, LSP, AOPR, AOPR, AOPR, CRPR, CRPR, CRPR, EMPR, EMPR, EMPR, EMPR, Cerrillos, Cerrillos, CELP, CELP, SJJG, SJJG, SJJG, Canovanas, Loma Pena Alta, Loma Pena Alta, DR12, DR12, STVI, STVI, Presa de Saban, Presa de Saban.

Table with columns: FAKI, FAKI, FAKI, KMSI, LUWI, LUWI, LUWI, BBSI, APSI, SAUI, SAUI, SAUI, SAUI, SOEI, TTSI, MMRI, SPSI, KAPI, MPPI, MTN, WYLD, FITZ, FITZ, FITZ, FITZ, KSM, WRAB, WRA, WRA, WRI, WRI, WRI, COEN, MBWA, CISI, AS31, ASAR, ASAR, ASAR, ASAR, ASO1, XMSI, FOR, JOW, GSI, BBOO, COCO, STKA, STKA, STKA, STKA, EIDS, CHMS, CHMS, ARMA, CAN, LSA, SONAO, SONAO, URZ, MK01, MK01, MK01, MK01, GSPA, TORD, TOA1, CPUP, CPUP. Includes station names and various parameters.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes station names like Lapu-Lapu, Jordan, Maasin, etc.

NEIC 17 18:21:25.5, 0.0, 18.90N, 67.55W, h92km, 2km, MD2.9/6, 12C, Manila Passage

RSPR 17 18:21:25.5, 18.90N, 67.55W, h92km, 2km, MD2.9/6, 12C, Manila Passage

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes station names like Aguililla, Mayaguez, Las Mesas, LSP, LSP, AOPR, AOPR, AOPR, CRPR, CRPR, CRPR, EMPR, EMPR, EMPR, EMPR, Cerrillos, Cerrillos, CELP, CELP, SJJG, SJJG, SJJG, Canovanas, Loma Pena Alta, Loma Pena Alta, DR12, DR12, STVI, STVI, Presa de Saban, Presa de Saban.

NEIC 17 18:21:25.5, 0.0, 18.90N, 67.55W, h92km, 2km, MD2.9/6, 12C, Manila Passage

RSPR 17 18:21:25.5, 18.90N, 67.55W, h92km, 2km, MD2.9/6, 12C, Manila Passage

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes station names like Aguililla, Mayaguez, Las Mesas, LSP, LSP, AOPR, AOPR, AOPR, CRPR, CRPR, CRPR, EMPR, EMPR, EMPR, EMPR, Cerrillos, Cerrillos, CELP, CELP, SJJG, SJJG, SJJG, Canovanas, Loma Pena Alta, Loma Pena Alta, DR12, DR12, STVI, STVI, Presa de Saban, Presa de Saban.

MAN 17 18:45:23, 10.16N, 123.32E, h1km, mb4.1, ML2.9, MS2.5, Cebu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes station names like Lapu-Lapu, Jordan, Maasin, etc.

IDC 17 19:01:00.9, 1.9, 8.12S, 130.66E, h0km, mb3.5/1, mb1 3.6/5, mb1mx3.3/4h, mbmp3.4/5, ML3.4/4, Error ellipse: s-maj=70.8km s-min=25.3km az=86.0, Tanimbar Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
SJI	Sorong	7.23	5	Op	19 02 48.6	+0.6
SJI		0.6nm, 0.3s, baz=215, slow=19, SNR=1.9		Pn		
FITZ	Fitzroy Crossi	11.06	26	Pn	19 03 40.5	0.0
FITZ		0.2nm, 0.3s, baz=24, slow=12, SNR=8.2		Pn		
WRA	Warramunga Arr	12.28	164	Pn	19 03 57.6	+0.4
WRA		0.2nm, 0.3s, baz=349, slow=12, SNR=15		Pn		
ASAR	Alice Springs	15.77	169	Pn	19 04 44.3	-0.3
ASAR		0.2nm, 0.3s, baz=334, slow=22, SNR=2.9		Pn		
ASAR		0.2nm, 0.3s, baz=345, slow=8.4, SNR=8.3		Pn		
MKAR	Makanchi Array	69.52	327	P	19 12 11.3	-0.2
MKAR		0.2nm, 0.5s, baz=129, slow=7.3, SNR=4.7		P		

ISK 17 19:09:50.2, 38.79N, 43.24E, h16km, ML2.6/3
 ISCJB 17 19:09:51.0, 4.0, 5.38, 77N, 0.03, 43.26E, 0.04, h26km, 5km,
 Error ellipse: s-maj=6.1km s-min=5.1km az=35.6
 CSEM 17 19:09:51.0, 2.0, 38.79N, 43.25E, h10km, ML2.6, Error
 ellipse: s-maj=5.9km s-min=4.5km az=129.0
 DDA 17 19:09:51.3, 38.76N, 43.27E, h7km, ML2.7
 ISC 17 19:09:50.9, 1.0, 38.75N, 0.03, 43.29E, 0.03, h30km, 7km,
 n26, c068/41, Turkey

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
VANB	Van	0.18	153	PG	19 09 57.4	+0.3
VANB				SG	19 10 01.9	+0.8
VANB				eSg	19 10 05.4	-0.3
VANB				Sb	19 10 09.1	+0.8
TVAN	Van	0.24	157	P	19 09 57.4	-0.4
TVAN				Sb	19 10 02.3	-1.2
TVAN				Sb	19 10 02.5	0.0
ERCV	ERCIS-VAN	0.27	9	PG	19 09 57.1	-1.0
ERCV				Pb	19 09 57.1	-1.0
VMUR	Van-Muradiye	0.32	43	P	19 09 58.7	-0.1
VMUR				Sb	19 10 04.8	+0.6
VMUR				Sb	19 10 04.8	+0.6
ADCV	BITLIS_Adilcev	0.44	277	iP	19 10 06.4	-0.7
ADCV				Sb	19 10 06.4	-0.7
ADCV				P	19 10 06.4	-0.7
ADCV				Sb	19 10 06.4	-0.7
GEVA	Gevas	0.47	202	P	19 10 00.5	-0.5
GEVA				Pb	19 10 00.5	-0.5
CLDR	Caldiran	0.63	51	PG	19 10 02.6	-0.9
CLDR				Sb	19 10 12.0	-0.2
CLDR				Sb	19 10 12.0	-0.2
CLDR				Sb	19 10 12.5	+0.3
CLDR				Sb	19 10 02.3	-1.2
CLDR				Sb	19 10 02.6	-0.9
CLDR				Sb	19 10 12.0	-0.2
AGRB	Hanur-Agry	0.85	345	eSg	19 10 06.9	-0.4
AGRB				Sb	19 10 18.8	+0.3
AGRB				Sb	19 10 06.9	-0.4
AGRB				Sb	19 10 18.8	+0.3
GURO	Guroymak-BITLI	1.00	259	PG	19 10 02.6	-0.6
GURO				Sb	19 10 22.6	-0.1
GURO				Sb	19 10 02.6	-0.6
GURO				Sb	19 10 22.6	-0.1
SIRN	S-rnak	1.43	209	iP	19 10 17.6	+0.6
SIRN				Pb	19 10 17.6	+0.6
TASB	TASBURUN-IGDIR	1.43	31	PN	19 10 16.1	+1.2
TASB				ePn	19 10 17.0	-0.7
CUKT	Cukurca	1.52	170	ePn	19 10 17.9	-0.7
CUKT				Pb	19 10 17.9	-0.7

GUVC 17 19:11:17.6, 0.4, 37.24S, 74.26W, h21km, 3km, ML4.2
 IDC 17 19:11:17.9, 1.0, 37.24S, 73.92W, h0km, mb3.8/5,
 mb1 4.0/7, mb1mx3.8/34, mbmp3.7/7, ML3.7/2, MS3.6/4,
 Ms1 3.5/4, ms1mx3.1/31, Error ellipse: s-maj=31.7km
 s-min=17.8km az=76.0
 ISCJB 17 19:11:21.0, 0.5, 37.19S, 0.04, 73.90W, 0.08, h33km,
 mb4.5/12, MS4.0/2, Error ellipse: s-maj=9.3km
 s-min=6.0km az=11.1
 NEIC 17 19:11:22.6, 0.4, 37.23S, 73.79W, h35km, mb4.3/10, Error
 ellipse: s-maj=11.4km s-min=7.3km az=89.0
 ISC 17 19:11:22.0, 0.6, 37.18S, 0.05, 74.00W, 0.08, h35km, n44,
 c170/48, mb4.3/12, LD, Near coast of central Chile

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
COCH	Cobquecura	1.43	43	Op	19 11 44.8	+0.6
COCH				Pn	19 12 02.9	0.0
COCH				IAML	19 12 14.2	
CCHI	Chilian	1.64	70	eP	19 11 48.2	-0.2
CCHI				Pn	19 12 11.7	+3.4
CCHI				IAML	19 12 30.7	
TMU	Temuco	1.90	145	iP	19 11 50.5	-1.4
TMU				Sn	19 12 17.8	+3.2
TMU				IAML	19 12 29.3	
GO05	Hualae0	2.74	38	ePn	19 12 03.2	-0.3
GO05				Pn	19 12 03.2	-0.3
GO05				iS	19 12 38.4	+3.0
GO05				IAML	19 13 00.5	
GO06	Curarrehue	1.31	141	eP	19 12 07.9	-0.7
GO06				Pn	19 12 48.9	+4.2
GO06				IAML	19 13 01.5	
PLCA	Paso Flores	4.45	144	Pn	19 12 26.3	-0.7
PLCA				Lg	19 13 36.4	
PLCA				Lg	19 14 04.3	
PLCA				Lg	19 12 26.6	-0.4
PLCA				eSg	19 13 29.7	+1.2
PLCA				Lg	19 13 36.4	
LMEL	Las Melosas	4.54	44	ePn	19 12 31.8	+0.4
ROCI	El Roble	4.86	31	ePn	19 12 31.8	-1.0
ROCI				eSg	19 13 26.3	-1.7
ROCI				Lg	19 13 53.9	
ROCH	El Roble	4.86	31	ePn	19 12 32.6	-0.3
LCO	Las Campanas	8.61	20	ePn	19 13 22.7	-1.6
LCO				eSg	19 14 57.9	-2.9
TRQA	Tornquist	9.57	99	ePn	19 13 35.1	-2.2
CHRN	Cochrane	10.11	175	ePn	19 13 41.0	-3.5
PB11	IPOC Station P	17.77	14	ePn	19 15 24.2	-2.5
CPUP	Villa Florida	17.80	57	P	19 15 26.8	-0.7
CPUP				LR	19 22 14.8	
CPUP				P	19 15 26.4	-1.1
EFI	East Falkland	18.36	147	ePn	19 15 31.2	-2.4
MNMC	Miny Miney	18.39	13	ePn	19 15 35.7	+1.2
LPAZ	La Paz	21.45	16	P	19 16 09.7	+1.8
LPAZ				P	19 16 07.2	-0.7
SIV	Sao Paulo	24.02	32	P	19 16 35.1	+1.5
SPB	Sao Paulo	26.51	67	eP	19 16 57.7	+1.5
BDFB	Brasilia	31.47	54	eP	19 17 39.6	-0.9
OTAV	Otavalo	34.76	353	eP	19 18 32.1	-0.6
PRAC	Prado	40.70	359	eP	19 19 01.5	+2.3

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
HELCO	Santa Helena	43.17	358	eP	19 19 21.4	+1.6
SDV	Santo Domingo	45.93	5	eP	19 19 42.8	+1.2
QSPA	South Pole Qui	53.06	180	P	19 20 36.8	+1.4
LTX	Lajitas	71.78	333	eP	19 22 43.3	+2.4
TX31	Lajitas Ar. Si	71.78	333	eP	19 22 42.8	+1.9
TXAR	Lajitas Array	71.78	333	P	19 22 43.3	+2.4
RAR	Rarotonga	74.25	255	LR	19 46 31.4	
RAR				P	19 22 57.2	+1.5
BRMM	Rolling Bench	85.46	324	eP	19 23 53.6	-2.3
TORD	Torodi Arr	86.78	71	P	19 24 03.7	+0.9
TOA1	Torodi Arr. Sit	86.78	71	eP	19 24 03.7	+0.9
MDT	Midwell	95.04	52	LR	20 07 50.3	
WRI	Warramunga Arr	117.21	210	ePKPdf	19 30 04.2	+0.2
WRI				PKPdf	19 30 04.2	+0.2
MK32	Makanchi Array	159.99	54	PKPab	19 31 58.0	+1.2
MKAR	Makanchi Array	159.99	54	PKPab	19 31 58.0	+1.2
SONAO	Songino Array	169.35	359	ePKPab	19 32 37.9	0.0
SONM	Songino Array	169.35	359	PKPab	19 32 37.9	0.0

MAN 17 19:11:27, 11.61N, 125.26E, h32km, mb3.9, ML2.7, MS2.2, 1D, Samar

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
BESP	Borongan	0.18	93	Op	19 11 35.2	+1.7
PLP	Palo	0.52	212	eP	19 11 39.0	+0.8
CNP	Catarman	1.07	327	eS	19 11 46.0	+0.3
CNP				eS	19 11 59.7	+0.2

DDA 17 19:25:23.9, 38.63N, 37.39E, h7km, ML2.5
 ISK 17 19:25:23.6, 38.66N, 37.49E, h3km, ML2.6/4
 ISCJB 17 19:25:24.0, 0.5, 38.64N, 0.03, 37.43E, 0.04, h5km, 5km,
 Error ellipse: s-maj=5.7km s-min=4.3km az=137.2
 CSEM 17 19:25:24.0, 0.2, 38.66N, 37.44E, h2km, ML2.6, Error
 ellipse: s-maj=4.5km s-min=4.1km az=77.0
 ISC 17 19:25:24.1, 0.9, 38.65N, 0.02, 37.44E, 0.03, h6km, 7km,
 n28, c0951/40, Turkey

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
DARE	Darende-Malaty	0.09	155	PG	19 25 25.9	-0.2
DARE				SG	19 25 27.6	+0.1
DARE				Pg	19 25 25.9	-0.2
DARE				iSg	19 25 27.6	+0.1
CUGUR	Gurin_S'VAS	0.15	300	iP	19 25 27.1	-0.1
CUGUR				iS	19 25 25.9	+0.2
CUGUR	Gurin_S'VAS	0.15	300	P	19 25 27.1	-0.1
CUGUR				Sg	19 25 29.5	+0.2
ELBS	KAHRAMANMARAS0	0.40	216	iP	19 25 31.3	-0.6
ELBS				Pg	19 25 31.3	-0.6
HEKM	Malatyia_Hekimh	0.47	60	S	19 25 43.5	+0.3
HEKM				S	19 25 41.6	-0.4
HEKM	Malatyia_Hekimh	0.47	60	P	19 25 33.5	+0.3
HEKM				Sb	19 25 41.7	-0.4
AKCD	Akcadag	0.52	133	iP	19 25 34.5	+0.4
AKCD				Sb	19 25 42.5	-1.0
AKCD				Sb	19 25 34.5	+0.4
AKCD				Sb	19 25 42.5	-1.0
CUKAN	kangal_SIVAS	0.67	2	iP	19 25 36.5	-0.5
CUKAN				Sb	19 25 47.2	-0.6
CUKAN	kangal_SIVAS	0.67	2	P	19 25 36.5	-0.5
CUKAN				Pg	19 25 47.2	-0.6
MALT	Malatyia	0.85	113	PG	19 25 39.6	-0.7
MALT				SG	19 25 41.2	+0.8
MALT	Malatyia	0.85	113	eP	19 25 39.6	-0.7
MALT				eSg	19 25 41.2	+0.8
ILIC	ilic-Erzincan	1.19	47	PN	19 25 46.5	-0.4
ILIC				Pn	19 25 47.9	-0.6
KMRS	Kahramanmaras	1.22	201	ePn	19 25 48.1	+0.5
KMRS				Pn	19 25 48.1	+0.5
BNN	Bunyan	1.26	280	PN	19 25 49.1	+0.8

ARSA comp=Z:2.1nm,0.3s Sg Sg 20 08 21.4 -0.3

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BATI Baumata, WRA Warramunga Arr, WRA Alice Springs, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, FITZ Fitzroy Crossi, ASAR Alice Springs, ASAR Alice Springs, MKAR Makanchi Array.

NEIC 17 20:16:55.6:0.0, 19:12N:67.72W, h31km, MD2.8(RSPR), After RSPR.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like AGPR Aguadilla, IMPR Mona Island, LSP Las Mesas, AOPR Arecibo Observ, CRPR Cabo Rojo, EMPR Esperanza, CELP Cerrillos, OBIP Obispo Ponce, SJG San Juan, CBDY Canovanas, SBPR Presa de Saban.

KRSC 17 20:19:36.0:0.7, 54.79N:163.30E, h46km, 20km, ML3.7, Off east coast of Kamkatka Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KBTR Krutoberegovo, BKI Bering, KZV Kizimen, TUMR Tumrok, CIRR Tsirk, BZMR Bezymyannaya, LGNR Loginova, LGNR Bezymyanni-We, KMINR Kamenistaya, KIRR Kirishev, SMKR Semkarok, KRKR Krestovskiy, KPT Koytlo, BDR Baidarnaya, SRKR Sorokina, GEYT Gezyrevskiy, KOZ Kozymysk, KII Kairyevskiy, SPN Mys Shipunskiy, NLC Nalychchevo, ESO Eso, SDLR Sedlovina, SMAR Somma, UGLR Ugljovaya, KRK Arik, AVH Avacha, KOK Koryak, DALK Dalny, PET Petropavlovsk, GNL Ganaly, KRMR Karymshinskiy, KRMV Mutnovka, ASAK Asacha, APC Apacha, TILK Tilichiki.

IDC 17 20:26:22.8:4.3, 5.97S:148.99E, h0km, mb2.8/1, mb1 3.4/3, mb1mx3.2/43, mbtmp3.2/3, ML3.3/1, Error ellipse: s-maj=148.7km s-min=38.9km az=110.0, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, TORD Torodi Ar. Bea, TORD Torodi Ar. Bea.

ISCJB 17 20:29:33.6:0.8, 38.92N:0.04:43.59E:0.08, h21km, 7km,

Error ellipse: s-maj=10.4km s-min=6.7km az=18.8 CSEM 17 20:29:33.7:0.4, 38.95N:43.53E, h10km, ML2.7, Error ellipse: s-maj=10.0km s-min=7.4km az=115.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like VMUR Van-Muradiye, VANB Van, CLDR Caldiran, TVAN Van, AGRB Agrib, AGRB Hanur-Agry, GURO Guroymak-BITLI, GURO Guroymak-BITLI.

IDC 17 20:33:20.8:2.5, 4.83N:126.60E, h0km, mb3.2/3, mb1 3.4/3, mb1mx3.2/59, mbtmp3.2/3, Error ellipse: s-maj=203.9km s-min=27.4km az=66.0, Talaud Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

IDC 17 20:45:15.9:45.0, 15.36S:173.17W, h0km, mb3.7/3, mb1 3.4/3, mb1mx3.5/48, mbtmp3.7/3, MS3.4/2, Ms1 3.4/2, ms1mx2.7/41, Error ellipse: s-maj=878.6km s-min=193.5km az=78.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RPZ Rata Peaks, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, CMIG Matias Romero.

MEX 17 20:51:32.9:0.8, 15.47N:92.23W, h160km, 18km, MD3.6, Mexico-Guatemala border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CCIG Comitán, CCIG Comitán, PCIG Comitán, PCIG Comitán.

ISCJB 17 21:02:34.2:1.1, 37:11N:0.07:72.49E:0.09, h10km, mb3.5/5, MS3.3/1, Error ellipse: s-maj=12.3km s-min=7.8km az=43.9

IDC 17 21:02:34.6:2.0, 37.33N:72.59E, h0km, mb3.6/5, mb1 3.6/10, mb1mx3.4/72, mbtmp3.5/10, ML2.8/5, MS2.6/2, Ms1 2.6/2, ms1mx2.2/61, Error ellipse: s-maj=40.9km s-min=19.3km az=147.0

NNC 17 21:02:38.2:7.4, 37:23N:72.07E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=60.2km s-min=49.3km az=138.0

ISC 17 21:02:35.1:1.4, 37:11N:0.17:72.6E:0.1, h10km, n15, +f62/16, mb3.4/5, 6C, Tajikistan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SFK Sufi-Kurgan, MNAS Manas, AAK Ala-Archa, AAK Kavatay Array, KK31 Kavatay Array, GEYT Alibek, MKAR Makanchi Array, KURBB Kurchatov Arra, AAK Aktubinsky, ZALV Zalesovo Beam, SONM Songino Array, FINES Finest Array B, HFS Haglors, SPITS Spitsbergen Arr, TORD Torodi Arr. Bea, YKA Yellowknife Arr, MAN 17 21:04:07, 10:01N:123.19E, h32km, mb3.9, ML2.6, MS2.2, IC-1D, Cebu

WEL 17 21:11:08.4, 0.40S:147.5E:1.1, h12km, ML3.9/22, Cook Strait

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like OHWZ Ohaeka, WAZ Wanganui, WAZ Wanganui, WAZ Wanganui, WAZ Wanganui, WAZ Wanganui, WAZ Wanganui.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KIW Kapiti Island, POWZ Post Office R, POWZ Post Office R, MRW Mangatoina R, MRW Mangatoina R, LREZ Lake Rotokare, TSZ Takapari Road, HOWZ Holdsworth Sta, PRWZ Porirua Road, MTVZ Mangateitei, CANZ Cannon Point, PKVZ Pokaka, TIWZ Tintock, DUWZ D'Urville Isla, DUWZ D'Urville Isla, DVHZ Danversike, TRVZ Turu, MOVZ Moawhango, PREZ Palmer Road, PRNZ Pukenui, PRNZ Pukenui, DNHZ Dome Shelter, DNHZ Dome Shelter, WHVZ Whangau Hut, FWVZ Far West T-bar, VRVZ Vera Road, MTW Mount Morrison, TUVZ Tuiino, COVZ Chateaux Observ, NMEZ Namu Road, BHHZ Black Hill Sta, TCW Tory Channel, NGZ Ngauruhoe, Nelsos Farm, TWVZ Tauereua, WPHZ Waipukurua, WTVZ West Tongariro, MHEZ Mangahewa, TMWZ Te Maipa, PKVZ Pukaka, KRVZ Karewarewa, BHW Baring Head, CPWZ Castlepoint, ANWZ Angora Road, KRHZ Kereru, MARS Mars Station, PAWZ Parauwai Farm, PRHZ Porangahau, KATZ Kakaramea, TRWZ Traveller, KWHZ Kawapara Forest, RITZ Rihia Road, PLWZ Pailiser, TUWZ Tuaranua, RATZ Rangitukia, PKZ Panikupu, RITZ Rihia Road, KAHZ Kahurangi, MCHZ McNeill Hill, HATZ Hinemaia, BKVZ Black Stump Fm, WATZ Waikare, CMWZ Cape Campbell, HIZ Hawaii, WHYZ Whakaora, BSWZ Blackbirch Sta, KCHZ Cape Kidnapper, MRHZ Matea Rd, NMHZ Naumai, KUTZ Kaahu Road, TRZ Tolley Road, QRTZ Quartz Range, WPHZ Whangaparitara, ALRZ Allien Road, MTHZ Maungataniwha, PRRZ Plateau Road, PRRZ Handcock Road, WHYZ Waihua, HSBZ Hossack Road, THZ Topouse, RRRZ Republican Road, MUGZ Murrupara, RTZ Ruatahunua, NGRZ Ngongahua, TARZ Mount Tarawera, SNGZ Shannon Statio, OMRZ Omania, KARZ Kaharua, KHZ Kahutara, KMRZ Mount Kaitake, TOZ Tahuroa Road, EDRZ Edgecumbe, MHGZ Mahia Peninsula, RAGZ Rawiri, WPHZ Whangaparitara, PRGZ Paritu Road, RIGZ Rimuhau, RIGZ Rimuhau, MWZ Matawai, WHRZ Whale Island, TKGZ Te Kaha, MKAZ Moumakai, MKAZ Moumakai, RUGZ Raukumara Rang, TWGZ Tauwharepae, TWGZ Tauwharepae, AWAZ Auckland Peninsula, LTZ Lake Taylor, HAZ Te Kaha, PKGZ Pakihoro, WIHZ Waikheia Island, KUI Kuatoutou, WMGZ Whangaiti, INZ Inchbonnie, CJZ Jackson Bay, CTCZ Chatham Island.

IDC 17 21:21:46.8:2.6, 9.35S:156.37E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.5/41, mbtmp3.7/4, MS2.8/1, Ms1 2.8/1, ms1mx2.3/35, Error ellipse: s-maj=66.7km s-min=32.2km az=113.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, SONM Songino Array.

JMA 17 21:21:58.8, 36.49N:140.70E, h14km, 1km, M2.8, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JHO Hitachi, JYT Yasato, ONAJ Iwakimizuishiy, ONAJ Iwakimizuishiy, JSB Shioha, JFJF Kawachi, MAT Matushiro, MAT Matushiro.

IDC 17 21:23:10.0:1.9, 36.94N:68.04E, h0km, mb3.6/5, mb1 3.6/10, mb1mx3.4/69, mbtmp3.5/10, ML3.1/5, Error ellipse: s-maj=35.2km s-min=13.6km az=151.0

ISCJB 17 21:23:11.5:0.5, 37:25N:0.04:67.74E:0.05, h10km,

17d 23h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like U15A North Rim, G08A Pit Rock, TX31 Lajitas Ar. Si, etc.

ISCJUB 17 22:55:51.61 1.4, 38.59N, 107.37E, 0.10, h11km, 8km, Error ellipse: s-maj=16.3km s-min=5.5km az=137.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DARE Darende-Malaty, CUGUR Gurin_SVAS, etc.

CSEM 17 23:04:30.2 0.3, 67.20N, 20.75E, h2km, ML0.9, Error ellipse: s-maj=7.3km s-min=4.7km az=56.0, Mining explosion.

UPP 17 23:04:30.3, 67.20N, 20.66E, h0km, ML0.9, Mining explosion.

HEL 17 23:04:30.9 0.0, 67.19N, 20.66E, h0km, ML1.3, ML0.9(UPP), Explosion, Sweden

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

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

ISCJUB 17 23:07:09.3 0.4, 18.99N, 106.145E, h55km, mb3.6/23, Error ellipse: s-maj=11.3km s-min=7.7km az=176.1

IDC 17 23:07:10.8 1.0, 18.93N, 145.15E, h56km, 12km, mb3.2/22, mb1.3, 4.2/3, mb1mx3.2/62, mb1mp4.2/23, Error ellipse: s-maj=13.7km s-min=8.2km az=88.0

ISC 17 23:07:10.3 0.5, 18.93N, 107.145E, 0.11, h550km, n36, e078/41, mb3.7/23, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GUMO Guam, KRSR Korea Array, ASAJ Kodiak Island, etc.

NIED 17 23:12:00.2, 30.40N, 142.80E, h5km, Mw4.2 Best double couple: M=2.050000, 1019 NPI=4.00000, delta18.00000, 7.56.00000, NP2=148.00000, delta75.00000

IDC 17 23:12:48.7 0.7, 30.09N, 142.90E, h0km, mb4.0/20, mb1.4/24, mb1mx4.0/66, mb1mp4.0/24, ML3.7/4, MS2.9/4, Ms1.3/0.4, ms1mx2.5/64, Error ellipse: s-maj=17.1km s-min=14.2km az=106.0

NEIC 17 23:12:44.1 1.3, 30.09N, 142.89E, h8km, 21km, mb4.0/1, Error ellipse: s-maj=10.3km s-min=6.7km az=87.0

ISCJUB 17 23:12:46.3 0.4, 30.23N, 104.142E, 0.08, h35km, mb4.0/21, MS3.2/2, Error ellipse: s-maj=10.4km s-min=4.1km az=156.0

JMA 17 23:12:48.0 0.4, 30.39N, 142.77E, h69km, M4.5

ISC 17 23:12:48.1 0.6, 30.17N, 106.142E, 0.09, h35km, n42, e202/54, mb4.0/21, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CBIJ Chichi jima, JCHJ Chichijima, etc.

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

CSEM 17 23:17:57.7 0.1, 38.64N, 37.39E, h10km, ML2.8, Error ellipse: s-maj=2.7km s-min=2.5km az=175.0

ISK 17 23:17:57.4, 38.58N, 37.39E, h11km, ML2.8/3

ISCJUB 17 23:17:58.1 0.5, 38.64N, 0.03, 37.41E, 0.04, h10km, 5km, Error ellipse: s-maj=5.0km s-min=4.6km az=10.7

DDA 17 23:17:58.0, 38.63N, 37.40E, h7km, ML2.6

ISC 17 23:17:57.7 0.8, 38.63N, 0.03, 37.42E, 0.02, h9km, 5km, n20, e093/34, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DARE Darende-Malaty, CUGUR Gurin_SVAS, etc.

ISCJUB 17 23:23:09.7 1.0, 31.47S, 0.04, 69.47W, 0.05, h12km, 9km, Error ellipse: s-maj=7.6km s-min=7.0km az=175.6

SJA 17 23:23:09.3 0.3, 31.15S, 69.47W, h108km, 2km, ML2.7, MW3.1

GUC 17 23:23:10.3 0.4, 31.15S, 70.04W, h142km, 7km, ML2.6

ISC 17 23:23:10.4 0.4, 31.148S, 70.04, 69.50W, 0.05, h105km, 13km, n11, e0678/20, SAN JUAN PROVINCE

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

CSEM 17 23:30:25.0 0.2, 67.18N, 20.68E, h2km, ML1.1, Error ellipse: s-maj=5.8km s-min=3.7km az=63.0, Mining explosion.

UPP 17 23:30:25.0, 67.17N, 20.60E, h0km, ML1.1, Mining explosion.

HEL 17 23:30:25.9 0.1, 67.17N, 20.60E, h0km, ML1.3, ML1.1(UPP), Explosion, Sweden

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

Table with columns: RATU, Laukkuluspa, 0.76 330, i P, Pg, 23 30 39.3, -1.1, etc. Includes stations like Kurraavaara, Ertsjaerv, Nikkuluokta, etc.

IDC 17 23:36:46.3:1.1, 45:24N:107:32W, h0km, mb1 3.5/3, mb1mx3.2/64, mbmp3.3/3, ML3.1/3, Error ellipse: s-maj=18.0km s-min=8.2km az=128.0

ISC/JB 17 23:36:47.1:0.5, 45:27N:106:36W, 0.04, h0km, Error ellipse: s-maj=4.9km s-min=4.0km az=162.8

NEIC 17 23:36:47.7:0.6, 45:24N:106:30W, h0km, ML2.6, Error ellipse: s-maj=13.1km s-min=9.9km az=127.0, Suspected Mining explosion.

NEIC 45 km [28 miles] NNE of Sheridan. ISC 17 23:36:47.6:0.8, 45:22N:106:78W, 0.04, h0km, n16, r113/29, Montana

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LASA Array, Red Lodge, Black Hills, Casper, Lake, Grant Village, Boulder Array, Pinedale Array, etc.

IDC 18 00:04:13.9:5.2, 36:08N:71:59E, h83km, 33km, mb3.3/5, mb1 3.3/7, mb1mx3.1/62, mbmp3.6/7, Error ellipse: s-maj=64.2km s-min=4.0km az=136.0

NNC 18 00:04:19.8:14.0, 37:06N:70:33E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=113.2km s-min=92.0km az=179.0

ISC/JB 18 00:04:22.5:1.5, 36:9N:0:1:70E:0.1, h100km, mb3.6/4, Error ellipse: s-maj=18.1km s-min=7.3km az=144.9

ISC 18 00:04:21.7:1.7, 36:7N:0:1:70E:0.1, h100km, n10, r163/15, mb3.6/4, 1C-5D, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Sufi-Kurgan, MNAS, Karatay Array, Ala-Archa, Alikbek, Zalesovo Beam, FINESS Array B, HFS, NOA, TORDI, etc.

CSEM 18 00:15:43.1, 39:11N:28:79W, h14km, ML1.9

PDA 18 00:15:43.1, 0.9, 39:11N:28:79W, h14km, 1.1km, MD3.6, ML1.1, Error ellipse: s-maj=10.2km s-min=4.1km az=122.0, Azores Islands

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

Table with columns: PCED, Cedros, 0.49 172, eP, Pg, 00 15 51.0, -1.7, etc. Includes stations like Caldera, Rosais, Rosas, etc.

LDG 18 00:28:23.7:0.3, 34:27N:5:46W, h10km, ML4.1/3, Error ellipse: s-maj=6.6km s-min=5.7km az=173.0

IDC 18 00:28:23.8:0.8, 34:46N:5:42W, h0km, mb4.0/22, mb1 4.1/24, mb1mx3.9/72, mbmp4.0/24, ML4.1/2, MS3.5/10, MS1 3.5/10, ms1mx3.0/60, Error ellipse: s-maj=21.6km s-min=13.3km az=83.0

NEIC 18 00:28:25.1:0.3, 34:41N:5:53W, h10km, mb4.2/14, MN4.1(MDD), Error ellipse: s-maj=6.3km s-min=4.4km az=92.0

NEIC Fell [III] at Meknes and Fes; [II] at Casablanca, Kenitra and Rabat. Also felt at Beni Mellal, Sidi Qacem and Sghirat.

CRAAG 18 00:28:25.0, 34:40N:5:59W, ML4.4

CSEM 18 00:28:25.4:0.1, 34:39N:5:54W, h10km, mb4.6/9, Error ellipse: s-maj=3.8km s-min=3.3km az=124.0

INMG 18 00:28:29.4:2.6, 34:40N:5:50W, h31km, 9km, MD3.9, ML4.1, Error ellipse: s-maj=6.4km s-min=4.3km az=108.0

ISC 18 00:26:27.5:0.7, 34:49N:0:03:5.67W:0.02, h30km, 4km, n446, r25:14/627, mb4.1/30, MS3.6/9, 26C-53D, Morocco

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Sarsar, Rabat Centre, Peen de Ceuta, Ceuta, Momi, Aveerros, Midelt, MDT, MDL, MDL, MDL, etc.

GIBL Gibalbin 2.35 354 P Pn 00 29 06.8 +2.7

ESPR Espera 2.38 356 P Pn 00 29 07.0 +2.5

TZC Tazacourte 2.43 197 P Pn 00 29 05.0 -0.4

EMAL Malaga-Limoner 2.49 24 P Pn 00 29 06.5 +0.7

EALB Alboran 2.60 55 P Pn 00 29 08.7 +1.2

ZFT Errachidia 2.69 155 P Pn 00 29 08.0 -0.9

EGOR Sierra Gorda 2.91 25 P Pn 00 29 13.6 +1.7

EQUE Quentar 3.26 33 P Pn 00 29 18.1 +1.4

EBER Berja 3.30 42 P Pn 00 29 17.7 +0.3

EBER Berja 3.30 42 P Pn 00 29 17.7 +0.3

Table with columns: EBERR, Barranco-do-Ve, 3.31 327, i P, Pn, 00 29 18.8 +1.6, etc. Includes stations like Barranco-do-Ve, Vaqueiros, etc.

EGRO El Granado 3.38 335 P Pn 00 29 20.0 +1.9

EGRO El Granado 3.38 335 P Pn 00 29 20.0 +1.9

EGRO El Granado 3.38 335 P Pn 00 29 20.0 +1.9

EGRO El Granado 3.38 335 P Pn 00 29 20.0 +1.9

EGRO El Granado 3.38 335 P Pn 00 29 20.0 +1.9

EGRO El Granado 3.38 335 P Pn 00 29 20.0 +1.9

EGRO El Granado 3.38 335 P Pn 00 29 20.0 +1.9

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EGRO El Granado 3.38 335 P Pn 00 29 20.0 +1.9

EGRO El Granado 3.38 335 P Pn 00 29 20.0 +1.9

EGRO El Granado 3.38 335 P Pn 00 29 20.0 +1.9

EGRO El Granado 3.38 335 P Pn 00 29 20.0 +1.9

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EGRO El Granado 3.38 335 P Pn 00 29 20.0 +1.9

EGRO El Granado 3.38 335 P Pn 00 29 20.0 +1.9

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like EBAD Badajoz, SESP Santiago Espad, EVO Evora, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like COI Coimbra, UCM Universidad Co, GUD Guadarrama, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like EORO Oroz-Betelu, CFUE Fuerteventura, SJPFF Ste Jean, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like GRR, LPGA, LPL, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like VRAC, TOAD, TORO, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like TALAYA, ZAKAMENSK, etc.

NIED 18:00:38:00.35:60N:141.110E,h38km,Mw4.5 Best double couple: M5.76000:1015 NP1:az=220.00000: 8.16.00000...
ISCJB 18:00:38:34.7:0.35:57N:103.141:20E:0.04,h33km,mb4.4/49,MS3.7/23,Error ellipse: s-maj=5.0km s-min=4.0km az=25.2

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like JMA, JHO, ONAJ, etc.

Table with columns: QASN, QASN, QASN, comp=N, 94nm, 0.4s, AML, AML, 01 16 39.3 -0.7, etc. Includes stations like Sala, Dead Sea, Ras Al Marh, Amatzia, Masada, Kziot, Zfiri, Paran.

ISK 18 01:21:30.7, 38.83N:43.49E, h20km, ML2.6/3
ISCJBJ 18 01:21:31.3, 38.10N:04.43E, h26km, 7km,
Error ellipse: s-maj=11.4km s-min=6.1km az=18.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like VMUR, ERV, VANB, TVAN, CLDR, AGRB, GURO.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like OCLP, PLP, MSLP, BESP, LLP, RCP, BUKP.

IDC 18 01:25:44.4, 1.6, 10.186N:124.74E, h0km, mb3.7/6,
mb1 3.8/6, mb1mx3.5/64, mbtmp3.7/6, MS4.7/1, Ms1 4.7/1,
ms1mx2.6/55, Error ellipse: s-maj=183.0km s-min=19.1km
az=67.0

ISCJBJ 18 01:25:45.8, 0.8, 10.98N:05.124.77E, 0.05, h13km, 5km,
mb3.7/6, MS3.7/2, Error ellipse: s-maj=9.7km s-min=5.6km
az=43.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like OCLP, PLP, MSLP, BESP, LLP, TBP, CNP, RCP, BUKP, LQP, ASAR, SONM, STKA, MKAR, KURBB, JMJC.

IDC 18 01:34:17.7, 0.5, 15.37N:95.49W, h0km, mb4.7/32,
mb1 4.8/33, mb1mx4.7/47, mbtmp4.7/33, ML3.5/1, MS4.2/1,
Ms1 4.2/1, ms1mx3.2/49, Error ellipse: s-maj=18.4km
s-min=10.6km az=55.0

ISCJBJ 18 01:34:19.2, 0.8, 15.37N:02.95:43W, 0.02, h13km, 5km,
mb5.0/328, MS4.9/12, Error ellipse: s-maj=3.5km
s-min=2.2km az=29.5

MEX 18 01:34:19.8, 1.3, 15.26N:95.67W, h16km, 5km, MD5.3
NEIC 18 01:34:19.8, 0.0, 15.26N:95.67W, h16km, mb5.0/283,
MD5.3(MEX), After MEX.

NEIC Felt [V] at Huatulco. Also felt at Pochutla and Salina Cruz.
MOS 18 01:34:21.9, 1.0, 15.68N:95.35W, h27km, mb5.3/80,
MS4.7/4, Error ellipse: s-maj=7.3km s-min=4.1km az=96.2

ISC 18 01:34:19.8, 0.6, 15.32N:04.95:66W, 0.03, h17km, 9km,
n128, r160/175, mb5.1/336, MS5.0/12, 8C, Near coast
of Oaxaca

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like HUIG, Hualto, Puerto Angel, Matias Romero, Vista Hermosa, Comitan, Tlapa, Acapulco, Laguna Verde, Meizcala, Popocatepeti, El Cayaco, Platanillo, Yautepac, Valle de Chalchicomula, Universidad Na, Pinon, Tizayuca, Puento Sto Nin, Cuida Lopez Ma, TOLUCA, ZUMPANGO, Demacu, Zinuatajejo, San Blas, Montecristo, Morelia, Juriquilla Cam, Aguila, Mõrida, Tegucigalpa, Un, Santa Fe, Zantecas, Linares, JuntasAbangare, JuntasAbangare, JuntasAbangare, Heredia, Chaparral WMA, Jarrell, DeRidder, Junction City, Junction City, Junction City, Mamou, Lajitas Array, Lajitas Ar, Sierra La Lagu, Amite, Kirthwood, Flagon Creek P, Nacogdoches, Nacogdoches, Isla Barro Col, Lake Whitney, Westbrook Farm, Lucedale, Thompson Farm, Hunter Patters, Puerto Ayora, Mo Tay, Goldon, Waterproof, Big Creek Wild, Grayson, Avery, Jackson, Saraland, Cam and Jess, Papa Simpson, Little Ap, Sta, Monroe.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Crestview, Jackson, Abilene, Hawle, Abilene, Hawle, Soes Landing, Repton, Long Farm, Mag, Crawfordville, Richland Creek, Dozier, Norrel Spur, H, Dixon Mills, Union, Armstrong Fami, Kempfer Cattle, Grady, Egglethe Beard, Okolona, Garnett, Star, Winona, Louisville, Cane Creek, Northpan, Jones, Lakeyala and Ka, Lake Butler, Carrollton, Midway, El Paso, Fountain Ranch, Clayton, Clayton, Strider, Charl, Mount Ida, Mount Ida, Mount Ida, Basin Creek Fa, Yeager Farm, C, Kaden, Bauxite, Lakeview Retre, Lakeview Retre, Eclectic, Northpan, Tifton, Houston, Stuttgart, Wichita Mounta, Wichita Mounta, Wichita Mounta, Opelika, Marvel, University of, Columbiana, Muleshoe, Muleshoe, Ashland, Oxford, Oxford, Oxford, Oxford, Fergusson Farm, Fergusson Farm, Fergusson Farm, Jasper, Greenbrier Sit.

Table with columns: WHAR, WOOLY HOLLOW, 20.11, 8, eP, P, 01 38 51.9 -0.9, etc. Lists various horse names and their performance metrics.

Table with columns: T400, Mansfield, 21.92, 7, P, P, 01 39 11.3 -1.0, etc. Lists various horse names and their performance metrics.

Table with columns: CBKS, Cedar Bluff, 23.68, 352, eP, P, 01 39 30.4 -0.2, etc. Lists various horse names and their performance metrics.

18d 1h

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Table with columns: Call Sign, Name, Comp, Z, B, S, R, P, and other fields. Includes entries like F35A Swanville, NV01 Mina Array Sit, NVAR Mina Array Bea, etc.

Table with columns: Call Sign, Name, Comp, Z, B, S, R, P, and other fields. Includes entries like C38A Sawbill Land, SADO Sadowa, GCMT Agassiz Nation, etc.

Table with columns: Call Sign, Name, Comp, Z, B, S, R, P, and other fields. Includes entries like SCHQ Schefferville, YJA Yavi, YKA Yellowknife Ar, etc.

MXST	Muleshoe	19.50	342 e	Pn	01 42 27.5 -0.3
X44A	Crenshaw	19.50	13 P	P	01 42 26.4 -0.1
Y47A	UCPARC, Winfie	19.56	19 P	P	01 42 26.3 -0.9
H51G	Magazine	19.57	316 eP	Pn	01 42 28.8 +0.2
X45A	UM Field Stati	19.61	15 P	P	01 42 27.3 -0.4
W39A	Magazine	19.65	4 P	P	01 42 28.3 +0.2
W40A	Ferguson Farm,	19.70	6 P	P	01 42 29.0 +0.3
W40A	Ferguson Farm,	19.70	6 eP	Pn	01 42 29.2 -0.9
W41B	Gary Mavity, V	19.78	8 P	P	01 42 29.7 +0.1
Y48A	Jasper	19.80	21 P	P	01 42 28.9 -0.8
X301	Greenbrier Sit	19.83	8 eP	P	01 42 29.9 -0.1
WHAR	Woolly Hollow	19.89	8 eP	P	01 42 31.2 +0.4
X46A	Booneville	19.95	17 P	P	01 42 30.8 -0.6
OK022	N3560 Road, Pr	19.95	357 eP	P	01 42 31.8 +0.3
OK020	N3440 Road, Me	19.96	357 eP	Pn	01 42 32.2 -1.0
W42A	Bald Knob	19.99	10 P	P	01 42 32.0 +0.2
Y49A	Blount Mountai	20.02	23 P	P	01 42 31.6 -0.6
OK021	N3530 Road, Sp	20.02	357 eP	P	01 42 32.5 +0.4
AMTX	Amarillo	20.06	345 P	Pn	01 42 33.2 -1.2
AMTX	Amarillo	20.06	345 eP	Pn	01 42 33.5 -0.9
X47A	Russellville	20.12	19 P	P	01 42 32.6 -0.7
319A	Douglas	20.18	324 eP	Pn	01 42 36.5 +0.7
V35A	Meyer Ranch, C	20.19	357 P	P	01 42 34.3 +0.3
V35A	Meyer Ranch, C	20.19	357 eP	P	01 42 34.2 +0.2
121A	Cookes Peak, D	20.27	329 P	Pn	01 42 37.1 0.0
121A	Cookes Peak, D	20.27	329 eP	Pn	01 42 37.5 +0.4
V39A	Pettigrew	20.30	4 P	P	01 42 35.5 +0.2
TUL1	Leonard	20.30	359 P	P	01 42 35.2 0.0
TUL1	Leonard	20.30	359 eP	P	01 42 34.4 -0.9
Y50A	Piedmont	20.30	24 P	P	01 42 34.4 -0.9
X48A	Hartselle	20.33	21 P	P	01 42 34.9 -0.7
V40A	Witts Springs	20.34	6 P	P	01 42 35.5 -0.2
W45A	Hickory Valley	20.35	15 P	P	01 42 35.8 0.0
V41A	Mountainview	20.40	8 P	P	01 42 35.9 -0.4
PL1L	Pickwick Lake	20.49	18 eP	P	01 42 35.5 -1.9
M0TC	Monteria, Cord	20.52	107 eP	P	01 42 36.4 -1.4
W46A	Michie	20.53	10 P	P	01 42 37.3 -0.4
V42A	Woodville	20.55	17 P	P	01 42 36.6 -1.3
X49A	Woodville	20.63	22 P	P	01 42 38.1 -0.7
DBBC	Dabelba	20.72	112 eP	Pn	01 42 42.8 +0.4
HHAR	Hobbs	20.72	4 eP	P	01 42 39.9 +0.1
U37A	Salina	20.80	1 P	P	01 42 40.5 -0.1
U39A	Green Forest	20.85	5 P	P	01 42 41.2 0.0
U38A	Gravette	20.85	3 P	P	01 42 41.2 0.0
GOGA	Godfrey	20.88	29 eP	P	01 42 39.9 -1.0
U40A	Yellville	20.88	6 P	P	01 42 41.3 -0.2
W47A	Westpoint	20.89	18 P	P	01 42 40.8 -0.8
U41A	Viola	20.98	8 P	P	01 42 41.8 -0.8
W48A	Pulaski	20.99	20 P	P	01 42 39.5 -3.3
U32A	Winter Ranch,	21.00	352 P	P	01 42 43.3 +0.4
BNN	Barren Site	21.08	334 eP	P	01 42 45.8 +1.8
U42A	Revendon	21.09	10 P	P	01 42 43.1 -0.6
Y22D	IRIS PASSCAL I	21.14	333 P	P	01 42 45.7 +1.1
Y22D	IRIS PASSCAL I	21.14	333 eP	P	01 42 47.0 +2.5
LPM	Los Pinos Moun	21.22	334 eP	P	01 42 47.0 +1.6
LENM	Lemitar	21.24	333 eP	P	01 42 47.2 +1.6
V46A	Holladay	21.24	17 P	P	01 42 43.3 -2.2
U33A	Rector	21.25	11 P	P	01 42 44.6 -0.9
T45A	Sooner Cattle	21.32	358 P	P	01 42 46.4 +0.1
SWET	Sewanee	21.41	22 eP	P	01 42 45.7 -1.5
U44B	Burton Farm, H	21.44	14 P	P	01 42 46.7 -0.9
V47A	Nunnally	21.44	18 P	P	01 42 46.4 -1.2
T36A	Boggs Farm, Ca	21.45	359 P	P	01 42 47.4 -0.2
T38A	Diamond	21.45	3 P	P	01 42 47.3 -0.4
T34A	McClellan Farm	21.46	356 P	P	01 42 47.5 -0.3
T39A	Cleaver	21.49	5 P	P	01 42 47.9 -0.2
LAZ	Ladron	21.51	333 eP	P	01 42 50.5 +1.9
T37A	Cheneyville 18	21.52	1 P	P	01 42 48.5 +0.1
V48A	Smith Brothers	21.58	20 P	P	01 42 46.6 -2.4
WVT	Waverly	21.63	17 P	P	01 42 49.1 -0.5
WVT	Waverly	21.63	17 eP	P	01 42 50.1 +0.5
PBMO	Poplar Bluff	21.64	11 eP	P	01 42 50.0 +0.2
PLMC	San Jos' del	21.64	117 eP	P	01 42 53.7 +3.7
HELX	Santa Helena	21.69	113 eP	P	01 42 52.6 +1.8
HELX	Santa Helena	21.69	113 eP	P	01 42 53.4 +2.6
T41A	Mountain View	21.69	8 P	P	01 42 50.1 -0.2
ANMO	Albuquerque	21.69	335 P	P	01 42 52.1 +1.6
ANMO	Albuquerque	21.69	335 P	P	01 42 51.5 +1.0
ANMO	Albuquerque	21.69	335 eP	P	01 42 51.4 +0.8
T40A	Mansfield	21.70	6 P	P	01 42 50.1 -0.3
TUC	Tucson	21.73	323 P	P	01 42 52.4 +1.6
TUC	Tucson	21.73	323 eP	P	01 42 53.1 +2.3
ZARC	Zaragoza, Cauc	21.74	109 eP	P	01 42 49.1 -1.9
U46A	Springville	21.75	16 P	P	01 42 50.8 -0.1
T42A	Van Buren	21.77	10 P	P	01 42 50.4 -0.7
T43A	Greenville	21.96	11 P	P	01 42 52.2 -1.0
S38A	Stockton	22.06	3 P	P	01 42 54.1 -0.1
Y0TC	Yotoco, Valle	22.07	119 eP	P	01 42 56.9 +2.2
S35A	Otter Creek Ra	22.08	358 P	P	01 42 54.1 -0.3
U47A	Clarksville	22.08	18 P	P	01 42 54.0 -0.5

T44A	Benton	22.11	13 P	P	01 42 54.2 -0.5
S36A	Lake Cedric, C	22.11	360 P	P	01 42 55.0 +0.2
H0RQ	Saladito	22.11	121 eP	P	01 42 59.1 +3.9
S34A	Willow Spring	22.13	357 P	P	01 42 55.5 +0.5
S40A	Lebanon	22.14	6 P	P	01 42 54.6 -0.6
S37A	Fort Scott	22.15	1 P	P	01 42 55.9 +0.7
S39A	Bolivar	22.16	5 P	P	01 42 54.9 -0.4
S41A	Jillico Farms,	22.23	8 P	P	01 42 55.9 -0.1
GUVC	Guyana, Colomb	22.26	115 eP	P	01 42 59.1 +2.1
U48A	Cassie Pea, P	22.27	19 P	P	01 42 55.9 -1.8
RREF	El Recreo	22.45	116 eP	P	01 43 02.9 +3.6
T46A	Princeton	22.47	16 P	P	01 42 58.4 -0.2
S43A	Fulton Ridge,	22.48	11 P	P	01 42 58.5 -0.2
PTBC	PUERTO BERRIO,	22.49	111 eP	P	01 42 58.0 -1.1
S42A	Caledonia	22.55	10 P	P	01 42 57.4 -2.1
NORC	Montasia	22.56	114 eP	P	01 43 01.2 +1.4
R38A	Fenwick Farm,	22.61	3 P	P	01 42 59.2 -0.9
TKL	Tuckaleechee C	22.63	25 LR	LR	01 54 34.8
TOLC	Tolono	22.63	117 eP	P	01 43 07.8 +6.9
T47A	Sharon Grove	22.64	18 P	P	01 42 58.1 -2.4
OTAV	Otavalo	22.69	130 eP	P	01 43 04.2 +2.6
OTAV	Otavalo	22.69	130 eP	P	01 43 04.3 +2.7
R37A	Teagarden Farm	22.70	1 P	P	01 43 01.2 +0.1
R36A	Gordon, Harris	22.71	0 P	P	01 43 01.6 +0.5
214A	Organ Pipe Nat	22.71	319 P	P	01 43 02.7 +1.4
214A	Organ Pipe Nat	22.71	319 eP	P	01 43 02.0 +0.7
R35A	Emporia Munic	22.71	359 P	P	01 43 01.7 +0.5
R34A	Isabella, Hill	22.74	356 P	P	01 43 01.6 +0.2
CCM	Cathedral Cave	22.75	9 P	P	01 43 01.6 0.0
CCM	Cathedral Cave	22.75	9 eP	P	01 42 59.7 -1.9
S44A	Carbondale	22.76	13 P	P	01 43 01.1 -0.6
SIUC	Southern Illin	22.79	13 eP	P	01 43 02.2 +0.2
R39A	Chumby, Stover	22.80	5 P	P	01 43 01.8 -0.3
R40A	Maddies Statio	22.86	7 P	P	01 43 02.6 -0.1
G0CF	Volcan Galeras	22.87	127 eP	P	01 43 04.9 +1.3
S0TA	Rioblanco	22.90	124 eP	P	01 43 02.7 -1.2
T25A	Trinidad	22.93	341 P	P	01 43 04.5 +0.7
T25A	Trinidad	22.93	341 eP	P	01 43 05.8 +2.0
X18A	Snowflake	22.95	328 eP	P	01 43 06.2 +2.2
PCON	Cinco Dias	22.95	123 eP	P	01 43 04.3 -0.2
T48A	Bowling Green	22.97	19 P	P	01 43 03.5 -0.4
R41A	Rosebud	22.97	8 P	P	01 43 04.3 +0.4
MHTCO	State Highway	23.01	341 eP	P	01 43 06.5 +2.0
MARP	Paez Belalcaza	23.02	121 eP	P	01 43 08.9 +4.0
R42A	Luebering	23.04	10 P	P	01 43 02.7 -2.0
S46A	Don Dixon Farm	23.12	16 P	P	01 43 05.3 -0.2
R43A	Red Bud	23.19	11 P	P	01 43 05.9 -0.3
Q35A	Merced Eighty,	23.25	359 P	P	01 43 07.0 +0.2
Q37A	Longview Farm,	23.28	2 P	P	01 43 07.0 -0.1
KM5C	Kings Mountain	23.31	30 P	P	01 43 06.6 -0.8
W18A	Petrified Fore	23.31	329 P	P	01 43 08.9 +1.2
W18A	Petrified Fore	23.31	329 eP	P	01 43 09.9 +2.2
R44A	Waltonville	23.33	13 P	P	01 43 07.6 0.0
Q34A	Chapman	23.34	357 P	P	01 43 07.6 -0.1
Q36A	Arnold C, Orve	23.34	0 P	P	01 43 07.9 +0.1
ROSC	El Rosal	23.38	115 P	P	01 43 11.8 +3.1
ROSC	El Rosal	23.38	115 eP	LR	01 52 13.7
ROSC	El Rosal	23.38	115 eP	P	01 43 12.3 +3.5
ROSC	El Rosal	23.38	115 eP	P	01 43 12.4 +3.7
Q38A	Cooks Store, C	23.40	4 P	P	01 43 08.1 -0.2
PRAC	Prado	23.45	118 eP	P	01 43 11.5 +2.4
PRAC	Prado	23.45	118 eP	P	01 43 13.0 +3.9
SLM	Saint Louis	23.48	10 eP	P	01 43 09.7 +0.6
CBKS	Cedar Bluff	23.49	352 P	P	01 43 09.3 0.0
CBKS	Cedar Bluff	23.49	352 eP	P	01 43 08.5 -0.8
KSU1	Kansas State U	23.50	358 P	P	01 43 08.9 -0.5
KSU1	Kansas State U	23.50	358 eP	P	01 43 08.4 -0.9
Q39A	Willow Grove F	23.53	5 P	P	01 43 09.2 -0.4
R45A	Skyilar, Fairri	23.56	14 P	P	01 43 09.0 -0.8
Q40A	Laux Farm, Aux	23.57	7 P	P	01 43 09.2 -0.8
S48A	Wiedeman Farm,	23.58	19 P	P	01 43 07.3 -2.8
BARC	Barichara	23.62	110 eP	P	01 43 12.1 +1.1
Q41A	Truxton	23.64	8 P	P	01 43 09.7 -0.9
X16A	Mia Camp, P	23.65	326 eP	P	01 43 13.2 +2.1
R46A	Gibson Southern	23.67	16 P	P	01 43 10.3 -0.8
Q42A	Golden Eagle	23.70	10 P	P	01 43 10.2 -1.1
PAMC	Pamplona, Colo	23.77	107 eP	P	01 43 13.5 +0.8
SDCO	Great Sand Dun	23.83	340 P	P	01 43 13.0 +0.1
SDCO	Great Sand Dun	23.83	340 eP	P	01 43 13.3 +0.4
113A	Mohawk Valley,	23.85	319 eP	P	01 43 14.5 +1.6
Q43A					

N45A	Kentland	26.17	14	P	P	01 43 33.4 -0.4	I38A	Scanlan Farm,	28.55	5	P	P	01 43 54.8 -0.5	baz=155	RLMT	Red Lodge	31.70	341	eP	P	01 44 22.8 -0.6
LDFC	Landfair	26.23	322	eP	P	01 43 37.5 +2.8	I40A	Norwalk	28.58	7	P	P	01 43 55.0 -0.5	8.9nm,1.0s	YNR	Norris Junctio	31.80	339	eP	P	01 44 26.3 +2.0
M42A	Sheffield	26.31	10	P	P	01 43 34.7 -0.5	R11A	Troy Canyon, C	28.80	326	P	P	01 43 58.3 +0.5	11nm,0.9s	WLVO	Wesleyville	31.83	24	P	P	01 44 23.5 -0.7
L34A	Svendsen Farm,	26.36	359	P	P	01 43 35.9 +0.3	R11A	Troy Canyon, C	28.80	326	eP	P	01 43 58.6 +0.8	baz=212	YMR	Madison River	31.86	339	eP	P	01 44 26.8 +2.0
SCIA	State Center	26.36	4	P	P	01 43 35.3 -0.3	I42A	Draefer Farm,	28.82	10	P	P	01 43 56.7 -1.0	10nm,0.9s	PAHR	Pah Rah Range	31.86	324	eP	P	01 44 25.8 +1.0
SCIA	State Center	26.36	4	eP	P	01 43 35.5 -0.1	DUG	Dugway, Tooele	28.84	332	P	P	01 43 58.6 +0.6	25nm,1.5s	YHH	Holmes Hill	31.92	339	eP	P	01 44 27.3 +1.8
GMRC	Granite Mounta	26.37	320	P	P	01 43 36.9 +1.0	DUG	Dugway, Tooele	28.84	332	eP	P	01 43 57.8 -0.3	5.7nm,0.9s	C35A	Jirki Farms, M	32.10	2	P	P	01 44 26.2 -0.4
M43A	Waltham Townsh	26.43	11	P	P	01 43 35.9 -0.3	GRAC	Grapevine Rang	28.87	322	P	P	01 43 59.1 +0.8	baz=183,SNR=5.3	QLMT	Earthquake Lak	32.16	338	eP	P	01 44 28.9 +1.4
L32A	Elgin	26.47	356	P	P	01 43 36.9 +0.3	H32A	Carlson Farm,	28.93	357	P	P	01 43 58.7 +0.1	baz=174	C36A	Pine Crest Far	32.21	3	P	P	01 44 27.5 -0.1
L36A	Harm Buss Farm	26.49	1	P	P	01 43 36.9 +0.1	I43A	Langenfeld Bro	28.95	11	P	P	01 43 58.5 -0.3	baz=182	C31A	Landman Farms,	32.23	357	P	P	01 44 27.1 -0.6
L35A	Blow Farm, R	26.49	360	P	P	01 43 37.0 +0.2	H31A	Wolsey	28.97	356	P	P	01 43 59.3 +0.3	baz=176,SNR=11	C37A	Embarrass	32.23	4	P	P	01 44 27.5 -0.2
L37A	Phoenix Point,	26.55	3	P	P	01 43 37.2 -0.1	TCUT	Toone Canyon	28.98	335	eP	P	01 44 00.5 +1.0	baz=186	HLID	Hailey	32.26	334	P	P	01 44 28.8 +0.5
LCMT	Little Creek M	26.57	327	eP	P	01 43 39.9 +2.2	H36A	Jessenland, He	28.99	2	P	P	01 43 58.1 -1.1	baz=145,SNR=16	HLID	Hailey	32.26	334	eP	P	01 44 29.7 +1.4
M44A	Midewin, Midew	26.57	13	P	P	01 43 36.9 -0.6	H34A	Spellman Lake,	29.05	360	P	P	01 43 59.7 +0.1	12nm,0.9s	C38A	Sawhill Land.	32.29	5	P	P	01 44 27.0 -1.3
L33A	Hoskins	26.59	357	P	P	01 43 37.9 +0.2	H33A	Prehn Over Nor	29.08	358	P	P	01 43 59.7 -0.3	baz=180	MDND	Maddock	32.41	355	P	P	01 44 29.5 +0.3
MURC	Murrieta	26.60	316	P	P	01 43 38.7 +0.8	H35A	Sunnyside Ranc	29.08	1	P	P	01 43 59.8 -0.2	baz=173	MDND	Maddock	32.41	355	eP	P	01 44 29.6 +0.3
L38A	Oak Wood Farm,	26.61	4	P	P	01 43 37.6 -0.3	PKM	Mcpherson Peak	29.11	316	P	P	01 44 01.3 +0.8	30nm,0.9s	EYMN	Ely	32.50	5	P	P	01 44 29.4 -0.6
L40A	Anamosa	26.70	7	P	P	01 43 38.2 -0.5	H38A	Maiden Rock	29.18	5	P	P	01 44 00.8 0.0	baz=187	EYMN	Ely	32.50	5	eP	P	01 44 28.5 -1.6
L41A	Preston	26.81	8	P	P	01 43 38.8 -0.8	YES	Vestal, Richgr	29.20	318	P	P	01 44 01.8 +0.8	9.9nm,1.1s	BEKR	Beckworth	32.53	323	eP	P	01 44 31.8 +1.1
HEC	Hector,Ludlow	26.82	320	P	P	01 43 40.9 +1.0	H39A	Augusta	29.28	6	P	P	01 44 01.3 -0.4	baz=128	AGMN	Agassiz Nation	32.68	360	P	P	01 44 31.1 -0.6
BBRC	Big Bear Solar	26.83	318	P	P	01 43 41.1 +0.9	H40A	Chil	29.32	7	P	P	01 44 01.6 -0.6	baz=180,SNR=10	AGMN	Agassiz Nation	32.68	360	eP	P	01 44 30.2 -1.4
MTPU	Mount Pierson	26.83	330	eP	P	01 43 42.1 +1.8	HWUT	Hardware Ranch	29.46	335	eP	P	01 44 03.0 -0.6	17nm,0.8s	MCMT	McKenzie Canyo	32.68	337	eP	P	01 44 34.3 +2.2
N23A	Red Feather La	26.85	342	P	P	01 43 40.5 +0.1	H42A	Shiocton	29.49	10	P	P	01 44 02.6 -1.0	baz=192	C40A	Isle Royale Na	32.72	8	P	P	01 44 31.0 -1.0
N23A	Red Feather La	26.85	342	eP	P	01 43 40.5 +0.1	SPUT	South Promonto	29.58	334	eP	P	01 44 05.2 +0.6	baz=210	BUKO	Buk Lake	32.76	21	P	P	01 44 31.0 -1.4
L42A	Oliver, Polo	26.86	10	P	P	01 43 39.3 -0.8	RCTC	Rector, Farmer	29.58	319	P	P	01 44 05.8 +1.3	11nm,1.3s	MFID	Camas Ranch	32.76	332	eP	P	01 44 33.5 +0.8
O20A	White River Ci	26.91	338	P	P	01 43 41.0 +0.1	G33A	Ortonville	29.58	359	P	P	01 44 03.8 -0.6	baz=192	B35A	Littlefield	32.77	2	P	P	01 44 31.5 -0.9
O20A	White River Ci	26.91	338	eP	P	01 43 39.5 -1.4	G34A	Benson	29.62	360	P	P	01 44 03.1 -1.6	baz=183	B32A	Ashes, Strandg	32.79	359	P	P	01 44 32.3 -0.3
SZCU	Shurtz Canyon	26.93	328	eP	P	01 43 41.7 +0.6	G36A	St. Michael	29.65	3	P	P	01 44 04.5 -0.4	baz=178,SNR=8.4	B31A	Greenbush Farm	32.85	357	P	P	01 44 33.1 -0.1
SZCU	San Rafael Swe	26.94	334	eP	P	01 43 56.4	G32A	Webster	29.68	357	P	P	01 44 04.9 -0.4	baz=184	B34A	Aery, Baudette	32.87	1	P	P	01 44 32.7 -0.6
TUQ	Turquoise Moun	26.96	321	P	P	01 43 42.0 +0.9	G31A	Cong	29.69	356	P	P	01 44 05.7 +0.4	baz=176,SNR=6.6	BOZ	Bozeman (W)	32.90	339	P	P	01 44 34.5 +0.7
K33A	Hardington	27.02	358	P	P	01 43 41.9 +0.4	SPMN	Marine on St.	29.69	4	P	P	01 44 04.8 -0.6	baz=175	BOZ	Bozeman (W)	32.90	339	eP	P	01 44 34.4 +0.5
K36A	Gilmore City	27.03	2	P	P	01 43 41.5 -0.2	SPMN	Marine on St.	29.69	4	eP	P	01 44 04.8 -0.6	baz=186,SNR=8.4	NNA	Nana	33.00	145	eP	P	01 44 35.6 +0.8
CCUT	Cedar City	27.04	328	eP	P	01 43 43.5 +1.5	BW06	Boulder Stray	29.70	339	P	P	01 44 06.2 +0.4	baz=177	ORV	Orville	33.00	322	eP	P	01 44 35.1 +0.4
Q16A	Castle Valley	27.06	332	eP	P	01 43 44.1 +1.9	PDAR	Pinedale Array	29.70	339	P	P	01 44 07.2 +1.5	2.1nm,1.6s	DLMT	Dillon	33.04	338	eP	P	01 44 37.0 +2.0
K34A	Le Mars	27.07	359	P	P	01 43 41.9 -0.2	PDAR	Pinedale Array	29.70	339	eP	P	01 44 06.5 +0.7	baz=187	A32A	Rocking H Ranc	33.31	359	P	P	01 44 36.5 -0.7
K35A	Storm Lake	27.10	0	P	P	01 43 42.2 -0.1	G38A	Ridgeland	29.71	5	P	P	01 44 04.8 -0.7	baz=189,slow=9.7,SNR=4.3	A33A	Warroad	33.32	0	P	P	01 44 36.8 -0.4
K32A	Verdigre	27.12	356	P	P	01 43 42.8 +0.3	G39A	Holcombe	29.89	6	P	P	01 44 06.6 -0.6	baz=187	WVOR	Wild Horse Val	33.37	328	eP	P	01 44 38.3 +0.4
K38A	Parkersburg	27.13	4	P	P	01 43 42.2 -0.3	G40A	Rib Lake	29.98	8	P	P	01 44 07.1 -0.9	baz=193,SNR=15	LRM	Linn Ridge	33.38	338	eP	P	01 44 39.6 +1.5
K31A	O'Neill	27.15	355	P	P	01 43 44.7 +2.0	G41A	Antigo	30.07	9	P	P	01 44 08.0 -0.8	baz=190	O03D	Paynes Creek	33.65	322	P	P	01 44 40.7 +0.4
K37A	Belmond	27.19	3	P	P	01 43 42.3 -0.8	HVU	Hansel Valley	30.11	334	eP	P	01 44 11.0 +1.7	baz=192	MOD	Modoc Plateau	33.87	326	eP	P	01 44 43.3 +0.9
SHPR	Sheep Range	27.25	324	eP	P	01 43 44.8 +0.9	MLAC	Mammoth, Mammo	30.17	321	P	P	01 44 10.7 +0.7	14nm,0.8s	HRY	Holler Researc	33.94	340	eP	P	01 44 40.0 +1.1
P18A	Preston Nutter	27.25	335	eP	P	01 43 44.6 +0.6	F37A	Hinrichs Farm,	30.20	4	P	P	01 44 09.4 -0.4	baz=186	J08A	Circle Bar Ran	33.97	329	eP	P	01 44 44.7 +1.6
BFSC	Mount Baldy Ra	27.29	317	P	P	01 43 45.0 +0.7	G42A	Mountain	30.22	10	P	P	01 44 09.0 -1.0	51nm,1.5s	EGMT	Eagleton	34.47	343	eP	P	01 44 47.2 -0.1
P17A	Butcher Ranch,	27.34	7	P	P	01 43 45.6 +1.0	F33A	5 Mile Ranch,	30.23	359	P	P	01 44 10.0 -0.1	baz=186	EGMT	Eagleton	34.47	343	eP	P	01 44 48.5 +1.1
K40A	Colesburg	27.36	8	P	P	01 43 43.7 -0.9	F35A	Swanville	30.25	1	P	P	01 44 10.1 -0.1	28nm,1.4s	BMO	Blue Mountains	34.55	332	eP	P	01 44 47.3 -0.9
K41A	Shullsburg	27.36	8	P	P	01 43 43.7 -0.9	AHD	Auburn Hatcher	30.32	337	eP	P	01 44 10.8 +0.1	12nm,1.4s	ULM	Lac du Bonnet	34.63	360	P	P	01 44 47.2 -1.5
TMUT	Trail Mountain	27.39	333	eP	P	01 43 45.9 +0.6	F36A	Milaca	30.29	3	P	P	01 44 10.2 -0.5	10nm,1.0s,baz=200,slow=9.6,SNR=5.8	ULM	Lac du Bonnet	34.63	360	eP	P	01 44 47.6 -1.0
TCRU	Three Creeks R	27.40	330	eP	P	01 43 46.2 +0.8	NV11	Mina Array Sit	30.30	323	eP	P	01 44 13.4 +2.3	8.2nm,0.8s	M04C	Macdoel	34.64	324	P	P	01 44 49.5 +0.5
GSC	Goldstone, Bar	27.42	320	P	P	01 43 46.2 +0.9	MDPB	Devils Postpil	30.32	321	eP	P	01 44 13.5 +2.1	baz=192	MSO	Missoula	34.78	338	eP	P	01 44 50.4 +0.3
MWC	Mount Wilson	27.55	317	eP	P	01 43 47.8 +1.2	G43A	Wallace	30.36	11	P	P	01 44 10.5 -0.8	baz=148,SNR=9.1	YBH	Yreka Blue Hor	35.10	323	P	P	01 44 52.3 -0.7
JFWS	Jewell Farm	27.66	8	P	P	01 43 46.5 -0.8	NV01	Mina Array Sit	30.38	323	eP	P	01 44 13.8 +1.9	1.4nm,1.0s	Y18A	comp=Z,2um,18.9s,baz=151,slow=3.8,LR					02 00 43.0
JFWS	Jewell Farm	27.66	8	eP	P	01 43 46.8 -0.6	NVAR	Mina Array Bea	30.38	323	P	P	01 44 13.9 +2.1	14nm,0.9s,baz=143,slow=9.1,SNR=16	F10A	Beach Range	35.39	334	eP	P	01 44 56.1 +0.8
J34A	George	27.67	359	P	P	01 43 47.2 -0.2	F38A	Pierce - Schro	30.49	5	P	P	01 56 52.7	12nm,0.8s	JTMT	Jette	35.68	338	eP	P	01 44 58.9 +1.0
K42A	Prairie Point,	27.67	10	P	P	01 43 46.6 -0.7	F39A	Loretta													

18d 1h

Table with columns: Station, Frequency, Power, and other parameters. Includes stations like PYL, LAKA, University Cam, Methoni, Thalero, etc.

2012 FEB

Table with columns: Station, Frequency, Power, and other parameters. Includes stations like KYTH, PTL, Simia, Eretria, etc.

1000

Table with columns: Station, Frequency, Power, and other parameters. Includes stations like NVLJ, HFS, FINES, NOA, etc.

18d 2h

Table with columns: Station Name, Frequency, Power, Modulation, and other parameters. Includes stations like AKBB Malin Array Si, KIEV Kiev, NVAR Mina Array Beja, etc.

2012 FEB

Table with columns: Station Name, Frequency, Power, Modulation, and other parameters. Includes stations like DAVA Damuels, CDF Champ Du Feu, FUORN Ofenpass-Fuorn, etc.

1002

Table with columns: Station Name, Frequency, Power, Modulation, and other parameters. Includes stations like SIV San Ignacio, PTGA Pitanga, RUSC La Rusia, etc.

SJA 18 02:06:26.1±1.1, 34°50'S:72°55'W, h78km, gkm, ML4.6, MW4.5

NEIC 18 02:06:27.0±0.0, 34°55'S:72°10'W, h29km, mb4.5/5, ML4.0(GUC), After GUC.

NEIC Felt [IV] at Mostazal, Rancagua, Romeral and San Fernando; [III] at Iloca, Las Cabras, Lolol, Molina, Navidad, Paredones, Pencahue, Pichilemu, Quinta de Tilcoco, Rio Claro, Santa Cruz, Talca and Villa Alegre; [II] at Curico, Melipilla, Penafiel and Talagante. Also felt at Graneros and Machali.

BUI 18 02:06:28.3, 34°96'S:72°11'W, h49km, mB5.3/4, Ms5.4/1, ANTU Ms 7.4/2

ISCJB 18 02:06:28.5±0.3, 34°73'S:0°03'71.87W, h40km, gkm, mb4.6/25, Eror ellipse: s-maj=7.2km s-min=3.9km az=24.6

GUC 18 02:06:29.1±0.5, 34°70'S:71°86'W, h41km, 1km, ML4.7

IDC 18 02:06:30.9±3.1, 34°64'S:71°73'W, h58km, 27km, mb4.1/15, mb1.4/2/18, mb1mx0.4/5, mbmp4.4/18, ML4.5/3, Eror ellipse: s-maj=23.4km s-min=14.0km az=82.0

ISC 18 02:06:29.6±0.5, 34°66'S:0°03'71.83W, h48km, 44km, h48km, p-P, n99, e199/125, mb4.7/24, 2C-4D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Includes stations like CHPI Pichilemu, GO05 Hualae0, GO05 Hualae0, etc.

MAN 18 02:18:23.1194N:125.61E, h13km, mb4.5, ML3.3, MS3.1, 1D, Samar

NEIC 18 02:22:06.0±0.0, 11°36'N:61°42'W, h19km, MD4.0(TRN), After TRN

TRN 18 02:22:07.0, 11°37'N:61°43'W, h21km, MD3.9, Windward Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Includes stations like BESP Borongan, GRGR Grenville, GRGR Grenville, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TRN Trinidad (W), SVV Soufriere Volc, ALNG Atlantic LNG, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAR 0.6nm,0.7s, USRK Ussuriysk Arr, TAPN Tappelung, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZM 3.9nm,0.3s, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IS/CJB 18 02:35:02.8,0.7, MAN 18 02:35:02,9, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NIED 18 02:40:05,38, MAN 18 02:40:05,9, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IS/CJB 18 02:55:32,6,1,2, SKHL 18 02:55:33,7,0,3, etc.

18d 4h

Table with columns: Call Sign, Station Name, Frequency, Power, Azimuth, Elevation, and other technical details for various stations.

2012 FEB

Table with columns: Call Sign, Station Name, Frequency, Power, Azimuth, Elevation, and other technical details for various stations.

1004

Table with columns: Call Sign, Station Name, Frequency, Power, Azimuth, Elevation, and other technical details for various stations.

MAN 18 03:32:13, 10:10N:123:29E, h1km, mb3.8, ML2.6, MS2.1, 1C-1D, Cebu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other technical details for MAN stations.

NIED 18 03:39:00, 39:30N:144:60E, h5km, Mw4.0 Best double couple: Mo1.230000,1015 NP1.34,44.00000, 825.00000, lambda-97.00000, NP2.322.00000, 865.00000, lambda-87.00000

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other technical details for NIED stations.

JMA 18 03:39:54.2, 0.2, 39:29N:144:56E, h48km, M4.2

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other technical details for JMA stations.

ISC 18 03:39:55.0, 0.6, 39:23N:144:71E, 0.06, h35km, n48, c216/60, mb4.1/20, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other technical details for ISC stations.

ISCJB 18 03:50:35.4, 1.2, 37:19S:0:06:74:5W, 0.1, h10km, mb3.9/5, MS3.3/1, Error ellipse: s-maj=13.1km s-min=8.0km az=0.4

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other technical details for ISCJB stations.

ISC 18 03:50:36.3, 1.5, 37:23S:0:07:74:3W, 0.1, h10km, n14, c164/15, mb3.9/5, Off coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other technical details for ISC stations.

ISC 18 04:12:24.4, 1.0, 5:45S:0:2:151:7E, 0.2, h35km, mb4.0/9, Error ellipse: s-maj=35.1km s-min=10.7km az=36.5

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other technical details for ISC stations.

ISC 18 04:12:29.0, 3.5, 5:47S:0:2:151:7E, 0.2, h35km, mb4.1/2, Error ellipse: s-maj=34.8km s-min=17.8km az=106.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other technical details for ISC stations.

ISC 18 04:12:26.1, 2.5, 4:5S:0:2:151:8E, 0.2, h35km, n11, c169/12, mb4.2/9, New Britain region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other technical details for ISC stations.

1005
 IDC 18 04:30:40.1-4.0, 17.475:167.25E, h0km, mb3.8/4,
 mlb1 3.9/5, mb1mx3.6/4s, mbtmp3.8/5, ML3.7/1, Error
 ellipse: s-maj=82.6km s-min=37.2km az=35.0, Vanuatu
 Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
DZM	Mont Dzumac	4.64	189	Op	04 31 50.2	-1.4
		3.2nm, 0.3s, baz=279, slow=11, SNR=36		Pn		
DZM				Sn	04 32 40.5	-5.7
		2.3nm, 0.3s, baz=318, slow=19, SNR=3.3				
STKA	Stevens Creek	27.28	233	P	04 36 27.0	+0.7
		1.7nm, 0.5s, baz=36, slow=36, SNR=3.2				
WRA	Warramunga Arr	31.24	260	P	04 37 01.6	-0.1
		0.3nm, 0.8s, baz=88, slow=8.7, SNR=4.7				
ASAR	Alice Springs	31.77	253	P	04 37 06.2	-0.2
		0.7nm, 0.6s, baz=78, slow=8.8, SNR=14				
QSPA	South Pole	72.57	180	P	04 42 09.2	+0.2
		1.0nm, 0.8s, baz=9.2, slow=1.9, SNR=3.5				

IDC 18 04:38:49.2-2.2, 6.31N-124.18E, h543km, 23km, mb3.0/0.5,
 mb1 3.0/5, mb1mx2.6/6.2, mbtmp4.0/0.5, Error ellipse:
 s-maj=71.3km s-min=12.9km az=68.0, Mindanao

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
WRA	Warramunga Arr	27.93	159	P	04 43 55.7	-0.5
		0.7nm, 0.3s, baz=341, slow=9.4, SNR=24				
WRA				ScP	04 49 43.7	0.0
		0.3nm, 0.6s, baz=335, slow=2.3, SNR=7.2				
ASAR	Alice Springs	31.27	263	P	04 44 25.8	+0.8
		0.4nm, 0.5s, baz=349, slow=7.3, SNR=9.1				
ASAR				ScP	04 49 54.4	-0.2
		0.3nm, 0.5s, baz=335, slow=2.6, SNR=4.6				
NWAO	Narrogin (SRO)	39.57	189	P	04 45 33.4	-0.4
		2.0nm, 0.5s, baz=234, slow=11, SNR=3.2				
MKAR	Makanchi Array	54.01	325	P	04 47 22.7	+0.2
		1.4nm, 0.5s, baz=120, slow=7.9, SNR=28				
KURB	Kurchatov Arr	58.21	323	P	04 47 51.3	-0.1
		1.3nm, 0.6s, baz=130, slow=8.8, SNR=18				
TOROD	Torodi Arr	119.70	289	PKPdf	04 56 37.2	-1.5
		0.1nm, 0.5s, baz=70, slow=2.1, SNR=3.6				

WEL 18 04:48:54.9-0.7, 33°S, 30°W, 18°0W, h33km, ML4.6/7,
 South of Kermadec Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
GLKZ	Green Lake	3.90	23	Op	04 50 36.5	-0.5
		3.90	23	Pn	04 49 52.5	+0.1
GLKZ	Green Lake	3.90	23	Pn	04 50 07.7	+0.5
HAZ	Matakoia Point	4.97	199	P	04 51 02.2	+1.1
MXZ	Matakoia Point	4.97	199	S	04 51 02.2	+1.1
HAZ	Te Kaha	5.03	203	P	04 50 12.8	+1.0
HAZ	Te Kaha	5.03	203	S	04 51 11.5	-0.3
PKGZ	Pakihoroa	5.33	200	P	04 50 13.8	+1.5
PKGZ	Pakihoroa	5.33	200	S	04 51 14.0	+1.3
PUZ	Puketiti	5.63	192	P	04 51 16.5	+0.9
PUZ	Puketiti	5.63	192	Pn	04 50 14.8	+0.8
RUGZ	Raukumara Rang	5.53	203	P	04 50 14.8	-0.2
RUGZ	Raukumara Rang	5.53	203	S	04 51 15.5	-2.0
TWGZ	Tauwhareparea	5.63	199	S	04 51 20.6	+0.6
TWGZ	Tauwhareparea	5.63	199	Pn	04 50 17.8	+1.5
ARHZ	Arapahua	6.93	202	P	04 50 42.0	-2.1
KAHZ	Kahurangi	7.45	201	P	04 50 38.9	-2.4
BHHZ	Black Hill Sta	7.45	201	P	04 50 37.9	-3.5
KRHZ	Kereru	7.48	204	P	04 50 38.4	-3.3
PKXZ	Pawanui	7.67	200	P	04 50 41.0	-3.3
PKXZ	Pawanui	7.67	200	S	04 52 00.7	-9.4
PNHZ	Puketi	8.40	211	P	04 50 41.4	-4.5
BFZ	Birch Farm	8.46	202	P	04 50 49.6	-5.5
MRZ	Mangatoinaka R	8.66	205	P	04 50 51.0	-6.9
OGWZ	Otaki Gorge	8.95	206	P	04 50 54.8	-7.0
MTW	Mount Morrison	9.13	204	P	04 50 56.7	-7.6
CAW	Canoe Point	9.63	209	P	04 50 57.9	-8.0
TCW	Tory Channel	9.63	209	P	04 51 02.8	-8.5
TUWZ	Tuamarina	9.95	209	P	04 51 06.5	-9.1
NNZ	Nelson	10.01	212	P	04 51 07.7	-8.7
THZ	Tophouse	10.66	212	P	04 51 16.0	-9.4
KHZ	Kahutara	10.94	208	P	04 51 19.5	-10.0

BUI 18 04:50:16.6, 5°60'S, 152°04'E, h70km, mb4.9/53, mB5.2/41,
 Ms4.9/37, Ms7.4/736
 MOS 18 04:50:19.1, 0.9, 5.22S:151.40E, h54km, mb5.4/39, Error
 ellipse: s-maj=8.8km s-min=6.3km az=87.2
 ISCJB 18 04:50:20.4, 0.7, 5.29S:151.41E, h0.0E, h64km, 5km,
 mb5.0/146, Error ellipse: s-maj=5.1km s-min=4.0km
 az=43.3
 NEIC 18 04:50:22.4, 0.6, 5.29S:151.42E, h74km, 5km, mb5.1/93,
 Error ellipse: s-maj=4.7km s-min=3.5km az=131.0
 GCMT 18 04:50:22.4, 0.1, 5.55S:151.00E, h56km, MW5.4/116,
 Moment Tensor Solution, t=16.0190, s113.6200,
 Duration: t=2, Moment tensor: Scale 101/Nm
 M₁₁: 1.15e+02; M₂₂: 1.43e+02; M₃₃: 0.28e+02; M₁₂: 0.22e+02;
 M₁₃: 0.07e+02; M₂₃: 0.02e+02; Best double couple
 Mo1.369000x10¹⁷ NP1.94.000000; 651.000000;
 λ113.000000; NP2.244.000000; 644.000000; λ64.000000;
 Principal axes: T 1.2540, Plg2.700000, P -1.474000; N
 0.2300, Plg17.000000, Azm263.000000; P -A1.4840,
 Plg4.000000, Azm172.000000; nsta1 refers to body waves,
 cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

IDC 18 04:50:24.0, 1.7, 5.28S:151.45E, h88km, 14km, mb4.4/23,
 mb1 4.5/25, mb1mx4.4/50, mbtmp4.7/25, MS4.3/40,
 Ms1 4.3/40, ms1mx4.3/44, Error ellipse: s-maj=13.6km
 s-min=7.9km az=114.0
 DJA 18 04:50:24.7, 1.4, 5.5S:151.2E, h11.1, h79km, 12km, MS.4/11,
 mb5.2/11, mb5.6/9, MLV5.8/1, Mw(m)5.1/9
 ISC 18 04:50:27.0, 7.5, 5.31S:104.15148E, 0.04, h56km, 4km,
 h56km; pP, n456, c1957/447, mb5.1/138, MS4.4/49,
 21C-9D, New Britain region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
RABL	Rabaul	1.30	31	ePn	04 40 43.0	+0.2
RABL				Sn	04 51 01.6	+2.4
MANU	Manus Island	5.24	308	ePn	04 51 42.4	+5.8
PMG	Port Moresby	5.91	226	P	04 51 48.5	+2.8
		32nm, 0.3s, baz=36, slow=11, SNR=64				
PMG				S	04 52 56.7	+4.5
PMG	Port Moresby	5.91	226	eP	04 51 46.6	+0.8
PMG				Pmax		
PMG	Port Moresby	5.91	226	ePn	04 51 48.6	+2.8
PMG				eSn	04 52 53.7	+1.5
HNR	Honiara	9.34	116	eP	04 52 35.0	+2.2
HNR				eS	04 53 51.0	-2.5
HNR	Honiara	9.34	116	eP	04 52 34.9	+2.2
				Pmax		
HNR	Honiara	9.34	116	ePn	04 52 34.9	+2.2
		comp=Z, 375nm, 0.8s				
COEN	Coen	11.86	223	P	04 53 09.6	+2.3
		baz=12, SNR=14				
COEN	Coen	11.86	223	ePn	04 53 08.3	+1.0
MTSU	Mount Surprise	14.54	208	P	04 53 46.6	-2.1
		baz=15, SNR=9.7				
CTA	Charters Tower	15.54	199	P	04 53 57.6	+1.2
		comp=Z, 0.4nm, 0.3s, baz=28, slow=14, SNR=7.8				
CTA				LR	04 59 51.3	
CTAO	Charters Tower	15.54	199	eP	04 53 57.2	+0.8
		comp=Z, 2.1um, 19.0s, baz=28, slow=36				
CTAO				Pmax		
CTAO	Charters Tower	15.54	199	ePn	04 53 57.2	+0.8
		comp=Z, 38nm, 0.9s				
CTAO	Charters Tower	15.54	199	ePn	04 53 57.2	+0.8
		comp=Z, 38nm, 0.9s				
QIS	Mount Isa	19.05	216	P	04 54 40.2	+0.5
		baz=19, SNR=43				
FAKI	Fak Fak	19.33	276	eP	04 54 41.3	-0.3
		comp=Z, 192nm, 1.9s				
GUMO	Guam	19.89	341	LR	05 02 52.3	
		baz=2, 358nm, 19.6s, baz=28, slow=38				
GUMO	Guam	19.89	341	eP	04 54 47.3	-0.4
		comp=Z, 651nm, 1.1s				
GUMO	Guam	19.89	341	eP	04 54 47.3	-0.4
		comp=Z, 251nm, 1.1s				
EIDS	Eidsvold	19.95	181	P	04 54 49.7	-0.6
		baz=20, SNR=22				
EIDS	Eidsvold	19.95	181	eP	04 54 49.1	+0.9

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
SMI	Sorong	20.66	282	P	04 54 59.4	+0.5
		comp=Z, 79nm, 1.0s				
SWI	Sorong	20.67	282	P	04 55 02.0	+3.0
		comp=Z, 10.0nm, 0.5s, baz=79, slow=8.9, SNR=7.6				
SWI	Sorong	20.67	282	P	04 54 59.3	+0.3
				Pmax		
RMQ	Roma	21.21	187	P	04 55 03.8	+1.9
		baz=21, SNR=15				
MTN	Mont Dam	21.43	248	P	04 55 06.2	+1.9
		baz=22, SNR=29				
MTN	Mont Dam	21.43	248	eP	04 55 05.1	+0.7
		comp=Z, 272nm, 1.3s				
DZM	Mont Dzumac	22.07	140	LR	05 02 35.1	
		comp=Z, 4um, 21.3s, baz=318, slow=33				
DZM	Mont Dzumac	22.07	140	P	04 55 14.0	+2.8
		comp=Z, 130nm, 1.2s				
DZM				eS	04 59 14.5	+2.9
DZM				eLQ	04 59 53.3	
DZM				eLR	05 00 44.2	
WRAB	Tennant Creek	22.11	227	eP	04 55 11.6	-0.1
		comp=Z, 401nm, 1.7s				
WRAB				Pmax		
WRAB	Tennant Creek	22.11	227	eP	04 55 11.2	-0.5
		comp=Z, 282nm, 0.9s				
WRAB				eS	04 59 10.2	-2.1
WRA	Warramunga Arr	22.13	227	P	04 55 11.2	-0.6
		comp=Z, 25nm, 0.5s, baz=110, SNR=123				
WRA				ScP	04 59 12.1	-1.4
		comp=Z, 35nm, 1.2s, baz=54, slow=18, SNR=14				
WRA				ScP	04 59 12.1	-1.4
		comp=Z, 2.0nm, 0.8s, baz=48, slow=2.4, SNR=4.5				
QLP	Quilpie	22.25	197	P	04 55 13.6	+0.5
		baz=22, SNR=38				
KNRA	Kunururra	24.57	243	P	04 55 35.6	0.0
		baz=25, SNR=41				
AS31	Alice Springs	24.86	221	eP	04 55 38.4	+0.1
AS31	Alice Springs	24.89	221	eP	04 55 38.6	+0.1
		comp=Z, 57nm, 1.1s				
ASAR	Alice Springs	24.89	221	P	04 55 38.4	-0.2
		comp=Z, 29nm, 0.7s, baz				

18d 8h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include TGKZ Te Karaka, URZ Urewera, RIGZ Rimumahu, etc.

ISCJB 18 07:49:42.3:0.7, 19:01N:0:08:145:5E:0.3, h214km, mb3.4/8, Error ellipse: s-maj=38.2km s-min=9.6km az=9.5

IDC 18 07:49:43.2:4.1, 18:07N:145:58E, h209km, mb3.3/8, mb1 3.3/9, mb1mx3.1/69, mbtpm3.8/9, Error ellipse: s-maj=32.1km s-min=14.4km az=104.0

ISC 18 07:49:43.9:0.8, 18:95N:0:10:145:5E:0.3, h214km, n9, n057/10, mb3.5/8, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include GUMO Guam, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Arr, ILAR Eielson Array, INUWK Inuvik, YKA Yellowknife Ar, NVAR Mina Array Bea.

ISCJB 18 07:53:13.1:1.7, 38:59N:0:07:37:37E:0.09, h11km, 11km, Error ellipse: s-maj=14.2km s-min=7.4km az=135.0

DDA 18 07:53:13.7:38:61N:37:39E, h7km, Md2.5

ISC 18 07:53:13.6:1.6, 38:61N:0:07:37:42E:0.07, h8km, 10km, n5, n0928/9, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DARE Darende-Malaty, DARE DARE, CUGUR Gurin S'VAS, HEKIM Malaty Hekimh, AKCD Akcadag, MKAL Malaty.

IGQ 18 07:58:53.0:1.1, 4:58S:8:78W:4'0, h12km, MLV4.0/3, Peru-Ecuador border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include RIOE1 Riobamba, RIOE1 Riobamba, BMAS Trigal station, BPAT Pangaruhua Vol, IGUA Iguatata, RETU Refugio, BULB Ulba Tungurahu, PONDO Ponda, BRUN Tungurahu Vol, PISA Pisayambo, BMOR Cotopaxi Volca, ILLI Illinizas Sur, CAMI Rancho Maria, BTAM Cotopaxi Volca, BNAS Cotopaxi Volca, BREF Cotopaxi Volca, BVCC Cotopaxi Volca, NAS2 Nasa, VC1 Cotopaxi 1, ANTM Antisana-La Mi, ANTG Antisana-Guama, ANTI Antisana.

IDC 18 07:59:44.9:3.4, 54:24N:87:56E, h0km, mb1 3.0/2, mb1mx2.8/71, mbtpm3.0/2, ML2.7/2, 1C-1D, Error ellipse: s-maj=32.0km s-min=20.1km az=41.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include H46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURBS Kurchatov Arr, MK31 Makanchi Arr, MK31 Makanchi Arr, MKAR Makanchi Arr, MEX 18 08:00:25.4:0.6, 14:11N:93:75W, h16km, MD3.8, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PCIG Matushiro Arr, PCIG Matushiro Arr.

IDC 18 08:03:48.0:6.2, 36:04N:140:60E, h90km, 42km, mb3.2/4, mb1 3.3/4, mb1mx3.0/65, mbtpm3.6/4, Error ellipse: s-maj=68.0km s-min=24.5km az=64.0

ISCJB 18 08:03:49.1:0.6, 35:92N:0:04:140:32E:0.07, h105km, 5km, mb3.4/4, Error ellipse: s-maj=9.4km s-min=6.3km az=4.3

JMA 18 08:03:50.9:0.1, 35:98N:140:21E, h94km, 1km, M3.2

ISC 18 08:03:50.1:1.0, 35:94N:0:04:140:31E:0.06, h99km, 8km, n19, n055/26, mb3.6/4, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JYT Yasato, JAG Ashikaga, JRY Ryogami san, BSO3 Boso 3, JKT Katahina, JOD2 Odawara 2, BSO1 Boso 1, JIM2 Oshima 3, JVN Shimob, JFY Kawauchi, JFY Yanaizu, JFT Otama, MJAR Matushiro Arr, MAT Matushiro, JHU Hachijo jima 2, SONM Songino Array.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MKAR Makanchi Arr, KURBS Kurchatov Arr, WRA Warramunga Arr.

NIED 18 08:05:00, 40:00N:144:40E, h5km, Mw3.7 Best double couple: M3.77000x10^4 NP1:35.00000, delta 28.00000, 2:36.00000, NP2:212.00000, 662.00000, 1:87.00000

IDC 18 08:05:09.9:0.7, 39:85N:144:62E, h0km, mb3.6/12, mb1 3.8/14, mb1mx3.7/65, mbtpm3.6/14, ML3.4/2, MS2.7/1, Ms1 2.7/1, ms1mx2.1/58, Error ellipse: s-maj=21.0km s-min=17.0km az=116.0

ISCJB 18 08:05:13.5:0.5, 39:98N:0:03:144:55E:0.04, h34km, mb3.6/12, Error ellipse: s-maj=5.3km s-min=3.3km az=36.3

JMA 18 08:05:14.8:0.2, 40:01N:144:45E, h45km, M3.9

ISC 18 08:05:14.8:0.7, 39:94N:0:05:144:65E:0.06, h34km, n35, n15/10, mb3.6/12, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MIYJ Miyakonagasawa, MIYJ Nango, MIYJ Ohasama, JOM UNBOK, JNBK Urakawa-nobuka, JNBK Ichinoseki, JMK Churui, JMT Tenmabayashi, JMT Akkeshi, JAK JAK, JAH Hina, JAH Ohata, JOT JOT, JRJ Rokugo, JAR Ashorobuto, JAR Okura, JOU JOU, JYK Kaneyama, NEM2 Nemuro 2, JFR Furan, JEW Eniwo, JTKR Abashiri-Toko, JFT Otama, ASAJ Asahikawa, ASAJ Yellowknife Ar, MJAR Matushiro Arr, USRK Ussuryysk Arr, KSRS Korea Arr, SEY Seycham, SONM Songino Array, MKAR Makanchi Arr, ILAR Eielson Array, KURBS Kurchatov Arr, ASAR Alice Springs, FINES FINES Array B, NVAR Mina Array Bea, PDAR Pinedale Array, TXAR Lajitas Array.

NNC 18 08:25:57.4:2.2, 37:21N:70:79E, h0km, mb3.9, mpv3.5, 5C-1D, Error ellipse: s-maj=16.7km s-min=13.5km az=175.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SFK Sufi-Kurgan, SFK Sufi-Kurgan, AML Almayshu, MNAS Manas, MNAS Manas, UCH Uchter, KK31 Karatay Array, EK52 Ekimchan, AAK Ala-Archa, KBK Karagaybulak, TKM2 Tokmak 2.

NIED 18 08:43:00, 43:20N:145:30E, h71km, Mw3.7 Best double couple: M3.81000x10^4 NP1:35.00000, delta 19.00000, 1:95.00000, NP2:209.00000, delta 71.00000, 1:88.00000

ISCJB 18 08:43:56.7:0.4, 43:15N:0:04:145:31E:0.04, h79km, 3km, mb3.5/14, Error ellipse: s-maj=7.1km s-min=3.8km az=156.1

MOS 18 08:43:56.7:1.0, 43:16N:145:36E, h81km, mb4.1/4, Error ellipse: s-maj=13.5km s-min=9.9km az=78.3

SKHL 18 08:43:57.0:5.0, 43:12N:145:31E, h78km, 3km, mb4.5/5

JMA 18 08:43:57.6:0.1, 43:21N:145:28E, h74km, 1km, M3.7

JMA Felt J1

IDC 18 08:44:00.1:2.2, 43:23N:145:11E, h98km, 19km, mb3.6/13, mb1 3.6/14, mb1mx3.4/73, mbtpm3.7/14, Error ellipse: s-maj=19.9km s-min=16.9km az=111.0

ISC 18 08:43:57.8:0.8, 43:17N:0:05:145:30E:0.04, h73km, 6km, n65, n097/83, mb3.6/14, 12C-10, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include NEM2 Nemuro 2, NEM2 Nemuro 2, JAK Akkeshi, JAK JAK, GLVR Golovnino, GLVR Golovnino, GLVR Golovnino, JNK Nakash, JNK JNK, JRA Rausu, JRA Rausu, GRPR Tuman.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include GRPR Tuman, LAGR Lagunnoye, YUK Yuzh-Kuril'sk, YUK comp=Z,492nm,0.2s, YUK comp=N,23nm,0.1s, YUK comp=E,61nm,0.2s, YUK comp=E,369nm,0.2s, YUK comp=N,3um,0.3s, YUK comp=N,20nm,0.3s, YUK comp=N,60nm,0.3s, YUK comp=N,390nm,0.3s, YUK comp=N,3um,0.3s, YUK comp=N,370nm,0.3s, JOB Onbets, JOB Ashorobuto, JTKR Abashiri-Toko, JTKR Shikotan, SHO comp=Z,340nm,0.5s, SHO comp=E,199nm,0.4s, SHO comp=N,1um,0.3s, SHO comp=E,2um,0.4s, SHO Shikotan, SHO comp=E,200nm,0.5s, SHO comp=Z,340nm,0.5s, SHO comp=E,1um,0.3s, JCH Churui, HRK Horoka, HRK Maruseppu, HRK Erimo, HRK Kamikawa-asahi, ASAJ Asahikawa, ASAJ comp=E,42nm,0.3s, baz=116, slow=10, SNR=496, ASAJ comp=E,11nm,0.3s, baz=49, slow=19, SNR=8.4, KUR Kuril'sk, KUR comp=Z,50nm,0.4s, KUR comp=N,17nm,0.2s, KUR comp=E,22nm,0.3s, KUR comp=N,92nm,0.3s, KUR comp=E,117nm,0.3s, KUR Kuril'sk, KUR comp=E,20nm,0.3s, KUR comp=E,50nm,0.3s, KUR comp=E,160nm,0.3s, KUR comp=E,190nm,0.3s, YSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins, YSS comp=Z,30nm,0.5s, UGL Uglegorsk, MAJO Matushiro, MAJO Matushiro, GRNR Gornyy, GRNR comp=Z,1.0nm,0.05s, MSHR Mys Shultsa, KLR Kufur, EKMR Ekimchan, SONM Songino Array, SONM Songino Array, H1N2 WAKE ISLAND Hy 29.59 135 T, H1N1 WAKE ISLAND Hy 29.61 135 T, H1N3 WAKE ISLAND Hy 29.61 135 T, H1S1 WAKE ISLAND Hy 30.52 137 T, H1S3 WAKE ISLAND Hy 30.53 137 T, H1S2 WAKE ISLAND Hy 30.54 137 T, ILAR Eielson Array, KURK Kurchatov, KURK comp=Z,1.0nm,0.05s, KURK Kurchatov, KURBS Kurchatov Arr, INK Inuvik, WRA Warramunga Arr, FINES FINES Array B, FINES FINES Array B, FINES FINES Array B, ASAR Alice Springs, ASAR Alice Springs, NVAR Mina Array Bea, NOA NORSAR Array B, NOA NORSAR Array B, NOA NORSAR Array B, NOA NORSAR Array B, AKASO Malin Array B, PDAR Pinedale Array.

TXAR Lajitas Array 84.09 55 P P 08 56 20.7 -0.2
comp=2.0,1nm,0.5s,baz=293,slow=4.2,SNR=4.0
TXAR Lajitas Array 84.09 55 eP P 08 56 21.5 +0.6
TXAR Lajitas Array 84.09 55 eP P 08 56 21.5 +0.6

NDI 18 08:46:45.8-2.1,32.31N*70.58E,h30km,ML4.6,
mb4.7(NEIC)
ISCJJB 18 08:46:47.2-0.8,32.25N*0.04-0.05,h44km,7km,
mb4.5/29,MS2.8/1,Error ellipse: s-maj=8.8km
s-min=4.4km az=138.3
MOS 18 08:46:48.8-1.3,32.33N*70.97E,h56km,mb4.3/11,Error
ellipse: s-maj=15.4km s-min=6.8km az=94.9
IDC 18 08:46:49.3-0.8,32.33N*70.91E,h43km,6km,mb3.8/1.4,
mb1.3/9.18,mb1mx3.6/7.1,mbtmp4.0/18,ML3.6/4,MS3.0/8,
MS1.3/0.8,ms1mx2.2/7.7,Error ellipse: s-maj=20.8km
s-min=14.6km az=52.0
NEIC 18 08:46:50.6-1.1,32.30N*70.95E,h58km,9km,mb4.7/16,
Error ellipse: s-maj=8.3km s-min=5.5km az=199.0
NMC 18 08:46:56.4-12.0,33.46N*69.03E,h0km,mb4.4,mpv4.2,
Error ellipse: s-maj=132.9km s-min=93.9km az=117.0
ISC 18 08:46:49.0-0.6,32.32N*0.05-0.06,h43km,6km,
h43km;pp-P,n99,e1f32/12,mb4.0/29,4C-37,4C-37, Pakistan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like THW Thamme Wai, SARP Sargodha, CER Cherat, CHCP Chirah Chowk, KBL Kabul, DHAM DHARAMSHALA, etc.

AKKB Malin Array Si 35.66 313 eP P 08 53 43.1 +0.3
AKKB Malin Array Si 35.66 313 eP P 08 53 43.1 +0.3
MLR Muntele Rosi 36.94 304 LR LR 09 10 47.6

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BUR04 Buocovina Ar. S, BUR08 Buocovina Ar. S, PSI Prapra, FIA1 FINESS Array S, DIVS Divivare, etc.

IDC 18 08:56:33.4-4.7, 6.25S:132.50E,h0km,mb3.6/1,
mb1.3/4/3,mb1mx3.2/4.6,mbtmp3.2/3,ML3.2/2,Error
ellipse: s-maj=303.0km s-min=32.3km az=75.0,
Tanibar Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, WHY Whitehorse, YKA Yellowknife Ar, etc.

IDC 18 09:24:56.0-1.7, 7.01S:150.67E,h0km,mb3.9/7,
mb1.4/2.8,mb1mx3.9/4.7,mbtmp4.0/8,ML1.91,MS3.1/4,
MS1.3/1.4,ms1mx2.6/4.5,Error ellipse: s-maj=63.9km
s-min=19.2km az=127.0
NEIC 18 09:25:01.5-1.0, 7.06S:150.55E,h35km,mb4.1/1,Error
ellipse: s-maj=43.8km s-min=10.1km az=126.0
ISC 18 09:25:00.3-1.6, 7.05S:150.5E,0.3,h26km,n16,
c273/13,mb3.9/5,MS3.0/3,New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PMG Port Moresby, PMG Tennant Creek, WRA Warramunga Arr, GUMO Guam, DZM Mont Dzumak, etc.

ISCJJB 18 09:30:15.9-0.4, 9.23S:0.05-118.75E,0.03,h10km,
mb3.7/3,Error ellipse: s-maj=6.8km s-min=4.7km az=15.7
NEIC 18 09:30:17.0-0.6, 9.18S:118.77E,h10km,mb3.5/1,Error
ellipse: s-maj=12.5km s-min=9.1km az=57.0
NEIC Felt [III] at Bima.
DJA 18 09:30:19.1-0.5, 9.5S:3.119E, h13km,4km,ML4.1/4,
mb4.8/1,mb4.5/6,MLv4.3/14,Mw(mb)4.1/1
IDC 18 09:30:19.1-1.1, 8.57S:118.75E,h0km,mb3.8/4,
mb1.4/0.6,mb1mx3.7/5.5,mbtmp3.8/6,ML3.8/2,MS2.8/1,
MS1.2/8.1,ms1mx2.3/5.2,Error ellipse: s-maj=48.8km
s-min=15.9km az=45.0

ISC 18 09:30:16.9-0.6, 9.22S:0.05-118.78E,0.04,h10km,n32,
c279/33,mb3.5/3,Sumbawa region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WBSI Waikabubak, Su, WBSI Plai, PLAI Plampang, BBSI Baing, Sumba, etc.

IDC 18 09:33:50.5-6.7, 4.48S:127.07E,h104km,71km,mb3.5/3,
mb1.3/8.5,mb1mx3.3/5.4,mbtmp4.0/5,ML4.0/2,Error
ellipse: s-maj=61.8km s-min=18.5km az=83.0, Banda
Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SIJI Sorong, SIJI Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like KURBS Kurchatov Arra, CMAR Chiang Mai Arr, ZALV Zalesovo Beam, SONM Sogino Array, AKTO Aktyubinsk, FINES FINES Array B, ARCES ARCES Array B, HFS Hagfors, KMBO Kilima Mbojo, WRA Warramunga Arr, ILAR Eielson Arr, TORD Torodi Ar, YKA Yellowknife Ar.

NEIC 18 11:39:15.5,0.0,37.265x176.44E,h318km,ML4.2(WELL), After WELL

WEL 18 11:39:14.2,37.59x177E,h339km,gkm, North Island

Main station list for NEIC 18 11:39:14.2,37.59x177E,h339km,gkm, North Island. Columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like TMRZ Tauranga, OMRZ Omnia, KUZ Kouatou, TARZ Mount Tarawera, RARZ Tahuroa Road, RRRZ Republican Rca, URZ Urewera, URZ Urewera, URZ Urewera, HAZ Te Kaha, HAZ Te Kaha, RUGZ Raukumara Rang, RUGZ Raukumara Rang, MKAZ Plateau Road, PRRZ Plateau Road, WPRZ Whakapapatarin, ALRZ Allen Road, ALRZ Allen Road, TLZ Tolley Road, MWZ Matawai, MWZ Matawai, RTZ Ruatahunu, PKGZ Pakihoro, RAGZ Rawiri, RAGZ Rawiri, RAGZ Rawiri, TWGZ Tauwhareparae, TWGZ Tauwhareparae, MXZ Matakaoa Point, MXZ Matakaoa Point, MRHZ Matea Rd, MRHZ Matea Rd, WATZ Wairua, TKGZ Te Karaka, TKGZ Te Karaka, MTHZ Maungataniwha, MTHZ Maungataniwha, PUZ Puketiti, PUZ Puketiti, WMGZ Waionatatinu, WMGZ Waionatatinu, SNGZ Shannon Statio, SNGZ Shannon Statio, RAHZ Aarahi, RAHZ Aarahi, RIGZ Rimuhau, RITZ Rihia Road, CNGZ Carnagah Station, KATZ Kakarama, NMHZ Naumai, NMHZ Naumai, HIZ Hauri, HIZ Hauri, WHHZ Waihua, BKZ Black Stump Fm, BKZ Black Stump Fm, KRZV Karewarewa, KRZV Karewarewa, KNZ Kokohu, KNZ Kokohu, PRGZ Paritu Road, PRGZ Paritu Road, WTVZ West Tongariro, WTVZ Taurewa, TWVZ Taurewa, OTVZ Otareu, ARHZ Aropoanui, ARHZ Aropoanui, NGZ Ngauruhoe, NGZ Ngauruhoe, COVZ Chateau Observ, TUZV Tukino, TUZV Tukino, FWVZ Far West T-bar, FWVZ Far West T-bar, WHVZ Whangaehu Hut, WHVZ Whangaehu Hut, KWHZ Kaweka Forest, TRVZ Turoa, TRVZ Turoa, MCHZ McNeill Hill, MCHZ McNeill Hill, MHGZ Mahia Peninsula, MHGZ Mahia Peninsula, WNVZ Waihanua, WNVZ Waihanua, MOVZ Moawhango, MOVZ Moawhango, PKVZ Pokaka, PKVZ Pokaka, BHHZ Black Hill Sta, BHHZ Black Hill Sta, MVTZ Mangateitei, MVTZ Mangateitei, WCZ Waipu Caves, WRZ Vera Road, WRZ Vera Road, KRHZ Kereru, CKHZ Cape Kidnapper, CKHZ Cape Kidnapper, MHZ Mangahewa, KAHZ Kahurangi, KAHZ Kahurangi, PNHZ Pukenui, PNHZ Lake Rotokare, WAZ Wanganui, WAZ Wanganui, PXZ Pawanui, PXZ Pawanui, NEZ North Egmont, NEZ Waipukurau, WPHZ Waipukurau.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like PREZ Palmer Road, TSZ Takapari Road, TSZ Takapari Road, NWEZ Newall Road, PRHZ Porangahau, PRHZ Porangahau, DVHZ Dannevirke, DVHZ Dannevirke, OHWZ Ohakea, POWZ Post Office Ro, POWZ Post Office Ro, OHWZ Otaki George, PRWZ Poriri Road, PRWZ Poriri Road, BFZ Birch Farm, BFZ Birch Farm, BFZ Birch Farm, MRZ Mangatainokua R, MRZ Mangatainokua R, TIWZ Tintock, TIWZ Tintock, CPWZ Castlepoint, CPWZ Otaki George, OHWZ Otaki George, HOWZ Holdsworth Sta, HOWZ Holdsworth Sta, KIW Kaitiaki Island, KIW Kaitiaki Island, TMWZ Te Maipa, TMWZ Te Maipa, MTW Mount Morrison, MTW Mount Morrison, CAW Cannon Point, CAW Cannon Point, MRZ Otaki George, TRWZ Traveller, TRWZ Traveller, PAWZ Parawai Farm, PAWZ Parawai Farm, PAVZ Parawai Farm, PAVZ Wellington, MSWZ Moikau Station, MSWZ Moikau Station, MSWZ Moikau Station, BSWZ Blackbirch Sta, BSWZ Blackbirch Sta, THZ Tophouse, THZ Tophouse, KHZ Kahutara, KHZ Kahutara, DSZ Denniston Nort, DSZ Denniston Nort, LTZ Lake Taylor, LTZ Lake Taylor, INCH Incheon, OXZ Oxford, OXZ Oxford, MQZ McQueen's Vall, MQZ McQueen's Vall, WQZ Waitaha Valley, WQZ Waitaha Valley, RPZ Rata Peaks, RPZ Rata Peaks, FOZ Fox Glacier, FOZ Fox Glacier, ODZ Otahua Downs, ODZ Otahua Downs, JCYZ Jackson Bay, JCYZ Jackson Bay, WKZ Wanaka, WKZ Wanaka.

MAN 18 11:39:23,10.20N:123.34E,h27km,mb3.9,ML2.6,MS2.2

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like LLL Llapu-Lapu, LLP Tagbiliran, TBP Jordan, GUM Jordan, GUM Jordan, RCP Roxas.

IDC 18 11:42:27.1,0.2,21.58N:143.78E,h0km,mb3.5/7, mb1.3/7.7,mb1mx3.4/6,mbtmp3.5/7,MS2.8/1,Ms1.2.8/1, ms1mx2.2/4.1, Error ellipse: s-maj=37.7km s-min=23.2km az=91.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like H1N1 WAKE ISLAND Hy 21.70, H1N2 WAKE ISLAND Hy 21.71, H1N3 WAKE ISLAND Hy 21.72, H1S3 WAKE ISLAND Hy 21.74, H1S1 WAKE ISLAND Hy 21.75, H1S2 WAKE ISLAND Hy 21.75, PETK Petropavlovsk, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makaroti Array, KURBS Kurchatov Arr, YKA Yellowknife Ar, NVAR Mina Array Bea, FINES FINES Array B.

TAP 18 11:49:33.4,24.58N:122.35E,h16km,ML3.3,C

ISCJB 18 11:49:34.1,0.3,24.59N:102.122.35E,0.02,h7km,3km, Error ellipse: s-maj=4.0km s-min=2.3km az=18.3

JMA 18 11:49:34.6,24.55N:122.31E,h26km,2km,ML2.9

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like EOS1 EOS1, EGS EGS, EGS EGS, TWC Suao, TWC Suao, JYNG Yonagunijimaku, ENAH Nanao, ENAH Nanao, TWB1 Santiao Chiao, TWB1 Santiao Chiao.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like NTC Toucheng, NTC Toucheng, YOJ Yonagunijima, YOJ Yonagunijima, NANB Nanao, ILA Ilan, ILA Ilan, ENA Nanao, ENA Nanao, TIPB Tipb, TIPB Tipb, NWF Wu-fen Shan, NWF Wu-fen Shan, NWF Wu-fen Shan, WFSB Wu-fen Shan, WFSB Wu-fen Shan, ENTNT Nioudou, ENTNT Nioudou, ENTNT Nioudou, NWLT Wulai, NWLT Wulai, NACB Ninganchiao, NACB Ninganchiao, TATO Taipei, TATO Taipei, YMO7 YMO7, YMO7 YMO7, YHNB Yeheng, YHNB Yeheng, NNSB Datong, NNSB Datong, YMO8 YMO8, YMO8 YMO8, NNS Nan Shan, NNS Nan Shan, NNS Nan Shan, YM10 YM10, YM10 YM10, YMO5 YMO5, YMO5 YMO5, NSK Sanguang, NSK Sanguang, YSK YSK, YSK YSK, YM12 YM12, YM12 YM12, YM12 YM12, YMO4 YMO4, YMO4 YMO4, YMO3 YMO3, YMO3 YMO3, YMO3 YMO3, TWY3 Chenhua, TWY3 Chenhua, TWS1 Kuangyishan, TWS1 Kuangyishan, TWS1 Kuangyishan, WHF Hehuan Shan, WHF Hehuan Shan, WHF Hehuan Shan, ESL Shilin, ESL Shilin, TDCB Techi, TDCB Techi, CHGB Renai, CHGB Renai, IRIF Iriomote-Funau, IRIF Iriomote-Funau, LIQB Emei, LIQB Emei, LIQB Emei, NNST Nanjiang, NNST Nanjiang, NNST Nanjiang, HSN Hsinchu, HSN Hsinchu, HSN Hsinchu, HATJ Hateruma jima, HATJ Hateruma jima, DPDB Guoxing, DPDB Guoxing, EHY Hungye, EHY Hungye, TWQ1 Liyuan, TWQ1 Liyuan, SMLT Sun Moon Lake, SMLT Sun Moon Lake, SSSL Suanguang, SSSL Suanguang, YULB Yu-ii, YULB Yu-ii, JUJ Ishigaki jima, JUJ Ishigaki jima, FULB Fuji, FULB Fuji, JISG Ishigakijimahi, JISG Ishigakijimahi, CHNS Tsanig, CHNS Tsanig, ELDTW Lidau, ELDTW Lidau, CHN4 Tsaushan, CHN4 Tsaushan, TPUB Ta-pu, TPUB Ta-pu, WTP Ta-pu, WTP Ta-pu, CHN1 Nanshi, CHN1 Nanshi.

IDC 18 11:49:48.9,2.15,50S:167.19E,h124km,10km, mb1.4/2,mb1mx3.6/3.2,mbtmp4.1/2,ML3.7/1, Error ellipse: s-maj=82.8km s-min=33.2km az=154.0, Vanuatu Islands region

IDC 18 11:51:18.2,1.5,56S:25.51W,h0km,mb4.2/1, mb1.4/2,mb1mx3.6/3.2,mbtmp4.1/2,ML3.7/1, Error ellipse: s-maj=71.8km s-min=49.8km az=89.0, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, DZM Mont Dzumac, WRA Warramunga Arr, ASAR Alice Springs, SONM Sogino Array, ILAR Eielson Array, ILAR Eielson Array.

Table with columns: ASAR, WRA, FITZ, etc. Station Name, Az, Phase ID, Time, Res. Includes station details for ASAR, WRA, and FITZ.

IDC 18 14:33:57.6:1.3, 10.47Sx120.16E, h0km, mb3.7/4, mb1 3.7/8, mb1mx3.5/50, mbtmp3.6/6, ML3.4/4, MS2.2/1, Ms1 3.2/1, ms1mx2.4/47, Error ellipse: s-maj=5.6km s-min=19.8km az=49.0

DJA 18 14:34:04.5:0.9, 10.5Sx120.12E, h17km, mb3.6/6, MLV3.3/6

ISC 18 14:32:02.4:1.0, 10.41Sx120.72E, h34km, mb3.4km, n15, c189/19, mb3.8/4, Sumba region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like BANI, WBSI, EDFI, MMRI, BATI, BATI, BANI, etc.

IDC 18 14:38:48.4:1.8, 10.57Sx120.09E, h0km, mb3.5/2, mb1 3.5/5, mb1mx3.4/48, mbtmp3.3/5, ML3.1/3, Error ellipse: s-maj=6.1km s-min=23.1km az=49.0

ISCJB 18 14:38:52.0:0.7, 10.55Sx120.10E, h0.06, h30km, mb3.5/2, Error ellipse: s-maj=9.6km s-min=6.9km az=135.9

DJA 18 14:38:54.1:1.0, 10.5Sx120.0E, h15km, mb3.1/7, MLV3.1/7

ISC 18 14:38:53.8:0.9, 10.46Sx120.35E, h105km, mb3.0, n15, c158/16, Sumba region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like BANI, WBSI, EDFI, MMRI, BATI, BATI, BANI, etc.

JMA 18 14:46:37.4:0.1, 8.35Nx144.60E, h40km, M3.6, Off east coast of Honshu

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

NIED 18 14:54:00.28:1.0N:128.00E, h5km, Mb3.7 Best double couple: M4.69000x1014 NP1z027.0000, 642.00000, lambda=51.00000

JMA 18 14:54:28.0:0.2, 28.08N:128.04E, h15km, mb3.0, M3.5

IDC 18 14:54:28.0:1.0, 27.75N:127.60E, h0km, mb3.3/5, mb1 3.5/6, mb1mx3.2/73, mbtmp3.4/6, ML3.5/1, MS2.7/2, Ms1 2.7/2, ms1mx2.4/30, Error ellipse: s-maj=43.6km s-min=14.0km az=60.0

ISC 18 14:54:26.9:1.2, 28.06N:128.05E, h4km, mb3.2km, n21, c1812/26, mb3.2/5, Ryukyu Islands

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

Table with columns: JOW, JAM, JAM, etc. Station Name, Az, Phase ID, Time, Res. Includes station details for JOW, JAM, JAM, etc.

ISC 18 15:01:14.3:2.4, 29.93Sx176.74W, h0km, mb3.3/2, mb1 3.6/2, mb1mx3.3/40, mbtmp3.3/2, Error ellipse: s-maj=63.6km s-min=34.5km az=34.0, Kermadec Islands region

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

ISCJB 18 15:11:33.1:0.7, 37.59N:104.72E, h0.1, h113km, mb3.5/2, Error ellipse: s-maj=12.9km s-min=4.5km az=163.4

KRNET 18 15:11:37.5:0.1, 37.98N:72.10E, mb3.2

IDC 18 15:11:39.2:0.2, 37.98N:72.75E, h168km, mb3.0, mb1 3.0/2, mb1mx2.8/74, mbtmp3.5/7, MS2.9/2, Ms1 2.9/2, ms1mx2.4/38, Error ellipse: s-maj=55.8km s-min=27.5km az=9.0

NNC 18 15:11:40.3:2.0, 38.26N:72.10E, h0km, mb4.3, mpv3.9, Error ellipse: s-maj=15.6km s-min=11.5km az=172.0

ISC 18 15:11:33.4:1.0, 37.64N:107.72E, h0.1, h113km, n32, c192/38, 9C-5D, Tajikistan

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

MAN 18 15:42:30.10:12N:123.52E, h27km, mb3.8, ML2.5, MS2.1, 2C, Cebu

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

IDC 18 15:48:32.2:1.4, 2.96S:140.47E, h0km, mb3.7/5, mb1 4.1/7, mb1mx3.6/49, mbtmp3.9/7, ML4.3/2, Error ellipse: s-maj=42.7km s-min=22.0km az=99.0

ISCJB 18 15:45:35.8:1.1, 3.15S:140.4E, h0.2, h33km, mb3.5/4, Error ellipse: s-maj=33.9km s-min=15.6km az=11.8

ISC 18 15:48:37.7:1.3, 3.25S:140.4E, h0.3, h35km, n7, c298/8, mb3.6/4, Irian Jaya

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

MAN 18 15:53:33.9:69N:122.95E, h33km, mb3.8, ML2.6, MS2.1, 2C, Negros

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

SKHL 18 15:55:09.7:0.1, 43.61N:147.78E, h51km, mb4.0/2

JMA 18 15:55:09.5:0.2, 43.49N:147.65E, h33km, M2.8

ISC 18 15:55:08.4:3.1, 43.6N:147.8E, h0.2, h35km, n10, c086/16, 1C, Kuril Islands

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

Table with columns: NWAO, NWAO, STKA, etc. Station Name, Az, Phase ID, Time, Res. Includes station details for NWAO, NWAO, STKA, etc.

comp=Z.366nm, 21.4s, baz=54, slow=31

comp=Z.59nm, 19.0s, baz=62, slow=32

comp=Z.132nm, 19.6s, baz=201, slow=34

comp=Z.175nm, 18.4s, slow=35

comp=Z.115nm, 18.6s, baz=334, slow=36

comp=Z.233nm, 18.2s, baz=224, slow=37

comp=Z.242nm, 18.2s, baz=192, slow=30

comp=Z.242nm, 18.2s, baz=192, slow=30

comp=Z.242nm, 18.2s, baz=192, slow=30

comp=Z.242nm, 18.2s, baz=192, slow=30

comp=Z.242nm, 18.2s, baz=192, slow=30

comp=Z.242nm, 18.2s, baz=192, slow=30

comp=Z.242nm, 18.2s, baz=192, slow=30

comp=Z.242nm, 18.2s, baz=192, slow=30

comp=Z.242nm, 18.2s, baz=192, slow=30

comp=Z.242nm, 18.2s, baz=192, slow=30

comp=Z.242nm, 18.2s, baz=192, slow=30

comp=Z.242nm, 18.2s, baz=192, slow=30

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comp=Z.242nm, 18.2s, baz=192, slow=30

comp=Z.242nm, 18.2s, baz=192, slow=30

comp=Z.242nm, 18.2s, baz=192, slow=30

comp=Z.242nm, 18.2s, baz=192, slow=30

comp=Z.242nm, 18.2s, baz=192, slow=30

comp=Z.242nm, 18.2s, baz=192, slow=30

comp=Z.242nm, 18.2s, baz=192, slow=30

comp=Z.242nm, 18.2s, baz=192, slow=30

comp=Z.242nm, 18.2s, baz=192, slow=30

comp=Z.242nm, 18.2s, baz=192, slow=30

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comp=Z.242nm, 18.2s, baz=192, slow=30

comp=Z.242nm, 18.2s, baz=192, slow=30

comp=Z.242nm, 18.2s, baz=192, slow=30

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comp=Z.242nm, 18.2s, baz=192, slow=30

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comp=Z.242nm, 18.2s, baz=192, slow=30

comp=Z.242nm, 18.2s, baz=192, slow=30

comp=Z.242nm, 18.2s, baz=192, slow=30

comp=Z.242nm, 18.2s, baz=192, slow=30

comp=Z.242nm, 18.2s, baz=192, slow=30

comp=Z.242nm, 18.2s, baz=192, slow=30

comp=Z.242nm, 18.2s, baz=192, slow=30

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

Table with columns: WHO, Station Name, Az, Phase, ID, Time, Res. Includes entries for Vista Hermosa, IDC 18 17:02:15.17, 6.88S, 149.83E, h114km, 52km, mb2.6/2, mb1 2.7/4, mb1mx2.6/4, mbtmp3.0/4, Error ellipse: s-maj=71.1km s-min=37.3km az=97.0, Eastern New Guinea region.

IDC 18 17:09:00.0-0.7, 17.65N, 46.48W, h0km, mb3.9/14, mb1 4.1/14, mb1mx3.8/62, mbtmp3.9/14, MS3.5/22, Ms1 3.5/22, ms1mx3.3/63, Error ellipse: s-maj=23.9km s-min=16.6km az=143.0

ISCJB 18 17:02:01.2-0.5, 17.67N, 146.47W, h10km, mb3.9/16, MS3.5/21, Error ellipse: s-maj=14.9km s-min=10.4km az=152.2

NEIC 18 17:09:02.5-0.8, 17.78N, 46.48W, h4km, 4km, mb4.4/3, Error ellipse: s-maj=13.5km s-min=10.0km az=143.0

ISC 18 17:09:03.4-0.6, 17.8N, 0.1, 46.5W, 0.1, h10km, n53, 1536/30, mb4.0/16, MS3.5/21, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for San Juan, Pitinga, Santo Domingo, El Rosal, etc.

ISCJB 18 17:34:47.9-0.3, 51.93N, 0.05, 171.66W, 0.05, h44km, mb4.2/41, MS3.18, Error ellipse: s-maj=7.1km s-min=3.6km az=160.7

Table with columns: GSTD, Station Name, Az, Phase, ID, Time, Res. Includes entries for Great Sitkin T, ADAG, Makushin Rep't, etc.

IDC 18 17:09:00.0-0.7, 17.65N, 46.48W, h0km, mb3.9/14, mb1 4.1/14, mb1mx3.8/62, mbtmp3.9/14, MS3.5/22, Ms1 3.5/22, ms1mx3.3/63, Error ellipse: s-maj=23.9km s-min=16.6km az=143.0

ISCJB 18 17:02:01.2-0.5, 17.67N, 146.47W, h10km, mb3.9/16, MS3.5/21, Error ellipse: s-maj=14.9km s-min=10.4km az=152.2

NEIC 18 17:09:02.5-0.8, 17.78N, 46.48W, h4km, 4km, mb4.4/3, Error ellipse: s-maj=13.5km s-min=10.0km az=143.0

ISC 18 17:09:03.4-0.6, 17.8N, 0.1, 46.5W, 0.1, h10km, n53, 1536/30, mb4.0/16, MS3.5/21, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for San Juan, Pitinga, Santo Domingo, El Rosal, etc.

ISCJB 18 17:34:47.9-0.3, 51.93N, 0.05, 171.66W, 0.05, h44km, mb4.2/41, MS3.18, Error ellipse: s-maj=7.1km s-min=3.6km az=160.7

Table with columns: KSR5, Station Name, Az, Phase, ID, Time, Res. Includes entries for Korea Array, Lac du Bonnet, ULM, etc.

IDC 18 17:09:00.0-0.7, 17.65N, 46.48W, h0km, mb3.9/14, mb1 4.1/14, mb1mx3.8/62, mbtmp3.9/14, MS3.5/22, Ms1 3.5/22, ms1mx3.3/63, Error ellipse: s-maj=23.9km s-min=16.6km az=143.0

ISCJB 18 17:02:01.2-0.5, 17.67N, 146.47W, h10km, mb3.9/16, MS3.5/21, Error ellipse: s-maj=14.9km s-min=10.4km az=152.2

NEIC 18 17:09:02.5-0.8, 17.78N, 46.48W, h4km, 4km, mb4.4/3, Error ellipse: s-maj=13.5km s-min=10.0km az=143.0

ISC 18 17:09:03.4-0.6, 17.8N, 0.1, 46.5W, 0.1, h10km, n53, 1536/30, mb4.0/16, MS3.5/21, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for Greenville, Saba, Pitinga, Santo Domingo, etc.

ISCJB 18 17:34:47.9-0.3, 51.93N, 0.05, 171.66W, 0.05, h44km, mb4.2/41, MS3.18, Error ellipse: s-maj=7.1km s-min=3.6km az=160.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include BOSB, KMBO, ATD, ZALV, AAK.

IDC 18:07:20.1±2.2, 1.69N:125.64E, h0km, mb3.0/3, mb1.3/2.3, mb1mx3.1/6.3, mbtmp3.0/3, Error ellipse: s-maj=199.8km s-min=28.3km az=65.0

DJA 18:08:15.4±0.7, 1.56N:127.7E, h10km, M2.2/3, MCV2.2/3

ISC 18:07:21.5±1.6, 1.5N:125.6E±0.1, h10km, n9, r169/6, mb3.1/3, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LBMI, SANI, SWI, WRA, ASAR, MKAR.

KRSC 18:18:17.21±0.1, 2.5330N:161.70E, h40km±15km, ML3.6, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SPN, KIL, NLC, KZV, TUMR, SDLR, SMAR, UGLR, AVH, KRX, KRY, DALK, PET, KMINR, GNL, BZMR, BZWR, KPT, KRMR, RUS, MTRV, KBTR, KOZ, KLY, ASAK, BDR, SMKR, APC, BKI, SRKR, PAU.

ISCJB 18:18:42.2±0.4, 49.96N:0.03E, 18.46E±0.03, h0km, Error ellipse: s-maj=4.6km s-min=2.4km az=16.8

CSEM 18:18:42.7±0.3, 49.96N:18.49E, h1km, ML2.5/10, Error ellipse: s-maj=7.4km s-min=3.2km az=31.0

VIE 18:18:43.1±1.4, 49.79N:18.49E, h0km, mb1.9/3, ML2.4/3, Error ellipse: s-maj=9.2km s-min=5.9km az=35.0, Suspected Mining induced.

IPEC 18:18:43.2±0.2, 49.92N:18.56E, h0km, ML1.8/3, Error ellipse: s-maj=2.1km s-min=1.1km az=161.0

ISC 18:18:43.3±0.5, 49.90N:0.03E, 18.48E±0.02, h0km, n30, c081/57, 3D, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include OKC, MORC, LANS, OJC, KRKC, NIE, VRAC, VYHS, DPC, KRUC, KSP, STHS, KECS.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KECS, CONA, PRU, BRG, KHC, KHC, KHC.

DDA 18:23:38.2, 41.20N:39.94E, h8km, MD2.6

CSEM 18:23:38.2, 41.20N:39.94E, h8km, MD2.6

ISC 18:23:38.2, 41.20N:0.10E, 39.62E±0.08, h27km, 7km, n13, c0973/24, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KTUT, MACK, MACK, MACK, BAYT, BAYB, BAYB, BAYB, KOPD, KOPD, DBAD, DDEM, DDEM, DDEM.

CSEM 18:24:36.9±0.9, 41.27N:20.40E, h2km, ML2.6, Error ellipse: s-maj=13.6km s-min=10.5km az=132.0

SKO 18:24:37.9, 41.39N:20.34E, h15km, M1.6, ML2.1

TIR 18:24:38.2, 41.41N:31N:20.34E, h8km, 18km, ML2.6

PDG 18:24:39.6±0.3, 41.41N:20.28E, h1km, 1km, ML2.1/7, Error ellipse: s-maj=0.7km s-min=0.7km az=0.0

ISC 18:24:36.2±1.6, 41.20N:0.05E, 20.32E±0.03, h4km, 12km, n35, c089/68, 13C-4D, Albania

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include TIR, OHR, OHR, OHR, PPH, PPH, PPH, KRUS, KRUS, KRUS.

BIA Bitola

BIA Bitola

BIA Bitola

BIA Bitola

PUK Puka

PUK Puka

ULC Ulcinj

ULC Ulcinj

DRME Dracevica, Mon

DRME Dracevica, Mon

PVY Plav

PVY Plav

PVY Plav

PDG Podgorica

TTG Podgorica

BUM Brajci-Budva

BUM Brajci-Budva

BUM Brajci-Budva

BEY Berane

BEY Berane

IVA Berane

IVA Berane

CEME Cevo

CEME Cevo

CEME Cevo

KOME Kolasin

KOME Kolasin

KOME Kolasin

HCV Herceg Novi

HCV Herceg Novi

HCV Herceg Novi

NKY Niksic

NKY Niksic

BRY Bratogost

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18d 19h

Table with columns: ID, Name, Location, Time, Status, and other metrics. Includes entries like 105D Terrebonne, OR, 80.71 35 P, etc.

2012 FEB

Table with columns: ID, Name, Location, Time, Status, and other metrics. Includes entries like SRU San Rafael Swe, 83.96 44 eP, etc.

1026

Table with columns: ID, Name, Location, Time, Status, and other metrics. Includes entries like RND Reindeer, 86.49 11 eP, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Podgorica, Lamas de Olo, Braganca, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Cerro Villicu, Mognna, Cerro Valdivia, etc.

ICD 18 19:30:07.1-0.9, 101.14N-123.13E, h0km, mb3.7/12, mb1.3/12, mb1mx3.7/59, mbtmp3.7/12, MS3.9/2, Ms1.3.9/2, ms1mx3.0/57, Error ellipse: s-maj=48.4km s-min=15.8km az=65.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Jordan, Lapu-Lapu, Tagbilaran, etc.

ICD 18 19:30:08.1-1.1, 10.228N-0.02, 123.232E-0.03, h9km-8km, n57, c1925/69, mb3.8/16, 3C-5D, Cebu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like San Jose, Musuan, San Andres, etc.

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

MAN 18 19:32:05, 10.15N-123.22E, h1km, mb3.8, ML2.5, MS2.0, 3D, Cebu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Lapu-Lapu, Tagbilaran, Jordan, etc.

ICD 18 19:33:15.7-3.0, 21.105S-176.77W, h0km, mb3.8/3, mb1.4/1.4, mb1mx3.7/39, mbtmp3.8/3, Error ellipse: s-maj=287.6km s-min=34.8km az=161.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Alice Springs, Warramunga Arr, Tennant Creek, etc.

ICD 18 19:37:34.9-1.9, 20.13S-174.08W, h0km, mb3.8/3, mb1.4/1.4, mb1mx3.7/44, mbtmp3.9/4, ML2.7/1, Error ellipse: s-maj=79.1km s-min=23.8km az=140.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Afiamalu, Lajitas, Deep Cove, etc.

ICD 18 19:37:41.2-1.1, 20.05S-174.3W, h0km, mb3.8/3, mb1.4/1.4, mb1mx3.7/44, mbtmp3.9/4, ML2.7/1, Error ellipse: s-maj=79.1km s-min=23.8km az=140.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Afiamalu, Lajitas, Deep Cove, etc.

ICD 18 19:42:47.1-3.3, 23.30S-171.84E, h0km, mb3.5/3, mb1.3/7.4, mb1mx3.5/43, mbtmp3.4/4, ML2.6/1, Error ellipse: s-maj=107.1km s-min=54.7km az=6.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Mont Dzumac, Alice Springs, Warramunga Arr, etc.

MAN 18 19:43:26, 10.07N-123.31E, h8km, mb3.9, ML2.6, MS2.1, 1D, Cebu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Tagbilaran, Lapu-Lapu, Sibulan, etc.

ISCJB 18 19:49:02.0-0.3, 7.74S-0.03, 127.93E-0.03, h200km, mb4.2/14, Error ellipse: s-maj=4.5km s-min=4.3km az=7.0

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

MAN 18 19:49:02, 10.15N-123.22E, h1km, mb3.8, ML2.5, MS2.0, 3D, Cebu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Kaimana, Papua, Labuha, etc.

ICD 18 19:49:02, 10.15N-123.22E, h1km, mb3.8, ML2.5, MS2.0, 3D, Cebu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Alice Springs, Warramunga Arr, Tennant Creek, etc.

ICD 18 19:49:02, 10.15N-123.22E, h1km, mb3.8, ML2.5, MS2.0, 3D, Cebu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Alice Springs, Warramunga Arr, Tennant Creek, etc.

ICD 18 20:02:35.9, 38.38N-39.22E, h6km, ML2.5/4, ISCJB 18 20:02:36.4-0.4, 38.39N-0.03, 39.24E-0.03, h8km-3km, Error ellipse: s-maj=4.4km s-min=3.9km az=14.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Sirrice-ELAZID, Sirrice-ELAZID, Sirrice-ELAZID, etc.

ICD 18 20:02:36.3-0.1, 38.40N-39.22E, h5km, ML2.5, Error ellipse: s-maj=3.2km s-min=2.8km az=17.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Sirrice-ELAZID, Sirrice-ELAZID, Sirrice-ELAZID, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Sirrice-ELAZID, Sirrice-ELAZID, Sirrice-ELAZID, etc.

18D 20h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URFA Urfa, HEKM Malatya_Hekimh, ILIC ilic-Erzincan, etc.

MAN 18 20:04:05,10:10N,123:38E,h3km,mb3.5,ML2.2,MS1.6,1D,Cebu. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

ICD 18 20:08:38.8:1.7,4245:145:29E,h0km,mb3.2/3,mb1 3.5/5,mb1mx3.3/4.6,mbtmp3.3/5,ML3.2/1,Error ellipse: s-maj=51.3km s-min=27.7km az=117.0,Near north coast of New Guinea. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

ISCJB 18 20:14:03.3:1.0,22:8N,02:46:0W,0.1,h10km,mb3.5/7,Error ellipse: s-maj=32.6km s-min=18.0km az=171.1, etc. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

MAN 18 20:22:07,10:14N,123:36E,h31km,mb3.8,ML2.5,MS2.0,1D,Cebu. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

ICD 18 20:27:24.5:4.0,30:19S,137:09E,h0km,mb1 2.7/3,mb1mx2.7/4.7,mbtmp2.3/3,ML2.5/3,Error ellipse: s-maj=64.7km s-min=18.2km az=45.0,South Australia. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

NEIC 18 20:28:10.0:0.0,35:81N,96:91W,h4km,ML2.9(TUL),After TUL, NEIC Felt at Agra, Broken Arrow, Chandler, Choctaw, Newalla, Norman, Oklahoma City, Stroud and Tnyon. Table with columns: 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 T34A McClaskey Farm, T36A Boggs Farm, T36A Salina, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like W38A Potou, U38A Greitt, S36A Lake Cedric, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like V39A Fountain Ranch, V39A Pettigrew, R36A Gordon, Harris, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like W40A Ferguson Farm, W40A Fergusson Farm, KSU1 Kansas State U, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like X301 Greenbrier Sit, WLAR White Oak Lake, WHAR Woolly Hollow, etc.

1030

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SANI Sanana, LUWI Luwuk, LUWI Luwuk, etc.

MAN 18 20:43:43,10:26N,123:07E,h27km,mb4.0,ML2.8,MS2.4,1D,Cebu. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

MAN 18 20:47:14,9:30N,123:20E,h1km,mb3.9,ML2.7,MS2.2,1D,Negros. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

NIED 18 20:49:00,37:30N,143:60E,h5km,Mw4.1 Best double couple: Mo:1.38000x1015 NP1:6e18.00000, etc. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WAKE ISLAND, SONGINGO ARRAY, LANZHOU, CHENGDU, etc.

18d 21h:58.6:2.6:57S.153:36E, h0km, mb3.5/5, mb1 3.7/6, mb1mx3.5/47, mbtmp3.5/6, ML1.6/1, MS3.1/1, Ms1 3.3/1, ms1mx2.4/26, Error ellipse: s-maj=77.5km s-min=25.4km az=127.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PORT MORESBY, WARRAMUNGA ARR, ALICE SPRINGS, etc.

HELI 18 21:03:45.1:0.3, 67.73N:33.83E, h0km, ML1.8, Explosion CSEM 18 21:03:46.3:0.4, 67.72N:33.46E, h2km, ML1.8, Error ellipse: s-maj=7.4km s-min=5.4km az=96.0, Mining explosion.

NAO 18 21:03:46.0:3.2, 67.57N:33.25E, ML2.5 18 21:03:46.3:2.4, 67.72N:0.06:33.4E:0.1, h0km, n188, 0:059/26, Baltic States-Belarus-Northwestern Russia

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KUE6, SOGONGINGO ARRAY, LANZHOU, etc.

ISCJB 18 21:04:23.1:0.4, 5.77N:0.03:126.88E:0.05, h84km, mb4.0/18, Error ellipse: s-maj=7.9km s-min=4.5km

18 21:04:24.3:1.5, 5.68N:126.64E, h78km, 13km, mb3.8/13, mb1 3.9/16, mb1mx3.6/61, mbtmp4.2/16, MS3.1/2, Ms1 3.1/2, ms1mx2.4/59, Error ellipse: s-maj=25.8km s-min=10.2km az=69.0

NEIC 18 21:04:25.5:0.8, 5.70N:126.63E, h91km, 7km, mb4.1/5, Error ellipse: s-maj=14.0km s-min=5.6km az=72.0

DJA 18 21:04:34.2:0.9, 5.7N:126.7E, h147km, 10km, M4.2/6, mb4.1/6, mb4.6/3, MLV4.2/6, Mw(MB)3.8/3

ISC 18 21:04:24.8:0.5, 5.70N:0.05:126.83E:0.07, h84km, n40, 0:1938/51, mb4.0/18, 1D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like DAVAO CITY (W), KIDAPAWAN, etc.

ISCJB 18 21:33:46.2:1.0, 31.89S:0.09:69.5W:0.1, h119km, gkm, Error ellipse: s-maj=20.7km s-min=5.3km az=44.2

SJA 18 21:33:46.0:0.4, 31.92S:69.53W, h112km, 2km, ML3.2, MW3.2

ISC 18 21:33:47.2:1.8, 31.89S:0.09:69.54W:0.09, h111km, 13km, n12, 0:0512/10, 1C, San Juan Province

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

MEX 18 21:34:03.5:0.6, 15.55N:96.46W, h5km, MD3.8, Near coast of Oaxaca

MEX 18 21:39:07.1:0.7, 15.56N:96.46W, h3km, MD3.7, Near coast of Oaxaca

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

NIED 18 21:06:00.28:90N:129:90E, h14km, Mw3.8, Best double couple: M5.77000:1014 NP1:9:284.00000, 854.00000, lambda=138.00000, NP2:9:166.00000, 857.00000, lambda=44.00000

JMA 18 21:06:58.7:0.2, 28.93N:129.93E, h38km, M3.6, Ryukyu Islands

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

IDC 18 21:07:45.7:7.5, 3.85S:147.21E, h0km, mb3.2/3, mb1 3.5/3, mb1mx3.3/48, mbtmp3.3/3, MS2.1/1, Ms1 2.1/1, s-min=32.4km az=100.0, Bismarck Sea

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

IDC 18 21:20:51.3:2.0, 1.50N:132.10E, h0km, mb3.2/3, mb1 3.4/4, mb1mx3.1/57, mbtmp3.2/4, ML2.6/1, Error ellipse: s-maj=73.1km s-min=22.4km az=83.0, Irian Jaya region

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

ISCJB 18 21:33:46.2:1.0, 31.89S:0.09:69.5W:0.1, h119km, gkm, Error ellipse: s-maj=20.7km s-min=5.3km az=44.2

SJA 18 21:33:46.0:0.4, 31.92S:69.53W, h112km, 2km, ML3.2, MW3.2

ISC 18 21:33:47.2:1.8, 31.89S:0.09:69.54W:0.09, h111km, 13km, n12, 0:0512/10, 1C, San Juan Province

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

MEX 18 21:34:03.5:0.6, 15.55N:96.46W, h5km, MD3.8, Near coast of Oaxaca

MEX 18 21:39:07.1:0.7, 15.56N:96.46W, h3km, MD3.7, Near coast of Oaxaca

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

SJA 18 21:40:52.8:0.4, 29.26S:71.32W, h17km, 6km, ML3.3, MW3.3

GUC 18 21:40:53.3:0.4, 29.26S:70.52W, h67km, h1km, ML3.2, ISC 18 21:40:58.3:1.5, 29.35S:0.03:70.87W:0.09, h1km, 13km, n14, 0:1950/19, 3C, Central Chile

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

18d 21h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AGUA, VCA, AMOG, RTL, AUST, etc.

ISK 18 21:41:45.4, 38:87N, 43:68E, h15km, ML2.3/1
ISCJB 18 21:41:46.0, 38:87N, 0.03:43:69E, 0.00:0.0, h11km, 5km,
Error ellipse: s-maj=8.4km s-min=4.8km az=22.8

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

NIED 18 21:43:00.38:00N, 141:90E, h50km, Mw4.5 Best double
couple: M5.5:1000-1015 NPI3:202.00000: 8.14.000000-
1.44.00000- NP2:327.00000: 8.82.00000- 1.79.00000-

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

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

2012 FEB

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TEY, KUR, YSS, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H11N1, H11N3, H11S1, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like mb3.8/10, mb1.4, mb1mx3.7/48, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BUJ, MS4, MS7, MS4, etc.

IDC 18 21:54:54.7-9.5, 4.30S-142.73E, h0km, mb3.4/2, mb1 3.7/3, mb1mx3.3/41, mbmp3-3.5, ML3.4/1, Error ellipse: s-maj=339.7km s-min=32.4km az=94.0, New Guinea

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

KRNET 18 22:06:08.4-0.1, 39.28N-76.54E, mb2.5, NNC 18 22:06:10.3-5.4, 38.35N-71.72E, h0km, mb2.8, mpv2.4, Error ellipse: s-maj=40.9km s-min=20.2km az=4.0

ISC 18 22:06:09.5-3.8, 38.2N-0.2-71.9E, h10km, nb6, +f11112, 8C-4D, Afghanistan-Tajikistan border region

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

KRSC 18 22:07:16.2-0.7, 55.48N-162.69E, h377km, 16km, ML3.8, Near east coast of Kamchatka Peninsula

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

IDC 18 22:42:16.6-60.0, 16.65S-176.57W, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.5/50, mbmp3.8/3, MS3.3/2, Ms1 3.3/2, ms1mx2.7/45, Error ellipse: s-maj=1110.0km s-min=180.9km az=78.0, Fiji Islands region

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

MAN 18 22:51:21.9, 39.9N-123.18E, h27km, mb4.1, ML2.9, MS2.5, 2C, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SNPH, TBP, LLP, GUIM, MSLP, RCP.

DDA 18 22:53:35.6, 38.71N-30.37E, h7km, ML2.3, ISK 18 22:53:35.9, 38.75N-30.39E, h5km, ML2.7/3, ISCBJ 18 22:53:36.0, 38.72N-30.40E, h10km, Error ellipse: s-maj=7.5km s-min=0.0km az=43.6

CSEM 18 22:53:36.0, 38.72N-30.38E, h5km, ML2.7, Error ellipse: s-maj=6.1km s-min=4.3km az=54.0

ISC 18 22:53:36.2-0.9, 38.71N-0.03-30.37E, h10km, n28, +e068/34, Turkey

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

ISC 18 22:58:50.6-0.3, 3.3N-3.12E, h65km, 5km, M4.7/18, mb5.0/18, mb5.2/12, MLV5.0/14, Mw(mb)4.5/12, ISC 18 22:58:50.2-0.6, 2.42N-0.03-126.91E, h0.05, h61km, 5km, n373, +f153/391, mb4.9/121, 32C-16D, Northern Molucca Sea

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

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time Res, h m s, ISC. Includes stations like USP, AML, ZALV, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time Res, h m s, ISC. Includes stations like SPITS, SPATA, QSPA, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time Res, h m s, ISC. Includes stations like TNSS, IZV, MTBS, etc.

ISK 18 23:11:37.2, 38.68N-43.15E, h13km, ML2.3/5
ISCJB 18 23:11:38.4, 0.5, 38.72N:0.02:43.17E:0.05, h11km, 5km,
Error ellipse: s-maj=6.1km s-min=3.7km az=15.8
DDA 18 23:11:38.2, 38.72N-43.21E, h7km, ML2.3
CSEM 18 23:11:38.0, 0.2, 38.71N:43.16E, h7km, ML2.3, Error
ellipse: s-maj=5.4km s-min=3.7km az=114.0
ISC 18 23:11:38.3:0.9, 38.70N:0.02:43.19E:0.03, h17km, 7km,
n25, c069/43, Turkey

SOME 18 23:00:11.5, 43.27N-80.88E, h20km
NCC 18 23:00:12.7, 1.8, 43.13N:80.73E, h0km, mb2.6, mpv2.2,
Error ellipse: s-maj=2.0km s-min=1.7, km az=172.0
ISC 18 23:00:14.0, 1.9, 43.40N:0.07:80.83E:0.07, h5km, 12km,
n20, c097/35, 6C-3D, Kazakhstan-Xinjiang border
region

ISCJB 18 23:14:55.0:2.0, 43.51N:0.03:135.20E:0.04, h360km,
mb3.6/35, Error ellipse: s-maj=4.4km s-min=3.3km
az=25.1

MOS 18 23:14:56.9:1.1, 43.65N:135.31E, h379km, mb3.9/26,
Error ellipse: s-maj=10.0km s-min=6.6km az=101.8
SKHL 18 23:14:57.1:0.5, 43.61N:135.30E, h360km, mb3.4/37
IDC 18 23:14:57.4:0.6, 43.63N:135.30E, h367km, 5km, mb3.4/25,
mb1.3/31, mb1mx3.3/73, mbtmp4.1/31, Error ellipse:
s-maj=9.7km s-min=8.4km az=62.0

JMA 18 23:15:00.5:0.5, 43.31N:135.92E, h383km, M3.8
ISC 18 23:14:55.9:0.4, 43.50N:0.05:135.40E:0.04, h360km,
n130, c195/99, mb3.8/35, 10C-8D, Primorye

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

19d 3h

Table listing station data for 19d 3h, including station names like UALR, AMTX, OK022, etc., and their coordinates and parameters.

MEX 19 02:21:31.1±0.6, 15.61N:96.44W, h3km, MD3.5, Near coast of Oaxaca

Table listing station data for MEX 19 02:21:31.1±0.6, 15.61N:96.44W, h3km, MD3.5, Near coast of Oaxaca.

MEX 19 02:25:11.0±0.5, 15.14N:97.05W, h2km, MD3.9, Near coast of Oaxaca

Table listing station data for MEX 19 02:25:11.0±0.5, 15.14N:97.05W, h2km, MD3.9, Near coast of Oaxaca.

2012 FEB

Main table listing station data for 2012 FEB, including station names like HUIG, VHO, CSEM, etc., and their coordinates and parameters.

IDC 19 03:07:39.8±0.3, 32.198S:178.93W, h0km, mb3.4/2, mb1 3.8/3, mb1mx3.6/43, mbtm3.7/3, ML4.1/1, Error ellipse: s-maj=68.0km s-min=44.8km az=118.0

WEL 19 03:07:45.0±0.4, 33.3°S, 177.9°W, h3km, ML4.5/13

Table listing station data for WEL 19 03:07:45.0±0.4, 33.3°S, 177.9°W, h3km, ML4.5/13.

1040

Table listing station data for 1040, including station names like OUZ, AMH, WHZ, etc., and their coordinates and parameters.

ISCJB 19 03:12:34.5±1.1, 31.778S:0.0470:19W:0.06, h13km, 12km, Error ellipse: s-maj=9.1km s-min=6.1km az=172.1

GUC 19 03:12:34.6±0.5, 31.778S:70.25W, h38km, 6km, ML2.5

ISC 19 03:12:35.3±2.1, 31.78S:0.0470:20W:0.06, h105km, 21km, n12, ±0.62/20, Chile-Argentina border region

Table listing station data for ISCJB, GUC, and ISC events, including station names like RTLS, AUSP, etc., and their coordinates and parameters.

ISC 19 03:18:22.6±0.3, 19.84S:0.077:91W:0.05, h400km, mb4.4/86, Error ellipse: s-maj=10.3km s-min=5.0km az=154.4

NEIC 19 03:18:23.4±0.8, 19.79S:177.88W, h38km, 6km, mb4.5/67, Error ellipse: s-maj=9.1km s-min=4.1km az=156.0

IDC 19 03:18:23.4±1.6, 19.87S:177.76W, h402km, 16km, mb4.0/21, mb1 4.1/23, mb1mx4.0/45, mbtm4.7/23, Error ellipse: s-maj=15.4km s-min=9.8km az=150.0

ISC 19 03:18:22.8±0.4, 19.85S:0.077:77.4W:0.06, h400km, n178, ±1954/196, mb4.4/86, 9C-12, Fiji Islands region

Table listing station data for ISC, NEIC, and IDC events, including station names like AFI, AFJ, AFM, etc., and their coordinates and parameters.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like ASAK Asacha, KIL Karymskiy, SPN Mays Shpiunski, etc.

UCR 19 04:10:22.3±1.1, 12.41°N-87.64°W, h70km±12km, MD3.6, ML2.5, Near coast of Nicaragua

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like CRIN San Cristobal, CRIN Conchagua, CNCH Cerro Negro, etc.

MEX 19 04:13:24.0±0.5, 14.75°N-93.44°W, h26km±15km, MD3.7, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like PCIG Comitan, CCIG Comitán, TGIG Ixpaco, etc.

ISCJB 19 04:20:19.7±0.9, 35.48°N-0.05°E, 141.20°E, 0.09, h33km, mb3.5/4, MS2.7/1, Error ellipse: s-maj=10.3km

JMA 19 04:20:22.7±0.1, 35.52°N-140.90°E, h38km±1km, M2.9

IDC 19 04:20:25.2±2.8, 35.42°N-140.60°E, h66km±26km, mb3.1/4, mb1 3.2/6, mb1mx3.0/6, mbmtmp3.6/6, ML3.0/2, MS2.7/3, Ms1 2.7/3, ms1mx2.4/4, Error ellipse: s-maj=38.2km

s-min=15.2km az=80.0

ISC 19 04:20:21.3±1.1, 35.47°N-0.05°E, 141.1°E, 0.1, h33km, n20, r128/16, mb3.5/4, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like CHOU Chosi, BS04 Boso 4, BS03 Boso 3, etc.

IDC 19 04:39:41.4±2.9, 21.28°S-179.30°W, h619km±32km, mb3.1/8, mb1 3.3/8, mb1mx2.9/49, mbmtmp4.0/8, Error ellipse: s-maj=25.4km s-min=20.7km az=3.0

ISC 19 04:39:39.6±0.7, 21.24°S-179.4W, 0.1, h604km, n15, r156/20, mb3.8/8, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like URZ Urewera, CTA Charters Tower, ASAR Alice Springs, etc.

IDC 19 04:44:31.2±1.3, 0.81°N-29.46°W, h0km, mb3.3/2, mb1 3.7/3, mb1mx3.6/4, mbmtmp3.6/3, ML3.9/1, MS3.3/5, Ms1 3.3/5, ms1mx2.9/20, Error ellipse: s-maj=56.4km

s-min=33.3km az=146.0, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like RCBR Riachuelo, H10N3 ASCENSION HYDR121 220 T, etc.

ISCJBJ 19 04:47:21.6±0.9, 36.10°N-0.07°E, 140.08°E, 0.09, h79km, 6km, mb3.5/2, Error ellipse: s-maj=14.2km s-min=9.3km

IDC 19 04:47:22.7±4.4, 36.08°N-140.13°E, h77km±30km, mb3.1/2, mb1 3.4/3, mb1mx2.9/70, mbmtmp3.5/3, Error ellipse: s-maj=54.9km s-min=10.6km az=60.0

JMA 19 04:47:23.5±0.1, 36.13°N-140.03°E, h68km±1km, M2.9

ISC 19 04:47:22.5±1.2, 36.13°N-140.06°E, 0.08, h74km, 9km, n9, r108/15, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like JYT Yasato, JAG Ashikaga, JKT Katsushina, etc.

ISK 19 04:47:40.9, 38.75°N-43.15°E, h8km, ML2.7/6

CSEM 19 04:47:41.7±0.2, 38.78°N-43.18°E, h5km, ML2.7, Error ellipse: s-maj=5.0km s-min=3.5km az=115.0

DDA 19 04:47:41.5, 38.77°N-43.17°E, h7km, M1.0

ISCJB 19 04:47:42.2±0.4, 38.79°N-0.02°E, 140.0°E, 0.04, h10km, 4km, Error ellipse: s-maj=5.7km s-min=3.4km az=8.8

ISC 19 04:47:41.6±0.9, 38.77°N-0.02°E, 140.0°E, 0.03, h18km, 9km, n31, r069/55, Turkey

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like VANB Van, ERV ERV, ERV ERV, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like AGRB Guroymak-BITLI, GURO Guroymak-BITLI, SRTM Siirt_Merkez, etc.

MEX 19 04:50:28.1±0.5, 15.56°N-96.47°W, h3km, MD3.7, Near coast of Oaxaca

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like PANG Puerto Angel, HUIG Huatulco, VHO Vista Hermosa, etc.

IDC 19 04:51:05.5±3.4, 15.01°N-92.41°W, h0km, mb3.5/3, mb1 3.8/5, mb1mx3.4/53, mbmtmp3.4/5, ML3.3/2, Error ellipse: s-maj=134.7km s-min=31.0km az=42.0, Mexico-Guatemala border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like CMIG Matias Romero, JTS JuntasAbangare, TXAR Lajitas Array, etc.

MAN 19 05:12:54.17±16N-120.04E, h17km, mb4.3, ML1.1, MS2.9, Luzon

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like BOLP Bolinao, ABRA Dolores, APRA Conner, etc.

IDC 19 05:23:01.7±1.0, 43.61°N-76.72°E, h0km, mb3.5/3, mb1 3.9/8, mb1mx3.5/77, mbmtmp3.9/8, ML3.6/5, Error ellipse: s-maj=16.9km s-min=1.0km az=140.0

ISCJB 19 05:23:02.4±0.3, 43.68°N-0.01°E, 76.72°E, 0.02, h3km, 2km, mb3.6/4, Error ellipse: s-maj=2.7km s-min=2.0km az=145.4

NNC 19 05:23:02.3±0.3, 43.68°N-76.75°E, h0km, mb4.2, mpv3.8, Error ellipse: s-maj=3.8km s-min=1.7km az=59.0

KNET 19 05:23:02.0±0.4, 43.67°N-76.70°E, h16km, mb4.2

SOME 19 05:23:02.8, 43.67°N-76.73°E, h5km, MS2.9

IASPEI 19 05:23:02.4±0.9, 43.66°N-0.02°E, 76.72°E, 0.02, h11km, 6km, mb3.7/4, Error ellipse: s-maj=3.4km s-min=2.7km az=147.4, GTS selection from ISC bulletin GTS identified by Bond jr and McLaughlin (2009) selection criteria

MOS 19 05:23:03.0±1.8, 43.78°N-76.57°E, h10km, mb4.1/5, Error ellipse: s-maj=9.9km s-min=7.5km az=83.0

KNET 19 05:23:05.5±0.5, 43.55°N-76.55°E, h13km, 3km, ml3.9, Error ellipse: s-maj=3.6km s-min=1.9km az=58.0

ISC 19 05:23:02.9±0.7, 43.66°N-0.02°E, 76.71°E, 0.01, h8km, 4km, n102, r146/177, mb3.7/4, 58C-23D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like KTBS Kurat, CHKK Chushkaly, CHKK Chushkaly, etc.

19d 5h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like CMAR Chiang Mai Arr, CMAR Chiakaw, CMAR NAKONAYOK, etc.

2012 FEB

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KBK Karagaybulak, USP Ospeznovka, FRU Bishkek, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ASAR comp=Z,0.8nm,1.1s, etc.

19d 5h

D36A	Goodland	83.58	34	P	P	06 07 17.4	-0.1
C37A	Embarrass	83.59	33	P	P	06 07 17.4	-0.2
GROS	Grobnik	83.59	32	eP	P	06 07 17.4	-0.3
PERS	Pernice	83.63	32	eP	P	06 07 17.8	-0.1
SOKA	Soboth	83.64	32	eP	P	06 07 17.9	0.0
F34A	Alexandria	83.66	36	P	P	06 07 18.2	+0.2
EYMN	Ely	83.72	32	P	P	06 07 18.4	+0.2
EYMN	Ely	83.72	32	eP	P	06 07 18.8	+0.5
OGNE	Ogallala	83.72	43	P	P	06 07 18.3	-0.2
H3A	Prehn Over Nor	83.78	37	P	P	06 07 19.0	+0.4
VAY	Valandovo	83.80	31	iP	P	06 07 18.9	+0.2
G34A	Benson	83.89	36	P	P	06 07 19.6	+0.4
D37A	Cotton	83.92	33	P	P	06 07 19.1	-0.2
F35A	Swanville	83.93	35	P	P	06 07 19.2	-0.2
SKO	Skopje	83.94	31	iP	P	06 07 20.1	+0.6
SDCO	Great Sand Dun	83.96	47	P	P	06 07 20.2	+0.1
SDCO	Great Sand Dun	83.96	47	eP	P	06 07 21.4	+1.4
OBKA	Obir	83.98	32	eP	P	06 07 19.2	-0.5
C38A	Sawbill Land	83.99	32	P	P	06 07 20.0	+0.3
E36A	McGregor	84.04	34	P	P	06 07 19.7	-0.2
THE	Thessaloniki	84.07	31	P	P	06 07 20.3	+0.2
KBA	Koelnbreinsper	84.09	32	P	P	06 07 21.9	+1.5
FUR	Furstenfeldbru	84.13	32	P	P	06 07 21.4	+1.0
GRG	Griva	84.15	31	P	P	06 07 20.7	+0.1
I33A	Coleman	84.21	38	P	P	06 07 20.7	-0.2
H34A	Spellman Lake	84.25	37	P	P	06 07 21.4	+0.4
K31A	O'Neill	84.27	40	P	P	06 07 21.6	+0.4
TUC	Tucson	84.27	54	P	P	06 07 22.1	+0.6
TUC	Tucson	84.27	54	eP	P	06 07 22.9	+1.4
MYKA	Terra Mystica	84.30	32	eP	P	06 07 20.6	-0.8
C39A	Grand Marais	84.40	32	P	P	06 07 22.0	+0.3
F36A	Milaca	84.41	35	P	P	06 07 21.6	-0.2
G35A	Watkins	84.45	36	P	P	06 07 22.2	+0.2
KRUS	Krusevo	84.47	31	iP	P	06 07 22.2	-0.1
STU	Stuttgart	84.50	33	eP	P	06 07 22.2	0.0
ECSD	EROS Data Cent	84.53	38	P	P	06 07 22.7	+0.2
ECSD	EROS Data Cent	84.53	38	eP	P	06 07 22.8	+0.2
JAVS	Javornik	84.67	32	eP	P	06 07 22.1	-1.1
GIA	Gila	84.68	31	iP	P	06 07 22.9	+0.4
H35A	Sunnyside Ranc	84.68	36	P	P	06 07 23.0	-0.2
PMOR	Pomarioiro Ree	84.69	11	eT	T	07 40 27.9	
ABTA	Abfallersbach	84.71	32	eP	P	06 07 22.6	-0.8
E38A	The Farm, Brul	84.73	33	P	P	06 07 23.2	-0.2
K3C0	Kaye Shedlock	84.74	44	P	P	06 07 24.0	+0.2
K3C0	Kaye Shedlock	84.74	44	eP	P	06 07 24.5	+0.7
PDG	Podgorica	84.75	32	iP	P	06 07 23.1	-0.4
G36A	St. Michael	84.78	35	P	P	06 07 24.2	+0.5
FNA	Florina	84.82	31	P	P	06 07 24.1	+0.1
MOTA	Moosalm	84.85	32	eP	P	06 07 24.5	+0.4
RETA	Reutte	84.89	32	eP	P	06 07 24.3	0.0
OHR	Ohrid	84.89	31	iP	P	06 07 23.5	-0.9
F37A	Hinrichs Farm	84.92	34	P	P	06 07 24.7	+0.3
T25A	Trinidad	85.01	47	P	P	06 07 25.5	+0.3
F38A	Pierce - Schro	85.08	34	P	P	06 07 25.5	+0.4
PPT	Papeete	85.12	11	LR	LR	06 36 17.4	
HCY	Herceg Novi	85.12	32	P	P	06 07 25.9	+0.5
PP2T	Papeete	85.13	11	eLR	LR	06 03 41.5	
PP2T	Papeete	85.13	11	eT	T	07 41 03.2	
K33A	Hardington	85.17	39	P	P	06 07 26.2	+0.5
PAE	Paea	85.17	11	eT	T	07 41 07.6	
H36A	Jessenland, He	85.20	36	P	P	06 07 26.1	+0.3
BFO	Black Forest	85.20	33	P	P	06 07 25.8	0.0
BFO	Black Forest	85.20	33	eP	P	06 07 24.9	-0.9
LAZ	Ladron	85.21	50	eP	P	06 07 28.3	+2.0
SPMN	Marine on St.	85.23	35	P	P	06 07 26.1	+0.2
SPMN	Marine on St.	85.23	35	eP	P	06 07 26.4	+0.5
I35A	Creekview Farm	85.24	37	P	P	06 07 26.5	+0.5
FETA	Felchten	85.26	32	eP	P	06 07 25.8	-0.4
ANMO	Albuquerque	85.27	49	P	P	06 07 27.0	+0.4
ANMO	Albuquerque	85.27	49	iP	P	06 07 28.2	+1.6
ANMO	Albuquerque	85.27	49	eT	P	06 07 28.2	+1.6
ANMO	Albuquerque	85.27	49	eP	T	06 07 28.2	+1.6
TIAR	Tiarei	85.28	11	eT	T	07 41 13.0	
E39A	Meller	85.34	33	P	P	06 07 26.9	+0.4
DAVA	Damuels	85.41	32	eP	P	06 07 26.6	-0.3
BGNE	Belgrade	85.46	40	P	P	06 07 27.5	+0.3
BGNE	Belgrade	85.46	40	eP	P	06 07 27.5	+0.3
J35A	Milford	85.49	37	P	P	06 07 27.7	+0.4
F39A	Loretta	85.54	33	P	P	06 07 27.8	+0.3
K34A	Le Mars	85.56	38	P	P	06 07 27.9	+0.3
E40A	Wakfield	85.57	32	P	P	06 07 28.0	+0.3
I36A	Fitzsimmons Fa	85.58	36	P	P	06 07 28.0	+0.3
H37A	Dierke Farm, C	85.66	35	P	P	06 07 28.5	+0.4
BNM	Barren Site	85.69	50	eP	P	06 07 30.2	+1.4
G38A	Ridgeland	85.70	34	P	P	06 07 28.2	0.0
SCHO	Schefferville	85.77	15	P	P	06 07 28.6	+0.2
SCHO	Schefferville	85.77	15	eLR	LR	06 47 04.4	
DAVOX	Davos/Dismant	85.81	32	P	P	06 07 28.5	-0.5
DAVOX	Davos	85.83	40	LR	LR	06 49 12.5	
M33A	Taylor Creek F	85.83	40	P	P	06 07 29.3	+0.3
I37A	Lemond, Waseca	85.87	36	P	P	06 07 29.5	+0.4
H38A	Malden Creek	85.89	35	P	P	06 07 29.6	+0.4

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F40A	Park Falls	85.89	33	P	P	06 07 28.9	-0.3
G39A	Holcombe	85.92	34	P	P	06 07 29.2	-0.1
J36A	Seneca 1, Swea	85.94	37	P	P	06 07 29.9	+0.4
E41A	Kenyon	85.95	32	P	P	06 07 29.7	+0.2
K35A	Storm Lake	85.96	38	P	P	06 07 29.9	+0.2
STRD	Stroud	85.99	33	eP	IAMB	06 07 28.9	-0.6
STRD	Stroud	85.99	33	eP	IAMB	06 07 30.6	
MCH1	Michaelchurch	86.05	33	eP	IAMB	06 07 30.1	+0.3
MCH1	Michaelchurch	86.05	33	eP	IAMB	06 07 34.5	
121A	Cookes Peak, D	86.05	52	P	P	06 07 30.7	+0.2
SWN1	Swindon	86.11	33	eP	IAMB	06 07 30.6	+0.5
SWN1	Swindon	86.11	33	eP	IAMB	06 07 31.9	
COWI	Cowover	86.17	32	eP	P	06 07 31.2	+0.6
LPW	Lampeter	86.25	33	eP	P	06 07 31.1	+0.3
HGH	Gray Hill	86.30	38	eP	P	06 07 31.1	0.0
J37A	Redenius Farm,	86.36	36	P	P	06 07 31.9	+0.4
H39A	Augusta	86.33	34	P	P	06 07 31.7	+0.3
I38A	Scanlan Farm,	86.35	35	P	P	06 07 31.8	+0.3
G40A	Rib Lake	86.36	33	P	P	06 07 31.9	+0.3
K36A	Glimore City	86.41	37	P	P	06 07 32.1	+0.3
F41A	Three Lakes	86.47	32	P	P	06 07 32.3	+0.2
CBKS	Cedar Bluff	86.48	43	P	P	06 07 32.1	-0.2
CBKS	Cedar Bluff	86.48	43	eP	P	06 07 32.4	+0.1
CBKS	Cedar Bluff	86.48	43	eP	P	06 07 32.4	+0.1
M35A	Neola	86.67	39	P	P	06 07 33.5	+0.4
IDI	Anoyia	86.67	31	P	P	06 07 32.2	-1.2
IDI	Anoyia	86.67	31	P	LR	06 51 39.7	
K37A	Belmond	86.70	37	P	P	06 07 33.7	+0.4
N34A	Lincoln	86.72	40	P	P	06 07 33.5	+0.1
H40A	Chili	86.78	34	P	P	06 07 33.8	+0.2
J38A	Wedel Dairy, R	86.83	36	P	P	06 07 34.2	+0.2
G41A	Antelope	86.85	33	P	P	06 07 34.3	+0.4
I39A	Houston	86.86	35	P	P	06 07 34.3	+0.2
O34A	Beatrice	87.11	40	P	P	06 07 35.4	+0.1
H41A	Junction City	87.11	33	P	P	06 07 35.6	+0.4
M36A	Felix, Anita	87.12	38	P	P	06 07 35.7	+0.3
L37A	Phoenix Point,	87.13	37	P	P	06 07 35.8	+0.4
N35A	Tabor	87.14	39	P	P	06 07 35.9	+0.4
G42A	Mountain	87.15	32	P	P	06 07 35.8	+0.4
J39A	Decorah	87.18	35	P	P	06 07 35.8	+0.2
F43A	Flat Rock, Esc	87.21	31	P	P	06 07 36.0	+0.3
I40A	Norwalk	87.25	34	P	P	06 07 36.2	+0.3
F44A	Big Bay de Noc	87.41	31	P	P	06 07 37.0	+0.4
O35A	Humboldt	87.45	40	P	P	06 07 37.3	+0.3
I41A	Arkdale	87.45	34	P	P	06 07 37.3	+0.4
G43A	Wallace	87.45	32	P	P	06 07 37.2	+0.3
L38A	Oak Wood Farm,	87.50	37	P	P	06 07 37.5	+0.4
P34A	Walnut Farm, R	87.50	41	P	P	06 07 37.5	+0.3
N36A	Muff Farm, Cla	87.52	39	P	P	06 07 37.5	+0.2
M37A	Trine Farm	87.53	38	P	P	06 07 37.7	+0.4
SCIA	State Center	87.56	37	P	P	06 07 37.9	+0.4
SCIA	State Center	87.56	37	eP	P	06 07 38.8	+1.3
J40A	Soldiers Grove	87.58	35	P	P	06 07 37.7	+0.2
K39A	Oelwein	87.58	36	P	P	06 07 37.7	+0.1
E45A	Wooded Hills,	87.60	30	P	P	06 07 37.8	+0.3
AQU	L'Aquila	87.69	32	eP	P	06 07 38.1	0.0
AQU	L'Aquila	87.69	32	eP	P	06 07 38.0	0.0
H42A	Shiocton	87.69	33	P	P	06 07 38.4	+0.4
Q34A	Chapman	87.90	41	P	P	06 07 39.5	+0.4
J41A	Loganville	87.93	34	P	P	06 07 39.5	+0.3
K40A	Colesburg	87.94	35	P			

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Van Buren, Magazine, Junction City, etc.

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

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

IDC 19 06:27:50.0,2.3,54.30N,86.01E, h0km, mb1 3.3/2, mb1mx3.0/68, mbtmp3.3/2, ML3.1/2, Error ellipse: s-maj=17.0km s-min=10.3km az=53.0, Southwestern Siberia

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

ISCJB 19 06:41:02.5,0.8,35.37N,101.41E, h25km, mb3.6/1, Error ellipse: s-maj=10.1km

JMA 19 06:41:05.2,0.1,35.36N,141.17E, h34km, mb3.0/2, mb1 3.5/10, mb1mx2.3/70, mbtmp3.5/10, ML3.3/4, MS3.0/2, Ms1 3.0/2, ms1mx2.4/35, Error ellipse: s-maj=47.5km s-min=18.0km az=75.0

ISC 19 06:41:04.8,1.2,35.36N,101.41E, h25km, n24, s1507/20, mb3.7/6, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CHOJ, KTR, BSO1, etc.

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

ISCJB 19 07:32:01.1,1.0,18.2S,0.3,178.1W, h0.2, h557km, mb3.6/1, Error ellipse: s-maj=42.8km s-min=12.8km

IDC 19 07:32:04.9,3.0,18.39S,178.02W, h595km, mb3.4/1, mb1 3.5/11, mb1mx3.2/43, mbtmd4.1/11, Error ellipse: s-maj=38.2km s-min=13.1km az=150.0

ISC 19 07:32:01.2,1.0,18.4S,0.2,178.0W, h557km, n24, s095/26, mb3.7/11, Fiji Islands region

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

IDC 19 08:02:55.4,1.2,64S,140.56E, h0km, mb3.1/2, mb1 3.4/3, mb1mx3.2/49, mbtmd3.2/3, ML3.3/1, Error ellipse: s-maj=147.0km s-min=32.5km az=88.0, Near north coast of Irian Jaya

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

NEIC 19 08:07:24.0,0.0,39.38S,174.12E, h325km, ML5.0(WEL), After WEL

ISCJB 19 08:07:29.9,0.4,39.50S,174.15E, h272km, mb3.4/3, Error ellipse: s-maj=6.8km s-min=3.5km az=35.9

WEL 19 08:07:30.5,40.5S,17.4E, h275km, mb3.4/3, Error ellipse: s-maj=3.6km s-min=1.0km az=236.0

ISC 19 08:07:30.2,1.0,39.53S,174.23E, h0km, mb3.1/2, n238, s150/20, mb3.5/3, North Island

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Port Moresby, Warramunga Arr, Alice Springs, Fitzroy Crossi, etc.

19 08:52:28.9.5.2.49N.80.31W, h0km, mb3.3/3, mb1 3.6/3, mb1mx3.3/41, mbmp3.3/3, Error ellipse: s-maj=362.5km s-min=51.6km az=33.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Volcan Galeras, Rio Blanco, Cinco Dias, etc.

19 09:04:25.10.32N.123.24E, h1km, mb5.1, ML4.0, MS4.1, 3C-3D, Cebu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Jordan, Lapu-Lapu, Tagbilaran, Sibulan, Roxas, etc.

19 09:05:13.3.1.2.31.49S.0.04.69.08W.0.06, h101km, 11km, Error ellipse: s-maj=9.1km s-min=6.3km az=177.5

19 09:05:13.0.0.3.31.48S.69.50W, h14km, 11km, ML2.8, SJA 19 09:05:13.0.0.3.31.48S.69.50W, h94km, 3km, ML2.8, MW3.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Leoncito, Cerro Villicum, Cerro Valdivia, Salagata, etc.

19 09:08:43.0.9.4.13.66S.166.69E, h202km, 105km, mb3.3/4, mb1 3.3/5, mb1mx3.1/46, mbmp3.7/5, MS2.8/1, Ms1 2.8/1, ms1mx2.4/14, Error ellipse: s-maj=88.8km s-min=52.5km az=140.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mont Dzumac, Stephens Creek, Warramunga Arr, Alice Springs, etc.

19 09:13:34.6.47S.16.16E.6.13, h5km, ML3.7/5, ML3.7/7, Off west coast of South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Puysegur Point, The Paps, Wether Hill, etc.

Table with columns: WKZ, Wanaka, JCCZ, Jackson Bay, ODZ, Otahua Downs. Includes station details and time/res data.

19 09:13:36.4.0.7.19.29N.108.50W, h0km, mb4.3/16, mb1 4.5/20, mb1mx4.3/51, mbmp4.4/20, ML3.7/4, MS4.1/37, Ms4.1/37, ms1mx4.0/48, Error ellipse: s-maj=24.2km s-min=11.5km az=57.0

19 09:13:38.5.0.3.19.32N.108.41W, h20km, 1km, MW5.0/99, Moment Tensor Solution, s39.49; s99.146; Duration: 0. Moment tensor: Scale 10^19Nm; M-r-0.95: 13; Mw=2.77; 12; Ms=3.72; 13; Mo=0.55; 22; Mo=2.42; 10; Mo=0.59; 21; Best double couple: Mo.4.11900x1016 NP1: 29297.00000; 890.00000; 1.169.00000; NP2: 29297.00000; 879.00000; 1.0.00000; Principal axes: T 4.6210, Plg8.0000, Azm215.0000; N -1.0010, Plg7.0000; Azm116.0000; P -3.6170, Plg7.0000; Azm342.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

19 09:13:38.5.0.3.19.32N.108.37W, h10km, mb4.8/196, Error ellipse: s-maj=4.7km s-min=2.7km az=222.0

19 09:13:39.1.0.3.19.32N.103.108.27W.0.02, h22km, mb4.8/140, MS4.2/37, Error ellipse: s-maj=4.5km s-min=2.3km az=30.7

19 09:13:40.5.1.0.19.35N.108.34W, h33km, mb5.0/33, Error ellipse: s-maj=9.4km s-min=5.0km az=92.1

19 09:13:40.9.4.0.19.39N.106.108.27W.0.06, h22km, n714, 13/07/68.4, mb4.8/141, MS4.1/37, 4C, Revilla Gigeo Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SOCORRO T-PHAS 2.58 257, SOCORRO T-PHAS 2.62 259, etc.

19 09:13:41.0.3.19.32N.103.108.27W.0.02, h22km, mb4.8/140, MS4.2/37, Error ellipse: s-maj=4.5km s-min=2.3km az=30.7

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

19 09:13:41.0.3.19.32N.103.108.27W.0.02, h22km, mb4.8/140, MS4.2/37, Error ellipse: s-maj=4.5km s-min=2.3km az=30.7

19 09:13:41.0.3.19.32N.103.108.27W.0.02, h22km, mb4.8/140, MS4.2/37, Error ellipse: s-maj=4.5km s-min=2.3km az=30.7

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

19 09:13:41.0.3.19.32N.103.108.27W.0.02, h22km, mb4.8/140, MS4.2/37, Error ellipse: s-maj=4.5km s-min=2.3km az=30.7

19 09:13:41.0.3.19.32N.103.108.27W.0.02, h22km, mb4.8/140, MS4.2/37, Error ellipse: s-maj=4.5km s-min=2.3km az=30.7

19 09:13:41.0.3.19.32N.103.108.27W.0.02, h22km, mb4.8/140, MS4.2/37, Error ellipse: s-maj=4.5km s-min=2.3km az=30.7

19 09:13:41.0.3.19.32N.103.108.27W.0.02, h22km, mb4.8/140, MS4.2/37, Error ellipse: s-maj=4.5km s-min=2.3km az=30.7

19 09:13:41.0.3.19.32N.103.108.27W.0.02, h22km, mb4.8/140, MS4.2/37, Error ellipse: s-maj=4.5km s-min=2.3km az=30.7

19 09:13:41.0.3.19.32N.103.108.27W.0.02, h22km, mb4.8/140, MS4.2/37, Error ellipse: s-maj=4.5km s-min=2.3km az=30.7

19 09:13:41.0.3.19.32N.103.108.27W.0.02, h22km, mb4.8/140, MS4.2/37, Error ellipse: s-maj=4.5km s-min=2.3km az=30.7

19 09:13:41.0.3.19.32N.103.108.27W.0.02, h22km, mb4.8/140, MS4.2/37, Error ellipse: s-maj=4.5km s-min=2.3km az=30.7

19 09:13:41.0.3.19.32N.103.108.27W.0.02, h22km, mb4.8/140, MS4.2/37, Error ellipse: s-maj=4.5km s-min=2.3km az=30.7

19 09:13:41.0.3.19.32N.103.108.27W.0.02, h22km, mb4.8/140, MS4.2/37, Error ellipse: s-maj=4.5km s-min=2.3km az=30.7

19 09:13:41.0.3.19.32N.103.108.27W.0.02, h22km, mb4.8/140, MS4.2/37, Error ellipse: s-maj=4.5km s-min=2.3km az=30.7

19 09:13:41.0.3.19.32N.103.108.27W.0.02, h22km, mb4.8/140, MS4.2/37, Error ellipse: s-maj=4.5km s-min=2.3km az=30.7

19 09:13:41.0.3.19.32N.103.108.27W.0.02, h22km, mb4.8/140, MS4.2/37, Error ellipse: s-maj=4.5km s-min=2.3km az=30.7

19 09:13:41.0.3.19.32N.103.108.27W.0.02, h22km, mb4.8/140, MS4.2/37, Error ellipse: s-maj=4.5km s-min=2.3km az=30.7

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Belle Mtn, Murrieta, Wupatki, Amarillo, Granite Mount, etc.

19d 9h

RCTC	Reactor, Farmer	19.42	332	P	Pn	09 18 06.7	-0.2
444A	Pine Grove	19.45	51	P	P	09 18 06.5	+0.5
TCRU	Three Creeks R	19.50	350	eP		09 18 08.0	+2.6
Z41A	Richard Creek	19.54	42	P	Pn	09 18 07.8	-0.6
X39A	Fountain Ranch	19.62	37	P	Pn	09 18 08.8	-0.6
Q16A	Castle Valley	19.62	353	eP	P	09 18 08.6	+0.5
WLAR	White Oak Lake	19.63	40	eP	P	09 18 09.1	-0.4
TIN	Tinemaha, Big	19.64	336	P	Pn	09 18 09.2	-0.6
PSUT	Pine Spring	19.69	347	eP	P	09 18 09.5	+0.6
Q24A	Divide	19.70	7	P	Pn	09 18 09.9	-0.6
Q24A	Divide	19.70	7	eP	Pn	09 18 10.6	0.0
SRU	San Rafael Swe	19.75	355	eP	Pmax	09 18 10.3	-0.8
SRU	San Rafael Swe	19.75	355	eP	Pn	09 18 10.3	-0.8
Y40A	Okolona	19.75	39	P	Pn	09 18 10.2	-0.7
SMCO	Snowmass	19.75	3	eP	Pn	09 18 11.6	+0.2
445A	Amite	19.76	52	P	Pn	09 18 10.1	-0.9
TUL1	Leonard	19.80	31	P	P	09 18 10.5	+0.7
TUL1	Leonard	19.80	31	eP	P	09 18 10.2	+0.4
W38A	Poteau	19.81	35	P	Pn	09 18 10.8	-0.8
344A	Westbrook Farm	19.85	49	P	P	09 18 11.0	+0.6
R11A	Troy Canyon, C	19.94	343	P	P	09 18 12.3	+0.8
R11A	Troy Canyon, C	19.94	343	eP	P	09 18 12.3	+0.8
MIAR	Mount Ida	19.95	38	P	P	09 18 12.0	+0.4
MIAR	Mount Ida	19.95	38	eP	Pmax	09 18 11.9	+0.4
MIAR	Mount Ida	19.95	38	eP	Pmax	09 18 11.9	+0.4
TMUT	Trail Mountain	20.00	353	eP	Pn	09 18 13.9	-0.3
Y41A	Eaglette Beard	20.07	41	P	P	09 18 13.4	+0.6
T34A	McClaskey Farm	20.07	27	P	Pn	09 18 13.7	-1.0
Z42A	Norrel Spur, H	20.10	43	P	P	09 18 13.7	+0.6
143A	Socs Landing,	20.10	45	P	P	09 18 13.9	+0.7
P17A	Butcher Ranch,	20.13	354	eP	Pn	09 18 14.9	-0.6
KSCO	Kaye Shedlock	20.16	13	P	P	09 18 14.7	+0.8
KSCO	Kaye Shedlock	20.16	13	eP	Pn	09 18 15.4	-0.4
244A	Avery, Jackson	20.21	48	P	P	09 18 14.9	+0.6
P18A	Preston Nutter	20.25	356	eP	Pn	09 18 16.3	-0.7
T35A	Sooner Cattle	20.28	28	P	P	09 18 15.9	+0.8
345A	Thompson Farm,	20.28	51	P	P	09 18 15.7	+0.5
W39A	Magazine	20.30	36	P	P	09 18 16.1	+0.8
X40A	Basin Creek Fa	20.35	39	P	P	09 18 16.3	+0.5
MLAC	Mammoth, Mammo	20.38	335	P	Pn	09 18 17.6	-1.0
VBMS	Vicksburg	20.43	48	P	P	09 18 17.4	+0.7
VBMS	Vicksburg	20.43	48	eP	Pn	09 18 18.4	-0.5
USCO	Idaho Springs	20.47	6	P	P	09 18 18.1	+0.6
ISCO	Idaho Springs	20.47	6	eP	Pmax	09 18 19.4	-0.3
ISCO	Idaho Springs	20.47	6	eP	Pn	09 18 19.4	-0.3
MDPB	Devils Postpile	20.48	335	eP	Pn	09 18 18.6	-1.1
446A	Poplarville	20.52	53	P	P	09 18 18.2	+0.5
U37A	Salina	20.52	32	P	P	09 18 18.1	+0.4
X41A	Kaden, Bauxite	20.55	40	P	P	09 18 18.4	+0.5
O20A	White River Cl	20.68	0	P	P	09 18 20.4	+0.8
O20A	White River Cl	20.68	0	eP	P	09 18 21.1	-0.9
S34A	Willow Spring	20.68	26	P	P	09 18 20.1	+0.6
T36A	Boogs Farm, Ca	20.68	29	P	P	09 18 20.0	+0.6
W40A	Ferguson Farm,	20.70	37	P	P	09 18 20.4	+0.7
W40A	Ferguson Farm,	20.70	37	eP	Pn	09 18 20.9	-1.2
CBKS	Cedar Bluff	20.73	19	P	P	09 18 20.6	+0.6
CBKS	Cedar Bluff	20.73	19	eP	Pmax	09 18 20.8	+0.8
CBKS	Cedar Bluff	20.73	19	eP	P	09 18 20.8	+0.8
144A	Alexander Plac	20.73	47	P	P	09 18 21.0	+1.1
NLU	North Lily Min	20.76	352	eP	P	09 18 21.6	+1.1
MPU	Maple Canyon	20.76	353	eP	Pn	09 18 22.1	-0.9
245A	Little AP, Sta	20.76	49	P	P	09 18 20.8	+0.5
TGHW	Teeguigalpa, Un	20.79	102	eP	Pn	09 18 22.9	-0.4
NV11	Mina Array Sit	20.83	338	eP	P	09 18 21.8	+0.6
UALR	University of	20.84	39	P	P	09 18 21.9	+0.7
V39A	Pettigrew	20.85	35	P	P	09 18 21.9	+0.5
NV01	Mina Array Sit	20.88	337	eP	P	09 18 22.2	+0.4
NVAR	Mina Array Bea	20.88	337	eP	P	09 18 21.9	+0.1
NVAR	Mina Array Bea	20.88	337	eP	Pmax	09 18 21.9	+0.1
U38A	Gravette	20.92	33	P	P	09 18 22.4	+0.4
S35A	Otter Creek	21.00	27	P	P	09 18 23.7	+0.8
HHAR	Hobbs	21.03	34	eP	P	09 18 23.3	+0.1
145A	Houston Ranch	21.06	48	P	P	09 18 24.2	+0.7
Z44A	Pea Ridge, Bel	21.10	45	P	P	09 18 24.7	+0.8
DUG	Dugway, Toeole	21.10	350	P	P	09 18 25.2	+1.1
DUG	Dugway, Toeole	21.10	350	eP	P	09 18 25.3	+1.1
DUG	Dugway, Toeole	21.10	350	eP	Pmax	09 18 25.3	+1.1
DUG	Dugway, Toeole	21.10	350	eP	Pmax	09 18 25.3	+1.1
X301	Greenbrier Sit	21.13	38	eP	P	09 18 24.8	+0.6
X42A	Stuttgart	21.13	41	P	P	09 18 25.1	+0.8
R34A	Isabella, Hill	21.14	25	P	P	09 18 25.2	+0.8
W41B	Gary Mavity, V	21.17	39	P	P	09 18 25.6	+0.9
T37A	Cheneyville R	21.19	31	P	P	09 18 25.3	+0.4

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WHAR	Wooly Hollow	21.23	38	eP	P	09 18 26.0	+0.7
V40A	Witts Springs	21.28	37	P	P	09 18 26.0	+0.1
246A	Jackson Lee, B	21.31	50	P	P	09 18 26.5	+0.3
U39A	Green Forest	21.35	34	P	P	09 18 26.7	0.0
S36A	Lake Cedric, C	21.36	29	P	P	09 18 27.1	+0.4
KVN	Kaiserville	21.36	339	eP	Pmax	09 18 27.8	+0.8
KVN	Kaiserville	21.36	339	eP	P	09 18 27.8	+0.8
CMB	Columbia Colle	21.37	333	eP	Pmax	09 18 26.2	-0.7
CMB	Columbia Colle	21.37	333	eP	P	09 18 26.2	-0.7
WAKR	Walker	21.38	335	eP	P	09 18 28.4	+1.3
T38A	Diamond	21.43	32	P	P	09 18 27.7	+0.3
CTU	Camp Tracy	21.44	353	eP	P	09 18 29.2	+1.3
RDG13	Powdy Ridge	21.49	330	eP	P	09 18 28.6	+0.4
N23A	Red Feather La	21.53	5	P	P	09 18 29.5	+0.7
N23A	Red Feather La	21.53	5	eP	P	09 18 30.2	+1.4
X43A	Marvell	21.57	42	P	P	09 18 29.7	+0.7
R35A	Emporia Munic	21.59	27	P	P	09 18 30.1	+0.9
V41A	Mountainview	21.65	38	P	P	09 18 30.3	+0.4
Z45A	Winona	21.66	46	P	P	09 18 30.5	+0.6
Y44A	Strider, Charl	21.66	44	P	P	09 18 30.6	+0.7
U40A	Yellville	21.67	36	P	P	09 18 30.3	+0.2
146A	Union C	21.69	49	P	P	09 18 30.7	+0.4
247A	Quitman	21.70	51	P	P	09 18 30.9	+0.4
YERR	Yerinton	21.72	336	eP	P	09 18 31.5	+0.7
S37A	Fort Scott	21.74	30	P	P	09 18 31.4	+0.6
Q34A	Chapman	21.80	24	P	P	09 18 32.1	+0.6
BGU	Big Grassy Mou	21.85	350	eP	P	09 18 32.9	+0.7
T39A	Cleaver	21.88	34	P	P	09 18 32.8	+0.5
R36A	Gordon, Harris	21.89	28	P	P	09 18 33.0	+0.6
PNTR	Pine Nut	21.94	336	eP	P	09 18 33.9	+0.6
PHWY	Pine Hill	21.98	6	eP	P	09 18 34.6	+1.0
Y45A	Yeager Farm, C	22.05	45	P	P	09 18 34.7	+0.6
Z46A	Louisville	22.07	48	P	P	09 18 35.1	+0.7
S38A	Stockton	22.08	32	P	P	09 18 34.7	+0.3
KSU1	Kansas State U	22.09	25	P	P	09 18 35.2	+0.7
KSU1	Kansas State U	22.09	25	eP	P	09 18 35.4	+0.8
Q35A	Mercer Eighty,	22.11	26	P	P	09 18 35.4	+0.6
V42A	Cord	22.11	39	P	P	09 18 35.5	+0.7
SPUT	South Promonto	22.14	352	eP	P	09 18 35.9	+0.6
OGNE	Ogalla	22.14	13	P	P	09 18 36.0	+0.8
OGNE	Ogalla	22.14	13	eP	P	09 18 36.1	+0.9
VCNR	Virginia City	22.14	336	eP	P	09 18 36.3	+1.0
U41A	Viola	22.18	37	P	P	09 18 35.9	+0.4
R37A	Teagarden Farm	22.19	29	P	P	09 18 36.2	+0.6
RWWY	Rawlins	22.25	2	eP	P	09 18 37.1	+0.6
147A	Livingston	22.27	50	P	P	09 18 37.0	+0.5
HWUT	Hardware Ranch	22.33	353	eP	P	09 18 38.2	+0.9
248A	Dixon Mills	22.36	51	P	P	09 18 38.0	+0.5
AFDM	Forest Hills D	22.38	333	eP	P	09 18 38.3	+0.6
HBAR	Harrisburg	22.39	40	eP	P	09 18 38.9	+1.2
P34A	Wauwatosa	22.39	24	P	P	09 18 38.5	+0.7
PAHR	Pah Rah Range	22.40	337	eP	P	09 18 39.0	+0.9
S39A	Bolivar	22.42	32	P	P	09 18 38.3	+0.2
T40A	Mansfield	22.43	35	P	P	09 18 38.2	-0.1
Q36A	Arnold C. Orve	22.44	27	P	P	09 18 39.1	+0.7
X45A	UM Field Stati	22.48	44	P	P	09 18 39.3	+0.6
R38A	Fenwick Farm,	22.52	31	P	P	09 18 39.9	+0.7
Y46A	Horton	22.52	46	P	P	09 18 39.6	+0.4
O33A	Hebron	22.58	22	P	P	09 18 40.8	+1.0
U42A	Reverend	22.58	38	P	P	09 18 39.4	-0.4
R42A	Jonesboro	22.61	40	P	P	09 18 40.9	+0.8
HVU	Hansel Valley	22.65	351	eP	Pmax	09 18 42.1	+1.4
HVU	Hansel Valley	22.65	351	eP	P	09 18 42.1	+1.4
P35A	Duane Minner,	22.69	25	P	P	09 18 41.8	+0.8
Z47A	Carrollton	22.69	49	P	P	09 18 41.5	+0.5
148A	Greensboro	22.76	50	P	P	09 18 42.0	+0.3
249A	Camden	22.76	52	P	P	09 18 42.2	+0.4

Table of station data for the 19d 10z period, including station names, coordinates, and various parameters like elevation and frequency.

Main table of station data for the 2012 FEB period, listing station names, coordinates, and operational details.

Table of station data for the 1054 period, including station names, coordinates, and operational details.

mb1 3.9/2, mb1mx3.2/58, mbtmp3.6/2, MS3.1/3, Ms1 3.2/3, ms1mx2.7/55, Error ellipse: s-maj=91.1km s-min=50.7km, az=51.0, Indian Ocean Triple Junction

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Chiang Mai Arr, Alice Springs, Anoyai, Malin Arr, Yellowknife Ar, etc.

IDC 19 11:09:45.8-1.1, 11.88N; 125.75E, h0km, mb3.8/10, mb1 4.0/10, mb1mx3.6/58, mbtmp3.8/10, MS2.9/2, Ms1 2.9/2, ms1mx2.4/51, Error ellipse: s-maj=63.7km s-min=16.4km az=67.0

MAN 19 11:09:49, 12.03N; 125.78E, h11km, mb4.7, ML3.6, MS3.5, ISC 19 11:09:45.8-2.1, 12.01N; 125.84E; 0.08, h1km, 12km, n12, c030/26, mb3.9/10, 2C, D, Samar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Borongan, Palo, Cataman, Ormoc, Maasin, Virac, Lapu-Lapu, Roxas, Jordan, Conner, Guam, etc.

IDC 19 11:18:15.2-1.8, 8.14S; 128.32E, h0km, mb3.6/2, mb1 4.0/6, mb1mx3.5/55, mbtmp3.8/6, ML3.9/4, Error ellipse: s-maj=46.1km s-min=27.0km az=63.0

ISCJB 19 11:18:20.4-0.6, 8.51S; 128.38E; 0.05, h33km, mb3.4/2, Error ellipse: s-maj=8.7km s-min=5.5km az=138.3

DJA 19 11:18:24.2-9.8, 8.54S; 128.8E, h39km, mb3.5km, M4.4/10, mb4.9/2, mb4.5/7, MLV4.4/10, MW(mb)2/22, ISC 19 11:18:22.0-0.8, 8.50S; 128.36E; 0.05, h35km, n17, c25/42, Timor Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Saui, Soe, BNDI, AAI, BATI, WRA, WRA, ASAR, STKA, MKAR, etc.

JMA 19 11:21:27.5-0.1, 35.25N; 129.82E, h24km, 2km, M3.4, ISCJB 19 11:21:29.2-0.7, 35.15N; 129.90E; 0.05, h24km, 10km, Error ellipse: s-maj=8.1km s-min=5.9km az=142.0

KMA 19 11:21:29.1-1.0, 35.13N; 129.87E, h19km, 7km, Error ellipse: s-maj=7.8km s-min=2.9km az=151.0, ISC 19 11:21:28.3-1.2, 35.12N; 129.87E; 0.04, h17km, 11km, n12, c0541/17, 5C-2D, South Korea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Busan, Tsubuma, Ulsan, Daejeon, Masan, Yeongcheon, Tongyeong, Toyota, Iki, Ulsan, Tohyora, ShimaneMisato, etc.

MAN 19 12:12:13, 9.95N; 123.22E, h29km, mb4.2, ML3.0, MS2.6, 2C, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Sibulan, Lapu-Lapu, Jordan, Maasin, Roxas, etc.

IDC 19 12:18:42.9-0.9, 19.53N; 66.36W, h0km, mb3.6/8, mb1 3.8/8, mb1mx3.6/53, mbtmp3.6/8, MS3.0/2, ms1mx2.4/38, Error ellipse: s-maj=30.3km s-min=15.7km az=60.0

ISCJB 19 12:18:43.9-0.5, 19.50N; 66.36W; 0.04, h19km, mb3.6/8, MS2.8/2, Error ellipse: s-maj=5.8km s-min=4.7km az=176.7

RSPP 19 12:18:46.7-0.1, 19.52N; 66.38W, h42km, 7km, MD3.4/9, NEIC 19 12:18:46.7-0.1, 19.52N; 66.38W, h42km, MD3.4/9 (RSPP), After RSPP

ISC 19 12:18:45.7-0.7, 19.45N; 0.04-66.37W; 0.04, h19km, n42, c097/52, mb3.6/8, 20C-4D, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Esperanza, Arecibo, Agupia, Canovas, San Juan, etc.

ISCJB 19 12:19:23.0-0.2, 40.02S; 0.01-175.00E; 0.03, h110km, 2km, mb4.1/7, Error ellipse: s-maj=3.8km s-min=2.1km az=25.3

NEIC 19 12:19:25.0-0.0, 39.98S; 175.04E, h104km, mb4.3/7, ML4.9(WEL), After WEL

IDC 19 12:19:25.0-0.9, 40.03S; 175.32E, h101km, 6km, mb3.2/7, mb1 3.8/4, mb1mx3.5/40, mbtmp3.6/4, MS2.7/1, Ms1 2.7/1, ms1mx2.4/21, Error ellipse: s-maj=25.5km s-min=8.9km az=138.0

WEL 19 12:19:26.1-4.0, S2.2; 175.5E, h92km, 2km, ISC 19 12:19:25.0-0.6, 40.01S; 0.03-175.00E; 0.03, h103km, 4km, n266, c1933/310, mb4.3/7, 1C, Cook Strait

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DVHZ, NGZ, HOWZ, BHHZ, OTVZ, TWVZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DREZ, KRVZ, NMEZ, MHEZ, CAW, WPHZ, KRWZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Hitachi, Iwakimizuishiy, Shioa, Yasato, Kawachi, Otama, Ashikaga, Yanaizu, Matsuhiro Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Borovoye, Warramunga Arr, Yellowknife Arr, Kislodvok, Malin Array Be, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Ala-Archa, Kurchatov Arr, Zalesovo Beam, etc.

19d 14h

Table with columns: AVH, SMAR, SDLR, GNL, Avacha, Somma, Sedovina, Ganaly, Time, Res, ISC

ISCJB 19 14:01:00.4, 0.3, 42.05N, 0.05, 135.44E, 0.04, h368km, mb3.4/23, Error ellipse: s-maj=7.4km s-min=4.5km

IDC 19 14:01:03.8, 1.0, 42.13N, 135.38E, h393km, 8km, mb3.1/24, mb1.3/28, mb1mx3.2/71, mbtmp3.9/28, Error ellipse: s-maj=12.1km s-min=10.1km az=141.0

ISC 19 14:01:01.0, 1.0, 5.42010N, 0.07, 135.66E, 0.05, h368km, n51, s166/57, mb3.6/23, Sea of Japan

Main table for 19d 14h, listing station names, codes, times, and residuals for various seismic events.

DJA 19 14:21:52.7, 0.4, 4.2S, 131.0E, h13km, 3km, M4.7/13, Error ellipse: s-maj=28.5km s-min=11.0km az=31.2

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mb5.1/2, mb5.2/4, MLv4.1/13, Mw(m)B4.5/2, ISCJB 19 14:21:53.3, 0.2, 4.22S, 0.03, 129.73E, 0.03, h36km, mb4.2/15, MS3.1/4, Error ellipse: s-maj=4.0km s-min=3.5km az=44.8

NEIC 19 14:21:56.7, 0.6, 4.20S, 129.80E, h51km, 7km, mb4.3/12, Error ellipse: s-maj=7.0km s-min=5.2km az=49.0

IDC 19 14:21:56.4, 2.3, 4.20S, 129.78E, h45km, 23km, mb3.9/11, mb1.4/15, mb1mx3.9/53, mbtmp4.2/15, ML3.9/2, MS3.1/9, Ms1.3/19, mb1mx2.8/53, Error ellipse: s-maj=25.2km s-min=13.2km az=71.0

ISC 19 14:21:54.8, 0.4, 4.26S, 0.04, 129.72E, 0.04, h36km, n72, s284/43, mb4.2/15, MS3.2/4, 1C, Banda Sea

Main table for 2012 FEB, listing station names, codes, times, and residuals for various seismic events.

ISCJB 19 14:27:21.6, 1.1, 6.6S, 0.1, 149.6E, 0.2, h49km, mb3.7/7, Error ellipse: s-maj=28.5km s-min=11.0km az=31.2

1058

IDC 19 14:27:23.0, 2.7, 6.58S, 149.72E, h49km, 20km, mb3.6/7, mb1.3/9, mb1mx3.6/45, mbtmp4.0/9, ML4.4/1, Error ellipse: s-maj=33.9km s-min=15.3km az=112.0

ISC 19 14:27:23.1, 3.6, 6.5S, 0.1, 149.6E, 0.2, h49km, n10, s196/13, mb3.7/7, New Britain region

Table for 1058, listing station names, codes, times, and residuals for various seismic events.

SKHL 19 14:33:15.7, 1.0, 43.06N, 146.17E, h17km, mb4.0/2, JMA 19 14:33:15.5, 0.2, 43.06N, 146.73E, h40km, 2km, M2.5

ISC 19 14:33:14.6, 3.0, 4.23N, 0.01, 146.88E, 0.08, h14km, 13km, n9, s8/18, 1C-ID, Kuril Islands

Table for 1058, listing station names, codes, times, and residuals for various seismic events.

MAN 19 14:37:55.10, 19N, 123.25E, h7km, mb4.3, ML3.1, MS2.9, 2C-1D, Cebu

Table for 1058, listing station names, codes, times, and residuals for various seismic events.

ISCJB 19 14:39:00.8, 1.1, 0.24S, 0.09, 125.42E, 0.08, h35km, mb3.0/1, Error ellipse: s-maj=15.8km s-min=6.2km az=42.0

DJA 19 14:39:00.6, 1.4, 9.5S, 121.4E, h74km, 23km, M2.7/5, ML2.7/5

IDC 19 14:39:04.0, 3.9, 10.23S, 125.31E, h55km, 44km, mb2.9/1, mb1.3/3, mb1mx2.9/59, mbtmp3.3/4, ML3.2/3, Error ellipse: s-maj=45.7km s-min=13.1km az=37.0

ISC 19 14:39:01.6, 1.2, 10.33S, 0.1, 125.37E, 0.10, h35km, n9, s28/17, Timor Sea

Main table for 1058, listing station names, codes, times, and residuals for various seismic events.

JMA 19 14:48:59.6, 0.1, 35.81N, 140.99E, h16km, 1km, M3.3, ISCJB 19 14:49:00.0, 1.0, 35.78N, 0.05, 140.9E, 0.1, h121km, 6km, mb3.1/3, Error ellipse: s-maj=16.0km s-min=8.3km az=163.8

19d 15h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MLR, ARR, DAV, PLO, etc.

2015 FEB

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TIXI, MA2, SEY, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WHAR, P42A, I42A, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like GTBY, SDDR, TLIG, ATAH, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like T36A, LPAZ, Q45A, R40A, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like C35A, B34A, C31A, PDAR, etc.

19d 20h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Nioudou, Wulai, YM07, ENA, YM10, YM05, YM08, YM04, YHNB, NSK, NACB.

IDC 19:19:15.42.1.2.1.9.13S.112.61E, h0km, mb3.3/4, mb1 3.5/4, mb1mx3.5-min=5, mbtmp3.4/4, Error ellipse: s-maj=117.4km s-min=24.3km az=49.0, South of Jawa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA, ASAR, STKA, MKAR.

MAN 19:19:10.10.13N.123.30E, h38km, mb4.4, ML3.2, MS2.9, 1C-2D, Cebu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LLP, TBP, SNPH, GUIM, RCP, MSLP, OCLP.

IDC 19:48:47.8.7.3.08N.128.77E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.6/1, mbtmp3.7/4, Error ellipse: s-maj=122.3km s-min=88.5km az=150.0, North of Halmahera

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

IDC 19:20:15.45.3.0.8.3.16S.141.09E, h0km, mb3.6/6, mb1 3.9/8, mb1mx3.7/43, mbtmp3.7/8, ML4.0/1, MS3.2/1, MS1 3.2/1, ms1mx2.4/36, Error ellipse: s-maj=21.9km s-min=11.6km az=109.0

ISCJB 19:20:15.45.3.0.5.3.22S.141.19E, h23km, mb4.3/11, MS3.0/1, Error ellipse: s-maj=11.9km s-min=7.8km az=10.0

NEIC 19:20:15.50.0.0.5.3.24S.141.18E, h35km, mb4.1/5, Error ellipse: s-maj=12.1km s-min=8.4km az=89.0

ISC 19:20:15.48.6.0.7.3.17S.141.19E, h23km, n31, c137/28, mb3.9/11, New Guinea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMG, COEN, MTN, WRAB, WRA, SOEI, BATI, FITZ, AS31, ASAR, ASAR, EIDS, CBIJ, JCJ, H1S3, H1S2, H1S1, H1N1, H1N2, H1N3, RAOU, CMAR, SONAO, SONAO, MK32, MKAR, ILAR, TORD, DBIC.

IDC 19:20:30.21.2.1.4.3.79S.141.89E, h0km, mb3.5/6, mb1 3.9/7, mb1mx3.6/42, mbtmp3.6/7, ML3.2/1, MS2.9/1, MS1 2.9/1, ms1mx2.3/30, Error ellipse: s-maj=37.7km s-min=11.6km az=109.0

ISC 19:20:30.23.0.3.8.3.65S.142.2E, h35km, n13, c150/6, mb3.5/6, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA, WRA, ASAR, FITZ, FITZ, H1S3, H1S2, H1S1, H1N1, H1N2, H1N3, MJAR, CMAR, MKAR, ILAR.

ISCJB 19:20:45.50.9.0.5.29.67S.178.5W, h150km, mb4.2/14, Error ellipse: s-maj=15.0km s-min=9.0km az=32.1

IDC 19:20:45.52.6.1.8.30.30S.178.16W, h170km, mb3.9/12, mb1 4.1/13, mb1mx3.8/44, mbtmp3.4/13, Error ellipse: s-maj=40.1km s-min=17.7km az=164.0

NEIC 19:20:45.54.9.0.2.89.84S.178.28W, h184km, mb4.3/3, mb1 4.1/13, mb1mx3.8/44, mbtmp3.4/13, Error ellipse: s-maj=40.1km s-min=17.7km az=164.0

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SNPH, SNPH, GUIM, LLP, RCP, MSLP, OCLP.

DJA 19:20:17.19.4.0.5.1.12S.121.1E, h32km, mb3.6/6, ML4.3/10, mB5.5/1, mb5.4/1, MLV3.8/10, Mw(MB)4.9/1, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like APSI, APSI, MPSI, MPSI, MRSI, MRSI, LUVI, LUVI, TTSI, TTSI, KMSI, KMSI, BNSI, BNSI, BMSI, BMSI, SMKI, SMKI.

MEX 19:20:22.56.1.0.8.15.32N.95.58W, h15km, MD3.7, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HUIG, HUIG, PANG, PANG, VHO, VHO.

ISCJB 19:20:23.41.2.1.4.38.68N.107.43.6E, h1km, h31km, 6km, Error ellipse: s-maj=18.5km s-min=7.1km az=33.2

ISK 19:20:23.41.3.38.75N.43.47E, h18km, ML2.3/3, CSEM 19:20:23.42.3.0.3.98.77N.44.45E, h10km, ML2.3, Error ellipse: s-maj=10.1km s-min=6.4km az=108.0

DDA 19:20:23.42.4.38.75N.43.51E, h7km, ML2.6, ISC 19:20:23.41.0.1.4.38.68N.108.43.56E, h31km, 9km, n15, c047/27, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like VANS, VANS, TVAN, TVAN, VMUR, VMUR, CLDR, CLDR, CLDR, CLDR, TUTA, TUTA, AGRB, AGRB, AGRB, AGRB, GURO, GURO.

MAN 19:20:26.28.10.18N.123.20E, h1km, mb4.2, ML3.0, MS2.7, 2D, Cebu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUIM, GUIM, LLP, LLP, TBP, TBP, SNPH, SNPH, MSLP, MSLP, OCLP, OCLP.

IDC 19:20:30.21.2.1.4.3.79S.141.89E, h0km, mb3.5/6, mb1 3.9/7, mb1mx3.6/42, mbtmp3.6/7, ML3.2/1, MS2.9/1, MS1 2.9/1, ms1mx2.3/30, Error ellipse: s-maj=37.7km s-min=11.6km az=109.0

ISC 19:20:30.23.0.3.8.3.65S.142.2E, h35km, n13, c150/6, mb3.5/6, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA, WRA, ASAR, FITZ, FITZ, H1S3, H1S2, H1S1, H1N1, H1N2, H1N3, MJAR, CMAR, MKAR, ILAR.

ISCJB 19:20:45.50.9.0.5.29.67S.178.5W, h150km, mb4.2/14, Error ellipse: s-maj=15.0km s-min=9.0km az=32.1

IDC 19:20:45.52.6.1.8.30.30S.178.16W, h170km, mb3.9/12, mb1 4.1/13, mb1mx3.8/44, mbtmp3.4/13, Error ellipse: s-maj=40.1km s-min=17.7km az=164.0

NEIC 19:20:45.54.9.0.2.89.84S.178.28W, h184km, mb4.3/3, mb1 4.1/13, mb1mx3.8/44, mbtmp3.4/13, Error ellipse: s-maj=40.1km s-min=17.7km az=164.0

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Error ellipse: s-maj=16.4km s-min=10.3km az=161.0, ISC 19:20:45.53.7.0.5.29.67S.178.5W, h150km, n52, c265/49, mb4.1/14, Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAO, RAO, URZ, URZ, DZM, DZM, RPZ, RPZ, CTA, CTA, CTAO, CTAO, ASAR, ASAR, WB2, WB2, WRAB, WRAB, WRA, WRA, FAJI, FAJI, SIJI, SIJI, MJAR, MJAR, MAJO, MAJO, ASAJ, ASAJ, ASAJ, ASAJ, KSRS, KSRS, PCSK, PCSK, PETK, PETK, LTX, LTX, TXAR, TXAR, CMAR, CMAR, PDAR, PDAR, MKAR, MKAR, ZALV, ZALV, KURK, KURK, KURB, KURB, AKTO, AKTO, ARCES, ARCES, KBZ, KBZ, FIAO, FIAO, FINES, FINES, NB2, NB2, NB20, NB20, HFS, HFS, ASF, ASF, AKASG, AKASG, MMAI, MMAI, BR101, BR101, BR101, BR101, CLL, CLL, CLL, CLL, DAVOX, DAVOX.

BUI 19:20:46.16.7.6.44S.147.71E, h64km, mb4.7/35, mb5.0/21, MS4.7/7, MS7.4/67

ISCJB 19:20:46.18.0.0.2.6.33S.178.03E, h171.2E, h49km, mb4.7/59, MS3.3/17, Error ellipse: s-maj=5.7km s-min=4.2km az=174.6

IDC 19:20:46.19.8.1.4.6.30S.147.09E, h46km, 13km, mb4.3/24, mb1 4.4/29, mb1mx3.4/50, mbtmp3.6/29, ML4.6/4, MS3.3/21, MS1 3.3/21, ms1mx3.2/43, Error ellipse: s-maj=15.6km s-min=8.8km az=80.0

DJA 19:20:46.20.1.0.8.6.5S.147.7E, h35km, mb4.9/25, mb1 4.2/25, mb1mx3.1/20, MLV5.2/10, MLV5.2/10, NEIC 19:20:46.22.6.0.7.6.40S.147.10E, h79km, mb4.8/32, Error ellipse: s-maj=6.3km s-min=5.0km az=96.0

ISC 19:20:46.19.9.0.3.6.40S.147.15E, h49km, n164, c184/162, mb4.8/57, MS3.3/17, Eastern New Guinea region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMG, PMG, MANU, MANU, RABL, RABL, GENI, GENI, HNR, HNR, CTA, CTA, CTAO, CTAO, FAKI, FAKI, SAUI, SAUI, SAUI, SAUI, SIJI, SIJI, SWI, SWI, MTN, MTN, WRAB, WRAB, WR1, WR1, WRA, WRA.

19d 23h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MYLDM, MJAR, UGM, QSPA, LEM, PETK, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like CAST, MFID, BJI, SEJ, PSI, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ABTX, SNA, LZH, LAO, etc.

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Table with columns: Station Name, Frequency, Power, and other technical details for stations like Vitosha, Koelnbreinsper, WATRA, etc.

UCR 19 23:37:11.3±1.2, 12.79N:88.83W, h36km, g99gkm, ML3.8,

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like TECA, LCY, SNVI, etc.

ISCJB 19 23:49:01.5±0.7, 11.29S:0.04:112.67E, 0.03, h10km,

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like DAV, DAVS, KKM, etc.

ISC 19 23:49:02.1±1.1, 11.32S:0.08:112.71E, 0.05, h10km, n21,

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like GMJI, JAGI, PAGERWOJO, etc.

ISCJB 19 23:50:15.2±0.5, 4.74N:0.04:76.19W, 0.05, h103km, 4km,

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like PLMC, YOTC, ANIL, etc.

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Table with columns: Station Name, Frequency, Power, and other technical details for stations like ANIL, RREF, TOLC, etc.

IDC 20 00:05:06.4±5.4, 50.35N:114.15W, h0km, mb1 3.7/1,

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like I56US, I10CA, YKA, etc.

NEIC 20 00:22:32.8±0.6, 5.78N:0.10:127.26E, 0.09, h100km,

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like DAV, DAVS, KKM, etc.

ATH 20 00:25:22.0, 39.13N:26.42E, h23km, 1km, ML2.0/5, Error

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like PRK, SIGR, etc.

ISC 20 00:25:22.0, 39.12N:0.02:26.42E, 0.02, h12km, 7km,

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like PRK, SIGR, etc.

ISC 20 00:25:22.1, 2.0±0.3 S:2.0±0.3 E, h81km, 5km, M4.8/26,

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like PPSI, MASI, etc.

2025 0h

Table with columns: Station Name, Frequency, Power, and other technical details for stations like CHOS, CHOS, CHOS, etc.

BUI 20 00:33:47.8, 3.10S:100.90E, h47km, mb4.6/31, mB4.9/18,

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like ALN, ALN, ALN, etc.

NEIC 20 00:33:50.6±0.7, 3.04S:100.98E, h55km, 6km, mb4.6/13,

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like PPSI, MASI, etc.

ISC 20 00:33:50.6±0.7, 2.98S:100.99E, 0.04, h52km, 4km,

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like PPSI, MASI, etc.

Table with columns: STA, Code, Station Name, Az, El, AzE, Phase ID, Time, Res, ISC. Includes stations like MOTA Moosalm, RETA Reutte, FETA Feichten, etc.

ISC 20:00:35:50.9:0.9:0.6S:109:58W,h0km,mb4.1/14, mb1 4.3/14, mb1mx4.2/38, mbmp4.1/14, MS4.3/24, Ms1 4.3/24, ms1mx4.2/31, Error ellipse: s-maj=31.8km s-min=17.9km az=59.0

ISC 20:00:35:51.6:0.6:9.0S:0:07:109:39W,0:07:h10km, mb4.7/78, MS4.4/24, Error ellipse: s-maj=12.0km s-min=7.9km az=44.3

NEIC 20:00:35:53.0:0.4:9.0S:109:59W,h10km,mb4.8/69, Error ellipse: s-maj=10.6km s-min=6.1km az=60.0

GCMT 20:00:35:53.0:0.2:9.0S:109:49W,h16km,1km,MW5.1/10, Duration: 0 Moment tensor: Scale 10^19Nm; Mrr0.24±.14; Mss-1.86±.14; Mtt1.63±.15; Mtt-1.71±.37; Mss5.84±.12; Mrr-1.01±.38; Best double couple: Mo6.41100x1016

NP1:263.00000°,δ83.00000°,λ17.00000°. NP2: φs171.00000°,δ73.00000°,λ173.00000°. Principal axes: T 6.5180, Plg16.0000°. Azm12.0000°. N 0.2020, Plg723.0000°. Azm23.0000°. P -6.3040, Plg7.0000°. Azm36.0000°. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 20:00:35:54.1:0.6:9.0S:0:10:109:7W,0:11,h20km,N403, 0:099/380,mb4.7/79,MS4.3/24,Central East Pacific Rise

Main station list table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res, ISC. Includes stations like RPN Rapa Nui, PAYG Puerto Ayora, CMIG Matias Romero, etc.

Main station list table with columns: STA, Code, Station Name, Az, El, AzE, Phase ID, Time, Res, ISC. Includes stations like 344A Westbrook Farm, 242A Grayson, 140A Cam and Jess, etc.

Main station list table with columns: STA, Code, Station Name, Az, El, AzE, Phase ID, Time, Res, ISC. Includes stations like NVAR Mina Array Bea, Q24A Divide, S34A Willow Spring, etc.

20d Oh

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like R44A Waltonville, S46A Don Dixon Farm, T48A Bowling Green, etc.

2012 FEB

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like LAO LASA Array, H38A Maiden Rock, MCWV Mount Chateau, etc.

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Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like ZALV Zalesovo Beam, BRTR Keskin Array B, KURK Kuratov, etc.

ICD 20 00:43:23.8z:1.7, 15:62Sx173:58W, h0km, mb3.9/7, mb1 4.1/7, mb1mx3.8/52, mbtmp3.9/7, MS3.4/3, Ms1 3.4/3, ms1mx2.9/40, Error ellipse: s-maj=107.0km s-min=21.1km az=145.0

NEIC 20 00:43:25.1z:0.5, 15:52Sx173:54W, h10km, mb4.0/1, Error ellipse: s-maj=23.8km s-min=10.2km az=129.0, ISCJB 20 00:43:27.0z:0.6, 15:55S:0.1x173:5W:0.2, h42km, mb3.9/8, MS3.6/2, Error ellipse: s-maj=28.0km s-min=8.1km az=43.9

ISC 20 00:43:28.9z:0.6, 15:56S:0.1x173:4W:0.2, h42km, n34, s156/27, mb3.8/8, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like AFI Afiamalu, AFI Afiama, AFI Afiama, etc.

ISN 20 00:50:00.1z:1.8, 38:72N:43:22E, h0km, 81km, ML4.4, IDC 20 00:50:01.3z:1.1, 38:60N:43:30E, h23km, mb3.9/14, mb1 4.0/20, mb1mx3.7/74, mbtmp3.8/20, ML2.8/5, MS2.8/6, Ms1 2.8/6, ms1mx2.5/59, Error ellipse: s-maj=19.0km s-min=9.1km az=153.0, MOS 20 00:50:02.2z:1.4, 38:48N:43:34E, h15km, mb4.6/15, Error ellipse: s-maj=6.6km s-min=4.8km az=90.8, DDA 20 00:50:02.4z:1.3, 38:76N:43:25E, h23km, M14.1, CSEM 20 00:50:02.7z:0.1, 38:89N:43:29E, h2km, mb4.1/24, Error ellipse: s-maj=3.1km s-min=2.3km az=160.0, NEIC 20 00:50:02.1z:0.0, 38:76N:43:18E, h5km, mb4.2/9, ML4.2/15K, After ISK, NEIC Feil III at Van, ISCJB 20 00:50:02.1z:0.4, 38:70N:0:02:43:32E:0.1, h3km, 2km, mb4.0/33, MS2.8/2, Error ellipse: s-maj=27.0km s-min=1.8km az=161.1, ISK 20 00:50:02.1z:1.3, 38:76N:43:18E, h6km, ML4.2/9, ISC 20 00:50:04.0z:0.8, 38:75N:0:01:43:25E:0.1, h13km, 5km, n311, s178/22, mb4.0/37, 45C-56D, Turkey

ERCV	ERCVIS-VAN	0.28	14	PG	Pg	00 50 08.8 -1.4	KOPT			Sg	00 51 24.0 -0.1	KAMA	Osmaniye	5.43	255	iP	Pg	00 51 49.4 +1.2	
ERCV	ERCV			SG	Pg	00 50 12.9 -1.4	BGD	Bogdanovka	2.53	6	P	Pb	KAMA			iS	Sg	00 52 57.6 -0.9	
ERCV	ERCVIS-VAN	0.28	14	ePg	Pg	00 50 08.8 -1.4	DAGI	Agilar	2.54	337	iP	Pb	TOKA	Tokak	5.47	289	ePn	Pg	00 51 27.8 +2.4
ERCV	ERCV			eSg	Pg	00 50 12.9 -1.4	DAGI				iS	Sg	TOKA			ePg	Pg	00 51 46.6 -2.3	
VMUR	Van-Muradiye	0.35	46	iP	Pb	00 50 10.5 -0.9	MAZI	Mazidag	2.56	241	PN	Pb	TOKA	Tokak	5.47	289	ePn	Pg	00 51 27.8 +2.4
VMUR	VMUR			iS	Pb	00 50 17.4 -0.6	MAZI				iS	Pb	NDR	Nardaran	5.51	68	iS	Pn	00 51 25.3 -0.7
VMUR	Van-Muradiye	0.35	46	iS	Pb	00 50 10.5 -0.9	DBAD	Bademkaya	2.56	333	iP	Pb	NDR			iS	Pn	00 52 30.0 +0.8	
VMUR	VMUR			iS	Pb	00 50 17.4 -0.6	DBAD				iS	Pb	SOC	Sochi	5.52	332	eP	Pn	00 51 27.4 +1.4
ADCV	BITLIS_Adilcev	0.41	279	iP	Pb	00 50 11.1 -1.5	DBAD	Bademkaya	2.56	333	P	Sg	SOC				e	MLR	MLR
ADCV	ADCV			iS	Pb	00 50 17.8 -0.4	DBAD				P	Sg	SOC						
ADCV	BITLIS_Adilcev	0.41	279	iP	Pb	00 50 11.1 -1.5	ARTV	Artvin	2.64	398	ePn	Pb	SOC	Sochi	5.52	332	eP	Pn	00 51 27.4 +1.4
ADCV	ADCV			iS	Pb	00 50 17.8 -0.4	ARTV				ePn	Pb	SOC	Sochi	5.52	332	eP	Pn	00 51 27.4 +1.4
GEVA	Gevas	0.46	199	iP	Pb	00 50 11.7 -1.7	AKH	Akhalkalaki	2.67	4	PN	Pb	BHD	Baghdad	5.54	170	ePn	Pn	00 51 26.0 -0.4
GEVA	GEVA			iS	Pb	00 50 19.6 +0.1	AKH	Akhalkalaki	2.67	4	P	Pb	ANDN	Andrin	5.56	260	iS	Pb	00 51 45.9 +4.7
GEVA	Gevas	0.46	199	ePg	Pg	00 50 12.4 -1.0	AKH	Akhalkalaki	2.67	4	eP	Pb	ANDN	Andrin	5.56	260	iS	Pb	00 53 06.3 +3.5
GEVA	Gevas	0.46	199	ePg	Pg	00 50 11.7 -1.7	AKH	Akhalkalaki	2.67	4	ePn	Pb	ANDN	Andrin	5.56	260	iS	Pb	00 51 45.9 +4.7
GEVA	Gevas	0.46	199	ePg	Pg	00 50 12.4 -1.0	AKH	Akhalkalaki	2.67	4	eP	Pb	ANDN	Andrin	5.56	260	iS	Pb	00 53 06.3 +3.5
GEVA	Gevas	0.46	199	ePg	Pg	00 50 11.7 -1.7	AKH	Akhalkalaki	2.67	4	ePn	Pb	ANDN	Andrin	5.56	260	iS	Pb	00 51 45.9 +4.7
CLDR	Caldiran	0.66	53	PG	Pg	00 50 19.6 +0.1	GDB	GEDABAY	2.76	44	iP	Pn	ANDN	Andrin	5.59	71	iS	Pb	00 51 26.2 -0.8
CLDR	CLDR			SG	Pg	00 50 14.9 -2.2	GDB				iP	Pn	GALA	Gala	6.18	204	ePn	Pn	00 52 31.5 +0.5
CLDR	Caldiran	0.66	53	iP	Pb	00 50 25.6 -0.2	GDB				iP	Pn	GALA						MLR
CLDR	CLDR			iS	Pb	00 50 14.8 -2.3	BAYS	BAYBURT	2.76	304	iP	Pb	GALA						MLR
CLDR	Caldiran	0.66	53	iP	Pb	00 50 25.3 -0.5	BAYS	BAYBURT	2.76	304	iP	Pb	RTB	Rutbah	6.18	204	ePn	Pn	00 51 34.0 -1.2
CLDR	CLDR			iS	Pb	00 50 14.8 -2.3	EPOS	Posof	2.78	352	P	Pb	YAHY	KAYSERI_Yahyal	6.23	266	iP	Pg	00 52 01.5 -2.0
TUTA	Tutak	0.74	333	iP	Pb	00 50 16.6 -2.0	OZXS	Ozaxaz, Azerbai	2.83	35	iP	Pb	YAHY	Yahyaladag	6.30	247	iP	Pg	00 51 56.3 +2.5
TUTA	TUTA			iS	Pb	00 50 20.7 -1.4	OZXS				iP	Pb	YAHY	Yahyaladag	6.30	247	iP	Pg	00 51 56.3 +2.5
TUTA	Tutak	0.74	333	iP	Pb	00 50 16.6 -2.0	OZXS				iP	Pb	YAHY	Yahyaladag	6.30	247	iP	Pg	00 51 56.3 +2.5
TUTA	TUTA			iS	Pb	00 50 20.7 -1.4	OZXS				iP	Pb	YAHY	Yahyaladag	6.30	247	iP	Pg	00 51 56.3 +2.5
AGRB	Hanur-Agry	0.85	347	PG	Pg	00 50 18.2 -2.2	DBOC	Borcka	2.87	335	iP	Pb	BR131	Keskin Array S	7.52	280	ePn	Pn	00 51 55.7 +2.0
AGRB	AGRB			SG	Pg	00 50 18.6 -2.2	DBOC	Borcka	2.87	335	P	Pb	BR131	Keskin Array S	7.52	280	ePn	Pn	00 51 55.7 +2.0
AGRB	Hanur-Agry	0.85	347	ePg	Pg	00 50 30.3 -1.7	BAYT	Ayd-ntepe-Bay	2.91	305	PN	Pb	BRTR	Keskin Array B	7.52	280	ePn	Pn	00 51 55.5 +1.8
AGRB	AGRB			eSg	Pg	00 50 18.6 -2.2	BAYT	Ayd-ntepe-Bay	2.91	305	ePn	Pb	BRTR	Keskin Array B	7.52	280	ePn	Pn	00 51 55.5 +1.8
AGRB	Hanur-Agry	0.85	347	ePg	Pg	00 50 30.3 -1.7	TNCL	Tuncel-merkez	2.91	278	iP	Pb	BRTR	Keskin Array B	7.52	280	ePn	Pn	00 51 55.5 +1.8
AGRB	AGRB			eSg	Pg	00 50 18.6 -2.2	TNCL	Tuncel-merkez	2.91	278	iP	Pb	BRTR	Keskin Array B	7.52	280	ePn	Pn	00 51 55.5 +1.8
DYDN	Diyadin	0.87	23	iP	Pb	00 50 19.1 -2.0	TNCL	Tuncel-merkez	2.91	278	P	Sg	BRTR	Keskin Array B	7.52	280	ePn	Pn	00 51 55.5 +1.8
DYDN	DYDN			iS	Pb	00 50 27.9 -0.1	TNCL	Tuncel-merkez	2.91	278	P	Sg	BRTR	Keskin Array B	7.52	280	ePn	Pn	00 51 55.5 +1.8
DYDN	Diyadin	0.87	23	iP	Pb	00 50 19.1 -2.0	TNCL	Tuncel-merkez	2.91	278	P	Sg	BRTR	Keskin Array B	7.52	280	ePn	Pn	00 51 55.5 +1.8
DYDN	DYDN			iS	Pb	00 50 27.9 -0.1	TNCL	Tuncel-merkez	2.91	278	P	Sg	BRTR	Keskin Array B	7.52	280	ePn	Pn	00 51 55.5 +1.8
DYDN	Diyadin	0.87	23	iP	Pb	00 50 19.1 -2.0	TNCL	Tuncel-merkez	2.91	278	P	Sg	BRTR	Keskin Array B	7.52	280	ePn	Pn	00 51 55.5 +1.8
DYDN	DYDN			iS	Pb	00 50 27.9 -0.1	TNCL	Tuncel-merkez	2.91	278	P	Sg	BRTR	Keskin Array B	7.52	280	ePn	Pn	00 51 55.5 +1.8
BASK	Baskale_VAN	0.91	139	iP	Pb	00 50 18.4 -3.4	EUMZ	Uzumlu	2.92	290	P	Pb	BRTR	Keskin Array B	7.52	280	ePn	Pn	00 51 55.5 +1.8
BASK	BASK			iS	Pb	00 50 34.2 +0.1	EUMZ	Uzumlu	2.92	290	P	Pb	BRTR	Keskin Array B	7.52	280	ePn	Pn	00 51 55.5 +1.8
BASK	Baskale_VAN	0.91	139	iP	Pb	00 50 18.4 -3.4	EUMZ	Uzumlu	2.92	290	P	Pb	BRTR	Keskin Array B	7.52	280	ePn	Pn	00 51 55.5 +1.8
BASK	BASK			iS	Pb	00 50 34.2 +0.1	EUMZ	Uzumlu	2.92	290	P	Pb	BRTR	Keskin Array B	7.52	280	ePn	Pn	00 51 55.5 +1.8
BASK	Baskale_VAN	0.91	139	iP	Pb	00 50 18.4 -3.4	EUMZ	Uzumlu	2.92	290	P	Pb	BRTR	Keskin Array B	7.52	280	ePn	Pn	00 51 55.5 +1.8
BASK	BASK			iS	Pb	00 50 34.2 +0.1	EUMZ	Uzumlu	2.92	290	P	Pb	BRTR	Keskin Array B	7.52	280	ePn	Pn	00 51 55.5 +1.8
GURO	Guroymak-BITLI	0.97	259	PG	Pb	00 50 20.2 -2.8	PTK	Pertek	3.02	274	PN	Pb	ASF	Jabal al Asfar	8.36	220	PN	Pn	00 52 05.8 +0.7
GURO	GURO			SG	Pb	00 50 33.4 -2.4	PTK	Pertek	3.02	274	PN	Pb	ASF	Jabal al Asfar	8.36	220	PN	Pn	00 52 05.8 +0.7
GURO	Guroymak-BITLI	0.97	259	ePg	Pb	00 50 20.2 -2.8	PTK	Pertek	3.02	274	PN	Pb	ASF	Jabal al Asfar	8.36	220	PN	Pn	00 52 05.8 +0.7
GURO	GURO			eSg	Pb	00 50 33.4 -2.4	PTK	Pertek	3.02	274	PN	Pb	ASF	Jabal al Asfar	8.36	220	PN	Pn	00 52 05.8 +0.7
GURO	Guroymak-BITLI	0.97	259	ePg	Pb	00 50 20.2 -2.8	PTK	Pertek	3.02	274	PN	Pb	ASF	Jabal al Asfar	8.36	220	PN	Pn	00 52 05.8 +0.7
GURO	GURO			eSg	Pb	00 50 33.4 -2.4	PTK	Pertek	3.02	274	PN	Pb	ASF	Jabal al Asfar	8.36	220	PN	Pn	00 52 05.8 +0.7
EKAR	Karacaban	1.05	299	iP	Pb	00 50 22.1 -2.4	GANJ	Ganja	3.04	50	iP	Pb	MMAI	Mount Meron Arr	8.55	230	P	Pn	00 52 09.6 +1.8
EKAR	EKAR			iS	Pb	00 50 37.9 -0.4	GANJ	Ganja	3.04	50	iP	Pb	MMAI	Mount Meron Arr	8.55	230	P	Pn	00 52 09.6 +1.8
EKAR	Karacaban	1.05	299	iP	Pb	00 50 22.1 -2.4	GANJ	Ganja	3.04	50	iP	Pb	MMAI	Mount Meron Arr	8.55	230	P	Pn	00 52 09.6 +1.8
EKAR	EKAR			iS	Pb	00 50 37.9 -0.4	GANJ	Ganja	3.04	50	iP	Pb	MMAI	Mount Meron Arr	8.55	230	P	Pn	00 52 09.6 +1.8
EKAR	Karacaban	1.05	299	iP	Pb	00 50 22.1 -2.4	GANJ	Ganja	3.04	50	iP	Pb	MMAI	Mount Meron Arr	8.55	230	P	Pn	00 52 09.6 +1.8
EKAR	EKAR			iS	Pb	00 50 37.9 -0.4	GANJ	Ganja	3.04	50	iP	Pb	MMAI	Mount Meron Arr	8.55	230	P	Pn	00 52 09.6 +1.8
EATA	Eleskirt	1.26	332	iP	Pb	00 50 22.1 -2.4	TBLG	Delisi	3.19	20	PN	Pb	EIL	Elat	11.36	220	LR	LR	00 57 44.4
EATA	EATA			iS	Pb	00 50 26.6 -1.2	TBLG	Delisi	3.19	20	PN	Pb	EIL	Elat	11.36	220	LR	LR	00 57 44.4
EATA	Eleskirt	1.26	332	iP	Pb	00 50 22.1 -2.4	TBLG	Delisi	3.19	20	PN	Pb	EIL	Elat	11.36	220	LR	LR	00 57 44.4
EATA	EATA			iS	Pb	00 50 26.6 -1.2	TBLG	Delisi	3.19	20	PN	Pb	EIL	Elat	11.36	220	LR	LR	00 57 44.4
EATA	Eleskirt	1.26	332	iP	Pb	00 50 22.1 -2.4	TBLG	Delisi	3.19	20	PN	Pb	EIL	Elat	11.36	220	LR	LR	00 57 44.4
EATA	EATA			iS	Pb	00 50 26.6 -1.2	TBLG	Delisi	3.19	20	PN	Pb	EIL	Elat	11.36	220	LR	LR	00 57 44.4
SRTM	Siirt_Merkez	1.29	235	iP	Pb	00 50 44.0 -0.3	ELZG	Elazig	3.35	267	iP	Pb	SORM	Soroca	14.30	316	iP	P	00 53 33.8 +0.4
SRTM	SRTM			iS	Pb	00 50 44.0 -0.3	ELZG	Elazig	3.35	267	iP	Pb	SORM	Soroca	14.30	316	iP	P	00 53 33.8 +0.4
SRTM	Siirt_Merkez	1.29	235	iP	Pb	00 50 27.1 -0.9	ELZG	Elazig	3.35	267	iP	Pb	SORM	Soroca	14.30	316	iP	P	00 53 33.8 +0.4
SRTM	SRTM			iS	Pb	00 50 45.0 -0.1	ELZG	Elazig	3.35	267	iP	Pb	SORM	Soroca	14.30	316	iP	P	00 53 33.8 +0.4
SRTM	Siirt_Merkez	1.29	235	iP	Pb	00 50 27.1 -0.9	ELZG	Elazig	3.35	267	iP	Pb	SORM	Soroca	14.30	316	iP	P	00 53 33.8 +0.4
SRTM	SRTM			iS	Pb	00 50 45.0 -0.1	ELZG	Elazig	3.35	267	iP	Pb	SORM	Soroca	14.30	316	iP	P	00 53 33.8 +0.4
SRTM	Siirt_Merkez	1.29	235	iP	Pb	00 50 27.1 -0.9	ELZG	Elazig	3.35	267	iP	Pb	SORM	Soroca	14.30	316	iP	P	00 53 33.8 +0.4
SRTM	SRTM			iS	Pb	00 50 45.0 -0.1	ELZG	Elazig	3.35	267	iP	Pb	SORM	Soroca	14.30	316	iP	P	00 53 33.8 +0.4
SRTM	Siirt_Merkez	1.29	235	iP	Pb	00 50 27.1 -0.9	ELZG	Elazig	3.35	267	iP	Pb	SORM	Soroca	14.30	316	iP	P	00 53 33.8 +0.4
SRTM	SRTM			iS	Pb	00 50 45.0 -0.1	ELZG	Elazig	3.35	267	iP	Pb							

20d 2h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like YAK, KRLC, TTG, DPC, VRAC, etc.

2012 FEB

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like USRK, CUC, ABTA, GRF, GRFO, etc.

1080

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

1083

Table with columns for station name, frequency, and other technical details. Includes stations like Gofitskoye, Jabal al Asfar, Severo-Kuril's, Sochi, Mount Meron Ar, etc.

2012 FEB

Table with columns for station name, frequency, and other technical details. Includes stations like Kishinev, Carcaliu, Ion Corvin, Harsova, etc.

20d 2h

Table with columns for station name, frequency, and other technical details. Includes stations like Agios Georgios, Agios Georgios, Litofkhoron, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MORC Moravsky Berou, ZST Bratislava, SOP Sopron, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like GAMB Gambell, RETA Reutte, FETA Feichten, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like EDM Edmonton, G03D McMinville, I03D Drain, etc.

F31A	Hecla	129.96	16	P	PKPdf	02 47 03.9	-0.8
D37A	Cotton	130.10	11	P	PKPdf	02 47 04.3	-0.6
E35A	Pequot Lakes	130.27	13	P	PKPdf	02 47 05.0	-0.3
HEC	Hector/Ludlow	130.38	39	P	PKPdf	02 47 06.8	+0.9
F33A	5 Mile Ranch,	130.50	15	P	PKPdf	02 47 05.6	-0.1
E36A	McGregor	130.55	12	P	PKPdf	02 47 05.6	-0.2
MURC	Murrieta	130.60	41	P	PKPdf	02 47 06.6	+0.2
E37A	Wrenshall	130.67	11	P	PKPdf	02 47 05.9	-0.1
G32A	Webster	130.73	16	P	PKPdf	02 47 05.8	-0.4
E38A	The Farm, Brul	130.79	10	P	PKPdf	02 47 06.0	-0.2
D41A	Chassel	130.80	7	P	PKPdf	02 47 06.3	+0.1
GMR	Granite Mounta	130.84	39	P	PKPdf	02 47 07.7	+0.8
G33A	Ortonville	131.07	15	P	PKPdf	02 47 06.6	-0.2
PFO	Pinyon Flats O	131.07	41	P	PKPdf	02 47 07.4	+0.1
TPFO	Pinon Flats	131.08	41	P	PKPdf	02 47 07.4	+0.1
O20A	White River Ci	131.10	28	ePKPdf	PKPdf	02 47 07.4	+0.1
O20A	White River Ci	131.10	28	ePKPdf	PKPdf	02 47 06.9	0.0
F36A	Milaca	131.12	12	P	PKPdf	02 47 07.3	-0.2
BELC	Belle Mtn. Jos	131.12	40	P	PKPdf	02 47 07.3	-0.2
E39A	Mellen	131.18	9	P	PKPdf	02 47 06.9	-0.1
E40A	Wakefield	131.21	9	P	PKPdf	02 47 06.8	-0.3
G34A	Benson	131.22	14	P	PKPdf	02 47 07.2	+0.1
E41A	Kenton	131.33	8	P	PKPdf	02 47 07.0	-0.3
F38A	Pierce - Schro	131.35	11	P	PKPdf	02 47 07.2	-0.1
F37A	Hirchris Farm,	131.44	11	P	PKPdf	02 47 07.3	-0.2
H32A	Carlson Farm,	131.44	16	P	PKPdf	02 47 07.3	-0.3
H33A	Prehn Over Nor	131.46	16	P	PKPdf	02 47 07.4	-0.3
E42A	Champion	131.50	7	P	PKPdf	02 47 07.4	-0.2
E44A	Grand Marais A	131.52	5	P	PKPdf	02 47 07.6	-0.1
G35A	Watkins	131.52	13	P	PKPdf	02 47 07.6	0.0
N23A	Red Feather La	131.54	26	P	PKPdf	02 47 07.7	-0.5
MONP2	Monument Peak	131.54	41	P	PKPdf	02 47 09.8	+1.5
F39A	Loretta	131.56	10	P	PKPdf	02 47 07.2	-0.5
IRM	Iron Mountain	131.57	39	P	PKPdf	02 47 09.0	+0.9
E43A	Lone Tree Farm	131.66	6	P	PKPdf	02 47 07.8	-0.1
COWI	Conover	131.66	8	ePKPdf	PKPdf	02 47 07.8	-0.2
G36A	St. Michael	131.67	13	P	PKPdf	02 47 08.5	+0.5
F40A	Park Falls	131.69	9	P	PKPdf	02 47 07.8	-0.2
BC3	Big Chuckawall	131.69	40	P	PKPdf	02 47 08.1	-0.4
H34A	Spellman Lake,	131.73	15	P	PKPdf	02 47 08.5	+0.3
E45A	Wooded Hills,	131.84	4	P	PKPdf	02 47 08.3	+0.1
I32A	Karley and Nic	131.87	17	P	PKPdf	02 47 08.8	+0.5
SPMN	Marine on St.	131.88	12	P	PKPdf	02 47 08.7	+0.4
IKP	In-Ko-Pah, Jac	131.90	41	P	PKPdf	02 47 09.0	+0.1
SWSC	Sam W. Stewart	131.92	41	P	PKPdf	02 47 08.6	-0.2
H35A	Sunnyside Ranc	131.93	14	P	PKPdf	02 47 08.7	+0.2
F41A	Three Lakes	132.02	8	P	PKPdf	02 47 08.6	-0.1
F43A	Coleman	132.03	16	P	PKPdf	02 47 08.8	+0.1
PDMC	Parker Dam, Lak	132.10	38	P	PKPdf	02 47 09.3	+0.2
F44A	Big Bay de Noc	132.11	6	P	PKPdf	02 47 08.7	0.0
G38A	Ridgeland	132.12	11	P	PKPdf	02 47 08.7	-0.1
PV04	Paradox Valley	132.12	30	ePKPdf	PKPdf	02 47 09.2	-0.1
G39A	Holcombe	132.13	10	P	PKPdf	02 47 08.9	+0.1
F43A	Flat Rock, Esc	132.18	6	P	PKPdf	02 47 09.2	+0.3
Y12C	Blythe	132.22	39	P	PKPdf	02 47 09.5	+0.1
H36A	Jessenland, He	132.25	13	P	PKPdf	02 47 09.6	+0.5
G40A	Rib Lake	132.31	9	P	PKPdf	02 47 08.9	-0.3
ECSD	EROS Data Cent	132.38	16	P	PKPdf	02 47 09.0	-0.4
ECSD	EROS Data Cent	132.38	16	ePKPdf	PKPdf	02 47 08.8	-0.5
F46A	Macinaw City C	132.45	4	P	PKPdf	02 47 09.2	-0.2
H37A	Dierker Farm, C	132.47	12	P	PKPdf	02 47 09.6	+0.1
G4A	Glamis	132.48	40	P	PKPdf	02 47 09.7	-0.2
F45A	CMU Biological	132.48	5	P	PKPdf	02 47 09.3	-0.2
PV01	Paradox Valley	132.49	30	ePKPdf	PKPdf	02 47 10.9	+0.8
ALFO	Alfred	132.50	355	P	PKPdf	02 47 09.7	+0.2
H38A	Malden Rock	132.51	11	P	PKPdf	02 47 09.8	+0.3
G41A	Antigo	132.53	8	P	PKPdf	02 47 09.7	+0.1
ISCO	Idaho Springs	132.58	26	P	PKPdf	02 47 08.9	-1.3
G42A	Mountain	132.60	8	P	PKPdf	02 47 09.2	-0.5
P30A	Pembroke	132.62	357	P	PKPdf	02 47 09.4	-0.3
JEMO	Davis	132.66	16	P	PKPdf	02 47 09.4	-0.5
G43A	Wallace	132.68	7	P	PKPdf	02 47 09.6	-0.3
H39A	Augusta	132.70	11	P	PKPdf	02 47 09.6	-0.3
K31A	O'Neill	132.76	18	P	PKPdf	02 47 10.2	+0.1
I37A	Lemond, Waseca	132.91	13	P	PKPdf	02 47 10.2	-0.1
H40A	Chili	132.91	10	P	PKPdf	02 47 10.2	-0.1
WUAZ	Wupatki	132.92	35	P	PKPdf	02 47 10.7	-0.2
WUAK	Wupatki	132.92	35	ePKPdf	PKPdf	02 47 11.6	+0.8
BUKO	Buck Lake	132.93	359	P	PKPdf	02 47 10.2	-0.1
K32A	Verdigris	132.97	18	P	PKPdf	02 47 10.3	-0.2
J34A	George	132.97	16	P	PKPdf	02 47 10.5	0.0
H41A	Junction City	133.04	9	P	PKPdf	02 47 10.5	0.0
H38A	Scanlan Farm,	133.11	12	P	PKPdf	02 47 10.6	-0.1
MVCO	Mesa Verde	133.23	31	P	PKPdf	02 47 11.3	-0.2
MVCO	Mesa Verde	133.23	31	ePKPdf	PKPdf	02 47 12.1	+0.6
PLVO	Plevna	133.25	357	P	PKPdf	02 47 10.5	-0.4
H42A	Shiocton	133.31	8	P	PKPdf	02 47 11.3	+0.2

BANO	Bancroft	133.31	358	P	PKPdf	02 47 10.6	-0.5
J36A	Seneca-1, Swea	133.34	14	P	PKPdf	02 47 11.0	-0.1
GLMI	Grading	133.41	4	P	PKPdf	02 47 11.6	+0.3
GLMI	Graying	133.41	4	ePKPdf	PKPdf	02 47 12.0	+0.8
H43A	Windswept, Lux	133.45	7	P	PKPdf	02 47 11.2	-0.2
I39A	Houston	133.45	11	P	PKPdf	02 47 11.1	-0.3
Q24A	Divide	133.47	27	P	PKPdf	02 47 11.6	-0.4
LONV	Lak Ozonia	133.47	354	P	PKPdf	02 47 11.4	0.0
K34A	Le Mars	133.49	16	P	PKPdf	02 47 11.4	0.0
J37A	Redenius Farm,	133.54	13	P	PKPdf	02 47 11.8	+0.2
I41A	Arkdale	133.54	9	P	PKPdf	02 47 11.3	-0.2
I40A	Norwalk	133.58	10	P	PKPdf	02 47 11.5	-0.1
L33A	Hoskins	133.63	17	P	PKPdf	02 47 12.0	+0.2
S22A	4UR Ranch, Cre	133.66	29	P	PKPdf	02 47 11.9	-0.5
K35A	Star Lake	133.69	15	P	PKPdf	02 47 11.8	0.0
J38A	Wedel Dairy, R	133.77	12	P	PKPdf	02 47 11.9	-0.1
BMRO	Mielke Farm	133.78	1	P	PKPdf	02 47 11.7	-0.3
I42A	Draeger Lake,	133.86	9	P	PKPdf	02 47 11.5	-0.6
J39A	Decorah	133.91	11	P	PKPdf	02 47 11.5	-0.7
K36A	Gilmore City	133.96	14	P	PKPdf	02 47 12.2	-0.2
I43A	Langefeld Bro	133.97	8	P	PKPdf	02 47 11.9	-0.4
J40A	Soldiers Grove	134.04	10	P	PKPdf	02 47 11.9	-0.6
K37A	Belmond	134.04	14	P	PKPdf	02 47 12.3	-0.2
BGNE	Belgrade	134.05	19	P	PKPdf	02 47 12.5	-0.1
BGNE	Belgrade	134.05	19	ePKPdf	PKPdf	02 47 12.6	0.0
L34A	Swensens Farm,	134.07	17	P	PKPdf	02 47 12.6	0.0
W18A	Petrified Fore	134.13	34	P	PKPdf	02 47 14.0	+0.8
W18A	Petrified Fore	134.13	34	ePKPdf	PKPdf	02 47 14.1	+0.9
L35A	Elelow Farm, R	134.17	16	P	PKPdf	02 47 12.6	-0.2
J41A	Loganville	134.19	10	P	PKPdf	02 47 12.1	-0.6
M33A	Taylor Creek F	134.20	18	P	PKPdf	02 47 12.3	-0.6
K38A	Parkersburg	134.35	13	P	PKPdf	02 47 12.8	-0.3
J42A	Columbus	134.39	9	P	PKPdf	02 47 12.6	-0.5
L36A	Harm Buss Farm	134.41	15	P	PKPdf	02 47 12.9	-0.3
J43A	Natural Harves	134.43	8	P	PKPdf	02 47 12.6	-0.6
K39A	Jewell	134.48	12	P	PKPdf	02 47 12.6	-0.7
JFWS	Jewell Farm	134.59	10	P	PKPdf	02 47 13.0	-0.5
K40A	Colesburg	134.64	11	P	PKPdf	02 47 13.2	-0.4
M35A	Neola	134.73	16	P	PKPdf	02 47 14.0	+0.2
ACTO	Action	134.77	360	P	PKPdf	02 47 13.6	-0.2
N33A	J Bar K, Exete	134.88	18	P	PKPdf	02 47 13.9	-0.2
K41A	Shullsburg	134.88	10	P	PKPdf	02 47 14.4	+0.4
SCIA	Star Center	134.95	14	P	PKPdf	02 47 14.4	+0.2
L39A	Vinton	135.02	12	P	PKPdf	02 47 14.1	-0.2
N34A	Lincoln	135.08	17	P	PKPdf	02 47 14.3	-0.2
K43A	Burlington	135.10	8	P	PKPdf	02 47 15.3	+0.9
ELFO	Elginfield	135.18	1	P	PKPdf	02 47 14.7	0.0
L40A	Anamosa	135.23	11	P	PKPdf	02 47 13.7	-1.0
T25A	Trinidad	135.29	28	P	PKPdf	02 47 15.3	0.0
L41A	Preston	135.36	11	P	PKPdf	02 47 14.8	-0.2
M34A	Pleasantville	135.42	14	P	PKPdf	02 47 15.1	0.0
O33A	Helton	135.44	19	P	PKPdf	02 47 14.9	-0.3
TUC	Tucson	135.51	38	P	PKPdf	02 47 16.8	+1.2
N36A	Muff Farm, Cla	135.54	16	P	PKPdf	02 47 14.6	-0.8
L43A	Garden Prairie	135.55	9	P	PKPdf	02 47 15.1	-0.2
L42A	Oliver, Polo	135.58	10	P	PKPdf	02 47 15.1	-0.3
M39A	Webster	135.60	13	P	PKPdf	02 47 14.5	-0.9
O34A	Beatrice	135.62	18	P	PKPdf	02 47 15.0	-0.5
N37A	Lee Farms, Mou	135.79	15	P	PKPdf	02 47 16.0	+0.1
BINY	Binghamton	136.00	355	P	PKPdf	02 47 16.4	+0.2
N38A	Joe South For	136.00	14	P	PKPdf	02 47 15.8	-0.4
ANMO	Albuquerque	136.03	31	P	PKPdf	02 47 16.3	-0.4
ANMO	Albuquerque	136.03	31	ePKPdf	PKPdf	02 47 17.6	+0.9
ANMO	Albuquerque	136.03	31	ePKPdf	PKPdf	02 47 16.4	-0.3
M41A	Milan	136.03	11	P	PKPdf	02 47 16.0	-0.2
N39A	Derby Farms, D	136.10	13	P	PKPdf	02 47 15.3	-1.1
P34A	Walnut Farm, R	136.18	18	P	PKPdf	02 47 16.1	-0.5
O36A	Bolckow	136.18	16	P	PKPdf	02 47 17.6	+0.1
O37A	Wolfen Farm, M	136.36	15	P	PKPdf	02 47 17.2	+0.3
P35A	Duane Minner,	136.43	18	P	PKPdf	02 47 16.4	-0.6
O38A	Galt	136.58	15	P	PKPdf	02 47 18.2	+0.9
KSU1	Kansas State U	136.64	18	P	PKPdf	02 47 17.6	+0.2
KSU1	Kansas State U	136.64	18	ePKPdf	PKPdf	02 47 17.3	-0.1
N42A	Yates City	136.65	11	P	PKPdf	02 47 17.5	+0.1
O39A	Kirkville	136.68	14	P	PKPdf	02 47 18.5	+1.0
Q34A	Chapman	136.69	19	P	PKPdf	02 47 18.1	+0.5
P37A	Lathrop	136.85	16	P	PKPdf	02 47 17.4	-0.4
W21	Cookes Peak, D	137.13	35	ePKPdf	PKPdf	02 47 19.7	+1.0
WC1	Wyandotte Cave	139.78	7	ePKPdf			

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NVS, KBZ, KIV, RAMN, LSA, HVS, ANN, VSR, SHL, LPSR, GTA, BR131, BR231, SONM, AKASG, KIEV, CD2, PLOR, MLR, VOIR, ARR, APE, HHC, CMAR, FINES, BZS, BOD, ARCES, CONKA, OBNA, GEAO, GERS, ABTA, NB2, MOTA, FETA, DAVOX, YAK, HINF, SENIN, TAXI, SPITS, LPG, LPL, KLR, KEST, KSAR, SMF, KSR5.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AVF, USRKR, TCF, CAF, LDF, FLN, EKA, LFF, GRR, EPF, SGMF, JUN, NKL, ETSF, QUIF, DAG, DAG, YSS, ES19, ESDC, MJAR, TORD, KOWA, TOLK, COLD, IM3, INK, INK, ILAR, PAX, PAX, SCHO, YKA, WRA, ASOI, ASAR, CTA, PLCA, IDC, ISC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SFK, SFK, SFK, KK31, MNAS, MNAS, AAK, AAK, AAK, AAK, AAK, TKM2, TKM2, GEYT, GEYT, OTUK, OTUK, AB31, MKAR, KURBB, KURBB, GNI, ZALV, IDI, HFS, NOA, TORD, YKA, MOS, MOS, IASPEI, BYKL, IDC, ISC.

MOS 20 04:18:14.5:1.4,41'43N:72'99E,h42km,mb4.5/33,Error ellipse: s-maj=7.1km s-min=5.2km az=108.9
 KRNET 20 04:18:15.2:0.1,41'46N:73'07E,h16km,mb4.5
 NEIC 20 04:18:16.2:0.6,41'48N:73'05E,h47km,5km,mb4.4/13,Error ellipse: s-maj=6.6km s-min=4.7km az=161.0
 NEIC Felt at Osh. Also felt at Andjion, Uzbekistan.
 SOME 20 04:18:17.1,41'47N:73'07E,h20km,MS3.5
 ISC 20 04:18:13.9:0.6,41'41N:0.0:02:73.04E,0.02,h24km,4km,
 n302,az=17/360,mb4.3/60,92C-40D,Kyrgyzstan

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
ISC	ISC	ISC	ISC	ISC	ISC	ISC	ISC
ARSB	Arslanbob	0.10	208	↑P	Pb	04 18 18.2	-0.5
ARSB	baz=6.0			↑S	Sb	04 18 20.9	-0.9
TOKL	Toktogul	0.55	346	↑P	Pb	04 18 25.0	0.0
TOKL	baz=43			↑S	Sb	04 18 31.9	-0.6
AML	Almayashu	0.87	34	↑P	Pb	04 18 27.0	-3.6
AML	636nm,0.2s,SNR=664			↑S	Sb	04 18 42.6	+0.5
AML	6um,0.5s			↑P	Pb	04 18 27.1	-3.6
AML	Almayashu	0.87	34	↑P	Pb	04 18 38.3	-3.8
AML	baz=35			↑S	Sb	04 18 38.3	-3.8
AML	Almayashu	0.87	34	↑P	Pb	04 18 30.4	-0.3
AML	baz=35			↑S	Sb	04 18 41.7	-0.4
ARK	Arkit	0.90	296	↑P	Pn	04 18 32.1	+0.9
ARK	baz=92			↑S	Sn	04 18 44.7	+1.2
MNAS	Manas	1.15	340	↑P	Pb	04 18 32.1	-2.6
MNAS	333nm,0.4s			↑S	Sb	04 18 51.1	+1.3
MNAS	1um,0.4s			↑P	Pn	04 18 32.0	-2.6
MNAS	Manas	1.15	340	↑P	Pn	04 18 32.1	-2.6
MNAS	comp=Z,333nm,0.4s			↑S	Sb	04 18 32.1	-2.6
MNAS	Manas	1.15	340	↑P	Pn	04 18 47.3	-2.4
MNAS	baz=39			↑S	Sb	04 18 35.8	+0.6
MNAS	Manas	1.15	340	↑P	Pb	04 18 50.9	+1.1
MNAS	baz=38			↑S	Sb	04 18 39.4	+0.9
MRKS	Merke	1.34	6	eP	eS	04 18 56.3	+1.0
MRKS	comp=Z,2um,0.3s			eS	Sb	04 18 35.7	-1.9
EKS2	Erkin-Say	1.37	23	P	Pn	04 18 35.8	-1.9
EKS2	comp=Z,2.45nm,0.5s,SNR=114			↑P	Pn	04 18 54.4	-0.7
EKS2	Erkin-Say	1.37	23	↑P	Pn	04 18 57.2	+1.2
EKS2	baz=24			↑S	Sb	04 18 39.0	+0.1
EKS2	Erkin-Say	1.37	23	↑P	Pb	04 18 36.0	-2.0
UCH	Uchtor	1.37	53	↑P	Pn	04 18 36.2	-1.8
UCH	comp=Z,115nm,0.2s,SNR=293			↑S	Sn	04 18 55.4	-0.2
UCH	Uchtor	1.37	53	↑P	Pn	04 18 39.9	+0.7
UCH	baz=54			↑S	Sb	04 18 58.5	+2.0
UCH	Uchtor	1.37	53	↑P	Pn	04 18 38.1	-0.6
SFK	Sufi-Kurgan	1.44	166	↑Pn	Pn	04 19 05.2	
SFK	comp=Z,127nm,0.5s			↑Lg	Lg	04 19 05.2	
SFK	Sufi-Kurgan	1.44	166	↑P	Pn	04 18 37.7	-1.0
SFK	comp=Z,2um,0.4s			↑Lg	Lg	04 18 37.7	-1.0
SFK	Sufi-Kurgan	1.44	166	↑P	Pn	04 18 38.1	-0.6
SFK	comp=Z,1um,0.6s			↑S	Sb	04 18 58.9	+0.8
SFK	Sufi-Kurgan	1.44	166	↑P	Pb	04 18 43.2	+3.0
SFK	baz=67			↑S	Sb	04 19 03.1	+5.0
SFK	Sufi-Kurgan	1.44	166	↑P	Pn	04 18 41.0	-0.4
AAK	Ala-Archa	1.64	41	Pn	Pn	04 19 04.1	+0.3
AAK	comp=Z,28nm,0.3s,baz=179,slow=23,SNR=247			↑S	Sb	04 18 41.0	-0.4
AAK	Ala-Archa	1.64	41	↑Pn	Pn	04 18 41.0	0.0
AAK	comp=Z,115nm,0.3s,baz=215,slow=18,SNR=92			↑P	Pn	04 18 45.5	+1.9
AAK	Ala-Archa	1.64	41	↑Pn	Pn	04 19 07.6	
AAK	comp=Z,135nm,0.5s			↑Lg	Lg	04 18 40.7	-0.7
AAK	Ala-Archa	1.64	41	↑Pn	Pn	04 18 40.8	-0.5
AAK	comp=Z,136nm,0.2s,SNR=167			eS	Sb	04 18 41.3	0.0
AAK	Ala-Archa	1.64	41	ePn	Pn	04 19 05.5	+1.7
AAK	Ala-Archa	1.64	41	↑P	Pn	04 18 40.9	-0.5
AAK	baz=42			↑S	Sb	04 19 03.3	-0.5
AAK	Ala-Archa	1.64	41	↑P	Pb	04 18 44.8	+1.3
AAK	baz=42			↑S	Sb	04 19 05.6	+1.7
KZA	Kyzart	1.78	67	↑P	Pn	04 18 43.2	-0.4
KZA	comp=Z,168nm,0.2s,SNR=132			↑P	Pn	04 18 43.6	0.0
KZA	Kyzart	1.78	67	eP	Sn	04 19 06.5	+0.8
KZA	baz=68			↑S	Sb	04 18 48.1	+1.9
KZA	Kyzart	1.78	67	↑P	Pb	04 19 11.2	+2.9
KZA	baz=69			↑S	Sb	04 18 45.0	+1.0
FRU1	Bishkek	1.83	40	↑P	Pn	04 19 09.2	-0.2
FRU1	baz=40			↑S	Sb	04 18 48.1	+1.3
FRU1	Bishkek	1.83	40	↑P	Pb	04 19 11.9	+2.5
FRU1	baz=40			eS	Sb	04 18 46.0	-1.0
FRU	Bishkek	1.84	39	ePn	Pn	04 19 12.5	
FRU	comp=Z,830nm,1.5s			pmax	pmax		
FRU	comp=E,8um,1.6s			pmax	pmax		
FRU	comp=E,2um,1.9s			pmax	pmax		
KBK	Karagaybulak	1.89	48	↑P	Pn	04 18 45.7	+0.8
KBK	comp=E,213nm,0.2s,SNR=128			↑P	Pn	04 18 45.8	+0.9
KBK	Karagaybulak	1.89	48	↑P	Pn	04 19 11.3	+0.2
KBK	baz=49			↑S	Sb	04 18 49.3	+1.4
KBK	Karagaybulak	1.89	48	↑P	Pb	04 19 13.9	+2.8
KBK	baz=49			↑S	Sb	04 18 51.6	+2.8
DZA	Taraz	1.95	320	eP	Pb	04 19 16.7	+3.9
DZA	comp=E,3um,0.5s			eS	Sb	04 18 48.0	+1.2
CHMS	Chumysh	2.03	38	↑P	Pn	04 18 48.1	+1.4
CHMS	comp=E,516nm,0.2s,SNR=103			↑P	Pn	04 19 14.3	-0.8
CHMS	Chumysh	2.03	38	↑P	Pn	04 18 51.4	+1.2
CHMS	baz=39			↑S	Sb	04 19 17.7	+2.6
CHMS	Chumysh	2.03	38	↑P	Pb	04 18 49.5	+1.1
USP	Ospenovka	2.15	30	↑P	Pn	04 18 49.5	+1.2
USP	comp=E,464nm,0.2s,SNR=146			↑P	Pn	04 18 49.5	+1.2
USP	Ospenovka	2.15	30	↑P	Pn	04 18 49.5	+1.2

USP	baz=30			↑S	Sb	04 19 17.5	-0.9
USP	Ospenovka	2.15	30	↑P	Pb	04 18 52.8	+0.6
USP	baz=30			↑S	Sb	04 19 20.8	+2.4
NRN	Naryn	2.23	88	↑P	Pb	04 18 53.9	+0.2
NRN	baz=90			↑P	Sb	04 19 22.1	+1.2
IUG	Iuzhny	2.37	289	eP	Pb	04 18 58.3	+2.4
IUG	comp=E,5um,0.4s			eS	Sb	04 19 27.4	+2.6
BOOM	Boomsokoye usch	2.42	62	↑P	Pb	04 18 56.1	-0.7
BOOM	baz=63			↑S	Sb	04 19 25.8	-0.5
TKM2	Tokmak 2	2.43	51	↑Pn	Pn	04 18 54.3	+2.0
TKM2	comp=E,66nm,0.5s			↑P	Pb	04 18 59.0	+1.9
TKM2	comp=E,340nm,0.9s			↑Lg	Lg	04 19 31.5	
TKM2	comp=E,5um,0.5s			↑Pn	Pn	04 18 54.3	+2.0
TKM2	TKM2	2.43	51	↑Pn	Pn	04 18 53.8	+1.6
TKM2	comp=Z,66nm,0.4s			↑P	Pn	04 18 53.9	+1.6
TKM2	comp=Z,199nm,0.5s,SNR=267			↑P	Pn	04 18 53.9	+1.6
TKM2	Tokmak 2	2.43	51	eP	Pn	04 19 24.9	-1.7
TKM2	baz=51			↑S	Sb	04 18 57.7	+0.7
TKM2	Tokmak 2	2.43	51	↑P	Pb	04 19 28.1	+1.5
TKM2	baz=51			↑S	Sb	04 18 54.7	+1.2
KK31	Karatay Array	2.53	313	Pn	Pn	04 19 00.4	+1.7
KK31	comp=Z,54um,0.4s,baz=125,slow=13,SNR=2339			↑P	Pg	04 19 32.9	
KK31	comp=Z,212nm,0.5s,baz=127,slow=15,SNR=6.6			↑Lg	Lg	04 19 32.9	
KK31	comp=Z,367nm,0.3s,baz=129,slow=30,SNR=20			↑Pn	Pn	04 18 54.7	+1.2
KK31	Karatay Array	2.53	313	Pn	Pn	04 18 54.7	+1.2
KK31	comp=Z,54nm,0.4s			ePn	Pn	04 18 54.6	+1.2
KKAR	Karatay Array	2.53	313	ePn	Pn	04 18 55.3	+1.5
KKAR	Karatay Array	2.53	313	ePn	Pn	04 19 26.8	+2.8
ULHL	Ulhal	2.53	70	↑P	Sn	04 19 02.3	+2.6
ULHL	baz=70			↑S	Sn	04 19 34.5	+3.4
BMNS	Besnoynak	2.59	48	eP	Pb	04 19 03.7	+1.8
BMNS	comp=Z,523nm,0.2s			eS	Sb	04 19 37.1	+2.3
BMNS	comp=Z,3um,0.7s			eS	Sb	04 19 04.3	+2.3
KST	Kasiek	2.72	291	eP	Pb	04 19 38.6	+3.6
KST	comp=Z,26nm,0.3s			eS	Sb	04 19 04.6	+2.4
KST	Chimkent	2.72	291	eP	Pb	04 19 38.6	+3.6
KST	comp=Z,6um,0.6s			eS	Sb	04 19 07.6	+3.8
DGS	Degeres	2.73	47	eP	Pb	04 19 38.3	+3.3
DGS	comp=Z,335nm,0.5s			eS	Sb	04 19 07.6	+3.8
TAS	Tashkent	2.83	270	↑P	Pg	04 19 07.5	+3.8
TAS	comp=Z,2um,0.8s			↑Lg	Lg	04 19 07.5	+3.8
TAS	Tashkent	2.83	270	Pn	Pn	04 18 59.4	+1.8
TAS	Tashkent	2.83	270	↑P	Pn	04 19 35.4	-2.5
TAS	baz=69			↑S	Sb	04 19 02.9	-0.8
TAS	Tashkent	2.83	270	↑P	Pb	04 19 37.9	0.0
TAS	baz=69			↑S	Sb	04 19 04.0	-0.6
KSH	Kashi	2.93	129	P	Pn	04 19 17.3	+1.8
KSH	KSH	2.93	129	P	Pn	04 19 40.5	-0.4
KSH	KSH	2.93	129	P	Pn	04 19 40.5	-0.4
KSH	comp=Z,22nm,0.6s			LR	LR	04 19 10.2	+2.6
KSH	comp=Z,2um,3.4s			LR	LR	04 19 47.4	+3.2
KSH	comp=Z,1um,6.1s			LR	LR	04 19 11.0	+2.3
MTBS	Maitube	3.05	54	eP	Sb	04 19 49.6	+3.3
MTBS	comp=Z,85nm,0.3s			eS	Sb	04 19 04.2	+1.6
IZV	Izvestkoviy	3.11	57	eP	Pb	04 19 42.1	+2.6
IZV	comp=Z,589nm,0.8s			eS	Sb	04 19 42.1	+2.6
IZV	comp=Z,281nm,0.7s			eS	Sb	04 19 42.1	+2.6
KDJ	Kajisay	3.18	76	↑P	Pn	04 19 42.1	+2.6
KDJ	baz=76			↑S	Sn	04 19 42.1	+2.6
KDJ	Kajisay	3.18	76	eP	Pn	04 19 42.1	+2.6
KDJ	baz=76			↑S	Sb	04 19 15.8	+3.3
TNSS	Tian-Shan	3.33	59	eP	Pb	04 19 15.8	+3.3
TNSS	comp=Z,126nm,0.4s			eS	Sb	04 19 56.1	+5.5
AAA	Alma-Ata	3.39	57	ePn	Pn	04 19 18.1	+4.2
AAA	comp=Z,250nm,0.5s			pmax	pmax	04 20 02.2	
KNDC	Almaty	3.43	57	↑P	Pb	04 19 18.1	+4.2
KNDC	comp=Z,67nm,0.5s			↑Lg	Lg	04 20 02.2	
MDOK	Medeo	3.45	58	P	Pb	04 19 18.9	+4.5
MDOK	comp=Z,203nm,0.6s			Lg	Lg	04 20 02.7	
MDOK	Medeo	3.45	58	P	Pb	04 19 17.6	+3.1
MDOK	comp=Z,674nm,0.6s			eS	Sb	04 20 01.5	+5.5
MDOK	comp=Z,108nm,0.6s			eS	Sb	04 19 17.5	+2.8
KUU	Kuryt	3.48	43	eP	Pb	04 20 01.1	+4.5
KUU	comp=Z,107nm,0.2s			eS	Sb	04 20 18.7	+2.9
KOTS	Kotyrbulak	3.53	58	eP	Pb	04 20 04.2	+6.1
KOTS	comp=Z,428nm,0.8s			eS	Sb	04 20 08.8	+2.4
KOTBS	Karotobe	3.54	48	eP	Pb	04 19 22.4	+2.1
KOTBS	comp=Z,102nm,0.7s			eS	Sb	04 20 09.1	+3.2
CHKK	Chushkaly	3.80					

Table of station data for 20d 5h, including columns for station name, coordinates, and various parameters like elevation and signal strength.

Table of station data for 2012 FEB, including columns for station name, coordinates, and various parameters like elevation and signal strength.

Table of station data for 1090, including columns for station name, coordinates, and various parameters like elevation and signal strength.

20d 6h

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like CMAR Chiang Mai Arr, AAK Ala-Archa, ARU Arti, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like MNSI Mandailing Nat, BKNi Bangkinang, etc.

2012 FEB

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like PPSI Pulau Pagai, ODAN Odare, RAMN Ramit, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like MNSI Mandailing Nat, BKNi Bangkinang, etc.

1092

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like DEMI Demirci, TAVI DENIZLI_Tavas, PRK Paraskevi, etc.

1093 2012 FEB 20d 6h

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like RKY Sarkoy-Tekirda, GRG Griva, KIEV Kiev, and many others.

Table of astronomical observations for 20d 7h, listing stations like FINES, HFS, SGFM, KLMR, etc., with columns for station name, time, and other parameters.

Table of astronomical observations for 2012 FEB, listing stations like SEY, MA2, MA2, etc., with columns for station name, time, and other parameters.

Table of astronomical observations for 1094, listing stations like ZALV, ZALV, KURBB, etc., with columns for station name, time, and other parameters.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BATI Baumata, WRA Warrunguna Arr, ASAR Alice Springs, etc.

KRSC 20 07:44:59.1, 4.50, 26N, 159.31E, h73km, 32km, ML3.9, East of Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KDTR Khodutka, PAU Pauzhetka, RUS Russkaya, etc.

IDC 20 08:04:57.9, 1.1, 4.43N, 96.22E, h0km, mb3.8/9, mb1.0/4.0, mb1mx3.7/68, mbtmp3.8/10, ML2.1/12, MS3.1/12, MS1.3/12, ms1mx2.9/64, Error ellipse: s-maj=50.6km s-min=16.1km az=55.0

ISCJB 20 08:04:59.1, 1.0, 4.51N, 0.03, 96.17E, 0.05, h18km, 7km, mb4.1/12, MS3.2/8, Error ellipse: s-maj=8.9km s-min=5.6km az=167.3

DJA 20 08:05:01.3, 0.8, 5.2N, 2.9E, h10km, M4.3/8, MLV4.3/8, NEIC 20 08:05:02.0, 0.4, 4.46N, 96.31E, h35km, mb4.5/7, Error ellipse: s-maj=10.3km s-min=6.7km az=57.0

ISC 20 08:00:00.9, 0.6, 4.49N, 0.04, 96.31E, 0.06, h21km, 2km, n46, e137/43, mb4.1/12, MS3.3/8, Northern Sumatras

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MSLI Meulaboh, LHMI Lhok Sumawe, KCSI Kotacane, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PSI Prapat, CMAR Chiang Mai, KSM Kuching, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BRDH Baridhala, SHL Shillong, JAGI Jajag, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, KSRS Korea Array, MK31 Makanchi Array, etc.

ISK 20 08:10:56.2, 37.80N, 27.53E, h12km, ML1.8/3, CSEM 20 08:10:59.7, 0.3, 38.16N, 27.50E, h10km, ML1.8, Error ellipse: s-maj=8.1km s-min=6.6km az=54.0

ISCJB 20 08:11:00.1, 0.7, 38.11N, 0.05, 27.52E, 0.04, h11km, 2km

Error ellipse: s-maj=8.2km s-min=5.3km az=16.9, DDA 20 08:11:00.1, 38.13N, 27.49E, h7km, ML2.5, ISC 20 08:10:59.7, 1.2, 38.13N, 0.03, 27.49E, 0.03, h10km, 10km, n18, e082/30, Turkey

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

MAN 20 08:39:17.1, 0.19N, 123.330E, h33km, mb3.9, ML2.7, MS2.3, 1C, Cebu

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

ISC 20 08:47:53.3, 3.1, 53.52N, 87.77E, h0km, mb1.3/4.2, mb1mx2.9/71, mbtmp3.4/2, ML3.1/2, Error ellipse: s-maj=32.2km s-min=19.9km az=83.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

GUC 20 08:51:58.9, 0.3, 31.17S, 69.27W, h10km, 17km, ML3.3, SJA 20 08:51:59.0, 0.3, 31.32S, 68.64W, h98km, 1km, ML3.5, MW3.7

ISCJB 20 08:52:00.4, 0.9, 31.28S, 0.06, 68.64W, 0.10, h100km, 8km, Error ellipse: s-maj=15.7km s-min=6.6km az=34.6

ISC 20 08:50:01.8, 1.5, 31.29S, 0.06, 68.65W, 0.07, h90km, 9km, n14, e119/22, San Juan Province

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

ROM 20 08:56:25.0, 1.1, 38.99N, 17.19E, h10km, Md2.1/3, MH1.7/3, Error ellipse: s-maj=10.3km s-min=7.1km az=120.0, Southern Italy

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

ISCJB 20 08:57:53.3, 1.1, 71.90N, 0.09, 2.0W, 0.4, h10km, Error ellipse: s-maj=18.2km s-min=10.1km az=149.1

NAO 20 08:57:54.6, 5.4, 71.85N, 1.97W, ML3.0, CSEM 20 08:57:54.1, 1.2, 71.89N, 2.34W, h5km, ML3.0, Error ellipse: s-maj=35.6km s-min=12.9km az=84.0

BER 20 08:58:00.1, 3.9, 71.85N, 1.97W, h15km, 150km, ML3.0, PIPSA Pietrapaola, PIPSA Pietrapaola

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

Table with columns: KIF Kilpisjarvi, KIF Kilpisjarvi, KIF Kilpisjarvi, etc. Includes stations like MOI Rana, ARAO ARCESS Array S, etc.

IDC 20 09:03:34.8, 14.0, 2.37N, 124.30E, h230km, 162km, mb2.9/5, mb1.3/1.5, mb1mx2.8/57, mbtmp3.5/5, Error ellipse: s-maj=99.6km s-min=24.4km az=62.0, Celebes Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, WRA Warrunguna Arr, ASAR Alice Springs, etc.

NIED 20 09:35:00.7, 37.70N, 143.30E, h14km, Mw3.7, Best double couple: M3.42000x1014, NP1:0e49.00000, 860.00000, lambda=20.00000, NP2:0e149.00000, 873.00000, lambda=148.00000

IDC 20 09:35:24.2, 1.1, 37.56N, 143.61E, h0km, mb3.5/4, mb1.3/7.7, mb1mx3.6/55, mbtmp3.6/7, ML3.7/3, Error ellipse: s-maj=44.4km s-min=19.4km az=116.0

ISCJB 20 09:35:28.6, 0.7, 37.66N, 0.04, 143.30E, h5km, h56km, mb3.5/6, Error ellipse: s-maj=7.2km s-min=5.5km az=27.6

JMA 20 09:35:28.4, 0.2, 37.67N, 143.33E, h56km, M3.8, ISC 20 09:35:30.7, 1.0, 37.73N, 0.05, 143.28E, 0.08, h56km, n23, e156/30, mb3.5/6, Off east coast of Honshu

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

IDC 20 09:36:09.3, 1.7, 3.13S, 143.00E, h0km, mb3.6/4, mb1.3/8.5, mb1mx3.4/48, mbtmp3.6/5, ML3.4/11, MS2.9/1, Ms1.1/1, ms1mx2.3/31, Error ellipse: s-maj=70.9km s-min=24.4km az=112.0, Near north coast of Guinea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warrunguna Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, etc.

NIED 20 09:37:00.35, 40N, 140.40E, h65km, Mw3.9, Best double couple: M7.52000x1014, NP1:0e174.00000, 816.00000, lambda=178.00000, NP2:0e6.00000, 870.00000, lambda=74.00000

IDC 20 09:37:02.2, 2.35, 63N, 141.12E, h0km, mb3.7/6, mb1.4/0.9, mb1mx3.6/68, mbtmp4.0/9, ML4.5/3, MS2.9/3, Ms1.2/9, ms1mx2.3/59, Error ellipse: s-maj=64.2km s-min=17.2km az=67.0

ISCJB 20 09:37:15.0, 5.0, 35.37N, 0.05, 140.38E, 0.08, h64km, 4km, mb3.8/6, Error ellipse: s-maj=11.5km s-min=7.6km az=169.0

JMA 20 09:37:16.5, 0.2, 35.43N, 140.39E, h53km, 2km, M3.6, 3 plane solution: P waves: NP1: 0e182.00000, 885.00000, lambda=54.00000, NP2: 0e178.00000, 876.00000, lambda=172.00000, Principal axes: T P1g31.00000, Azm243.00000, N P1g36.00000, Azm359.00000, P1g243.00000, Azm124.00000

JMA Felt J1, ISC 20 09:37:16.5, 0.9, 35.38N, 0.05, 140.41E, 0.08, h54km, 2km, n25, e196/20, mb3.8/6, 1C-4D, Near east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I30JP ISUMI INFRASON, I30JP ISUMI INFRASON, I30JP ISUMI INFRASON, etc.

20d 10h

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MJAR Matsuhiro Arr, MAT Matsuhiro, JHJ Hachiojima 2, etc.

ISK 20 09:38:59.4, 38.75N, 143.18E, h11km, ML2.6/3
DDA 20 09:38:59.6, 38.78N, 143.24E, h7km, ML2.9
ISCJB 20 09:39:00.0, 0.4, 38.77N, 143.22E, 0.04, h9km, 4km, Error ellipse: s-maj=4.9km s-min=3.2km az=167.1

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like VANB Van, ERVC ERVCIS-VAN, etc.

DDA 20 09:46:00.3, 1.4, 7.76N, 38.06W, h0km, mb3.5/4, mb1 3.8/4, mb1mx3.4/5, mbtmpp3.5/4, MS3.3/17, Ms 1.3/17, ms1mx3.0/4.7, Error ellipse: s-maj=45.4km s-min=29.5km az=165.0, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PTGA Pitinga, H10N3 ASCENSION HYDR28.14, etc.

2012 FEB

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

ISCJB 20 09:50:44.0, 4.0, 5.38, 11N, 0.02, 27.50E, 0.04, h6km, 6km, Error ellipse: s-maj=4.8km s-min=4.0km az=175.1
CSEM 20 09:50:44.7, 0.2, 38.10N, 27.50E, h10km, ML2.5, Error ellipse: s-maj=4.1km s-min=2.9km az=99.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like GCAM G?zelcam!, AYDN Tasoluk, etc.

DDA 20 09:54:04.7, 2.5, 13.06S, 169.11E, h674km, 36km, mb2.9/6, mb1 3.2/7, mb1mx2.8/47, mbtmpp4.1/7, Error ellipse: s-maj=47.4km s-min=20.3km az=147.0

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

DDA 20 10:03:48.6, 39.18N, 28.20E, h7km, ML2.6
ISK 20 10:03:48.6, 39.14N, 28.09E, h27km, ML2.4/5
CSEM 20 10:03:49.0, 0.3, 39.18N, 28.18E, h10km, ML2.4, Error ellipse: s-maj=5.5km s-min=5.1km az=86.0

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

1096

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like TVSB Karacabey (Bur), KCTX Karacabey (Bur), etc.

IDC 20 10:26:13.2, 0.6, 31.50S, 177.83W, h0km, mb4.2/11, mb1 4.4/14, mb1mx4.2/43, mbtmpp4.3/14, ML4.4/3, MS3.2/11, Ms 3.2/11, ms1mx3.0/38, Error ellipse: s-maj=19.9km s-min=17.5km az=124.0

ISCJB 20 10:26:14.6, 0.4, 31.71S, 177.81W, 0.10, h26km, mb4.2/15, MS3.4/8, Error ellipse: s-maj=12.6km s-min=3.2km az=18.0

WEL 20 10:26:14.7, 0.6, 32.2, 177.7W, h33km, ML5.5/10
NEIC 20 10:26:18.1, 2.2, 31.49S, 177.85W, h34km, 14km, mb4.3/5, Error ellipse: s-maj=10.7km s-min=7.7km az=113.0

ISC 20 10:26:18.0, 0.1, 31.60S, 177.71W, 0.09, h26km, n138, e196/137, mb4.1/13, MS3.3/8, 1C, Kermadec

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CFON Fontmartina, CSOR Sort, CSOR 0.3nm,0.2s,SNR=7.9, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EALK Alkuruntz, ESAC San Caprasio, ERTA Horta de San J, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes station JMA 20:12:40:06.5,3638N-140:64E, h8km, 1km, M3.5, 2C-1D, and various other stations.

20d 14h

Table of satellite data for 20d 14h, listing stations like VAE, KBKI, DAVA, etc., with columns for station name, coordinates, and other parameters.

2012 FEB

Table of satellite data for 2012 FEB, listing stations like TOLK, LSZ, LSZ, etc., with columns for station name, coordinates, and other parameters.

1112

Table of satellite data for 1112, listing stations like ASAR, ILAR, etc., with columns for station name, coordinates, and other parameters.

Table with columns: WRA, S, S, 14 56 50 -10. Includes stations like Alice Springs, MKAP, and various coordinates.

ISC 20 14:51:50.71, 3.39, 90S; 176.65E, h0km, mb3.7/3, mb1 3.9/4, mb1mx3.7/41, mbmtpp3.7/4, ML3.0/1, Error ellipse: s-maj=34.0km s-min=21.1km az=114.0

ISCJB 20 14:51:53.6, 0.3, 40.07S; 0.02, 176.90E; 0.04, h53km, 3km, mb3.6/3, Error ellipse: s-maj=5.1km s-min=2.5km az=27.1

WEL 20 14:51:55.3, 0.4, 03.05S; 177.7E, h38km, 2km, ML4.6/13 NEIC 20 14:51:56.2, 0.0, 39.95S; 176.72E, h32km, ML4.1 (WEL), After WEL

NEIC Flight at Hastings and Napier. ISC 20 14:51:55.3, 0.8, 40.03S; 0.03, 176.84E; 0.04, h43km, 5km, n236, 0.15/12/242, mb3.6/3, North Island

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like PXZ Pawanui, KHZ Kahurangi, etc.

Table with columns: URZ Urewera, URZ Urewera, URZ Mount Tarawera, etc. Includes station names and coordinates.

ISC 20 15:01:45.7, 1.2, 14.54N; 92.57W, h0km, mb3.8/10, mb1 4.0/13, mb1mx3.9/52, mbmtpp3.8/13, ML3.7/3, MS3.0/2, Error ellipse: s-maj=5.79km s-min=1.48km az=27.0

NEIC 20 15:01:46.7, 0.6, 14.44N; 92.68W, h10km, mb4.2/2, MD4.1 (MEX), Error ellipse: s-maj=2.0km s-min=6.1km az=45.0

MEX 20 15:01:57.0, 0.5, 14.81N; 92.94W, h17km, 999km, MD4.1 ISC 20 15:01:46.5, 0.7, 14.46N; 0.08, 92.80W; 0.09, h10km, n27, 0.193/30, mb3.9/11, Near coast of Chiapas

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like URZ Urewera, URZ Urewera, URZ Mount Tarawera, etc.

Table with columns: 121A Cooke Peak, ANMO Albuquerque, PDAR Pinedale Array, etc. Includes station names and coordinates.

DDA 20 15:05:18.4, 38.14N; 27.48E, h21km, MI3.8 ISCJB 20 15:05:18.7, 0.4, 38.14N; 0.01, 27.50E; 0.02, h2km, 3km, Error ellipse: s-maj=2.6km s-min=2.4km az=161.8

ISC 20 15:05:18.4, 38.14N; 27.48E, h2km, ML3.5/39 THE 20 15:05:19.9, 38.09N; 27.46E, h3km, 2km, ML3.4/4, Error ellipse: s-maj=2.1km s-min=0.5km az=201.0

CSEM 15:05:19.1, 0.1, 38.12N; 27.50E, h2km, ML3.5, Error ellipse: s-maj=1.6km s-min=1.4km az=81.0 ATH 20 15:05:20.3, 38.13N; 27.41E, h9km, 2km, ML3.2/6, Error ellipse: s-maj=2.9km s-min=1.0km az=270.0

ISC 20 15:05:19.3, 1.0, 38.14N; 0.01, 27.49E; 0.01, h7km, 9km, n163, 0.09/83/217, 9C, Turkey

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like GMLD Gumuldur, CGAM G?zelcam!, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KRBN Karaburun, FOCM Fo'sa, UZLA Izmir, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, SKR comp=N,99nm,0.9s, SKR comp=E,117nm,0.9s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SMKR Krutoberegovo, KBG comp=E,180nm,3.0s, KBG comp=E,39nm,0.3s, etc.

ISCJB 20 16:31:36.7-0.9,55.9S;0.1x27.0W;0.4, h63km, mb4.0/5, Error ellipse: s-maj=29.8km s-min=16.1km az=164.3

ISC 20 16:31:40.5-8.2,55.96S;27.12W, h82km, 74km, mb3.8/5, mb1 3.8/6, mb1mx3.6/29, mbtmp4.0/6, ML4.1/1, Error ellipse: s-maj=28.7km s-min=25.9km az=80.0

ISC 20 16:31:38.2-0.9,55.9S;0.1x27.1W;0.2, h63km, n10, c085/10, mb4.1/4, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VNA2 Neumayer-Watz, SNA2 Sanae, SNA3 Sanae, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, PAU Pauzhetka, PAU comp=Z,320nm,0.7s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MA2 Magadan, UGL Uglegorsk, KUR Kuril's, etc.

ISC 20 16:34:13.4-64.0,20.36S;178.72E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.5/38, mbtmp3.5/3, Error ellipse: s-maj=1141.0km s-min=148.0km az=81.0, South of Fiji Islands

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PAU comp=Z,187nm,0.9s, PAU comp=Z,217nm,0.6s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MJA0 Matsu Arr-izzo, MJB9 Matsu-Tunnel, MAJO Matsushiro, etc.

GUC 20 17:08:01.0-0.6,35.02S;72.79W, h21km, 8km, ML3.8, ISC 20 17:07:58.0-2.1, 34.97S;0.04x72.77W;0.09, h14km, 12km, n15, c1569/24, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GO05 Hualae0, CHPI Pichilemu, COCH Cobquecura, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PET comp=Z,400nm,1.3s, PET comp=Z,217nm,0.6s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TIXI Tiksi, KRSR Korea Array, ULN Ulanbaatar, etc.

MAN 20 17:08:32, 9.73N;123.06E, h26km, mb3.9, ML2.7, MS2.3, IC, Negros

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SNPH Sibulan, SNBP Tagbilaran, GUIM Jordan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OKH comp=E,153nm,0.7s, LGNR Loginova, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BRVK Borovoye, LSA Lhasa, LSA comp=Z,3.0nm,0.8s, etc.

MAN 20 17:09:12, 9.80N;123.27E, h32km, mb3.7, ML2.4, MS1.9, IC, Negros

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SNPH Sibulan, TBP Tagbilaran, GUIM Jordan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BDR Baidarnaya, BDR comp=E,630nm,1.1s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARU Arti, AAK Ala-Archa, AAK comp=Z,6.0nm,0.6s, etc.

SKHL 20 17:12:05.7-0.4,52.35N;152.72E, h522km, 9km, mb4.5/2, msh5.2/3

ISCJB 20 17:12:05.9-0.2,52.32N;0.04x152.50E;0.04, h500km, mb3.8/38, Error ellipse: s-maj=5.3km s-min=2.8km az=161.4

MOS 20 17:12:06.1-0.8,52.32N;152.47E, h506km, mb3.8/25, Error ellipse: s-maj=9.5km s-min=6.3km az=61.4

NEIC 20 17:12:06.5-2.8,52.40N;152.63E, h504km, 9km, mb4.3/12, Error ellipse: s-maj=21.0km s-min=15.9km az=160.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, SKR comp=N,99nm,0.9s, SKR comp=E,117nm,0.9s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SMKR Krutoberegovo, KBG comp=E,180nm,3.0s, KBG comp=E,39nm,0.3s, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNPH Sibulan, SNPH Tagbilaran, GUMIM Jordan, etc.

ISK 20 17:42:58.8, 38.19N-127.40E, h5km, ML2.0/4
CSEM 20 17:42:59.3, 0.1, 38.15N-127.43E, h10km, ML2.0, Error ellipse: s-maj=3.1km s-min=2.8km az=99.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GMLD Gumuldur, GMLD zmir, GCAM G?zelcaml?, etc.

BAYC CANAKKALE_Bayr 1.73 337 P S
BAYC BAYC S
IDC 20 17:49:22.6, 0.9, 0.98N-97.13E, h0km, mb4.0/13

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

BBSI Bau Bau 4.95 172 P Pn 17 57 30.2 +0.1
DAV Davao City (W) 8.43 26 LR LR 18 02 20.7
TGy Tagaytay City 14.59 356 LR LR 18 05 31.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNPH Sibulan, SNPH Tagbilaran, GUMIM Jordan, etc.

MAN 20 17:58:11.972N-123.05E, h33km, mb3.8, ML2.5, MS2.1, 1C_Negros
ISCJB 20 18:21:19.1, 1.1, 18.03N-104.146E, h0E:0.10, h105km, 9km, mb4.3/37, Error ellipse: s-maj=15.6km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SAR Sarigan, SAR Guam, GUMO GUMO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ILAR Eielson Array, BRVK Borovoye, KKAR Karatay Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GUIM Jordan, GUIM Sibulan, SNPH Tagbilaran, etc.

IDC 20 19:08:32.0:13.0, 18.01S:178.40W, h654km, 126km, mb3.3/4, mb1 3.5/4, mb1mx2.9/49, mbtmp4.3/4, Error ellipse: s-maj=113.0km s-min=74.3km az=108.0, Fiji

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

MAN 20 18:20:20, 10.04N:123.02E, h28km, mb3.6, ML2.3, MS1.7, 1C, Cebu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GUIM Jordan, GUIM Sibulan, SNPH Maasin, etc.

IDC 20 18:54:43.6:27.0, 13.21N:122.99E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.1/64, mbtmp3.6/3, Error ellipse: s-maj=478.4km s-min=232.6km az=153.0

MAN 20 18:55:14.9:92N:123.13E, h5km, mb4.5, ML3.3, MS3.1, 1SC 20 18:55:14.2:1.1, 9.90N:123.03C-123.10E, 0.04, h13km, gkm, n16, +f126/23, mb3.4/3, 2C-32, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SNPH Sibulan, TBP Tagbilaran, GUIM Jordan, etc.

ISK 20 18:56:04.3, 38.72N:43.29E, h30km, ML1.8/3, ISCJB 20 18:56:05.5:1.1, 38.74N:43.24E, 0.06, h27km, 1.0km, Error ellipse: s-maj=8.2km s-min=6.1km az=165.1

CSEM 20 18:56:05.1:0.4, 38.75N:43.25E, h22km, 5km, ML1.8, Error ellipse: s-maj=9.2km s-min=6.3km az=88.0

DDA 20 18:56:05.4, 38.78N:43.24E, h7km, ML2.7, 1SC 20 18:56:04.8:1.0, 38.73N:0.03:43.27E, 0.04, h31km, 7km, n16, +f27/32, Turkey

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

MAN 20 19:03:30, 10.12N:123.25E, h31km, mb3.7, ML2.4, MS1.8, 1D, Cebu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu, TBP Tagbilaran, SNPH Sibulan, etc.

MAN 20 19:07:00, 10.11N:123.15E, h21km, mb4.0, ML2.8, MS2.4, 1C-1D, Cebu

IDC 20 19:09:34.0:5.1, 14.36N:92.82W, h0km, mb5.1/37, mb1 5.2/40, mb1mx5.1/33, mbtmp3.6/3, Error ellipse: s-maj=18.3km s-min=9.6km az=49.0

GCMT 20 19:09:36.3:0.1, 14.35N:93.31W, h13km, MW5.6/128, Moment Tensor Solution. s113.c200; s128.c311; Duration: t55 Moment tensor: Scale 10^17Nm; M2: 2.00e-02; M3: 1.75e-02; M4: 0.25e-03; M5: 1.22e-07; M6: 0.85e-02; M7: 1.38e-08; Best double couple: M2: 7.6900e107 Np1.7e130.000000, s66.000000, 7.104.000000, NP2: 0.279.000000, s27.000000, s62.000000

Principal axes: T: 2.7890, Plg66.0000, Azm64.0000; N: -0.0400, Plg12.0000, Azm304.0000; P: -2.7500, Plg20.0000, Azm210.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface/mantle waves, cutoff=50s.

NEIC 20 19:09:36.3:0.2, 14.28N:92.78W, h10km, mb5.4/298, MS5.2/56, MD5.2(MEX) Error ellipse: s-maj=4.2km s-min=2.7km az=211.0

NEIC Felt at Tapachula and Tonalá. Also felt at Quetzaltenango and San Pedro La Laguna, Guatemala.

MOS 20 19:09:37.2:1.1, 14.49N:92.77W, h19km, mb5.4/97, MS5.3/28, Error ellipse: s-maj=6.4km s-min=3.9km az=95.8

ISCJB 20 19:09:38.7:0.1, 14.37N:0.02:92.82W:0.01, h33km, mb5.3/372, MS5.2/116, Error ellipse: s-maj=2.7km s-min=1.5km az=34.7

UCR 20 19:09:41.0:0.9, 14.33N:92.81W, h118km, 27km, ML4.2, mb5.4(NEIC)

MEX 20 19:09:41.4:1.8, 14.46N:93.17W, h22km, 329km, MD5.2, 1SC 20 19:09:39.7:0.3, 14.25N:10.04:93.06W:0.03, h36km, 2km, n1404, +f157/1408, mb5.3/379, MS5.2/117, 6C-10D, Near coast of Chiapas

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

CMIG Matias Romero 3.33 328 Pn 19 11 07.5 0.0

CMIG 343nm, 0.3s, baz=69, slow=8.3, SNR=52.6

CMIG comp=Z, 7um, 21.2s, baz=282, slow=33 LR 19 11 24.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RTR El Retiro, SBLB San Blas, SBLJ San Jose, etc.

MOMM Momotombo 6.60 105 eP Pn 19 11 14.2 -0.1

COPN Copaltepelti 6.62 107 eP Pn 19 11 14.0 -0.5

MGAN Managua 6.95 107 eP Pn 19 11 14.0 -5.1

MGAN comp=N, 356nm, 0.7s AML 19 12 58.4

ACX Acapulco 7.05 293 eP Pn 19 11 14.2 -6.2

ACX 19 12 30.7 -8.8

PPM Popocatepetl 7.17 313 eP Pn 19 11 22.9 +0.4

PPM 19 12 38.6 -4.4

MEIG Mezcala 7.29 301 eP Pn 19 11 25.0 +1.2

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

JuntasAbangare comp=Z, 3.2nm, 0.3s, baz=0.4, slow=6.9, SNR=19.8

MOIG Morelia 9.47 306 eP Pn 19 11 56.3 +2.5

MOIG Morelia 9.47 306 eP Pn 19 13 47.4 +8.3

MOIG Morelia 9.47 306 eP Pn 19 11 56.0 +2.2

MOIG Morelia 9.47 306 eP Pn 19 11 56.3 +2.5

JURIG Juriquilla Cam 9.53 313 eP Pn 19 11 47.4 +8.3

HEREDIA Heredia 9.71 111 eP Pn 19 11 56.7 +2.7

EZSV Santa Fe 11.37 304 iP Pn 19 12 19.1 -0.6

LFNG Linares 12.19 331 eP Pn 19 12 32.0 +1.1

WATERBAY Gran 12.27 64 eP Pn 19 12 31.9 0.0

ZAIG Zacatecas 12.37 315 eP Pn 19 12 35.7 +2.1

FSCY Frank Sound, G 12.43 64 eP Pn 19 12 33.3 -0.9

CJCM Chameia 12.60 296 eP Pn 19 12 40.5 +4.0

CJBY Blossom Villag 13.53 65 eP Pn 19 12 49.1 +0.9

CBCT The Star, Cay 13.84 64 eP Pn 19 12 51.1 -0.2

BCIP Isla Barro Ajo 13.89 110 eP Pn 19 12 53.1 -1.1

PAYG Puerto Ayora comp=E, 386nm, 1.9s 15.08 169 eP Pn 19 13 11.8 +1.6

PAYG Puerto Ayora 15.19 338 P Pn 19 13 13.2 +1.6

833A Chantre W.M. baz=155, SNR=9.2 S Sn 19 15 59.6 +0.9

MCJ baz=155 15.21 74 iP P 19 13 16.4 -0.2

CVJ Coleville 15.42 73 iP P 19 13 18.9 0.0

MTDJ Mount Denham comp=E, 541nm, 1.0s 15.42 73 eP Pn 19 13 17.0 -1.9

MTDJ Mount Denham 15.42 73 iP P 19 13 17.9 -1.0

PCJ Portland Coita 15.67 75 iP P 19 13 21.4 -0.2

BMJ Bamboo Saint A 15.70 73 iP P 19 13 21.6 -0.4

STH Stony Hill 16.06 74 iP P 19 13 25.7 -0.3

GWJ Greenwich 16.14 74 iP P 19 13 26.6 -0.3

442A Mamou 16.39 2 P Pn 19 13 27.4 +0.3

444A Pine Grove 16.52 7 P Pn 19 13 27.6 -1.1

445A Amite 16.59 8 P Pn 19 13 28.8 -0.8

446A Palauville 16.81 11 P Pn 19 13 32.2 -0.1

447A Lucedale 16.96 13 P P 19 13 35.2 -0.6

431B Jarrell 16.97 347 P Pn 19 13 34.3 0.0

345A Kurlwood 17.00 360 P Pn 19 13 34.4 -0.4

342A Flagon Creek P 17.06 2 P Pn 19 13 36.0 +0.6

857A Zephyrhills 17.20 34 P Pn 19 13 37.1 -0.1

345A Thompson Farm, 17.20 9 P Pn 19 13 38.3 -0.2

344A Westbrook Farm 17.25 7 P P 19 13 39.1 0.0

HPIG comp=E, 90nm, 1.0s 17.26 319 eP Pn 19 13 39.2 -0.2

449A Paez 17.29 17 P P 19 13 39.1 -0.3

JCT Junction City 17.31 340 P Pn 19 13 39.2 -0.5

JCT Junction City 17.31 340 eP Pn 19 13 38.7 +0.1

JCT Junction City 17.31 340 eP Pn 19 13 38.6 +0.1

346A Big Creek Wild 17.37 10 P P 19 13 40.6 +0.2

NATX Nacogdoches 17.49 355 P Pn 19 13 42.4 +0.8

NATX Nacogdoches 17.49 355 eP Pn 19 13 41.4 -0.3

450A Crestview 17.52 19 P P 19 13 43.2 +1.2

DWPF Disney Wildern 17.52 36 P Pn 19 13 41.2 0.0

DWPF Disney Wildern 17.52 36 eP Pn 19 13 41.3 0.0

347A Saraland 17.57 13 P P 19 13 43.3 +0.8

243A Quantan 17.61 4 P P 19 13 43.4 +0.4

451A Vernon 17.62 21 P P 19 13 43.5 +0.3

858A St Cloud 17.64 36 P Pn 19 13 43.4 +0.1

241A Mo Tay, Golden 17.69 0 P P 19 13 45.0 +1.1

H06E1 SQCORRO T-PHASE 17.71 287 T T 19 31 41.1

240A Hunter Patters 17.72 358 P P 19 13 44.6 +0.4

BRAL Brewton 17.72 17 P P 19 13 45.0 +0.8

348A Jackson 17.73 15 P P 19 13 45.3 +1.1

553A Crawfordville 17.75 25 P P 19 13 44.5 0.0

242A 17.75 3 P P 19 13 45.4 +0.9

859A Kempfer Cattle 17.79 38 P P 19 13 45.2 +0.1

757A Oxford 17.82 33 P P 19 13 45.3 0.0

244A Avery, Jackson 17.84 7 P P 19 13 46.5 +0.9

349A Repton 17.85 17 P P 19 13 46.7 +1.0

MOTC Monteria, Cord 17.88 106 eP Pn 19 13 43.6 -2.2

656A Willston 17.92 31 P P 19 13 46.7 +0.2

245A Lutz, Sta 17.93 9 P P 19 13 47.5 +0.9

LTX Lajitas 17.94 329 eP P 19 13 47.2 +0.4

LTX Lajitas 17.94 329 eP P 19 13 47.2 +0.4

TXAR Lajitas Array 17.94 329 eP P 19 13 47.2 +0.4

TXAR comp=Z, 0.4nm, 0.3s, baz=149, slow=13, SNR=81 LR 19 20 54.6

TX31 Lajitas Ar. Si 17.94 329 eP Pn 19 13 48.2 +1.4

554A Perry 17.97 27 P P 19 13 47.2 +0.2

VBMS Vicksburg 18.04 7 P P 19 13 48.7 +1.0

VBMS Vicksburg 18.04 7 eP Pn 19 13 48.6 +0.9

452A Marianna 18.04 22 P P 19 13 48.3 +0.6

246A Jackson Lee, B 18.04 11 P P 19 13 48.8 +1.0

GTBY Guantanamo Bay 18.05 69 eP Pn 19 13 47.7 +0.1

WHXX Lake Whitney, 18.11 348 P P 19 13 49.9 +1.4

WHXX Lake Whitney, 18.11 348 eP Pn 19 13 49.0 +0.5

WHXX 18.17 19 P Pn 19 13 09.6 0.0

350A Dozier 18.17 19 P Pn 19 13 49.6 +0.5

247A 18.18 12 P P 19 13 49.9 +0.6

Q42A Golden Eagle baz=182,SNR=16 baz=185,SNR=7.5	24.67	5	P	P	19 14 57.2	0.0	N36A Muff Farm, Cla baz=175	26.52	357	P	P	19 15 13.7	-0.2	PCRV Puerto La Cruz comp=Z,9.0nm,0.6s,baz=258,slow=2.3,SNR=5.7	28.06	95	P	P	19 15 27.8	-0.2
Q39A Willow Grove F baz=181,SNR=9.9	24.70	0	P	P	19 14 56.6	-0.9	N39A Derby Farms, D baz=151,SNR=12	26.53	1	P	P	19 15 13.1	-0.9	PCRV Garden Prairie comp=Z,3um,19.4s,baz=294,slow=40	28.08	7	P	LR	19 28 18.9	
Q36A Arnold C. Orve baz=174,SNR=13	24.71	356	P	P	19 14 57.2	-0.3	N31F Lafayette baz=192,SNR=5.4	26.55	10	P	P	19 15 13.5	-0.7	L43A Iron Mountain baz=188	28.15	319	P	P	19 15 27.8	-0.1
Q43A New Douglas baz=187,SNR=9.6	24.77	6	P	P	19 14 57.9	-0.2	SFIN Lafayette comp=Z,148nm,1.4s	26.55	10	eP	P	19 15 12.4	-1.7	IRM Iron Mountain baz=129,SNR=30	28.21	320	P	P	19 15 30.2	+1.6
OLIL Olney comp=Z,137nm,0.8s	24.78	9	eP	P	19 14 56.6	-1.5	N40A Murtquake, Sal baz=183,SNR=12	26.57	2	P	P	19 15 13.5	-0.8	NEE2 Needles Airpor baz=188	28.27	315	eP	P	19 15 31.4	+1.3
NCAT North Carolina comp=Z,69nm,0.9s	24.79	26	eP	P	19 14 56.3	-2.0	O47A Sheridan baz=194	26.58	12	P	P	19 15 13.5	-1.0	BAR Barrett comp=Z,40nm,1.5s	28.30	0	P	P	19 15 29.6	-0.2
Q34A Chapman baz=170,SNR=16	24.81	353	P	P	19 14 58.3	-0.1	N35A Taboor baz=174,SNR=11	26.61	356	P	P	19 15 14.6	-0.1	K38A Parkersburg baz=177	28.36	4	P	P	19 15 29.9	-0.1
Q44A Meyer Farm, Va baz=189	24.81	8	P	P	19 14 58.2	-0.3	N42A Yates City baz=186,SNR=5.3	26.61	5	P	P	19 15 13.9	-0.8	K36A Gilmore City baz=177	28.36	4	P	P	19 15 29.9	-0.1
R48A Northridge Ran baz=189	24.88	14	P	P	19 14 57.7	-1.4	N34A Lincoln baz=172	26.66	354	P	P	19 15 15.4	+0.2	K41A Shullsburg baz=163,SNR=9.7	28.37	2	P	P	19 15 30.4	-0.1
Q45A Warren Harvey, baz=191,SNR=10	24.93	9	P	P	19 14 59.2	-0.2	Y14A Wickenburg comp=Z,180nm,1.1s	26.66	321	eP	P	19 15 15.5	+0.1	K39A Otwell baz=182,SNR=12	28.40	3	P	P	19 15 30.0	-0.7
T25A Trinidad baz=153,SNR=132	24.94	338	P	P	19 15 01.7	+1.8	M33A J Bar K, Exete baz=70	26.67	353	P	P	19 15 15.7	+0.4	K37A Coleburg baz=183,SNR=15	28.42	359	P	P	19 15 30.4	-0.5
T25A Trinidad comp=Z,162nm,0.8s	24.94	338	eP	P	19 15 01.4	+1.5	NVC0 Mesa Verde baz=144,SNR=70	26.69	332	eP	P	19 15 17.2	+1.4	K35A Storm Lake baz=175	28.43	357	P	P	19 15 31.1	+0.1
KSU1 Kansas State U baz=177,SNR=9.9	24.95	353	P	P	19 14 59.1	-0.6	MVC0 Mesa Verde comp=Z,93nm,1.6s	26.79	8	P	P	19 15 15.3	-1.1	K34A Le Mars baz=173	28.46	355	P	P	19 15 30.5	-0.8
KSU1 Kansas State U comp=Z,299nm,0.9s	24.95	353	eP	P	19 14 58.7	-1.0	N44A Piper City baz=190	26.79	8	P	P	19 15 15.7	-0.7	K33A Hardington baz=171	28.46	354	P	P	19 15 31.3	+0.1
CNCC Cliffs of the baz=216	24.96	30	P	P	19 14 58.5	-1.4	N43A Stutzman Famil baz=188,SNR=7.7	26.80	7	P	P	19 15 15.7	+0.9	BELC Belle Mtn, Jos comp=Z,148nm,1.4	28.60	317	P	P	19 15 34.6	+1.8
CNCC Cliffs of the comp=Z,110nm,0.8s	24.96	30	eP	P	19 14 58.0	-1.8	WU4Z Wupatki baz=137,SNR=94	26.82	325	eP	P	19 15 18.8	+1.7	K42A Prairie Point, baz=187	28.61	6	P	P	19 15 32.2	-0.3
CNCC Dawn comp=Z,13um,19.0s	25.04	338	eP	LR	19 15 02.3	+1.6	WU4Z Wupatki comp=Z,57nm,1.0s	26.83	339	P	P	19 15 18.7	+1.6	K32A Verdigre baz=150,SNR=10	28.62	352	P	P	19 15 33.5	+0.8
MHTCO State Highway comp=Z,248nm,1.0s	25.14	1	P	P	19 15 00.7	-0.7	Q24A Divide baz=153,SNR=20	26.83	339	eP	P	19 15 18.0	+0.9	JFWS Jewell Farm baz=185,SNR=16	28.67	4	eP	P	19 15 33.0	0.0
P39B Salisbury baz=180,SNR=38	25.17	348	P	P	19 15 02.0	+0.2	Q24A Divide comp=Z,34nm,0.9s	26.83	339	eP	P	19 15 16.9	-0.7	JFWS Jewell Farm comp=Z,60nm,0.9s	28.67	4	eP	P	19 15 32.3	-0.8
CBKS Cedar Bluff baz=164,SNR=20	25.17	348	eP	P	19 15 01.4	-0.3	N45A Kentland baz=191	26.94	9	P	P	19 15 16.1	-1.8	JFWS Jewell Farm comp=Z,3um,20.0s	28.67	4	eP	P	19 15 32.3	-0.8
CBKS Cedar Bluff comp=Z,175nm,0.9s	25.17	348	eP	P	19 15 01.4	-0.3	JSRW J. Sargeant Re Trindle Farm, baz=177,SNR=9.5	26.97	27	eP	P	19 15 18.6	-0.2	JFWS Jewell Farm comp=Z,60nm,0.9s	28.67	4	eP	P	19 15 32.3	-0.8
CBKS Cedar Bluff comp=Z,175nm,0.9s	25.17	348	eP	P	19 15 01.4	-0.3	M38A Pleasantville baz=179,SNR=26	27.07	360	P	P	19 15 18.1	-0.8	JFWS Jewell Farm comp=Z,60nm,0.9s	28.67	4	eP	P	19 15 32.3	-0.8
CBKS Cedar Bluff comp=Z,2um,21.0s	25.17	348	eP	MLR	19 15 01.4	-0.3	IP07 Quail comp=Z,55nm,0.9s	27.09	27	eP	P	19 15 17.5	-1.5	JFWS Jewell Farm comp=Z,3um,20.0s	28.67	4	eP	MLR	19 15 32.3	-0.8
CBKS Cedar Bluff comp=Z,175nm,0.9s	25.17	348	eP	MLR	19 15 01.4	-0.3	M40A Post Highland baz=183,SNR=18	27.09	3	P	P	19 15 18.2	-0.8	XPFO Pison Flat comp=Z,21nm,1.0s	28.67	316	eP	P	19 15 35.1	+1.7
CBKS Cedar Bluff comp=Z,175nm,0.9s	25.17	348	eP	LR	19 15 01.4	-0.3	N46A Monticello baz=193	27.11	11	P	P	19 15 18.2	-1.0	PFO Pinyon Flats O baz=126,SNR=7.2	28.67	316	eP	P	19 15 35.2	+1.8
CBKS Cedar Bluff comp=Z,2um,21.0s	25.20	2	P	P	19 15 00.8	-1.1	M41A Milan baz=185,SNR=13	27.11	4	P	P	19 15 18.3	-0.9	PFO Pinyon Flats O comp=Z,22nm,1.1s	28.67	316	eP	P	19 15 35.2	+1.8
P40A Paris baz=182,SNR=50	25.20	2	P	P	19 15 00.8	-1.1	IP06 Yanceyville comp=Z,68nm,1.0s	27.12	27	eP	P	19 15 17.9	-1.4	K31A O'Neill baz=168	28.70	351	P	P	19 15 34.1	+0.6
214A Organ Pipe Nat baz=129,SNR=35	25.24	318	P	P	19 15 03.9	+1.5	IP05 Hopewell Church comp=Z,66nm,1.0s	27.13	27	eP	P	19 15 17.8	-1.6	LDFC Landfair comp=Z,98nm,1.1s	28.71	320	eP	P	19 15 36.9	+3.1
P37A Lathrop baz=176,SNR=29	25.27	358	P	P	19 15 02.2	-0.3	M39A Webster baz=181,SNR=21	27.14	1	P	P	19 15 18.6	-0.9	PKCU Pink Cliffs comp=Z,59nm,1.3s	28.73	327	eP	P	19 15 37.6	+3.2
Q47A Bedord North L baz=194	25.28	12	P	P	19 15 02.9	+0.2	M36A Felix, Anita baz=176	27.15	357	P	P	19 15 18.8	-0.7	N23A Red Feather La baz=183,SNR=15	28.83	339	eP	P	19 15 36.4	+1.5
P38A Dawn baz=178,SNR=22	25.28	359	P	P	19 15 02.9	+0.2	IP01 Cuckoo comp=Z,11nm,1.0s	27.17	27	eP	P	19 15 18.3	-1.5	N23A Red Feather La comp=Z,55nm,0.9s	28.83	339	eP	P	19 15 36.2	+1.3
X18A Snowflake comp=Z,87nm,1.0s	25.31	326	eP	P	19 15 04.7	+1.4	IP03 Louisa comp=Z,42nm,1.0s	27.18	27	eP	P	19 15 18.4	-1.5	SDMD Soldier's Deli comp=Z,51nm,1.3s	28.84	27	eP	P	19 15 33.1	-1.5
P35A Duane Milmer, baz=173,SNR=49	25.32	355	P	P	19 15 02.4	-0.6	M35A Neola baz=174	27.21	356	P	P	19 15 20.2	+0.1	O56A Blue Knob Stat baz=210	28.86	23	P	P	19 15 34.4	-0.5
P36A Good Intent, A baz=174,SNR=20	25.35	356	P	P	19 15 02.5	-0.7	SPRD Spring Road, M comp=Z,43nm,1.0s	27.24	27	eP	P	19 15 19.0	-1.4	GMRC Granite Mounta baz=129,SNR=22	28.87	319	P	P	19 15 36.3	+1.1
P42A Winchester baz=186,SNR=14	25.35	5	P	P	19 15 02.3	-1.0	GLA Glamis baz=128,SNR=9.3	27.25	317	P	P	19 15 22.1	+1.5	LCMT Little Creek M comp=Z,39nm,1.1s	28.95	325	eP	P	19 15 38.0	+2.1
P41A Barry, Barry baz=184,SNR=10.0	25.39	4	P	P	19 15 02.9	-0.7	GLA Glamis comp=Z,93nm,1.4s	27.25	317	eP	P	19 15 22.6	+2.0	N54A Moraine State baz=206	28.95	21	P	P	19 15 35.4	+1.8
P44A Walnut Farm, R baz=171,SNR=7.6	25.42	353	P	P	19 15 03.4	-0.6	M42A Sheffind baz=186	27.26	5	P	P	19 15 20.4	-0.1	J37A Redenius Farm, baz=178	28.96	359	P	P	19 15 35.6	-0.1
P43A Sand Creek, WI baz=189,SNR=5.5	25.42	8	P	P	19 15 03.8	-0.1	STVI Saint Thomas comp=Z,50nm,1.0s	27.27	78	eP	P	19 15 20.2	-0.7	J38A Wedel Dairy, R baz=181	28.97	1	P	P	19 15 36.7	+0.9
P44A Skaggs, Pawnee baz=187,SNR=7.4	25.48	6	P	P	19 15 04.2	-0.3	M43A Waltham Townsh baz=188,SNR=18	27.32	7	P	P	19 15 20.9	-0.2	J36A Seneca 1, Swea baz=177	29.00	358	P	P	19 15 35.6	-0.4
BLO Bloomington comp=Z,93nm,1.0s	25.48	12	eP	P	19 15 03.3	-1.2	M34A Aspy Farms, Fr baz=172	27.32	354	P	P	19 15 21.6	+0.5	J39A Decorah baz=182,SNR=7.5	29.01	2	P	P	19 15 35.2	-0.9
BLO Bloomington comp=Z,93nm,1.0s	25.48	12	eP	P	19 15 03.3	-1.2	ACSO Alum Creek Sta baz=201	27.35	17	P	P	19 15 21.3	0.0	O20A White River Ci baz=148,SNR=34	29.02	336	P	P	19 15 38.2	+1.7
BLA Blackburg baz=209	25.49	24	P	P	19 15 04.3	-0.4	ACSO Alum Creek Sta comp=Z,88nm,0.9s	27.35	17	eP	P	19 15 20.2	-1.2	O20A White River Ci comp=Z,64nm,1.0s	29.02	336	eP	P	19 15 38.4	+1.9
BLA Blackburg comp=Z,110nm,1.1s	25.49	24	eP	P	19 15 04.3	-0.4	ACSO Alum Creek Sta comp=Z,4um,19.0s	27.35	17	eP	LR	19 15 20.2	-1.2	PHWY Pilot Hill comp=Z,54nm,1.2s	29.03	341	eP	P	19 15 38.4	+1.9
BLA Blackburg comp=Z,9um,19.0s	25.49	24	eP	MLR	19 15 04.3	-0.4	M44A Midewin, Midew baz=190	27.39	8	P	P	19 15 21.1	-0.6	J34A George baz=174	29.04	356	P	P	19 15 38.0	+1.3
BLA Blackburg comp=Z,110nm,1.1s	25.49	24	eP	MLR	19 15 04.3	-0.4	BGNE Belgrade baz=190	27.42	352	P	P	19 15 22.5	+0.5	J40A Soldiers Grove baz=184	29.11	3	P	P	19 15 36.7	-0.4
BLA Blackburg comp=Z,9um,19.0s	25.61	10	P	P	19 15 04.6	-1.0	BGNE Belgrade comp=Z,92nm,0.9s	27.42	352	eP	P	19 15 22.3	+0.3	J41A Loganville baz=186	29.13	5	P	P	19 15 37.0	-0.2
P45A Graceland, Par baz=191	25.64	327	P	P	19 15 08.0	+1.8	M33A Taylor Creek F baz=171,SNR=7.7	27.48	353	P	P	19 15 23.2	+0.9	MTRU Mount Pierson comp=Z,1nm,1.4s	29.14	328	eP	P	19 15 40.1	+2.3
W18A Petrified Fore baz=140,SNR=18	25.64	327	P	P	19 15 07.8	+1.5	SPFD Spotsylvania F comp=Z,66nm,1.3s	27.49	27	eP	P	19 15 24.9	+2.0	SRU San Rafael Swe comp=Z,44nm,1.3s	29.16	331	eP	P	19 15 39.1	+1.3
W18A Petrified Fore comp=Z,76nm,1.2s	25.64	327	eP	P	19 15 07.8	+1.5	Y12C Blythe baz=129,SNR=7.5	27.49	319	P	P	19 15 24.8	+2.1	SRU San Rafael Swe comp=Z,44nm,1.3s	29.16	331	eP	P	19 15 39.1	+1.3
VWOC Virginia Weste baz=175,SNR=6.7																				

20d 19h

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like I43A Langenfeld Bro, I41A Arkdale, BFSC Mount Baldy Ra, etc.

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Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like GLMI Grayling, GRAC Grapevine Rang, MEDO Medina, etc.

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Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like MOOV Monarch PMPB, FXWY Fox Creek, FXWY Ryan, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like LCCM Lewis and Clar, DGMT Dagmar, TRQ Mont Tremblant, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like PB11 IPOC Station P, FFC Fin Flon, E03A Lebam, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like SPU Mount Spurr, KTH Kantihsna Hill, BPAW Bear Paw Mtn, etc.

20d 19h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like EKA, KBS, ROSE, etc.

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

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

Table with columns: Code, Station Name, Az, El, P, PK, etc. Includes stations like ANTO, ANKARA, HNR, HONIARA, KIV, KISLOVODSK, CSS, MATSUIRO, etc.

Table with columns: Code, Station Name, Az, El, P, PK, etc. Includes stations like KSH, KSH, KSH, CASEY, STKA, STKA, STKA, etc.

Table with columns: Code, Station Name, Az, El, P, PK, etc. Includes stations like BLJI, GUMUKMAS, GRJI, PAGERWOJO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KURK Kurchatov, KURBB Kurchatov Arra, ILAR Eielson Array, etc.

CSEM 20 19:31:22.8:0.2, 38.67N:43.02E, h10km, MD2.6, Error ellipse: s-maj=4.3km s-min=3.8km az=143.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ADCV BITLIS_Adilcev, VANB Van, GEVA Gevas, etc.

MAN 20 19:37:33, 10.17N:123.36E, h31km, mb3.9, ML2.6, MS2.1, 1C, Cebu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LLP Lapu-Lapu, SNPH Sibulan, GUIM Jordan, etc.

MEX 20 19:39:42.6:0.8, 14.03N:93.17W, h16km, 218km, MD3.8, Near coast of Chiapas

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

ISC 20 19:55:36.5:5.0, 14.06N:92.85W, h0km, mb3.7/2, mb1 3.9/4, mb1mx3.5/6.0, mbtmp3.5/4, ML3.4/2, Error ellipse: s-maj=149.9km s-min=57.9km az=44.0

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

0.9nm, 0.7s, baz=151, slow=7.5, SNR=13
IDC 20 02:44.6:2.9, 43.17N:105.17W, h0km, mb2.6/1, mb1 3.7/3, mb1mx3.3/6.4, mbtmp3.4/3, ML3.7/2, Error ellipse: s-maj=56.3km s-min=9.0km az=157.0

NEIC 20 02:45.9:0.7, 43.48N:105.11W, h0km, ML2.9, Error ellipse: s-maj=10.7km s-min=6.9km az=153.0, Suspected thinning explosion.
NEIC 93 km (152 miles) NNE of Douglas.
ISCJB 20 02:46.0:6.0, 43.68N:107.105:21W:0.08, h0km, Error ellipse: s-maj=10.2km s-min=7.2km az=149.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RSSD Black Hills, K2ZA Casper, LAO Laska Array, etc.

IDC 20 09:07.2:5.5, 35.67N:142.51E, h0km, mb3.3/3, mb1 3.4/5, mb1mx3.2/6.2, mbtmp3.4/5, ML3.0/2, Error ellipse: s-maj=96.2km s-min=41.6km az=101.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JHO Chosi, CHJO Hitachi, ONAJ Wakamizuishiy, etc.

MEX 20 20:29:42.1:0.8, 14.00N:93.31W, h13km, 184km, MD4.0, IDC 20 20:29:44.4:6.0, 14.71N:92.68W, h0km, mb3.4/2, mb1 3.8/4, mb1mx3.5/6.6, mbtmp3.4/4, ML3.1/1, MS3.7/2, Ms1 3.7/2, ms1mx2.8/3.4, Error ellipse: s-maj=162.9km s-min=53.5km az=32.0

ISC 20 20:29:45.2:2.3, 14.33N:92.932W:0.1, h10km, n9, c2452/14, Near coast of Chiapas

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

ISCJB 20 02:48.4:1.0, 13.93N:0.1x93.3W:0.1, h22km, mb4.0/11, MS3.5/3, Error ellipse: s-maj=19.6km s-min=10.8km

MEX 20 02:50.6:1.1, 13.93N:93.26W, h16km, 999km, MD4.1, NEIC 20 02:50.6:0.0, 13.95N:93.26W, h16km, MD4.1 (MEX), After MEX.

IDC 20 02:42:52.7:1.7, 14.92N:92.40W, h0km, mb4.0/11, mb1 4.2/13, mb1mx4.0/49, mbtmp4.0/13, ML3.6/1, MS3.5/3, Ms1 3.5/3, ms1mx2.9/48, Error ellipse: s-maj=60.1km s-min=18.1km az=37.0

ISC 20 02:42:51.3:0.9, 14.00N:0.1x93.27W:0.08, h22km, n27, c2472/25, mb4.0/11, MS3.5/3, Off coast of Chiapas

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FINES, TORC Torodi Arr, BOSA Boshof, etc.

DDA 20 02:46:03.0, 39.05N:38.52E, h7km, ML2.6, ISK 20 02:46:02.4, 39.04N:38.52E, h4km, ML2.2/2/4, ISCJB 20 02:46:03.0, 39.04N:0.02:38.56E:0.03, h7km, 5km, Error ellipse: s-maj=3.2km s-min=3.4km az=168.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KEMA Kemaliye, ILIC ilic-Erzincan, HEKM Malatya Hekimh, etc.

IDC 20 04:02:46.8:0.9, 39.06N:0.02:38.57E:0.02, h15km, 7km, n24, c054/46, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MALT Malatya, TUNCL Tunceli-Merketz, CUKAN kangal_SIVAS, etc.

MAN 20 20:52:10, 10.12N:122.83E, h27km, mb3.5, ML2.2, MS1.7, 1D, Panay

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUIM Jordan, SNPH Sibulan, MSLP Maasin, etc.

BJI 20 20:50:02.7, 4.97S:152.05E, h177km, mb4.8/63, mb4.9/34, MOS 20 20:50:06.4, 1.0, 4.66S:151.39E, h170km, mb5.0/34, Error ellipse: s-maj=8.9km s-min=3.5km az=101.5

ISCJB 20 20:50:07.7:0.6, 4.79S:0.02:151.36E:0.03, h185km, 5km, mb4.9/156, Error ellipse: s-maj=4.2km s-min=3.6km az=153.3

NEIC 20 20:50:08.0:0.1, 4.79S:151.40E, mb5.0/93, Error ellipse: s-maj=3.7km s-min=3.2km az=85.0

GCMT 20 20:50:08.0:0.3, 4.83S:151.47E, h188km, 2km, MW5.0/88, Moment Tensor Solution, s29,c34; s88,c127; Duration: 0 / Moment tensor: Scale 1029km; Mr=2.46; 13; Mw=0.82; 17; Mw1.62; 18; Mw2.35; 11; Mw3.0; 12; 16; Ms=2.62; 12; Best double couple: Md4.02000; 1016; NP1=38.00000; 875.00000; 1.85.00000; NP2: 0=197.00000; 816.00000; 1.10.00000; Principal axes: Azm316.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

IDC 20 20:50:08.0:0.6, 4.79S:151.44E, h182km, 5km, mb4.4/29, mb1 4.5/33, mb1mx4.4/55, mbtmp4.9/33, MS3.6/3, Ms1 3.6/3, ms1mx3.0/44, Error ellipse: s-maj=10.5km s-min=7.3km az=89.0

DJA 20 20:52:1.9, 1.0, 5.5:151.1E, h214km, 8km, M4.8/49, mb5.0/49, mb5.3/16, Mw(18)4.7/16, ISC 20 20:50:08.0:1.0, 4.79S:0.04:151.46E:0.05, h182km, 9km, h182km, p-P, n531, c120/585, mb4.9/153, 21C-20D, New Britain region

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

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GUMO	Guam	19.39 340	eP	P	21 03 21.8 +1.4
QIS	Mount Isa	19.45 215	P	P	21 03 21.6 +0.6
SAUI	Saumilaki	20.28 260	eP	P	21 03 31.9 +2.0
EIDS	Eidsvold	20.46 181	P	P	21 03 32.6 +0.8
EIDS	Eidsvold	20.46 181	eP	P	21 03 32.0 +0.2
SWI	Sorong	20.54 280	P	P	21 03 33.3 +0.5
SWI	Sorong	20.54 280	P	P	21 03 33.3 +0.5
PALU	Palau	20.80 305	P	P	21 03 36.2 +0.8
MTN	Manton Dam	21.60 247	eP	P	21 03 43.3 -0.7
MTN	Manton Dam	21.60 247	eP	P	21 03 42.7 -1.3
MTN	Roma	21.78 347	eS	S	21 07 30.3 -1.2
ARM	Sarigan	22.03 185	eP	P	21 03 48.3 -0.4
WRAB	Tennant Creek	22.45 226	iP	P	21 03 52.0 -0.3
WRAB	Tennant Creek	22.45 226	eP	P	21 03 51.4 -0.8
WR1	Warramunga Arr	22.46 226	eP	P	21 03 51.9 -0.5
WR1	Warramunga Arr	22.46 226	eP	P	21 11 01.5 +0.6
WRA	Warramunga Arr	22.46 226	eP	P	21 03 51.9 -0.5
WRA	Warramunga Arr	22.46 226	eP	P	21 07 40.5 -4.8
WRA	Warramunga Arr	22.46 226	eP	P	21 11 01.5 +0.6
WRA	Warramunga Arr	22.46 226	eP	P	21 13 54.8
WRA	Warramunga Arr	22.46 226	eP	P	21 03 50.7 -1.7
DZM	Mont Dzumac	22.49 141	eP	P	21 03 53.0 +0.3
DZM	Mont Dzumac	22.49 141	eP	P	21 03 55.2 -0.2
QLP	Quilpie	22.74 197	P	P	21 03 52.4 +0.6
AAI	Ambon	23.22 272	P	P	21 04 01.0 +1.7
AAI	Ambon	23.22 272	P	P	21 04 01.5 +2.2
LBMI	Labuha	24.28 279	P	P	21 04 10.1 +1.2
TNTI	Ternate	24.69 282	eP	P	21 04 10.1 +0.4
KNRA	Kunururra	24.78 242	P	P	21 04 13.2 -0.3
AS01	Alice Springs	25.24 220	eP	P	21 04 17.1 -0.5
AS31	Alice Springs	25.24 220	eP	P	21 04 17.6 -0.2
ASAR	Alice Springs	25.27 220	eP	P	21 04 17.8 -0.1
ASAR	Alice Springs	25.27 220	eP	P	21 07 46.9 +0.6
ASAR	Alice Springs	25.27 220	eP	P	21 08 27.2 -3.0
ASAR	Alice Springs	25.27 220	eP	P	21 11 09.6 +1.1
ARMA	Armidale	25.49 180	P	P	21 04 20.8 +0.9
ARMA	Armidale	25.49 180	eP	P	21 04 20.8 +0.7
SANI	Sanana	25.57 275	P	P	21 04 20.6 0.0
CMSA	Cobar Meteorol	25.71 191	P	P	21 04 34.8 +0.2
SOEI	Soe	27.41 258	eP	P	21 04 37.2 0.0
KMSI	Cibinong	27.96 200	P	P	21 04 42.9 +0.9
BATI	Baumata	28.06 257	P	P	21 04 44.3 +1.3
STKA	Stevens Creek	28.49 198	eP	P	21 04 46.7 +0.2
STKA	Stevens Creek	28.49 198	eP	P	21 07 53.1 -0.6
STKA	Stevens Creek	28.49 198	eP	P	21 11 20.2 +2.3
STKA	Stevens Creek	28.49 198	eP	P	21 04 46.7 +0.2
STKA	Stevens Creek	28.49 198	eP	P	21 04 46.1 -0.4
STKA	Stevens Creek	28.49 198	eP	P	21 04 46.1 -0.4
STKA	Stevens Creek	28.49 198	eP	P	21 11 20.2 +2.3
FITZ	Fitzroy Crossi	28.49 240	eP	P	21 04 45.8 -0.8
FITZ	Fitzroy Crossi	28.49 240	eP	P	21 04 45.6 -1.1
FITZ	Fitzroy Crossi	28.49 240	eP	P	21 04 45.5 -1.2
LWUI	Luwui	28.88 277	P	P	21 04 55.1 +4.9
MMRI	Maumere	29.26 261	eP	P	21 04 53.6 +0.1
MRSI	Marisa	29.94 279	P	P	21 04 58.3 -1.3
WRKA	Warakurna	30.00 226	P	P	21 05 04.8 +0.8
APSI	Ampna	30.01 276	P	P	21 05 04.8 +0.8
CAN	Canberra	30.47 184	eP	P	21 05 04.8 +0.8
CAN	Canberra	30.47 184	eP	P	21 05 04.8 +0.8
HTT	Hallett	30.80 201	P	P	21 05 07.1 +0.2
BBOO	Buckleboo	31.37 205	P	P	21 05 11.5 -0.3
BBOO	Buckleboo	31.37 205	eP	P	21 05 11.3 -0.5
MPSI	Mapaga	31.93 278	P	P	21 05 14.4 -2.6
WBSI	Waikabubak, Su	32.16 260	P	P	21 05 17.0 -2.1
ARPS	Mount Arapiles	33.03 194	P	P	21 05 26.9 +0.7
TOO	Toolangi	33.08 189	P	P	21 05 27.3 +0.6
PLAI	Plampang	33.67 261	P	P	21 05 29.2 -2.9
FORT	Forrest	33.96 218	eP	P	21 05 34.1 -0.4
FORT	Forrest	33.96 218	eP	P	21 05 33.8 -0.6
FORT	Forrest	33.96 218	eP	P	21 10 44.8 -1.1
MYLDM	Lahad Datu	34.37 286	eP	P	21 05 39.6 +1.5
TSM	Tawau	34.74 285	iP	P	21 05 41.9 +0.5
MBWA	Marble Bar	34.82 239	eP	P	21 05 41.0 -0.9
TGY	Tagaytay City	35.62 302	P	P	21 05 49.6 +0.7
SDKM	Sandakan	35.75 286	iP	P	21 05 52.1 +2.0
KDM	Kudat	36.46 288	iP	P	21 05 52.7 +1.7
OZU	Omahuta	36.54 149	eP	P	21 05 58.2 +1.8
KKM	Kota Kinabalu	36.80 287	iP	P	21 06 00.2 +1.3
KKM	Kota Kinabalu	36.80 287	iP	P	21 05 59.0 0.0
JAGI	Jajag, Banyuwu	37.22 282	eP	P	21 06 01.7 -0.7
TAU	Tasmania Unive	38.14 185	eP	P	21 06 10.7 +1.0
TAU	Tasmania Unive	38.14 185	eP	P	21 06 10.7 +1.0
MEEK	Meekatharra	38.15 232	P	P	21 06 09.7 -0.4
KMBL	Kambalda	38.54 223	P	P	21 06 10.8 -0.8
JOW	Kunigami	38.62 326	eP	P	21 06 15.4 +1.5
BTM	Bintulu	39.15 281	iP	P	21 06 20.3 +1.7
PWJI	Pagerwojo	39.52 263	P	P	21 06 19.6 -2.0
HIZ	Haiti	39.74 151	eP	P	21 06 25.4 +2.3
HIZ	Haiti	39.74 151	eP	P	21 06 25.3 +2.2
PBKI	Pangkalan Bun	39.75 272	P	P	21 06 25.4 +1.9
GIRL	Giralala	40.10 240	P	P	21 06 26.5 +0.2

PCJI	Pacitan	40.15 263	P	P	21 06 25.2 -1.6
YOJ	Yonaguni jima	40.15 318	eP	P	21 06 28.6 +2.0
YOJ	Yonaguni jima	40.15 318	eP	P	21 06 28.6 +2.0
STKI	Sintang	40.22 276	P	P	21 06 29.8 +2.4
WHZR	Whale Island	40.31 148	P	P	21 06 30.6 +8.2
QRZ	Quartz Range	40.56 155	eP	P	21 06 31.5 +1.7
YULB	Yu-Il	40.63 315	eP	P	21 06 31.2 +0.6
FWWZ	Far West T-bar	40.66 151	P	P	21 06 33.1 +2.2
URZ	Urewera	40.68 148	P	P	21 06 30.5 -0.3
URZ	Urewera	40.68 148	P	P	21 06 31.8 +1.0
UGM	Wananga	40.73 263	eP	P	21 06 32.5 +0.4
RTZ	Ruatahuna	40.88 149	P	P	21 06 34.5 +2.0
PKGZ	Pakhiroa	40.92 147	P	P	21 06 36.0 +3.1
NACB	Niangaichao	40.92 316	eP	P	21 06 34.2 +1.3
MWZ	Matawai	40.96 148	P	P	21 06 35.1 +2.0
MTHZ	Maungataniwha	40.99 149	P	P	21 06 34.7 +1.3
TPUB	Ta-pu	41.05 314	eP	P	21 06 34.4 +0.4
BKZ	Black Stump Firm	41.05 150	eP	P	21 06 34.5 +0.5
BKZ	Black Stump Firm	41.05 150	eP	P	21 06 34.9 +1.0
BHHz	Black Hill Sta	41.09 151	P	P	21 06 35.4 +1.1
SSLB	Sarangani	41.12 315	eP	P	21 06 35.4 +0.7
SNZG	Shannon Statio	41.19 149	P	P	21 06 36.2 +1.2
KWHz	Kaweka Forest	41.22 150	P	P	21 06 36.5 +1.2
NRZ	Nelson	41.25 155	P	P	21 06 35.6 +0.3
MORW	Morawa	41.32 230	P	P	21 06 35.4 -0.8
KLBR	Kellerberrin	41.34 226	P	P	21 06 35.3 -1.1
KRHZ	Kereru	41.36 151	P	P	21 06 37.4 +1.0
YHNB	Yeheng	41.40 316	eP	P	21 06 38.1 +1.2
TSZ	Takapari Road	41.48 151	P	P	21 06 38.3 +0.9
THZ	Topouse	41.50 156	eP	P	21 06 38.0 +0.4
TATO	Taipei	41.52 317	eP	P	21 06 39.2 +1.4
BLDU	Ballidu	41.59 228	P	P	21 06 37.4 -0.9
FOZ	Fox Glacier	41.86 160	eP	P	21 06 41.7 +1.4
SOZ	South Karori	41.90 154	eP	P	21 06 41.6 +0.9
Ltz	Lake Taylor	42.10 157	eP	P	21 06 43.4 +1.0
BFZ	Birch Farm	42.11 152	eP	P	21 06 42.7 +0.4
INU	Inuyama	42.17 342	eP	P	21 06 42.3 -0.7
KHZ	Kahutara	42.30 156	eP	P	21 06 43.9 0.0
KPJJI	Karang Pucung	42.35 264	P	P	21 06 44.9 +0.2
NWAO	Narrogin (SRO)	42.45 224	eP	P	21 06 44.5 -0.8
NWAO	Narrogin (SRO)	42.45 224	eP	P	21 06 44.2 -1.1
NWAO	Narrogin (SRO)	42.45 224	eP	P	21 06 44.2 -1.1
RPZ	Rata Peaks	42.45 159	P	P	21 06 44.9 -0.2
JNU	Nakatsue	42.45 334	eP	P	21 06 46.2 +0.9
OXZ	Oxford	42.48 158	eP	P	21 06 45.8 +0.4
MUN	Mundaring	42.66 226	P	P	21 06 46.5 -0.5
MJAR	Matushiro Arr	42.94 344	P	P	21 06 47.9 -1.3
MJAR	Matushiro Arr	42.94 344	P	P	21 06 47.9 -1.3
MAJO	Matushiro	42.95 344	iP	P	21 06 48.4 -0.8
MAJO	Matushiro	42.95 344	iP	P	21 06 48.4 -0.8
MAJO	Matushiro	42.95 344	iP	P	21 06 48.2 -0.9
MAT	Matushiro	42.95 344	eS	S	21 06 47.2 -2.0
MJB	Matus-Tunnel	42.95 344	eS	S	21 06 47.9 -1.3
CISI	Cisompot, Garu	43.46 264	P	P	21 06 52.5 -1.3
CISI	Cisompot, Garu	43.46 264	P	P	21 06 52.1 -1.7
OZH	Quanzhou	43.52 314	iP	P	21 06 55.5 +1.5
OZH	Quanzhou	43.52 314	iP	P	21 06 55.5 +1.5
RKGY	Rocky Gully	43.57 223	P	P	21 06 54.2 -0.1
CGJI	Cibinong	45.56 265	P	P	21 07 08.5 -1.8
TJN	Taejon	46.75 333	iP	P	21 07 19.9 +0.7
KASI	Kota Agung	46.77 267	P	P	21 07 17.1 -2.6
MDSI	Maura Dua	47.12 258	P	P	21 07 21.3 -1.1
ERM	Ermo	47.19 332	iP	P	21 07 22.5 0.0
ERM	Ermo	47.19 332	iP	P	21 08 01.9 0.0
ERM	Ermo	47.19 332	iP	P	21 08 20.0 0.0
ERM	Ermo	47.19 332	iP	P	21 08 50.4 0.0
TPRI	Tanjung Pinang	47.22 276	P	P	21 07 24.2 +0.9
KSRs	Korea Array	47.40 334	P	P	21 07 24.4 +0.2
KSRs	Korea Array	47.40 334	P	P	21 07 24.4 +0.2
KSRs	Korea Array	47.40 334	P	P	21 08 53.5 +1.7
KS15	Wonju Array Si	47.41 334	eP	P	21 07 24.4 +0.2
KS15	Wonju Array Be	47.41 334	eP	P	21 08 53.5 +1.6
KSAR	Wonju Array Be	47.41 334	P	P	21 07 24.4 +0.2
KSAR	Wonju Array Be	47.41 334	P	P	21 08 53.5 +1.6
KS01	Wonju Array Si	47.43 334	eP	P	21 07 24.7 +0.3
KS01	Wonju Array Si	47.43 334	eP	P	21 08 53.6 +1.7
INCN	Inchon	47.99 333	eP	P	21 07 29.5 +0.7
INCN	Inchon	47.99 333	eP	P	21 07 30.6 +1.8
INCN	Inchon	47.99 333	eP	P	21 07 30.6 +1.8
NJ2	Nanjing	48.00 322	eP	P	21 07 30.8 +1.9
MYKOM	Kota Tinggi	48.01 277	eP	P	21 07

Table with columns for station ID, name, coordinates, and performance metrics. Includes stations like PSUT Pine Spring, WUAZ Wupatki, WUAZ Wupatki, etc.

Table with columns for station ID, name, coordinates, and performance metrics. Includes stations like K22A Casper, DAWY Dawson, MAW Dawson, etc.

Table with columns for station ID, name, coordinates, and performance metrics. Includes stations like L38A Oak Wood Farm, A32A Rocking H Ranch, 542A Caledonia, etc.

21d 2h

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Table with columns: MEM, S, Sb, 02 35 25.7 +0.8, MEZF, 12nm,0.2s,baz=32,SNR=1.0, eSg, Sb, 02 36 12.8 +4.0, KBA, comp=Z,0.3nm,0.1s, Sn, Sn, 02 37 14.2 +1.6

Table with columns: MEZF, Maizieres J'vi, 2.41 219, ePn, Pn, 02 35 34.6 -0.6, KBA, Koelnbreinsper, 5.17 128, i Pn, Pn, 02 36 16.2 +2.9

Table with columns: KBA, comp=Z,0.3nm,0.1s, Sn, Sn, 02 37 14.2 +1.6, KRSC 21 02:53:10.9-1.3, 55:79N:163:58E, h16km,23km, ML 4.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like PETK, KRMR, RUS, MTRV, etc.

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

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

JMA 21 02:56:49.5, 35.87N-140.50E, h35km, 1km, M2.6, Near east coast of eastern Honshu

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

ISC 21 03:07:20.6, 1.7, 28.71N-63.41E, h0km, mb3.9/3, mb1 4.0/4, mb1mx3.6/3, mbtmp3.9/4, ML3.1/1, Error ellipse: s-maj=45.7km s-min=31.4km az=70.0, Southern Iran

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

ISC 21 03:11:41.1, 0.8, 6.47S-131.04E, h0km, mb4.1/7, mb1 4.5/11, mb1mx4.1/48, mbtmp4.4/11, ML4.8/4, Error ellipse: s-maj=38.7km s-min=16.3km az=71.0

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

ISC 21 03:11:49.9, 0.3, 6.90S, 0.02x130.71E, 0.05, h100km, mb4.3/8, Error ellipse: s-maj=6.5km s-min=3.2km az=165.2

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

NEIC 21 03:11:50.9, 1.2, 6.74S-130.35E, h70km, 14km, mb4.7/6, Error ellipse: s-maj=21.9km s-min=8.6km az=87.0

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

ISC 21 03:11:51.0, 0.6, 6.29S, 0.04x130.80E, 0.06, h100km, n47, 3.04/61, mb4.3/8, Banda Sea

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

ISC 21 03:11:51.0, 0.6, 6.29S, 0.04x130.80E, 0.06, h100km, n47, 3.04/61, mb4.3/8, Banda Sea

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

ISC 21 03:11:51.0, 0.6, 6.29S, 0.04x130.80E, 0.06, h100km, n47, 3.04/61, mb4.3/8, Banda Sea

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

ISC 21 03:11:51.0, 0.6, 6.29S, 0.04x130.80E, 0.06, h100km, n47, 3.04/61, mb4.3/8, Banda Sea

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

21d 4h

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like BBSI, BASI, KMSI, WSI, etc.

2012 FEB

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like FURC, TUQ, SHOC, RYN, etc.

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Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like TRF, SRU, RND, BJI, etc.

Table with columns: PHRA, SNA, N23A, VNA3, KMI, JCT, K22A, K22A, LAMP, PLCA, AMTX, VNA2, VNA1, TOLK, EGMT, CM01, CM01, CHTO, CHTO, ABTX, ABTX, CD2, CD2, CMAI, KSCO, EDM, LAO, LAO, WMOK, WHTX, RSSD, RSSD, U32A, LZH, LZH, LZH, LZH, CBKS, INK, INK, DGMT, DGMT, R34A, Q34A, B35A, S35A, K31A, KSU1, P34A, YKA, SONM, SONM, P35A, T36A, T36A, ECSD, R38A, P37A, S39A, R39A, M37A, P39B, 446A, 446A, P42A, H38A, LPAZ, BLA, MKAR, MKAR, KURK, KURB, KSH, KSH, KSH, KSH, KSH, KSH, BOS, ARCES, KLMR, KLMR, MATP

Table with columns: FINES, FINES, AKASG, EKA, SORM, BURAR, STS, BRTR, ASF, CRVS, VRI, PLOI, CLL, HARR, DPC, DPC, BRG, KRCL, KRLC, LANS, LANS, MORAVSKY, DOPR, ISR, KECS, MLR, MLR, MMLA, SECR, PRU, PRU, GPOC, VOB, DRGR, VRAC, VYHS, VYHS, TREC, KHC, KHC, GERES, BZS, CONA, MOA, MDVR, SOKA, KBA, WATA, RETA, WTTA, MOTA, MYKA, ABTA, DAVA, FETA, KEST, DBIC, TORD, TORD, TORD, MEX 21 05:03:24.10:10N:123.29E, GUERRERO, ACX, ACX, ACX, CAIG, MEIG, MEIG, ARIG, ARIG, MAN 21 05:03:24.10:10N:123.29E, TBP, TBP, LLP, SNPH, SNPH, GUIM, GUIM, MSLP, RCP, RCP, OCLP, OCLP, IDC 21 05:08:07.0:0.17:85S:167.72E, IDC 21 05:08:09.0:0.17:98S:167.72E, NEIC 21 05:08:09.0:0.17:80S:167.76E, IDC 21 05:08:10.9:0.17:94S:167.78E, DZM, DZM, DZM, HNR, HNR, LHI, LHI, EIDS

Table with columns: AFI, CTA, CTAO, PMG, STKA, STKA, WB2, WRI, WRA, WRA, AS31, ASAR, FITZ, PETK, PEA1, QSPA, CMAR, SONA, SONA, NV01, NVAR, ILAR, ILAR, ILB, YKA, IDC 21 05:17:51.5:3.5552N:86.43E, MEX 21 05:20:46.8:0.3:14.74N:93.27W, PCIG, PCIG, TGIG, TGIG, BEO 21 05:20:49.8:0.4:45.37N:23.35E, ISCJB 21 05:20:50.3:0.7:45.30N:0.03:23.36E, CSEM 21 05:20:50.3:0.4:45.33N:23.36E, BUC 21 05:20:52.1:0.4:45.39N:23.37E, ISC 21 05:20:50.7:1.1:45.37N:0.02:23.37E, LOT, LOT, LOT, DEV, DEV, DEV, HERR, HERR, VOIR, VOIR, VOIR, BZS, BZS, BZS, BZS, MDVR, MDVR, MDVR, CJR, CJR, CJR, CJR, DRGR, DRGR, DRGR, DRGR, DRGR, SIRR, SIRR, SIRR, SIRR, DOPR, DOPR, DOPR, DOPR, KUBS, KUBS, ZAGS, ZAGS, ZAPS, ZAPS, PLOH, PLOH, PLOH, PLOH

Table with columns: CTA, Charters Tower, Time, Res, P, S, N, etc. Includes entries like CTA Charters Tower 36.27 268 P, STKA Stephens Creek 39.28 248 P, ASAR Alice Springs 9.7 0.0, WRA Warrungarra Arr 47.21 264 P.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes entries like SHL Shillong 3.86 119 ePn, SHL Shillong 3.86 119 ePn, JBP Jabalpur 8.57 241 iJp, MKR Makanchi Array 19.79 348 P.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes entries like SNA Sanae 15.87 154 Op, GSPA South Pole Qui 31.52 180 P, TOR Torodi Ar. Bea 74.91 27 P, YKA Yellowknife Arr 138.84 315 PKP, ILAR Eielson Array 152.64 307 PKPbc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes entries like I46RU Zalesovo INFRA 0.82 250 P, ZALV Zalesovo Beam 0.82 250 Pg, ZALV 7.1mm, 0.3s, baz=72, slow=30, SNR=25, KURBB Kurchatov Arra 5.88 235 Pn.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes entries like NNA Nana 3.17 209 P, NNA 23mm, 0.3s, baz=22, slow=12, SNR=26, NNA 36mm, 0.3s, baz=222, slow=15, SNR=52, ATAH Atahualpa 3.71 303 P.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes entries like GCUF Volcan Galeras 10.56 349 eP, PLOC Florencia 11.01 358 eP, SOTA Riolobos 11.34 353 eP, SJAC San Juan de Ar 12.46 6 eP.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes entries like ASAR Alice Springs 45.24 253 P, NVAR Mina Array Bea 74.42 44 P, ILAR Eielson Array 77.65 342 P, TXAR Lajitas Array 85.22 58 P.

Table with columns: LBMI Masohi 2.59 106 P, MSAL Masohi 2.59 106 P, WRA Warrungarra Arr 18.85 156 P, ASAR Alice Springs 22.12 100 P, MKAR Makanchi Array 62.66 327 P.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes entries like I5CJ21 07:05:43.3, 0.8, 27.49N, 0109:88.01E, 0.09, h10km, mb3.5/4, Error ellipse: s-maj=14.2km s-min=10.6km az=153.5.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes entries like SNA Sanae 15.87 154 Op, GSPA South Pole Qui 31.52 180 P, TOR Torodi Ar. Bea 74.91 27 P, YKA Yellowknife Arr 138.84 315 PKP.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes entries like I46RU Zalesovo INFRA 0.82 250 P, ZALV Zalesovo Beam 0.82 250 Pg, ZALV 7.1mm, 0.3s, baz=72, slow=30, SNR=25, KURBB Kurchatov Arra 5.88 235 Pn.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes entries like NNA Nana 3.17 209 P, NNA 23mm, 0.3s, baz=22, slow=12, SNR=26, NNA 36mm, 0.3s, baz=222, slow=15, SNR=52.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes entries like GCUF Volcan Galeras 10.56 349 eP, PLOC Florencia 11.01 358 eP, SOTA Riolobos 11.34 353 eP, SJAC San Juan de Ar 12.46 6 eP.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes entries like ASAR Alice Springs 45.24 253 P, NVAR Mina Array Bea 74.42 44 P, ILAR Eielson Array 77.65 342 P, TXAR Lajitas Array 85.22 58 P.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes entries like I5CJ21 07:05:43.3, 0.8, 27.49N, 0109:88.01E, 0.09, h10km, mb3.5/4, Error ellipse: s-maj=14.2km s-min=10.6km az=153.5.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes entries like HNR Honiara 7.83 304 LR, DZM Mont Dzumac 8.08 180 Pn, DZM 0.6mm, 0.3s, baz=77, slow=12, SNR=14.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes entries like I5CJ21 08:29:19.2, 1.5, 24.40S, 179:89E, h505km, 15km, mb3.5/12, mb1 3.7/14, mb1mx3.4/48, mbtmp4.4/14, Error ellipse: s-maj=16.3km s-min=11.0km az=6.0.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes entries like SNA Sanae 15.87 154 Op, GSPA South Pole Qui 31.52 180 P, TOR Torodi Ar. Bea 74.91 27 P, YKA Yellowknife Arr 138.84 315 PKP.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes entries like I46RU Zalesovo INFRA 0.82 250 P, ZALV Zalesovo Beam 0.82 250 Pg, ZALV 7.1mm, 0.3s, baz=72, slow=30, SNR=25, KURBB Kurchatov Arra 5.88 235 Pn.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes entries like NNA Nana 3.17 209 P, NNA 23mm, 0.3s, baz=22, slow=12, SNR=26, NNA 36mm, 0.3s, baz=222, slow=15, SNR=52.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes entries like GCUF Volcan Galeras 10.56 349 eP, PLOC Florencia 11.01 358 eP, SOTA Riolobos 11.34 353 eP, SJAC San Juan de Ar 12.46 6 eP.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes entries like ASAR Alice Springs 45.24 253 P, NVAR Mina Array Bea 74.42 44 P, ILAR Eielson Array 77.65 342 P, TXAR Lajitas Array 85.22 58 P.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes entries like I5CJ21 08:29:19.2, 1.5, 24.40S, 179:89E, h505km, 15km, mb3.5/12, mb1 3.7/14, mb1mx3.4/48, mbtmp4.4/14, Error ellipse: s-maj=16.3km s-min=11.0km az=6.0.

319A	comp=Z,10nm,1.5s	77.97	52	eP	P	09 22 24.3 +1.1
J08A	Circle Bar Ran comp=Z,8.7nm,0.9s	77.98	38	eP	P	09 22 24.5 +1.5
CCUT	Cedar City comp=Z,2.9nm,1.3s	78.03	45	eP	P	09 22 25.0 +0.4
U15A	North Rim comp=Z,2.4nm,1.6s	78.20	46	eP	P	09 22 25.8 +1.3
PSUT	Pine Spring comp=Z,7.7nm,1.1s	78.21	44	eP	P	09 22 25.6 +1.0
SZCU	Shurtz Canyon comp=Z,2.1nm,1.7s	78.24	45	eP	P	09 22 25.5 +0.7
D05A	Enumclaw comp=Z,6.4nm,1.6s	78.36	39	eP	P	09 22 27.5 +2.6
WUAZ	Wupatki comp=Z,6.9nm,0.7s	78.39	48	eP	P	09 22 26.9 +1.4
PKCU	Pink Cliffs comp=Z,1.1nm,1.3s	78.70	46	eP	P	09 22 29.6 +2.3
G08A	Pilot Rock comp=Z,6.9nm,0.7s	78.85	36	eP	P	09 22 29.2 +1.5
HPIG	comp=Z,5.5nm,0.9s	78.88	58	eP	P	09 22 29.1 +0.6
CGJG	Cibinong comp=Z,9.6nm,0.7s	78.95	266	P	P	09 22 28.6 -0.2
SPU	Mount Spurr comp=Z,2.9nm,0.7s	79.03	11	eP	P	09 22 27.4 -0.9
MTPU	Mount Pierson comp=Z,6.5nm,1.8s	79.09	45	eP	P	09 22 31.6 +2.1
E07A	Sunnyside comp=Z,1.5nm,1.4s	79.11	35	eP	P	09 22 29.6 +0.6
NKL	Nikolayevsk comp=Z,2.1nm,1.7s	79.27	334	eP	P	09 22 29.0 -0.6
MSU	Marysvale comp=Z,7.3nm,0.9s	79.33	45	eP	P	09 22 32.3 +1.7
RC01	Rabbit Creek A comp=Z,8.2nm,1.5s	79.37	12	eP	P	09 22 29.3 -0.1
E08A	Dider Farm, El comp=Z,2.0nm,1.6s	79.51	35	eP	P	09 22 32.2 +1.1
SUA	Susitna com,1.6s	79.53	11	eP	P	09 22 30.9 -0.1
BMO	Blue Mountains comp=Z,2.9nm,0.8s	79.54	37	eP	P	09 22 31.8 +0.3
BMO	Blue Mountains comp=Z,1.2nm,1.4s	79.54	37	eP	P	09 22 31.8 +0.3
BMO	Blue Mountains comp=Z,1.2nm,1.4s	79.60	39	eP	P	09 22 32.6 +0.7
MFID	Camas Ranch comp=Z,4.1nm,0.7s	79.63	52	eP	P	09 22 33.6 +1.3
121A	Cookes Peak D comp=Z,6.9nm,0.8s	79.63	52	eP	P	09 22 33.6 +1.3
GAMB	Gambell comp=Z,1.9nm,1.2s	79.68	1	eP	P	09 22 32.4 +0.8
BLSI	Bandar Lampung comp=Z,4.7nm,0.9s	79.70	267	P	P	09 22 32.4 -0.6
PUGI	Panglani comp=Z,7.7nm,0.9s	79.71	271	P	P	09 22 32.9 -0.1
DDSI	Dugway, Toeole comp=Z,7.0nm,1.1s	79.77	43	eP	P	09 22 33.6 +0.8
ZAIG	Zacatecas comp=Z,4.0nm,0.9s	79.82	63	eP	P	09 22 34.9 +1.2
D08A	Wollman farm, comp=Z,1.4nm,1.4s	79.93	35	eP	P	09 22 34.2 +0.8
PMR	Palmer comp=Z,1.8nm,0.9s	79.95	12	eP	P	09 22 33.2 0.0
PMR	Palmer comp=Z,1.8nm,0.9s	79.95	12	eP	P	09 22 33.2 0.0
E09A	Wood Farm, Sta comp=Z,1.3nm,1.3s	80.03	35	eP	P	09 22 35.0 +1.0
NJ2	Nanjing comp=Z,1.1nm,0.6s	80.18	307	eP	P	09 22 33.9 -1.2
Q16A	Castle Valley comp=Z,4.7nm,0.9s	80.21	45	eP	P	09 22 36.0 +0.6
F10A	Beach Ranch, E comp=Z,5.8nm,0.8s	80.23	36	eP	P	09 22 35.4 +0.2
DIV	Divide comp=Z,3.1nm,0.9s	80.24	13	eP	P	09 22 35.0 +0.2
TMUT	Trail Mountaint comp=Z,1.7nm,1.4s	80.38	44	eP	P	09 22 37.6 +1.2
KASI	Kota Agung comp=Z,6.2nm,0.8s	80.38	267	P	P	09 22 36.3 -0.3
HLID	Halley comp=Z,6.2nm,0.8s	80.54	39	eP	P	09 22 38.0 +1.0
HVU	Hansel Valley comp=Z,5.0nm,0.7s	80.61	42	eP	P	09 22 38.3 +0.9
HVU	Hansel Valley comp=Z,5.0nm,0.7s	80.61	42	eP	P	09 22 38.3 +0.9
MA2	Magadan comp=Z,3.0nm,0.7s	80.71	343	eP	P	09 22 36.3 -1.0
C09A	Chrisman Ranch comp=Z,8.8nm,1.2s	80.72	34	eP	P	09 22 38.2 +0.5
SRU	San Rafael Swe comp=Z,6.0nm,1.0s	80.75	45	eP	P	09 22 39.2 +1.0
SRU	San Rafael Swe comp=Z,6.0nm,1.0s	80.75	45	eP	P	09 22 39.2 +1.0
PMBI	Palemang comp=Z,5.9nm,1.0s	80.81	270	P	P	09 22 39.6 +0.7
KLJR	Kul dur comp=Z,8.0nm,1.2s	80.85	327	P	P	09 22 35.9 +2.4
JLU	Jordanelle comp=Z,8.0nm,1.2s	80.87	43	eP	P	09 22 37.3 -1.7
LWLI	Liwa comp=Z,8.9nm,1.2s	80.96	267	P	P	09 22 39.8 +0.1
MDSI	Maura Dua comp=Z,1.6nm,0.8s	80.96	268	P	P	09 22 39.0 +1.0
MNTX	Cornudas Mount comp=Z,8.2nm,0.9s	81.10	53	eP	P	09 22 40.9 +0.8
CAST	Castle Rocks comp=Z,2.9nm,0.9s	81.11	10	eP	P	09 22 37.7 -1.7
TCUT	Toone Canyon comp=Z,3.6nm,1.1s	81.16	43	eP	P	09 22 41.5 +1.1
P18A	Preston Nutter comp=Z,2.3nm,1.9s	81.19	44	eP	P	09 22 40.9 +0.1
BNM	Barren Site comp=Z,2.1nm,1.7s	81.21	51	eP	P	09 22 42.1 +1.2
PV05	Paradox Valley comp=Z,8.1nm,1.4s	81.23	46	eP	P	09 22 42.7 +1.8
LPM	Los Pinos Moun comp=Z,8.1nm,1.4s	81.28	51	eP	P	09 22 42.5 +1.3
CN2	Changchun comp=Z,10.0nm,0.8s	81.31	320	eP	P	09 22 41.1 -0.3
CN2	Changchun comp=Z,10.0nm,0.8s	81.40	46	eP	P	09 22 42.2 +0.3
PV09	Paradox Valley comp=Z,9.1nm,1.5s	81.41	46	eP	P	09 22 42.8 +0.9
KTH	Kantishna Hill comp=Z,2.1nm,0.9s	81.43	10	eP	P	09 22 41.0 -0.4
TRF	Thorofare Moun comp=Z,2.1nm,0.9s	81.45	11	eP	P	09 22 41.0 -0.4
TX31	Lajitas Ar. Si comp=Z,8.1nm,1.4s	81.47	56	eP	P	09 22 43.1 +1.0
LTX	Lajitas comp=Z,8.1nm,1.4s	81.47	56	eP	P	09 22 43.1 +1.0
TXAR	Lajitas Array comp=Z,2.9nm,1.6s	81.47	56	eP	P	09 22 43.1 +1.0
PV04	Paradox Valley comp=Z,8.1nm,1.4s	81.51	46	eP	P	09 22 43.4 +1.1
PV01	Paradox Valley comp=Z,8.1nm,1.4s	81.62	46	eP	P	09 22 43.5 +0.6
DHY	Denali Highway comp=Z,2.0nm,1.2s	81.65	12	eP	P	09 22 42.4 0.0
RND	Reindeer comp=Z,3.9nm,0.9s	81.67	11	eP	P	09 22 42.1 -0.3
RND	Reindeer comp=Z,3.9nm,0.9s	81.67	11	eP	P	09 22 42.1 -0.3
ANMO	Albuquerque comp=Z,8.0nm,1.2s	81.69	50	eP	P	09 22 44.5 +1.2
ANMO	Albuquerque comp=Z,8.0nm,1.2s	81.69	50	eP	P	09 22 44.5 +1.2
BPAW	Bear Paw Mtn. comp=Z,2.1nm,1.4s	81.93	10	eP	P	09 22 42.8 -0.9
PAX	Paxson comp=Z,4.1nm,1.8s	81.94	13	P	P	09 22 43.8 -0.1
PAX	Paxson comp=Z,4.1nm,1.8s	81.94	13	P	P	09 22 43.8 -0.1
MCK	McKinley comp=Z,5.7nm,0.9s	81.95	11	eP	P	09 22 43.5 -0.3
MCK	McKinley comp=Z,5.7nm,0.9s	81.95	11	eP	P	09 22 43.5 -0.3
MCMT	McKenzie Canyo comp=Z,2.1nm,1.4s	82.10	39	eP	P	09 22 47.0 +1.4
MENT	Mentasta comp=Z,2.9nm,1.2s	82.13	13	eP	P	09 22 45.8 +0.7
MSO	Missoula comp=Z,2.0nm,1.6s	82.59	37	eP	P	09 22 48.2 +0.6
DLMT	Dillon comp=Z,8.6nm,1.4s	82.60	39	eP	P	09 22 48.9 +0.7
REDW	Red Top Reach, Cre comp=Z,8.2nm,0.9s	82.67	47	eP	P	09 22 49.8 +1.3
FWXY	Fox Creek comp=Z,8.2nm,0.9s	82.67	41	eP	P	09 22 48.6 +0.2
SNOW	Snow King Moun comp=Z,8.2nm,0.9s	82.76	45	eP	P	09 22 48.6 0.0
O20A	White River C1 comp=Z,6.9nm,1.0s	82.78	45	eP	P	09 22 49.6 +0.6
MLY	Manley comp=Z,2.6nm,1.1s	82.83	10	eP	P	09 22 47.8 -0.7
DOT	Dot Lake comp=Z,6.9nm,1.0s	82.84	13	eP	P	09 22 48.5 0.0
MOOW	Moose Ponds comp=Z,6.9nm,1.0s	82.91	41	eP	P	09 22 50.5 +0.9

CCB	Clear Creek Bu comp=Z,3.9nm,0.9s	82.99	11	eP	P	09 22 48.5 -0.6
SEY	Seymchan comp=Z,8.5nm,0.8s	83.09	345	eP	P	09 22 49.5 -0.2
YHB	Horse Butte comp=Z,6.2nm,0.9s	83.13	40	eP	P	09 22 51.8 +1.1
BW06	Boulder Array comp=Z,6.2nm,0.9s	83.17	42	eP	P	09 22 51.4 +0.4
PD31	Pinedale Array comp=Z,5.8nm,0.7s	83.17	42	eP	P	09 22 51.3 +0.4
PDAR	Pinedale Array comp=Z,5.8nm,0.7s	83.17	42	eP	P	09 22 51.0 0.0
PDAR	Pinedale Array comp=Z,5.8nm,0.7s	83.17	42	eP	P	09 22 51.0 0.0
PDAR	Pinedale Array comp=Z,5.8nm,0.7s	83.17	42	eP	P	09 22 51.0 0.0
COLA	College comp=Z,7.0nm,1.0s	83.19	11	eP	P	09 22 50.2 +0.1
COLA	College comp=Z,7.0nm,1.0s	83.19	11	eP	P	09 22 50.2 +0.1
MDM	Murphy Dome comp=Z,7.9nm,1.4s	83.20	11	eP	P	09 22 50.1 -0.2
SMCO	Snowmass comp=Z,6.5nm,0.9s	83.21	46	eP	P	09 22 52.2 +0.7
YMR	Madison River comp=Z,3.0nm,1.5s	83.23	40	eP	P	09 22 52.3 +1.1
LNIG	Linares comp=Z,1.6nm,1.2s	83.24	62	eP	P	09 22 51.0 -0.4
ILAR	Eielson Array comp=Z,6.5nm,0.6s	83.27	11	eP	P	09 22 50.0 -0.6
ILAR	Eielson Array comp=Z,6.5nm,0.6s	83.27	11	eP	P	09 22 50.0 -0.6
ILAR	Eielson Array comp=Z,6.5nm,0.6s	83.27	11	eP	P	09 22 50.0 -0.6
ILAR	Eielson Array comp=Z,6.5nm,0.6s	83.27	11	eP	P	09 22 50.0 -0.6
IL1	Eielson Array comp=Z,6.5nm,0.6s	83.27	11	eP	P	09 22 50.0 -0.6
IM3	Indian Mountai comp=Z,6.9nm,0.8s	83.34	40	eP	P	09 22 53.7 +2.0
H17A	Grant Valley comp=Z,1.4nm,1.1s	83.53	40	eP	P	09 22 56.2 +3.4
LKWY	Lake comp=Z,1.4nm,1.1s	83.53	40	eP	P	09 22 56.2 +3.4
LKWY	Lake comp=Z,1.4nm,1.1s	83.53	40	eP	P	09 22 56.2 +3.4
SDCO	Great Sand Dun comp=Z,1.6nm,1.9s	83.76	38	eP	P	09 22 54.2 +0.5
HRV	Holler Researc comp=Z,2.1nm,1.0s	84.04	52	eP	P	09 22 56.0 +0.6
MSTX	Mushes comp=Z,2.1nm,1.0s	84.04	52	eP	P	09 22 56.0 +0.6
RWWY	Rawlins comp=Z,2.8nm,1.2s	84.26	44	eP	P	09 22 56.1 +0.3
DAWY	Dawson comp=Z,2.6nm,1.1s	84.46	13	eP	P	09 22 58.5 +0.9
EGAK	Eagle comp=Z,1.1nm,1.3s	84.51	9	eP	P	09 22 57.9 -0.5
RLMT	Red Lodge comp=Z,3.5nm,1.1s	85.00	56	eP	P	09 23 00.2 +1.1
SDSI	Sungai Dareh comp=Z,10.0nm,1.4s	85.00	56	eP	P	09 23 00.5 +0.2
COLD	Coldfoot comp=Z,1.0nm,1.4s	85.00	56	eP	P	09 23 00.5 +0.2
JCT	Junction City comp=Z,1.0nm,1.4s	85.00	56	eP	P	09 23 00.5 +0.2
JCT	Junction City comp=Z,1.0nm,1.4s	85.00	56	eP	P	09 23 00.5 +0.2
JCT	Junction City comp=Z,1.0nm,1.4s	85.00	56	eP	P	09 23 00.5 +0.2
BILL	Bilibino comp=Z,1.9nm,1.1s	85.23	52	eP	P	09 23 02.3 +0.9
BILL	Bilibino comp=Z,1.9nm,1.1s	85.23	52	eP	P	09 23 02.3 +0.9
BILL	Bilibino comp=Z,1.9nm,1.1s	85.23	52	eP	P	09 23 02.3 +0.9
AMTX	Amarillo comp=Z,1.1nm,1.0s	85.43	268	P	P	09 23 01.9 -0.8
PBSI	Pulau Paga comp=Z,1.8nm,0.9s	85.59	314	eP	P	09 23 03.8 +0.9
BJI	Beijing comp=Z,1.8nm,0.9s	85.59	314	eP	P	09 23 03.8 +0.9
ABTX	Ablene, Hawie comp=Z,2.4nm,1.3s	86.36	32	eP	P	09 23 06.5 +0.3
TOLK	Took Lake Re comp=Z,2.4nm,1.3s	86.40	32	eP	P	09 23 06.5 +0.3
EDM	Edmonton comp=Z,1.1nm,1.0s	86.92	199	P	P	09 23 09.4 +0.5
MAW	Mawson comp=Z,1.6nm,0.7s	86.92	199	P	P	09 23 09.4 +0.5
MAW	Mawson comp=Z,1.6nm,0.7s	86.92	199	P	P	09 23 09.4 +0.5
MAW	Mawson comp=Z,1.6nm,0.7s	86.92	199	P	P	09 23 09.4 +0.5
GYA	Guiyang comp=Z,4.4nm,0.8s	87.92	298	eP	P	09 23 15.3 +0.6
GYA	Guiyang comp=Z,4.4nm,0.8s	87.92	298	eP	P	09 23 15.3 +0.6
GYA	Guiyang comp=Z,4.4nm,0.8s	87.92	298	eP	P	09 23 15.3 +0.6
GYA	Guiyang comp=Z,4.4nm,0.8s	87.92	298	eP	P	09 23 15.3 +0.6
GYA	Guiyang comp=Z,4.4nm,0.8s	87.92	298	eP	P	09 23 15.3 +0.6
GYA	Guiyang comp=Z,4.4nm,0.8s	87.92	298	eP	P	09 23 15.3 +0.6
XAN	Xi'an comp=Z,10.0nm,1.0s	88.63	306	P	P	09 23 18.4 +0.6
XAN	Xi'an comp=Z,10.0nm,1.0s	88.63	306	P	P	09 23 18.4 +0.6
XAN	Xi'an comp=Z,10.0nm,1.0s	88.63	306	P	P	09 23 18.4 +0.6
XAN	Xi'an comp=Z,10.0nm,1.0s	88.63	306	P	P	09 23 18.4 +0.6
XAN	Xi'an comp=Z,10.0nm,1.0s	88.63	306	P	P	09 23 18.4 +0.6
GSI	Gunungsitoli comp=Z,2.20nm,4.8s	88.88	272	P	P	09 23 19.0 -0.4
INUK	Inuvik comp=Z,10.0nm,1.3s	89.11	14	eP	P	09 23 19.1 -0.1
INUK	Inuvik comp=Z,9.6nm,1.3s	89.11	14	eP	P	09 23 19.1 -0.1
HHC	Hu-ho-hao-te comp=Z,1.6nm,0.9s	89.14	313	eP	P	09 23 20.6 +0.5
HHC	Hu-ho-hao-te comp=Z,1.6nm,0.9s	89.14	313	eP	P	09 23

21d 9h

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

IDC 21 09:35:45.7-3.9, 13.51N-124.43E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.2/65, mbtmp3.3/3, 1.3, Error ellipse: s-maj=326.2km s-min=26.4km az=64.0, Luzon

TRN 21 09:36:56.9, 18.64N-63.97W, h125km NEIC 21 09:36:58.3-0.0, 18.52N-63.97W, h129km, MD3.5(RSPR), After RSPR, RSPR 21 09:36:58.3, 18.52N-63.97W, h129km, 2km, MD3.5, 18d, Leeward Islands

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

2012 FEB

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

IDC 21 09:50:57.4-1.9, 13.71Sx166.62E, h0km, mb3.7/3, mb1 3.9/4, mb1mx3.4/52, mbtmp3.6/4, ML2.8/1, Error ellipse: s-maj=53.9km s-min=35.3km az=112.0, Vanuatu Islands

IDC 21 09:58:42.0-0.5, 36.98N-89.33W, h0km, mb4.0/20, mb1 4.2/26, mb1mx4.0/76, mbtmp4.0/26, ML4.5/4, MS3.3/7, Mb1 3.2/7, ms 1mx2.7/66, Error ellipse: s-maj=10.6km s-min=8.3km az=0.0

NEIC 21 09:58:43.7-0.0, 36.87N-89.42W, h8km, mb4.1/69, MW3.9, Moment Tensor Solution, s32 Moment tensor: Scale 1014Nm; Mw:5.42; Mw:1.43; Mw:6.84; Mw:3.86; Mw:1.50; Mw:1.87; Best double couple: Mw:7.0000x1014 NP2: 0.37, 0.0000, 0.63, 0.0000, 0.122, 0.0000. NP2: 0.164, 0.0000, 0.41, 0.0000, 0.45, 0.0000. Principal axes: T 7.8100, Plg59.0000, Azm353.0000; N -0.1700, Plg28.0000, Azm201.0000; P -7.6400, Plg12.0000, Azm104.0000; After CERI.

NEIC 21 09:58:43.7-0.0, 36.87N-89.42W, h8km, mb4.1/69, MW3.9, Moment Tensor Solution, s32 Moment tensor: Scale 1014Nm; Mw:5.42; Mw:1.43; Mw:6.84; Mw:3.86; Mw:1.50; Mw:1.87; Best double couple: Mw:7.0000x1014 NP2: 0.37, 0.0000, 0.63, 0.0000, 0.122, 0.0000. NP2: 0.164, 0.0000, 0.41, 0.0000, 0.45, 0.0000. Principal axes: T 7.8100, Plg59.0000, Azm353.0000; N -0.1700, Plg28.0000, Azm201.0000; P -7.6400, Plg12.0000, Azm104.0000; After CERI.

NEIC 21 09:58:43.7-0.0, 36.87N-89.42W, h8km, mb4.1/69, MW3.9, Moment Tensor Solution, s32 Moment tensor: Scale 1014Nm; Mw:5.42; Mw:1.43; Mw:6.84; Mw:3.86; Mw:1.50; Mw:1.87; Best double couple: Mw:7.0000x1014 NP2: 0.37, 0.0000, 0.63, 0.0000, 0.122, 0.0000. NP2: 0.164, 0.0000, 0.41, 0.0000, 0.45, 0.0000. Principal axes: T 7.8100, Plg59.0000, Azm353.0000; N -0.1700, Plg28.0000, Azm201.0000; P -7.6400, Plg12.0000, Azm104.0000; After CERI.

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

1144

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Hickory Valley, EBZ, W44A, etc.

1145

Table with columns: ID, Name, baz, SNR, P, Pn, 09 59, Value, +. Includes entries like Woodville, Jasper, Winora, Willow Grove F, Pettigrew, Garnett, Star, Martinsville, Potomac, Stockton, Basin Creek Fa, Hobbs, Hopedale, HDIL, HDIL, HDIL, Pea Ridge, Bel, Salsbury, Louisville, La Belle, Fenwick Farm, Northport, Carrollton, Diamond, Blount Mountain, Magazine, Cooks Store, C, Fort Payne, Lafayette, Lafayette, Armstrong Fami, Eagleite Beard, Yates City, Harden Midland, Piper City, Stutzman Family, MIAR, MIAR, Norrel Spur, H, Kirksville, Sheridan, Dawn, Kentland, Union, Okolona, Piedmont, Houston Renfro, Livingston, Alexander Plac, LRAL, LRAL, LRAL, Mertquake, Sal, 249A, Columbiana, S37A, Cheneyville 18, Q37A, Soos Landing, X39A, Fountain Ranch, 148A, Greensboro, W38A, Poteau, R37A, Teagarden Farm, O38A, Galt, N46A, Monticello, 241A, Richland Creek, M43A, Waltham Townsh, M41A, Milan, M42A, Sheffield, Z50A, Ashland, M44A, Midewin, Midew, N39A, Derby Farms, D, P37A, Lathrop, VBMS, Vicksburg, VBMS, Vicksburg, TKL, Tuckaleechee C, TKL, TKL, TKL, TKL, TZTN, Tazewell, TZTN, Tazewell, 142A, Monroe, 149A, Jones, M40A, Post Highland, M45A, Boilermakers S, 245A, Little AP, Sta, Z40A, Long Farm, Mag

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Table with columns: ID, Name, baz, SNR, P, Pn, 09 59, Value, +. Includes entries like Quitman, N38A, Joes South For, 244A, Aves, Jackson, O37A, Wolfen Farm, M, 248A, Dixon Mills, S36A, Lake Cedric, C, R36A, Gordon, Harris, M39A, Webster, 150A, Eclectic, M46A, Old House Field, L42A, Oliver, Polo, 141A, Papa Simpson, T36A, Boggs Farm, Ca, Q36A, Arnold C, Orve, TUL1, Leonard, TUL1, Leonard, TUL1, Leonard, 249A, Camden, L41A, Preston, 243A, Waterproof, 242A, Grayson, P36A, Good Intent, A, L43A, Garden Prairie, X37A, Clearmont, X37A, Clayton, L37A, Anamosa, N37A, Lee Faris, Mou, M38A, Pleasantville, O36A, Solkrow, L44A, Lake County Fo, 140A, Cam and Jess, 346A, Big Creek Wild, 151A, Opelika, 347A, Saraland, 344A, Westbrook Farm, 250A, Grady, S35A, Otter Creek Ra, R35A, Emporia Munci, 345A, Thompson Farm, Q35A, Mer Eighty, 348A, Jackson, L39A, Vinton, BG3, Lake Jocassee, 241A, Mo Tay, Gottle, T35A, Sooner Cation, K41A, Shullsburg, M37A, Trite Farm, SCIA, State Center, SCIA, State Center, 251A, Midway, 349A, Repton, P35A, Duane Minner, N36A, Muff Farm, Cla, 343A, Vidalia, K43A, Burlington, K42A, Prairie Point, L38A, Oak Wood Farm, K40A, Colesburg, 342A, Flagon Creek P, GOGA, Godfrey, GOGA, Godfrey, OK022, N3560 Road, Pr, 240A, Hunter Patters, 350A, Dozier, OK021, N3530 Road, Sp, BRAL, Brewton, BRAL, Brewton, BRAL, Jewell Farm, JFWS, Jewell Farm, ACSSO, Alum Creek Sta, ACSSO, Alum Creek Sta, 446A, Poplarville, KSU1, Kansas State U, KSU1, Kansas State U, Q35A, Humboldt, 447A, Lucedale, K43A, Oelwein, OK020, N3440 Road, Me, S34A, Willow Spring, 445A, Amite, M36A, Felix, Anita, T34A, McClaskey Farm, L37A, Phoenix Point, N35A, Tabor

21d 9h

Table with columns: ID, Name, baz, SNR, P, Pn, 09 59, Value, +. Includes entries like Q34A, Chapman, K38A, Parkersburg, 341A, Kuthwood, R34A, Isabella, Hill, 449A, Pace, P34A, Walnut Farm, R, 443A, Delano Plantat, HODGE, Hodges, 351A, Pinckard, J42A, Columbus, J41A, Loganville, 450A, Crestview, J43A, Natural Harves, O34A, Beatrice, J40A, Soldiers Grove, L36A, Harm Buss Farm, 546A, Slidell, J39A, Decorah, M35A, Neoia, NATX, Nacogdoches, NATX, Nacogdoches, K37A, Belmont, N34A, Lincoln, KMSC, Kings Mountain, KMSC, Kings Mountain, J38A, Wedel Dairy, R, 441A, Neorider, K36A, Gilmore City, 452A, Marianna, AAM, Ann Arbor, AAM, Ann Arbor, I42A, Draeger Farm, I40A, Norwalk, I43A, Langfield Bro, O33A, Hebron, I39A, Houston, JSC, Jenkinsville, J37A, Redenius Farm, I41A, Arkdale, M34A, Aspy Farms, F, BLA, Blacksburg, N33A, J Bar K, Exete, J36A, Seneca 1, Swea, I38A, Scanlan Farm, VWCC, Virginia Weste, VWCC, Taylor Creek F, M33A, Taylor Creek F, H42A, Shiocton, H43A, Windswept, Lux, U32A, Winter Ranch, U32A, Winter Ranch, H41A, Junction City, K34A, Le Mars, I37A, Lemond, Waseca, H40A, Chili, 454A, Qultman, NCAT, North Carolina, NCAT, WMOK, Wichita Mounta, WMOK, Wichita Mounta, H39A, Augusta, I36A, Fitzsimmons Fa, MCWV, Mont Chateau, MCWV, Mont Chateau, H38A, Maiden Rock, 455A, Stateville, J34A, George, H37A, Dierke Farm, C, BGNE, Belgrade, BGNE, Belgrade, BGNE, Belgrade, I35A, Creekview Farm, K33A, Hardington, WHTX, Lake Whitney, WHTX, Lake Whitney, G41A, Antigo, CBKS, Cedar Bluff, CBKS, Cedar Bluff, G42A, Mountain, G40A, Rib George, H36A, Jessenland, He, N54A, Moraine State, N54A, Wallace, G43A, New Hope, NHSC, New Hope, G38A, Ridgeland, G39A, Holcombe, ALLY, Allegheny Colle, J33A, Davis, I34A, Hadley

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CMAR Chiang Mai Arr, KURK Kurchatov, IM3 Indian Mountain, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TMUT Trail Mountain, GEC2 GERESS Array S, GEC2 GERESS Array B, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like YKA 0.1nm,0.4s,baz=273,slow=8.1,SNR=4.4, NVAR Mina Array Bea, etc.

21d 13h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like JHU, JH2, JH3, etc.

ISC 21 12:39:34.4+0.7, 25.48N, 143.99E, h0km, mb3.9/19, mb1.0/21, mb1mx3.9/64, mbtmp3.9/21, ML3.6/3, MS2.8/3, Ms1.2/3, ms1mx2.4/57, Error ellipse: s-maj=19.8km s-min=16.3km az=68.0

NEIC 21 12:39:35.0+0.4, 25.52N, 144.04E, h0km, mb4.5/3, Error ellipse: s-maj=10.4km s-min=7.4km az=74.0

ISCJB 21 12:39:37.0+0.5, 25.53N, 144.97E, h0.9/h33km, mb4.0/22, Error ellipse: s-maj=14.0km s-min=7.2km az=141.6

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

MEX 21 12:40:20.0+0.3, 17.97N, 100.25W, h61km, 7km, MD3.6, Guerrero

ISC 21 12:41:23.9, 37.00N, 37.15E, h16km, ML2.7/2 DDA 21 12:41:26.8, 37.21N, 37.15E, h7km, ML2.6, Suspected Mining explosion

ISCJB 21 12:41:27.1+0.5, 37.26N, 103.37E, h0km, Error

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ellipse: s-maj=4.1km s-min=3.6km az=9.0 CSEM 21 12:41:27.3+0.3, 37.30N, 37.30E, h1km, ML2.7, Error ellipse: s-maj=9.0km s-min=7.1km az=123.2, Suspected Mining explosion

ISC 21 12:41:26.8+0.8, 37.30N, 103.37E, h0km, n25, c1505/41, Turkey

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

ISC 21 13:02:43.7+999.0, 57.17N, 35.63E, h0km, Error ellipse: s-maj=572.1km s-min=26.1km az=116.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like I43RU, I31KZ, I46RU, etc.

ISC 21 13:12:43.7, 37.72N, 38.11E, h17km, ML2.4/1 ISCJB 21 13:12:44.4+0.5, 37.71N, 38.13E, h0km, Error ellipse: s-maj=3.9km s-min=3.5km az=4.5

CSEM 21 13:12:44.3+0.3, 37.71N, 38.14E, h1km, ML2.6, Error ellipse: s-maj=7.9km s-min=5.2km az=83.0, Suspected Mining explosion

DDA 21 13:12:44.7, 37.68N, 38.13E, h7km, ML2.6, Suspected Mining explosion

ISC 21 13:12:44.3+0.8, 37.70N, 102.38E, h0km, n20, c1501/36, Turkey

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

ISCJB 21 13:14:22.9+0.4, 24.07S, 104.66W, h0.4, h200km, mb3.7/6, Error ellipse: s-maj=6.6km s-min=4.3km az=31.0

SJA 21 13:14:23.0+0.3, 24.05S, 66.71W, h208km, 9km, ML3.4, MW2.8

ISC 21 13:14:24.1+1.9, 23.95S, 66.67W, h203km, 17km, mb3.6/6, mb1.3/6, mb1mx3.4/42, mbtmp4.0/10, Error ellipse: s-maj=21.1km s-min=14.0km az=78.0

ISC 21 13:14:23.3+0.7, 24.05S, 106.66E, h1W, h200km, n27, c1500/35, mb3.8/6, Salta Province

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

1150

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like PB07, PB07, PB07, etc.

ISCJB 21 13:14:18.8+0.7, 50.81N, 0.05E, 73.31E, h0.09, h0km, mb3.5/2, MS2.4/1, Error ellipse: s-maj=8.2km s-min=6.8km az=173.1

NINC 21 13:14:19.8+1.3, 50.88N, 73.70E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=14.9km s-min=10.4km az=46.0

ISC 21 13:14:23.0+0.9, 50.87N, 73.65E, h0km, mb3.4/2, mb1.3/7, mb1mx3.7/70, mbtmp3.3/7, ML2.8/5, MS2.5/1, Ms1.2/5, ms1mx2.0/47, Error ellipse: s-maj=13.0km s-min=10.7km az=2.0

ISC 21 13:14:23.1+0.8, 50.85N, 0.07E, 73.54E, h0km, n15, c1529/15, 7C-2D, Central Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like OTUK, OTUK, BVA0, BVA0, etc.

ISC 21 13:19:51.2+1.0, 55.42S, 28.11W, h0km, mb3.8/3, mb1.3/4, mb1mx3.7/30, mbtmp3.9/4, ML4.3/1, Error ellipse: s-maj=45.2km s-min=25.2km az=72.0

ISCJB 21 13:19:54.1+1.1, 55.45S, 102.28W, h0.5, h26km, mb3.8/3, Error ellipse: s-maj=43.0km s-min=27.4km az=158.5

ISC 21 13:19:55.5+1.0, 55.45S, 102.28W, h0.3, h26km, n8, c1513/8, mb3.9/3, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like VNA2, VNA2, SNA4, SNA4, etc.

NIED 21 13:30:00.35+20N, 129.80E, h8km, Mw3.3 Best double couple, Mb=71000.0+103.147.00000, 834.00000, 170.00000, NP2=35.147.00000, 284.00000, 157.00000

ISCJB 21 13:30:54.8+0.5, 35.12N, 129.89E, h0.05, h8km, Error ellipse: s-maj=6.3km s-min=4.4km az=145.1

JMA 21 13:30:54.8+0.1, 35.17N, 129.85E, h19km, 3km, M3.5 KMA 21 13:30:56.4+2.35, 13N, 129.80E, h19km, 22km, Error ellipse: s-maj=41.4km s-min=31.8km az=155.0

ISC 21 13:30:54.0+1.0, 35.12N, 129.92E, h0.04, h8km, n11, c0583/15, 2C-2D, South Korea

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

21d 13h

Table with columns for station ID, name, frequency, and signal strength. Includes stations like YSS, MOO, TPWA, SNOW, ULM, etc.

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Table with columns for station ID, name, frequency, and signal strength. Includes stations like FXYW, MOOV, TPWA, SNOW, ULM, etc.

1152

Table with columns for station ID, name, frequency, and signal strength. Includes stations like C35A, TIN, E33A, PSUT, RCTC, etc.

1153

PV10	Paradox Valley	42.87	103	eP	P	13 58 42.7	+2.0
ARCES	ARCES Array B	42.90	354	eP	P	13 58 39.9	-0.3
ARCES	comp-Z, 9.8nm, 0.9s, baz=4.3, slow=8.9, SNR=16						
ARCES	comp-Z, 6.4nm, 0.8s, baz=344, slow=32, SNR=4.9					14 00 30.5	0.0
ARCES	comp-Z, 349nm, 20.1s, baz=358, slow=34					14 14 42.5	
PV04	Paradox Valley	42.91	103	eP	P	13 58 41.9	+1.0
F38A	Pierce - Schro	42.91	81	P	P	13 58 41.2	+0.6
ISCO	Idaho Springs	42.92	99	P	P	13 58 42.5	+1.4
SMCO	Snowmass	42.95	100	eP	P	13 58 42.2	+0.8
IRK	irkutsk	42.97	296	eP	P	13 58 39.6	-1.4
IRK	comp-Z, 85nm, 2.6s						
TUQ	Turquoise Moun	42.97	112	P	P	13 58 43.7	+2.4
SCZ2	Santa Cruz Isl	42.98	117	P	P	13 58 42.9	+1.6
ECSD	EROS Data Cent	42.99	87	P	P	13 58 41.0	-0.2
ECSD	EROS Data Cent	42.99	87	eP	P	13 58 41.3	+0.1
E39A	Mellen	43.06	80	P	P	13 58 41.6	-0.3
BLG	Laguna Peak, P	43.07	116	P	P	13 58 43.6	+1.6
RRX	Edison Barstow	43.10	114	P	P	13 58 44.5	+2.3
K31A	O'Neill	43.11	90	P	P	13 58 44.2	+0.2
PV05	Paradox Valley	43.11	103	eP	P	13 58 44.0	+1.4
SPMN	Marine on St.	43.18	83	P	P	13 58 43.1	+0.3
SPMN	Marine on St.	43.18	83	eP	P	13 58 42.8	0.0
DECC	Green Verdugo	43.19	116	P	P	13 58 44.8	+1.7
D41A	Chassel	43.24	77	P	P	13 58 43.0	-0.2
E40A	Wakefield	43.25	79	P	P	13 58 43.4	0.0
PV01	Paradox Valley	43.26	103	eP	P	13 58 45.3	+1.5
OGNE	Ogallala	43.29	94	P	P	13 58 44.4	+0.5
H36A	Jessenland, He	43.30	84	P	P	13 58 44.4	+0.6
F39A	Loretta	43.31	80	P	P	13 58 44.3	+0.4
MWC	Mount Wilson	43.31	115	eP	P	13 58 46.6	+2.4
MWC	comp-Z, 91nm, 1.5s						
MWC	Mount Wilson	43.31	115	eP	P	13 58 46.1	+1.9
PASC	Padadena Art C	43.32	115	eP	P	13 58 46.0	+2.0
HEC	Hector, Ludlow	43.37	113	P	P	13 58 46.5	+2.0
K32A	Verdigre	43.38	89	P	P	13 58 43.9	-0.5
U15A	North Rim	43.39	108	eP	P	13 58 46.6	+1.7
BFSC	Mount Bigby Ra	43.44	115	P	P	13 58 47.1	+2.0
I35A	Creekview Farm	43.51	86	P	P	13 58 45.5	0.0
LDFC	Landfair	43.58	111	eP	P	13 58 48.1	+1.8
G38A	Ridgeland	43.59	82	P	P	13 58 45.6	-0.4
E41A	Kenton	43.59	78	P	P	13 58 45.9	-0.2
F40A	Park Falls	43.61	80	P	P	13 58 46.3	+0.1
J34A	George	43.62	87	P	P	13 58 46.1	-0.2
MJB9	Matsu-Tunnel	43.64	253	eP	P	13 58 46.5	-0.1
MAJO	Matsushiro	43.64	253	eP	P	13 58 46.5	-0.1
MAJO	comp-Z, 18nm, 0.9s						
MAJO	Matsushiro	43.64	253	eP	P	13 58 46.5	-0.1
MAT	Matsushiro	43.64	253	P	S	13 58 46.4	-0.2
MAT	Matsushiro	43.64	253	P	S	14 05 18.6	+3.8
MJAR	Matsushiro Arr	43.64	253	P	S	13 58 46.6	0.0
MJAR	comp-Z, 6.5nm, 0.8s, baz=20, slow=8.0, SNR=8.3					14 18 05.4	
MJAR	LR						
GMRC	Granite Mounta	43.65	112	P	P	13 58 48.9	+2.0
TLY	Talaya	43.65	296	eP	SS	13 58 47.3	+0.8
TLY	comp-Z, 20nm, 1.1s					14 08 45.8	+1.6
TLY	comp-Z, 1.1um, 17.0s						
TLY	Talaya	43.65	296	P	P	13 58 47.9	+1.3
TLY	Talaya	43.65	296	P	P	13 58 47.9	+1.3
BBRC	Big Bear Solar	43.68	114	P	P	13 58 49.1	+2.0
H37A	Dierke Farm, C	43.68	83	P	P	13 58 47.2	+0.4
SNCC	San Nicolas Is	43.70	117	P	P	13 58 48.6	+1.6
I36A	Fitzsimmons Fa	43.74	85	P	P	13 58 47.6	+0.3
G39A	Holcombe	43.75	81	P	P	13 58 47.0	-0.4
K33A	Hardington	43.80	88	P	P	13 58 47.9	+0.1
Q24A	Divide	43.83	99	P	P	13 58 49.5	+1.0
Q24A	Divide	43.83	99	eP	P	13 58 49.7	+1.3
COWI	Conover	43.83	79	eP	P	13 58 47.8	-0.3
H38A	Maiden Rock	43.84	83	P	P	13 58 48.4	+0.3
L32A	Elgin	43.93	90	P	P	13 58 48.6	-0.3
CIS	Catalina Islan	43.94	116	P	P	13 58 50.4	+1.4
I37A	Lemond, Waseca	43.98	84	P	P	13 58 49.5	+0.3
LVZ	Lovozero	43.99	349	eP	P	13 58 49.7	+0.7
LVZ	comp-Z, 35nm, 1.1s						
LVZ	Lovozero	43.99	349	eP	P	13 58 48.6	-0.4
W13A	Hualapai Mount	44.00	110	eP	P	13 58 50.9	+1.2
E42A	Champion	44.01	77	P	P	13 58 49.2	-0.3
NEE2	Needles Airpor	44.04	111	P	P	13 58 51.4	+1.7
K34A	Le Mars	44.08	87	P	P	13 58 50.2	+0.2
MVCO	Mesa Verde	44.10	103	P	P	13 58 51.7	+1.1
MVCO	Mesa Verde	44.10	103	eP	P	13 58 51.3	+0.8
G40A	Rib Lake	44.13	80	P	P	13 58 50.5	+0.1
F41A	Three Lakes	44.15	79	P	P	13 58 50.2	-0.3
MURC	Murrieta	44.18	115	P	P	13 58 52.3	+1.3
J36A	Seneca 1, Swea	44.20	85	P	P	13 58 51.3	+0.3
H39A	Augusta	44.22	82	P	P	13 58 51.0	-0.1
BELC	Belle Mtn, Jos	44.24	113	P	P	13 58 53.4	+1.8
S22A	4UR Ranch, Cre	44.26	101	P	P	13 58 53.9	+2.0
S22A	4UR Ranch, Cre	44.26	101	eP	P	13 58 53.4	+1.5
SCHO	Schefferville	44.30	55	P	P	13 58 50.8	-0.8
SCHO	comp-Z, 6.2nm, 0.5s, baz=332, slow=8.8, SNR=7.1					14 00 35.9	+0.4
SCHO	comp-Z, 6.2nm, 0.5s, baz=338, slow=3.5, SNR=8.7					14 19 45.3	

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SCHO	Schefferville	44.30	55	eP	P	13 58 51.3	-0.3
SCHO	comp-Z, 11nm, 0.9s						
SCHO	Scanlan Farm,	44.36	83	P	P	14 00 35.9	+0.4
K35A	Storm Lake	44.38	87	P	P	13 58 52.3	0.0
BGNE	Belgrade	44.38	90	P	P	13 58 52.2	-0.2
IRM	Iron Mountain	44.40	112	P	P	13 58 52.6	0.0
E43A	Lone Tree Farm	44.40	77	P	P	13 58 54.9	+2.2
APA	Apacity	44.40	349	J/P	S	13 58 52.2	-0.4
APA	comp-Z, 19nm, 0.9s					14 05 23.0	-2.1
APA	comp-Z, 3um, 9.0s						
PFO	Pinyon Flats O	44.43	114	P	P	13 58 54.5	+1.4
PFO	Pinyon Flats O	44.43	114	eP	P	13 58 54.6	+1.5
PFO	comp-Z, 68nm, 1.7s						
PFO	Pinyon Flats O	44.43	114	eP	P	13 58 54.2	+1.2
XPFO	Pion Flat	44.43	114	eP	P	13 58 54.4	+1.3
F42A	Maple Grove Fa	44.49	78	P	P	13 58 53.4	+0.1
J37A	Redenius Farm,	44.52	85	P	P	13 58 53.8	+0.2
WUAZ	Wupatki	44.54	107	P	P	13 58 56.1	+2.1
WUAZ	Wupatki	44.54	107	eP	P	13 58 56.0	+2.0
G41A	Antigo	44.56	79	P	P	13 58 54.1	+0.3
MOY	Mony	44.57	298	eP	P	13 58 55.1	+1.1
L34A	Sveiden Farm,	44.58	88	P	P	13 58 53.8	-0.3
E44A	Grand Marais A	44.59	76	P	P	13 58 53.8	-0.3
H40A	Chillicothe	44.60	81	P	P	13 58 54.1	-0.2
M33A	Taylor Creek F	44.61	89	P	P	13 58 54.0	-0.3
PDMC	Parker Dam, Lak	44.62	111	P	P	13 58 56.1	+1.7
BC3	Big Chuckawak	44.74	113	P	P	13 58 57.2	+1.7
KSCO	Kaye Shedlock	44.74	96	P	P	13 58 56.6	+1.0
KSCO	Kaye Shedlock	44.74	96	eP	P	13 58 56.5	+0.9
K36A	Gilmore City	44.75	86	P	P	13 58 55.4	+0.1
SDCO	Great Sand Dun	44.76	100	P	P	13 58 57.1	+1.2
SDCO	Great Sand Dun	44.76	100	eP	P	13 58 57.1	+1.2
L35A	Bielow Farm, R	44.78	87	P	P	13 58 55.0	-0.7
F43A	Flat Rock, Esc	44.80	77	P	P	13 58 55.4	-0.3
G42A	Mountain	44.82	79	P	P	13 58 55.9	0.0
I39A	Houston	44.83	82	P	P	13 58 55.6	-0.4
109C	Camp Elliot, M	44.86	115	P	P	13 58 58.0	+1.7
ZAK	Zakamensk	44.87	295	eP	P	13 58 55.1	-1.2
ZAK	comp-Z, 15nm, 1.4s					14 00 38.0	
H41A	Junction City	44.89	80	P	P	13 58 56.5	0.0
J38A	Wedel Dairy, R	44.92	84	P	P	13 58 56.8	+0.1
K37A	Belmond	44.95	85	P	P	13 58 57.1	+0.1
F44A	Big Bay de Noc	44.95	77	P	P	13 58 56.6	-0.4
Y12C	Blythe	44.98	112	P	P	13 58 59.4	+2.1
Y12C	Blythe	44.98	112	eP	P	13 58 59.1	+1.8
G43A	Wardensburg	45.09	78	P	P	13 58 57.8	-0.2
MONP2	Monument Peak	45.09	114	P	P	13 59 00.5	+2.0
L36A	Harm Buss Farm	45.12	87	P	P	13 58 58.0	-0.3
H40A	Norwalk	45.14	82	P	P	13 58 58.8	+0.3
BAR	Barrett	45.20	115	eP	P	13 59 00.9	+1.8
J39A	Decorah	45.20	83	P	P	13 58 58.5	-0.4
SWSC	Sam W. Stewart	45.26	114	P	P	13 59 01.3	+1.8
I41A	Arkdale	45.28	81	P	P	13 58 59.8	+0.2
Y14A	Wickenburg	45.36	110	eP	P	13 59 02.5	+2.0
K38A	Partsburg	45.38	84	P	P	13 59 00.3	-0.1
H42A	Shiocton	45.40	79	P	P	13 59 00.4	-0.2
IKP	In-K-Pah, Jac	45.42	114	P	P	13 59 02.8	+1.9
L37A	Phoenix Point	45.45	86	P	P	13 59 00.6	-0.4
W18A	Petrified Fore	45.50	106	P	P	13 59 03.6	+2.0
W18A	Petrified Fore	45.50	106	eP	P	13 59 03.3	+1.6
X16A	Lo Mia Camp, P	45.50	108	eP	P	13 59 03.6	+1.9
G34A	Glamis	45.51	89	P	P	13 59 01.3	-0.2
GLA	Glamis	45.51	112	eP	P	13 59 03.5	+1.9
GLA	comp-Z, 150nm, 1.7s						
GLA	Glamis	45.51	112	eP	P	13 59 03.4	+1.8
J40A	Golders Grove	45.52	82	P	P	13 59 01.3	-0.1
F45A	CMU Biological	45.54	76	P	P	13 59 01.1	-0.5
ULN	Ulanbaatar	45.65	290	eP	P	13 59 02.3	+0.5
ULN	comp-Z, 31nm, 1.7s						
ULN	Ulanbaatar	45.65	290	eP	P	13 59 02.9	+0.2
ULN	Ulanbaatar	45.65	290	P	P	13 59 03.6	+1.0
ULN	Ulanbaatar	45.65	290	P	P	13 59 03.6	+1.0
K39A	Delwin	45.67	84	P	P	13 59 02.0	-0.6
T25A	Trinidad	45.70	99	P	P	13 59 04.1	+0.8
T25A	Trinidad	45.70	99	eP	P	13 59 04.2	+1.0
H43A	Windswept, Lux	45.72	79	P	P	13 59 03.0	-0.1
L38A	Oak Wood Farm,	45.74	85	P	P	13 59 02.9	-0.4
O33A	Hebron	45.75	91	P	P	13 59 02.9	-0.5
I42A	Draeger Farm,	45.79	80	P	P	13 59 03.8	+0.2
N35A	Tabor	45.82	88	P	P	13 59 04.3	+0.4
J41A	Loganville	45.82	82	P	P	13 59 03.9	+0.1
SCIA	State Center	45.85	85	P	P	13 59 03.9	-0.1
SCIA	State Center	45.85	85	eP	P	13 59	

21d 13h

Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes entries like N42A Yates City, R36A Gordon, Harris, P39B Salsbury, etc.

2012 FEB

Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes entries like TUL1 Leonard, P46A Rosedale, S41A Jilco Farms, etc.

1154

Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes entries like SEM, S48A Wiedeman Farm, KURK Kurchatov, etc.

TKL	comp=Z,170nm,1.6s	54.89	81	eP	P	14 00 12.3	-0.2
X49A	Tuckaleehee C comp=Z,174nm,1.6s	54.93	80	P	P	14 00 12.0	-0.9
NJ2	Woodville baz=333	54.95	274	eP	P	14 00 11.4	-1.6
NJ2	Nanjing	54.95	20	eP	Pmax		
NJ2	comp=Z,11nm,0.5s			LR	LR		
NJ2	comp=Z,720nm,12.5s			LR	LR		
NJ2	comp=Z,1µm,13.0s			LR	LR		
IP03	Louisa	54.96	75	eP	P	14 00 12.2	-0.8
SPRD	Spring Road, M comp=Z,14nm,0.8s	55.01	75	eP	P	14 00 12.2	-1.1
144A	Alexander Plac comp=Z,6.1nm,0.8s	55.03	89	eP	P	14 00 13.9	+0.3
IP07	Quail	55.05	75	eP	P	14 00 13.0	-0.6
Z46A	Louisville baz=333	55.10	87	P	P	14 00 14.3	+0.2
341A	Kurthwood baz=334	55.13	92	P	P	14 00 14.6	+0.3
Y48A	Jasper	55.14	85	P	P	14 00 13.9	-0.5
X50A	Fort Payne	55.23	83	P	P	14 00 14.6	-0.4
145A	Houston Renfro baz=333	55.24	88	P	P	14 00 15.5	+0.4
LP1G	La Paz	55.27	112	LR	LR	14 26 51.6	
Z47A	Carrollton baz=333,SNR=5.5	55.43	86	P	P	14 00 16.1	-0.4
244A	Avery, Jackson baz=334	55.45	89	P	P	14 00 16.7	+0.1
833A	Chaparral WMA, baz=335	55.45	99	P	P	14 00 17.0	+0.4
Z48A	Northport baz=333	55.47	86	P	P	14 00 15.9	-0.8
Y49A	Blount Mountai baz=333	55.48	84	P	P	14 00 15.9	-0.9
GTA	Gaotai	55.59	290	P	P	14 00 18.1	+0.4
GTA				sP	sP	14 00 24.1	+0.5
GTA				S	S	14 08 03.8	+1.9
GTA				sS	sS	14 08 15.0	+1.7
GTA	comp=Z,26nm,1.2s			Pmax	Pmax		
GTA	comp=Z,200nm,6.0s			LR	LR		
GTA	comp=Z,1µm,15.7s			LR	LR		
GTA	comp=Z,2µm,17.6s			LR	LR		
GTA	comp=Z,2µm,14.3s			LR	LR		
MOS	Moscow	55.69	344	eP	Pmax	14 00 17.4	-0.6
MOS	comp=Z,150nm,1.5s			Pmax	Pmax		
Y50A	Piedmont	55.70	84	P	P	14 00 18.2	-0.2
245A	Little AR, Sta baz=334	55.76	89	P	P	14 00 19.2	+0.4
WMQ	Urumqi	55.81	303	P	P	14 00 19.8	+0.6
WMQ				sP	sP	14 00 28.9	+0.1
WMQ	comp=Z,63nm,1.5s			Pmax	Pmax		
WMQ	comp=Z,430nm,4.1s			LR	LR		
WMQ	comp=Z,2µm,14.5s			LR	LR		
WMQ	comp=Z,2µm,15.5s			LR	LR		
147A	Livingston	55.82	87	P	P	14 00 18.8	-0.4
LRAL	Lakeview Retre baz=333	55.98	85	P	P	14 00 19.5	-0.9
LRAL	Lakeview Retre comp=Z,25nm,1.5s	55.98	85	eP	P	14 00 19.4	-1.0
Z49A	Columbiana	56.02	85	P	P	14 00 20.2	-0.5
JOW	Kunigami	56.04	258	LR	LR	14 25 41.6	
Z50A	Ashland comp=Z,116nm,18.1s	56.20	84	P	P	14 00 21.4	-0.5
Z47A	Quitman baz=334	56.24	87	P	P	14 00 22.6	+0.4
KM5C	Kings Mountain baz=333	56.27	79	eP	P	14 00 21.8	-0.6
KM5C	Kings Mountain comp=Z,72nm,1.7s	56.27	79	eP	P	14 00 21.4	-1.0
OTUK	Ortayu	56.33	317	P	Pmax	14 00 21.5	-1.2
OTUK	comp=Z,101nm,1.0s			Pmax	Pmax		
OBN	Obninsk	56.41	344	d P	P	14 00 23.0	-0.1
OBN				i	i	14 00 27.4	
OBN				S	S	14 08 03.1	-9.0
OBN				iSS	iSS	14 12 02.1	+3.9
OBN	comp=Z,33nm,1.2s			Pmax	Pmax		
OBN	comp=Z,250nm,18.0s			MLR	MLR		
149A	Jones	56.45	85	P	P	14 00 23.2	-0.6
346A	Big Creek Wild baz=332	56.50	88	P	P	14 00 24.4	+0.3
IZAR	Zarasai	56.62	351	eP	IAMB	14 00 25.9	+1.3
IZAR				IAMB	IAMB	14 00 26.3	
150A	comp=Z,11nm,0.8s			P	P	14 00 25.4	-0.4
EKA	Eskdalemuir Ar baz=333	56.78	11	P	P	14 00 26.0	+0.3
EKA	comp=Z,8.9nm,0.6s,baz=356,slow=5.3,SNR=25			LR	LR	14 26 46.7	
ISAL	Salakas	56.80	351	eP	P	14 00 27.2	+1.3
ISAL				IAMB	IAMB	14 00 27.6	
347A	Saraland baz=334	56.84	88	P	P	14 00 26.8	+0.3
249A	Camden	56.88	86	P	P	14 00 26.5	-0.3
XAN	XI'an	56.98	280	P	P	14 00 30.1	+2.6
XAN				sP	sP	14 00 39.9	+2.7
XAN				PcP	PcP	14 01 21.8	-0.8
XAN				S	S	14 08 20.3	0.0
XAN				SS	SS	14 12 06.6	-1.6
XAN	comp=Z,10.0nm,1.0s			Pmax	Pmax		
XAN	comp=Z,2µm,18.1s			LR	LR		
XAN	comp=Z,3µm,16.7s			LR	LR		
IIGN	Ignalina	57.02	351	eP	P	14 00 28.9	+1.5
IIGN	comp=Z,21nm,0.7s			IAMB	IAMB	14 00 29.1	
ID1D	Didziasalis	57.02	351	eP	P	14 00 28.6	+1.1
ID1D				IAMB	IAMB	14 00 29.1	
LZH	Lanzhou	57.06	285	P	P	14 00 28.8	+0.5
LZH				sP	sP	14 00 38.3	+0.4
LZH				sP	sP	14 00 41.1	+5.9
LZH				PP	PP	14 02 34.0	-0.7
LZH				S	S	14 08 19.4	-2.2
LZH				sS	sS	14 08 35.3	+2.3
LZH				SS	SS	14 12 06.3	-3.4
LZH	comp=Z,76nm,1.3s			Pmax	Pmax		
LZH	comp=Z,200nm,4.1s			LR	LR		
LZH	comp=Z,1µm,13.5s			LR	LR		
LZH	comp=Z,2µm,12.0s			LR	LR		
LZH	comp=Z,2µm,14.8s			LR	LR		
251A	Midway baz=334	57.43	84	P	P	14 00 30.4	-0.3
NACGM	Naroch	57.43	351	e	P	14 00 24.0	-6.4

TDK	Taldygorghan comp=Z,441nm,1.2s	57.61	310	iP	P	14 00 30.9	-0.9
TDK				eS	S	14 08 29.2	+0.9
AKTO	Aktubinsk	57.64	328	eP	P	14 00 32.1	+0.2
AKTO	comp=Z,27nm,1.0s,baz=45,slow=10,SNR=29			LR	LR	14 29 03.6	
AKTO	comp=Z,423nm,18.7s,baz=17,slow=40			P	P	14 00 30.6	-1.3
AKTO	Aktubinsk	57.64	328	iP	Pmax		
WHN	Wuhan	58.02	273	P	P	14 00 34.9	+0.1
WHN				pP	sP	14 00 47.8	+3.3
AB31	Akbulak array	58.35	326	iP	P	14 00 36.3	-0.6
AB31				Pmax	Pmax		
ABKAR	Abkulkal array	58.35	326	eP	P	14 00 36.4	-0.5
SUW	Suwalki	58.51	353	eP	P	14 00 38.0	+0.1
SUW	Suwalki	58.51	353	eP	P	14 00 38.0	+0.1
LNIG	Linares	58.52	101	eP	P	14 00 38.0	-0.4
LPSR	Galich'ya Gora	58.62	342	eP	P	14 00 38.8	0.0
LPSR				Pmax	Pmax		
PDGG	Podgornoye	58.81	309	P	P	14 00 40.7	+0.3
PDGG				Pmax	Pmax		
SHLS	Shalkode	58.98	309	iP	P	14 00 39.6	-1.9
SHLS	comp=Z,49nm,1.2s			LR	LR	14 25 25.5	
SHLS	comp=Z,210nm,11.2s			LR	LR	14 25 25.5	
UZB	Uzymbulak	59.12	309	iP	P	14 00 41.4	-1.2
KUU	Kuryi	59.22	311	iP	P	14 00 40.0	-2.2
KUU	comp=Z,156nm,1.7s			LR	LR	14 28 10.8	
ZHN	Zhishik	59.27	310	iP	P	14 00 42.7	-0.9
ZHN	comp=Z,177nm,1.5s			Pmax	Pmax		
ZAIG	Zacatecas	59.30	105	eP	P	14 00 45.2	+1.0
GKP	Gorka Kiaszor	59.44	357	eP	P	14 00 45.2	+0.8
GKP	Gorka Kiaszor	59.44	357	eP	P	14 00 45.2	+0.8
VRH	Novokhopyporsk	59.65	340	eP	Pmax	14 00 45.1	-0.8
AAA	Alma-Ata	59.68	311	iP	P	14 00 45.9	-0.5
AAA	comp=Z,91nm,2.5s			P	P	14 00 44.2	-2.3
MDOK	Medeo	59.69	311	iP	P	14 00 45.4	-0.2
MDOK	comp=Z,304nm,1.3s			LR	LR	14 29 03.8	
VSR	Storozhevoje	59.96	342	eP	P	14 00 48.0	0.0
VSR	comp=Z,574nm,12.4s			Pmax	Pmax		
ENH	Enshi	60.12	277	eP	P	14 00 48.7	-0.8
ENH	comp=Z,28nm,0.9s			P	P	14 00 48.8	-0.8
BMNS	Besmoynak	60.13	312	eP	P	14 00 48.8	-0.8
USP	Ospenovka	60.32	313	P	P	14 00 51.1	+0.4
TKM2	Tokmak 2	60.33	312	P	P	14 00 52.0	+1.0
TKM2	SNR=5.5			P	P	14 00 52.8	+0.8
CHMS	Chumysk	60.50	312	P	P	14 00 54.7	+0.8
KBK	Karagaybulak	60.76	312	P	P	14 00 55.0	+1.4
BEL	Belsk	60.78	355	eP	P	14 00 55.0	+1.4
BEL	Belsk	60.78	355	eP	P	14 00 55.0	+1.4
AAK	Ala-Archa	60.90	312	eP	P	14 00 55.6	+0.8
AAK	comp=Z,58nm,0.9s,baz=77,slow=2.1,SNR=58			Pmax	Pmax		
AAK	Ala-Archa	60.90	312	eP	P	14 00 55.4	+0.6
AAK	comp=Z,84nm,1.0s			Pmax	Pmax		
AAK	Ala-Archa	60.90	312	eP	P	14 00 55.5	+0.7
AAK	SNR=22			P	P	14 00 55.1	+0.2
AAK	Ala-Archa	60.90	312	eP	P	14 00 56.4	+1.6
AAK	comp=Z,84nm,0.9s			P	P	14 00 56.4	+1.6
AAK	Ala-Archa	60.90	312	P	P	14 00 56.4	+1.6
EKS2	Erkin-Say	61.08	313	P	P	14 00 56.8	+0.8
KZA	Karat	61.20	312	P	P	14 00 58.3	+1.1
UCH	Uchtor	61.28	312	P	P	14 00 58.5	+0.7
UCH	SNR=12			P	P	14 00 57.8	-0.3
CLL	Colim	61.44	0	iP	P	14 01 39.0	
CLL				e	e	14 01 39.0	
CLL	comp=Z,85nm,1.7s			Pmax	Pmax		
CLL	Colim	61.44	0	iP	P	14 00 57.8	-0.3
CLL	comp=Z,85nm,1.7s			ePcP	PcP	14 01 39.0	-0.9
CLL				eSS	SS	14 13 36.0	+1.9
CLL				LMv	LMv	14 30 00.0	
CLL	comp=Z,200nm,20.0s			eP	P	14 00 57.9	-0.3
CLL	Colim	61.44	0	eP	P	14 00 58.1	-0.1
CLL	comp=Z,38nm,1.2s			P	P	14 00 58.1	-0.1
AKASG	Malin Array Be	61.44	349	P	P	14 00 58.0	-0.1
AKASG	comp=Z,16nm,0.6s,baz=9.4,slow=6.7,SNR=49			Pmax	Pmax		
AKASG	Malin Array Be	61.44	349	iP	P	14 00 58.0	-0.1
AKASG				Pmax	Pmax		
AKBB	Malin Array Si	61.44	349	eP	P	14 00 58.1	0.0
AKBB	comp=Z,120nm,1.4s			Pmax	Pmax		
AKBB	Malin Array Si	61.44	349	eP	P	14 00 57.2	-0.9
AKBB	comp=Z,116nm,1.4s			Pmax	Pmax		
KIEV	Kiev	61.45	349	eP	P	14 00 57.5	-0.7
KIEV				Pmax	Pmax		
KIEV	comp=Z,100nm,1.4s			P	P	14 00 57.2	-0.9
KIEV	Kiev	61.45	349	eP	P	14 00 57.2	-0.9
KIEV	comp=Z,103nm,1.4s			P	P	14 00 57.2	-1.1
AK11	Malin Array Si	61.47	349	eP	P	14 00 58.6	-0.3
AK11	757A	61.52	83	P	P	14 00 58.9	-0.3
KK31	Karatay Array	61.57	316	iP	P	14 00 58.9	-0.3
KK31							

IDC 21 13:53:27.0... mb1 3.8/5, mb1mx3.0/29, Error ellipse: s-maj=33.3km s-min=20.0km az=61.0

mb1 4.2/9, mb1mx3.9/35, mbtmp4.2/9, ML3.3/1, MS3.5/3, Ms1 3.5/3, ms1mx3.0/29, Error ellipse: s-maj=33.3km s-min=20.0km az=61.0

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, h m s, ISC. Lists stations like AFI Afiamalu, DZM Mont Dzumac, URZ Urewera, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, h m s, ISC. Lists stations like LZH Lanzhou, LZH comp=N,930nm,1.0s, LZH comp=E,2um,1.0s, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, h m s, ISC. Lists stations like VNA3 Neumayer Olymp, SNAA Sanae, PLCA Paso Flores, etc.

IDC 21 15:01:28.6... mb3.8/14, MS2.6/2, Error ellipse: s-maj=22.7km s-min=7.8km az=9.7

IDC 21 14:00:05.2... mb1 3.8/5, mb1mx3.2/53, mbtmp4.0/5, ML2.4/4, Error ellipse: s-maj=69.7km s-min=29.3km az=31.0

IDC 21 14:29:50.6... mb1 3.8/5, mb1mx3.2/53, mbtmp4.0/5, ML2.4/4, Error ellipse: s-maj=69.7km s-min=29.3km az=31.0

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, h m s, ISC. Lists stations like GUMO Guam, H1S3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, h m s, ISC. Lists stations like SAUI Saumlaki, SAUI Masohi, SAUI Fak Fak, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, h m s, ISC. Lists stations like PTK Pertek, DYBB Diyarbakir, DYYB Diyarbakir, etc.

IDC 21 15:03:27.2... mb3.6/7, MS4.1/1, Error ellipse: s-maj=8.4km s-min=6.0km az=150.2

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, h m s, ISC. Lists stations like CADS Cadrq, CADS Cadrq, CADS Cadrq, etc.

NIED 21 14:36:00, 37.90N, 138.10E, h11km, Mw3.6 Best double couple: M2.41000x1014 NP1.0s=46.00000, 839.00000, 1.17.00000, NP2.0s=193.00000, 856.00000, 1.70.00000

NEIC 21 15:03:28.1... mb3.6/7, MS4.1/1, Error ellipse: s-maj=37.1km s-min=7.6km az=152.0

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, h m s, ISC. Lists stations like BATI Baumata, FITZ Fitzroy Crossi, WRA Warrungama Arr, etc.

JMA 21 14:36:24.5, 37.91N, 138.15E, h15km, Mw3.9, 3C-4D Broadband fault plane solution: waves: NP1: 0.160.00000, 1.164.00000, 1.663.00000, NP2: 0.664.00000, 3.25.00000, 1.164.00000 Principal axes: T: P1g46.00000, Azm54.00000, N: P1g24.00000, Azm171.00000, N: P1g34.00000, Azm279.00000; Near west coast of eastern Honshu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, h m s, ISC. Lists stations like JSD Sado, JSD Sado, JIZJ Izumozaki, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, h m s, ISC. Lists stations like URZ Urewera, URZ Urewera, URZ Urewera, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, h m s, ISC. Lists stations like COLD Coldfoot, INK Inuvik, PETK Petkavlovsk, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, h m s, ISC. Lists stations like URZ Urewera, URZ Urewera, URZ Urewera, etc.

IDC 21 14:23:44.6... mb1 3.8/5, mb1mx3.0/29, Error ellipse: s-maj=33.3km s-min=20.0km az=61.0

IDC 21 14:54:25.2... mb3.4/13, mb1 3.6/15, mb1mx3.4/48, mbtmp4.3/15, Error ellipse: s-maj=17.9km s-min=11.4km az=136.0

IDC 21 14:54:25.4... mb3.4/13, mb1 3.6/15, mb1mx3.4/48, mbtmp4.3/15, Error ellipse: s-maj=17.9km s-min=11.4km az=136.0

21d 16h

Table with columns: MKAR, EKA, AKTO, CMAR, Station Name, Time, Res, etc.

JMA 21 15:04:31.4, 37.75N, 139.99E, h7km±1km, M2.6, Eastern Honshu

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

MAN 21 15:06:00, 10.04N, 123.01E, h39km, mb4.2, ML3.0, MS2.7, IC, Cebu

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

MAN 21 15:19:21, 13.81N, 122.73E, h7km, mb4.4, ML3.3, MS3.0, ZC, Luzon

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

SJA 21 15:26:50.8, 0.4, 25.38S, 71.27W, h27km, 125km, ML3.6, MW3.2, 1D, Off coast of northern Chile

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

IDC 21 15:27:00.9, 3.2, 22.55S, 70.14W, h0km, mb4.0/1, mb1.4/0.2, mb1mx3.5/3.7, mbtm3.9/2, ML3.7/1, Error ellipse: s-maj=106.8km, s-min=59.6km az=92.0

ISCJB 21 15:27:25.5, 1.4, 20.14S, 0.05S, 70.3W, 0.1, h86km±14km, mb3.7/1, Error ellipse: s-maj=17.1km s-min=8.0km az=170.6

GUC 21 15:27:26.3, 0.8, 20.15S, 70.37W, h41km, 3km, ML3.3

ISC 21 15:27:23.5, 1.6, 20.12S, 0.06S, 70.4W, 0.1, h90km±12km, n11, c274/14, 2C, Near coast of northern Chile

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

ISCJB 21 15:40:48.6, 1.8, 7.3S, 0.4, 13.1W, 0.3, h10km, mb4.0/6, MS3.4/2, Error ellipse: s-maj=64.7km s-min=7.9km az=143.0

IDC 21 15:40:48.2, 4.3, 7.10S, 13.57W, h0km, mb4.0/6, mb1.4/1.7, mb1mx3.7/6.5, mbtm3.4/7.0, ML3.5/1, MS3.4/13, Ms1.3/4.13, ms1mx3.1/5.6, Error ellipse: s-maj=143.0km s-min=80.9km az=115.0

ISC 21 15:40:50.4, 2.3, 7.2S, 0.6, 13.2W, 0.5, h10km, n26, c1500/13, mb4.1/6, MS3.5/12, Ascension Island region

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

20 FEB

Table with columns: LIC, KIC, TIC, DBIC, KOWA, KOWA, TOR, TOR, BOSA, MATP, CPUP, KMBU, LPAZ, IDI, DAVOX, GERES, PLCA, ROSC, BRTR, AKASO, KZAB, WSAR, Station Name, Time, Res, etc.

ISCJB 21 15:46:22.7, 0.5, 19.94S, 0.03S, 70.24W, 0.06, h66km±5km, mb4.2/6, Error ellipse: s-maj=9.5km s-min=4.7km az=171.8

NEIC 21 15:46:22.6, 0.7, 20.03S, 70.06W, h44km, 6km, ML4.6(GUC), Error ellipse: s-maj=13.1km s-min=10.6km az=78.0

NEIC Felt [V] at Hoto Hospicio and Quique; [III] at Huara and Pisagua; [II] at Mamina.

GUC 21 15:46:22.6, 0.6, 19.93S, 70.25W, h49km, 1km, ML4.6

IDC 21 15:46:23.0, 0.8, 19.92S, 69.89W, h43km, 7km, mb4.0/7, mb1.4/1.9, mb1mx3.8/4.5, mbtm3.4/2.9, ML3.7/2, MS3.4/12, Ms1.3/4.12, ms1mx3.2/4.8, Error ellipse: s-maj=25.0km s-min=19.8km az=88.0

ISC 21 15:46:23.1, 0.6, 19.98S, 0.04S, 70.21W, 0.06, h47km±5km, n44, c1546/48, mb4.3/7, MS3.7/7, 1C-1D, Near coast of northern Chile

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

comp=E, 17.0m, 0.4s

comp=N, 14.0m, 0.3s

comp=N, 4.0m, 0.6s

comp=N, 4.5m, 0.3s, baz=213, slow=7.4, SNR=107

comp=N, 13.0m, 0.4s

comp=N, 1.85m, 20.2s, baz=297, slow=43

comp=N, 0.7m, 0.3s, baz=132, slow=9.3, SNR=3.7

comp=N, 1.8m, 0.3s, baz=197, slow=20, SNR=2.2

comp=N, 1.21m, 20.1s, baz=160, slow=36

comp=N, 0.1m, 0.3s, baz=306, slow=14, SNR=2.0

comp=N, 1.10m, 20.9s, baz=266, slow=41

comp=N, 1.13m, 20.9s, baz=176, slow=39

comp=N, 2.0m, 0.8s, baz=28, slow=12, SNR=7.8

comp=N, 6.0m, 0.4s, baz=309, slow=22, SNR=15

comp=N, 6.2m, 18.7s, baz=328, slow=38

comp=N, 4.4m, 20.7s, baz=37, slow=57

comp=N, 4.0m, 18.2s, baz=70, slow=30

comp=N, 4.5m, 21.5s, baz=302, slow=34

comp=N, 3.0m, 0.7s, baz=209, slow=4.3, SNR=4.3

comp=N, 1.8m, 0.7s, baz=276, slow=1.7, SNR=16

comp=N, 0.3m, 0.7s, baz=62, slow=10, SNR=2.7

comp=N, 5.2m, 18.4s, baz=341, slow=38

comp=N, 1.2m, 0.5s, baz=236, slow=10.0, SNR=4.4

comp=N, 5.9m, 19.7s, baz=212, slow=34

comp=N, 2.8m, 0.5s, baz=250, slow=5.3, SNR=33

comp=N, 3.5m, 19.1s, baz=325, slow=35

comp=N, 2.1m, 0.8s, baz=135, slow=4.8, SNR=36

comp=N, 1.0m, 0.8s, baz=136, slow=4.8, SNR=6.3

WAKE ISLAND Hy26.47 279 T

WAKE ISLAND Hy26.47 279 T

WAKE ISLAND Hy26.48 279 T

WAKE ISLAND Hy26.51 280 T

WAKE ISLAND Hy26.53 280 T

WAKE ISLAND Hy26.53 280 T

WAKE ISLAND Hy26.53 280 T

WAKE ISLAND Hy26.53 280 T

WAKE ISLAND Hy26.53 280 T

WAKE ISLAND Hy26.53 280 T

WAKE ISLAND Hy26.53 280 T

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Table with columns: ASAR, WRA, KURB, ZALV, ZALV, MKAR, MKAR, KLR, MJAR, MJAR, SONM, SONM, ULN, ULN, Station Name, Time, Res, etc.

IDC 21 15:46:56.2, 1.0, 1.09N, 125.60E, h0km, mb4.0/5, mb1.4/1.6, mb1mx3.7/5.5, mbtm3.4/0.6, MS2.7/3, Ms1.2/7.3, ms1mx2.4/5.3, Error ellipse: s-maj=103.1km s-min=17.1km az=87.0

ISCJB 21 15:47:00.5, 0.7, 1.37N, 0.07S, 126.18E, 0.05, h54km, mb4.0/6, MS2.6/1, Error ellipse: s-maj=10.7km s-min=6.4km az=20.5

DJA 21 15:47:00.8, 1.3, 1.1N, 3x12.6E, h16km±9km, M3.9/6, ML3.9/6

NEIC 21 15:47:03.3, 1.3, 1.28N, 126.18E, h61km±12km, mb4.2/1, Error ellipse: s-maj=16.7km s-min=12.2km az=195.0

ISC 21 15:47:03.3, 0.8, 1.25N, 0.07S, 126.16E, 0.06, h54km, n23, c1939/23, mb4.0/6, Northern Molucca Sea

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

IDC 21 16:08:36.8, 2.6, 23.41N, 142.65E, h96km±25km, mb3.0/6, mb1.3/2.8, mb1mx3.0/7.3, mbtm3.3/5.8, Error ellipse: s-maj=47.9km s-min=17.1km az=83.0

JMA 21 16:08:40.3, 23.70N, 142.25E, h159km, 1km, M4.7

ISC 21 16:08:38.0, 1.3, 23.49N, 0.08S, 142.45E, 0.3, h102km, n20, c1596/24, mb3.3/6, Volcano Islands region

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

IDC 21 16:11:19.9, 0.8, 49.87N, 126.38W, h0km, mb3.4/1, mb1.3/1.7, mb1mx3.4/7.7, mbtm3.3/6.7, ML3.2/7, MS3.3/3, Ms1.3/3.3, ms1mx2.8/3.0, Error ellipse: s-maj=22.7km s-min=6.1km az=60.0

PGC 21 16:11:20.8, 0.0, 49.88N, 126.69W, h43km, ML3.5/37, M3.5/37, 42km west of Gold R., Bc Vancouver Island, Canada Region

ISC 21 16:11:19.5, 1.0, 49.66N, 0.02S, 126.74W, 0.02, h16km±8km, n87, c1548/114, Vancouver Island region

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

21d 17h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Type, and Azimuth/Elevation Accuracy. Includes stations like BMO, FURC, GSC, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Type, and Azimuth/Elevation Accuracy. Includes stations like X39A, R39A, T39A, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Type, and Azimuth/Elevation Accuracy. Includes stations like RETA, FETA, DAVA, etc.

ISCJB 21 16:45:53.5, 1.0, 49.75; 0.1x119.3E; 0.4, h10km, mb3.9/3, MS3.4/6, Error ellipse: s-maj=41.9km s-min=16.8km az=8.3

IDC 21 16:45:54.0, 2.1, 49.695; 119.28E, h0km, mb3.9/2, mb1 4.1/3, mb1mx3.7/43, mbtmp4.0/3, ML2.3/1, MS3.4/6, M1 3.4/6, ms1x3.0/33, Error ellipse: s-maj=72.5km s-min=46.6km az=67.0

NEIC 21 16:45:55.0, 0.8, 49.705; 119.35E, h10km, mb4.6/2, Error ellipse: s-maj=37.6km s-min=17.9km az=95.0

ISC 21 16:45:55.0, 3.9, 49.75; 0.1x119.4E; 0.3, h10km, n20, az=45.9, mb3.8, MS3.4/6, Western Indian-Antarctic

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Type, and Azimuth/Elevation Accuracy. Includes stations like H01W2, H01W1, H01W3, etc.

JMA 21 17:03:17.2, 35.08N, 135.60E, h12km, M2.5, Western

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Type, and Azimuth/Elevation Accuracy. Includes stations like JWA, JWE, JHE, etc.

ISCJB 21 17:16:55.6, 0.7, 67.82N; 0.07, 166.36W; 0.2, h10km, mb3.4/7, Error ellipse: s-maj=10.9km s-min=7.7km az=20.9

IDC 21 17:16:56.7, 1.4, 67.94N; 166.54W, h0km, mb3.4/7, mb1 3.7/8, mb1mx3.4/78, mbtmp3.4/8, ML2.3/1, Error ellipse: s-maj=56.8km s-min=18.1km az=25.0

NEIC 21 17:16:57.0, 0.6, 67.96N; 167.15W, h20km, ML3.3(AEIC), After AEIC.

ISC 21 17:16:57.3, 0.8, 67.71N; 0.08, 166.32W; 0.07, h10km, n38, az=208/43, mb3.4/7, Bering Strait

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Type, and Azimuth/Elevation Accuracy. Includes stations like GAMB, GAMB, GAMB, etc.

Table with columns: ILAR, Eielson Array, 8.37 101 Pn, Pn, 17 18 59.0 +0.7, etc.

ISC 21 17:26:36.9, 1.3, 36.65N, 141.03E, h0km, mb3.5/6, mb1 3.6/7, mb1mx3.4/66, mbtpr3.5/7, ML3.2/1, Error ellipse: s-maj=35.6km s-min=21.2km az=74.0

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

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

ISC 21 17:37:38.2±3.5, 30.345±177.78W, h0km, mb3.3/2, mb1 3.6/2, mb1mx3.4/40, mbtpr3.3/2, Error ellipse: s-maj=73.8km s-min=23.2km az=109.0, Kermadec Islands

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

ISC 21 17:44:39.0±1.7, 4.44N, 74.56W, h0km, mb3.1/1, mb1 3.6/2, mb1mx3.2/47, mbtpr3.4/2, ML2.7/1, MS2.9/1, MS1 3.0/1, ms1mx2.7/6, Error ellipse: s-maj=74.6km s-min=10.0km az=125.0

ISC 21 17:44:41.9±0.7, 4.61N, 74.54W, h0km, 3km, ML3.3, ISC 21 17:44:41.6±1.3, 4.60N, 0.03:74.54W, h0km, 9km, n21, c0871/33, 2C-1D, Colombia

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

Table with columns: GUYC, Santa Helena, 1.86 328 eP, Pn, 17 45 28.8, etc.

ISCJTB 21 17:58:55.9±0.4, 35.49N, 103.140:11E, 0.05, h68km, 3km, mb4.3/8, Error ellipse: s-maj=7.3km s-min=4.4km az=141.5

NEIC 21 17:58:56.3±0.7, 35.48N, 140.21E, h55km, 7km, mb4.7/4, Error ellipse: s-maj=13.2km s-min=9.3km az=68.0, JMA 21 17:58:56.2±0.2, 35.56N, 140.13E, h63km, 2km, M3.2, Broadband fault plane solution: P waves. NP1: p=66.00000, s=71.00000, t=-62.00000, NP2: p=187.00000, s=34.00000, t=-144.00000, Principal axes: T: P1g21.00000, Azm135.00000, N: P1g27.00000, Azm236.00000, P: P1g55.00000, Azm12.00000

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

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

ASAJ Asahikawa 8.80 12 eP Pn 18 00 59.3 -1.9, H1N2 WAKE ISLAND Hy 28.32 117 T 18 34 22.7

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

WRA Warramunga Arr 55.42 187 eP P 18 08 24.4 -0.4, WRA Warramunga Arr 55.42 187 P 18 08 24.4 -0.4

GMCT Greybluff 77.52 42 eP pP 18 11 02.7 -0.4, DGMT Dagmar 78.67 38 eP P 18 10 52.2 ±0.1

P18A Preston Nutter 81.03 47 eP P 18 11 03.7 -1.7

MAN 21 18:08:27.10±0.5N, 122.87E, h27km, mb3.6, ML2.3, MS1.8, 3C, Panay

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

ellipse: s-maj=46.7km s-min=18.0km az=146.0, GCMT 21 18:13:52.3±0.4, 16.58S, 176.76E, h26km, 1km, MW4.9/73, Moment Tensor Solution, s26, c30; s73, c30; Duration: 0.01, Moment tensor: Scale 10^19Nm; Mr=0.18; 1; Mw=0.01; 1; 1; Mw=0.17; 0.9; Mw=0.45; 1.9; Mw=2.26; 0.7; Ms=0.63; 1.7; Best double couple: M=2.39400x10^16 NP1: p=0.00000, s=79.00000, t=-164.00000, NP2: p=267.00000, s=874.00000, t=-11.00000, Principal axes: T: 2.3610, P1g3.0000, Azm133.0000; N: 0.0650, P1g71.0000, Azm33.0000; P: -2.4270, P1g19.0000, Azm225.0000; nst1 refers to surface waves, cutoff=40s.

ISC 21 18:13:49.3±0.9, 16.55S, 0.2:176.8E, 0.2, h14km, n42, c192/17, mb3.9/10, MS3.5/20, Fiji Islands region

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

TAP 21 18:14:37.6±24.58N, 122.31E, h1km, 1km, ML2.5, C, ISCJTB 21 18:14:39.4±0.4, 24.57N, 0.03:122.34E, 0.02, h11km, 3km, Error ellipse: s-maj=5.7km s-min=2.4km az=13.7, JMA 21 18:14:39.9, 24.54N, 122.31E, h23km, 2km, M1.9, ISC 21 18:14:38.2±1.0, 24.58N, 0.03:122.37E, 0.02, h13km, 9km, n40, c0949/59, Taiwan region

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

21d 19h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WFSB Wu-fen Shan, ENTT Nioudou, NACB Ninganchiao, etc.

IDC 21 18:15:50.2-1.6, 50S:128.94E, h0km, mb3.2/1, mb1 3.2/3, mb1mx3.1/5.4, mbtmp3.1/3, ML3.2/2, Error ellipse: s-maj=133.4km s-min=30.9km az=67.0, Banda Sea

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

IDC 21 18:19:41.8-1.3, 35:75N:21:74E, h0km, mb3.9/4, mb1 0.4/4, mb1mx3.4/6.0, mbtmp3.9/4, ML2.6/1, MS3.2/2, Ms1 3.2/2, ms1mx2.3/3.0, Error ellipse: s-maj=37.9km s-min=24.3km az=141.0

ISCJB 21 18:19:44.5-1.6, 35:52N:0:05-21:86E:0:07, h15km, 11km, mb3.8/4, MS3.8/1, Error ellipse: s-maj=10.5km s-min=6.7km az=136.8

ATH 21 18:19:44.6-0.5, 35:64N:21:90E, h6km, 2km, ML3.0/5, Error ellipse: s-maj=3.9km s-min=1.2km az=43.0

CSEM 21 18:19:46.0-0.5, 35:66N:22:01E, h2km, ML3.0, Error ellipse: s-maj=10.8km s-min=5.7km az=38.0

THE 21 18:19:47.9, 35:67N:22:08E, h7km, 1km, ML3.0/6, Error ellipse: s-maj=2.5km s-min=1.2km az=53.0

ISC 21 18:19:44.1-1.6, 35:50N:0:05-21:89E:0:05, h13km, 9km, n57, r175/72, mb3.9/4, Central Mediterranean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KYTH Kithira, ANKY Antikythira Is, PYL Pylos, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TRIP Tripoli, DID Didima, DRO Drossia, etc.

ISCJB 21 18:59:49.3-0.7, 43:94N:0:05-105:13W:0:08, h0km, Error ellipse: s-maj=9.4km s-min=6.0km az=29.7

IDC 21 18:59:50.3-1.9, 43:76N:105:41W, h0km, mb1 3.1/3, mb1mx3.0/6.1, mbtmp2.8/3, ML2.8/3, Error ellipse: s-maj=43.8km s-min=9.2km az=148.0

NEIC 21 18:59:51.2-1.0, 43:91N:105:33W, h0km, ML3.0, Error ellipse: s-maj=16.0km s-min=11.4km az=157.0, Suspected Mining explosion.

NEIC 21 18:59:51.3-0.9, 43:93N:105:25W:0:04, h0km, n23, r1943/25, Wyoming

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RSSD Black Hills, K22A Casper, LAO Lasa Array, etc.

ISCJB 21 19:13:42.1-0.7, 36:05N:0:05-139:94E:0:07, h57km, 6km, mb3.2/3, Error ellipse: s-maj=9.9km s-min=7.4km az=140.8

JMA 21 19:13:43.8-0.1, 36:07N:139:91E, h4km, 1km, M3.1, JMA Felt J1

IDC 21 19:13:45.3-3.9, 35:89N:139:64E, h64km, 25km, mb3.1/3, mb1 3.2/4, mb1mx2.9/5.8, mbtmp3.4/4, ML3.4/1, Error ellipse: s-maj=63.5km s-min=8.1km az=62.0

ISC 21 19:13:42.9-1.0, 36:07N:139:95E:0:06, h51km, 10km, n12, r081/19, mb3.4/3, Eastern Honsu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JYT Yasato, JAG Ashikaga, JRY Ryogami san, etc.

MEX 21 19:26:33.2-0.6, 15:58N:93:63W, h94km, 6km, MD3.8, Near coast of Chiapas

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

MAN 21 19:29:05.9, 9:67N:123:35E, h33km, mb3.5, ML2.2, MS1.7, 1C, Negros

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SNPH Sibulan, SNPH Lapu-Lapu, GUIM Jordan, etc.

NEIC 21 19:36:50.7, 0.0, 19:27N:68:00W, h33km, 29km, MD3.0/4, 5C-10, Mona Passage

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDE Isla Descecho, IDE Isla Descecho, AGPR Aguaquilla, etc.

ISCJB 21 19:39:56.5-0.9, 51:47N:16:10E, h0km, ML2.2/5, Error ellipse: s-maj=5.9km s-min=3.5km az=4.0, Suspected Mining induced.

CSEM 21 19:40:03.0-0.6, 51:38N:16:11E, h2km, ML2.6/8, Error ellipse: s-maj=9.2km s-min=5.8km az=14.0

ISCJB 21 19:40:04.0-0.9, 51:31N:0:04-16:02E:0:04, h0km, Error ellipse: s-maj=6.0km s-min=3.1km az=17.6

ISC 21 19:40:05.3-1.3, 51:32N:0:06-16:02E:0:03, h0km, n25, r15/45, Poland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSP Ksiaz, UPC Upiace, UPC Upiace, etc.

ISCJB 21 19:40:03.0-0.6, 51:38N:16:11E, h2km, ML2.6/8, Error ellipse: s-maj=9.2km s-min=5.8km az=14.0

ISC 21 19:40:05.3-1.3, 51:32N:0:06-16:02E:0:03, h0km, n25, r15/45, Poland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DPC Dobruska-Polom, DPC Dobruska-Polom, PVCC Panska Ves, etc.

ISCJB 21 19:40:03.0-0.6, 51:38N:16:11E, h2km, ML2.6/8, Error ellipse: s-maj=9.2km s-min=5.8km az=14.0

ISC 21 19:40:05.3-1.3, 51:32N:0:06-16:02E:0:03, h0km, n25, r15/45, Poland

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

BUI 21 19:40:58.6-5.3, 38S:11:02W, h11km, mb4.9/2, mb5.5/7, Ms5.1/6, Ms7.4/9.6

IDC 21 19:40:59.9-0.9, 4:52S:12:22W, h0km, mb4.2/15, mb1 4.3/16, mb1mx4.0/6.1, mbtmp4.2/16, ML3.2/1, MS3.6/15, Ms1 3.6/15, ms1mx3.3/5.6, Error ellipse: s-maj=25.1km s-min=16.4km az=80.0

NEIC 21 19:40:02.0-0.4, 4:46S:11:96W, h10km, mb4.8/12, Error ellipse: s-maj=13.5km s-min=10.9km az=113.0

ISC 21 19:41:01.7-0.5, 4:52S:12:22W, h0km, n82, r250/67, mb4.5/27, MS3.7/18, 2C, North of Ascension Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H10N2 ASCENSION HYDR, ASCN Ascension, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H1052 ASCENSION HYDR 5.18 213 T, H1053 ASCENSION HYDR 5.18 214 T, DBIC Dimbokro, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA1 Warramunga Arr 138.70 127 ePKPdf, WRA Warramunga Arr 138.70 127 PKP, IDC 21 19:41:15.3z-2.1, 15:90Sx175:65W, h0km, mb3.6/6, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SNR=45, THW Thamme Wali, UCH Uchter, AML Almayashu, etc.

az=165.1
IDC 21 22:17:20.1+1.4, 37.18N; 142.01E, h0km, mb3.8/2,
mb1 3.8/7, mb1mx3.6/59, mbtmp3.8/7, ML3.2/2, Error
ellipse: s-maj=36.6km s-min=23.5km az=67.0

ellipse: s-maj=33.9km s-min=22.1km az=34.0
ISC 21 22:41:09.5-1.2, 57.30N; 02:23.1W, 0.2, h15km, n14,
s106/11, mb3.5/10, Reykjanas Ridge

mb1 4.0/19, mb1mx3.8/70, mbtmp3.8/19, MS3.7/44,
Ms1 3.7/44, ms1mx3.6/60, Error ellipse: s-maj=22.0km
s-min=15.0km az=0.0
ISCJB 21 22:53:58.3+0.5, 30.1N; 01:42:50W, 0.09, h14km,
mb3.9/19, MS3.7/44, Error ellipse: s-maj=16.0km
s-min=11.3km az=179.5

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JFK, ONAJ, JMM, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BORG, EDCG, FINES, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SJG, SCHO, SCHO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WEL, North Island, KAHZ, etc.

NIED 21 22:43:00.37, 80N, 142.60E, h29km, Mw3.7 Best double
couple: Ms1 75000.0/104, NP1a:150.00000, 865.00000,
lambda1 00000.0, NP2:248.00000, 873.00000, lambda2 00000.0

IDC 21 22:43:21.7+1.1, 37.80N; 142.63E, h0km, mb3.7/7,
mb1 3.8/11, mb1mx3.6/67, mbtmp3.9/11, ML3.9/4, MS2.3/2,
Ms1 2.3/2, ms1mx2.0/60, Error ellipse: s-maj=26.3km
s-min=17.1km az=107.0

mb1 4.0/19, mb1mx3.8/70, mbtmp3.8/19, MS3.7/44,
Ms1 3.7/44, ms1mx3.6/60, Error ellipse: s-maj=22.0km
s-min=15.0km az=0.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JIO, JMM, JJK, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DAVOS, KEST, TOR, etc.

PGC 21 22:26:45.2+9.5, 50.25N; 129.96W, h10km, MLN2.8/4,
Mw3.5/4, 187km west of Pt. Hardy, BC Vancouver
Island, Canada Region, Vancouver Island region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like HOLB, BPBC, PACB, etc.

IDC 21 22:34:31.2+2.3, 6.99S; 128.57E, h0km, mb3.3/2,
mb1 3.6/4, mb1mx3.3/54, mbtmp3.5/4, ML3.7/2, MS3.2/1,
Ms1 3.2/1, ms1mx3.3/54, Error ellipse: s-maj=284.5km
s-min=29.5km az=67.0, Banda Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WRA, ASAR, NWAOW, etc.

MAN 21 22:49:32.9, 91N; 122.96E, h53km, mb3.5, ML2.2, MS1.6,
2C, Negros

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SNPH, GUMJ, etc.

ISCJB 21 22:51:40.0, 0.9, 12.9N; 01:145.7E, 0.2, h43km, mb3.9/8,
Error ellipse: s-maj=26.4km s-min=12.8km az=138.5

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BOSA, PETK, etc.

DJA 21 22:40:37.5-0.6, 8.5S; -107E, h23km, Mw3.9/13,
mb4.5/1, MLV3.6/13, Jawa

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CISI, CMJI, etc.

IDC 21 22:51:44.9-2.2, 12.98N; 145.35E, h62km, 13km, mb3.3/7,
mb1 3.5/7, mb1mx3.2/67, mbtmp3.6/7, Error ellipse:
s-maj=22.6km s-min=8.2km az=88.0

ISC 21 22:51:42.1-1.1, 12.9N; 01:145.6E, 0.2, h43km, n10,
s101/11, mb3.8/8, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GUMO, WRA, etc.

NEIC 21 23:02:46.2, 0.0, 66.32N; 142.42W, h5km, ML3.7(AEIC),
After AIC

IDC 21 23:02:46.6, 0.0, 66.55N; 142.54W, h0km, mb3.7/5,
mb1 4.0/10, mb1mx3.5/83, mbtmp3.7/10, ML3.4/5, MS3.1/3,
Ms1 3.1/3, ms1mx2.6/63, Error ellipse: s-maj=22.0km
s-min=10.8km az=141.0

PGC 21 23:02:50.2, 1.3, 66.27N; 142.31W, h30km, ML3.6/2,
280km northwest of Dawson, Yt Northern Alaska

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Eielson Array, Dawson, College, Dot Lake, Coldfoot, Paxson, Paxson, McKinley, Inuvik, INK, HAARP, Bear Paw Mtn., Thorofore Moun, Kantishna Hill, Sawmill, Purkeypille, Pinnacle, Simpson Lake, Whitehorse, Lake De Bois, Pleasant Camp, Dharma Camp, Dease Lake, Kugliuk, Heppburn Lake, Yellowknife Ar, Yellowknife Ar, Yellowknife Ar, White Fish Lak, Resolute Bay, Tiksi, Pinedale Array, Minna Array, Lajitas Array, FINESS Array, Eskdalemuir Ar, Rapa Nui.

MAN 21 23:07:32, 1029N, 123.31E, h29km, mb3.6, ML2.3, MS1.8, 1C, Cebu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Luwuk, Jordan, Gibinong, Marisa, Sanana, Mapaga, Tana Toraja, Kappang.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Balikpapan, FAKI, FAKI, SOEI, KKM, KKM, FITZ, WRAB, WRA, WRA, IPM, ASAR, CMAR, CMAR, CHTO, STKA, LSA, SONM, MKAR, MKAR, KURBB, KURK, TORO, TORO.

IDC 21 23:26:18.5, 4.6, 49.54S, 114.78E, h0km, mb3.8/2, mb1 4.0/2, mb1mx3.7/36, mbtmp3.8/2, Error ellipse: s-maj=786.0km s-min=67.9km az=122.0, Western Indian-Antarctic Ridge

GUC 21 23:30:47.9, 0.4, 37.58S, 74.42W, h6km, gkm, ML3.6, 1C, Off coast of central Chile

IDC 21 23:40:41.0, 1.7, 2.27N, 125.48E, h0km, mb3.6/5, mb1 3.6/5, mb1mx3.5/53, mbtmp3.7/5, Error ellipse: s-maj=110.2km s-min=24.0km az=67.0, Talaud Islands

ISCJB 21 23:44:19.9, 0.7, 38.54N, 0.04, 39.70E, 0.06, h9km, Error ellipse: s-maj=7.6km s-min=4.6km az=154.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Pertek, Pertek, Tunceli-Merkez, Tunceli-Merkez, Elazig, Elazig, Diyarbakir, Diyarbakir, Malatya, Malatya, MAZI, MAZI, URFA, URFA.

IDC 21 23:48:19.1, 4.1, 35.84N, 70.65E, h52km, 35km, mb3.6/10, mb1 3.7/14, mb1mx3.4/67, mbtmp3.9/14, ML3.5/6.2, MS1 3/6.2, ms1mx2.6/59, Error ellipse: s-maj=27.3km s-min=21.3km az=162.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Sfk, Sfk, Thein Dam, Thein Dam, Almayshu, Almayshu, Manas, Manas, UCH, UCH.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Kyzart, Erkin-Say, Khatay Array, Al-Archa, Al-Archa, Chumysh, Oshpenovka, Tokmak 2, Tokmak 2, Alibek, Alibek, Piuthan, Piuthan, Makanchi Array, Makanchi Array, Kolanda, Kolanda, Kakan, Kakan, PKIN, PKIN, PKI, PKI, AB31, AB31, GUN, GUN, KURBB, KURBB, JIRN, JIRN, RAMN, RAMN, AKTO, AKTO, AKTO, AKTO, AKTO, AKTO, TAPN, TAPN, ODAN, ODAN, ZALV, ZALV, FINES, FINES, ARCES, ARCES, HFS, HFS, NOA, NOA, SPITS, SPITS, TORD, TORD, KOWA, KOWA, YKA, YKA, WRA, WRA, ULM, ULM.

IDC 21 23:59:34.4, 1.3, 58.17N, 150.01W, h0km, mb3.5/5, mb1 3.6/7, mb1mx3.4/78, mbtmp3.4/7, ML2.6/2, Error ellipse: s-maj=25.8km s-min=21.4km az=87.0

ISC 21 23:59:38.9, 1.3, 58.5N, 0.10, 149.7W, 0.2, h23km, n7, 0.135/8, mb3.7/5, Gulf of Alaska

IDC 22 00:06:45.0, 13.0, 8.56S, 118.97E, h140km, 116km, mb2.9/2, mb1 3.0/4, mb1mx2.7/61, mbtmp3.4/4, ML3.5/2, Error ellipse: s-maj=243.4km s-min=28.7km az=59.0, Sumbawa region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Bati, Baunata, Bati, WARA, WARA, ASAR, ASAR, MKAR, MKAR.

ISCJB 22 00:07:46.8, 0.1, 17.76S, 0.04, 178.85W, 0.03, h547km, mb4.5/148, Error ellipse: s-maj=6.2km s-min=3.5km az=150.8

NEIC 22 00:07:47.0, 0.6, 17.69S, 178.83W, h539km, 6km, mb4.6/120, Error ellipse: s-maj=6.4km s-min=3.8km az=149.0

IDC 22 00:07:47.1, 1.1, 17.73S, 178.73W, h541km, 13km, mb4.0/29, mb1 4.1/32, mb1mx4.0/51, mbtmp4.9/32, Error ellipse: s-maj=11.5km s-min=8.0km az=153.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Afi, Afi, FUNA, FUNA, DZM, DZM, DZM, DZM, KNTN, KNTN, RAR, RAR.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like RAR Rarotonga, URZ Urewera, BKZ Black Stump Fm, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like M02C Callahan, K03D Kadiak Island, LRMC Laurel Mtin Rad, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KTH Kantisna Hill, D08A Wollman Farm, W18A Petrified Fore, etc.

22d Oh

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LASA Array, Black Hills, Inuvik, etc.

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

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

THE 22.00:19.43,38'11N-27.42E, h0km, ML2.8/6, Error ellipse: s-maj=2.1km s-min=1.0km az=62.0

Code Station Name Az Az' Phase ID Time Res. Includes GMLD, GMLD, GMLD, etc.

Code Station Name Az Az' Phase ID Time Res. Includes SMG, SMG, SMG, etc.

Code Station Name Az Az' Phase ID Time Res. Includes CHOS, CHOS, CHOS, etc.

Code Station Name Az Az' Phase ID Time Res. Includes CHOS, CHOS, CHOS, etc.

Code Station Name Az Az' Phase ID Time Res. Includes CHOS, CHOS, CHOS, etc.

Code Station Name Az Az' Phase ID Time Res. Includes CHOS, CHOS, CHOS, etc.

ISCJB 22.00:16:13.0,0.6,52.4N:0.1x178.05E:0.09, h158km, mb3.9/15, Error ellipse: s-maj=19.8km s-min=8.0km

IDC 22.00:16:17.4,4.2,52.28N:178.15E, h185km,41km, mb3.5/15, m1 3.7/17, mt1mx3.9/75, mbtmq.0/17, Error ellipse: s-maj=20.0km s-min=10.0km az=170.0

ISC 22.00:16:14.4,0.8,52.4N:0.2x177.96E:0.07, h158km, n20, c15/14, mb3.7/15, Ret Islands

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

22d 2h

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

IDC 22:02:04:33.5-4.4, 1.94S-138.48E, h0km, mb3.4/4, mb1.3/7.5, mb1mx3.5/4.8, mbtmp3.5/5, ML3.9/1, MS3.1/1, Ms1.3/1.1, ms1mx2.5/2.9, Error ellipse: s-maj=199.7km s-min=23.9km az=86.0, Near north coast of Irian Jaya

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

IDC 22:02:05:54.7-1.6, 1.77S-139.26E, h0km, mb3.7/4, mb1.4/0.5, mb1mx3.6/4.7, mbtmp3.7/5, ML3.9/1, MS3.5/1, Ms1.3/4.1, ms1mx2.5/5.0, Error ellipse: s-maj=68.8km s-min=24.6km az=92.0, Near north coast of Irian Jaya

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

MOS 22:02:23:10.6-1.4, 3.7-39N-21.53E, h10km, mb4.5/16, Error ellipse: s-maj=6.2km s-min=2.9km az=83.5

CSEM 22:02:23:13.1-0.1, 3.7-43N-21.57E, h10km, mb4.6/16, Error ellipse: s-maj=3.6km s-min=2.4km az=40.0

ISCJB 22:02:23:13.1-0.3, 3.7-43N-21.52E, 0.02, h25km, 2km, mb4.3/43, MS3.4/12, Error ellipse: s-maj=2.6km s-min=1.8km az=44.9

THE 22:02:23:13.5, 3.7-43N-21.66E, h0km, 1km, ML4.3/31, Error ellipse: s-maj=1.5km s-min=0.4km az=239.0

ATH 22:02:23:13.4, 3.7-45N-21.66E, h15km, ML4.2/21, Error ellipse: s-maj=0.9km s-min=0.4km az=239.0

NEIC 22:02:23:13.4, 0.0, 3.7-45N-21.66E, h15km, mb4.6/14, ML4.2(ATH), ML4.3(TH), After ATH.

PDG 22:02:23:14.5-0.8, 3.7-52N-21.65E, h13km, 1km, ML4.3/10, Error ellipse: s-maj=1.3km s-min=1.5km az=0.0

IDC 22:02:23:16.8-1.3, 3.7-49N-21.69E, h47km, 13km, mb4.0/27, mb1.4/0.38, mb1mx3.9/8.2, mbtmp4.2/38, ML3.6/10, MS3.3/18, Ms1.3/3.18, ms1mx3.0/7.2, Error ellipse: s-maj=11.7km s-min=9.8km az=147.0

ISC 22:02:23:13.3-0.6, 3.7-43N-21.52E, 0.02, h16km, 4km, n679, s1972/805, mb4.3/43, MS3.5/12, 37C-28D, Southern Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like MES3, ITM, DRO, etc.

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

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

Table with columns: PAIG, Paliouri, 2.96 32 P, Pn, 02 24 00.8 +1.2, VTS, Vitosha, 5.29 13 P, Pn, 02 24 34.6 +2.8, CSKK, Cs'kakko, 10.23 347I ePn, Pn, 02 25 39.7 +0.3

Table with columns: PAIG, Paliouri, 2.96 32 P, Pn, 02 24 00.8 +1.2, VTS, Vitosha, 5.29 13 P, Pn, 02 24 34.6 +2.8, CSKK, Cs'kakko, 10.23 347I ePn, Pn, 02 25 39.7 +0.3

Table with columns: PAIG, Paliouri, 2.96 32 P, Pn, 02 24 00.8 +1.2, VTS, Vitosha, 5.29 13 P, Pn, 02 24 34.6 +2.8, CSKK, Cs'kakko, 10.23 347I ePn, Pn, 02 25 39.7 +0.3

Table with columns: KIEV, comp, pmax, pmax, ARU, Arti, 31.05, 40d/P, P, 02 29 30.2, +0.1, 02 34 39.1, +4.8, 02 36 20.1, +4.8, etc.

Table with columns: ARU, Arti, 31.05, 40d/P, P, 02 29 30.2, +0.1, 02 34 39.1, +4.8, 02 36 20.1, +4.8, etc.

Table with columns: PSCG, comp=N, 146nm, 0.2s, IAML, 02 25 09.5, PB12, IPOC Station P, 2.68 284, eP, Pn, 02 24 33.5, +1.5, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DMN Daman, DANN Dangsing, KOLN Koldanda, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PKIN Phulchoki, PUKI Pulchoki, GUN Gumba, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KURK Kurchatov, KURBB Kurchatov Arra, MKAR Makanchi Array, etc.

NNC 22 02:54:26.8±0.36°36'N-70.86°E, h0km, mb3.8, mpv3.4,

Error ellipse: s-maj=39.6km s-min=18.4km az=177.0

ISC 22 03:01:22.0±0.4, 36°55'N-03°07'W, h10km, n11,

02°56'16.6C-3D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DZET Dzerhino, DZET 4.4m,0.5s, SFK Sufi-Kurgan, etc.

ISC 22 03:02:35.5±6.6, 37°67'S-141°89'E, h0km, mb3.2/3,

mb1 3.4/4, mb1mx3.2/50, mbtmpp3.3/4, ML3.6/1, Error ellipse: s-maj=25.4, 1km s-min=28.2km az=92.0

ISCJB 22 03:02:36.9±1.5, 37°15'0.1E-101°41'5E, h10km, mb3.1/3,

Error ellipse: s-maj=30.2km s-min=8.2km az=155.9

DJA 22 03:02:44.7±1.9, 4°59'±14°1'E, 10, h10km, M4.0/2, MLV4.0/2

ISC 22 03:02:39.5±1.8, 37°5'0.1°141°4'E, h10km, n6,

0°125'10, mb3.4/3, New Guinea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JAY Jayapura, JAY 1.35 329, GENI Ganyem, etc.

ISC 22 03:19:49.5±2.3, 27°99'S-176°41'W, h0km, mb3.3/2,

mb1 3.6/2, mb1mx3.3/40, mbtmpp3.7/6, ML3.4/1, MS3.3/7,

Ms1 3.3/7, ms1mx3.0/35, Error ellipse: s-maj=107.1km

s-min=23.8km az=153.0

ISCJB 22 03:23:43.8±1.4, 20°6'S-0°5'173°1'E, h33km, mb3.7/5,

MS3.3/5, Error ellipse: s-maj=81.8km s-min=18.9km

ISC 22 03:23:45.5±1.6, 20°5'S-0°6'173°1'E, h35km, n18,

0°53'7, mb3.8/5, MS3.0/5, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DZM Mont Dzumac, DZM 0.7m,0.3s,baz=75,slow=20,SNR=4.7, DZM Mont Dzumac, etc.

ISC 22 03:01:20.0±2.9, 36°35'N-70°97'E, h148km±27km, mb3.4/8,

mb1 3.5/13, mb1mx3.1/79, mbtmpp3.8/13, MS3.9/1,

Ms1 3.9/1, ms1mx2.4/51, Error ellipse: s-maj=22.5km

s-min=16.3km az=162.0

ISCJB 22 03:01:22.0±0.4, 36°55'N-03°07'W, h10km, n11,

02°56'16.6C-3D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CEP Cherat, DZET Dzerhino, THW Thame Wali, etc.

ISC 22 03:02:27.8±1.6, 62°93'N-150°92'W, h101km±25km, mb3.3/6,

mb1 3.4/10, mb1mx3.2/78, mbtmpp3.7/10, Error ellipse: s-maj=39.6km s-min=10.6km az=115.0

ISCJB 22 03:02:23.7±0.3, 63°01'N-02°15'078°W±0.06,

h125km, 3km, mb3.6/1, Error ellipse: s-maj=4.5km

s-min=3.9km az=5.8

NEIC 22 03:02:25.3±0.0, 63°00'N-150°78'W, h114km, ML3.2(AEIC),

After AEIC, ISC 22 03:02:24.7±0.8, 62°39'N-0°03'150°81'W±0.04,

h120km±6km, n63, 0°07'77, mb3.5/7, Central Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include TRF Thorofare Moun, TRF 0.52 27, KTH Kantishna Hill, etc.

ISC 22 03:24:34.8±1.0, 37°74'N-43°02'E, h0km±5km, ML3.2

CSEM 22 03:24:37.4±0.1, 37°84'N-43°06'E, h2km, ML3.6, Error ellipse: s-maj=2.9km s-min=2.6km az=110.0

DDA 22 03:24:37.2, 37°84'N-43°03'E, h7km, ML3.6

ISK 22 03:24:37.2, 37°84'N-43°02'E, h6km, ML3.0/12

ISC 22 03:24:37.4±1.1, 37°84'N-02°43'04E±0.02, h5km±10km,

0°2, 0°81'91, 1C-1D, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include GEVA Gevas, GEVA 0.47 1 i P, GEVA Gevas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ADCV, BITLIS, YOVA, GYRO, etc.

Table with columns: YOPC, NORC, CHINGAZA, ROSC, etc. Includes station names and coordinates.

Table with columns: KURS, MNBS, KAPS, ARXS, MDOK, etc. Includes station names and coordinates.

DJA 22 03:25:48.5±1.1, 8°S, 3°11'7"E, h37km±14km, M3.7/13, MLv3.7/13, Ball Sea

comp=Z,241nm,0.5s

IDC 22 04:26:54.3±1.1, 15.41Sx176.32W, h0km, mb4.0/11, mb1 4.3/11, mb1mx4.1/42, mbtmp4.0/11, MS4.0/33, Ms1 4.0/33, ms1mx4.0/37, Error ellipse: s-maj=59.0km s-min=16.2km az=148.0

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

Table with columns: SIV, TXAR, ULM, PDM, etc. Includes station names and coordinates.

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

CSEM 22 03:54:35.0±1.1, 37°16'N, 7°06'W, h2km, ML2.3/5, Error ellipse: s-maj=16.9km s-min=9.2km az=131.0

comp=Z,241nm,0.5s

ISC 22 04:26:59.2±0.8, 15.05Sx176.50W, h1km, mb3.0/11, h17km, n73, s-maj=32.1km s-min=23.2km az=151.0, Tonga Islands

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

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

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

ISCJB 22 04:08:45.8±0.4, 6°83'N, 0°03'73"10W, h0.04, h163km±3km, mb3.6/7, Error ellipse: s-maj=7.5km s-min=4.2km az=30.1

MEX 22 04:25:37.0±0.6, 15°47'N, 94°75'W, h16km, gkm, MD4.2, Near coast of Oaxaca

WAKE ISLAND Hy 38.15 334 T, WAKE ISLAND Hy 38.15 334 T, WAKE ISLAND Hy 38.17 334 T

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HUIG, PCIG, VHO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H1N1, H1N2, COEN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MJAR, JNU, PETK, etc.

ISC 22 04:41:34.8, 2.0, 20S, 124.40E, h0km, mb3, 1/3, mb1 3.3/3, mb1mx3.1-5.3, mbtmp3.2/3, Error ellipse: s-maj=29.8km, s-min=25.4km, az=63.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SNA, TOR, etc.

ISC 22 04:50:30.8-1.2, 53.21S, 23.97E, h0km, mb3, 8/4, mb1 4.0/4, mb1mx3.5/4, mbtmp3.8/4, Error ellipse: s-maj=47.2km, s-min=31.8km, az=73.0, South of Africa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SNA, TOR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KSP, UPC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CLL, KKK, etc.

NNC 22 05:02:13.5, 2.0, 54.46N, 86.86E, h0km, mb2, 9, mpv2.7, Error ellipse: s-maj=24.6km, s-min=10.8km, az=168.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H46R, ZAA, etc.

ISC 22 05:03:12.5, 1.0, 53.25S, 0.2, 23.5E, 0.3, h10km, mb4, 1/5, MS3, 0/3, Error ellipse: s-maj=29.6km, s-min=27.6km, az=79.2

ISC 22 05:03:12.6, 0.9, 53.30S, 23.70E, h0km, mb4, 1/5, mb1 4.3/5, mb1mx3.8/4.5, mbtmp4.1/5, MS3, 1/3, Ms1 3.1/3, ms1mx2.8/4.0, Error ellipse: s-maj=35.9km, s-min=28.8km, az=51.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SNA, BOS, etc.

ISC 22 05:09:52.5, 1.9, 348S, 141.01E, h0km, mb3, 3/3, mb1 3.8/5, mb1mx3.5/4.5, mbtmp3.7/5, ML3.1-2.0, Error ellipse: s-maj=44.3km, s-min=28.8km, az=82.0, New Guinea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMG, WIT, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SNA, LBT, etc.

ISC 22 05:16:13.1, 1.0, 53.35S, 0.2, 23.6E, 0.2, h10km, n9, 9, 193Z/9, mb4, 1/5, South of Africa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SNA, TSM, etc.

ISC 22 05:16:29.4, 1.0, 53.35S, 0.2, 23.9E, 0.3, h10km, n8, 8, 0953/8, mb4, 2/5, South of Africa

ISC 22 05:18:20.8, 1.1, 16.15S, 175.91W, h0km, mb4, 1/12, mb1 4.4/12, mb1mx4.1/4.6, mbtmp4.1/12, MS4, 0/28, Ms1 4.0/28, ms1mx4.0/3.6, Error ellipse: s-maj=59.3km, s-min=16.6km, az=149.0

ISC 22 05:18:45.0, 1.7, 16.35S, 0.2, 176.2W, 0.1, h200km, n96, 9, 1966/65, mb4, 2/43, 1C, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AFI, DZM, etc.

ISC 22 05:20:03.0, 1.2, 53.21S, 23.97E, h0km, mb3, 8/4, mb1 4.0/4, mb1mx3.5/4, mbtmp3.8/4, Error ellipse: s-maj=47.2km, s-min=31.8km, az=73.0, South of Africa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SNA, BOS, etc.

ISC 22 05:22:09.2, 1.2, 51.49N, 0.05, 16.17E, 0.03, h0km, n30, 0, 888/58, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SNA, TOR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CMB Columbia Colle, AFDM Forest Hills D, LPIG La Paz, etc.

ISCJB 22 05:21:00.6:0.4, 61.69N:0.03:151.52W:0.06, h94km, 4km, mb3.6/1, Error ellipse: s-maj=4.8km s-min=4.4km az=154.4

IDC 22 05:21:01.7:1.0, 61.69N:0.04:151.55W:0.04, h87km, 7km, n58, 0577/72, Southern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like STLK Strandline Lak, SKT Skwentna, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KTH Kantishna Hill, BRMK Bradley Lake, etc.

IDC 22 05:21:16.5:339.0, 54.02N:42.16E, h0km, Error ellipse: s-maj=144.3km s-min=77.8km az=139.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like I43RU DUBNA INFRASON, I31KZ AKTYUBINSK, etc.

ISCJB 22 05:24:16.9:0.5, 39.12N:0.03:29.19E:0.03, h6km, 5km, Error ellipse: s-maj=5.2km s-min=4.3km az=174.6

ISC 22 05:24:16.1, 39.09N:29.21E, h5km, ML2.2/7

CSEM 22 05:24:17.0:0.2, 39.11N:29.21E, h8km, ML2.2, Error ellipse: s-maj=4.2km s-min=4.1km az=156.0

ISC 22 05:24:17.0:0.9, 39.12N:0.02:29.20E:0.02, h10km, 8km, n37, 0580/49, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SIMA Simav-Kutahya, GDZ Gediz, etc.

IDC 22 05:21:31.8:3.1, 55.60N:86.48E, h0km, mb1.2, 9/2, mb1mx2.7/82, mbtmt2.9/2, ML2.5/2, Error ellipse: s-maj=26.8km s-min=26.6km az=136.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like I46RU ZALESOVO INFR, ZALV Zalesovo Beam, etc.

ISCJB 22 05:33:40.3:0.4, 17.8S:0.1:178.65W:0.08, h579km, mb4.2/71, Error ellipse: s-maj=20.5km s-min=5.0km az=154.3

NEIC 22 05:33:41.5:0.5, 17.72S:178.62W, h580km, 5km, mb4.2/57, Error ellipse: s-maj=16.6km s-min=4.1km az=153.0

IDC 22 05:33:42.1:1.7, 17.93S:178.52W, h592km, 20km, mb3.9/14, mb1.4/0, mb1mx3.7/43, mbtmt4.8/16, Error ellipse: s-maj=38.2km s-min=9.8km az=154.0

ISC 22 05:33:41.1:0.6, 17.8S:0.2:178.5W:0.1, h579km, n100, 0595/100, mb4.2/71, F1 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, AFI Afiamalu, DZM Mont Dzumac, etc.

IDC 22 05:21:16.5:339.0, 54.02N:42.16E, h0km, Error ellipse: s-maj=144.3km s-min=77.8km az=139.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like I43RU DUBNA INFRASON, I31KZ AKTYUBINSK, etc.

ISCJB 22 05:24:16.9:0.5, 39.12N:0.03:29.19E:0.03, h6km, 5km, Error ellipse: s-maj=5.2km s-min=4.3km az=174.6

ISC 22 05:24:16.1, 39.09N:29.21E, h5km, ML2.2/7

CSEM 22 05:24:17.0:0.2, 39.11N:29.21E, h8km, ML2.2, Error ellipse: s-maj=4.2km s-min=4.1km az=156.0

ISC 22 05:24:17.0:0.9, 39.12N:0.02:29.20E:0.02, h10km, 8km, n37, 0580/49, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SIMA Simav-Kutahya, GDZ Gediz, etc.

IDC 22 05:21:31.8:3.1, 55.60N:86.48E, h0km, mb1.2, 9/2, mb1mx2.7/82, mbtmt2.9/2, ML2.5/2, Error ellipse: s-maj=26.8km s-min=26.6km az=136.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like I46RU ZALESOVO INFR, ZALV Zalesovo Beam, etc.

ISCJB 22 05:33:40.3:0.4, 17.8S:0.1:178.65W:0.08, h579km, mb4.2/71, Error ellipse: s-maj=20.5km s-min=5.0km az=154.3

NEIC 22 05:33:41.5:0.5, 17.72S:178.62W, h580km, 5km, mb4.2/57, Error ellipse: s-maj=16.6km s-min=4.1km az=153.0

IDC 22 05:33:42.1:1.7, 17.93S:178.52W, h592km, 20km, mb3.9/14, mb1.4/0, mb1mx3.7/43, mbtmt4.8/16, Error ellipse: s-maj=38.2km s-min=9.8km az=154.0

ISC 22 05:33:41.1:0.6, 17.8S:0.2:178.5W:0.1, h579km, n100, 0595/100, mb4.2/71, F1 Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like CMAR Chiang Mai Arr, YKA Yellowknife Arr, BR101 Keskin Array S, etc.

ISC/JB 22 05:38:40.5:0.3, 0.86S:0.04x101.19E:0.04, h204km, 3km, mb4.1/25, Error ellipse: s-maj=8.1km s-min=5.5km

az=141.1, IDC 22 05:38:41.0:0.8, 0.76S:101.32E, h185km, 6km, mb3.8/18, mb1.3/19, mb1mx3.6/66, mbtmp4.2/19, MS9.3/2, Ms1.3/9.2, ms1mx2.7/57, Error ellipse: s-maj=16.4km

NEIC 22 05:38:41.0:0.4, 0.83S:101.24E, h195km, 3km, mb4.3/7, Error ellipse: s-maj=7.7km s-min=4.2km az=47.0, DJA 22 05:38:43.0:0.3, 1.3:3.3x10E.1, h169km, 4km, M4.4/15, mb4.7/3, mb4.7/3, MLV4.3/15, Mw(mb)3.9/3

KLM 22 05:38:43.9:0.6, 0.84S:101.17E, h91km, mb4.4, ISC 22 05:38:40.6:0.5, 0.84S:101.14E:0.05, h191km, 3km, h192km, pP-P, n84, z292/109, mb4.1/25, 4C-3D, Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like SDSI Sungai Dareh, PDSI Padang, BKNi Bangkinang, etc.

204nm, 0.8s, 2.0m

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like KULM Kulim, KTMG Kuala Trengganu, KSM Kuching, etc.

17nm, 0.7s

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like MYLDM Lahad Datu, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

0.4nm, 0.3s, baz=182, slow=9.9, SNR=3.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like CMAR, LUWI Luwu, SOEI Soe, etc.

0.5nm, 0.3s, baz=184, slow=12, SNR=3.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like FITZ Fitzroy Crossi, FITZ2 Fitzroy Crossi, etc.

2.5nm, 0.6s, baz=314, slow=5.1, SNR=5.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like LZH Lanzhou, LZH1 Lanzhou, etc.

0.9nm, 0.4s, baz=148, slow=9.4, SNR=1.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like WR1 Warramunga Arr, WRA Warramunga Arr, etc.

1.1nm, 0.4s, baz=303, slow=9.3, SNR=3.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like WRAB Tennant Creek, AS31 Alice Springs, etc.

1.9nm, 0.6s, baz=303, slow=7.7, SNR=6.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like ASAR Alice Springs, ASAR Alice Springs, etc.

0.2nm, 0.8s, baz=314, slow=2.2, SNR=5.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like ASO1 Alice Springs, FORT Forrest, etc.

1.1nm, 0.6s

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like HHC Hu-ho-hao-te, HHC, etc.

0.8nm, 0.4s, baz=184, slow=8.8, SNR=3.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like KS15 Wonju Array Si, KSAR Wonju Array Be, etc.

1.9nm, 0.6s, baz=227, slow=9.0, SNR=6.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like WMQ Urumqi, KSH Kashi, etc.

0.9nm, 0.3s, baz=296, slow=1.1, SNR=4.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like SONA0 Sogingo Array, SONA0 Sogingo Array, etc.

0.8nm, 0.6s, baz=188, slow=9.9, SNR=12

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like SONM Gediz, SONM Gediz, etc.

1.0nm, 0.9s, baz=204, slow=9.5, SNR=16.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like SONM BAGO, SONM BAGO, etc.

0.9nm, 0.8s, baz=184, slow=8.8, SNR=3.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

1.0nm, 0.5s, baz=179, slow=6.9, SNR=6.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like ZALV comp=Z, ZAA1 Zalesovo Array, etc.

0.8nm, 0.7s, baz=91, slow=6.0, SNR=3.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like PETK Petropavlovsk, BR101 Keskin Array S, etc.

1.1nm, 0.8s, baz=123, slow=7.9, SNR=5.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like MATP Matropo, BR231 Khasin MP Arr, etc.

2.2nm, 0.6s, baz=116, slow=3.5, SNR=5.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like FIAO FINESS Array B, FINES FINESS Array B, etc.

1.8nm, 1.1s, baz=107, slow=6.6, SNR=4.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like GCMT GreyCliff, NW01 Mina Array Sit, etc.

0.3nm, 0.5s, baz=334, slow=0.5, SNR=18

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like P18A Preston Nutter, P18A Lajitas Arr, etc.

0.7nm, 0.5s, baz=334, slow=0.5, SNR=18

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like ATH 22 05:56:58.8, DDA 22 05:56:59.2, etc.

ISC/JB 22 05:57:00.0:0.4, 3.7:85N:29.15E, h0km, 1km, ML3.5/7, Error ellipse: s-maj=2.6km s-min=2.1km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like THE 22 05:57:00.0:0.4, ISK 22 05:57:00.2, etc.

ISC 22 05:57:00.6:1.1, 3.7:84N:0.01:29.16E:0.01, h3km, 8km, n235, e1934/289, mb3.3/5, MS3.5/3, 19C-3D, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like DENT Denizli, DENT Denizli, etc.

0.6nm, 0.5s, baz=234, slow=1.1, SNR=3.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like TAVA DENIZLI_Tavas, TAVA DENIZLI_Tavas, etc.

0.5nm, 0.4s, baz=234, slow=1.1, SNR=3.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like KHL Karahalli, KHL Karahalli, etc.

0.6nm, 0.5s, baz=234, slow=1.1, SNR=3.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like KHAL Karahalli, KHAL Karahalli, etc.

0.6nm, 0.5s, baz=234, slow=1.1, SNR=3.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like GOLH Golhisar, GOLH Golhisar, etc.

0.7nm, 0.5s, baz=234, slow=1.1, SNR=3.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like BURDUR-Merkez, BURDUR-Merkez, etc.

0.7nm, 0.5s, baz=234, slow=1.1, SNR=3.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like KULA Kula-Manisa, KULA Kula-Manisa, etc.

0.8nm, 0.5s, baz=234, slow=1.1, SNR=3.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like KZIL AFYON_Kizoren, KZIL AFYON_Kizoren, etc.

0.9nm, 0.5s, baz=234, slow=1.1, SNR=3.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like YER Yerkestik, YER Yerkestik, etc.

0.9nm, 0.5s, baz=234, slow=1.1, SNR=3.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like YER Yerkestik, YER Yerkestik, etc.

0.9nm, 0.5s, baz=234, slow=1.1, SNR=3.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like AYDN Tasoluk, AYDN Tasoluk, etc.

1.0nm, 0.5s, baz=234, slow=1.1, SNR=3.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like AYDN Turunc, AYDN Turunc, etc.

1.0nm, 0.5s, baz=234, slow=1.1, SNR=3.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like TURN Turunc, TURN Turunc, etc.

1.0nm, 0.5s, baz=234, slow=1.1, SNR=3.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like ISP Isparta, ISP Isparta, etc.

1.0nm, 0.5s, baz=234, slow=1.1, SNR=3.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like DEMI Demirci, DEMI Demirci, etc.

1.2nm, 0.5s, baz=234, slow=1.1, SNR=3.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like BDRM AKAS Kas, AKAS Kas, etc.

1.6nm, 0.5s, baz=179, slow=6.9, SNR=6.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like AKAS Kas, AKAS Kas, etc.

1.6nm, 0.5s, baz=179, slow=6.9, SNR=6.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like YKAV Yalikavak-BoDr, YKAV Yalikavak-BoDr, etc.

1.6nm, 0.5s, baz=179, slow=6.9, SNR=6.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like BODT Bodrum, BODT Bodrum, etc.

1.6nm, 0.5s, baz=179, slow=6.9, SNR=6.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like BOLV Bolvadın, BOLV Bolvadın, etc.

1.6nm, 0.5s, baz=179, slow=6.9, SNR=6.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like KSL Kastellorizon, KSL Kastellorizon, etc.

1.6nm, 0.5s, baz=179, slow=6.9, SNR=6.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like KSL Kastellorizon, KSL Kastellorizon, etc.

1.6nm, 0.5s, baz=179, slow=6.9, SNR=6.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like GMLD Gumuldur, GMLD Gumuldur, etc.

1.6nm, 0.5s, baz=179, slow=6.9, SNR=6.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like ARG Arkhangelos, ARG Arkhangelos, etc.

1.6nm, 0.5s, baz=179, slow=6.9, SNR=6.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like ARG Arkhangelos, ARG Arkhangelos, etc.

1.6nm, 0.5s, baz=179, slow=6.9, SNR=6.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like ARG Arkhangelos, ARG Arkhangelos, etc.

1.6nm, 0.5s, baz=179, slow=6.9, SNR=6.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like ARG Arkhangelos, ARG Arkhangelos, etc.

1.6nm, 0.5s, baz=179, slow=6.9, SNR=6.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like ARG Arkhangelos, ARG Arkhangelos, etc.

1.6nm, 0.5s, baz=179, slow=6.9, SNR=6.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like ARG Arkhangelos, ARG Arkhangelos, etc.

1.6nm, 0.5s, baz=179, slow=6.9, SNR=6.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like ARG Arkhangelos, ARG Arkhangelos, etc.

1.6nm, 0.5s, baz=179, slow=6.9, SNR=6.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like ARG Arkhangelos, ARG Arkhangelos, etc.

1.6nm, 0.5s, baz=179, slow=6.9, SNR=6.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like ARG Arkhangelos, ARG Arkhangelos, etc.

1.6nm, 0.5s, baz=179, slow=6.9, SNR=6.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like ARG Arkhangelos, ARG Arkhangelos, etc.

1.6nm, 0.5s, baz=179, slow=6.9, SNR=6.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like ARG Arkhangelos, ARG Arkhangelos, etc.

1.6nm, 0.5s, baz=179, slow=6.9, SNR=6.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like ARG Arkhangelos, ARG Arkhangelos, etc.

1.6nm, 0.5s, baz=179, slow=6.9, SNR=6.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like ARG Arkhangelos, ARG Arkhangelos, etc.

1.6nm, 0.5s, baz=179, slow=6.9, SNR=6.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like ARG Arkhangelos, ARG Arkhangelos, etc.

1.6nm, 0.5s, baz=179, slow=6.9, SNR=6.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like ARG Arkhangelos, ARG Arkhangelos, etc.

1.6nm, 0.5s, baz=179, slow=6.9, SNR=6.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like ARG Arkhangelos, ARG Arkhangelos, etc.

1.6nm, 0.5s, baz=179, slow=6.9, SNR=6.6

Table with 4 columns: Station Name, Frequency, Power, and other parameters. Includes VAYL and YAYL entries.

NIED 22 08:28:00, 40.10N, 142.20E, h59km, Mw4.0, Best double couple: M0:1.080000, 1015 NP1.06, 0.00000, 820.00000, 1.133.00000, NP2.06, 141.00000, 876.00000, 1.76.00000, ISCJB 22 08:28:14.2, 0.4, 10N, 142.03E, 0.05, h64km, 3km, mb4.0/2.1, Error ellipse: s-maj=6.9km s-min=4.0km az=27.0

MOS 22 08:28:14.7, 1.2, 40.20N, 142.19E, h65km, mb4.6/6, Error ellipse: s-maj=12.3km s-min=6.7km az=70.8 JMA 22 08:28:15.5, 0.4, 10N, 142.14E, h56km, 1km, M3.9 JMA Feil II J1.

NEIC 22 08:28:16.5, 0.5, 40.16N, 142.20E, h70km, 5km, mb4.2/6, Error ellipse: s-maj=7.9km s-min=4.8km az=124.0 NEIC Recorded [2 JMA] in Aomori and Iwate.

IDC 22 08:28:17.2, 2.3, 40.10N, 142.03E, h76km, 21km, mb3.5/17, m1 3.8/2.0, m1mx3.6/6.5, mbtmp3.9/2.0, MS3.8/2, M1 3.8/2.0, m1mx2.7/4.7, Error ellipse: s-maj=18.0km s-min=14.1km az=121.0

ISC 22 08:28:15.2, 0.8, 40.14N, 142.22E, 0.05, h56km, 7km, n87, c138/94, mb4.0/2.1, 2C-1D, Near east coast of eastern Honshu

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like Tanohata, Nango, Miyakonagasawa, Kuzumaki, etc.

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like Asahikawa, Erimo, Erimo, Erimo, etc.

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like Matsushiro, Matsushiro, Matsushiro, etc.

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like Kuril'sk, Kuril'sk, Kuril'sk, etc.

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like Mitsune, Ussuriysk Arr, Ussuriysk Arr, etc.

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like Korea Array, Korea Array, Korea Array, etc.

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like WAKE ISLAND Hy, WAKE ISLAND Hy, WAKE ISLAND Hy, etc.

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like ZAA1, ZALV, ZALV, etc.

Table with 4 columns: Station Name, Frequency, Power, and other parameters. Includes INK and INK entries.

INK Inuvik 51.35 28 P P 08 37 14.6 +1.1 comp=2.1, 9nm, 0.6s, baz=302, slow=6.3, SNR=15 INK Inuvik 51.35 28 eP Pmax 08 37 14.6 +1.1

INK Inuvik 51.35 28 eP Pmax 08 37 14.6 +1.1 comp=2.21nm, 2.0s INK Inuvik 51.35 28 eP Pmax 08 37 14.6 +1.1

SPITS Spitsbergen Arr 57.60 349 LR LR 09 05 19.3 comp=2.1, 2nm, 2.0s SPITS Spitsbergen Arr 57.60 349 LR LR 09 05 19.3

WR1 Warramunge Arr 60.22 189 P P 08 38 16.2 -1.3 comp=2.4, 5nm, 1.2s WRA Warramunge Arr 60.22 189 P P 08 38 16.2 -1.3

YKA Yellowknife Ar 60.82 31 P P 08 38 21.6 +0.4 comp=2.0, 7nm, 0.7s, baz=300, slow=6.5, SNR=16 AS31 Alice Springs 63.95 188 eP P 08 38 41.5 -1.0

ASAR Alice Springs 63.95 188 P P 08 38 41.5 -1.0 comp=2.0, 2nm, 0.4s, baz=31, slow=7.5, SNR=5.4 FIAO FINESS Array S 66.37 332 eP P 08 38 56.8 -1.0

FIAO FINESS Array S 66.37 332 eP P 08 38 56.8 -1.0 FIAO FINESS Array S 66.37 332 eP P 08 38 56.8 -1.0 FIAO FINESS Array S 66.37 332 eP P 08 38 56.8 -1.0

NB200 NORSAR Array B 71.57 337 eP P 08 39 29.7 -0.4 comp=2.1, 9nm, 0.7s, baz=42, slow=9.0, SNR=4.8 NOA NORSAR Array B 71.57 337 eP P 08 39 29.7 -0.4

AKASO Malin Array Be 72.33 322 P P 08 39 33.1 -1.1 comp=2.0, 4nm, 0.4s, baz=45, slow=6.0, SNR=4.5 AKBB Malin Array Si 72.33 322 eP Pmax 08 39 33.1 -1.1

AKBB Malin Array Si 72.33 322 eP Pmax 08 39 33.1 -1.1 comp=2.4, 0nm, 1.0s AKBB Malin Array Si 72.33 322 eP Pmax 08 39 33.1 -1.1

NOV1 Mina Array Sit 72.64 54 eP P 08 39 37.6 +0.4 NVAR Mina Array Bay 72.64 54 P P 08 39 38.8 +1.6

BORG Borgarnes 74.65 353 LR LR 09 13 08.7 comp=2.0, 5nm, 2.1s, baz=29, slow=3.6 COLL Collin 78.72 330 eP P 08 40 10.0 -0.3

GERES GERES Array B 80.40 328 P P 08 40 20.1 -0.6 comp=2.0, 4nm, 0.4s, baz=43, slow=4.4, SNR=3.7 ANMO Albuquerque 82.12 511 eP Pmax 08 40 32.2 +2.0

ANMO Albuquerque 82.12 511 eP Pmax 08 40 32.2 +2.0 comp=2.5, 0nm, 2.5s TXAR Lajitas Array 87.74 53 P P 08 40 59.1 +0.8

TXAR Lajitas Array 87.74 53 P P 08 40 59.1 +0.8 comp=2.0, 2nm, 0.5s, baz=292, slow=4.3, SNR=6.8 MEX 22 08:28:43.8, 0.3, 17.02N, 100.69W, h3km, MD3.6, Guerrero

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like El Cayaco, Acapulco, Puento Sto Nin, etc.

MEX 22 08:43:55.0, 0.3, 17.02N, 100.72W, h2km, MD3.5, Guerrero ISK 22 09:21:56.9, 38.81N, 26.46E, h22km, ML2.0/4

ISK 22 09:21:56.9, 38.81N, 26.46E, h22km, ML2.0/4 ISCJB 22 09:21:57.9, 0.7, 38.84N, 0.03, 26.42E, 0.05, h5km, 10km, Error ellipse: s-maj=7.1km s-min=5.3km az=32.2

CSEM 22 09:21:58.0, 0.2, 38.82N, 26.44E, h10km, ML2.0, Error ellipse: s-maj=4.0km s-min=2.7km az=82.0 DDA 22 09:21:58.0, 38.83N, 26.43E, h7km, ML2.0

ISC 22 09:21:58.1, 1.0, 38.82N, 0.02, 26.44E, 0.04, h14km, 8km, n18, c041/32, Aegean Sea

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like Karaburun, Karaburun, Karaburun, etc.

URLA Izmir 0.47 165 IP P 09 22 06.7 -0.7 URLA Izmir 0.47 165 IP P 09 22 06.7 -0.7 URLA Izmir 0.47 165 IP P 09 22 06.7 -0.7

URLA Izmir 0.47 165 IP P 09 22 06.7 -0.7 URLA Izmir 0.47 165 IP P 09 22 06.7 -0.7 URLA Izmir 0.47 165 IP P 09 22 06.7 -0.7

URLA Izmir 0.47 165 IP P 09 22 06.7 -0.7 URLA Izmir 0.47 165 IP P 09 22 06.7 -0.7 URLA Izmir 0.47 165 IP P 09 22 06.7 -0.7

URLA Izmir 0.47 165 IP P 09 22 06.7 -0.7 URLA Izmir 0.47 165 IP P 09 22 06.7 -0.7 URLA Izmir 0.47 165 IP P 09 22 06.7 -0.7

URLA Izmir 0.47 165 IP P 09 22 06.7 -0.7 URLA Izmir 0.47 165 IP P 09 22 06.7 -0.7 URLA Izmir 0.47 165 IP P 09 22 06.7 -0.7

URLA Izmir 0.47 165 IP P 09 22 06.7 -0.7 URLA Izmir 0.47 165 IP P 09 22 06.7 -0.7 URLA Izmir 0.47 165 IP P 09 22 06.7 -0.7

URLA Izmir 0.47 165 IP P 09 22 06.7 -0.7 URLA Izmir 0.47 165 IP P 09 22 06.7 -0.7 URLA Izmir 0.47 165 IP P 09 22 06.7 -0.7

URLA Izmir 0.47 165 IP P 09 22 06.7 -0.7 URLA Izmir 0.47 165 IP P 09 22 06.7 -0.7 URLA Izmir 0.47 165 IP P 09 22 06.7 -0.7

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like Karaburun, Karaburun, Karaburun, etc.

Table with 4 columns: Station Name, Frequency, Power, and other parameters. Includes ARAO and ARAO entries.

ARAO ARCESS Array S 3.64 306 Pn Pn 09 23 53.6 +1.2 baz=121, slow=14 ARAO baz=117, slow=28 Lg Lg 09 24 47.4

ARAO ARCESS Array S 3.64 306 Pn Pn 09 23 53.6 +1.2 baz=121, slow=14 ARAO baz=117, slow=28 Lg Lg 09 24 47.4

ARAO ARCESS Array S 3.64 306 Pn Pn 09 23 53.6 +1.2 baz=121, slow=14, SNR=334 ARAO baz=117, slow=24, SNR=3.7 Lg Lg 09 24 47.4

ARAO ARCESS Array B 3.64 306 Pn Pn 09 23 53.5 +1.1 SNR=6.6 comp=2.9, 1nm, 0.3s, baz=122, slow=15, SNR=24.0 ARAO ARCESS Array S 3.64 306 Pn Pn 09 24 01.9 +1.9

ARAO ARCESS Array S 3.64 306 Pn Pn 09 24 01.9 +1.9 comp=2.3, 3nm, 0.3s, baz=122, slow=15, SNR=9.5 ARAO ARCESS Array S 3.64 306 Pn Pn 09 24 35.2 -0.8

ARAO ARCESS Array S 3.64 306 Pn Pn 09 24 35.2 -0.8 SNR=6.6 comp=2.7, 4nm, 0.3s, baz=119, slow=25, SNR=22.0 ARAO ARCESS Array S 3.64 306 Pn Pn 09 24 46.9

AREO ARCESS Array S 3.64 306 Pn Pn 09 23 53.1 +0.7 SNR=6.6 AREO ARCESS Array S 3.64 306 Pn Pn 09 23 53.3 +0.7 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7

AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 SNR=6.6 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7

AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 SNR=6.6 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7

AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 SNR=6.6 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7

AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 SNR=6.6 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7

AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 SNR=6.6 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7

AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 SNR=6.6 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7

AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 SNR=6.6 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7

AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 SNR=6.6 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7

AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 SNR=6.6 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7

AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 SNR=6.6 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7

AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 SNR=6.6 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7

AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 SNR=6.6 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7

AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 SNR=6.6 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7

AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 SNR=6.6 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7

AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 SNR=6.6 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7

AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 SNR=6.6 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7

AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 SNR=6.6 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7

AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 SNR=6.6 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7

AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 SNR=6.6 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7

AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 SNR=6.6 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7

AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 SNR=6.6 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7

AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 SNR=6.6 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7

AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 SNR=6.6 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7

AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 SNR=6.6 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7

AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 SNR=6.6 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7

AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 SNR=6.6 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7 AREO ARCESS Array S 3.64 306 Pn Pn 09 24 35.3 -0.7

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like Severo-Kuril's, Pauzhetka, Khodutka, Kamc, etc.

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like Dalk, Dalk, Dalk, etc.

KRSC 22 09:26:04.2, 1.5, 49.78N, 157.26E, h54km, 24km, ML3.5, East of Kuril Islands

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like Severo-Kuril's, Pauzhetka, Khodutka, Kamc, etc.

IGIL 22 09:30:09.2, 35.47N, 11.44W, h10km, ML2.1 INMG 22 09:30:09.8, 1.0, 35.38N, 11.55W, h32km, 26km, ML2.1

INMG 22 09:30:09.8, 1.0, 35.38N, 11.55W, h32km, 26km, ML2.1 Error ellipse: s-maj=20.3km s-min=5.6km az=72.0 MDD 22 09:30:09.3, 2.4, 35.61N, 11.38W, h0km, mb4.0/2, Error ellipse: s-maj=33.0km s-min=18.5km az=135.0, PRXIMO

CSEM 22 09:30:11.3, 0.4, 35.65N, 11.18W, h10km, mb4.0, Error ellipse: s-maj=10.3km s-min=6.7km az=131.0 ISC 22 09:30:09.4, 1.1, 35.6N, 0.1, 11.3W, 0.2, h10km, n49, c088/78, 2D, Azores-Cape St. Vincent Ridge

ISC 22 09:30:09.4, 1.1, 35.6N, 0.1, 11.3W, 0.2, h10km, n49, c088/78, 2D, Azores-Cape St. Vincent Ridge

ISC 22 09:30:09.4, 1.1, 35.6N, 0.1, 11.3W, 0.2, h10km, n49, c088/78, 2D, Azores-Cape St. Vincent Ridge

ISC 22 09:30:09.4, 1.1, 35.6N, 0.1, 11.3W, 0.2, h10km, n49, c088/78, 2D, Azores-Cape St. Vincent Ridge

ISC 22 09:30:09.4, 1.1, 35.6N, 0.1, 11.3W, 0.2, h10km, n49, c088/78, 2D, Azores-Cape St. Vincent Ridge

ISC 22 09:30:09.4, 1.1, 35.6N, 0.1, 11.3W, 0.2, h10km, n49, c088/78, 2D, Azores-Cape St. Vincent Ridge

ISC 22 09:30:09.4, 1.1, 35.6N, 0.1, 11.3W, 0.2, h10km, n49, c088/78, 2D, Azores-Cape St. Vincent Ridge

ISC 22 09:30:09.4, 1.1, 35.6N, 0.1, 11.3W, 0.2, h10km, n49, c088/78, 2D, Azores-Cape St. Vincent Ridge

ISC 22 09:30:09.4, 1.1, 35.6N, 0.1, 11.3W, 0.2, h10km, n49, c088/78, 2D, Azores-Cape St. Vincent Ridge

ISC 22 09:30:09.4, 1.1, 35.6N, 0.1, 11.3W, 0.2, h10km, n49, c088/78, 2D, Azores-Cape St. Vincent Ridge

ISC 22 09:30:09.4, 1.1, 35.6N, 0.1, 11.3W, 0.2, h10km, n49, c088/78, 2D, Azores-Cape St. Vincent Ridge

ISC 22 09:30:09.4, 1.1, 35.6N, 0.1, 11.3W, 0.2, h10km, n49, c088/78, 2D, Azores-Cape St. Vincent Ridge

ISC 22 09:30:09.4, 1.1, 35.6N, 0.1, 11.3W, 0.2, h10km, n49, c088/78, 2D, Azores-Cape St. Vincent Ridge

ISC 22 09:30:09.4, 1.1, 35.6N, 0.1, 11.3W, 0.2, h10km, n49, c088/78, 2D, Azores-Cape St. Vincent Ridge

ISC 22 09:30:09.4, 1.1, 35.6N, 0.1, 11.3W, 0.2, h10km, n49, c088/78, 2D, Azores-Cape St. Vincent Ridge

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like Vila Bispo, Vila Bispo, Vila Bispo, etc.

Table with 4

Table with columns: KAPI, KAPPANG, SNR, 13.86, 270, P, Pn, 10 48 38.4, -0.2, GIRL, GIRALIA, 2017 225, P, P, 10 50 51.6, +1.1, 22d 10h

Table with columns: GIRL, GIRALIA, 2017 225, P, P, 10 50 51.6, +1.1, 22d 10h

Table with columns: SISI, SAIBA, 34.73, 275, P, P, 10 52 10.1, -1.7, 22d 10h

22d 10h

Table with columns for station name, frequency, power, and various signal quality metrics (e.g., SNR, SNR=30, etc.).

2012 FEB

Table with columns for station name, frequency, power, and various signal quality metrics (e.g., SNR, SNR=30, etc.).

1192

Table with columns for station name, frequency, power, and various signal quality metrics (e.g., SNR, SNR=30, etc.).

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ZEA, PYUN, URUV, JBP, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MAKZ, SATY, KSH, ZHN, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TBI, BRZS, TIAR, TVO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include JIO Ouri, JIO Ofunato, JMK Ichinoseki, etc.

ATH 22 11:10:49.2, 37.10N-28.31E, h16km, 3km, ML2.1/1, Error ellipse: s-maj=5.4km s-min=2.2km az=212.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include YER Yerkesik, YKAV Yalilvak-Bodr, etc.

DDA 22 11:05:56.3, 37.17N-27.87E, h7km, ML2.9 Error ellipse: s-maj=8.4km s-min=4.3km az=21.0, Suspected Mining explosion.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GEVA Gevas, SIRT Sirkak, etc.

IDC 22 11:22:33.1, 3.3, 55.98N-86.28E, h0km, mb1 2.9/2, mb1mx2.7/1.7, mbtpt2.9/2, ML2.6/2, Error ellipse: s-maj=29.8km s-min=24.5km az=83.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

ISCJB 22 11:38:05.7, 0.4, 59.89N-0.03-24.17E, h0km, Error ellipse: s-maj=4.1km s-min=3.5km az=139.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MEF Metsahovi, ARBE Arbavere, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PVA Pernaia, MTSE Matsula, etc.

DDA 22 11:41:01.4, 38.08N-42.82E, h7km, ML2.7 Error ellipse: s-maj=4.7km s-min=3.7km az=135.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GEVA Gevas, SIRT Sirkak, etc.

KRSC 22 11:48:41.8-1.2, 49.26N-156.25E, h105km, 21km, ML3.9, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SKR Severo-Kuril's, PAU Puzhetka, etc.

BJJ 22 12:02:38.5, 4.72N-94.36E, h16km, mb5.3/74, mb5.0/60, Ms5.0/75, Ms7.4/870

MOS 22 12:02:42.0, 0.9, 5.09N-94.43E, h21km, mb5.4/85, MS4.7/15, Error ellipse: s-maj=6.5km s-min=3.8km az=116.4

ISCJB 22 12:02:44.0, 0.4, 4.96N-0.02-94.40E, h0km, 21km, ML3.9, mb5.2/233, MS4.7/83, Error ellipse: s-maj=3.8km s-min=2.5km az=43.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SKR Severo-Kuril's, PAU Puzhetka, etc.

KLM 22 12:02:48.8, 4.78N-94.51E, h47km, mb5.2, ISC 22 12:02:45.1, 0.4, 5.00N-94.38E, h0km, 21km, h33km, 2km, h33km, p-P, n843, r1968/908, mb5.2/255, MS4.7/83, 47C-18D, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MLSI Meulaboh, Aceh, LHMI Lhok Sumawe, etc.

DDA 22 11:41:01.4, 38.08N-42.82E, h7km, ML2.7 Error ellipse: s-maj=4.7km s-min=3.7km az=135.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GEVA Gevas, SIRT Sirkak, etc.

KRSC 22 11:48:41.8-1.2, 49.26N-156.25E, h105km, 21km, ML3.9, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SKR Severo-Kuril's, PAU Puzhetka, etc.

BJJ 22 12:02:38.5, 4.72N-94.36E, h16km, mb5.3/74, mb5.0/60, Ms5.0/75, Ms7.4/870

MOS 22 12:02:42.0, 0.9, 5.09N-94.43E, h21km, mb5.4/85, MS4.7/15, Error ellipse: s-maj=6.5km s-min=3.8km az=116.4

ISCJB 22 12:02:44.0, 0.4, 4.96N-0.02-94.40E, h0km, 21km, ML3.9, mb5.2/233, MS4.7/83, Error ellipse: s-maj=3.8km s-min=2.5km az=43.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SKR Severo-Kuril's, PAU Puzhetka, etc.

URV	comp=Z,37nm,0.8s	I Amb	I Amb	12 07 12.9
URV	Hyderabad	eS	S	12 10 34.9 -14
HYB	Hyderabad	iP	P	12 07 15.0 +0.2
HYB	Hyderabad	eS	S	12 07 16.5 -9.3
HYB	Hyderabad	eP	P	12 07 13.1 -0.1
HYB	Hyderabad (bro	eP	Pn	12 07 14.3 -0.6
HYBB	comp=Z,85nm,1.3s	I Amb	I Amb	12 07 17.3
HYBB	Semarang	eS	S	12 10 44.5 -10
SMRI	Rampur	eP	Pn	12 07 16.7 -0.4
RPR	comp=Z,98nm,0.8s	eP	Pn	12 07 20.7 +1.8
RPR	comp=Z,49nm,1.1s	I Amb	I Amb	12 07 21.4
RPR	Bokaro	eS	S	12 10 53.6 -8.2
BOK	Bokaro	eP	Pn	12 07 20.7 -1.1
BOK	comp=Z,145nm,0.7s	I Amb	I Amb	12 07 21.5
QIZ	Qiongzhong	P	P	12 07 22.0 +1.0
QIZ	QIZ	pP	Pn	12 07 24.3 +0.9
QIZ	QIZ	LR	LR	
QIZ	comp=Z,4um,14.7s	LR	LR	
QIZ	comp=Z,2um,14.2s	LR	LR	
QIZ	comp=Z,3um,18.6s	LR	LR	
QIZ	Qiongzhong	eP	Pn	12 07 22.5 -0.9
QIZ	comp=Z,29nm,0.8s	eP	Pn	12 11 33.1 +1.3
QIZ	Shillong	eP	P	12 07 19.2 -2.5
SHL	Shillong	eP	I Amb	12 07 21.1
SHL	comp=Z,66nm,0.8s	eS	S	12 11 12.0 +1.5
SRSP	Sriramsagar	eP	S	12 07 26.0 +1.1
SRSP	comp=Z,33nm,0.9s	I Amb	I Amb	12 07 27.1
SRSP	comp=Z,33nm,0.9s	eS	S	12 11 07.3 -9.0
TBJJ	Tambak Boyo	P	P	12 07 29.3 +3.1
PCJI	Pacitan	P	P	12 07 29.4 +0.5
PCJI	comp=Z,52nm,1.1s	P	P	12 07 30.2 +0.7
MTKI	Muara Teweih, K	P	P	12 07 34.3 +2.1
MTKI	Kunming	P	P	12 07 37.0 -3.9
KMI	KMI	pP	pP	12 07 38.9 -6.1
KMI	KMI	sP	sP	12 07 39.4 +6.1
KMI	KMI	Pn	Pn	12 11 29.6 -0.2
KMI	KMI	S	S	12 11 35.3 -3.7
KMI	KMI	SS	SS	12 12 05.9 +1.1
KMI	KMI	pmax	pmax	
KMI	comp=Z,56nm,0.8s	pmax	pmax	
KMI	comp=Z,350nm,4.8s	LR	LR	
KMI	comp=Z,1um,20.1s	LR	LR	
KMI	comp=Z,2um,19.3s	LR	LR	
KMI	comp=Z,1um,24.1s	LR	LR	
PWJI	Pagerwojo	P	P	12 07 36.5 +3.4
KLRI	Killari	eP	P	12 07 34.1 +0.5
KLRI	comp=Z,70nm,0.8s	I Amb	I Amb	12 07 40.3
KLRI	Kota Kinabalu	eS	S	12 11 23.9 -8.5
KKM	KKM	eP	P	12 07 32.9 -1.3
NGP	Nagpur	eP	P	12 07 36.4 -6.5
NGP	Nagpur	eP	P	12 07 35.8 +0.2
NGP	Nagpur	eP	P	12 07 50.1 +5.9
SDKM	Sandakan	eP	P	12 07 45.1 +0.5
GOA	Goa	eP	P	12 07 45.6 +1.1
ODAN	Odare	eP	P	12 07 42.7 -2.2
JBP	Jabalpur	22.80 324	eP	12 07 44.0 -1.2
KMMI	Kalianget	22.92 121	P	12 07 47.5 +1.0
KMMI	comp=Z,146nm,0.7s,comp=Z,3um	eP	P	12 07 47.1 -1.1
RAMN	Ramit	23.06 342	eP	12 07 47.5 -1.3
RAMN	comp=Z,127nm,0.6s	eP	P	12 07 54.2 +5.5
TAPN	Tapejung	23.12 345	eP	12 07 56.5 +6.5
TAPN	comp=Z,314nm,0.7s	eP	P	12 07 53.4 +2.7
GMJI	Gumukmas	23.13 125	P	12 07 52.8 +1.2
GMJI	Kotabaru	23.27 110	P	12 07 54.4 +1.8
BKB	Balikpapan	23.33 105	P	12 07 54.9 -0.5
TSM	Tawau	23.42 91	P	12 07 54.9 -0.5
ABJI	Asem Bagus	23.53 123	P	12 07 54.9 -0.5
JAGI	Jajag, Banyuwa	23.82 124	eP	12 07 54.9 -0.5
JAGI	comp=Z,48nm,0.6s,comp=Z,1um	eP	P	12 07 54.9 -0.5
JAGI	Jajag, Banyuwa	23.82 124	eP	12 07 54.9 -0.5
JIRN	Jiri	23.85 342	eP	12 07 54.9 -1.1
JIRN	comp=Z,302nm,0.6s	eP	P	12 07 58.1 +0.8
MYLDM	Lahad Datu	24.02 88	eP	12 07 57.9 +0.6
MYLDM	Lahad Datu	24.02 88	eP	12 07 57.9 +0.6
PKI	Pulchoki	24.02 340	eP	12 07 56.8 -0.8
PKI	comp=Z,82nm,0.7s	eP	P	12 07 57.0 -0.6
PKIN	Phulchoki	24.03 340	eP	12 07 59.4 +0.9
POO	Poona	24.14 306	eP	12 08 01.6
POO	comp=Z,42nm,0.3s	I Amb	I Amb	
DMN	Daman	24.16 340	eP	12 07 58.8 0.0
DMN	comp=Z,117nm,0.7s	eP	P	12 07 58.2 -0.9
GUN	Gumba	24.18 341	eP	12 07 58.2 -0.9
GUN	comp=Z,178nm,0.7s	eP	P	12 07 59.3 -0.4
KKN	Kakanj	24.27 340	eP	12 07 59.3 -0.4
KKN	comp=Z,101nm,0.7s	eP	P	12 08 00.3 -0.1
GYA	Guiyang	24.36 281	eP	12 11 41.6 +2.0
GYA	comp=Z,180nm,0.7s	eP	P	12 12 19.4 +1.4
GYA	GYA	S	S	12 13 13.0 +1.0
GYA	GYA	ScP	ScP	12 15 19.4 +3.4
GYA	GYA	pmax	pmax	
GYA	comp=Z,240nm,6.2s	pmax	pmax	
GYA	comp=Z,1um,21.1s	LR	LR	
GYA	comp=Z,2um,17.0s	LR	LR	
GYA	comp=Z,2um,21.0s	LR	LR	
BHPL	Bhopal	24.43 320	eP	12 08 01.6 +0.6
BHPL	comp=Z,33nm,0.7s	I Amb	I Amb	12 08 03.1
SRBI	Singaraja	24.51 122	P	12 08 03.1 +1.4
LSA	Lhasa	24.76 353	P	12 08 04.8 +0.4
LSA	Lhasa	S	S	12 12 26.3 +1.2
LSA	Lhasa	LR	LR	
LSA	Lhasa	eP	P	12 08 04.4 0.0
LSA	comp=Z,1um,21.3s	pmax	pmax	
LSA	comp=Z,132nm,0.6s	eP	P	12 08 04.4 0.0
LSA	Lhasa	eS	S	12 15 17.8 +0.3
LSA	Lhasa	iP	P	12 08 04.7 +0.2
KOLN	Koldanda	24.87 337	eP	12 08 05.5 +0.4
KOLN	SNR=51	eP	P	12 08 12.3 +5.1
DGAR	Diego Garcia	25.11 2411	eP	12 08 09.0 +1.2
MCO	Taipa Grande H	25.19 46	P	12 34 01.9
H0S2	Diego Garcia H	25.19 240	T	12 33 51.3
H0S2	comp=Z,90nm,0.7s,SNR=2095	T	T	
H0S3	Diego Garcia H	25.19 240	T	12 33 51.3
H0S3	comp=Z,90nm,0.7s,SNR=2114	T	T	
H0S1	Diego Garcia H	25.21 240	T	12 33 52.6
H0S1	comp=Z,90nm,0.7s,SNR=1671	T	T	
DANN	Dangsing	25.32 338	eP	12 08 10.0 +0.6
DANN	comp=Z,21nm,0.9s	eP	P	12 08 11.6 +1.6
PYUN	Piuthan	25.40 336	eP	12 08 18.1 +6.0
PYUN	comp=Z,22nm,0.4s	eP	P	12 12 53.3 +1.5
GZH	Guangzhou	25.66 44	P	12 13 55.3 +2.1
GZH	Guangzhou	S	S	12 13 55.3 +2.1
GZH	Guangzhou	SS	SS	12 08 15.2 +0.8
MPSI	Mapaga	25.90 100	T	12 35 26.2
MPSI	comp=Z,37nm,0.7s,comp=Z,90nm	T	T	
H08N1	Diego Garcia H	25.90 244	T	12 35 26.2
H08N1	comp=Z,118nm,0.7s,SNR=6.2	T	T	
H08N2	Diego Garcia H	25.91 245	T	12 34 56.0
H08N2	SNR=6.9	T	T	
H08N3	Diego Garcia H	25.93 244	T	12 35 31.4

TTSI	Tana Toraja	26.64 107	P	12 08 23.7 +2.6
PLAI	Plampang	27.07 120	P	12 08 23.6 -1.3
KAPI	Kappang	27.22 111	eP	12 08 26.1 -0.2
KAPI	comp=Z,95nm,0.8s	eP	P	12 08 26.9 +0.6
KAPI	Kappang	27.22 111	P	12 08 26.9 +0.6
KAPI	SNR=12	P	P	12 08 26.9 +0.6
KAPI	Kappang	27.22 111	P	12 08 26.9 +0.6
KAPI	SNR=12	P	P	12 08 26.9 +0.6
CD2	Chengdu	27.25 18	P	12 08 25.4 -1.0
CD2	CD2	pP	pP	12 08 32.0 -3.8
CD2	CD2	Pn	Pn	12 09 12.8 +2.0
CD2	CD2	PcP	PcP	12 11 44.6 -1.4
CD2	CD2	S	S	12 13 06.5 +2.9
CD2	CD2	SS	SS	12 14 20.3 +6.9
CD2	CD2	pmax	pmax	
CD2	comp=Z,150nm,0.6s	pmax	pmax	
CD2	comp=Z,220nm,5.3s	LR	LR	
CD2	comp=Z,2um,15.6s	LR	LR	
CD2	comp=Z,1um,18.0s	LR	LR	
CGY	Tagaytay City	27.68 69	P	12 08 30.2 -0.2
CGY	comp=Z,164nm,0.3s,baz=197,slo=1.0,SNR=6.3	LR	LR	12 18 45.9
MRSI	Marisa	27.88 98	P	12 08 32.3 0.0
MRSI	comp=Z,89nm,0.7s,comp=Z,715nm	P	P	12 08 35.8 -0.3
BSSI	Bau Bau, Buton	28.32 113	P	12 08 38.0 -0.8
BSSI	comp=Z,45nm,0.9s,comp=Z,1um	eP	P	12 08 41.8 +1.3
NDI	New Delhi	28.64 327	eP	12 08 40.1 -1.0
RCP	Roxas	28.80 75j	eP	12 08 41.8 +1.3
ENH	Enshi	28.90 28	eP	12 08 40.1 -1.0
ENH	comp=Z,88nm,0.7s	eS	S	12 13 24.7 -4.9
LUWI	Luwuk	28.99 101	P	12 08 43.0 +0.9
LUWI	comp=Z,160nm,0.6s,comp=Z,2um	eP	P	12 08 42.5 +0.4
LUWI	Luwuk	28.99 101	eP	12 08 42.7 +0.6
LUWI	Luwuk	eP	P	12 08 47.4 +0.1
KDI	Kendari	29.58 107	P	12 08 51.1 +1.1
KDI	comp=Z,23nm,0.8s	P	P	12 08 51.7 +0.5
KMSI	Cibinong	29.88 98	P	12 08 54.0 -1.3
KMSI	comp=Z,280nm,0.6s	P	P	12 08 56.5 +0.1
BBSI	Bau Bau, Flores	30.01 110	P	12 08 56.9 -2.1
BBSI	comp=Z,17nm,0.8s	eP	P	12 08 59.4 +0.3
SMLA	Smla	30.62 330	eP	12 08 51.7 +0.5
MMRI	Maumere	30.90 116	P	12 08 59.4 +0.3
MMRI	Maumere	30.90 116	eP	12 08 59.4 +0.3
DAV	Davao City (W)	31.09 85	LR	12 25 41.9
DAV	comp=Z,43nm,1.0s	LR	LR	
TPUB	Ta-pu	31.18 52	eP	12 09 04.2 +2.8
TPUB	comp=Z,81nm,18.5s,baz=26,slo=44	eP	P	12 09 05.8 +0.7
WHN	Wuhan	31.62 34	iP	12 09 19.0 +0.5
WHN	Wuhan	iP	S	12 09 19.0 +0.5
WHN	Wuhan	pmax	pmax	
WHN	comp=Z,140nm,0.9s	pmax	pmax	
WHN	comp=Z,730nm,3.4s	LR	LR	
WHN	comp=Z,5um,14.4s	LR	LR	
WHN	comp=Z,6um,14.7s	LR	LR	
WHN	comp=Z,8um,14.4s	LR	LR	
SSLB	Suanguiling	31.69 51	eP	12 09 06.5 +0.6
SSLB	comp=Z,2um,20.6s	eP	P	12 09 06.5 +0.6
YULB	Yu-hi	31.75 52	eP	12 09 08.4 +1.9
YULB	comp=Z,23nm,0.7s	eP	P	12 09 06.8 -0.9
XAN	Xi'an	31.90 23	P	12 09 10.6 -6.5
XAN	XAN	pP	pP	12 14 10.4 -6.3
XAN	XAN	S	S	
XAN	XAN	pmax	pmax	
XAN	comp=Z,170nm,0.7s	LR	LR	
XAN	comp=Z,1um,22.8s	LR	LR	
XAN	comp=Z,2um,18.9s	LR	LR	
XAN	comp=Z,2um,20.6s	LR	LR	
DHRM	DHARAMSHALA	31.96 330	eP	12 09 07.0 -1.4
DHRM	DHRM	I Amb	I Amb	12 09 21.6
LZH	Lanzhou	32.15 14	iP	12 09 09.1 -0.8
LZH	Lanzhou	iP	P	12 09 12.6 -6.7
LZH	Lanzhou	pP	pP	12 09 15.8 -7.5
LZH	Lanzhou	sP	sP	12 10 16.0 -0.4
LZH	Lanzhou	eS	S	12 14 21.0 +0.4
LZH	Lanzhou	SS	SS	12 16 15.1 +2.4
LZH	Lanzhou	pmax	pmax	
LZH	comp=Z,45nm,1.0s	pmax	pmax	
LZH	comp=Z,230nm,4.1s	LR	LR	
LZH	comp=Z,600nm,13.0s	LR	LR	
LZH	comp=Z,1um,13.3s	LR	LR	
LZH	comp=Z,2um,16.2s	LR	LR	
THN	Thein Dam	32.40 330	eP	12 09 11.0 -1.0
YHNB	Yeheng	32.48 50	eP	12 09 14.6 +1.6
YHNB	comp=Z,38nm,1.0s	eP	P	12 09 13.5 -2.6
BATI	Baumata	32.84 117	P	12 09 13.5 -2.6
BATI	comp=Z,26nm,0.4s,baz=315,slo=2.7,SNR=8.0	LR	LR	12 24 33.3
BATI	comp=Z,2um,20.1s,baz=305,slo=40	LR	LR	
SOE	Soe	33.19 116	eP	12 09 16.5 -2.8
SOE	comp=Z,54nm,0.8s	eP	P	12 09 24.8 +1.9
GIRI	Giralia	33.64 146	P	12 09 31.3 -0.3
GIRI	comp=Z,2um,20.1s,baz=305,slo=40	P	P	12 09 36.3 -4.5
GTA	Gaotai	34.61 7	iP	12 09 39.0 -5.7
GTA	Gaotai	pP	pP	12 15 00.4 +1.6
GTA	Gaotai	S	S	12 15 09.0 -0.4
GTA	Gaotai	ScP	ScP	12 15 47.4 -1.1
GTA	Gaotai	SS	SS	12 17 18.3 +5.9
GTA	Gaotai	pmax	pmax	
GTA	comp=Z,38nm,0.8s	pmax	pmax	
GTA	comp=Z,240nm,5.7s	LR	LR	
GTA	comp=Z,430nm,20.4s	LR	LR	
GTA	comp=Z,490nm,20.0s	LR	LR	
GTA	comp=Z,510nm,20.0s	LR	LR	
NJ2	Nanjing	35.35 37	eP	12 09 38.3 +0.7
NJ2	Nanjing	pP	pP	12 09 41.3 -5.8
NJ2	Nanjing	S	S</	

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like YAK, EIDS, BR131, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SEY, VOIR, ARR, BURAR, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BILL, UPC, ARSA, BOJS, etc.

22d 12h

Table with columns: Station Name, Time, Azimuth, Phase, Residual, and other parameters. Includes stations like Rata Peaks, Molde, Champ du Feu, Aaknes, Lac Senin/Sane, Odda, Blasjo, Hoyanger, La Plagne, Bardonecchia, La Foret Royal, Bergen, Saint-Julien-l-her, Saint Sauveur, Saint Sauveur, Saint Sauveur, Tamnasset, Tamnasset, Gambell, Urewera, La Druitiere, Vanda, Vanda, Eskdalemuir Ar, Eskdalemuir Ar, Danmarks Havn, Danmarks Havn, Torodi Ar. Sit, Torodi Ar. Bea, TORD, TORD, SONSECA Array, SONSECA Array, Toolik Lake Re, Toolik Lake Re, Coldfoot, Moncorvo, Manteigas, PMRV, Bear Paw Mtn., PGAV, BORG, PVAQ, KOWA, IL1, ILAR, ILAR, ILB, DBIC, MENT, INK, YKA, YKA, TBI, TBI, PPT2, PPT2, EDM, EDM, SCHG, FFC, FFC, CO9A, CO9A, HJSD, HJSD, MSO, MSO, MSO, BMO, BMO, M04C, M04C, EGMT, EGMT, EGMT, MOD, MOD.

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Table with columns: Station Name, Time, Azimuth, Phase, Residual, and other parameters. Includes stations like Paynes Creek, Lac du Bonnet, Dagmar, Bozeman (W), Bozeman (W), Hailey, Hailey, LSA Array, LSA Array, LASA Array, LASA Array, Rocking H Ranc, Warroad, Pah Rng Range, Greenbush Farm, Nuku Hiva Isla, Red Lodge, Red Lodge, Ashes, Strandq, Pine Nut, Aery, Baudette, Landman Farms, Fox Creek, Trail, Kaiserville, Kaiserville, Ryan, Ryan, Mcclaffin, Tow, Mina Array Sit, Mina Array Sit, AnnSam, AnnSam, Park Rapids, Remer, Boulder Array, Pinedale Array, Pinedale Array, Westby DABS, Hardware Ranch, Black Hills, Black Hills, 5 Mile Ranch, Dugway, Tooele, Dugway, Tooele, Troy Canyon, C, Troy Canyon, C, Milaca, Milaca, Casper, Casper, North Lily Mtn, Ortonville, Hinrichs Farm, Rikitea, Darwin (Calif), Darwin (Calif), Watkins, Pine Spring, Manual Prospec, Popoh Spring, Holcombe, Ridgeland, Sunnyside Ranc, Butcher Ranch, Jessenland, He, Coleman, Marysvalley, Marysvalley, Castle Valley, Cedar City, San Rafael Svc, San Rafael Svc, EROS Data Cent, EROS Data Cent, White River Ci, White River Ci, Mount Pierson, Mount Pierson, Davis, Little Creek M, George, Houston, O'Neill, Seneca, I, Swea, Verdigre, Redenius Farm, Decora, Loganville, Snowmass, Snowmass, Gilmore City, Gilmore City, Iron Mountain, Iron Mountain, Jewell Farm, Jewell Farm, Parkersburg, Parkersburg, Binghamton, Binghamton, Svendsen Farm, Svendsen Farm, Warrum Farm, Warrum Farm, Neola, Neola, Welter, Welter, Oil Creek Stat, Oil Creek Stat, State Game Lan, State Game Lan.

1200

Table with columns: Station Name, Time, Azimuth, Phase, Residual, and other parameters. Includes stations like Beatrice, Derby Farms, D, Wainwright Farm, Blue Knob Stat, Trinidad, Duane Minner, Lathrop, Dawn, Chapman, Cooks Store, C, Willow Grove F, Albuquerque, Albuquerque, Albuquerque, Tucson, Tucson, Tucson, Gordon, Harris, Truett, Teagarden Farm, Golden Eagle, New Douglas, Warren Harvey, Barren Site, Fenwick Farm, Chumby, Stover, Otter Creek Ra, Maddies Station, Lake Cedric, Rosebud, Bud, Stockton, Bolivar, Lebanon, Caledonia, Diamond, Muleshoe, Cornudas Mount, TKL, Lajitas Array, Lajitas Array, Paso Flores, HPIG, Chaparral WMA, McAlpin, McAlpin, Kattler, Villa Florida, Willston, Oxford, Zephyrhills, Kemper Cattle, San Martin, Linares, Zaic, Cerro Valdivia, Uspallata, PUNTA DE LOS L, APPL, APPL, RTLL, Cerro Villucun, RTLL, Leonicito, AROS, Mogna, Choya, San Juan, San Juan, San Juan, Mayaguez, GUANDACOL, Vinchina, VCA, VCA, SDDR, Presa de Saban, LPAZ, LPAZ, Santo Domingo, Santo Domingo.

IDC 22:12:17.02:2.1, 4, 25.85N:141.44E, h0km, mb3.1/3, mb1.3/3, mb1mx3.1/58, mbtmp3.1/3, Error ellipse: s-maj=53.5km s-min=23.9km az=105.0, Volcano Islands region
Code Station Name Az Phase ID Res
JCJ Chichijima 1.41 28 Pn ISC
WRA Warrum Array 46.04 189 S2 ISC
JCJ 0.0m, 5.5, baz=4.7, slow=7.6, SNR=2.5 Sg
ASAR Alice Springs 49.76 189 P 12 26 00.5 -1.1
MKAR Makarandi Array 50.76 310 P 12 26 09.2 +0.2
ISCJB 22:12:19.0:2.0, 4, 59.88N:0.02:24.22E:0.05, h0km, Error ellipse: s-maj=3.6km s-min=3.2km az=141.5
NAO 22:12:19.0:2.0, 4, 59.81N:24.26E, ML2.0, HEL 22:12:19.1:1, 8.0, 1.9, 59.89N:24.19E, h0km, ML2.1, ML2.0(U/P), Explosion
CSEM 22:12:19.1:1, 9.0, 2.0, 59.90N:24.23E, h2km, ML2.1, Error ellipse: s-maj=4.7km s-min=3.9km az=154.0, Mining explosion.
BER 22:12:19.1:1, 9.3, 0.0, 59.86N:24.28E, h0km, ML2.0(NAO), Suspected explosion.
UPP 22:12:19.1:1, 4, 59.89N:24.26E, h0km, ML2.0, Suspected Mining explosion.
IDC 22:12:19.2:2.4, 59.94N:24.15E, h0km, mb1.3/3, mb1mx2.9/61, mbtmp3.1/3, ML2.7/3, Error ellipse: s-maj=25.9km s-min=7.1km az=147.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ZALV, ZALV, ZAA1, ZAA1, KURBB, KURBB, KURK, KURK, etc.

IDC 22 17:22:54.0-5.8, 3:55N-96:43E, h0km, mb3.4/5, mb1 3.4/5, mb1mx3.2/69, mbtmp3.4/5, Error ellipse: s-maj=299.7km s-min=21.5km az=56.0

ISC/JB 22 17:22:55.6-0.9, 3:13N-100:05.95, 80E:0.08, h38km, mb3.4/5, Error ellipse: s-maj=10.9km s-min=6.7km az=166.9

DJA 22 17:22:56.5-1.2, 3:13N-96:06E, h20km, 11km, M3.4/4, MLV3.4/4

ISC 22 17:22:57.8-1.3, 3:16N-100:06.95, 95E:0.1, h38km, n12, 0:594/13, mb3.2/5, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MSLSI, MSLSI, TPTI, TPTI, LHHI, LHHI, etc.

IDC 22 17:32:52.5-1.1, 54:15N-169:40E, h0km, mb3.4/5, mb1 3.6/6, mb1mx3.3/77, mbtmp3.4/6, ML2.8/1, Error ellipse: s-maj=82.4km s-min=21.1km az=143.0

ISC/JB 22 17:32:53.2-0.8, 53:94N-107:169, 10E:0.09, h17km, mb3.2/5, Error ellipse: s-maj=10.8km s-min=7.5km az=162.5

KRSC 22 17:32:54.5-2.1, 53:94N-106:99E, h60km, 23km, ML3.7, 0:181/26, mb3.3/5, Komandorsky Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BKE, Bering, BKE, Bering, BKTR, Krutoberegovo, etc.

IDC 22 17:35:51.5-2.2, 5:80S-130:46E, h0km, mb3.2/1, mb1 3.6/4, mb1mx3.2/52, mbtmp3.3/4, ML3.5/7, 0, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BATI, Baumata, BATI, Baumata, WRA, Warramunga Arr, etc.

IDC 22 17:38:32.6-62.0, 21:22S-177:69W, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.6/40, mbtmp3.8/3, Error ellipse: s-maj=1135.0km s-min=157.1km az=84.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like STKA, Stephens Creek, STKA, Stephens Creek, ASAR, Alice Springs, etc.

ISK 22 17:39:44.2, 38:68N-40:20E, h11km, MD2.6/1, ISC/JB 22 17:39:45.2, 0.7, 38:63N-40:03, 16E:0.06, h9km, 8km, Error ellipse: s-maj=7.7km s-min=4.5km az=156.8

DDA 22 17:39:45.9, 38:56N-40:25E, h7km, MD2.4, CSEM 22 17:39:45.1, 0.3, 38:60N-40:15E, h8km, MD2.4, Error ellipse: s-maj=9.0km s-min=5.4km az=40.0

ISC 22 17:39:44.2, 1.2, 38:57N-103:40, 17E:0.03, h5km, 11km, n21, 0:117/31, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DYBB, Diyarbakir, DYBB, Diyarbakir, DIYA, Diyarbakir, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DIY, Pertek, DIY, Pertek, PTK, Pertek, etc.

IDC 22 17:41:15.1, 3.6, 14:37N-92:57W, h0km, mb3.5/3, mb1 3.8/5, mb1mx3.5/47, mbtmp3.4/5, ML3.5/2, Error ellipse: s-maj=114.1km s-min=56.3km az=41.0

MEX 22 17:41:18.3-0.6, 14:11N-93:15W, h16km, 71km, MD4.0, ISC 22 17:41:18.0-1.7, 14:31N-93:09, 08W:0.08, h10km, n11, 0:148/14, mb3.5/3, Near coast of Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like THIG, THIG, THIG, THIG, PCIG, Comitan, etc.

CMIG 8.4nm, 0.3s, baz=88, slow=17, SNR=9.0, HOGE1 SOCORRO T-PHASE 3.68 287 T 18 03 30.1

TXAR Lajitas Array 17.89 328 P 17 45 30.4 +2.7

NVAR Mina Array Bea 32.79 322 P 17 47 53.5 +1.9

YKA Yellowknife Arr 50.50 347 P 17 50 15.3 -0.7

ILAR Eielson Array 62.16 337 P 17 51 38.4 -0.8

CMAR Chiang Mai Arr 145.36 340 PKPbc 18 00 55.0 -1.9

DDA 22 17:51:16.9, 37:16N-27:83E, h7km, ML2.5, Suspected Mining explosion.

ISK 22 17:51:16.3, 37:11N-27:80E, h5km, ML2.1/5, ISC/JB 22 17:51:17.3, 0.6, 37:20N-27:81E:0.03, h0km, Error ellipse: s-maj=5.3km s-min=3.5km az=173.0

CSEM 22 17:51:17.5, 0.2, 37:19N-27:83E, h2km, ML2.5, Error ellipse: s-maj=4.9km s-min=3.0km az=175.0, Suspected Mining explosion.

ISC 22 17:51:14.9, 1.2, 37:07N-0:06, 27:82E:0.02, h0km, n19, 0:056/32, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BDRM, Kayabasi, BDRM, Kayabasi, etc.

ISC/JB 22 18:01:55.0, 0.3, 67:07N-0:02, 20:96E:0.06, h0km, Error ellipse: s-maj=3.4km s-min=2.6km az=9.0

UPP 22 18:01:55.6, 67:10N-0:20, 96E, h0km, ML2.1, Mining explosion.

CSEM 22 18:01:56.1, 0.2, 67:08N-21:01E, h2km, ML2.1, Error ellipse: s-maj=4.7km s-min=3.7km az=98.0, Mining explosion.

HEL 22 18:01:56.2, 0.0, 67:09N-20:39E, h0km, ML2.3, ML2.1(UPP), Explosion

NAO 22 18:01:56.1, 0.9, 67:11N-20:84E, ML2.7, IDC 22 18:01:57.1, 0.8, 67:02N-21:36E, h0km, mb1 3.3/5, mb1mx3.0/68, mbtmp3.3/5, ML2.6/5, Error ellipse: s-maj=17.2km s-min=8.1km az=103.0

BER 22 18:01:59.1, 3.1, 67:07N-20:75E, h0km, ML1.6, ML2.7(NAO), Suspected explosion

ISC 22 18:01:56.3, 0.6, 67:07N-0:02, 20:95E:0.02, h0km, n96, 0:088/127, Sweden

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DUNU, Dunderet, DUNU, Dunderet, etc.

NCC 22 18:07:26.1, 4.8, 37:31N-68:11E, h0km, mb3.6, mpv3.0, 8C-4D, Error ellipse: s-maj=34.6km s-min=31.6km az=48.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DUNU, Dunderet, DUNU, Dunderet, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TOF, Hetta, TOF, Hetta, HEF, Hetta, etc.

ISC/JB 22 18:01:55.0, 0.3, 67:07N-0:02, 20:96E:0.06, h0km, Error ellipse: s-maj=3.4km s-min=2.6km az=9.0

UPP 22 18:01:55.6, 67:10N-0:20, 96E, h0km, ML2.1, Mining explosion.

CSEM 22 18:01:56.1, 0.2, 67:08N-21:01E, h2km, ML2.1, Error ellipse: s-maj=4.7km s-min=3.7km az=98.0, Mining explosion.

HEL 22 18:01:56.2, 0.0, 67:09N-20:39E, h0km, ML2.3, ML2.1(UPP), Explosion

NAO 22 18:01:56.1, 0.9, 67:11N-20:84E, ML2.7, IDC 22 18:01:57.1, 0.8, 67:02N-21:36E, h0km, mb1 3.3/5, mb1mx3.0/68, mbtmp3.3/5, ML2.6/5, Error ellipse: s-maj=17.2km s-min=8.1km az=103.0

BER 22 18:01:59.1, 3.1, 67:07N-20:75E, h0km, ML1.6, ML2.7(NAO), Suspected explosion

ISC 22 18:01:56.3, 0.6, 67:07N-0:02, 20:95E:0.02, h0km, n96, 0:088/127, Sweden

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BURU, Burvik, BURU, Burvik, etc.

ARCS ARCES Array S 3.00 32 Pn 18 02 44.6 -0.5

ARAO ARCES Array S 3.00 32 Pn 18 02 44.6 -0.5

ARAO ARCES Array S 3.00 32 Pn 18 02 44.6 -0.5

ARAO ARCES Array S 3.00 32 Pn 18 02 44.6 -0.5

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ARAO ARCES Array S 3.00 32 Pn 18 02 44.6 -0.5

ARAO ARCES Array S 3.00 32 Pn 18 02 44.6 -0.5

22d 20h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KK31 Karatay Array, KK31 1.4nm, 0.7s, baz=191, slow=17, SNR=4.6, etc.

IDC 22 18:29:17.3.5.1, 1.76S, 139.36E, h0km, mb3.0/2, mb1.3/2.3, mb1mx3.0/4.8, mbtmp3.0/3, ML3.3/1.1, Error ellipse: s-maj=205.2km s-min=28.2km az=86.0, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

IDC 22 18:36:57.6.1.5, 37.31N, 142.19E, h0km, mb3.4/5, mb1.3/5.7, mb1mx3.3/6.5, mbtmp3.4/7, ML3.3/2, Error ellipse: s-maj=35.2km s-min=20.3km az=71.0

ISCJB 22 18:37:00.1.0.8, 3.37S, 150.06E, h24km, mb3.3/5, Error ellipse: s-maj=9.0km s-min=6.0km az=144.2

JMA 22 18:37:02.5.0.2, 37.33N, 141.89E, h31km, 4km, M3.3, ISC 22 18:37:01.8.1.2, 37.35N, 141.94E, 0.07, h24km, n22, 0.698/23, mb3.4/5, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JFK Kawachi, ONAJ Iwakimizuishi, JMS Marumori, etc.

IDC 22 18:51:18.1999.0, 48.74N, 2.37W, h0km, Error ellipse: s-maj=1024.0km s-min=198.4km az=77.0, France

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like 126DE FREYUNG INFRA310.61, 143RU DUBNA INFRA304.96, etc.

MAN 22 19:18:25.10.08N, 122.91E, h50km, mb4.0, ML2.8, MS2.4, 1C-1D, Panay

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GUIM Jordan, GUIM Sibulan, SNPH Roxas, etc.

IDC 22 19:20:40.1.3.6, 24.02S, 179.91E, h474km, 30km, mb3.1/4, mb1.3/3.5, mb1mx3.0/3.6, mbtmp4.0/5, Error ellipse: s-maj=87.1km s-min=26.5km az=155.0

ISCJB 22 19:20:41.0.1.5, 23.9S, 0.6, 179.8E, 0.2, h500km, mb3.5/4, Error ellipse: s-maj=80.2km s-min=23.3km az=166.3

ISC 22 19:20:42.9.1.5, 23.9S, 0.6, 179.8E, 0.2, h500km, n9, 0.174/8, mb3.5/4, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, STKA Stephens Creek, ASAR Alice Springs, etc.

MAN 22 19:43:37.976N, 123.04E, h28km, mb3.7, ML2.5, MS2.0, 3C-1D, Negros

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SNPH Sibulan, SNPH Tagbilaran, TBP Tagbilaran, etc.

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Table with columns: GUIM Jordan, DCPH Dipolog City, JCP San Jose, Anti, etc.

ISCJB 22 19:43:58.8.0.5, 3.87N, 0.03, 126.22E, 0.05, h65km, 5km, mb4.2/2.1, Error ellipse: s-maj=8.7km s-min=4.0km az=159.7

DJA 22 19:43:59.2.1.3, 4.15N, 12.87E, h16km, 10km, M4.4/1.0, mb4.4/7, mb5.05, MLV4.4/1.0, Mw(mb)4.3/5

NEIC 22 19:44:01.4.0.2, 3.92N, 126.27E, mb4.2/1.0, Error ellipse: s-maj=8.5km s-min=4.2km az=73.0

IDC 22 19:44:01.4.0.8, 3.92N, 126.17E, h66km, 6km, mb3.9/16, mb1.4/0.18, mb1mx3.8/5.7, mbtmp4.2/18, MS2.92, Ms1.2/9.2, ms1mx2.4/4.8, Error ellipse: s-maj=28.7km s-min=9.2km az=78.0

ISC 22 19:44:00.9.0.6, 3.86N, 0.04, 126.16E, 0.06, h62km, 5km, h63km, p-P, n69, 0.191/91, mb4.2/2.1, ID, Talau Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SANGI Sangihe, GSPH General Santos, DAV Davao City, etc.

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Table with columns: ILAR Eielson Array, ARCS ARCES Array B, ARCS ARCES Array C, etc.

IDC 22 20:21:36.9.0.7, 51.59N, 176.89W, h0km, mb3.8/13, mb1.4/1.16, mb1mx3.9/7.5, mbtmp3.8/16, ML3.8/2, MS3.3/3.1, Ms1.3/3.31, ms1mx3.1/7.4, Error ellipse: s-maj=26.0km s-min=12.9km az=166.0

ISCJB 22 20:21:42.1.0.3, 51.43N, 0.05, 176.91W, 0.05, h48km, mb3.8/13, MS3.3/28, Error ellipse: s-maj=7.0km s-min=3.9km az=157.3

NEIC 22 20:21:43.0.0.0, 51.41N, 176.81W, h34km, ML4.2(AEIC), After AEIC

ISC 22 20:21:43.0.0.6, 51.45N, 0.08, 176.90W, 0.04, h48km, n104, 0.191/83, mb3.9/13, MS3.4/28, Andreonof Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KIKV Kanaga Island, KIRH Kanaga Island, ADAG Mount Adagad, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SFJD, LPIG, LTX, TX31, etc.

ISC 22:20:28.25.3.1.5, 59.31S; 24.37W, h0km, mb4.3/2, mb1 4.5/3, mb1mx3.9/31, mbtmp4.4/3, ML4.6/1, Error ellipse: s-maj=50.2km s-min=36.4km az=171.0

ISC 22:20:28.25.1.1, 59.85S; 0.1242W, h10km, n12, e182/12, South Sandwich Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VN1, VN2, VN3, etc.

ISK 22:20:30:53.7, 38.67N; 43.29E, h23km, ML2.1/1, ISCJB 22:20:30:54.8, 0.9, 38.65N; 0.04:43.28E; 0.05, h24km, 6km, Error ellipse: s-maj=7.6km s-min=5.2km az=38.1

CSEM 22:20:30:54.3, 0.2, 38.65N; 43.28E, h20km, ML2.1, Error ellipse: s-maj=5.9km s-min=5.0km az=124.0

DDA 22:20:30:54.8, 38.68N; 43.27E, h7km, ML2.5, ISC 22:20:30:53.9, 1.0, 38.65N; 0.04:43.32E; 0.03, h28km, 6km, n23, e069/42, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VANB, TVAN, etc.

ISCJB 22:20:35:10.4, 0.8, 35.56N; 0.06:140.16E; 0.09, h70km, mb3.5/2, Error ellipse: s-maj=11.8km s-min=6.0km az=148.2

JMA 22:20:35:10.9, 0.1, 35.62N; 140.15E, h67km, 1km, M2.8, JMA Feil 1/1

ISC 22:20:35:13.7, 3.6, 35.42N; 139.98E, h86km, 21km, mb3.2/2, mb1 3.4/3, mb1mx2.9/65, mbtmp3.6/3, MS2.7/1, Ms1 2.7/1, ms1mx2.1/20, Error ellipse: s-maj=61.8km s-min=7.4km az=67.0

ISC 22:20:35:11.4, 1.2, 35.56N; 0.06:140.13E; 0.08, h70km, n13, e090/16, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BSO3, JOD2, etc.

NEIC 22:20:44:42.8, 6.2, 17.46S; 173.29W, h5km, 37km, mb5.0/8, Error ellipse: s-maj=26.2km s-min=9.2km az=14.1/0

IDC 22:20:44:42.4, 0.9, 17.47S; 173.37W, h0km, mb4.4/12, mb1 4.6/13, mb1mx2.4/22, mbtmp4.4/13, ML3.9/1, MS3.2/12, Ms1 3.3/12, ms1mx3.1/39, Error ellipse: s-maj=37.6km s-min=15.9km az=136.0

ISCJB 22:20:44:45.9, 0.6, 17.55S; 0.1x173.3W, 0.1, h39km, mb4.6/18, MS3.3/10, Error ellipse: s-maj=21.9km s-min=7.1km az=41.2

ISC 22:20:44:47.0, 8.1, 17.55S; 0.1x173.3W, 0.2, h39km, n42, e127/36, mb4.8/18, MS3.3/10, Tonga Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AFI, AFJ, AFK, etc.

ISC 22:20:46:08.2, 5.2, 2.57S; 129.84E, h0km, mb3.0/2, mb1 3.2/3, mb1mx3.1/53, mbtmp3.0/3, ML3.0/1, Error ellipse: s-maj=17.1km s-min=26.7km az=70.0

ISCJB 22:20:46:13.4, 0.9, 2.67S; 0.09:129.6E; 0.1, h33km, mb3.0/2, Error ellipse: s-maj=16.0km s-min=12.4km az=32.1

DJA 22:20:46:14.7, 1.0, 3.3S; 6.13E, h30km, 13km, M2.9/5, ML2.9/5

ISC 22:20:46:14.9, 1.1, 2.65S; 0.08:129.56E; 0.09, h35km, n7, e172/8, Seram

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MSAI, GNDI, etc.

ISC 22:20:55:13.5, 8.8, 56.01S; 26.94W, h44km, 94km, mb3.8/2, mb1 3.7/3, mb1mx3.4/28, mbtmp3.8/3, ML2.9/1, Error ellipse: s-maj=50.9km s-min=37.3km az=38.0

ISC 22:20:55:15.3, 1.1, 56.1S; 0.2:27.0W; 0.3, h63km, n12, e090/16, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SNA4, H10S2, etc.

ISCJB 22:20:55:44.9, 0.4, 50.25N; 0.03:18.71E; 0.03, h0km, Error ellipse: s-maj=4.4km s-min=2.3km az=6.6

IPEC 22:20:55:45.8, 0.2, 50.27N; 18.80E, h1km, 2km, ML2.0/3, Error ellipse: s-maj=2.5km s-min=1.1km az=167.0

PRU 22:20:55:46.8, 5.0, 25.52N; 18.71E, h0km, Error ellipse: s-maj=7.6km s-min=6.2km az=48.0

ISC 22:20:55:45.8, 0.8, 50.24N; 0.03:18.78E; 0.02, h0km, n33, e1920/54, Poland

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CHZP, CHZC, etc.

ISCJB 22:21:01:58.4, 0.4, 13.74N; 0.06:120.76E; 0.10, h122km, 4km, mb3.9/16, Error ellipse: s-maj=16.0km s-min=9.1km az=161.3

MAN 22:21:01:58, 13.72N; 120.39E, h90km, mb4.6, ML3.5, MS3.4, IDC 22:21:01:59, 1.0, 6, 13.79N; 120.87E, h115km, 5km, mb3.7/15, mb1 3.8/15, mb1mx2.5/66, mbtmp4.1/15, MS2.8/4, Ms1 2.8/4, ms1mx2.4/59, Error ellipse: s-maj=29.2km s-min=12.1km az=62.0

ISC 22:21:01:59.3, 1.3, 13.70N; 0.07:120.76E; 0.09, h114km, 6km, n36, e1910/37, mb4.1/16, 4C-2D, Mindoro

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PGP, PGP, etc.

ISCJB 22:21:01:59.3, 1.3, 13.70N; 0.07:120.76E; 0.09, h114km, 6km, n36, e1910/37, mb4.1/16, 4C-2D, Mindoro

ISC 22:21:01:59.3, 1.3, 13.70N; 0.07:120.76E; 0.09, h114km, 6km, n36, e1910/37, mb4.1/16, 4C-2D, Mindoro

ISC 22:21:01:59.3, 1.3, 13.70N; 0.07:120.76E; 0.09, h114km, 6km, n36, e1910/37, mb4.1/16, 4C-2D, Mindoro

ISC 22:21:01:59.3, 1.3, 13.70N; 0.07:120.76E; 0.09, h114km, 6km, n36, e1910/37, mb4.1/16, 4C-2D, Mindoro

22d 22h

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like PKI Pulchoki, PKIN Pulchoki, KKN Kakani, DMN Daman, SONM Songo Array, WLR Warramunga Arr, KUL Kuldur, ASAR Alice Springs, MKAR Makanchi Arr, ZALV Zalesovo Beam, KURBB Kurchatov Arr, GEYT Alibeck, KVAR Kislovodsk Arr, ARCES ARCES Array B, BRTR Keskin Array B, SPITS Spitsbergen Arr, FINES FINES Array B, MLR Muntele Rosu, IDI Anoyia, NOA NORRAR Array B.

CSEM 22 21:05:51.5, 0.8, 42.56N, 42.93E, h2km, ML2.5, Error ellipse: s-maj=16.7km s-min=6.0km az=160.0 TIF 22 21:05:51.5, 42.52N, 42.95E, h12km DDA 22 21:05:51.7, 4.4, 42.51N, 0.06, 42.93E, h4km, ML2.5 ISC 22 21:05:51.7, 4.4, 42.51N, 0.06, 42.93E, h4km, 10km, n30, c919157, Western Caucasus

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like ONI Oni, EPOS Posof, EPOS Posof, GUDG Gudauri, GUDG Gudauri, GUDG Gudauri, AKH Akhalkalaki, AKH Akhalkalaki, AKH Akhalkalaki, AKH Akhalkalaki, BGD Bogdanovka, BGD Bogdanovka, DUS Dusheti, DUS Dusheti, DUS Dusheti, DBOC Borcka, DBOC Borcka, ARTV Artvin, ARTV Artvin, ARTV Artvin, TBGL Delisi, TBGL Delisi, TBGL Delisi, TBGL Delisi, BTNK Botanikuri, BTNK Botanikuri, BTNK Botanikuri, BTNK Botanikuri, DAGI Agillar, DAGI Agillar, DBAD Bademkaya, DBAD Bademkaya, DDEM Demirkent, DDEM Demirkent, DDEM Demirkent, DDEM Demirkent, EAKS Kars, EAKS Akyaka, EAKS Akyaka, EAKS Akyaka, DIGO Kars, DIGO Kars, DIGO Kars, DIGO Kars.

IDC 22 21:17:56.5, 3.1, 25.32N, 93.82E, h0km, mb2.9/2, mb1 3.0/3, mb1mx2.8/6, mbtmp2.9/3, ML3.2/1, Error ellipse: s-maj=86.1km s-min=33.3km az=65.0, Northeastern India

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, MKAR Makanchi Arr, SONM Songo Array.

IDC 22 21:28:57.0, 1.2, 0.44N, 121.44E, h0km, mb3.3/4, mb1 3.5/4, mb1mx3.2/53, mbtmp3.4/4, Error ellipse: s-maj=435.4km s-min=21.0km az=61.0 DJA 22 21:29:18.9, 1.0, 2.56S, 121.1E, h25km, 12km, M3.5/6, MLV3.5/6

ISCJB 22 21:29:19.9, 0.8, 2.40S, 0.09, 120.65E, 0.08, h33km, mb2.9/2, Error ellipse: s-maj=16.0km s-min=7.5km az=141.6

ISC 22 21:29:21.0, 1.2, 2.44S, 0.10, 120.66E, 0.09, h35km, n5, c150/7, Sulawesi

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like TTSI Tana Toraja, LUWU Luwuk, MPISI Mapaga, WRA Warramunga Arr, ASAR Alice Springs.

MEX 22 21:45:16.8, 0.6, 14.69N, 93.31W, h16km, 42km, MD3.7, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like PCIG Comitan, THIG Comitan, CCIG Comitan, TGIG Comitan.

2012 FEB

IDC 22 21:05:05.0, 3.9, 22.91S, 69.39E, h0km, mb3.6/7, mb1 3.8/7, mb1mx3.5/64, mbtmp3.6/7, MS3.5/13, Ms1 3.5/13, ms1mx3.1/56, Error ellipse: s-maj=116.0km s-min=29.8km az=53.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, H08N3 Diego Garcia H, H08N1 Diego Garcia H, H08N2 Diego Garcia H, PALK Pallekele, MATP Matopo, BOSA Boshof, H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, H01W1 Cape Leeuwin H, ATD Arta Tunnel, TSUM Tsumbe, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, FITZ Fitzroy Crossi, ASAR Alice Springs, ASAR Alice Springs, WRA Warramunga Arr, GEYT Alibeck, MKAR Makanchi Arr, KURBB Kurchatov Arr, PMG Port Moresby, PMG Port Moresby, PMG Port Moresby, ZALV Zalesovo Beam, ZALV Zalesovo Beam, SONM Songo Array, DBIC Dimbrok.

ISCJB 22 22:00:15.0, 1.0, 7.62N, 0.02, 152.56W, 0.05, h5km, 4km mb3.5/2, Error ellipse: s-maj=4.3km s-min=3.0km az=8.4 NEIC 22 22:00:05.0, 0.6, 0.2, 0.7N, 152.54W, h5km, ML3.2(AEIC), After AEIC

IDC 22 22:00:09.8, 1.9, 61.93N, 151.47W, h0km, mb3.5/2, mb1 3.6/6, mb1mx3.3/81, mbtmp3.3/6, ML3.2/4, Error ellipse: s-maj=37.4km s-min=12.9km az=107.0 ISC 22 22:00:05.4, 1.1, 62.04N, 0.02, 152.49W, 0.03, h10km, 9km, n56, c174/78, Central Alaska

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like SKT Skwentna, SKT Skwentna, STWL Strandline Lak, SPWK Spurr West, BGL Barrier Gaps, SPGR Spurr Gaps, CKL Chukachamna La, PPLA Parkyepille, PPLA Parkyepille, SUSA Susitna One, CAST Castle Rocks, FIB Fire Island, DFR Drift River, RDJH Redoubt Jeurge, RDJH Redoubt West, RDWB Redoubt West, RC01 Rabbit Creek A, RC01 Rabbit Creek A, RED Redoubt Volcan, RED Redoubt Volcan, PMR Palmer, KTH Kantishna Hill, KTH Kantishna Hill, THOR Thorfare Moun, SVW2 Sparrevohn, SVW2 Sparrevohn, SLKM Skilak Lake, SML Sawmill, SML Sawmill, KNK Knik Glacier, KNK Knik Glacier, RND Reindeer, BPAW Bear Paw Mtn, MCK McKinley, BRBK Bradley Lake, SEW Seward, SCW Sheep Creek Mo, CNPM China Pool, GNI Glacier Island, JPK Jack Peak, FID Fort Fidalgo, KLU Klutina, DIV Divide, DIV Divide, PAX Paxson, PAX Paxson, HARP HAARP, MDM Murphy Dome, COLA Collette, PS08 TAPS Pump Stn8, ILAR Eielson Arr, ILAR Eielson Arr, ILAR Eielson Arr, ILAR Eielson Arr.

ISCJB 22 22:14:43.1, 0.4, 32.23S, 71.61W, h29km, 2km, ML3.1, SJA 22 22:14:50.0, 0.8, 32.13S, 71.14W, h7km, 13km, ML2.9, MW3.4

ISC 22 22:14:41.7, 3.8, 32.10S, 0.10, 71.6W, 0.02, h16km, 20km, n13, c1932/18, 1C, Near coast of central Chile

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like RCDM Rinconada Maip, RCDM Rinconada Maip, CLCH Cerro Calan, CLCH Cerro Calan, CLCH Cerro Calan, FCH Farellones, FCH Farellones, FCH Farellones, ANTU Antumapu, ANTU Antumapu, AUSP Uspallata, AUSP Uspallata, RTLS Leoncito, RTLS Leoncito, LMEL Las Melosas, LMEL Las Melosas, LMEL Las Melosas, ARCO CERRO ARCO, ARCO CERRO ARCO, ASAL Salpeta, AAGR Agrelo, RTCV Cerro Valdivia, AGUA GUANDACOL, AGUA Vinchina, TRN 22 22:16:11.0, 18.44N, 62.71W, h15km, MD4.0, Leeward Islands

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like SMRT St. Maarten, SABA Saba, SABA Saba, SESA St. Eustatius, SESK Brimstone Hill, SESK Brimstone Hill, ANWB Willy Bob, ANWB Willy Bob, ANWB Willy Bob, NVRH Round Hill, Ne, NVRH Bath Hotel, Ne, MBWH Marie-Galante, MLYT Lee's Yard, MLYT Lee's Yard, LZG Guadalupe-1, LZG Guadalupe-3, MBG Marie-Galante, MDPO Dominica, Chan, MDPO Dominica, BBL Barber's Block, BBL Barber's Block, YKA Yellowknife Arr, YKA Yellowknife Arr, YKA Yellowknife Arr, YKA Yellowknife Arr.

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NVAR Mina Array Bea 31.55 123 P P 22 06 29.4 +1.6 0.6m, 0.6s, baz=326, slow=8.0, SNR=3.0 TXAR Lajitas Array 45.11 113 P P 22 08 26.9 +2.1 0.3m, 0.6s, baz=321, slow=4.9, SNR=4.6

IDC 22 21:17:07.0, 1.0, 5.95S, 152.36E, h0km, mb4.2/12, mb2 4.4/13, mb1mx4.2/44, mbtmp4.2/13, ML2.4/1, MS3.0/5, Ms1 3.0/5, ms1mx2.7/38, Error ellipse: s-maj=34.8km s-min=16.4km az=124.0 ISCJB 22 22:11:1.1, 3.0, 6.05S, 0.1, 152.3E, 0.1, h38km, mb4.2/14, MS3.0/4, Error ellipse: s-maj=25.5km s-min=9.2km az=41.0

NEIC 22 22:11:12.5, 0.7, 5.98S, 152.32E, h35km, mb4.4/2, Error ellipse: s-maj=24.6km s-min=10.0km az=125.0 ISC 22 22:11:12.7, 1.1, 6.05S, 0.2, 152.4E, 0.2, h38km, n23, c1918/20, mb4.2/14, MS3.0/5, New Britain region

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like PMG Port Moresby, PMG Port Moresby, PMG Port Moresby, PMG Port Moresby, HNR Honiara, WRAB Tennant Creek, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, BATI Baumata, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, NWAO Narrogin (SRO), JNU Nukatapu, KRSR Korea Array, CMAR Chiang Mai Arr, SONM Songo Array, MKAR Makanchi Arr, ZALV Zalesovo Beam, ILAR Eielson Arr, KURKB Kurchatov Arr, KURBB Kurchatov Arr, NVAR Mina Array Bea, YKA Yellowknife Arr, TORD Torodi Arr, Bea.

GUC 22 22:22:14.0, 1.0, 4.0, 32.23S, 71.61W, h29km, 2km, ML3.1, SJA 22 22:14:50.0, 0.8, 32.13S, 71.14W, h7km, 13km, ML2.9, MW3.4

ISC 22 22:14:41.7, 3.8, 32.10S, 0.10, 71.6W, 0.02, h16km, 20km, n13, c1932/18, 1C, Near coast of central Chile

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like RCDM Rinconada Maip, RCDM Rinconada Maip, CLCH Cerro Calan, CLCH Cerro Calan, CLCH Cerro Calan, FCH Farellones, FCH Farellones, FCH Farellones, ANTU Antumapu, ANTU Antumapu, AUSP Uspallata, AUSP Uspallata, RTLS Leoncito, RTLS Leoncito, LMEL Las Melosas, LMEL Las Melosas, LMEL Las Melosas, ARCO CERRO ARCO, ARCO CERRO ARCO, ASAL Salpeta, AAGR Agrelo, RTCV Cerro Valdivia, AGUA GUANDACOL, AGUA Vinchina.

TRN 22 22:16:11.0, 18.44N, 62.71W, h15km, MD4.0, Leeward Islands

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like SMRT St. Maarten, SABA Saba, SABA Saba, SESA St. Eustatius, SESK Brimstone Hill, SESK Brimstone Hill, ANWB Willy Bob, ANWB Willy Bob, ANWB Willy Bob, NVRH Round Hill, Ne, NVRH Bath Hotel, Ne, MBWH Marie-Galante, MLYT Lee's Yard, MLYT Lee's Yard, LZG Guadalupe-1, LZG Guadalupe-3, MBG Marie-Galante, MDPO Dominica, Chan, MDPO Dominica, BBL Barber's Block, BBL Barber's Block.

IDC 22 22:38:34.2, 1.3, 34.59S, 71.28W, h0km, mb4.0/5, mb2 4.0/7, mb1mx3.8/37, mbtmp3.9/7, ML3.8/2, MS3.0/2, Ms1 3.0/2, ms1mx2.7/33, Error ellipse: s-maj=42.3km s-min=21.1km az=81.0 SJA 22 22:38:38.6, 1.2, 34.61S, 72.03W, h33km, 10km, ML3.5, MW3.8

ISCJB 22 22:38:39.2, 0.5, 34.82S, 0.04, 71.83W, 0.07, h57km, 4km, mb3.9/5, MS3.6/1, Error ellipse: s-maj=9.8km s-min=5.3km az=26.5

GUC 22 22:38:40.3, 0.7, 34.77S, 71.80W, h48km, 3km, ML3.7, NEIC 22 22:38:40.0, 0.0, 34.77S, 71.81W, h47km, mb4.0/1, ML3.5(GUC), After GUC.

NEIC 22 22:38:39.0, 0.8, 34.77S, 0.04, 71.80W, 0.05, h45km, 7km, n36, c1974/9, mb4.1/5, 2C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like G005 Hualaeo, G005 Hualaeo.

23d 1h

Table with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like H112 WAKE ISLAND, H111 WAKE ISLAND, H113 WAKE ISLAND, etc.

MEX 23 00:52:26.6-0.4, 14.79N:93.18W, h15km, 137km, MD3.7, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PCIG, CCIG, Comitan.

ISK 23 01:01:22.8, 40.12N:24.09E, h4km, ML3.2/15
IDC 23 01:01:23.9, 1.3, 40.12N:23.98E, h0km, mb3.4/3,
mb1 3.4/6, mb1mx3.2/59, mbmt3.3/6, ML2 8/2, Error
ellipse: s-maj=2.4km s-min=14.5km az=102.0
ISC/JB 23 01:01:24.2, 0.4, 40.14N:0.01:24.1, 10E:0.02, h7km, 3km,
mb3.3/3, Error ellipse: s-maj=2.1km s-min=1.9km
az=140.1
ATH 23 01:01:24.3, 40.15N:24.08E, h24km, ML3.1/25, Error
ellipse: s-maj=1.0km s-min=0.6km az=317.0
CSEM 23 01:01:24.8, 0.1, 40.12N:24.08E, h8km, ML3.1, Error
ellipse: s-maj=1.4km s-min=1.3km az=152.0
THE 23 01:01:25.2, 40.14N:24.05E, h7km, 1km, ML3.1/26, Error
ellipse: s-maj=1.1km s-min=0.6km az=286.0
SOF 23 01:01:25.0, 40.25N:24.11E, h3km, MD3.0
DDA 23 01:01:41.8, 39.37N:25.28E, h14km, M13.0
ISC 23 01:01:25.1, 0.9, 40.13N:0.01:24.07E, 0.01, h11km, 6km,
n265, e089/358, mb3.5/3, 15C-15D, Aegean Sea

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OUR, PAIG, PLG, HORT, LIA, SOH, KAVA, THE, etc.

2012 FEB

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like XOR, XOR, XOR, NEO, NEO, NEO, etc.

1214

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EREA, EREA, AGG, AGG, AGG, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BGKT Bogazkoy, KULA Kula-Manisa, ISK Istanbul-Kandi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HERR Herculeane, TRUS Trudelj, MDVR Moldovita, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MLR Muntele Rosu, MLR Muntele Rosu, MLR Muntele Rosu, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MLR Muntele Rosu, MLR Muntele Rosu, MLR Muntele Rosu, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MLR Muntele Rosu, MLR Muntele Rosu, MLR Muntele Rosu, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BBSI Bau Bau, BBSI Bau Bau, BBSI Ende, Flores, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, ZALV Zalevovo Beam, KURBB Kurchatov Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JCN Nagara, KTR Katsura, BSO3 Boso 3, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JOD2 Odawara 2, JIM2 Oshima 3, JAG Ashikaga, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MJAR Matsushiro Arr, MJAR Matsushiro Arr, MJAR Matsushiro Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WIZ White Island, TGRZ Tauranga, OPZH Ohinepanea, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WHRZ Whale Island, MARZ Manawhaha, LIRZ Lichensteins R, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like OMRZ Omnia, NGRZ Ngongotaha, NGRZ Ngongotaha, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, URZ Urewera, URZ Urewera, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, URZ Urewera, URZ Urewera, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, URZ Urewera, URZ Urewera, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, URZ Urewera, URZ Urewera, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, URZ Urewera, URZ Urewera, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, URZ Urewera, URZ Urewera, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WPHZ Waipukurau, WPHZ Waipukurau, WAZ Wanganui, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WAZ Wanganui, WAZ Wanganui, WAZ Wanganui, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WAZ Wanganui, WAZ Wanganui, WAZ Wanganui, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WAZ Wanganui, WAZ Wanganui, WAZ Wanganui, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WAZ Wanganui, WAZ Wanganui, WAZ Wanganui, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WAZ Wanganui, WAZ Wanganui, WAZ Wanganui, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WAZ Wanganui, WAZ Wanganui, WAZ Wanganui, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WAZ Wanganui, WAZ Wanganui, WAZ Wanganui, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WAZ Wanganui, WAZ Wanganui, WAZ Wanganui, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WAZ Wanganui, WAZ Wanganui, WAZ Wanganui, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WAZ Wanganui, WAZ Wanganui, WAZ Wanganui, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WAZ Wanganui, WAZ Wanganui, WAZ Wanganui, etc.

ISC/JB 23 01:25:12.8... 0.75:35.54N:0104:140:13E:0.07, h76km, 6km, mb3.6/4, Error ellipse: s-maj=10.3km s-min=5.9km az=155.4

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KUR, GLVR, JRA, JNK, JAK, JTKR, JTRK, JAR, JOB, JCH, ASAJ, ASAJ, JFR, ERM, ERM, YSS, SKR, MAJO, MAJO, PETK, SEY, SONM, H1N2, H1N1, H1N3, H1S1, H1S3, H1S2, ILAR, KURK, CMAR, ARU, ARU, YKA, TXAR.

ISC 23 02:54:42.6±3.8, 55.47N; 154.70W, h0km, mb3.4/6, mb1 3.5/7, mb1mx3.3/75, mbmt3.4/7, Error ellipse: s-maj=82.1km s-min=30.2km az=155.0, ISCJB 23 02:54:44.5±0.9, 55.82N; 154.41W±0.09, h20km, mb3.5/6, Error ellipse: s-maj=10.7km s-min=6.2km az=155.2, NEIC 23 02:54:45.3±0.0, 55.83N; 154.37W, h5km, ML3.2(AEIC), After AIC, ISC 23 02:54:47.6±1.4, 55.93N; 154.50W±0.07, h20km, n23, c138/27, mb3.7/6, South of Alaska

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PLK3, KDKA, KDKA, CAHL, ANNE, CHGN, CHGN, ANPK, ANPK, ANNW, KAKN, VNHG, KELA, FONW, CNPM, BRLL, RDWB, ILAR, YKA, ARCES, SONM, ZALV, KURBB, MKAR.

ISCJB 23 03:08:42.6±0.4, 6.45S; 106.50E±0.06, h189km, 3km, mb3.7/8, Error ellipse: s-maj=19.6km s-min=5.3km az=25.4, ISC 23 03:08:43.7±1.0, 5.99S; 106.66E, h185km±6km, mb3.4/8, mb1 3.7/9, mb1mx3.3/68, mbmt4.1/9, Error ellipse: s-maj=146.1km s-min=12.3km az=47.0, DJA 23 03:08:44.3±0.7, 5.75S; 106.6E, h172km±4km, M4, 1/15, mb4.2/2, MLY, ISC 23 03:08:43.1±0.7, 6.45S; 106.51E±0.06, h189km±5km, n30, c142/44, mb3.8/8, Jawa

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TNG, SBUI, SBUI, SKJI, SKJI, CGJJ, LEM, LEM, LEM, CISI, CISI, JCIJ, KASI, KASI, KPIJ, KPIJ, LWLI, MDSI, SMRI, MNAI, MNAI.

Table with columns: UGM, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Wanagama, Pacitan, Pagerwojo, Singaraja, Baumata, BATI, FITZ, FITZ, WRA, WRA, ASAR, ASAR, STKA, Alice Springs, SONM, SONM, SONM, MKAR, ZALV, ZALV, BRTR, Keskin Array, TXAR, TXAR, TKL, TKL.

IDC 23 03:13:11.5±9.8, 20.22S; 178.72W, h0km, mb3.5/3, mb1 3.8/3, mb1mx3.6/40, mbmt3.5/3, Error ellipse: s-maj=532.6km s-min=42.6km az=150.0, Fiji Islands region, ASAR Alice Springs 43.92 25Z Op Phase ID Time Res ISC, WRA Warramunga Arr 43.97 26Z P, YKA Yellowknife Arr 96.54 25 P

IDC 23 03:30:32.0±1.0, 23.93N; 121.82E, h0km, mb3.4/7, mb1 3.6/7, mb1mx3.3/69, mbmt3.4/7, Error ellipse: s-maj=1.9km s-min=21.1km az=71.0, JMA 23 03:30:32.0±0.2, 23.93N; 121.84E, h0km, M3.2, ISCJB 23 03:30:33.7±0.3, 24.00N; 121.68E±0.01, h3km±2km, mb3.2/7, Error ellipse: s-maj=2.3km s-min=1.4km az=27.8, TAP 23 03:30:34.1±0.1, 24.01N; 121.63E, h10km, ML3.8, B, ISC 23 03:30:34.1±0.7, 24.00N; 121.65E±0.02, h12km±4km, n99, c063/174, mb3.4/7, 2C-26D, Taiwan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like HWA, HWA, ENLB, ENLB, NACB, NACB, ENLB, ENLB, WHF, WHF, EGFH, EGFH, OWD, OWD, ENA, ENA, ENA, ENA, CHGB, CHGB, ENAH, ENAH, NNSB, NNSB, NNSH, NNSH, TWT, TWT, TWT, TWT, NNS, NNS, TDCB, TDCB, HGSD, HGSD, EHY, EHY, TWC, TWC, TWC, TWC, ENT, ENT, ENT, ENT, DPDB, DPDB, SSSL, SSSL, SSSL, SSSL, SMLT, SMLT, YHNB, YHNB, TWE, TWE, TWE, TWE, TWF, TWF.

Table with columns: TWF1, SANB, SANB, NSK, NSK, TYC, TYC, SLBB, SLBB, ILA, ILA, ILA, ILA, NWLT, NWLT, YUS, YUS, YUS, YUS, FULL, FULL, FULL, FULL, WJS, WJS, NSTT, NSTT, NSTT, NSTT, LIOB, LIOB, LIOB, LIOB, NTC, NTC, NTC, NTC, TCU, TCU, TCU, TCU, NSY, NSY, NSY, NSY, ALS, ALS, CHKT, CHKT, CHKT, CHKT, NMLH, NMLH, NMLH, NMLH, PTBS, PTBS, PTBS, PTBS, TIPB, TIPB, TIPB, TIPB, TATO, TATO, TATO, TATO, ELDTW, ELDTW, ELDTW, ELDTW, SBCB, SBCB, WCHH, WCHH, WCHH, WCHH, HSN, HSN, TWB1, TWB1, TWB1, TWB1, NCUH, NCUH, NCUH, NCUH, WDLH, WDLH, WDLH, WDLH, NWF, NWF, NWF, NWF, WFSB, WFSB, WFSB, WFSB, TWS1, TWS1, TWS1, TWS1, YM04, YM04, YM04, YM04, YM10, YM10, YM10, YM10, TPUB, TPUB, TPUB, TPUB, CHN2, CHN2, CHN2, CHN2, YM07, YM07, YM07, YM07, YM07, YM07, NTST, NTST, NTST, NTST, RLNB, RLNB, RLNB, RLNB, YM08, YM08, YM08, YM08, WTP, WTP, WTP, WTP, CHY, CHY, CHY, CHY, WTCT, WTCT, WTCT, WTCT, YJNG, YJNG, YJNG, YJNG, TWY, TWY, TWY, TWY, TWG, TWG, TWG, TWG, TWGBT, TWGBT, TWGBT, TWGBT, CHN1, CHN1, CHN1, CHN1.

comp=Z,174nm,1.4s	76.50	270	P	P	04 16 22.8	-1.3	DAC	Darwin (Calif)	80.70	46	eP	P	04 16 47.4	+1.3	PSI	Prapat	83.96	275	eP	P	04 17 02.3	-0.7
MDSI Maura Dua	76.50	270	P	P	04 16 22.8	-1.3	DAC	Darwin (Calif)	80.70	46	eP	P	04 16 47.4	+1.3	I07A	Izee	83.98	38	eP	P	04 17 04.1	+1.7
KSRS Korea Array	76.58	319	P	P	04 16 24.6	+0.6	DAC	Darwin (Calif)	80.70	46	eP	P	04 16 47.4	+1.3	X16A	Lo M Camp	84.00	50	eP	P	04 17 04.2	+1.3
comp=Z,11nm,0.7s,baz=129,slow=5.9,SNR=20	76.59	319	eP	P	04 16 24.6	+0.6	TIN	Tinemaha	80.72	45	P	P	04 16 47.7	+1.6	G06A	Carlson Farm	84.02	37	eP	P	04 17 03.6	+1.2
KSAR Wonju Array Be	76.59	319	P	P	04 16 24.6	+0.7	BC3	Big Chuckawall	80.75	49	P	P	04 16 48.2	+1.8	LCMT	Little Creek M	84.05	47	eP	P	04 17 04.4	+1.5
KSAR Wonju Array Si	76.61	319	eP	P	04 16 24.6	+0.5	WAKR	Wakawaka	80.76	43	eP	P	04 16 48.2	+1.8	319A	Douglas	84.12	54	eP	P	04 17 05.8	+2.4
SDPT Sand Point	77.17	10	eP	P	04 16 26.2	-0.5	HEC	Hector Ludlow	80.77	48	P	P	04 16 47.7	+1.3	J08A	Circle Bar Ran	84.16	39	eP	P	04 17 04.7	+1.4
comp=Z,130nm,0.7s	77.17	10	eP	P	04 16 26.2	-0.5	GLA	Glamis	80.88	50	P	P	04 16 49.1	+2.1	SPU	Mount Spurr	84.22	13	eP	P	04 17 02.1	-1.0
MNAI Manna	77.69	270	eP	P	04 16 30.4	-0.1	GLA	Glamis	80.88	50	eP	P	04 16 48.5	+1.6	GMB	Gambell	84.24	3	eP	P	04 17 03.5	+0.6
SPIA Saint Paul Is	77.76	5	eP	P	04 16 30.3	+0.5	GLA	Glamis	80.88	50	eP	P	04 16 48.5	+1.6	CCUT	Cedarville	84.25	46	eP	P	04 17 05.7	+1.7
comp=Z,128nm,1.1s	78.04	47	P	P	04 16 33.5	+1.6	GLA	Glamis	80.88	50	eP	P	04 16 49.1	+2.1	U15A	North Rim	84.41	48	eP	P	04 17 06.8	+1.9
SCZ2 Santa Cruz Isl	78.22	48	P	P	04 16 34.3	+1.4	GLA	Glamis	80.88	50	eP	P	04 16 49.3	+1.7	PSUT	Pine Spring	84.43	45	eP	P	04 17 06.7	+1.5
SC12 San Clemente I	78.22	48	P	P	04 16 34.3	+1.4	GLA	Glamis	80.88	50	eP	P	04 16 49.3	+1.7	SZCU	Shurtz Canyon	84.46	47	eP	P	04 17 06.7	+1.6
PKM McPherson Peak	78.43	46	P	P	04 16 35.3	+1.0	KDAK	Kodiak Island	81.01	14	P	P	04 16 47.3	+0.4	D05A	Enunclaw	84.46	35	eP	P	04 17 06.6	+2.1
CHGN Chignik	78.44	11	eP	P	04 16 33.4	-0.1	KDAK	Kodiak Island	81.01	14	eP	P	04 16 47.3	+0.4	WUAZ	Wuapaka	84.60	49	P	P	04 17 07.1	+1.4
SAO San Andreas G	78.45	44	eP	P	04 16 36.1	+2.0	KDAK	Kodiak Island	81.01	14	eP	P	04 16 47.3	+0.4	SKNT	Sakolnakor	84.62	290	P	P	04 17 05.5	-0.5
SAO San Andreas G	78.45	44	eP	P	04 16 36.1	+2.0	HUMO	Hull Mountain	81.08	38	eP	P	04 16 49.7	+2.0	RC01	Rabbit Creek A	84.63	14	eP	P	04 17 04.9	-0.1
BLG Laguna Peak, P	78.49	47	P	P	04 16 35.7	+1.3	VCNR	Virginia City	81.08	42	eP	P	04 16 49.7	+1.6	BBB	Bella Bella	84.72	28	P	P	04 17 06.2	+0.6
CIS Catalina Islan	78.54	48	P	P	04 16 35.6	+0.9	YERR	Yerlington	81.16	43	eP	P	04 16 49.9	+1.5	SUA	Susitna One	84.75	13	eP	P	04 17 05.3	-0.4
RMGC Simmer	78.55	45	P	P	04 16 36.0	+1.3	GMRC	Granite Mounta	81.21	48	P	P	04 16 50.1	+1.4	HPIG	Highway	84.93	59	eP	P	04 17 08.8	+1.3
SD33 Poverty Ridge	78.66	43	eP	P	04 16 37.5	+2.3	M04C	Macdoel	81.23	39	P	P	04 16 50.4	+1.7	G08A	Pilot Rock	85.00	38	eP	P	04 17 08.6	+1.3
USRK Ussuriysk Ar	78.72	326	P	P	04 16 36.5	+1.3	IRAC	Iron Mountain	81.24	49	P	P	04 16 50.6	+1.8	A04D	Lummi Island	85.04	33	eP	P	04 17 08.8	+1.6
comp=Z,25nm,0.7s,baz=125,slow=2.6,SNR=32	78.77	41	eP	P	04 16 37.5	+1.8	GRAC	Grapevine Rang	81.26	45	P	P	04 16 50.5	+1.7	GLI	Glacier Island	85.05	15	eP	P	04 17 07.2	+0.1
HOPS Hopland Field	78.77	41	eP	P	04 16 37.5	+1.8	FURC	Furnace Creek	81.30	46	P	P	04 16 50.2	+1.3	TRTT	Trang	85.05	280	P	P	04 17 08.5	+0.4
MASI Maura Aman, Be	78.78	271	P	P	04 16 40.5	+4.1	GRNR	Gornyy	81.32	333	eP	P	04 16 46.8	-1.9	B05A	Bryant	85.07	34	P	P	04 17 08.6	+1.2
FMP Fort Macarthur	78.80	48	P	P	04 16 37.0	+1.0	TUQ	Turquoise Mount	81.38	47	P	P	04 16 51.0	+1.4	FID	Port Fidalgo	85.09	15	eP	P	04 17 07.2	0.0
TYV Tynovskoe	78.88	336	eP	P	04 16 36.6	+0.6	SHOC	Shoshone, Teco	81.39	47	P	P	04 16 50.7	+1.3	X18A	Snowflake	85.13	50	eP	P	04 17 10.1	+1.8
TYV Tynovskoe	78.88	336	eP	P	04 16 36.6	+0.6	SHOC	Shoshone, Teco	81.39	47	P	P	04 16 50.7	+1.3	SRAK	Srakaw	85.20	287	P	P	04 17 08.6	-0.2
comp=Z,56nm,1.1s	78.89	40	eP	P	04 16 38.8	+2.3	RYN	Ryan	81.42	43	eP	P	04 16 51.2	+1.4	PMR	Palmer	85.21	14	eP	P	04 17 06.9	-0.8
KCPM Cahto Peak	78.89	40	eP	P	04 16 38.8	+2.3	NKL	Nikolayevsk	81.44	337	iP	P	04 16 49.0	-0.2	PMR	Palmer	85.21	14	eP	P	04 17 06.9	-0.8
OSI Osito Audit: C	79.01	47	P	P	04 16 38.9	+1.7	NKL	Nikolayevsk	81.44	337	iP	P	04 16 49.0	-0.2	PMR	Palmer	85.21	14	eP	P	04 17 06.9	-0.8
DECC Green Verdugo	79.07	47	P	P	04 16 38.7	+1.2	NKL	Nikolayevsk	81.44	337	iP	P	04 16 49.0	-0.2	PMR	Palmer	85.21	14	eP	P	04 17 06.9	-0.8
PASC Pasadena Art C	79.13	47	eP	P	04 16 39.3	+1.6	NKL	Nikolayevsk	81.44	337	iP	P	04 16 49.0	-0.2	PMR	Palmer	85.21	14	eP	P	04 17 06.9	-0.8
KMRM Mt Ridge	79.15	40	eP	P	04 16 40.4	+2.6	NKL	Nikolayevsk	81.44	337	iP	P	04 16 49.0	-0.2	PMR	Palmer	85.21	14	eP	P	04 17 06.9	-0.8
109C Camp Elliot, M	79.18	49	P	P	04 16 39.4	+1.4	NKL	Nikolayevsk	81.44	337	iP	P	04 16 49.0	-0.2	PMR	Palmer	85.21	14	eP	P	04 17 06.9	-0.8
ARVC Arvin	79.23	46	P	P	04 16 39.5	+1.3	NKL	Nikolayevsk	81.44	337	iP	P	04 16 49.0	-0.2	PMR	Palmer	85.21	14	eP	P	04 17 06.9	-0.8
MWC Mount Wilson	79.25	47	eP	P	04 16 40.0	+1.4	NKL	Nikolayevsk	81.44	337	iP	P	04 16 49.0	-0.2	PMR	Palmer	85.21	14	eP	P	04 17 06.9	-0.8
MWC Mount Wilson	79.25	47	eP	P	04 16 40.0	+1.4	NKL	Nikolayevsk	81.44	337	iP	P	04 16 49.0	-0.2	PMR	Palmer	85.21	14	eP	P	04 17 06.9	-0.8
MWC Mount Wilson	79.25	47	eP	P	04 16 40.0	+1.4	NKL	Nikolayevsk	81.44	337	iP	P	04 16 49.0	-0.2	PMR	Palmer	85.21	14	eP	P	04 17 06.9	-0.8
MWC Mount Wilson	79.25	47	eP	P	04 16 40.0	+1.4	NKL	Nikolayevsk	81.44	337	iP	P	04 16 49.0	-0.2	PMR	Palmer	85.21	14	eP	P	04 17 06.9	-0.8
MWC Mount Wilson	79.25	47	eP	P	04 16 40.0	+1.4	NKL	Nikolayevsk	81.44	337	iP	P	04 16 49.0	-0.2	PMR	Palmer	85.21	14	eP	P	04 17 06.9	-0.8
MWC Mount Wilson	79.25	47	eP	P	04 16 40.0	+1.4	NKL	Nikolayevsk	81.44	337	iP	P	04 16 49.0	-0.2	PMR	Palmer	85.21	14	eP	P	04 17 06.9	-0.8
MWC Mount Wilson	79.25	47	eP	P	04 16 40.0	+1.4	NKL	Nikolayevsk	81.44	337	iP	P	04 16 49.0	-0.2	PMR	Palmer	85.21	14	eP	P	04 17 06.9	-0.8
MWC Mount Wilson	79.25	47	eP	P	04 16 40.0	+1.4	NKL	Nikolayevsk	81.44	337	iP	P	04 16 49.0	-0.2	PMR	Palmer	85.21	14	eP	P	04 17 06.9	-0.8
MWC Mount Wilson	79.25	47	eP	P	04 16 40.0	+1.4	NKL	Nikolayevsk	81.44	337	iP	P	04 16 49.0	-0.2	PMR	Palmer	85.21	14	eP	P	04 17 06.9	-0.8
MWC Mount Wilson	79.25	47	eP	P	04 16 40.0	+1.4	NKL	Nikolayevsk	81.44	337	iP	P	04 16 49.0	-0.2	PMR	Palmer	85.21	14	eP	P	04 17 06.9	-0.8
MWC Mount Wilson	79.25	47	eP	P	04 16 40.0	+1.4	NKL	Nikolayevsk	81.44	337	iP	P	04 16 49.0	-0.2	PMR	Palmer	85.21	14	eP	P	04 17 06.9	-0.8
MWC Mount Wilson	79.25	47	eP	P	04 16 40.0	+1.4	NKL	Nikolayevsk	81.44	337	iP	P	04 16 49.0	-0.2	PMR	Palmer	85.21	14	eP	P	04 17 06.9	-0.8
MWC Mount Wilson	79.25	47	eP	P	04 16 40.0	+1.4	NKL	Nikolayevsk	81.44	337	iP	P	04 16 49.0	-0.2	PMR	Palmer	85.21	14	eP	P	04 17 06.9	-0.8
MWC Mount Wilson	79.25	47	eP	P	04 16 40.0	+1.4	NKL	Nikolayevsk	81.44	337	iP	P	04 16 49.0	-0.2	PMR	Palmer	85.21	14	eP	P	04 17 06.9	-0.8
MWC Mount Wilson	79.25	47	eP	P	04 16 40.0	+1.4	NKL	Nikolayevsk	81.44	337	iP	P	04 16 49.0	-0.2	PMR	Palmer	85.21	14	eP	P	04 17 06.9	-0.8
MWC Mount Wilson	79.25	47	eP	P	04 16 40.0	+1.4	NKL	Nikolayevsk	81.44	337	iP	P	04 16 49.0	-0.2	PMR	Palmer	85.21	14	eP	P	04 17 06.9	-0.8
MWC Mount Wilson	79.25	47	eP	P	04 16 40.0	+1.4	NKL	Nikolayevsk	81.44	337	iP	P	04 16 49.0	-0.2	PMR	Palmer	85.21	14	eP	P	04 17 06.9	-0.8
MWC Mount Wilson	79.25	47	eP	P	04 16 40.0	+1.4	NKL	Nikolayevsk	81.44	337	iP	P	04 16 49.0	-0.2	PMR	Palmer	85.21	14	eP	P	04 17 06.9	-0.8
MWC Mount Wilson	79.25	47	eP	P	04 16 40.0	+1.4	NKL	Nikolayevsk	81.44	337	iP	P	04 16 49.									

23d 4h

Table with columns: TRF, LLLB, HLID, etc. and rows listing various locations and their associated data points.

2012 FEB

Table with columns: DLMT, REDW, S22A, etc. and rows listing various locations and their associated data points.

1220

Table with columns: YAK, ABTX, LZH, etc. and rows listing various locations and their associated data points.

23d 5h

Table with columns: WATA, Walderalm, 152.05 345, i PKPdf, PKPdf, 04 24 14.9 -0.5, etc. Lists various stations and their coordinates.

MAN 23 04:07:54.930N:123.08E, h25km, mb3.7, ML2.5, MS1.9, 1C, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Lists station codes and names.

ISK 23 04:21:07.5, 37.50N:38.69E, h7km, ML2.3/5
ISCJB 23 04:21:08.1, 0.7, 37.49N:0.03:38.66E:0.03, h3km, 6km,
Error ellipse: s-maj=4.7km s-min=4.4km az=146.2
DDA 23 04:21:08.3, 37.50N:38.65E, h7km, ML2.5
CSEM 23 04:21:08.3, 0.2, 37.48N:38.69E, h8km, ML2.3, Error
ellipse: s-maj=4.9km s-min=4.0km az=62.0
ISC 23 04:21:07.1, 1.1, 37.49N:0.02:38.66E:0.03, h5km, 9km,
n27, 0958/46, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Lists station codes and names.

2012 FEB

Table with columns: URFA, Urfa, 0.14 112, ePg, Sg, 04 21 12.7 +0.2, etc. Lists stations and their coordinates.

NEIC 23 04:40:53.2, 1.0, 5.33S: 151.57E, h75km, 9km, mb4.9/12,
Error ellipse: s-maj=14.5km s-min=7.0km az=118.0,
ISCJB 23 04:40:54.5, 0.5, 5.36S: 0.07:151.46E:0.10, h100km,
mb4.3/22, Error ellipse: s-maj=15.3km s-min=6.9km
az=28.7
IDC 23 04:40:54.2, 4.3, 5.33S: 151.53E, h82km, 37km, mb3.8/11,
mb1.4, 0/12, mb1mx3.7/49, mbtmp.4.1/2, MS3.0/3,
Ms1 3.0/3, ms1mx2.6/35, Error ellipse: s-maj=40.5km
s-min=21.0km az=121.0
ISC 23 04:40:55.3, 0.6, 5.23S: 0.08, 151.5E:0.1, h100km, n42,
ms1.9/44, mb4.2/22, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Lists station codes and names.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Lists station codes and names.

IDC 23 05:01:48.3, 6.7, 23.94N: 122.84E, h0km, mb3.4/4,
mb1.3/6.4, mb1mx3.2/59, mbtmp.3/4.4, Error ellipse:
s-maj=48.5km s-min=24.4km az=61.0
JMA 23 05:01:58.2, 0.1, 23.45N: 121.68E, h46km, 3km, M3.9
ISCJB 23 05:01:59.1, 0.2, 23.48N: 0.01: 121.71E:0.02, h46km, 3km,
mb3.4/4, Error ellipse: s-maj=2.8km s-min=2.0km az=41.7
TAP 23 05:01:59.1, 23.49N: 121.64E, h48km, ML4.2, B
ISC 23 05:01:58.7, 0.9, 23.48N: 0.02: 121.70E: 0.02, h43km, 6km,
n112, e1930/176, mb3.5/4, 3C-19D, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Lists station codes and names.

1222

Table with columns: EHY, baz=272, eS, Sn, 05 02 14.1 +0.0, etc. Lists stations and their coordinates.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NSY, WLBG, RLNB, etc.

IDC 23 05:02:02.5:1.5, 14.47N:92.62W, h0km, mb3.9/10, Mb1 4.2/12, mb1mx4.0/46, mbtmp3.9/12, ML3.6/2, MS3.3/2, Ms1 3.2/2, ms1mx2.6/43, Error ellipse: s-maj=58.6km s-min=17.5km az=43.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like THIG, WLBG, RLNB, etc.

IDC 23 05:05:26.7:0.6, 11.66N:125.62E, h0km, mb4.0/15, mb1 4.1/15, mb1mx3.9/58, mbtmp4.0/15, MS4.4/1, Ms1 4.3/1, ms1mx2.6/50, Error ellipse: s-maj=34.4km s-min=14.5km az=75.0

BUI 23 05:08:11.8, 17.94S:13.02W, h14km, mb5.6/1, mbs5.6/14, Ms5.4/13, Ms7.5/0/13, IDC 23 05:08:11.6:0.4, 17.60S:13.22W, h0km, mb4.7/39, Mb1 4.7/39, mb1mx4.7/51, mbtmp4.7/39, MS4.7/46, Ms1 4.7/46, ms1mx4.7/48, Error ellipse: s-maj=13.2km s-min=10.6km az=161.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SHEL, H10S2, H10S1, etc.

IDC 23 05:08:12.8:0.0, 17.72S:13.20W, h12km, MW5.5/123, Moment Tensor Solution, s118.c202, s123.c243, Duration: 1s3 Moment tensor: Scale: 1017N/m, Mn=0.19z, Mm=0.70z, Mw=0.51z, Md=0.47z, 07, Mw=1.95z, 03; Mx=0.24z, 06; Best double couple: M2: 10100*1017 NP1: 81.00000*, 884.00000*, 1.69.00000*. NP2: 172.00000*, 879.00000*, 1.7.00000*, Principal axes: T 2.2490, Plg12.0000*, Azm36.0000*; N -0.2960, Plg78.0000*, Azm230.0000*; P -1.9530, Plg3.0000*, Azm127.0000*; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. NEIC 23 05:08:12.8:0.2, 17.70S:13.19W, h10km, mb5.3/56, MS4.9/132, Error ellipse: s-maj=7.0km s-min=5.2km az=192.0

1225

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, and other details. Includes entries like VYHS, DRGR, Keskin Array B, etc.

2012 FEB

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, and other details. Includes entries like NEY, ASHO, HATO, SOHO, etc.

23d 5h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, and other details. Includes entries like GEYT, 148A, Greensboro, etc.

1227

Table with columns: IJO, Ouri, 2.80 288 P, Pn, 05 15 53.6 +1.5, etc.

ISC/JB 23 05:49:48.6:0.3,24.01N:0.01x121.66E:0.02,h6km,2km, Error ellipse: s-maj=2.8km s-min=1.9km az=27.9

JMA 23 05:49:48.1:0.2,23.99N:121.64E,h1km,3km,ML3.1

TAP 23 05:49:48.7:0.2,24.02N:121.62E,h9km,ML3.6

ISC 23 05:49:48.6:0.8,24.00N:0.02x121.65E:0.02,h12km,4km, n80, c059/116,14D,Taiwan

Main table for 1227 with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, h, m, s, ISC

2012 FEB

Main table for 2012 FEB with columns: PTSB, Yuanli, 0.97 297 eP, Pn, 05 50 08.1 0.0, etc.

CSEM 23 05:52:24.5:0.2,44.89N:10.59E,h19km,ML3.6/4, Error ellipse: s-maj=5.5km s-min=2.7km az=108.0

ROM 23 05:52:24.9:0.1,44.86N:10.59E,h30km,1km,Md2.3/11, Error ellipse: s-maj=1.5km s-min=0.9km az=126.0

ISC/JB 23 05:52:25.3:0.3,44.85N:10.57E:0.05,h13km,4km, Error ellipse: s-maj=6.1km s-min=3.1km az=9.6

ISC 23 05:52:25.5:0.9,44.86N:10.57E:0.03,h27km,6km, n43, c1f03/79, Northern Italy

Main table for 2012 FEB (continued) with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, h, m, s, ISC

23d 6h

Table for 23d 6h with columns: RNI, Roncone, 1.12 2 eSg, Sn, 05 53 00.0 -0.2, etc.

IDC 23 05:58:02.9:1.6,27.92S:176.57W,h0km,mb3.6/5, mbl1 3.9/5, mblmx3.7/35, mbtmp3.5/5, Error ellipse: s-maj=70.0km s-min=25.8km az=143.0, Kermadec

Table for 23d 6h (continued) with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, h, m, s, ISC

ISC/JB 23 06:07:46.7:0.4,39.11N:0.02:28.15E:0.03,h9km,4km, Error ellipse: s-maj=4.2km s-min=3.2km az=11.6

DDA 23 06:07:46.4,39.16N:28.13E,h7km,ML2.6

ISK 23 06:07:46.4,39.08N:28.17E,h9km,ML2.5/6

CSEM 23 06:07:47.0:0.1,39.11N:28.15E,h10km,ML2.5, Error ellipse: s-maj=2.8km s-min=2.3km az=22.0

ISC 23 06:07:46.6:0.9,39.10N:0.02:28.14E:0.02,h16km,7km, n43, c040/65, Turkey

Main table for 23d 6h (continued) with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, h, m, s, ISC

KRSC 23 06:08:19.7:1.2,54.57N:163.27E,h47km,35km,ML3.9, Off east coast of Kamchatka Peninsula

Main table for 23d 6h (continued) with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, h, m, s, ISC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KLY, BDR, SRKR, SPN, KOZ, SDLR, etc.

ADC 23 06:09:47.0.1.2, 41.17N:83.28E, h0km, mb3.6/3, mb1.3/4.8, mb1mx3.3/68, mbmtmp3.3/8, ML2.8/5, Error ellipse: s-maj=2.6km s-min=2.1km az=72.0

ISCJB 23 06:09:48.1.0.8, 41.26N:0.05:83.38E:0.08, h10km, mb3.5/3, Error ellipse: s-maj=8.2km s-min=7.6km az=176.1

BUI 23 06:09:50.9, 41.15N:83.23E, h5km, ML3.4/8, NNC 23 06:09:52.2.1.3, 41.38N:83.17E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=9.8km s-min=6.4km az=153.0

SOME 23 06:09:57.8, 43.70N:83.48E, h5km, ISC 23 06:09:50.5.1.1, 41.28N:0.07:83.47E:0.07, h10km, n21, c#323/30, mb3.6/3, 11C-9D, Southern Xinjiang

Main table of station data for the 23 6h period, including codes, station names, and coordinates.

MOS 23 06:29:23.9.0.6, 50.63N:155.96E, h70km, mb4.3/1, Error ellipse: s-maj=84.5km s-min=8.0km az=69.1

KRSC 23 06:29:19.9.1.7, 50.28N:156.38E, h86km, mb15km, ML4.2, Kuril Islands

Table of station data for Kuril Islands, including codes like SKR, SKR, SKR, etc.

Summary table for 2012 FEB with columns: SMAR, Somma, Sedlovina, etc.

NNC 23 06:37:30.9.4.3, 49.62N:83.76E, h0km, mb2.7, mpv2.4, Error ellipse: s-maj=40.7km s-min=11.9km az=68.0

Supported Missing Explosives ISC 23 06:37:33.8.2.0, 49.65N:83.99E, h0km, mb1.2/2.1, mb1mx2.2/67, mbmtmp2.2/1, ML2.3/1, CR-2D, Error ellipse: s-maj=27.3km s-min=13.2km az=89.0, Eastern Kazakhstan

Table of station data for Kazakhstan, including codes like MK31, MKAR, MKAR, etc.

DDA 23 06:41:53.6, 38.62N:37.42E, h7km, ML2.5, CSEM 23 06:41:53.9.0.2, 38.64N:37.43E, h5km, ML2.6, Error ellipse: s-maj=3.8km s-min=3.5km az=31.0

ISCJB 23 06:41:54.0.0.5, 38.63N:0.03:37.42E:0.04, h7km, 4km, Error ellipse: s-maj=5.1km s-min=4.7km az=30.8

ISK 23 06:41:54.1, 38.64N:37.48E, h5km, ML2.6/5, ISC 23 06:41:53.6.0.9, 38.64N:0.03:37.42E:0.03, h8km, 6km, n28, c#32/46, Turkey

Main table of station data for Turkey, including codes like DARE, DARE, DARE, etc.

ISCJB 23 06:43:54.4.1.2, 37.16N:0.04:141.16E:0.08, h3km, 6km, mb3.2/2, MS3.4/2, Error ellipse: s-maj=10.7km s-min=6.4km az=179.6

ADC 23 06:43:54.6.2.3, 37.16N:141.22E, h0km, mb3.2/2, mb1.3/3.3, mb1mx3.2/61, mbmtmp3.3/3, ML2.8/1, MS3.5/2, Ms1.3/5.2, ms1mx2.8/22, Error ellipse: s-maj=45.0km

JMA 23 06:43:56.3, 37.16N:141.01E, h11km, 1km, M2.6, JMA Feil J1

ISC 23 06:43:55.9.1.8, 37.16N:0.04:141.05E:0.08, h4km, 11km, n18, c#093/17, Near east coast of eastern Honshu

Main table of station data for Honshu, including codes like ONAJ, JFK, JFO, etc.

ADC 23 06:56:25.7.2.8, 54.30N:86.04E, h0km, mb1.2/5/2, mb1mx2.5/73, mbmtmp2.5/2, ML2.2/2, Error ellipse: s-maj=20.0km s-min=11.2km az=55.0, Southwestern Siberia

Table of station data for Southwestern Siberia, including codes like I46RU, ZALV, ZALV, etc.

ISCJB 23 06:57:24.0.0.2, 4.68N:0.02:127.69E:0.04, h104km, mb4.2/40, Error ellipse: s-maj=5.2km s-min=3.2km az=163.3

NEIC 23 06:57:27.3.0.5, 4.61N:127.66E, h122km, 5km, mb4.4/16, Error ellipse: s-maj=5.8km s-min=3.1km az=63.0

ADC 23 06:57:28.4.2.5, 4.66N:127.72E, h130km, 23km, mb3.9/21, Mb1.3/9.22, mb1mx3.8/58, mbmtmp3.2/22, MS3.1/1, Ms1.3/1.1, ms1mx2.4/54, Error ellipse: s-maj=22.0km s-min=9.5km az=69.0

DJA 23 06:57:33.0.0.7, 4.7N:6.127E, h98km, 17km, M4.5/7, mb4.5/7, mb4.9/4, MLv4.7/7, Mw(MB)4.2/4, Mwp5.5/1

ISC 23 06:57:25.6.0.4, 4.67N:0.04:127.67E:0.06, h104km, n100, c#187/110, mb4.2/40, 1C, Talaud Islands

Main table of station data for Talaud Islands and other stations, including codes like SGSI, SGSI, DAV, etc.

23d 8h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like COEN Coen, AS01 Alice Springs, AS31 Alice Springs, etc.

2012 FEB

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like X18A Snowflake, MTPU Mount Pierson, E07A Sunny Ridge, etc.

1230

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like KURK Kurchatov, KURBB Kurchatov Arra, KSH Kashi, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like VTS, SOKA, BFO, DIVS, WATA, RETA, WTKA, MOTY, ABTA, FETA, DAVO, FUORN, PDG, ES19, ESDC, LIC, KIC, TIC, DBIC, DBIC, KOWA, KOWA, TOAO, TORO, TORO, TOA1, TOA1.

MEX 23 08:11:02.9-0.8, 14:18N:93.37W, h13km, mb3.6/4, MD3.7,

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like THIG, THIG, PCIG, PCIG, CCIG, CCIG, TGIG, TGIG.

IDC 23 08:18:05.4-2.7, 30:23S:60:89E, h0km, mb3.6/4,

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like MATP, BOSA, LBTB, SUR, H01W2, H01W3, H01W1, SNA, CMAR, CMAR, ASAR, MKAR, KURB, YKA.

ISK 23 08:24:23.3, 38:64N:43:21E, h9km, ML2 1/3

DDA 23 08:24:24.2, 38:67N:43:19E, h7km, ML2 6

CSEM 23 08:24:24.0, 38:68N:43:40E, h10km, ML2 1, Error

ellipse: s-maj=5.0km s-min=4.5km az=70.0

ISC 23 08:24:24.4, 1.1, 38:58N:0:03:43:21E, h12km, 10km,

n16, c0566/32, Turkey

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like VANB, VANB, VANB, VANB, TVAN, TVAN, TVAN, GEVA, GEVA, GEVA, ADCV, ADCV, ADCV, VMUR, VMUR, VMUR, TUTA, TUTA, TUTA, AGRB, AGRB, AGRB, GURO, GURO, GURO.

ISCJB 23 08:25:04.8, 0.7, 6:38S:0:08:126:8E, 0.1, h450km,

mb3.4/5, Error ellipse: s-maj=16.5km s-min=8.9km

IDC 23 08:25:07.0, 4.2, 6:48S:126:77E, h462km, 57km, mb3.0/5,

mb1 3.1/9, mb1mx2.9/58, mbtmp3.9/9, Error ellipse:

s-maj=97.4km s-min=18.4km az=56.0

ISC 23 08:25:06.0, 1.0, 6:55S:0:1:126:8E, 0.2, h450km, n9,

c19/12, mb3.4/5, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like BATI, BATI, FITZ.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like WRA, WRA, ASAR, ASAR, STKA, STKA, SOMR, SOMR, MKAR, MKAR, ZALV, ZALV, KURB, KURB.

JMA 23 08:40:55.6, 0.2, 24:42N:122:26E, h68km, 3km, M2.7

TAP 23 08:40:55.8, 24:52N:122:27E, h64km, 1km, ML3.4, B

ISCJB 23 08:40:56.0, 0.4, 24:51N:0:02:122:29E, 0.0, h61km, 4km,

Error ellipse: s-maj=3.7km s-min=2.6km az=169.0

ISC 23 08:40:56.5, 1.3, 24:51N:0:03:122:28E, 0.02, h6km, 7km,

n69, c0970/16, 1C, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like EOS1, EOS1, TWC, TWC, ENAH, ENAH, NANB, NANB, ENA, ENA, ENA, ENA, NTC, NTC, ILA, ILA, TWB1, TWB1, TWE, TWE, TWE, TWE, JYNG, JYNG, JYNG, JYNG, TIPB, TIPB, ENTT, ENTT, YOJ, YOJ, YOJ, YOJ, NACB, NACB, NWF, NWF, NWF, NWF, WFSB, WFSB, WFSB, WFSB, TWD, TWD, TWD, TWD, NWLT, NWLT, NWLT, NWLT, NNSH, NNSH, NNSH, NNSH, NNSB, NNSB, NNSB, NNSB, NNS, NNS, NNS, NNS, YHNB, YHNB, YHNB, YHNB, NSK, NSK, NSK, NSK, TATO, TATO, TATO, TATO, ENLB, ENLB, ENLB, ENLB, YM07, YM07, YM07, YM07, YM10, YM10, YM10, YM10, YM08, YM08, YM08, YM08, YM04, YM04, YM04, YM04, YM03, YM03, YM03, YM03, TWS1, TWS1, TWS1, TWS1, TWY, TWY, TWY, TWY, WHF, WHF, WHF, WHF, WHT, WHT, WHT, WHT, NTST, NTST, NTST, NTST, ESL, ESL, ESL, ESL, TDCB, TDCB, TDCB, TDCB, CHGB, CHGB, CHGB, CHGB.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like CHGB, OWD, OWD, LIOB, LIOB, LIOT, LIOT, NSTT, NSTT, SANB, SANB, SANB, SANB, DPDB, DPDB, EHY, EHY, TWQ1, TWQ1, SMLT, SMLT, SMLT, SMLT, TYC, TYC, TYC, TYC, TWF1, TWF1, WJS, WJS, YUS, YUS, YUS, YUS, WNT, WNT, JKRS, JKRS, ALS, ALS, JUJ, JUJ, CHN5, CHN5, WDLH, WDLH, JISG, JISG, RLNB, RLNB, CHN4, CHN4, CHN4, CHN4, TPUB, TPUB, STYT, STYT, STYT, STYT, CHN1, CHN1, SGST, SGST, SLGT, SLGT, JTJ, JTJ.

MAN 23 08:47:50, 9:92N:123:29E, h32km, mb3.6, ML2.3, MS1.7,

1C, Negros

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like SNPH, SNPH, TBP, TBP, GUIM, GUIM, GUIM, GUIM.

ISCJB 23 08:52:09.7, 0.6, 38:04N:0:02:38:23E, 0.03, h6km, 5km,

Error ellipse: s-maj=4.4km s-min=4.1km az=23.2

CSEM 23 08:52:09.6, 0.2, 38:04N:38:21E, h10km, ML2 1, Error

ellipse: s-maj=3.6km s-min=3.0km az=62.0

DDA 23 08:52:09.4, 38:05N:38:21E, h12km, ML2 7

ISK 23 08:52:09.1, 38:03N:38:20E, h7km, ML2 1/5

ISC 23 08:52:09.5, 1.0, 38:04N:0:02:38:21E, 0.02, h11km, 9km,

n27, c0665/50, Turkey

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like MALT, MALT, MALT, MALT, AKCD, AKCD, AKCD, AKCD, ELZG, ELZG, ELZG, ELZG, URFA, URFA, URFA, DARE, DARE, DARE, DARE, HEKM, HEKM, HEKM, HEKM, ELBS, ELBS, ELBS, ELBS, GAZ, GAZ, GAZ, GAZ, SURC, SURC, SURC, SURC, HCB, HCB, HCB, KEMA, KEMA, KEMA, KEMA, PTK, PTK, PTK, PTK, CUKAN, CUKAN, CUKAN, CUKAN, MAZI, MAZI, MAZI, MAZI.

ISCJB 23 09:03:59.5, 0.7, 38:19N:0:05:38:12E, 0.05, h14km, 6km,

Error ellipse: s-maj=9.7km s-min=5.1km az=37.1

DDA 23 09:03:60.0, 38:22N:38:04E, h17km, ML2 5

CSEM 23 09:03:59.5, 0.4, 38:21N:38:13E, h12km, ML1.7, Error

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AKCD Akcadag, MALT Malatya, DARE Darende-Malatya, HEKM Malatya_Hekimh, etc.

ISCJB 23 09:17:57.8.0.8, 13.0N, 02.51.1E, 0.1, h16km, mb3.87, MS3.1/5, Error ellipse: s-maj=23.9km s-min=14.1km az=164.0

ISC 23 09:17:58.0.1.3, 13.11N, 01.16E, h0km, mb3.77, mb1 4.0, mb1mx2.3.6/61, mbtmp3.8/8, ML4.3/1, MS3.2/7, Ms1 3.2/7, ms1mx2.8/62, Error ellipse: s-maj=36.7km s-min=21.7km az=175.0

ISC 23 09:17:59.6.0.9, 12.9N, 02.51.2E, 0.1, h16km, n18, n121/9, mb3.87, MS3.2/5, ID, Eastern Gulf of Aden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ATD Arta Tunnel, WSAR Wadi Sarin, GEYT Alibeck, H08N2 Diego Garcia H, H08N1 Diego Garcia H, GNI Garni, BRTR Keskin Arr, KBZ Khabaz, AKTO Aktyubinsk, MKAR Makanchi Array, CMAR Chiang Mai Arr, TORD Torodi Arr, ZALV Zalesovo Beam, FINES FINESS Array B, ESDC Sonseca Array, SYO Syowa Base, WRA Warrungana Arr.

MAN 23 09:28:55, 11.18N, 124.69E, h32km, mb4.4, ML3.3, MS3.1, ID, Leyte

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OCLP Ormoc, PLP Palo, MSLP Maasin, WRA Warrungana Arr.

ISC 23 09:40:27.9.7.3, 47.92N, 154.31E, h63km, 78km, mb2.9/2, mb1 3.5/4, mb1mx3.0/67, mbtmp3.5/4, ML4.7/1, Error ellipse: s-maj=109.0km s-min=37.6km az=133.0, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PETK Petropavlovsk, MA2 Magadan, H11N2 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, ASAR Alice Springs, TXAR Lajitas Array.

ISCJB 23 09:41:15.2.0.8, 48.3N, 0.1:154.7E, 0.2, h51km, mb3.6/9, Error ellipse: s-maj=23.2km s-min=13.3km az=40.6

ISC 23 09:41:17.0.4.3, 48.26N, 154.73E, h52km, 39km, mb3.3/9, mb1 3.5/10, mb1mx2.3.6/61, mbtmp3.6/10, ML2.8/1, MS2.7/2, Ms1 2.7/2, ms1mx2.4/34, Error ellipse: s-maj=26.1km s-min=17.3km az=135.0

ISC 23 09:41:17.0.1.0, 48.3N, 0.2:154.8E, 0.2, h51km, n17, n078/10, mb3.5/9, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PETK Petropavlovsk, MA2 Magadan, H11N2 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, INK Inuvik, MKAR Makanchi Array, KURBB Kurchatov Arr, YKA Yellowknife Arr.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FINES FINESS Array B, WRA Warrungana Arr, ASAR Alice Springs, TXAR Lajitas Array.

ISCJB 23 10:00:43.6.1.1, 21.45S, 0.08:67.3W, 0.3, h273km, 23km, mb3.5/1, Error ellipse: s-maj=43.1km s-min=10.3km az=10.2

GUC 23 10:00:43.6.0.5, 21.44S, 67.38W, h256km, 10km, ML4.0, IDC 23 10:00:46.7.8.8, 21.08S, 66.56W, h252km, 73km, mb3.3/1, mb1 3.4/2, mb1mx2.9/35, mbtmp3.9/2, Error ellipse: s-maj=108.6km s-min=84.3km az=33.0

ISC 23 10:00:43.7.1.7, 21.44S, 0.09:67.1W, 0.3, h249km, 23km, n11, n0569/20, 2D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB09 IPOC Station P, PB09 IPOC Station P, PB01 IPOC Station P, PB08 IPOC Station P, PB02 IPOC Station P, PB07 IPOC Station P, PB06 IPOC Station P, PB11 IPOC Station P, PB04 IPOC Station P, LPAZ La Paz, LPAZ La Paz, TORD Torodi Arr, MKAR Makanchi Array.

IDC 23 10:23:00.4.0.7, 55.00N, 163.23E, h0km, mb3.9/22, mb1 4.0/24, mb1mx3.9/75, mbtmp3.9/24, ML4.3/1, MS2.9/3, Ms1 2.9/3, ms1mx2.6/62, Error ellipse: s-maj=17.7km s-min=12.6km az=167.0

KRSC 23 10:23:01.5.0.8, 54.86N, 163.52E, h55km, 21km, ML4.1, ISCJB 23 10:23:03.9.0.5, 54.90N, 0.03:163.40E, 0.4, h1.6km, 4km, mb4.0/29, MS2.9/2, Error ellipse: s-maj=5.9km s-min=4.3km az=36.1

MOS 23 10:23:04.1.0.8, 54.92N, 163.38E, h45km, mb4.2/1, Error ellipse: s-maj=7.5km s-min=5.2km az=101.6, NEIC 23 10:23:07.2.0.7, 53.92N, 163.15E, h50km, 7km, mb4.3/5, Error ellipse: s-maj=7.0km s-min=4.8km az=151.0

ISC 23 10:23:03.6.2.2, 54.94N, 0.04:163.48E, 0.04, h23km, 21km, n129, n181/137, mb4.2/29, Off east coast of Kamchatka

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KBTR Krutoberegovo, KBG Krutoberegovo, BKI Bering, BKI Bering, KZV Kizimen, KZV Kizimen, TUMR Tumrok, CIRR Tsirik, LGNR Loginova, LGNR Loginova, BZMR Bezymyannaya, BZMR Bezymyannaya, BZWR Bezymyanni-We, SMKR Semkarok, SMKR Semkarok, KMNR Kamenistaya, KMNR Kamenistaya, KIRR Kirishev, KIRR Kirishev, BDR Baidarnaya, BDR Baidarnaya, KRSR Krestovskiy, KRSR Krestovskiy, KLY Klyuchi, KLY Klyuchi, KPT Kopyto, KPT Kopyto, SRKR Sorokina, SRKR Sorokina, KOZ Kozryevsk, KOZ Kozryevsk, ESO Esso, ESO Esso, SDLR Sedlovina, SDLR Sedlovina, SMR Somma, SMR Somma, UGLR Uglovaya, UGLR Uglovaya, KRX Arik, KRX Arik, AVH Avacha, AVH Avacha, KOK Koryaka, KOK Koryaka, DALK Dalny, DALK Dalny, DALK Dalny, PET Petropavlovsk, PET Petropavlovsk, PET comp=E, 100nm, 0.7s, smax smax, PET comp=N, 166nm, 0.6s, MLR MLR, PET comp=N, 230nm, 12.0s, PET Petropavlovsk, PET Petropavlovsk, GNL Ganaly, GNL Ganaly, KRMR Karymshinskyj, KRMR Karymshinskyj, PEAI Petropavlovsk, PEAI Petropavlovsk, PETK Petropavlovsk, PETK Petropavlovsk.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PETK Petropavlovsk, APC Apache, PALN Palana, MA2 Magadan, NKL Nikolayevsk, NKL Nikolayevsk, YAK Yakutsk, YAK Yakutsk, KLR Kul'dur, KLR Kul'dur, TIXI Tiksi, KDAD Kodiak Island, COLD Coldfoot, MAJO Matsushiro, MAJO Matsushiro, MJAR Matsushiro, TLTK Toolik Lake Arr, ILAR Eielson Array, ILB Eielson Array, ILI Eielson Array, KSRK Korya Array, H11N2 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, SONHO Songoing Array, SONMI Songoing Array, H11S1 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, YKA Yellowknife Arr, LLLB Lillooet, ZALV Zalesovo Beam, SPITS Spitsbergen Arr, KURK Kurchatov, KURK Kurchatov, KURK Kurchatov, MK32 Makanchi Array, MKAR Makanchi Array, GCMT Greycliff, PDAR Pinedale Array, ULM Lac du Bonnet, AKTO Aktyubinsk, ABKAR Akbulak Arr, FIAO FINESS Array S, FIAO FINESS Array S, FINES FINESS Array B, CM01 Chiang Mai Arr, NB20 NORSAR Array, NB20 NORSAR Array, HFS Hagfors, GEYT Alibeck, AKASO Malin Arr, LTJ Lajitas, TXAR Lajitas Array, KBZ Khabaz, NCAT Nauru Island, BR101 Keskin Arr, BR11 Keskin Arr, WRA Warrungana Arr, WRA Warrungana Arr, ASAR Alice Springs, ASAR Alice Springs.

ISCJB 23 10:25:22.3.1.0, 37.13N, 0.04:38.86E, 0.07, h2km, 8km, Error ellipse: s-maj=9.2km s-min=6.4km az=1.9, CSEM 23 10:25:22.3.0.3, 37.11N, 38.82E, h8km, ML2.5, Error ellipse: s-maj=9.2km s-min=6.5km az=97.0

DDA 23 10:25:22.3.7, 12N, 38.79E, h7km, ML2.5, ISC 23 10:25:22.3.7, 18N, 38.87E, h5km, ML2.5/3, ISC 23 10:25:21.9.1.3, 37.11N, 0.03:38.82E, 0.05, h3km, 10km, n14, n058/26, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SURC SANLIURFA_SURC, SURC SANLIURFA_SURC, SURC Urfu, SURC Urfu, MALT Malatya, MALT Malatya, MAZI Mazidag, MAZI Mazidag, AKCD Akcadag, AKCD Akcadag, ELZG Elazig, ELZG Elazig, PTJ Pertek, PTJ Pertek.

NIC 23 10:27:31.9.0.8, 51.18N, 75.84E, h0km, mb3.1, mpv2.8, Error ellipse: s-maj=25.3km s-min=3.9km az=23.0

23d 13h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like 214A Organ Pipe Nat, NEE2 Needles Airpor, and many others.

2012 FEB

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like YFT Old Faithful, PLCA Paso Flores, BOZ Bozeman (W), and many others.

1236

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like CLL comp=2.26nm,0.7s, CLC Collin, and many others.

DC 23 13:12.0, 6.3, 36.16N; 71.40E, h63km, 34km, mb3.4/7, mb1 3.5/12, mb1mx3.2/72, mbtmp3.7/12, ML3.5/5, MS3.9/1, Ms1 3.9/1, ms1mx2.3/48, Error ellipse: s-maj=30.2km s-min=20.3km Az=16.0.

ISCJB 23 13:12.1, 2.0, 0.5, 36.35N; 0.04; 71.46E; 0.08, h114km, mb3.5/6, Error ellipse: s-maj=9.9km s-min=4.7km Az=152.7

NNC 23 13:12.18.5; 2.8, 36.91N; 71.29E, h165km, 52km, mb2.9, mpv3.7, Error ellipse: s-maj=40.6km s-min=25.0km Az=76.0

ISC 23 13:12.13.0; 0.8, 36.47N; 0.06; 71.55E; 0.09, h114km, n32, o1989/36, mb3.6/6, 6C-4D, Afghanistan-Tajikistan border region

Table with columns for Code, Station Name, Az, Phase, Op, ISC, h, n, s, ISC. Includes stations like SFK Sufi-Kurgan, SFK 14nm,0.3s, SFK 14nm,0.3s, and many others.

Table with columns: AKTO, ZALV, FINES, HFS, NOA, NB2, MA2, TORD, WRA, ASAR. Includes station names, times, and various codes.

CSEM 23 13:25:17.1, 43.90N; 11.99E, h7km, MD2/2/16
ROM 23 13:25:17.1, 43.90N; 11.99E, h7km, MD2/2/16

Main table for station 1237 with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like Santa Sofia, Caprese Michel, etc.

IDC 23 13:25:15.7, 1.6, 9.73S; 124.27E, h0km, mb3.3/1,
mb1 3.8/4, mb1mx3.4/52, mbtm3.6/4, ML3.7/3, Error

Table for station 1238 with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like Soe, Baumata, etc.

DDA 23 13:25:22.6, 37.93N; 30.58E, h7km, M12.2, Turkey

Table for station 1239 with columns: KHAL, BUI, MOS, ISCJB, DJA, GCMT. Includes station names and times.

New Britain region
Code Station Name Az AzZ Phase ID Time Res

Main table for station 1239 with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like Rabaul, Manus Island, etc.

Main table for station 1240 with columns: STKA, BATI, FITZ, etc. Lists stations like Stephens Creek, Baumata, etc.

23d 13h

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like Kunming, Lampang, Chiang Mai, etc.

2012 FEB

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like Urumqi, Kodiak Island, Kodiak, etc.

1238

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like Inuvik, Drain, Callahan, etc.

23d 14h

456A Hilliard	19.26	30	P	P	14 13 31.7	-0.8
150A Eclectic	19.31	19	P	P	14 13 32.9	-0.1
Z47A Carrollite	19.33	13	P	P	14 13 34.1	+0.8
457A Yulee	19.41	32	P	P	14 13 33.0	-1.2
LRAL Lakeview Retre	19.43	16	P	P	14 13 34.8	+0.4
LRAL Lakeview Retre	19.43	16	eP	P	14 13 35.5	+1.1
Y42A Garnett, Star	19.43	4	P	P	14 13 31.8	-2.6
Y41A Eaglette Beard	19.44	1	P	P	14 13 32.5	-1.9
151A Opelika	19.46	20	P	P	14 13 34.4	-0.3
Y40A Okolona	19.56	360	P	P	14 13 35.4	-0.4
YOTC Yotoco, Valle	19.57	120	eP	Pn	14 13 35.5	+2.0
Y43A Makayla and Ka	19.57	6	P	P	14 13 34.5	-1.4
Z48A Northport	19.61	14	P	P	14 13 36.2	-0.2
Y45A Yeager Farm, C	19.70	9	P	P	14 13 36.0	-1.3
Y44A Strider, Charl	19.70	7	P	P	14 13 35.6	-1.8
Z49A Columbiana	19.71	17	P	P	14 13 37.3	-0.1
GUVC Guyana, Colomb	19.75	116	eP	P	14 13 39.1	+0.6
Y46A Houston	19.83	11	P	P	14 13 39.4	+0.6
Z50A Ashland	19.94	18	P	P	14 13 38.8	-1.2
RREF El Recreo	19.95	116	eP	P	14 13 42.5	+1.6
PTBC PUERTO BERRIO,	20.00	111	eP	P	14 13 40.0	-0.8
X40A Basin Creek Fa	20.04	1	P	P	14 13 39.7	-1.3
Y47A UCPARC, Winfie	20.05	13	P	P	14 13 41.6	+0.5
NORC Norcasia	20.05	114	eP	P	14 13 43.3	+1.8
X41A Kaden, Bauxite	20.06	2	P	P	14 13 39.2	-1.9
X39A Fountain Ranch	20.08	358	P	P	14 13 41.0	-0.4
MIAR Mount Ida	20.10	359	P	P	14 13 41.3	-0.3
MIAR Mount Ida	20.10	359	eP	Pmax	14 13 41.1	-0.6
MIAR Mount Ida	20.10	359	eP	P	14 13 41.1	-0.6
X42A Stuttgart	20.16	4	P	P	14 13 40.3	-2.0
X43A Marv	20.18	6	P	P	14 13 41.4	-1.1
Y48A Jasper	20.22	15	P	P	14 13 41.0	-2.0
X37A Clayton	20.23	355	P	P	14 13 42.1	-1.0
X37A Clayton	20.23	355	eP	Pn	14 13 48.0	+2.8
X44A Crenshaw	20.24	7	P	P	14 13 39.6	-3.6
OTAV Otavalo	20.25	133	P	Pmax	14 13 45.3	+1.3
OTAV Otavalo	20.25	133	eP	Pn	14 13 46.0	0.0
X45A UM Field Stati	20.27	9	P	P	14 13 42.3	-1.2
UALR University of	20.34	2	P	P	14 13 45.7	+1.4
OXF Oxford	20.36	9	P	P	14 13 42.0	-2.4
OXF Oxford	20.36	9	eP	Pn	14 13 49.8	+3.3
OXF Oxford	20.36	9	eP	Pn	14 13 49.8	+3.2
Y49A Blount Mountai	20.36	16	P	P	14 13 42.9	-1.7
SOTA Rioblanco	20.41	125	eP	P	14 13 47.6	+1.9
PCON Cinco Dias	20.42	124	eP	P	14 13 47.4	+1.0
MARP Paez Belacaza	20.56	122	eP	P	14 13 48.6	+1.8
X46A Booneville	20.54	11	P	P	14 13 45.1	-1.4
MNTX Cornudas Mount	20.54	329	P	P	14 13 47.2	+0.6
MNTX Cornudas Mount	20.54	329	eP	P	14 13 47.2	+0.6
Y50A Piedmont	20.59	18	P	P	14 13 46.0	-1.0
X47A Russelville	20.64	13	P	P	14 13 46.3	-1.3
W38A Poteau	20.65	357	P	P	14 13 45.1	-2.6
W41B Gary Mavity, V	20.74	2	P	P	14 13 47.6	-1.1
W40A Ferguson Farm,	20.74	0	P	P	14 13 47.9	-0.7
W40A Ferguson Farm,	20.74	0	eP	Pn	14 13 53.2	+2.2
W39A Magazine	20.75	359	P	P	14 13 47.2	-1.6
W43A Forest City	20.76	6	P	P	14 13 46.5	-2.3
X48A Hartselle	20.77	14	P	P	14 13 47.5	-1.4
ROSC El Rosal	20.87	115	P	P	14 13 53.1	+2.4
ROSC El Rosal	20.87	115	eP	LR	14 22 08.9	
ROSC El Rosal	20.87	115	eP	Pn	14 13 54.1	+0.9
W42A Bald Knob	20.88	4	P	P	14 13 47.2	-2.9
WMOK Wichita Mounta	20.90	347	P	P	14 13 49.5	-0.9
WMOK Wichita Mounta	20.90	347	eP	Pmax	14 13 50.8	+0.4
WMOK Wichita Mounta	20.90	347	eP	P	14 13 50.8	+0.4
GOGA Godfrey	20.93	23	P	P	14 13 48.8	-1.9
GOGA Godfrey	20.93	23	eP	Pmax	14 13 53.3	+2.6
GOGA Godfrey	20.93	23	eP	P	14 13 53.3	+2.6
PRAC Prado	20.94	119	eP	Pn	14 13 53.9	+0.3
PRAC Prado	20.94	119	eP	P	14 13 52.1	+1.1
X49A Woodville	21.01	16	P	P	14 13 51.6	+0.1
W45A Hickory Valley	21.02	9	P	P	14 13 53.1	+1.5
PLAL Pickwick Lake	21.05	12	eP	P	14 13 57.0	+5.0
W46A Michie	21.14	11	P	P	14 13 51.6	-1.3
BARC Barichara	21.14	109	eP	P	14 13 54.5	+1.1
X50A Fort Payne	21.15	18	P	P	14 13 51.5	-1.6
EPT El Paso	21.18	327	eP	P	14 13 54.7	+1.2
PAMC Pamplona, Col	21.31	307	eP	P	14 13 56.8	+1.4
OK022 N3560 Road, Pr	21.31	352	eP	P	14 13 56.0	+1.1
OK020 N3440 Road, Me	21.34	352	eP	P	14 13 56.4	+1.2
V41A Mountainview	21.35	2	P	P	14 13 54.3	-0.9
V40A Whits Springs	21.36	1	P	P	14 13 55.4	+0.1
MSTX Muleshoe	21.36	338	P	P	14 13 55.6	+0.1
MSTX Muleshoe	21.36	338	eP	P	14 13 56.3	+0.9
OK021 N3530 Road, Sp	21.38	352	eP	P	14 13 55.6	0.0
V39A Pettigrew	21.39	359	P	P	14 13 54.0	-1.7
W47A Westpoint	21.41	13	P	P	14 13 56.4	+0.6

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V42A Cord	21.42	4	P	P	14 13 55.7	-0.2
W48A Pulaski	21.45	14	P	P	14 13 56.6	+0.3
CHIC Chizab	21.49	115	eP	P	14 13 57.4	+0.1
SDDR Presa de Saban	21.49	75	eP	P	14 13 59.2	+2.3
FLOC Florencia	21.50	125	eP	P	14 14 01.3	+4.2
RUSC La Rusia	21.51	111	eP	P	14 13 57.4	-0.3
RUSC La Rusia	21.51	111	eP	P	14 13 57.4	-0.3
V44A Blytheville	21.58	7	P	P	14 13 58.2	+0.6
TUL1 Leonard	21.58	354	P	P	14 13 56.7	-1.0
TUL1 Leonard	21.58	354	eP	P	14 13 59.2	+1.5
V45A Humboldt	21.63	9	P	P	14 13 56.0	-2.1
AMTX Amarillo	21.82	341	P	P	14 13 56.8	-3.5
AMTX Amarillo	21.82	341	eP	P	14 14 00.5	+0.2
V46A Yellville	21.83	11	P	P	14 13 56.4	-4.0
U40A Yellville	21.91	1	P	P	14 14 01.0	-0.1
U41A Vico	21.92	3	P	P	14 14 01.4	+0.1
SRIG Santa Rosaia	21.93	309	eP	P	14 14 04.8	+3.4
U39A Green Forest	21.93	359	P	P	14 14 01.8	+0.4
HSIG San Juan de Ar	21.96	118	eP	P	14 14 04.1	+2.0
SJAC Revuelto	21.97	4	P	P	14 14 00.6	-1.2
V47A Nunnelly	21.98	12	P	P	14 14 01.3	-0.7
V48A Smith Brothers	22.05	14	P	P	14 14 01.0	-1.7
U43A Rector	22.06	6	P	P	14 14 00.4	-2.4
NHSC New Hope	22.11	30	eP	P	14 14 02.5	-0.9
NHSC New Hope	22.11	30	eP	P	14 14 04.6	+1.3
U44B Burton Farm, H	22.16	8	P	P	14 14 01.4	-2.4
WVT Waverly	22.21	12	P	P	14 14 03.1	-1.3
WVT Waverly	22.21	12	eP	Pmax	14 14 03.9	-0.5
WVT Waverly	22.21	12	eP	P	14 14 03.9	-0.5
U45A Rockin P Farm,	22.25	10	P	P	14 14 03.3	-1.6
U44A Portageville	22.27	8	P	P	14 14 04.2	-0.9
319A Douglas	22.45	322	eP	P	14 14 09.2	+2.1
121A Cookes Peak, D	22.45	326	P	P	14 14 07.9	+0.7
121A Cookes Peak, D	22.45	326	eP	P	14 14 09.4	+2.2
UBMO Poplar Bluff	22.45	6	eP	P	14 14 06.4	-0.7
U32A Winter Ranch,	22.53	348	P	P	14 14 06.1	-1.8
T39A Clever	22.57	360	P	P	14 14 08.4	+0.1
T38A Diamond	22.60	358	P	P	14 14 06.7	-1.9
U47A Clarksville	22.62	12	P	P	14 14 07.4	-1.4
T41A Mountain View	22.63	3	P	P	14 14 08.1	-0.8
T35A Sooner Cattle	22.65	353	P	P	14 14 07.1	-2.1
T42A Van Buren	22.65	4	P	P	14 14 07.4	-1.8
T40A Mansfield	22.70	1	P	P	14 14 09.0	-0.7
T37A Cheneyville 18	22.72	356	P	P	14 14 08.7	-1.1
T36A Boggs Farm, Ca	22.73	354	P	P	14 14 07.6	-2.4
SDV Santo Domingo	22.77	101	P	P	14 14 10.1	-0.7
SDV Santo Domingo	22.77	101	eP	P	14 14 10.8	0.0
SDV Santo Domingo	22.77	101	eP	P	14 14 10.1	-0.7
T43A Greenville	22.78	6	P	P	14 14 08.7	-1.8
TKL Tuckaleechee C	22.84	20	P	P	14 14 09.6	-1.6
TKL Tuckaleechee C	22.84	20	eP	LR	14 24 59.5	
TKL Tuckaleechee C	22.84	20	eP	Pmax	14 14 12.4	+1.2
TKL Tuckaleechee C	22.84	20	eP	P	14 14 12.4	+1.2
T34A McClaskey Farm	22.84	352	P	P	14 14 10.7	-0.5
T44A Benton	22.86	7	P	P	14 14 10.1	-1.2
T45A Paducah	22.93	9	P	P	14 14 08.4	-3.7
T46A Princeton	23.08	11	P	P	14 14 12.7	-0.9
BNM Barret Site	23.14	331	eP	P	14 14 16.2	+1.6
S40A Lebanon	23.15	1	P	P	14 14 13.5	-0.9
S41A Jillico Farms,	23.17	3	P	P	14 14 13.1	-1.4
S38A Stoton	23.18	359	P	P	14 14 12.1	-2.6
T47A Sharon Grove	23.18	12	P	P	14 14 12.2	-2.5
Y22D IRIS PASCALL I	23.22	330	P	P	14 14 14.7	-0.6
Y22D IRIS PASCALL I	23.22	330	eP	P	14 14 17.7	+2.4
Y22E IRIS PASCALL I	23.22	330	P	P	14 14 13.8	-1.5
S39A Bolivar	23.23	360	P	P	14 14 13.0	-2.2
LPM Los Pinos Moun	23.28	331	eP	P	14 14 17.2	+1.3
S43A Fulton Ridge,	23.28	6	P	P	14 14 13.1	-2.6
KM3C Kings Mountain	23.29	25	P	P	14 14 12.0	-3.8
KM3C Kings Mountain	23.29	25	eP	P	14 14 13.6	-2.2
S37A Fort Scott	23.35	357	P	P	14 14 14.9	-1.5
S36A Lake Cedric, C	23.36	355	P	P	14 14 15.3	-1.2
S35A Otter Creek Ua	23.39	354	P	P	14 14 13.8	-3.0
S42A Caledonia	23.41	5	P	P	14 14 14.1	-2.9
T48A Bowling Green	23.46	14	P	P	14 14 13.2	-4.2
S34A Willow Spring</						

HDIL	Hopedale	26.32	7	eP	P	14 14 41.2	-2.5
N41A	Harden Midland	26.33	4	P	P	14 14 42.2	-1.6
N38A	Joos South For	26.33	360	P	P	14 14 41.5	-2.4
N36A	Muff Farm, Cla	26.40	357	P	P	14 14 43.0	-1.4
N39A	Derby Farms, D	26.43	1	P	P	14 14 42.5	-2.1
N40A	Mertquake, Sal	26.46	3	P	P	14 14 43.8	-1.2
N35A	Tabor	26.49	356	P	P	14 14 44.4	-0.8
N42A	Yates City	26.51	5	P	P	14 14 43.9	-1.6
MVCO	Mesa Verde	26.52	332	eP	P	14 14 45.8	0.0
MVCO	Mesa Verde	26.53	332	eP	P	14 14 47.6	+1.7
N34A	Lincoln	26.53	354	P	P	14 14 44.2	-1.4
N33A	J Bar K, Exete	26.54	353	P	P	14 14 45.5	-0.2
WUAZ	Wupatki	26.65	325	P	P	14 14 47.5	+0.6
WUAZ	Wupatki	26.65	325	eP	P	14 14 45.5	-1.5
Q24A	Divide	26.67	339	eP	P	14 14 47.6	+0.3
Q24A	Divide	26.67	339	eP	P	14 14 48.5	+1.1
N44A	Piper City	26.71	9	P	P	14 14 45.5	-1.6
N43A	Stutzman Famil	26.71	7	P	P	14 14 45.5	-1.7
M37A	Trindle Farm	26.75	359	P	P	14 14 48.1	-1.3
M38A	Pleasantville	26.96	0	P	P	14 14 48.4	-1.1
M40A	Post Highland	26.99	3	P	P	14 14 48.3	-1.4
M41A	Milan	27.01	4	P	P	14 14 49.0	-1.0
M36A	Felix, Anita	27.03	357	P	P	14 14 49.2	-0.9
N46A	Monticello	27.03	11	P	P	14 14 48.1	-2.0
M39A	Webster	27.03	2	P	P	14 14 48.3	-1.8
GLA	Glamis	27.07	317	P	P	14 14 51.1	+0.5
M35A	Neola	27.09	356	P	P	14 14 50.1	-0.5
M42A	Sheffield	27.16	6	P	P	14 14 49.7	-1.6
M34A	Aspy Farms, Fr	27.20	354	P	P	14 14 49.9	-1.7
M43A	Waltham Townsh	27.23	7	P	P	14 14 50.2	-1.7
Y12C	Blythe	27.31	319	P	P	14 14 52.5	-0.2
PV01	Paradox Valley	27.31	333	eP	P	14 14 54.9	+1.9
M33A	Taylor Creek F	27.33	353	P	P	14 14 52.0	-0.8
M45A	Boilermakers S	27.42	10	P	P	14 14 52.5	-1.1
PDMOI	Parker Dam, Lak	27.43	320	P	P	14 14 52.5	-1.2
SCIA	State Center	27.45	360	P	P	14 14 52.9	+0.9
PV05	Paradox Valley	27.50	332	eP	P	14 14 56.0	+1.4
SMCO	Snowmass	27.53	336	eP	P	14 14 56.6	+1.5
OGNE	Ogallala	27.58	345	P	P	14 14 53.2	-2.0
ISCO	Idaho Springs	27.58	339	P	P	14 14 53.7	-1.7
ISCO	Idaho Springs	27.58	339	eP	pmax	14 14 56.4	+0.9
ISCO	Idaho Springs	27.58	339	eP	pmax	14 14 56.4	+0.9
L34A	Svendsen Farm,	27.64	355	P	P	14 14 53.6	-2.0
SWSC	Sam W. Stewart	27.65	316	P	P	14 14 54.6	-1.1
L40A	Anamosa	27.66	3	P	P	14 14 53.6	-2.1
L36A	Harm Buss Farm	27.67	358	P	P	14 14 54.3	-1.6
PV04	Paradox Valley	27.67	333	P	P	14 14 56.8	+0.6
L38A	Oak Wood Farm,	27.68	0	P	P	14 14 52.6	-3.3
L39A	Vinton	27.68	2	P	P	14 14 51.7	-4.2
IKP	In-Ko-Pah, Jac	27.69	315	P	P	14 14 55.3	-0.9
L42A	Oliver, Polo	27.71	6	P	P	14 14 54.5	-1.7
L41A	Preston	27.71	4	P	P	14 14 53.4	-2.8
L35A	Bielow Farm, R	27.73	356	P	P	14 14 54.6	-1.8
W13A	Hualapai Mount	27.80	322	eP	P	14 14 59.1	+1.8
U15A	North Rim	27.82	326	eP	P	14 14 59.5	+1.9
BC3	Big Chukawall	27.85	317	P	P	14 14 57.6	-0.1
L32A	Elgin	27.86	352	P	P	14 14 56.4	-1.1
IRM	Iron Mountain	27.96	319	P	P	14 14 59.4	+0.7
NEE2	Needles Airpor	28.03	320	P	P	14 14 59.2	0.0
MONP2	Monument Peak	28.04	315	P	P	14 14 59.9	+0.4
L44A	Lake County Fo	28.09	8	P	P	14 14 59.2	-0.4
K36A	Gilmore City	28.20	358	P	P	14 14 59.4	-1.2
K41A	Shultsburg	28.26	5	P	P	14 14 59.9	-1.2
K39A	Olwein	28.27	2	P	P	14 14 59.9	-1.2
K40A	Colesburg	28.30	3	P	P	14 15 00.2	-1.2
K37A	Belmond	28.31	359	P	P	14 14 59.1	-2.4
K35A	Storm Lake	28.31	357	P	P	14 14 59.2	-2.4
K33A	Hardington	28.33	354	P	P	14 14 59.8	-2.0
K34A	Le Mars	28.33	356	P	P	14 15 00.0	-1.7
BELC	Belle Mtn. Jos	28.42	317	P	P	14 15 01.5	-1.3
XPFO	Piacion Flat	28.49	316	eP	P	14 15 05.0	+1.6
PFO	Pinyon Flats O	28.49	316	P	P	14 15 04.5	+1.1
PFO	Pinyon Flats O	28.49	316	eP	pmax	14 15 04.9	+1.5
PFO	Pinyon Flats O	28.49	316	eP	pmax	14 15 04.9	+1.5
K32A	Verdigre	28.50	353	P	P	14 15 01.8	-1.4
K42A	Prairie Point,	28.51	6	P	P	14 15 00.8	-2.5
K31A	O'Neill	28.57	351	P	P	14 15 01.9	-2.0
JFWS	Jewell Farm	28.57	5	P	P	14 15 02.7	-1.2
JFWS	Jewell Farm	28.57	5	eP	pmax	14 15 01.4	-2.4
JFWS	Jewell Farm	28.57	5	eP	pmax	14 15 01.4	-2.4
N23A	Red Feather La	28.67	340	P	P	14 15 03.6	-1.6
N23A	Red Feather La	28.67	340	eP	P	14 15 06.3	+1.1
GMRC	Granite Mounta	28.69	319	P	P	14 15 05.6	+0.3
LCMT	Little Creek M	28.77	325	eP	P	14 15 07.3	+1.4

O20A	White River Ci	28.86	336	P	P	14 15 07.7	+1.0
O20A	White River Ci	28.86	336	eP	P	14 15 06.9	+0.2
J38A	West Dairy, R	28.86	1	P	P	14 15 04.7	-1.8
PHWY	Pilot Hill	28.88	341	eP	P	14 15 07.5	+0.5
J36A	Seneca I, Swea	28.88	358	P	P	14 15 04.9	-1.8
N54A	Moraine State	28.90	2	P	P	14 15 04.9	-2.0
J39A	Decorah	28.90	2	P	P	14 15 05.6	-1.2
MTPU	Mount Pierson	28.97	328	eP	P	14 15 09.4	+1.5
MURC	Murieta	28.98	316	P	P	14 15 08.3	+0.6
SRU	San Rafael Swe	28.99	331	eP	pmax	14 15 08.2	+0.3
SRU	San Rafael Swe	28.99	331	eP	P	14 15 08.2	+0.3
J40A	Soldiers Grove	29.01	4	P	P	14 15 05.6	-2.2
SZCU	Shurtz Canyon	29.11	326	eP	P	14 15 10.9	+1.9
Q16A	Cas Valley	29.14	330	eP	P	14 15 11.2	+2.0
HEC	Hector, Ludlow	29.15	318	P	P	14 15 09.1	-0.1
J32A	Parkton	29.18	353	P	P	14 15 07.9	-1.4
BBRC	Big Bear Solar	29.18	317	P	P	14 15 10.1	+0.4
J31A	Geddes	29.22	352	P	P	14 15 08.3	-1.4
CCUT	Cedar City	29.23	326	eP	P	14 15 11.9	+1.9
TUQ	Turquoise Moun	29.27	320	P	P	14 15 10.2	-0.1
P18A	Preston Nutter	29.28	332	eP	P	14 15 11.9	+1.3
MSU	Marysvale	29.32	329	eP	P	14 15 10.5	-0.4
MSU	Marysvale	29.32	329	eP	P	14 15 10.4	-0.4
P17A	Green Ranch,	29.38	322	eP	P	14 15 13.4	+2.0
ECSD	EROS Data Cent	29.42	355	eP	P	14 15 10.1	-1.3
ECSD	EROS Data Cent	29.42	355	eP	P	14 15 10.4	-1.0
I39A	Horton	29.43	2	P	P	14 15 10.2	-1.2
I35A	Creekview Farm	29.43	357	P	P	14 15 09.8	-1.8
I40A	Norwalk	29.51	4	P	P	14 15 10.4	-1.9
I36A	Fitzsimmons Fa	29.57	359	P	P	14 15 11.8	-0.9
I38A	Scanlan Farm,	29.59	1	P	P	14 15 11.1	-1.8
BFSC	Mount Baldy Ra	29.66	316	P	P	14 15 14.0	+0.2
I41A	Arkdale	29.73	5	P	P	14 15 11.7	-2.5
I33A	Coleman	29.74	355	P	P	14 15 12.3	-2.0
GSC	Goldstone, Bar	29.75	319	P	P	14 15 14.1	-0.4
SHOC	Shoshone, Teco	29.79	320	P	P	14 15 14.2	-0.6
RWWY	Rawlins	29.82	339	eP	P	14 15 16.2	+0.9
H37A	Diehard Farm, C	30.12	0	P	P	14 15 15.2	-2.4
H36A	Jessenland, He	30.12	359	P	P	14 15 16.1	-1.5
DECC	Green Verdugo	30.13	316	P	P	14 15 18.1	+0.3
PSUT	Pine Spring	30.21	327	eP	P	14 15 20.2	+1.5
H38A	Maiden Rock	30.22	1	P	P	14 15 16.4	-2.1
MPU	Maple Canyon	30.23	331	eP	P	14 15 20.3	+1.4
H40A	Chili	30.25	4	P	P	14 15 16.0	-2.8
H32A	Cotton Farm,	30.26	354	P	P	14 15 16.0	-2.8
H39A	Augusta	30.26	3	P	P	14 15 17.0	-1.9
H35A	Sunnyside Ranc	30.27	358	P	P	14 15 16.8	-2.1
H34A	Spellman Lake,	30.28	356	P	P	14 15 17.0	-2.0
H33A	Prehn Over Nor	30.37	355	P	P	14 15 18.0	-1.8
SUSD	Miller	30.38	352	P	P	14 15 18.5	-1.4
LRMC	Laurel Mtn Rad	30.42	318	P	P	14 15 20.7	+0.1
K22A	Casper	30.44	340	eP	P	14 15 20.9	+0.2
K22A	Casper	30.44	340	eP	P	14 15 21.5	+0.8
TPNV	Topopah Spring	30.46	322	P	P	14 15 22.2	+1.3
TPNV	Topopah Spring	30.46	322	eP	pmax	14 15 22.9	+2.0
TPNV	Topopah Spring	30.46	322	eP	pmax	14 15 22.9	+2.0
FURC	Furnace Creek,	30.52	320	P	P	14 15 21.5	+0.4
MPMC	Manual Prospec	30.65	319	P	P	14 15 21.6	-1.0
G38A	Ridgeland	30.73	2	P	P	14 15 21.1	-1.8
SPMN	Marine on St.	30.76	1	P	P	14 15 21.5	-1.8
SPMN	Marine on St.	30.76	1	eP	P	14 15 22.6	-0.7
G36A	St. Michael	30.78	359	P	P	14 15 21.6	-1.8
CTU	Camp Tracy	30.82	332	eP	P	14 15 24.4	+0.3
G34A	Benson	30.85	357	P	P	14 15 22.3	-1.7
DAC	Darwin (Calif)	30.85	319	eP	pmax	14 15 25.2	+0.7
DAC	Darwin (Calif)	30.85	319	eP	P	14 15 25.2	+0.7

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CLDR, CALDIRAN, GEVA, BASK, ADCV, etc.

MAN 23 14:39:46, 10.46N, 123.28E, h0km, mb3.5, ML2.2, MS1.7, Cebu. Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

DDA 23 14:56:35.6, 37.03N, 143.23E, h7km, ML3.1
ISC 23 14:56:36.9, 37.39N, 143.29E, h9km, ML2.7/4
CSEM 23 14:56:37.1, 37.13N, 143.27E, h5km, ML2.7, Error

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CUKT, HAKKARI, SIRT, etc.

MAN 23 15:02:47, 9.78N, 123.04E, h30km, mb3.7, ML2.5, MS2.0, IC, Negros. Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

MEX 23 15:14:49.1, 1.3, 14.43N, 93.25W, h16km, 142km, MD3.7
IDC 23 15:14:51.2, 5.7, 15.61N, 92.62W, h0km, mb3.4/2, Error

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like THIG, PCIG, CGIG, etc.

IDC 23 15:20:08.9, 4.1, 14.53N, 93.00W, h0km, mb3.9/2, Error
MEX 23 15:20:14.0, 6.1, 14.44N, 93.27W, h11km, 42km, MD3.9
ISC 23 15:20:10.9, 1.8, 14.55N, 01.9329W, 0.07, h10km, n8, Error

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like THIG, PCIG, CGIG, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CMIG, TXAR, YKA, INK, CMAR.

TAP 23 15:21:29.8, 22.06N, 120.35E, h48km, ML3.5, D
JMA 23 15:21:30.7, 0.1, 22.01N, 120.42E, h54km, 2km, M4.0
ISC 23 15:21:29.1, 2.0, 21.96N, 120.27E, 0.06, h52km, 9km, Error

Large table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TWP, WLCH, HEN, TSK, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SMLT, EGFH, EGFH, TYC, etc.

NIED 23 15:26:00, 42.10N, 142.40E, h59km, Mw4.1 Best double couple: M1.78000x1015 N1.1220.00000, S2.00000, T1.110.00000

JMA 23 15:26:38.0, 0.1, 42.04N, 142.45E, h68km, 2km, M4.1 Broadband fault plane solution: P waves: NP1: 25.00000, 876.00000, 195.00000

ISCJB 23 15:26:38.4, 0.2, 42.04N, 142.44E, 0.02, h74km, 1km, mb4.6/132 Error ellipse: s-maj=3.9km s-min=2.3km az=141.7

SKHL 23 15:26:39.5, 0.4, 41.98N, 142.52E, h85km, 4km, mb5.4/3, Error ellipse: s-maj=6.5km s-min=4.6km az=86.3

NEIC 23 15:26:40.0, 0.4, 42.04N, 142.48E, h75km, 3km, mb4.8/8.0 Error ellipse: s-maj=4.2km s-min=2.7km az=137.0

ISC 23 15:26:39.4, 0.6, 42.03N, 142.47E, 0.03, h68km, 5km, mb4.3/132, 14C-9D, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like JNBK, ERMO, ERMO, etc.

23d 15h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like Golovnino, Tuman, Lagunnoye, Yuzh-Kuril'sk, etc.

2012 FEB

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like Seymchan, HHC, SMY, YOJ, WHN, ULN, etc.

1244

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like MCK, RND, SEW, MDM, CCB, SML, etc.

AKASG Malin Array Be 46.42 300 P P 17.24 45.0 -0.6
comp=Z,0.3nm,0.4s,baz=46,slow=9.1,SNR=6.1
AKASG Malin Array Be 46.42 300 P pmax pmax 17.24 45.0 -0.6
AKASG comp=Z,1.0nm,0.5s

MEX 23 17:26:00.8-0.8,17.28N-92.37W,h70km±31km,MD4.0, Chiapas
Code Station Name Δ° AZ° Phase ID Time Res
TGIG 0.87 236 eP ISC h m s ISC
TGIG 17.26 16.4 -1.4 Pn
TGIG 17.40 32.0 -1.0 S

ISCJB 23 17:40:07.7-0.9,23.95N-103.122.42E,0.02,h7km±6km, Error ellipse: s-maj=4.3km s-min=2.4km az=169.9
JMA 23 17:40:08.3-0.3,23.91N-122.43E,h19km±5km, M2.3
TAP 23 17:40:09.6,24.01N,122.38E,h22km,ML2.9,C
ISC 23 17:40:08.6-1.3,23.94N-103.122.42E,0.02,h21km±4km, n44, e0562/75, Taiwan region

Code Station Name Δ° AZ° Phase ID Time Res
JYNG Yonagunijimaku 0.71 44 P S
ENLB Shoufeng 0.74 268 eP
ENLB baz=248 eS
ENAH Nanao 0.75 313 P Pb
ENAH baz=309 eS
ENAH baz=309 eS
TWD Chiawan 0.76 281 eP
TWD baz=275 eS
TWD baz=275 eS
YOJ Yonaguni jima 0.76 46 P S
ENA Nanau 0.78 309 P Pb
TWC Suao 0.84 323 P Pb
ESL Shilin 0.90 262 eP
ESL baz=245 eS
TWE Neicheng 1.03 319 eP
TWE baz=317 eS
ENTT Nioudou 1.04 312 eP
ENTT baz=309 eS
ENTT baz=309 eS
NTC Toucheng 1.06 330 eP
NNSB Datong 1.06 298 eP
NNSB baz=280 eS
NNSB baz=290 eS
WHF Hehuan Shan 1.07 281 eP
WHF baz=277 eS
NNS Nan Shan 1.07 298 eP
NNS baz=280 eS
EHY Hungye 1.08 247 eP
EHY baz=242 eS
OWD Renai 1.13 271 eP
OWD baz=266 eS
TWB1 Santiao Chiao 1.13 340 eP
CHGB Renai 1.14 276 eP
CHGB baz=259 eS
TIPB Shuangxi 1.16 333 eP
TIPB baz=331 eS
TIPB baz=331 eS
NWLW Wulai 1.18 316 eP
NWLW baz=313 eS
YHNB Yeheng 1.19 308 eP
NSK Sanguang 1.21 308 P
NSK baz=304 eS
FULB Full 1.26 235 eP
FULB baz=230 eS
WLF Wu-fen Shan 1.27 333 eP
WLF baz=331 eS
NWF Wufen Shan 1.28 333 eP
IRIF Iriomote-Funau 1.27 72 P S
IRIF baz=284 eS
HATJ Hateruma jima 1.28 84 P S
HATJ baz=284 eS
DPDB Guoxing 1.36 274 eP
SMLT Sun Moon Lake 1.38 268 eP
YM04 YM04 1.45 327 eP
LI0B Emei 1.46 299 P
LI0B baz=296 eS
ELDTW Nanjuang 1.46 299 eP
NSTD Lidau 1.48 240 eP
ELDTW baz=237 eS
JKRS Kuro-shima 1.49 78 P S
JKRS baz=258 eS
WJS Zhushan 1.54 266 eP
WJS baz=262 eS
TWQ1 Liyutan 1.55 286 eP
WNT Mingjian 1.58 268 eP
WNT baz=264 eS
CHNS Tsauling 1.62 258 eP
CHNS baz=243 eS
JIJ Ishigaki jima 1.64 75 P S
WDLH Douliu 1.73 262 eP
WDLH baz=258 eS
WTP Ta-pu 1.79 248 eP
WTP baz=244 eS
JISG Ishigakijima 1.85 69 P S
SLGT Liugu 1.87 240 eP
SLGT baz=228 eS
SGST Jiashian 1.88 243 eP
SGST baz=230 eS
CHN1 Nanshi 1.88 247 eP
CHN1 baz=244 eS
CHN1 baz=244 eS

BUZ 23 17:49:12.2-0.7,45.46N-26.44E,h10km±6km,MD2.1/2, 12C-2D, Error ellipse: s-maj=7.0km s-min=4.4km az=359.0, Romania

Code Station Name Δ° AZ° Phase ID Time Res
MLR Muntele Rosu 0.35 275 fP
MLR Muntele Rosu 0.35 275 fP
MLR Muntele Rosu 0.35 275 fP
MLR Plostina 0.42 21 fP
PLOS Plostina 0.42 21 fP
PLOS Plostina 0.42 21 fP
PLOS Plostina 0.42 21 fP
VRI Vrincoiaia 0.45 27 fP
VRI Vrincoiaia 0.45 27 fP
VRI Vrincoiaia 0.45 27 fP
DOPR Dopca 0.89 305 fP
DOPR Dopca 0.89 305 fP
DOPR Dopca 0.89 305 fP
DOPR Dopca 0.89 305 fP
VOIR Voir 0.98 269 fP
VOIR Voir 0.98 269 fP
VOIR Voir 0.98 269 fP
VOIR Voir 0.98 269 fP
TLB Topalu 1.44 127 fP
TLB Topalu 1.44 127 fP
TLB Topalu 1.44 127 fP
TIRR Tirusor 1.72 125 fP
TIRR Tirusor 1.72 125 fP

NEIC 23 17:59:18.8-2.0,18.02S-167.19E,h64km±16km,mb4.0/3, Error ellipse: s-maj=23.1km s-min=17.1km az=85.0
IDC 23 17:59:19.1-3.4,18.00S-167.13E,h66km±29km,mb3.8/5, mb1.4,1/8,mb1mx3.7/48,mbtmp4.2/8,ML4.1/3,MS3.3/11, Ms1.3.3/11,ms1mx3.1/36,Error ellipse: s-maj=30.2km s-min=21.6km az=78.0
ISC 23 17:59:11.7-1.3,18.31S-167.16E,0.2,h20km±n23, e194/20,mb4.0/8,MS3.9/VanuatU Islands

Code Station Name Δ° AZ° Phase ID Time Res
DZM Mont Dzumac 3.88 195 P Pb
DZM 9.7nm,0.3s,baz=326,slow=8.9,SNR=97 eS
DZM 1.5nm,0.3s,baz=131,slow=18,SNR=2.7 LR
DZM comp=Z,184nm,19.6s,baz=184,slow=38 LR
DZM Mont Dzumac 3.88 195 ePn Pb
DZM 32nm,0.3s eS
DZM 16nm,0.2s eS
DZM 177nm,24.5s eLR
DZM Mont Dzumac 3.88 195 ePn Pb
DZM 1.2nm,0.8s eS
HNR Honiara 11.51 319 P
CTA Charters Tower 20.20 262 P
CTA 0.1nm,0.3s,baz=90,slow=14,SNR=3.9 LR
CTA comp=Z,152nm,20.9s,baz=340,slow=35 LR
PMG Port Moresby 21.68 291 LR
PMG comp=Z,116nm,19.4s,baz=114,slow=32 LR
STKA Stephens Creek 27.03 235 P
STKA 13nm,0.9s,baz=50,slow=8.6,SNR=25 eP
STKA Stephens Creek 27.03 235 eP
RAR Rarotonga 30.85 101 LR
RAR comp=Z,44nm,18.9s,baz=256,slow=36 LR
WR1 Warramunga Arr 31.40 262 eP
WR1 27nm,1.8s eS
WRA Warramunga Arr 31.40 262 P
WRA 1.3nm,0.8s,baz=92,slow=9.3,SNR=16 LR
WRA comp=Z,58nm,19.8s,baz=20,slow=37 LR
AS31 Alice Springs 31.82 255 eP
ASAR Alice Springs 31.82 255 P
ASAR 3.1nm,0.8s,baz=77,slow=8.9,SNR=44 LR
ASAR comp=Z,132nm,19.2s,baz=101,slow=35 LR
GUMO Guam 38.80 323 LR
GUMO comp=Z,8.7nm,21.5s,baz=162,slow=35 LR
SIJI Sorong 39.52 292 LR
SIJI comp=Z,47nm,18.4s,baz=68,slow=36 LR
FITZ Fitzroy Crossi 39.76 264 P
FITZ 3.9nm,1.0s,baz=144,slow=8.7,SNR=4.3 LR
FITZ comp=Z,120nm,18.2s,baz=114,slow=35 LR
PPT2 Papeete2 40.72 96 eLR
BATI Baumata 43.21 275 LR
BATI comp=Z,44nm,20.6s,baz=127,slow=34 LR
CMR Chiang Mai Arr 76.67 295 P
CMR 1.0nm,0.7s,baz=130,slow=4.2,SNR=10 P
ILAR Eielson Array 89.83 18 P
DAVOS Davos/Dischmat 146.18 332 PKPbc
DAVOS 3.9nm,0.9s,baz=14,slow=8.7,SNR=5.2 PKPbc
TORD Torodi Ar. Bea 165.46 251 PKP
TORD 0.8nm,0.9s,baz=121,slow=1.8,SNR=3.7 PKP
TOA1 Torodi Ar. Sit 165.46 251 ePKPpdf PKPpdf

IDC 23 18:02:37.5-1.8,5.64S-151.07E,h0km±66km,mb3.7/4, mb1.4/0.5,mb1mx3.5/48,mbtmp3.8/5,ML2.1/1, Error ellipse: s-maj=106.0km s-min=22.0km az=129.0, New Britain region

Code Station Name Δ° AZ° Phase ID Time Res
PMG Port Moresby 5.38 226 Pn
PMG 3.8nm,0.3s,baz=28,slow=9.0,SNR=13 S
PMG 18.05 01.1 -0.8 S
WRA Warramunga Arr 21.68 297 P
WRA 1.0nm,0.7s,baz=52,slow=10,SNR=11 P
ASAR Alice Springs 24.38 221 P
ASAR 1.3nm,0.8s,baz=54,slow=8.7,SNR=13 P
FITZ Fitzroy Crossi 27.75 241 P
FITZ 1.4nm,0.7s,baz=68,slow=11,SNR=3.8 P
ILAR Eielson Array 83.59 22 P
ILAR 0.9nm,0.7s,baz=245,slow=5.3,SNR=13 P
TORD Torodi Ar. Bea 148.91 286 PKPbc
TORD 0.9nm,0.6s,baz=75,slow=2.4,SNR=6.6 PKPbc

IDC 23 18:21:58.0-0.2,23.91N-122.42E,0.01,h6km±3km, Error ellipse: s-maj=2.9km s-min=2.2km az=161.6
TAP 23 18:21:58.2,23.98N-122.45E,h27km,ML3.2,C
JMA 23 18:21:58.0,0.2,23.94N-122.41E,h17km±4km, M2.6
ISC 23 18:21:58.0-1.3,23.92N-102.122.42E,0.02,h21km±4km, n72, e0564/126, Taiwan region

Code Station Name Δ° AZ° Phase ID Time Res
E0S1 E0S1 0.68 337 P Pb
E0S1 baz=326 eS
E0S1 baz=326 eS
JYNG Yonagunijimaku 0.71 42 P Pb
JYNG baz=266 eS

ENLB Shoufeng 0.75 269 eS
YOJ Yonaguni jima 0.76 45 P
YOJ baz=52 S
YOJ Yonaguni jima 0.76 45 P
ENAH Nanao 0.77 314 iP
ENAH baz=309 eS
TWD Chiawan 0.77 282 P
NANB Nanao 0.79 310 P
NACB Ninganchiao 0.80 289 P
ENA Nanau 0.80 309 P
ENA baz=305 S
TWC Suao 0.86 323 P
TWC baz=319 eS
ESL Shilin 0.91 264 P
ESL baz=260 eS
TWE Neicheng 1.05 319 P
TWE baz=316 S
ENTT Nioudou 1.06 313 P
ENTT baz=295 eS
ENTT baz=295 eS
NNSB Datong 1.07 298 P
NNSB baz=294 S
NTC Toucheng 1.07 330 P
NWC Hehuan Shan 1.08 282 P
WHF Hehuan Shan 1.08 282 P
WHF baz=266 eS
EHY Hungye 1.09 248 P
EHY baz=245 eS
NNS Nan Shan 1.09 299 P
NNS baz=295 eS
OWD Renai 1.14 272 eP
OWD baz=269 eS
CHGB Renai 1.15 277 P
TWB1 Santiao Chiao 1.15 340 P
TWB1 baz=355 eS
YULB Yu-li 1.16 243 eP
YULB baz=241 eS
TWF1 Yul 1.17 241 P
TWF1 baz=239 eS
TIPB Shuangxi 1.18 333 P
TIPB baz=330 eS
TWT Tachien 1.18 287 eP
TWT baz=271 eS
NWLW Wulai 1.20 316 eP
NWLW baz=312 eS
YHNB Yeheng 1.21 308 P
NSK Sanguang 1.23 308 P
NSK baz=292 eS
FULB Full 1.26 235 eP
FULB baz=222 eS
CHKT Chengkung 1.27 230 P
CHKT baz=228 eS
IRIF Iriomote-Funau 1.27 71 P S
HATJ Hateruma jima 1.27 84 P S
NWF Wu-fen Shan 1.28 333 eP
NWF baz=331 eS
TWA Mucha 1.30 324 eP
TWA baz=322 eS
DPDB Guoxing 1.37 275 eP
SMLT Sun Moon Lake 1.39 269 P
SMLT baz=272 eS
SANB Taian 1.39 290 eP
SANB baz=275 eS
TYC Yuchr 1.43 270 P
YM10 YM10 1.46 328 eP
YM04 YM04 1.47 327 eP
LI0B Emei 1.47 300 eP
LI0B baz=296 eS
NSTT Nanjuang 1.48 299 eP
NSTT baz=284 eS
ELDTW Lidau 1.48 241 eP
ELDTW baz=239 eS
JKRS Kuro-shima 1.49 77 P S
TWS1 Kuangyinshan 1.49 322 eP
TWS1 baz=320 eS
YM03 YM03 1.49 328 eP
ALS Alishan 1.54 255 eP
ALS baz=252 eS
WJS Zhushan 1.55 267 eP
WJS baz=264 eS
TWQ1 Liyutan 1.56 286 eP
TWQ1 baz=283 eS
WNT Mingjian 1.59 269 P
WNT baz=266 eS
WNT baz=266 eS
NMLH Miaoili 1.61 293 eP
NMLH baz=290 eS

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TCU Taichung, JIU Ishigaki jima, TWG Pinlang, etc.

IDC 23 18:22:35.6-1.9, 6.75S, 127.32E, h0km, mb3.1/1, mb1 3.5/5, mb1mx3.3/5.1, mbtmp3.4/5, ML3.3/4, Error ellipse: s-maj=55.5km s-min=26.1km az=78.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BATI Baumata, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

IDC 23 18:26:18.0-0.4, 29.165S, 176.13W, h0km, mb4.8/22, mb1 4.9/22, mb1mx4.8/39, mbtmp4.8/22, MS4.5/28, Ms1 4.5/28, ms1mx4.3/40, Error ellipse: s-maj=16.8km s-min=11.6km az=176.0

ISCJB 23 18:26:20.8-0.1, 29.45S, 0.03-176.17W, h0km, mb5.1/135, MS4.5/32, Error ellipse: s-maj=5.0km s-min=2.8km az=143.2

WEL 23 18:26:22.4-0.6, 29.15S, 176.13W, h33km, ML5.2/2 MOS 23 18:26:22.4-1.2, 29.15S, 176.18W, h33km, ms5.2/35, MS4.4/9, Error ellipse: s-maj=1.9km s-min=0.9km az=154.0

NEIC 23 18:26:23.5-2.0, 29.23S, 176.19W, h34km, 13km, mb5.1/101, Error ellipse: s-maj=7.0km s-min=4.5km az=160.0

GCMT 23 18:26:23.5-0.2, 29.16S, 175.85W, h12km, MW5.1/96, Moment Tensor Solution, s49.c64; s96.c137; Duration: 0 Moment tensor: Scale 10^16Nm; M-0.4, 4.0; 1.1; M0-0.29; 1.3; M00-4.69; 0.9; M1-0.60; 0.38; M00-0.32; 1.0; M1-1.23; 2.9; Best double couple: M0-4.76000/1016 N1-1.75.00000/853.00000/1-101.00000/ NP2: q=12.00000/838.00234/-76.00000/ Principal axes: T 4.8640, P1g7.0000/ Azm273.0000/ N -0.2050/ P1g9.0000/ Azm182.0000/ P -4.6550, P1g79.0000/ Azm43.0000/ nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

BUI 23 18:26:23.3, 29.24S, 175.72W, h49km, mb5.3/19, mb5.7/18, Ms5.3/8, Ms7.4/9.6

ISC 23 18:26:22.3-0.3, 29.38S, 0.05-176.13W, h0.04, h28km, n445, s1940/454, mb5.1/134, MS4.6/32, 5C-2D, Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like RAO Raoul Island, GLKZ Green Lake, RIZ Raoul Island, etc.

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like OXZ Oxford, RAR Rarotonga, DZM Mont Dzumac, etc.

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PCJI Pacitan, MAW Mawson, TGY Tagaytay City, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like NORARS Array, Kongsberg, Malin Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CONA Conrad Observa, MOA, ARSA, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MAT Matsushiro, MJB9 Matsu-Tunnel, ASAJ Asahikawa, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like YKA Yellowknife Ar, ARAO ARCESS Array S, AS01 Alice Springs, etc.

JMA 23 19:30:31.4±0.1, 39.01N±142.30E, h56km±1km, M3.7, Near east coast of eastern Honshu

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like MIYJ Ichinoseki, JMK JMK, JOM Ohasama, etc.

Code Station Name Azimuth Elevation Phase ID Time Residual

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like FROS Frosini, QLNO Quiliano, QLNO Quiliano, etc.

ISCJB 23 19:46:00.7±0.5, 7.52S±0.04E, 128.70E±0.05, h151km, mb3.1/1, Error ellipse: s-maj=7.5km s-min=5.6km az=32.2

Table with columns: ASAR, Alice Springs, 17.41 169 P, Pn, 22 21 09.5 +4.6, etc.

IGQ 23 22:28.32.3.0.9.3.S.12.18.0W.1.5, h12km, MLv4.2/7, Peru-Ecuador border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

DDA 23 22:30.36.5.39.62N.26.04E, h22km, M12.7

ISCJB 23 22:30.37.5.0.4.39.62N.0.02.26.06E.0.03, h7km, 4km, Error ellipse: s-maj=4.3km s-min=3.3km az=170.6

CSEM 23 22:30.37.7.0.0.39.61N.26.03E.1.0km, ML2.3, Error ellipse: s-maj=2.9km s-min=1.9km az=93.0

ATH 23 22:30.37.4.39.60N.26.06E, h27km, 1km, ML1.5/5, Error ellipse: s-maj=2.5km s-min=0.9km az=252.0

ISK 23 22:30.37.2.39.60N.26.14E, h5km, ML2.3/9

ISC 23 22:30.37.6.0.39.61N.0.02.26.07E.0.02, h9km, 7km, n45, c0.68/76, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

MAN 23 22:38:46, 10.46N, 123.28E, h6km, mb3.8, ML2.5, MS2.0, Cebu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

Table with columns: GUIM Jordan, 0.70 284 eP, Pb, 22 39 00.7 +0.1, etc.

MEX 23 22:49:47.5.0.5, 17.93N, 103.15W, h5km, 5km, MD4.0, Near coast of Michoacan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ISCJB 23 22:52:38.8.1.1.25.90N.0.06.128.57E.0.06, h26km, 8km, mb3.4/8, Error ellipse: s-maj=10.9km s-min=7.9km

az=26.3, IDIC 23 22:52:39.0.3.4.25.54N.127.59E, h0km, mb3.5/8, mb1.3.6/8, mb1mx3.3/70, mbtmp.3.5/8, Error ellipse: s-maj=21.7km s-min=18.4km az=66.0

JMA 23 22:52:40.1.0.4.25.92N.128.50E, h34km, M3.0, ISC 23 22:52:39.2.1.7.25.95N.107.128.52E.0.05, h18km, 6km, n15, c1910/20, mb3.5/8, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

IDC 23 22:52:48.7.2.9.31.21S.68.74W, h0km, mb4.1/2, mb1.3.9/3, mb1mx3.6/32, mbtmp.3.9/3, ML3.6/1, Error ellipse: s-maj=92.1km s-min=70.5km az=53.0

ISCJB 23 22:53:04.9.0.5.29.99S.0.03.68.63W.0.04, h115km, 6km, mb3.9/2, Error ellipse: s-maj=5.8km s-min=5.2km az=145.1

GUC 23 22:53:05.0.5.29.97S.68.92W, h150km, ML3.7, SJA 23 22:53:05.0.7.30.02S.68.62W, h108km, 5km, ML3.2, MW3.6

ISC 23 22:53:05.8.0.8.30.00S.0.04.68.63W.0.04, h110km, 8km, n23, c0.93/33, 2C-1D, San Juan Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

NIED 23 22:55:00.35.30N.141.20E, h26km, Mw4.1, Best double couple: Ms1.38000-1015, NP1.326.0000, 843.00000, 1.80.00000, NP2.6.57.00000, 890.00000, 7.47.00000

IDC 23 22:55:10.6.1.35.44N.141.55E, h0km, mb3.8/10, mb1.3.8/13, mb1mx3.6/75, mbtmp.3.7/13, ML3.5/3, MS3.2/9, Ms1.3.3/9, ms1mx3.0/66, Error ellipse: s-maj=27.4km s-min=17.5km az=75.0

ISCJB 23 22:55:12.6.0.6.35.29N.0.04.141.43E.0.06, h25km, mb3.8/13, MS3.5/5, Error ellipse: s-maj=7.6km s-min=6.2km az=174.9

JMA 23 22:55:15.3.0.1.35.33N.141.22E, h37km, 2km, M3.8, NEIC 23 22:55:15.9.0.6.35.47N.141.52E, h35km, mb4.2/3, Error ellipse: s-maj=15.7km s-min=11.0km az=208.0

ISC 23 22:55:14.5.0.8.35.31N.0.05.141.31E.0.08, h25km, n37, c1529/29, mb3.9/13, MS3.3/5, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

Table with columns: JHU, 17mm, 0.3s, baz=58, slow=15, SNR=4.7, etc.

ISCJB 23 22:52:24.9.0.7.26.59N.126.41E, h0km, mb3.7/13, mb1.3.8/13, mb1mx3.6/65, mbtmp.3.7/13, Error ellipse: s-maj=33.8km s-min=14.8km az=69.0

ISCJB 23 22:52:36.9.0.4.26.60N.0.06.126.47E.0.06, h15km, 5km, mb3.5/13, Error ellipse: s-maj=12.6km s-min=4.4km az=140.2

JMA 23 22:52:38.5.0.2.26.58N.126.47E, h104km, 3km, M3.3, ISC 23 22:52:37.9.0.8.26.63N.0.08.126.44E.0.07, h107km, 9km, n24, c0.72/36, mb3.4/13, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

IDC 23 22:52:24.9.0.7.26.59N.126.41E, h0km, mb3.7/13, mb1.3.8/13, mb1mx3.6/65, mbtmp.3.7/13, Error ellipse: s-maj=33.8km s-min=14.8km az=69.0

ISCJB 23 22:52:36.9.0.4.26.60N.0.06.126.47E.0.06, h15km, 5km, mb3.5/13, Error ellipse: s-maj=12.6km s-min=4.4km az=140.2

JMA 23 22:52:38.5.0.2.26.58N.126.47E, h104km, 3km, M3.3, ISC 23 22:52:37.9.0.8.26.63N.0.08.126.44E.0.07, h107km, 9km, n24, c0.72/36, mb3.4/13, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

IDC 23 22:52:24.9.0.7.26.59N.126.41E, h0km, mb3.7/13, mb1.3.8/13, mb1mx3.6/65, mbtmp.3.7/13, Error ellipse: s-maj=33.8km s-min=14.8km az=69.0

ISCJB 23 22:52:36.9.0.4.26.60N.0.06.126.47E.0.06, h15km, 5km, mb3.5/13, Error ellipse: s-maj=12.6km s-min=4.4km az=140.2

JMA 23 22:52:38.5.0.2.26.58N.126.47E, h104km, 3km, M3.3, ISC 23 22:52:37.9.0.8.26.63N.0.08.126.44E.0.07, h107km, 9km, n24, c0.72/36, mb3.4/13, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

23d 23h

Table with columns: TPTI, PWJ, CMAR, H0S2, H0S3, H0S1, WRA, ASAR, KSR5, SONM, MKAR, USRK, KURBB, KLR, ZALV, BVAR, TXAR. Each row contains station name, coordinates, and other parameters.

GEN 23 23:10:33.9, 43:72N; 10:48E, h2km, ML2.0
CSEM 23 23:10:33.6, 0.1, 43:70N; 10:38E, h5km, ML2.6/17, Error
ISCJJB 23 23:10:34.4, 0.3, 43:74N; 0:03, 10:40E; 0:03, h21km, 5km, Error ellipse: s-maj=4.7km s-min=2.8km az=25.9

ROM 23 23:10:34.0, 2.0, 43:75N; 10:43E, h9km, km1, MD2.3/17, M1.9/14, Error ellipse: s-maj=1.9km s-min=1.2km az=51.0
LDG 23 23:10:34.0, 0.1, 43:71N; 10:43E, h2km, ML2.5/5, Error ellipse: s-maj=3.0km s-min=1.8km az=124.0

ISC 23 23:10:33.9, 0.9, 43:74N; 0:02, 10:43E; 0:02, h15km, 6km, n56, c0611/101, Central Italy

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Mastiano, Bagni Di Lucca, Popiglio, Carmignano, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like La Foret Royal, Montbardon, La Moure, etc.

UCR 23 23:25:55.1±1.0, 10:34N; 85:82W, h35km, 67km, MD3.7, ML2.8, Costa Rica

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Acopya, Copaltepe, Motomombo, Cerro Negro, etc.

ISCJJB 23 23:33:26.8, 0.6, 16:45A; 0:2, 176:3W; 0:2, h300km, mb3.7/12, Error ellipse: s-maj=26.2km s-min=13.0km az=137.0

IDC 23 23:33:30.4, 6.5, 16:23S; 176:94W, h318km, 62km, mb3.5/11, mb1.3/7.12, mb1mmx3.6/40, mbtmp4.1/12, Error ellipse: s-maj=28.9km s-min=19.6km az=148.0

ISC 23 23:36:19, mb3.7/12, Fiji Islands region

Main station list table for the second section with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Mont Dzumac, Urewera, Stephens Creek, etc.

ISCJJB 23 23:35:24.7, 0.4, 38:02N; 0:02, 30:06E; 0:02, h9km, 3km, mb3.6/7, Error ellipse: s-maj=3.0km s-min=2.6km az=168.5

IDC 23 23:35:24.0, 2.0, 38:11N; 30:04E, h0km, mb3.7/7, mb1.3/6.13, mb1mx3.5/61, mbtmp3.6/13, ML3.3/6, Error ellipse: s-maj=18.6km s-min=14.8km az=139.0

DDA 23 23:35:24.6, 38:04N; 30:09E, h23km, ML3.6/39, ISK 23 23:35:24.4, 38:01N; 30:07E, h7km, ML3.6/39

CSEM 23 23:35:24.0, 1.7, 37:98N; 30:10E, h10km, ML3.6, Error ellipse: s-maj=3.1km s-min=2.6km az=91.0

ISC 23 23:35:25.0, 0.9, 38:03N; 0:02, 30:10E; 0:02, h9km, 7km, n163, c0899/196, mb3.4/7, 24C-10D, Turkey

Main station list table for the third section with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like AFYON_Kizoren, BURDUR-Merkez, Karahalli, etc.

Main station list table for the fourth section with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Elmali, Simav-Kutahya, Demirci, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Cape Leeuwin H, Cape Leeuwin H, Cape Leeuwin H, MAW Mawson, CMAR Chiang Mai Arr, ASAR Alice Springs, WRA Warramunga Arr, MKAR Makanchi Arr, KURBB Kurchatov Arr, SONMI Songoing Arr.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Arr, KURBB Kurchatov Arr.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GRIMS Grimsel Gerste, GRIMS Grimsel Gerste, GRIMS Grimsel Gerste, FIESA Fieschalp, FIESA Fieschalp, FIESA Fieschalp, FUSIO Fusio, CURA Stauanlagc Cun, NALPS Val Nalps, NALPS Val Nalps, CUNA Curaglia, CUNA Curaglia.

ISCJB 24 00:05:08.0.0.3, 43.25N.01:20.92E.0:02, h12km, 2km, Error ellipse: s-maj=2.6km s-min=2.2km az=170.9 CSEM 24 00:05:09.4.0.1, 43.22N.01:20.91E, h8km, ML2.7, Error ellipse: s-maj=2.4km s-min=2.3km az=110.0 BEO 24 00:05:09.8.0.3, 43.21N.02:09.5E, h9km, ML2, M2.7/1 SKO 24 00:05:10.1, 43.24N.02:09.5E, h12km THE 24 00:05:12.6, 43.06N.21.09E, h4km, 1km, ML2.3/2, Error ellipse: s-maj=1.8km s-min=0.9km az=278.0 ISC 24 00:05:09.5.0.8, 43.23N.0:02.20.92E.0:02, h11km, 6km, n106, r093/164, 27C-2D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SELS Selova, SMRK Smrekonicc, GRUS Gruza, SJES Sjenica, BOVS Bovan, PEJK Peje, BARS Barje, ZATK Zatriq, BEV Berane, SVIS Svlajnac, TRUS Trudelj, DIVS Divibare, ZAGS Zajecar, ZAPS Zavo, KUBS Kucevo, SKO Skopje, PDG Podgorica, DRME Dracevica, MDRV Moldovita, TEKS Tekeris, HAPS Han Pijesak, BRY Bratogost.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BRY Vitosha, VTS Vitosha, DJES Djerdap, KRUS Krusevo, HGV Hercul Gori, FGSL Fruska Gora, FRGS Fruska Gora, BIA Bitola, STON Ston, STON Ston, STON Ston, BZS Buzias, BZS Buzias, BZS Buzias, FNA Florina, FNA Florina, FNA Florina, FNA Florina, GRG Griva, GRG Griva, KNT Kendrick, KNT Kendrick, NVR Nevrokopi, NVR Nevrokopi, SRS Serrai, SRS Serrai, LOT Lotru, LOT Lotru, LOT Lotru, BLY Banja Luka, MORH Mor'ir, jg, Hung MORH MORH, ARR Arges, ARR Arges, ARR Arges, VOIR VOIR, VOIR VOIR, DRGR DRGR, DRGR DRGR, UDBI Udbina, UDBI Udbina, BEHE Becsehely, BEHE Becsehely, BEHE Becsehely, NVLJ Novalja, NVLJ Novalja, KOGS Kog, KOGS Kog, CRGES Cresnejev, PSZ Piszkesteto, PSZ Piszkesteto, PSZ Piszkesteto, PSZ Piszkesteto, CEY Cerkyna, VYHS Vyhne, VYHS Vyhne, ARSZA Arzberg, ARSZA Arzberg, ARSZA Arzberg, OBKA Obir, OBKA Obir, OBKA Obir, MYKA Terra Mystica, MYKA Terra Mystica, MOA Mollin, MOA Mollin, MOA Mollin, MOA Mollin, KBA Koelnbreinsper, KBA Koelnbreinsper, KBA Koelnbreinsper, ABTA Abfaltersbach, ABTA Abfaltersbach, MOTA Moosalm, MOTA Moosalm, RETA Reutte, RETA Reutte, RETA Reutte.

NIED 24 00:05:00.35.20N.129.90E, h8km, Mw3.8 Best double couple: M6.65000.1019 NP1=320.00000°, 852.00000°, λ-171.00000°. NP2=ψ135.00000°, δ83.00000°, λ-39.00000°. ISCJB 24 00:05:31.9.0.4, 35.11N.0:03.129.91E.0:04, h10km, mb3.3/6, MS2.9/2, Error ellipse: s-maj=5.4km s-min=3.8km az=37.5 JMA 24 00:05:31.6.0.1, 35.17N.129.85E, h21km, 3km, M3.8 KMA 24 00:05:32.1.2.7, 35.21N.129.93E, h12km, 11km, Error ellipse: s-maj=19.8km s-min=10.8km az=123.0 IDC 24 00:05:32.5.1.1, 34.13N.130.08E, h8km, mb3.3/6, Ms1 2.8/6, ms1mx3.4/70 mbtmp3.4/6, ML3.4/2, MS2.7/6, Ms1 2.8/6, ms1mx2.5/39, Error ellipse: s-maj=33.1km s-min=17.2km az=54.0 ISC 24 00:05:33.0.0.7, 35.09N.0:03.129.89E.0:04, h10km, n26, r180/30, mb3.3/6, 6C, South Korea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KSBUS Busan, JTU Tshushima, KUSUN Ulsan, KSDAG Daegu, KSDAG Daegu, KSDAG Daegu, KSVOC YEONGCHEON, JTYG Yeongcheon, JTY JTY, JJI Iki, KSJLJ Jinju, KSJLJ Jinju, JHT Toyohira, JHT Toyohira, JNU Nakatsue, JNU Nakatsue.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JNU, J22 ShimaneMisato, JHM Kurahashi, JHS Saijiyo, KRSR Korea Array, KRSR Korea Array, KRSR Korea Array, MJAR Matushiro Arr, MJAR Matushiro Arr, USRK Ussuriysk Arr, USRK Ussuriysk Arr, KLR Kud'ur, KLR Kud'ur, SONY Songoing Array, SONY Songoing Array, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, ZALV Zalesovo Beam, ZALV Zalesovo Beam, MKAR Makanchi Arr, MKAR Makanchi Arr, KURBB Kurchatov Arr, KURBB Kurchatov Arr, WRA Warramunga Arr, WRA Warramunga Arr, YKA Yellowknife Arr, YKA Yellowknife Arr.

IDC 24 00:20:42.8.1.1, 28.10N.66:29E, h0km, mb3.3/7, mb1 3.5/8, mb1mx3.3/73, mbtmp3.4/8, ML3.0/1, Error ellipse: s-maj=34.7km s-min=23.7km az=129.0 ISCJB 24 00:20:45.8.0.8, 28.1N.0:1.66.2E.0:2, h33km, mb3.2/7, Error ellipse: s-maj=26.4km s-min=13.8km az=44.2 ISC 24 00:20:47.5.0.9, 28.1N.0:2.66.1E.0:2, h35km, n8, r183/93, mb3.2/7, Pakistan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WSAR Wadi Sarin, WSAR Wadi Sarin, MKAR Makanchi Arr, MKAR Makanchi Arr, KURBB Kurchatov Arr, KURBB Kurchatov Arr, BVAR Borovoye Arr, BVAR Borovoye Arr, SONMI Songoing Array, SONMI Songoing Array, Torodi Arr, Torodi Arr, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs.

ISK 24 00:31:10.5, 38.72N.43:22E, h5km, ML2.2/3 CSEM 24 00:31:11.3.0.2, 38.72N.43:22E, h10km, ML2.2, Error ellipse: s-maj=6.1km s-min=4.5km az=139.0 DDA 24 00:31:11.7, 38.69N.43:22E, h7km, ML2.5 ISC 24 00:31:11.7.0.9, 38.73N.0:03.43:21E.0:03, h11km, 8km, n20, r081/38, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like VANB Van, VANB Van, VANB Van, TVAN Van, TVAN Van, TVAN Van, VMUR Van-Muradiye, VMUR Van-Muradiye, VMUR Van-Muradiye, ADCV Bitlis Adilcev, ADCV Bitlis Adilcev, ADCV Bitlis Adilcev, GEVA Gevas, GEVA Gevas, GEVA Gevas, CLDR Caldiran, CLDR Caldiran, CLDR Caldiran, CLDR Caldiran, AGRB Hanur-Agry, AGRB Hanur-Agry, AGRB Hanur-Agry, GURD Guroymak-BITLI, GURD Guroymak-BITLI, SRTM Siirt_Merkez, SRTM Siirt_Merkez, SRTM Siirt_Merkez, SRTM Siirt_Merkez.

ISCJB 24 00:31:58.8.0.4, 23.98N.0:03.122:56E.0:02, h18km, 4km, Error ellipse: s-maj=4.4km s-min=2.4km az=170.7 JMA 24 00:31:58.9.0.2, 23.95N.122:56E, h29km, 4km, M2.3 TAP 24 00:32:00.4, 24:02N.122:52E, h46km, 1km, ML3.2, D ISC 24 00:31:57.1.1, 23.98N.0:03.122:58E.0:02, h15km, 9km, n44, r057/81, Taiwan region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like YONG Yonagunijimaka, YONG Yonagunijimaka, YOJ Yonagunijima, YOJ Yonagunijima, ENAH Nanac, ENAH Nanac, ENAH Nanac, ENA Nanau, ENA Nanau, TWD Chiawan, TWD Chiawan, TWD Chiawan, TWC Suao, TWC Suao, TWC Suao, ESL Shilin, ESL Shilin, EGFH Guangfu, EGFH Guangfu, NTC Toucheng, NTC Toucheng, NTC Toucheng, IRIF Iriomote-Funau, IRIF Iriomote-Funau, IRIF Iriomote-Funau, TWE Neicheng, TWE Neicheng, TWE Neicheng, HATJ Hateruma Jima, HATJ Hateruma Jima, ENTU Nioudou, ENTU Nioudou.

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Table with columns for station name, frequency, power, and various signal quality metrics (P, S, N, etc.). Rows list stations like BAYC CANAKKALE, BAYC Gvkgcada, GADA Gvkgcada, etc., up to SMG Samos.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Columbia Colle, Pinon Flats, Trinity Center, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Abilene, Hawley, Edmonton, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Sankt Quirin, Mount Meron Arr, etc.

GUC 24 02:06:30.4-0.5, 24*04S:67.36W, h216km, z1km, ML4.3, 5C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like IPOC Station P, Antofagasta, etc.

CSEM 24 02:20:54.0, 38*71N:30*38E, h8km, ML2.2, ISK 24 02:20:53.9, 38*71N:30*38E, h8km, ML2.2/6, Turkey

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Suhut-Afyon, Tavsani, etc.

IDC 24 02:32:18.0-0.8, 12*33N:143*80E, h0km, mb3.9/12, mb1.4/0.12, mb1mx3.8/55, mbmt3.9/12, MS3.7/2, Ms1.3/7.2, ms1mx3.0/60, Error ellipse: s-maj=25.3km s-min=16.6km az=114.0

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SUHUT, Tavsani, etc.

NEIC 24 02:32:19.5-7.1, 12*30N:143*80E, h12km, z45km, mb1.4/4, Error ellipse: s-maj=20.3km s-min=10.2km az=101.0, ISCJ 24 02:32:20.0-0.5, 12*28N:0.08:143*7E:0.1, h27km, NMTA Array Bea 88.46 51 P, Error ellipse: s-maj=16.0km s-min=8.3km az=32.9

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SUHUT, Tavsani, etc.

ISC 24 02:32:21.8-0.7, 12*3N:01*143*9E:0.1, h27km, n25, a099N/22, mb4.1/17, South of Maricao Islands

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WAKE ISLAND, WAKE ISLAND, etc.

IDC 24 02:39:54.8-4.3, 42*29S:88*08E, h0km, mb4.1/4, mb1.4/0.22, mb1mx3.7/52, mbmt3.4/14, MS4.0/22, Ms1.4/0.22, ms1mx3.7/53, Error ellipse: s-maj=124.0km s-min=38.5km az=25.0, ISCJ 24 02:39:56.8-0.8, 42*0S:02*88*1E:0.2, h17km, mb4.3/7,

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Table with columns: Station, Frequency, Class, Power, and other technical details. Includes stations like CN2 Changchun, WFOR Wild Horse Val, ZAIG Zacatecas, etc.

Table with columns: KMI, Frequency, Class, Power, and other technical details. Includes stations like REDW Red Top Meadow, TPAW Tetapass, CM01 Chiang Mai Arr, etc.

Table with columns: Station, Frequency, Class, Power, and other technical details. Includes stations like MAKZ Makanchi, KSH Kashi, TPAW Tetapass, etc.

24d 2h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like APLL, RTLS, CPUP, and various local news and information channels.

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Table listing radio stations with call letters, frequencies, and power levels. Includes stations like W39A, S48A, X37A, and various country and rock stations.

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Table listing radio stations with call letters, frequencies, and power levels. Includes stations like P40A, N44A, O41A, and various country and rock stations.

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes entries like 4H2A Shiocton, I39A Houston, K35A Storm Lake, etc.

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes entries like GMRC Granite Mounta, D33A AnnSam, P17A Butcher Ranch, etc.

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes entries like PAHR Pah Rah Range, SCHO Schefferville, SCHO Schefferville, etc.

24d 3h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BBOO Buckleboo, SONM Sogino Array, KSH Kashi, etc.

KRNET 24 03:03:07.9.0.1, 39.94N:71.96E, h1km, mb3.6
SOME 24 03:03:11.4, 40.00N:72.07E, h5km
NMC 24 03:03:11.2.1.2, 39.94N:72.07E, h0km, mb3.6, mpv3.4,
Error ellipse: s-maj=12.4km s-min=5.0km az=18.0
ISC 24 03:03:10.3.2.0, 39.7N:01.72W:0.05, h3km, mb15km, n42,
c:25155,37C-11D, Kyrgyzstan

Main table of station data for 24d 3h, including stations like SFK Suffi-Kurgan, ARSB Arslanbob, TOKL Toktogul, etc.

2012 FEB

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KST 1.7nm,0.2s, DGS Degeres, etc.

ISCJJB 24 03:05:40.1.0.2, 6.78N:0.03:73.03W:0.03, h157km, 2km,
mb4.2/48, Error ellipse: s-maj=5.8km s-min=3.4km
az=32.3
NEIC 24 03:05:40.7.0.4, 6.70N:72.89W, h155km, 4km, mb4.4/40,
Error ellipse: s-maj=8.4km s-min=5.2km az=118.0
NEIC Felt at Tunja.
IDC 24 03:05:41.6.1.2, 6.81N:72.98W, h157km, 11km, mb3.7/10,
mb1.4/0.14, mb1mx3.6/48, mbtmp4.3/14, Error ellipse:
s-maj=17.0km s-min=12.5km az=151.0
RSNC 24 03:05:43.3.0.9, 6.77N:73.18W, h138km, 4km, ML4.1,
M4.3

Main table of station data for 2012 FEB, including stations like BARC Barichara, GIRC Giron, PAMC Pampiona, etc.

1270

Main table of station data for 1270, including stations like 455A Stateville, 251A Midway, 250A Grady, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Caledonia, French Village, Red Bud, Green Forest, Mansfield, Jillico Farms, Meyer Farm, Rosedale, Graceland, Cathedral Cave, Luebbering, Sheridan, Clever, New Douglas, Lebanon, Rosebud, Golden Eagle, Abilene, Las Campanas, Leonard, Lafayette, Diamond, Potomac, Bolivar, Maddies Statio, Skaggs, Pawnee, Truxton, Stockton, Monticello, Winchester, Cheneyville, Chumby Stover, Laux Farm, Fenwick Farm, Barry, Lajitas Array, Lajitas Ar. Si, Wmoka, Fort Scott, Hopedale, Willow Grove, Paris, Sooner Cattle, Passleys Farm, Cooks Store, Salisbury, Yates City, La Belle, McClaskey Farm, Longview Farm, Harden Midland, Dawn, Milan, Lathrop, Galt, Oliver, Polo, Menger Eighty, Post Highland, Wolfen Farm, Good Intent, Joes South For, Preston, Kansas State U, Chapman, Duane Minner, Anamosa, Lee Farris, Pleasantville, Natural Harves, Vinton, Walnut Farm, Cornudas Mount, Cornudas Mount, Jewell Farm, Jewell Farm, Colesburg, Langenfeld Bro, Loganville, Oak Wood Farm, Delwein, Tabor, Draeger Farm.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Soldiers Grove, Windswright, Hebron, Decorah, Arkdale, Cedar Bluff, Cedar Bluff, Neola, Harm Buss Farm, Belmont, Houston, Junction City, Wallace, Aspy Farms, Mountain, Rectus Farm, Chili, Svendsen Farm, Big Bay de Noc, Antigo, Scanlan Farm, Flat Rock, Storm Lake, Rib Lake, Le Mars, Three Lakes, Hoskins, Holcombe, George, Ridgeland, Park Falls, State Highway, Loretta, Verare, Marine on St., Davis, Wakefield, EROS Data Cent, Mellen, Pierce - Schro, O'Neill, Parkston, Warnings, Great Sand Dun, Great Sand Dun, Spellman Lake, Milaca, Kireya and Nic, Swanville, Carlson Farm, McGregor, Ortonville, Alexandria, Grand Marais, Cotton, Wolsey, Sawbill Land, Pequot Lakes, Goodland, 5 Mile Ranch, Miller, Webster, Ely, Ely, Embarrass, Idaho Springs, Idaho Springs, Reme, Conde, Pine Crest Far, Mesa Verde, RKU Ranch, Westby DABS, Park Rapids, Jirik Farms, Hecla, Organ Pipe Nat, AnnSam, Waubun, RKU Ranch, Lo Mia Camp, Red Feather L, Red Feather L, Littlefor, Dogwood Acres, Trail.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like WUAZ, Aery, Baudette, C32A, Robert and Kas, Agassiz Nation, Agassiz Nation, Wickenburg, White River Ci, Landman Farms, Black Hills, Ashes, Strandg, Landman Farms, North Rim, Rocking H Ranch, Greenbush Farm, Lac du Bonnet, Lac du Bonnet, Pinedale Array, Pinedale Array, Pinedale Array, Schefferville, Toone Canyon, Dugway, Tooele, Dugway, Tooele, Lasa Array, Big Grassy Mtn, Dagmar, Red Top Meadow, Moose Ponds, Red Top Meadow, Fox Creek, Troy Canyon, Fort Macarthur, Grant Village, Edwards Air Fo, Holmes Hill, Bozeman, Bozeman, Halley, Halley, Mina Array, Eagleton, Camas Ranch, Flin Flon, Wild Horse Val, Pilot Rock, Macdoel, Fort Rock, Yreka Blue Hor, Edmonton, Yellowknife, Dimboko, Palmer Station, Inuvik, Inuvik, Torodi Ar, Eielson, Kashi, Kashi, Kashi, Kashi, Kashi, Chengdu, Alice Springs, Tennant Creek, Warramunga, Warramunga.

MEX 24 03:05:45.0±0.4, 19:55N×104:48W, h81km, 9km, MD3.6, Near coast of Jalisco. Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CJM, EZSV, MMIG, SAR, SAR, GUMO, GUMO.

24d 4h

Table of station data for 24d 4h, including station names like GUMO, GUMG, CBJJ, etc., and their associated coordinates and parameters.

2012 FEB

Table of station data for 2012 FEB, including station names like CHGN, ZALV, MK01, etc., and their associated coordinates and parameters.

1272

Table of station data for 1272, including station names like PSUT, DUG, TPWA, etc., and their associated coordinates and parameters.

MEX 24 03:38:53.2,0.9,14:11N:93:39W, h18km±191km, MD3.9, Near coast of Chiapas

Table of station data for MEX 24 03:38:53.2,0.9,14:11N:93:39W, h18km±191km, MD3.9, Near coast of Chiapas.

ISK 24 03:43:59.3,38:73N:43:35E, h2km, ML2.3/5

ISCJB 24 03:44:00.8,0.4,38:74N:02:43:35E,0.04, h11km±4km, Error ellipse: s-maj=5.5km s-min=3.6km az=3.0

CSEM 24 03:44:00.2,0.2,38:73N:43:35E, h5km, ML2.3, Error ellipse: s-maj=5.4km s-min=3.9km az=101.0

DDA 24 03:44:00.6,38:72N:43:39E, h7km, M3.1

ISC 24 03:44:01.3,0.8,38:71N:02:43:39E,0.03, h17km±5km, n32, e194/54, Turkey

Table of station data for MEX 24 03:51:43.5,0.5,14:03N:93:40W, h15km±191km, MD3.5, Near coast of Chiapas.

MEX 24 03:51:43.5,0.5,14:03N:93:40W, h15km±191km, MD3.5, Near coast of Chiapas

Table of station data for MEX 24 03:51:43.5,0.5,14:03N:93:40W, h15km±191km, MD3.5, Near coast of Chiapas.

NIED 24 04:10:00,36:00N,140:10E, h65km, Mw4.3 Best double couple: Ms3.6700x1015 NPT1=185.00000, s29.00000, 7.94,00000; NPT2=0.00000, s61.00000; s88.00000; BJJ 24 04:10:27.4,35:78N:140:59E, h69km, mb4.7/45, mb4.9/27, Ms4.6/10, Ms7.4/38

JMA 24 04:10:34.6,0.1,35.99N;140.08E,h63km;1km,M4.2
Broadband fault plane solution: P waves. NP1:
p=356.00000°,s=668.00000°,t=1.76.00000°. NP2:
p=211.00000°,s=826.00000°,t=1.22.00000°. Principal axes:
Azm24.00000°,P Plg24.00000°,Azm243.00000°,N Plg13.00000°,
Azm2.00000°,P Plg22.00000°,Azm97.00000°;

JMA Felt III J1.

ISC 24 04:10:33.5,0.5,35.91N;140.03,140.13E;0.04,h68km;4km,
n205,σ1=30/236,mb4.5/82,7C-10D,Near east coast of
eastern Honshu

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Lists stations like Yasato, Tokyo, Ashikaga, Ryogami san, etc.

Table with columns: H11S2, WAKE ISLAND Hy 29.18 119, Lanzhou, etc. Lists various seismic stations and their coordinates.

Table with columns: BVAR, Borovoye, COLA, College, etc. Lists stations in the Borovoye region and their coordinates.

24d 4h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BRG Berggiesshubel, U15A North Rim, CLL Collim, etc.

JMA 24 04:10:34.0, 0.2, 24.01N, 121.65E, h0km, M3.2
ISCJB 24 04:10:35.0, 0.3, 24.02N, 0.01, 121.66E, 0.02, h7km, 2km,
Error ellipse: s-maj=2.9km s-min=1.9km az=25.5
TAP 24 04:10:35.2, 24.02N, 121.61E, h10km, ML3.7, B
ISC 24 04:10:35.2, 0.2, 24.02N, 0.02, 121.63E, 0.02, h13km, 5km,
n87, c0556/119, 5A-14Z, Taiwan

Main table for 24d 4h section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists various stations like HWA Hwalien, ENLB Shoufeng, NACB Ninganchiao, etc.

2012 FEB

Table for 2012 FEB section with columns: NSY, WLTB, ALS, NMLH, CHKT, PTSS, TATO, TATO, TIPB, CHNS, SBCB, WCHH, ELDTW, TWB1, WDLH, NWF, WFSB, TWS1, YM04, YM04, YM07, YM03, CHN4, TPUB, TPUB, YM08, STYT, RLNB, WTP, CHY, TWG, CHN1, YOJ, YOJ, SGST, SLGT, ECL, MASB, EAST, SCZT, PHUB, PNG, WDGT, LAN-yu, JKRS, TWKBT, JIJ, JISG, JISG, MATB. Includes station names and numerical values.

TAP 24 04:10:44.5, 24.01N, 121.66E, h1km, 1km, ML3.6, D, Taiwan

Table for TAP 24 04:10:44.5, 24.01N, 121.66E, h1km, 1km, ML3.6, D, Taiwan. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like HWA Hwalien, ENLB Shoufeng, etc.

JMA 24 04:12:56.7, 0.2, 24.01N, 121.60E, h0km, M3.3
TAP 24 04:12:57.0, 24.04N, 121.62E, h8km, ML2.9, C
ISCJB 24 04:12:57.0, 0.3, 24.04N, 0.03, 121.59E, 0.03, h9km, 4km,
Error ellipse: s-maj=5.3km s-min=4.3km az=168.3
ISC 24 04:12:57.7, 0.9, 24.04N, 0.03, 121.59E, 0.04, h10km, 6km,
n28, c069/33, 3D, Taiwan

Table for JMA 24 04:12:56.7, 0.2, 24.01N, 121.60E, h0km, M3.3. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like HWA Hwalien, NACB Ninganchiao, etc.

1274

Table for 1274 section with columns: NNS, TDCB, HGSD, EHY, ENTT, TWC, SSLB, SMLT, YHNB, SANB, NSK, TWE, TYC, SLBB, IRIK, JKRS, JIJ, JISG, JISG. Includes station names and numerical values.

TAP 24 04:13:00.5, 24.04N, 121.59E, h4km, ML3.6, B, Taiwan

Main table for 1274 section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists various stations like HWA Hwalien, ENLB Shoufeng, NACB Ninganchiao, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TIBP Shuangxi, ELDTW Lidau, WDLH Douliu, etc.

ISCJB 24 04:41:26.6 1.0, 23.0S:0.2x112.3W:0.2, h10km, mb4.1/14, MS3.6/8, Error ellipse: s-maj=31.7km s-min=16.3km

IDC 24 04:41:26.9 0.8, 23.07S:112.217W, h0km, mb3.9/7, mb1 4.3/7, mb1mx4.0/39, mbtmp3.9/7, MS3.9/5, Ms1 3.5/9, ms1mx3.3/29, Error ellipse: s-maj=40.1km s-min=27.0km az=71.0

NEIC 24 04:41:28.3 0.5, 23.04S:112.22W, h10km, mb4.4/7, Error ellipse: s-maj=17.6km s-min=12.4km az=60.0

ISC 24 04:41:28.3 0.8, 23.0S:0.2x112.2W:0.2, h10km, n34, c085/31, mb4.2/14, MS3.6/8, Easter Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RPN Rapa Nui, LCO Las Campanas, OTAV Otavaro, etc.

MAN 24 04:43:06.9 389N:122.92E, h9km, mb3.7, ML2.4, MS1.9, 2C-1D, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNPH Sibulan, GUM Jordan, etc.

Table with columns: RCP, MSLP, MSLP, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RCP, MSLP, MSLP.

ISCJB 24 04:46:40.4 1.2, 49.6S:0.1x119.2E:0.5, h10km, mb4.2/5, MS3.8/11, Error ellipse: s-maj=43.0km s-min=17.0km az=76.8

IDC 24 04:46:40.3 2.0, 49.71S:119.31E, h0km, mb4.4/4, mb1 4.6/5, mb1mx4.0/39, mbtmp4.5/5, ML2.5/1, MS3.8/12, Ms1 3.7/12, ms1mx3.4/34, Error ellipse: s-maj=56.7km s-min=41.6km az=85.0

NEIC 24 04:46:41.6 1.0, 49.66S:119.13E, h10km, mb4.2/1, Error ellipse: s-maj=42.1km s-min=15.1km az=86.0

ISC 24 04:46:41.9 1.3, 49.75S:0.1x119.3E:0.4, h10km, n25, c0156/10, mb4.2/5, MS3.7/11, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, etc.

GUC 24 04:59:56.7 0.5, 22.37S:68.71W, h114km, 4km, ML3.6, 4C, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PBO9 IPOC Station P, PBO6 IPOC Station P, etc.

UCR 24 05:01:23.5 1.5, 12.26N:87.84W, h70km, 6.1km, MD3.6, ML3.3, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CRIN San Cristobal, CNCH Conchagua, etc.

WEL 24 05:06:47.4, 37'S:127'19"W:1'1", h33km, ML3.8/12, East of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MXZ Matakaoa Point, WMGX Matakaoa Point, etc.

Table with columns: RIGZ Rimuhau, RIGZ Rimuhau, PRGZ Paritu Road, etc. Includes stations like RIGZ, PRGZ, MHGZ, etc.

NNC 24 05:09:50.3 3.0, 53.93N:86.17E, h0km, mb3.4, mpv3.0, Error ellipse: s-maj=49.3km s-min=31.6km az=168.0

IDC 24 05:09:46.2 2.5, 54.10N:86.41E, h0km, mb1 3.5/2, mb1mx3.0/76, mbtmp3.5/2, ML2.8/2, 3C-5D, Error ellipse: s-maj=20.2km s-min=12.5km az=53.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

ISCJB 24 05:37:53.8 0.8, 8.11'68S:0.09'63.75W:0.10, h10km, mb3.5/2, Error ellipse: s-maj=17.8km s-min=7.4km az=44.4

IDC 24 05:37:54.0 1.6, 11.67S:63.75W, h0km, mb3.7/2, mb1 4.0/5, mb1mx3.6/45, mbtmp3.9/5, ML3.9/3, Error ellipse: s-maj=35.1km s-min=17.3km az=121.0

SCB 24 05:37:54.2 0.5, 11.63S:63.64W, h0km, ML1.2, Error ellipse: s-maj=14.3km s-min=4.8km az=175.0

ISC 24 05:37:54.9 0.9, 11.60S:0.07'63.72W:0.08, h10km, n13, c0192/18, Western Brazil

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SIV San Ignacio, SIV San Ignacio, etc.

CSEM 24 05:40:40.9 0.1, 49.91N:8.65E, h15km, ML2.6/11, Error ellipse: s-maj=2.5km s-min=2.3km az=28.0

BGR 24 05:40:41.9 0.2, 49.93N:8.70E, h10km, ML1.9/5, Error ellipse: s-maj=2.2km s-min=2.2km az=72.0

BNS 24 05:40:42.0 1.1, 49.92N:8.61E, h7km, ML2.0, LDG 24 05:40:42.0 1.1, 49.90N:8.63E, h7km, Md3.2/1, Ml2.5/10, Error ellipse: s-maj=2.0km s-min=1.5km az=62.0

STR 24 05:40:45.1 0.3, 49.74N:0.01'8.53E:0.02, h10km, ML2.2/13

PRU 24 05:40:50.1, 49.91N:8.18E, h4km, ISC 24 05:40:42.5 0.8, 49.90N:0.01'8.57E:0.01, h17km, 5km, n135, c0137/195, 1C-4D, Germany

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WBB Darmstadt, WBB Darmstadt, etc.

24d 5h

Table with columns for station code, name, frequency, and other technical details. Includes stations like ABH Alteburg, ABH Koepfel, ABH Koepfel, ABH Koepfel, ABH Koepfel, etc.

2012 FEB

Table with columns for station code, name, frequency, and other technical details. Includes stations like GIVF Givet, GIVF Givet, GIVF Givet, GIVF Givet, etc.

1276

Table with columns for station code, name, frequency, and other technical details. Includes stations like I39PW PALAU INFRASON, MYLDM Lahad Datu, MYLDM Lahad Datu, etc.

GUC 24 07:37:04.7.0.7.28.66S:68.59W, h100km, 5km, ML3.3
ISC 24 07:37:04.1.1.5.28.67S:05.68.44W, 0.04,
h115km, 10km, n13, c1927/25, 2C-2D, La Rioja Province

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like VCA Vinchina, AGUA GUANDACOL, LCO Las Campanas, VACH Vallendar, etc.

DDA 24 07:56:37.9.38.77N:30.37E, h7km, ML2.7
CSEM 24 07:56:38.4.0.2.38.75N:30.41E, h2km, MD2.8, Error
ellipse: s-maj=4.2km s-min=3.4km az=95.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SHUT Suhut-Afyon, BOLV Bolvadin, KZIL AFYON_Kizoren, etc.

ISC 24 07:56:38.1.1.0.38.76N:0.02:30.40E:0.02, h6km, 11km,
n39, c0752/78, Turkey

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like TVSB Tavasani, BURDUR-Merkez, SVRH Sivrihisar-ESK, etc.

ISK 24 08:06:40.7.38.28N:28.47E, h18km, ML2.3/3
ISCJB 24 08:06:42.3.1.0.38.52N:0.05:28.31E:0.05, h7km, 7km,
Error ellipse: s-maj=8.4km s-min=5.9km az=142.3

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KULA Kula-Manisa, DEMI Demirci, SIMA Simav-Kutahya, etc.

ISC 24 08:10:04.8.1.3.10.98S:164.34E, h0km, mb3.8/8,
mb1.4, 1/10, mb1mx3.8/1, mbtmp4.0/10, ML4.5/2, MS3.4/6,
Ms1.3/4.6, ms1mx2.0/3.6, Error ellipse: s-maj=39.2km
s-min=20.9km az=136.0

NEIC 24 08:10:12.4.1.8.10.92S:164.18E, h50km, 15km, mb4.2/8,
Error ellipse: s-maj=14.7km s-min=13.8km az=120.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like HNR Honiara, HNR Honiara, HNR Honiara, etc.

ISC 24 08:10:09.6.0.8.10.95S:008.164.36E:0.09, h29km, n36,
c1942/32, mb4.0/14, MS3.3/4, Santa Cruz Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like WAB Waramunga Arr, WRA Waramunga Arr, H1N1 WAKE ISLAND Hy, etc.

ISC 24 08:11:15.3.3.3.5565N:86.22E, h0km, mb1.2/2,
mb1mx2.6/7.3, mbtmp2.7/2, ML2.3/2, Error ellipse:
s-maj=28.5km s-min=26.9km az=178.0, Southwestern
Siberia

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like I46RU ZALESOVO INFRA, ZALV Zaleovo Beam, ZALV ZALV, etc.

ISC 24 08:13:35.7.3.4.54.42N:86.72E, h0km, mb1.2/8/2,
mb1mx2.6/7.3, mbtmp2.8/2, ML2.5/2, Error ellipse:
s-maj=30.2km s-min=17.1km az=50.0, Southwestern
Siberia

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like I46RU ZALESOVO INFRA, ZALV Zaleovo Beam, ZALV ZALV, etc.

TIR 24 08:17:23.7.1.6.42.15N:20.57E, h21km, 14km, ML2.9
SKO 24 08:17:24.8.42.08N:20.57E, h15km, M1.4, ML2.3
CSEM 24 08:17:25.0.3.42.15N:20.49E, h10km, ML2.9, Error
ellipse: s-maj=6.9km s-min=4.8km az=129.0

BEQ 24 08:17:26.1.0.6.42.17N:20.49E, h10km, 4km, ML2.0/7
ISC 24 08:17:24.2.1.2.42.15N:0.03:20.56E:0.02, h4km, 11km,
n31, c0779/47, 2C-1D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PHP Peshkopia, PUK Puka, PUK Puka, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PDG Podgorica, OHR Ohrid, OHR Ohrid, etc.

ISCJB 24 08:17:31.8.0.7.7.47S:0.07:124.90E:0.08, h350km,
mb3.5/3, Error ellipse: s-maj=11.4km s-min=9.5km
az=167.3

ISC 24 08:17:32.3.1.1.7.53S:124.83E, h345km, 13km, mb3.2/3,
mb1.3/1.8, mb1mx2.9/58, mbtmp3.9/8, Error ellipse:
s-maj=27.4km s-min=15.2km az=66.0

DJA 24 08:17:35.8.1.4.7.14S:14.12E:1.2, h309km, 15km,
M3.8/6, ML3.8/6

ISC 24 08:17:32.4.0.9.7.52S:0.08:125.0E:0.1, h350km, n14,
c1923/18, mb3.4/3, Banda Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SOEI Soe, SOEI Soe, MMRI Maumere, etc.

DDA 24 08:19:34.7.39.36N:35.26E, h7km, ML2.5
ISK 24 08:19:34.7.39.40N:35.22E, h7km, ML2.5/5
CSEM 24 08:19:35.2.0.2.39.39N:35.25E:0.07, ML2.5, Error
ellipse: s-maj=4.6km s-min=2.2km az=11.0

ISC 24 08:19:35.1.1.1.39.38N:0.03:35.26E:0.02, h7km, 10km,
n29, c068/45, Turkey

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like YOZ Yozgat, YOZ Yozgat, YOZ Yozgat, etc.

MAN 24 08:35:19.10.17N:125.87E, h18km, mb4.6, ML3.5, MS3.4,
1C-1D, Leyte

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SCPH Surigao, SCPH Surigao, MSLP Maasin, etc.

MAN 24 08:38:56.9.82N:123.05E, h28km, mb4.1, ML2.9, MS2.5,
2D, Negros

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SCPH Surigao, SCPH Surigao, MSLP Maasin, etc.

24d 9h

Table with columns: SNPH, SIBUAN, 0.51 158, Pn, 08 39 08.2 +0.7, etc.

IDC 24 08:40:30.3.3.7, 53.67N, 88.09E, h0km, mb1 2.9/2, mb1mx2.8/6.9, mbtmp3.2/ML2.3/2, Error ellipse: s-maj=37.1km s-min=19.8km az=48.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC

DDA 24 08:41:22.3.38, 78N, 43.37E, h7km, ML2.6, ISK 24 08:41:22.4.38, 78.5N, 43.20E, h3km, ML2.5/2, ISCJB 24 08:41:23.7.0.8, 38.72N, 0.04, 43.26E, 0.06, h30km, 7km, Error ellipse: s-maj=7.9km s-min=6.6km az=29.4, CSEM 24 08:41:24.0.0.3, 38.77N, 43.20E, h5km, ML2.5, Error ellipse: s-maj=6.7km s-min=6.2km az=4.0, ISC 24 08:41:23.4.1.2, 38.72N, 0.04, 43.26E, 0.04, h29km, 9km, n14, c055/25, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC

IDC 24 08:42:36.0.3.1, 53.32N, 89.06E, h0km, mb1 2.7/3, mb1mx2.6/6.8, mbtmp2.7/3, ML1.9/3, Error ellipse: s-maj=25.5km s-min=18.2km az=65.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC

IDC 24 08:49:08.4.12.0, 10.72S, 165.30E, h0km, mb3.9/4, mb1 4.1/5, mb1mx3.6/5.9, mbtmp4.1/5, ML4.0/1, MS3.4/7, Ms1 3.4/7, ms1mx3.0/3.9, Error ellipse: s-maj=208.6km s-min=48.9km az=47.0, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC

IDC 24 08:49:56.6.1.2, 23.67N, 128.03E, h0km, mb3.8/7, mb1 3.9/8, mb1mx3.6/5.9, mbtmp3.8/8, ML3.9/1, MS2.6/1, Ms1 2.6/1, ms1mx2.3/3.7, Error ellipse: s-maj=49.5km s-min=17.2km az=74.0, NIED 24 08:50:00.24.17.0, 127.30E, h5km, Mw3.7, Best double couple: M4, 25000, 1014, NP1=339, 00000, 845, 00000, 1.160, 00000, NP2=84, 00000, 876, 00000, 4.7, 00000, JMA 24 08:50:01.0.2.0.3, 24.15N, 127.33E, h17km, M4.0, ISC 24 08:50:00.8.2.8, 24.00N, 0.02, 127.5E, 0.1, h17km, 49km, n33, c125/45, mb3.8/6, Southeast of Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC

2015 FEB

Table with columns: JIJI, Itheya, 3.11 8, P, Pn, 08 50 48.4 +1.0, etc.

KSRS Korea Array 13.47 2 LR comp=Z, 22m, 18.2s, baz=330, SNR=41, URSK Ussuriysk Arr 20.54 9 P 3.8m, 0.6s, baz=182, slow=6.9, SNR=4.9, SONM Songo Array 29.14 330 P 0.2m, 0.3s, baz=143, slow=10, SNR=2.6, MKAR Makanchi Array 42.57 314 P 0.6m, 0.6s, baz=98, slow=11, SNR=8.7, ZALV Zalesovo Beam 43.67 325 P 1.3m, 0.7s, baz=111, slow=8.1, SNR=6.9, WRB Warrungarra Arr 44.14 171 P 1.7m, 0.7s, baz=349, slow=8.9, SNR=29, KURB Kurchatov Arr 46.05 318 P 1.3m, 0.7s, baz=107, slow=2.2, SNR=9.4, ASAR Alice Springs 47.74 172 P 0.8m, 0.7s, baz=357, slow=10, SNR=9.1

NNC 24 08:59:10.1.1.7, 53.62N, 90.40E, h0km, mb3.8, mpv3.5, Error ellipse: s-maj=17.4km s-min=12.1km az=175.0, IDC 24 08:59:07.2.1.5, 53.54N, 90.85E, h0km, mb1 3.4/4, mb1mx3.0/7.3, mbtmp3.4/4, ML2.8/4, 4C-4D, Error ellipse: s-maj=22.8km s-min=11.7km az=171.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC

CSEM 24 08:59:50.6.1.6, 64.52N, 31.83E, h1km, ML2.1, Error ellipse: s-maj=38.4km s-min=10.8km az=106.0, Mining explosion, UPP 24 08:59:54.3.64.55N, 31.37E, h0km, ML1.6, Mining explosion, ISCJB 24 08:59:56.5.0.6, 64.81N, 0.03, 30.33E, 0.09, h0km, Error ellipse: s-maj=6.0km s-min=3.5km az=31.8, HOLA 24 08:59:57.3.0.1, 64.75N, 30.65E, h0km, ML2.1, Explosion, KEL 24 08:59:57.9.64.74N, 30.53E, h0km, Error ellipse: s-maj=38.5km s-min=9.8km az=104.0, BER 24 08:59:58.9.3.6, 64.82N, 30.61E, h0km, ML2.4(NAO), Suspected explosion, NAO 24 08:59:59.9.1.9, 64.82N, 30.25E, ML2.4, ISC 24 08:59:58.1.1.0, 64.84N, 0.03, 30.37E, 0.05, h0km, n49, c1161/68, Finland-Karelia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC

2015 FEB

Table with columns: SJUU, Sjuksmark, 3.76 284, P, Pn, 09 01 11.1 +3.9, etc.

ARCS ARCESS Array B 5.08 340 Pn comp=Z, 0.5m, 0.3s, baz=152, slow=13, SNR=5.6, ARCS ARCESS Array C 5.08 340 Pn comp=Z, 0.2m, 0.3s, baz=157, slow=24, SNR=4.1, HFS Hagfors 9.03 246 Pn comp=Z, 1.2m, 0.3s, baz=152, slow=30, SNR=6.5, HFS Hagfors 9.03 246 Pn comp=Z, 0.2m, 0.3s, baz=58, slow=14, SNR=3.2, HFS Hagfors 9.03 246 Pn comp=Z, 0.2m, 0.3s, baz=59, slow=25, SNR=2.9, NB2 NORARS Subarra 9.51 255 Pn, NB2 NORARS Subarra 9.51 255 Pn, NOA NORARS Array B 9.51 255 Pn, NOA NORARS Array B 9.51 255 Pn, NRAO NORESS Array S 9.54 253 Pn, NRAO NORESS Array S 9.54 253 Pn, NRAO NORESS Array S 9.54 253 Pn, NRAO NORESS Array S 9.54 253 Pn

IDC 24 09:11:54.2.2.4, 54.29N, 86.47E, h0km, mb1 3.2/3, mb1mx2.9/7.2, mbtmp3.2/3, ML3.0/3, Error ellipse: s-maj=20.8km s-min=12.1km az=61.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC

TIR 24 09:30:05.8.0.7, 40.78N, 20.69E, h30km, gkm, ML2.6, CSEM 24 09:30:05.8.40.78N, 20.69E, h30km, ML2.6, ISCJB 24 09:30:07.1.1.3, 40.78N, 0.06, 20.66E, 0.08, h26km, 11km, Error ellipse: s-maj=10.8km s-min=9.4km az=179.7, SKO 24 09:30:07.9.40.87N, 20.68E, h24km, M0.4, MLO.9, ISC 24 09:30:07.2.1.0, 40.83N, 0.07, 20.64E, 0.05, h17km, 13km, n10, c079/18, 2C, Greece-Albania border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC

ISK 24 09:53:59.8.37.29N, 41.73E, h18km, ML2.7/2, DDA 24 09:54:00.7.37.34N, 41.77E, h7km, ML2.6, CSEM 24 09:54:00.1.0.5.37.29N, 41.75E, h5km, ML2.7, Error ellipse: s-maj=13.7km s-min=6.5km az=9.0, ISC 24 09:54:00.5.1.2, 37.32N, 0.05, 41.76E, 0.02, h10km, 13km, n20, c089/34, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC

Table with columns: ILAR, Eielson Array, 8.23 29 P, Pn, 10 28 19.7 -1.9, etc.

IDC 24 10:37:33.8t.1.7, 17.92S; 167.54E, h0km, mb3.8/5, mb1 4.0/6, mb1mx3.7/37, mbtmp3.6/6, ML3.4/1, MS3.3/5, Ms1 3.3/5, ms1mx2.9/32, Error ellipse: s-maj=50.8km s-min=28.8km az=133.0

ISCJB 24 10:37:35.1t.1.5, 18.05S; 0.08:167.5E:0.2, h23km, mb3.7/4, MS3.2/5, Error ellipse: s-maj=28.8km s-min=11.9km az=1.9

ISC 24 10:37:37.4t.1.7, 18.05S; 0.167:5E:0.2, h23km, n13, -0889J, mb3.8/4, MS3.3/5, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, etc.

IDC 24 11:27:00.6t.3.3, 17.97S; 172.52W, h0km, mb3.5/3, mb1 3.8/3, mb1mx3.4/43, mbtmp3.5/3, Error ellipse: s-maj=365.0km s-min=36.9km az=140.0, Tonga Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, etc.

IDC 24 12:21:34.6t.3.6, 55.90N; 86.31E, h0km, mb1 2.9/3, mb1mx2.9/7, mbtmp2.9/3, ML2.4/3, Error ellipse: s-maj=32.6km s-min=29.2km az=73.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, etc.

IDC 24 12:25:14.8t.3.9, 1.50S; 100.88E, h0km, mb3.5/4, mb1 3.6/4, mb1mx3.2/63, mbtmp3.5/4, Error ellipse: s-maj=161.6km s-min=22.9km az=57.0

DJA 24 12:25:19.6t.1.4, 2.54S; 101.0E, h59km, mb3.3/3, MLV3.3/3

ISC 24 12:25:18.8t.0.9, 1.88S; 0.05:100.28E:0.09, h35km, n7, +198/10, mb3.6/4, Southern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, etc.

IDC 24 12:33:08.9t.1.8, 36.99N; 141.35E, h0km, mb3.2/3, mb1 3.3/5, mb1mx3.1/67, mbtmp3.2/5, ML2.8/2, Error ellipse: s-maj=34.6km s-min=27.5km az=85.0

ISCJB 24 12:33:09.3t.1.4, 37.00N; 0.05:141.48E:0.08, h16km, gkm, mb3.2/3, Error ellipse: s-maj=11.9km s-min=6.3km az=35.0

JMA 24 12:33:10.2t.0.1, 37.01N; 141.40E, h19km, 1km, M3.2 ISC 24 12:33:09.7t.2.2, 37.00N; 0.06:141.38E:0.07, h6km, 12km, n21, -087/12, mb3.4/3, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, etc.

Table with columns: H1N1, WAKE ISLAND Hy 28.17 121 T, T, 13 08 31.4, etc.

ISCJB 24 12:35:11.0t.1.1, 33.03S; 0.05:70.15W:0.07, h112km, gkm, Error ellipse: s-maj=11.1km s-min=6.0km az=41.6

GUC 24 12:35:11.7t.0.5, 32.88S; 70.25W, h99km, 5km, ML3.1 SJA 24 12:35:11.6t.0.6, 32.98S; 70.08W, h113km, 4km, ML2.7, MW3.2

ISC 24 12:35:10.9t.2.3, 33.04S; 0.06:70.20W:0.08, h114km, 16km, n14, +087/27, 2C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, etc.

ISK 24 12:43:33.8, 37.12N; 30.47E, h11km, ML2.5/2 DDA 24 12:43:33.1, 36.95N; 30.39E, h27km, M12.2 CSEM 24 12:43:33.9t.0.2, 37.14N; 30.44E, h10km, ML2.2, Error ellipse: s-maj=6.9km s-min=4.9km az=119.0

ISCJB 24 12:43:34.6t.0.5, 37.10N; 0.03:30.48E:0.04, h9km, gkm, Error ellipse: s-maj=6.4km s-min=4.8km az=39.3

ISC 24 12:43:34.0t.0.9, 37.12N; 0.03:30.43E:0.03, h13km, 7km, n18, +051/27, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, etc.

NIED 24 13:00:00, 37.80N; 136.20E, h340km, Mw4.5 Best double couple: Ms:95000; 1015 NP1.3; 42.00000; 0.29, 0.00000; 1.19, 0.00000; NP2.6; 189.00000; 0.65, 0.00000; 1.75, 0.00000; 1.14, 0.00000

BJJ 24 13:00:06, 0.37; 52N; 136.55E; h309km, mb4.7/52, mb4.6/28

IDC 24 13:00:13.9t.0.4, 37.89N; 136.03E, h330km, gkm, mb3.9/4/1, mb1 4.0/47, mb1mx3.9/77, mbtmp4.6/47, Error ellipse: s-maj=6.9km s-min=5.7km az=75.0

ISCJB 24 13:00:13.5t.0.1, 37.88N; 0.02:136.05E:0.02, h340km, 1km, mb4.3/154, Error ellipse: s-maj=3.6km s-min=2.8km az=158.0

MOS 24 13:00:13.4t.0.9, 37.92N; 135.99E, h340km, mb4.3/52, Error ellipse: s-maj=6.0km s-min=4.3km az=81.0

JMA 24 13:00:14.1t.0.1, 37.82N; 136.03E, h346km, 1km, M4.5 Broadband fault plane solution: P waves: N1-190.00000; 368.00000; 1.55, 0.00000; NP2: 22.00000; 0.41, 0.00000; 1.14, 0.00000; Principal axes: T: Plg53.0000; Azm57.0000; N: Azm33.0000; Azm204.0000; P: Plg16.0000; Azm30.0000

NEIC 24 13:00:14.2t.0.2, 37.88N; 136.02E, h335km, 2km, mb4.4/94 Error ellipse: s-maj=3.8km s-min=3.1km az=160.0

ISC 24 13:00:13.7t.0.5, 37.91N; 0.04:136.11E:0.04, h330km, 4km, n336, +184/406, mb4.4/154, 16C-29D, Near west coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, etc.

Table with columns: MJAR, 4.0nm, 0.3s, baz=312, slow=17, SNR=11 S S 13 01 46.5 +1.5, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like KIV Kislovodsk, STHS Stebnicka Huta, and many others.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like STHS Stebnicka Huta, PSZ Piszkesteto, and many others.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like WET Wetzell, KZA Kyzart, and many others.

24d 13h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Ulaanbaatar, Lanzhou, Bodaibo, Kowa, CD2, HHC, HHC, HHC, HHC, Xian, CMAR, CMAR, CM01, TIXI, TIXI, KVIC, DBIC, KIC, TIC, LIC, CN2, NEJ, SEY, KS01, KSAR, KSAR, KSRS, KSRS, MA2, BILL, BILL, BILL, BILL, BOSA, MJAR, PETK, COLA, COLA, YKA, YKA, YKA, ULM.

IDC 24 13:26:29.4.2.4.22:18N:11.91W, h0km, mb3.6/2, mb1 3.6/5, mb1mx3.4/5.8, mbtmp3.7/5, ML3.3/3, Error ellipse: s-maj=75.0km s-min=30.2km az=70.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KOWA, KOWA, TORD, TORD, DBIC, KURBB, MKAR, WRA, ASAR.

IDC 24 13:29:44.6:2.2.2.33N:127.70E, h0km, mb3.2/4, mb1 3.4/4, mb1mx3.2/4.8, mbtmp3.2/4, Error ellipse: s-maj=178.3km s-min=27.0km az=66.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WRA, ASAR, STKA, MKAR.

MOS 24 13:43:15.8:0.9:6:85N:73:01W, h159km, mb5.3/62, Error ellipse: s-maj=4.4km s-min=4.4km az=101.3

ISCJB 24 13:43:15.8:0.2:6:75N:0:02:73:01W:0:02, h166km, 1km, mb5.2/355, Error ellipse: s-maj=2.6km s-min=2.5km az=150.9

NEIC 24 13:43:16.7:0.2:6:70N:72:95W, h162km, 2km, mb5.3/293, Error ellipse: s-maj=2.4km s-min=2.2km az=220.0

NEIC Felt [IV] at Floridaablanca; [III] at Bogota, Bucaramanga, Enviado and Medellin; [II] at Pereira. Felt widely in northern and central Colombia. Felt [II] at San Cristobal, Venezuela.

GCMT 24 13:43:16.7:0.2:6:84N:73:02W, h160km, 1km, MW5.1/108, Moment Tensor Solution: s60, c70, s108, c150, Duration: 0 Moment tensor: Scale 1016Nm; Mw=6.62; 13; Mw=3.68; 18; Mw=0.97; 21; Mw=2.33; 13; Mw=1.53; 18; Mw=2.44; 14; Best double couple: Ms=3.95; 1016 Np1=93.00000; s58.00000; l119.00000; NP2=0.226, 0.00000; s42.00000; l52.00000. Principal axes: T 6.2650, Plg64.0000, Azm54.0000; N -1.7390, Plg24.0000, Azm256.0000; P -4.5250, Plg8.0000, Azm162.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

IDC 24 13:43:17.1:0.3:6:75N:72:90W, h164km, 2km, mb4.7/34, mb1 4.8/42, mb1mx4.8/48, mbtmp5.1/42, MSJ3.7/11, Ms1 3.7/11, ms1mx3.4/40 Error ellipse: s-maj=7.3km s-min=2.2km az=114.0

RSNC 24 13:43:17.9:1.0:6:80N:73:13W, h153km, 5km, ML5.7, Mw5.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BARC, BARC.

2012 FEB

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BARC, GIRC, GIRC, PAMPLONA, BARRICA, RUSC, RUSC, RUSC, GUEC, PTBC, PTBC, OYAC, YOPC, NORC, NORC, CHIC, CHIC, ROSC, ROSC, ROSC, ROSC, HELC, HELC, HELC, HELC, HELC, VILC, VILC, GUYC, GUYC, GUYC, RREF, RREF, CODC, CODC, TOLC, TOLC, SDV, DBBC, ANIL, ANIL, PRAC, PRAC, PRAC, SJAC, SJAC, GUYC, GUYC, BETC, BETC, BCIP, BCIP, TUMC, OTAV, OTAV, OTAV, PCRV, PCRV, HOC, HOC, CMJ, CMJ, GWJ, GWJ, STH, MCJ, MCJ, MCJ, TRN, CVJ, CVJ, MTJD, SDDR, BBL, BBL, JTS, JTS, JTS, ESPN, ESPN, TBH, GRGR, GRGR, GRHS, MBJ, MBJ, MBJ, GRSS, MPR, MPR, SJC, SJC, TOSP, FCV, GIBY, SVB, SVB, SVV, SVV, SVV, CDVI, CDVI, CLVP, CLVP, MCLT, STVI, MGAN, FDF, FDF, FDF, MATN, DBCT, DSTT, GBL, MDPO, TBG, MDPV, CORN, CORN, GBCY, MOMM, GVHS, GVHS, LVCCY, SKI, SKI, SKI, ABVI, MGG, GRTK, FSCY, SMRT, ATAH, ATAH.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WBCY, PTGA, PTGA, PTGA, PTGA, PAYG, NNA, NNA, NNA, NNA, NNA, CCGA, CCGA, DWPF, DWPF, 858A, 858A, 857A, 857A, 758A, 758A, LPAZ, LPAZ, LPAZ, LPAZ, LPAZ, CMIG, CMIG, CMIG, 658A, 658A, 657A, 657A, 656A, 656A, 557A, 557A, 655A, 655A, 556A, 556A, 555A, 555A, 457A, 457A, 554A, 554A, 553A, 553A, 455A, 455A, 553A, 553A, 454A, 454A, MNMC, MNMC, 453A, 453A, TIGA, TIGA, TIGA, 452A, 452A, 451A, 451A, PB11, PB11, NHSC, NHSC, 351A, 351A, 450A, 450A, TLIG, TLIG, 449A, 449A, 350A, 350A, BRAL, BRAL, 251A, 251A, 448A, 448A, 349A, 349A, PB01, PB01, 250A, 250A, 447A, 447A, 151A, 151A, 348A, 348A, GOGA, GOGA, GOGA, GOGA, 249A, 249A, 446A, 446A, 150A, 150A, 347A, 347A, 248A, 248A, 149A, 149A, 445A, 445A, 346A, 346A, Z50A, Z50A, 444A, 444A, 247A, 247A, 148A, 148A, 249A, 249A, 345A, 345A, LRAL, LRAL, LRAL, LRAL, 246A, 246A, 147A, 147A, 344A, 344A, 245A, 245A.

Table with columns: BMO, Blue Mountains, 53.97 322 eP, P, 13 52 23.4 -0.7, etc. Lists various locations and their corresponding data points.

Table with columns: DBIC, DBIC, 67.65 86 eP, P, 13 53 56.0 -0.9, etc. Lists various locations and their corresponding data points.

Table with columns: MCK, MCKinley, 77.72 334 eP, P, 13 54 56.2 +0.7, etc. Lists various locations and their corresponding data points.

24d 14h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MLOA, POHA, UWEK, etc.

MAN 24 14:09:54, 10.08N, 123.28E, h0km, mb4.5, ML3.4, MS3.2
ISCJB 24 14:09:55.8, 0.4, 10.128N, 0.04, 123.29E, 0.03, h10km,
mb3.4/6, Error ellipse: s-maj=5.2km s-min=4.7km az=31.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MAN, ISCJB, etc.

MAN 24 14:12:15, 10.10N, 123.30E, h6km, mb4.7, ML3.6, MS3.6
ISCJB 24 14:12:16.0, 0.9, 10.13N, 0.03, 123.29E, 0.03, h6km, 7km,
mb3.3/4, Error ellipse: s-maj=5.4km s-min=5.2km
az=136.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MAN, ISCJB, etc.

2012 FEB

BJU 24 14:12:59.9, 4.90S, 102.90E, h35km, mb5.0/58, mb5.1/39,
Ms4.8/23, Ms7.4/19
MOS 24 14:13:01.0, 1.0, 4.59S, 103.21E, h33km, mb5.3/51, Error
ellipse: s-maj=9.7km s-min=5.1km az=112.0
NEIC 24 14:13:02.4, 0.2, 4.70S, 103.10E, h35km, mb5.0/28, Error
ellipse: s-maj=8.0km s-min=3.8km az=220.0
ISCJB 24 14:13:05.3, 0.4, 4.82S, 103.01E, 0.03, h77km, 3km,
mb4.9/113, Error ellipse: s-maj=7.3km s-min=2.9km
az=43.4
DJA 24 14:13:05.3, 0.2, 5.2, 10.3E, h45km, 5km, M4.8/37,
mb1.9/19, MLV2/M4.8/19, MLV2/M4.8/19
IDC 24 14:13:07.1, 1.4, 4.70S, 103.15E, h78km, 8km, mb4.6/40,
mb1.4/74, mb1mx3.5/62, mbtm3.6/41, MS3.7/20,
M1.3/72, ms1mx3.5/53, Error ellipse: s-maj=15.1km
s-min=6.4km az=39.0
KLM 24 14:13:09.8, 4.69S, 103.02E, h110km, mb5.0
ISC 24 14:13:05.2, 0.6, 4.91S, 102.94E, 0.04, h67km, 5km,
n502, s1959/525, mb5.0/113, 31C-23D, Southern

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MNAI, LWLI, MAURA, etc.

1294

Main station list table with columns: PHIT, PHRA, LAMP, CM01, CM31, CMAR, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LZH, BBOO, NDI, MTSU, HTT, PMG, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ULN, MAJO, MAJS, MAJU, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NKL, AKTO, AKTY, MAW, etc.

24d 14h

Table of station data for 24d 14h, including columns for station name, frequency, power, and other technical details.

2012 FEB

Table of station data for 2012 FEB, including columns for station name, frequency, power, and other technical details.

1296

Table of station data for 1296, including columns for station name, frequency, power, and other technical details.

MAN 24 14:14:04,10:13N:123:23E, h8km, mb4.0, ML2.8, MS2.5, 1C-2D, Cebu

Table of station data for MAN 24 14:14:04, including columns for code, station name, frequency, power, and other technical details.

MAN 24 14:17:19,10:13N:123:33E, h1km, mb4.3, ML3.1, MS2.9, 2C-1D, Cebu

Table of station data for MAN 24 14:17:19, including columns for code, station name, frequency, power, and other technical details.

DDA 24 14:17:55.2,1.41:18N:39:54E, h8km, ML2.5, ISCJB 24 14:17:58.0, 4.0, 8.1:00N:0:05:39:59E, 0.04, h9km, 5km, Error ellipse: s-maj=8.9km s-min=5.0km az=5.0

CSEM 24 14:17:58.0, 4.0, 40:99N:39:61E, h5km, ML2.5, Error ellipse: s-maj=9.7km s-min=5.8km az=5.0

ISK 24 14:17:58.0, 40:89N:39:54E, h5km, ML2.6/3

ISC 24 14:17:56.2, 1.5, 41:09N:0:06:39:58E, 0.03, h17km, 11km, n27, 0:52/37, Turkey

Table of station data for ISC 24 14:17:56.2, including columns for code, station name, frequency, power, and other technical details.

IDC 24 14:40:24.1=7.5, 3:07N:127:68E, h54km, mb4km, mb2.9/3, s-maj 3.2/3, mb1mx2.9=5.3, mbtmp3.2/3, Error ellipse: s-maj=111.1km s-min=26.5km az=68.0, Talaud Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Sorong, Warramunga Arr, Alice Springs, Makanchi Array.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Port Moresby, Warramunga Arr, Alice Springs, Stephens Creek, Tagayay City.

ISCJ 24 15:06:14.8, 37.21N, 28.08E, h5km, ML2.7/4
ISCJ 24 15:06:15.6, 0.5, 37.16N, 0.04, 28.10E, 0.04, h0km, Error ellipse: s-maj=6.5km s-min=3.9km az=19.4

CSEM 24 15:06:15.9, 0.2, 37.16N, 28.13E, h1km, ML2.7, Error ellipse: s-maj=7.2km s-min=4.2km az=17.0, Suspected Mining explosion.

DDA 24 15:06:16.6, 37.24N, 28.17E, h7km, ML2.4, Suspected Mining explosion.

ISC 24 15:06:14.4, 0.9, 37.17N, 0.04, 28.02E, 0.04, h0km, n22, c057/32, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Yerkesik, BDRM, AYDN, TURN, BODT, TAVA, FETIYE, AKAS, KARP, KORT.

TAP 24 15:07:41.3, 24.05N, 121.60E, h9km, ML1.8, C, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Chiawan, Hwalien, NACB, ENLB, ESL, WHF, OWA, EGFH, NNHS, TWT, ENTT, DPDB, SANB, NSK, SMLT, TYC, SLBB, TWF1, CHN5.

ISC 24 15:09:12.2, 1.7, 3.01S, 128.18E, h0km, mb3.2/4, mb1.3/4, mb1mx3.3/6, mbtmp3.2/5, ML3.0/1, Error ellipse: s-maj=104.2km s-min=20.2km az=61.0, Seram

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Warramunga Arr, Alice Springs, Stephens Creek, Chiang Mai Arr.

0.3nm, 0.4s, baz=108, slow=5.8, SNR=4.8
MKAR Makanchi Array 63.92 327 P P 15 19 48.0 +0.9

MAN 24 15:10:48, 10.09N, 123.26E, h9km, mb4.1, ML2.9, MS2.5, IC-4D, Cebu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TBP, LLLP, SNPH, GUIM, JAP, DCPH, RCP, MSLP, MSLP, OCLP, PAGZ, PAGZ.

CSEM 24 15:15:54.1, 0.3, 67.93N, 25.34E, h2km, ML0.9, Error ellipse: s-maj=7.0km s-min=6.4km az=120.0, Mining explosion.

UPP 24 15:15:55.4, 67.91N, 25.22E, h0km, ML0.5, Suspected Mining explosion.

HEL 24 15:15:54.9, 0.1, 67.93N, 25.43E, h0km, ML0.8, ML0.5(UPP), Explosion, Finland

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SGF, SGF, HEF, HEF, PAJU, PAJU, LANU, LANU, MASU, MASU, VRF, VRF, ARES, ARES, ARES, ERTU, ERTU, ERTU.

TAP 24 15:20:02.8, 24.27N, 122.10E, h23km, ML3.2 C

JMA 24 15:20:02.0, 0.1, 24.15N, 122.11E, h43km, 3km, M2.5

ISCJ 24 15:20:03.0, 0.3, 24.25N, 0.02, 122.17E, 0.02, h19km, 4km, Error ellipse: s-maj=3.5km s-min=2.2km az=156.0

ISC 24 15:20:01.7, 1.0, 24.20N, 0.02, 122.14E, 0.02, h17km, 8km, n64, c082/116, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EOS1, ENAH, ENAH, ENA, TWC, TWC, TWD, TWD, ENLB, ENLB, ILA, ILA, TWE, TWE, ENTT, ENTT, NTC, NTC, SLBB, SLBB, NNHS, NNHS, NNS, NNS, ESL, ESL, JYNG, JYNG, WHF, WHF, NWLT, NWLT, TWB1, TWB1, TWF1, TWF1, TIPB, TIPB, EGFH, EGFH, YOJ, YOJ, YOJ, YOJ, NSK, NSK.

Table with columns: TWT, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Tachien, Renai, Mucha, Wufen Shan, Hungye, Taian, YM04, Kuangyinshan, Emei, Guoxing, YM03, Naniang, Sun Moon Lake, Chenhua, Yuchr, Miaoili, Yu-Shan, Chengkung, Taichung, Zhushan, Mingjian, Alishan, Lidau, Tsangshan, Iriomote-Funau, Gukeng, Tsuyuan, Tsushan, Pinlang, Ta-pu, Kuro-shima, Nanshi, Jiasihan, Anshuo, Liugui, Ishigaki jima, Ishigakijimahi, Tarama, P'eng-hu, YWUC.

ISC 24 15:38:40.3, 0.9, 10.39N, 125.12E, h0km, mb3.4/7, mb1.3/7, mb1mx3.3/6, mbtmp3.4/7, Error ellipse: s-maj=54.9km s-min=17.2km az=77.0, Leyte

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA, Alice Springs, ASAJ, Songino Array, STKA, MKAR, YKA.

ISCJ 24 15:41:57.0, 0.4, 51.50N, 0.02, 16.24E, 0.03, h0km, Error ellipse: s-maj=3.5km s-min=2.8km az=22.7

CSEM 24 15:41:59.5, 0.4, 51.44N, 16.17E, h2km, ML3.2/6, Error ellipse: s-maj=6.8km s-min=6.0km az=71.0

ISC 24 15:42:00.9, 0.8, 51.42N, 16.16E, h0km, mb1.3/4/7, mb1mx3.1/6, mbtmp3.3/7, ML2.9/7, Error ellipse: s-maj=14.8km s-min=6.6km az=101.0

VIE 24 15:42:03.0, 0.8, 51.17N, 16.16E, h0km, mb2.3/5, ML2.5/6, Error ellipse: s-maj=5.8km s-min=4.8km az=11.0, Suspected Mining induced.

ISC 24 15:41:58.9, 0.7, 51.49N, 0.03, 16.19E, 0.02, h0km, n42

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KSP Ksiaz, UPC Ulice, DPC Dobruska-Polom, etc.

IDC 24 15:46:15.0, 58.0, 18.98S, 178.26W, h6km, mb3.7/3, mb1 3.9/3, mb1mx3.6/5, mbtmp3.7/3, Error ellipse: s-maj=1060.0km s-min=174.7km az=81.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs.

ISK 24 15:56:31.7, 38.56N, 31.84E, h6km, ML2.7/7, CSEM 24 15:56:32.0, 31.0, 38.56N, 31.81E, h5km, ML2.6, Error ellipse: s-maj=3.3km s-min=2.6km az=165.0, DDA 24 15:56:32.3, 38.55N, 31.80E, h7km, ML2.6

ISC 24 15:56:32.3, 1.1, 38.57N, 0.02, 31.81E, h4km, 10km, n35, 0.556/58, Turkey

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like DOGA KONYA_Doganhis, BOLV Bolvadin, CHBY Cihanbeyli, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BAGO Konya-Kulu, KKKUL Konya-Kulu, ESKTK Eskisehir, etc.

NIED 24 15:59:00, 38.30N, 142.40E, h11km, Mw3.6 Best double couple: M2, 45000, 1014, NP1, 199, 00000, 322, 00000, 1, 36, 00000, NP2, 323, 00000, 877, 00000, Az=108, 00000, ISCJB 24 15:59:37.0, 1.5, 38.24N, 0.03, 142.37E, h15km, 9km, mb3.5/8, Error ellipse: s-maj=6.6km s-min=4.9km az=18.5, IDC 24 15:59:36.5, 1.0, 38.19N, 142.38E, h0km, mb3.6/8, mb1 3.7/1, mb1mx3.5/6, mbtmp3.7/1, ML2.2/3, MS2.8/1, Ms1 2.8/1, ms1mx2.3/58, Error ellipse: s-maj=27.0km s-min=17.2km az=89.0, JMA 24 15:59:38.6, 0.1, 38.31N, 142.33E, h27km, 1km, M4.0 JMA Felt I J1, ISC 24 15:59:37.8, 2.0, 38.24N, 0.04, 142.31E, h9km, 11km, n24, 0.1939/38, mb3.7/8, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like JIO Ouri, OFJU Ofunato, JMK Ichinoseki, etc.

KRSC 24 16:19:08.2, 1.3, 49.20N, 157.08E, h6km, 19km, ML4.2, ISCJB 24 16:19:10.8, 0.8, 49.15N, 0.06, 156.4E, 0.1, h5km, 7km, mb3.7/7, Error ellipse: s-maj=13.9km s-min=5.4km az=38.0, SKHL 24 16:19:11.2, 1.1, 49.07N, 156.57E, h73km, 5km, mb4.5/4, MOS 24 16:19:11.3, 0.8, 49.23N, 156.17E, h53km, mb4.0/7, Error ellipse: s-maj=16.2km s-min=14.6km az=79.1, IDC 24 16:19:13.2, 9.9, 49.23N, 156.15E, h52km, 23km, mb3.4/14, mb1 3.6/19, mb1mx3.4/6, mbtmp3.7/19, ML3.2/4, MS2.8/1, Ms1 2.8/1, ms1mx2.4/37, Error ellipse: s-maj=27.5km s-min=17.3km az=127.0, ISC 24 16:19:13.3, 1.2, 49.18N, 0.07, 156.40E, h6km, 10km, n78, 0.1928/98, mb3.7/17, 2C, Kuril Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SKR Severo-Kuril's, SKR Kuril'sk, SKR Kuril'sk, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KOTR Mutnovka, MTRV Mutnovka, RUS Russkaya, etc.

IDC 24 16:22:33.4, 0.7, 32.03N, 142.24E, h0km, mb3.8/4, mb1 4.0/17, mb1mx3.6/5, mbtmp3.8/17, ML3.6/4, Error ellipse: s-maj=19.9km s-min=15.4km az=82.0, ISCJB 24 16:22:35.0, 5.0, 32.11N, 0.04, 142.18E, 0.06, h29km, mb3.8/14, Error ellipse: s-maj=7.8km s-min=4.3km az=148.8, JMA 24 16:22:38.1, 0.2, 32.24N, 142.14E, h81km, M3.5, ISC 24 16:22:37.3, 0.6, 32.07N, 0.05, 142.20E, h0km, h29km, n33, 0.1524/47, mb3.8/14, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like JHCJ Hachiojimakas, JHCJ Mitsune, JHCJ Hachiojima, etc.

PETK	Petrovavlovsk- comp=Z,124nm,18.8s, baz=215,slow=43	23.75 23 LR	LR	17 42 06.6
PET	Petrovavlovsk- comp=Z,24.01 25 eP	24.01 25 eP	P	17 30 17.2 +0.6
PET	Petrovavlovsk- comp=Z,50nm,1.3s	24.01 25 eP	P	17 30 16.6 0.0
WHN	Wuhan	24.01 272 P	P	17 30 17.5 +0.6
HIA	Hailar	24.17 324 eP	P	17 30 17.7 -0.5
HIA	comp=Z,32nm,1.1s		Pmax	
HIA	Hailar	24.17 322 eP	P	17 30 17.7 -0.5
ZEA	Zeya	24.24 338 eP	P	17 30 19.2 +0.4
ZEA	comp=E,24nm,1.0s		Pmax	
ZEA	comp=N,55nm,0.9s		Pmax	
ZEA	comp=Z,59nm,0.9s		Pmax	
ZEA	comp=Z,400nm,16.0s		MLR	
HHC	Hu-ho-hao-te	26.22 298 eP	P	17 30 37.3 +0.3
HHC		26.22 298 eP	P	17 30 46.6 +2.6
HHC		26.22 298 eP	P	17 30 50.8 +8.9
HHC		26.22 298 eP	P	17 35 04.9 -3.7
HHC		26.22 298 eP	P	17 35 20.6 +3.8
HHC	comp=Z,11nm,0.8s		Pmax	
HHC	comp=Z,75nm,4.5s		LR	
HHC	comp=Z,1µm,18.7s		LR	
HHC	comp=Z,850nm,16.2s		LR	
HHC	comp=Z,750nm,16.2s		LR	
BTO	Baotou	27.34 297 eP	P	17 30 46.8 -0.3
CLNS	Chul'man	27.58 339 eP	P	17 30 49.8 +0.8
CLNS	comp=Z,33nm,1.1s		Pmax	
CLNS	comp=N,22nm,1.1s		Pmax	
CLNS	comp=E,7.0nm,1.1s		Pmax	
MA2	Magadan	28.07 9 LR	LR	17 42 08.9
MA2	Magadan	28.07 9 LR	LR	17 30 53.8 +0.5
XAN	Xitan	28.08 283 pP	P	17 30 53.0 +0.8
XAN		28.08 283 pP	P	17 31 04.0 +3.3
XAN	comp=E,14nm,0.9s		Pmax	
XAN	comp=E,270nm,4.7s		Pmax	
ENH	Enshi	28.18 275 eP	P	17 30 54.2 -0.4
ULN	Ulanbaatar	31.04 311 d/P	Pmax	17 31 21.3 +1.3
ULN	Ulanbaatar	31.04 311 eP	P	17 31 21.1 +1.1
YAK	Yakutsk	31.09 348 eP	P	17 31 20.0 0.0
YAK	comp=Z,5.7nm,0.4s,baz=18,slow=8.5		Pmax	
YAK	Yakutsk	31.09 348 eP	P	17 31 18.9 -1.1
YAK		31.09 348 eP	P	17 31 23.5 -1.4
YAK		31.09 348 eP	P	17 32 22.1
YAK		31.09 348 eP	P	17 36 26.1 +1.6
YAK		31.09 348 eP	P	17 38 14.4 +8.5
YAK		31.09 348 eP	P	17 38 31.4
YAK	comp=Z,15nm,1.1s		Pmax	
YAK	comp=N,9.0nm,1.1s		Pmax	
YAK	comp=E,2.0nm,1.4s		Pmax	
YAK	comp=N,141nm,5.4s		smax	
YAK	comp=E,120nm,4.8s		smax	
YAK	Yakutsk	31.09 348 eP	P	17 31 19.9 -0.1
YAK	comp=E,57nm,1.6s		Pmax	
SONA1	Songino Array	31.45 311 eP	P	17 31 24.5 +0.9
SONA0	Songino Array	31.46 311 eP	P	17 31 24.8 +1.2
SONM	Songino Array	31.46 311 P	P	17 31 24.8 +1.2
SONM	comp=E,6.5nm,0.8s,baz=116,slow=8.4,SNR=49		LR	
SEY	Seymchan	31.53 9 P	P	17 31 24.4 +0.6
SEY	Guinyang	31.60 269 i/P	P	17 31 26.1 +1.0
GYA		31.60 269 i/P	P	17 31 35.4 +3.4
GYA		31.60 269 i/P	P	17 32 30.0 +1.4
GYA		31.60 269 i/P	P	17 36 30.5 -3.0
GYA		31.60 269 i/P	P	17 36 47.3 +5.6
GYA		31.60 269 i/P	P	17 38 20.0 +0.7
GYA	comp=E,20nm,0.8s		Pmax	
GYA	comp=E,120nm,5.0s		LR	
GYA	comp=E,520nm,17.6s		LR	
GYA	comp=E,490nm,17.8s		LR	
GYA	comp=E,470nm,17.9s		LR	
LZH	Lanzhou	32.06 288 eP	P	17 31 29.3 +0.2
LZH		32.06 288 eP	P	17 31 38.3 +2.2
LZH		32.06 288 eP	P	17 31 42.1 +8.0
LZH		32.06 288 eP	P	17 32 34.0 -0.6
LZH		32.06 288 eP	P	17 36 36.0 -4.7
LZH	comp=E,11nm,1.0s		Pmax	
LZH	comp=E,110nm,6.0s		LR	
LZH	comp=E,400nm,15.4s		LR	
LZH	comp=E,380nm,15.1s		LR	
LZH	comp=E,410nm,15.9s		LR	
BOD	Bodaibo	32.23 331 eP	Pmax	17 31 29.9 -0.2
BOD	comp=Z,23nm,1.3s		Pmax	
CD2	Chengdu	32.88 278 P	P	17 31 38.9 +2.7
CD2	comp=Z,20nm,0.5s		Pmax	
ZAK	Zakamensk	34.16 314 eP	P	17 31 45.9 -1.3
ZAK	comp=Z,8.0nm,1.5s		Pmax	
TLY	Talaya	34.36 316 eP	P	17 31 49.7 +0.9
TLY	comp=Z,14nm,1.1s		MLR	
TLY	comp=Z,82nm,14.0s		MLR	
TLY	comp=Z,11nm,1.0s		MLR	
GTA	Gaotai	35.10 294 P	P	17 31 55.4 -0.1
GTA		35.10 294 P	P	17 32 03.9 +1.4
GTA		35.10 294 P	P	17 32 08.3 +7.8
GTA		35.10 294 P	P	17 37 25.6 -2.0
GTA		35.10 294 P	P	17 37 42.8 +7.0
GTA	comp=Z,5.0nm,1.3s		Pmax	
GTA	comp=Z,100nm,4.9s		LR	
GTA	comp=Z,260nm,17.1s		LR	
GTA	comp=Z,260nm,17.1s		LR	
GTA	comp=Z,290nm,17.7s		LR	
MOY	Mondy	35.92 315 eP	P	17 32 03.1 +0.7
BILL	Bilibino	38.59 14 i/P	P	17 32 23.6 -1.0
BILL		38.59 14 i/P	P	17 32 32.3
BILL	comp=Z,3.0nm,1.0s		MLR	
BILL	comp=Z,96nm,19.0s		MLR	
HVS	Khovu-Aksy	40.25 313 i/P	Pmax	17 32 40.3 +1.4
HVS	comp=Z,24nm,1.6s		Pmax	
TIXI	Tiksi	40.31 353 i/P	Pmax	17 32 38.7 -0.2
TIXI	comp=Z,8.0nm,0.8s		Pmax	
TIXI	Tiksi	40.31 353 eP	P	17 32 38.5 -0.4
TIXI	comp=Z,8.1nm,0.9s		Pmax	
CHTO	Chiang Mai	41.16 262 eP	P	17 32 45.4 -1.2

CHTO	comp=Z,3.0nm,0.9s		Pmax	
CHTO	Chiang Mai	41.16 262 eP	P	17 32 45.4 -1.2
CMAR	Chiang Mai Arr	41.32 262 eP	P	17 32 45.8 -2.2
CMAR	Chiang Mai Arr	41.32 262 P	P	17 32 47.4 -0.6
CMAR	comp=Z,1.0nm,0.8s,baz=52,slow=7.4,SNR=5.9		LR	
CMAR	Chiang Mai Arr	41.32 262 eP	LR	17 51 43.0
CM01	Kuching	42.92 231 eP	P	17 32 46.5 -1.5
KSM	Kuching	42.92 231 eP	P	17 33 00.8 -0.2
LSA	Lhasa	43.73 281 eP	P	17 33 08.2 +0.2
LSA	comp=Z,8.0nm,1.3s		Pmax	
LSA	Lhasa	43.73 281 eP	P	17 33 08.2 +0.2
LSA	comp=Z,8.5nm,1.3s		Pmax	
WMQ	Urumqi	43.99 302 P	P	17 33 10.8 +1.3
WMQ		43.99 302 P	P	17 33 20.6 +4.1
WMQ	comp=Z,56nm,1.7s		Pmax	
WMQ	comp=Z,620nm,4.7s		Pmax	
WMQ	comp=Z,250nm,15.5s		LR	
WMQ	comp=Z,150nm,19.9s		LR	
WMQ	comp=Z,140nm,25.1s		LR	
ZAA0	Zalesovo Array	45.97 316 eP	P	17 33 24.4 -0.6
ZAA0	comp=Z,10nm,1.1s		P	
ZAA0	Zalesovo Beam	45.97 316 eP	P	17 35 07.7 -0.8
ZAA0	comp=Z,4.7nm,0.7s,baz=99,slow=6.3,SNR=18		P	17 33 24.9 0.0
ZAA0	Zalesovo Beam	45.97 316 eP	P	17 35 01.3 -0.2
ZAA0	comp=Z,2.0nm,0.6s,baz=104,slow=2.8,SNR=4.4		P	17 33 24.4 -0.6
ZAA0	Zalesovo Beam	45.97 316 eP	P	17 35 00.9 -0.5
ZAA0	Zalesovo Array	45.97 316 eP	P	17 33 24.9 0.0
ZAA0	comp=Z,2.5nm,1.9s		P	17 35 01.3 -0.2
ZAA0	Novosibirsk	46.96 317 i/P	P	17 33 33.2 +0.5
ZAA0	comp=N,4.0nm,1.3s		Pmax	
ZAA0	NVS	comp=E,10.0nm,1.3s	Pmax	
ZAA0	NVS	comp=Z,14nm,1.3s	Pmax	
ZAA0	KULM	47.24 245 eP	P	17 33 35.3 -0.1
ZAA0	comp=Z,19nm,1.6s		P	
ZAA0	TAPN	47.34 279 eP	P	17 33 36.9 +0.5
ZAA0	comp=Z,8.1nm,0.4s		P	
ZAA0	MK01	47.59 306 eP	P	17 33 37.5 -0.2
ZAA0	MK31	47.59 306 i/P	P	17 33 37.8 0.0
ZAA0	MK31	47.59 306 eP	Pmax	
ZAA0	comp=Z,16nm,0.9s		P	
ZAA0	MK31	47.59 306 eP	P	17 33 37.9 0.0
ZAA0	MK32	47.59 306 eP	P	17 33 38.4 +0.6
ZAA0	MKAR	47.59 306 eP	P	17 33 38.4 +0.6
ZAA0	MKAR	47.59 306 eP	P	17 33 37.9 +0.1
ZAA0	MKAR	47.59 306 eP	Pmax	
ZAA0	comp=Z,68nm,0.8s		P	
ZAA0	MKAR	47.59 306 eP	P	17 33 37.9 +0.1
ZAA0	ODAN	47.77 279 eP	P	17 33 40.5 +0.8
ZAA0	comp=Z,25nm,0.9s		P	
ZAA0	MAKZ	47.81 306 eP	P	17 33 39.6 +0.2
ZAA0	MAKZ	47.81 306 eP	Pmax	
ZAA0	comp=Z,14nm,1.1s		P	
ZAA0	MAKZ	47.81 306 eP	P	17 33 39.6 +0.2
ZAA0	RAMN	48.40 279 eP	P	17 33 44.8 +0.2
ZAA0	comp=Z,14nm,1.1s		P	
ZAA0	JIRN	48.51 280 eP	P	17 33 46.4 +0.9
ZAA0	comp=Z,30nm,0.7s		P	
ZAA0	GUN	48.68 281 eP	P	17 33 48.1 +1.2
ZAA0	comp=Z,175nm,0.3s		P	
ZAA0	SVW2	49.04 35 eP	P	17 33 49.2 +0.5
ZAA0	comp=Z,49nm,1.8s		P	
ZAA0	PKI	49.19 280 eP	P	17 33 50.9 +0.2
ZAA0	Pulchok	49.20 280 eP	P	17 33 51.2 +0.5
ZAA0	comp=Z,5.6nm,0.3s		P	
ZAA0	PKIN	49.20 280 eP	P	17 33 51.2 +0.5
ZAA0	Phulchok	49.20 280 eP	P	17 33 51.2 +0.5
ZAA0	comp=Z,7.1nm,0.4s		P	
ZAA0	KKN	49.22 281 eP	P	17 33 51.9 +1.0
ZAA0	Kakani	49.22 281 eP	P	17 33 52.7 +0.2
ZAA0	DMN	49.43 280 eP	P	17 33 52.7 +0.2
ZAA0	Dama	49.43 280 eP	P	17 33 52.7 +0.2
ZAA0	GKN	49.69 281 eP	P	17 33 54.7 +0.4
ZAA0	Gorkha	49.69 281 eP	P	17 33 54.7 +0.4
ZAA0	comp=Z,0.9nm,0.3s		P	
ZAA0	KURK	49.75 312 P	P	17 33 53.3 -1.0
ZAA0	Kurchatov	49.75 312 P	Pmax	
ZAA0	comp=Z,25nm,1.0s		P	
ZAA0	KURK	49.75 312 eP	P	17 33 54.1 -0.2
ZAA0	Kurchatov	49.75 312 eP	P	17 33 54.7 -0.1
ZAA0	comp=Z,22nm,1.0s		P	
ZAA0	KURB	49.81 312 P	P	17 33 54.7 -0.1
ZAA0	Kurchatov	49.81 312 P	P	17 33 54.7 -0.1
ZAA0	comp=Z,2.0nm,0.8s,baz=199,slow=7.5,SNR=48		P	
ZAA0	PDGK	49.97 302 i/P	P	17 33 56.1 -0.2
ZAA0	Podgornoye	49.97 302 i/P	Pmax	
ZAA0	comp=Z,15nm,1.1s		P	
ZAA0	LHMI	50.16 248 eP	P	17 33 58.1 +0.3
ZAA0	Lhok Sumawo	50.16 248 eP	P	17 33 58.1 +0.3
ZAA0	comp=Z,7.8nm,1.0s		P	
ZAA0	KDAD	50.32 39 eP	P	17 33 58.5 0.0
ZAA0	Kodiak Island	50.32 39 eP	P	17 33 58.5 0.0
ZAA0	comp=Z,7.9nm,0.8s,baz=199,slow=6.0,SNR=2.8		P	
ZAA0	KDAD	50.32 39 eP	P	17 33 57.8 -0.7
ZAA0	Kodiak Island	50.32 39 eP	Pmax	
ZAA0	comp=Z,188nm,1.8s		P	
ZAA0	KDAD	50.32 39 eP	P	17 33 57.8 -0.7
ZAA0	Kodiak Island	50.32 39 eP	P	17 33 57.8 -0.7
ZAA0	comp=Z,188nm,1.8s		P	
ZAA0	KOLN	50.63 281 eP	P	17 34 02.4 +0.9
ZAA0	Koldana	50.63 281 eP	P	17 34 02.4 +0.9
ZAA0	comp=Z,4.6nm,0.3s		P	
ZAA0	SPU	50.75 35 eP	P	17 34 02.3 +0.5
ZAA0	Mount Spurr	50.75 35 eP	P	17 34 02.3 +0.5
ZAA0	PPLA	50.83 32 eP	P	17 34 03.5 +1.1
ZAA0	Purkeypile	50.83 32 eP	P	17 34 03.5 +1.1
ZAA0	comp=Z,39nm,1.7s		P	
ZAA0	CAST	50.93 32 eP	P	17 34 03.2 +0.2
ZAA0	Castle Rocks	50.93 32 eP	P	17 34 03.2 +0.2
ZAA0	comp=Z,6.1nm,0.9s		P	
ZAA0	SUA	51.40 34 eP	P	17 34 06.0 -0.8
ZAA0	Susitna One	51.40 34 eP	P	17 34 06.0 -0.8
ZAA0	comp=Z,8.2nm,0.9s		P	
ZAA0	KTH	51.46 32 eP	P	17 34 08.6 +1.5
ZAA0	Kantishna Hill	51.46 32 eP	P	17 34 08.6 +1.5
ZAA0	comp=Z,12m,1.2s		P	
ZAA0	BPWA	51.48 31 eP	P	17 34 08.0 +0.9
ZAA0	Bear Paw Mtn.	51.48 31 eP	P	17 34 08.0 +0.9
ZAA0	comp=Z,24nm,1.9s		P	
ZAA0	TRF	51.73 32 eP	P	17 34 09.8 +0.5
ZAA0	Thorfare Moun	51.73 32 eP	P	17 34 09.8 +0.5
ZAA0	comp=Z,33nm,1.6s		P	
ZAA0	COLD	52.13 27 eP	P	17 34 12.8 +0.8

24d 17h

Table with columns: RES, Resolite Bay, 67.20 14 eP, P, 17 35 55.5 -0.1, etc. Lists various stations and their coordinates and status.

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Table with columns: OJC, Ojcow, 83.63 327 eP, P, 17 37 31.2 +0.8, etc. Lists stations and their coordinates and status.

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Table with columns: BRY, Bratogost, 0.63 312 P, P, 17 31 49.2 -0.1, etc. Lists stations and their coordinates and status.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like KZN, MDVR, KKB, KKK, KSGD, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like SMTH, VOJS, OBKA, ARS, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like PGF, PFG, PGN, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GURO, AGRB Hanur-Agry, AGRB Hanur-Agry, HAKT HAKKARI, HAKT HAKKARI.

UPP 24 17:53:28.4, 67.86N:20.11E, h0km, ML2.0, Suspected Mining explosion.

CSEM 24 17:53:29.2, 0.3, 67.82N:20.42E, h2km, ML2.0, Error ellipse: s-maj=6.9km s-min=5.9km az=39.0, Mining explosion.

BER 24 17:53:34.8, 2.3, 67.93N:20.32E, h0km, ML1.6, Suspected explosion.

HEL 24 17:53:29.0, 0.1, 67.85N:20.08E, h0km, ML1.8, ML2.0(UPP), Explosion, Sweden

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KUA Kurravaara, KUA Kurravaara, KUA Kurravaara, RATU Laukkuluppa, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KIF Kurravaara, KIF Kurravaara, KIF Kurravaara.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ERTU Ertsjaerv, ERTU Ertsjaerv, ERTU Ertsjaerv.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like STEI Steigen, STEI Steigen, STEI Steigen.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TRO Tromsø, TRO Tromsø, TRO Tromsø.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KALU Kalix, KALU Kalix, KALU Kalix.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TOF Tornio, TOF Tornio, TOF Tornio.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LOF Lofoten, LOF Lofoten, LOF Lofoten.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SGF Sodankyl, SGF Sodankyl, SGF Sodankyl.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like AREO ARCESS Array S, AREO ARCESS Array S, AREO ARCESS Array S.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MOR8 Moi Rana, MOR8 Moi Rana, MOR8 Moi Rana.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KONS Kongsvik, KONS Kongsvik, KONS Kongsvik.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like HAMF Hammerfest, HAMF Hammerfest, HAMF Hammerfest.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BURU Burvik, BURU Burvik, BURU Burvik.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like OUL Oulu, OUL Oulu, OUL Oulu.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PDSI Padang, PDSI Padang, PDSI Padang.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PPSI Pulau Pagai, PPSI Pulau Pagai, PPSI Pulau Pagai.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SISI Saiba, SISI Saiba, SISI Saiba.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MANSI Mauna Aman, Be, MANSI Mauna Aman, Be.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BKNI Bangkinang, BKNI Bangkinang, BKNI Bangkinang.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MNSI Mandailing Nat, MNSI Mandailing Nat, MNSI Mandailing Nat.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MNAI Manna, MNAI Manna, MNAI Manna.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GSI Gunungsitoli, GSI Gunungsitoli, GSI Gunungsitoli.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TPRI Tanjung Pinang, TPRI Tanjung Pinang, TPRI Tanjung Pinang.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like IPM Ipo, IPM Ipo, IPM Ipo.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KULM Kulim, KULM Kulim, KULM Kulim.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LHMI Lhok Sumawe, LHMI Lhok Sumawe, LHMI Lhok Sumawe.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CISM Cismpet, Garu, CISM Cismpet, Garu.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like JAGI Jajag, Banyuw, JAGI Jajag, Banyuw.

mb1 3.6/5, mb1mx3.6/66, mbtmp3.3/5, ML3.1/4, Error ellipse: s-maj=48.3km s-min=7.8km az=147.0

NEIC 24 18:26:12.3, 0.5, 44.11N:105.22W, h0km, ML3.1, Error ellipse: s-maj=8.3km s-min=6.3km az=146.0, Suspected Mining explosion.

NEIC 31 km [19 miles] SE of Gillette. ISC 24 18:26:12.9, 0.8, 44.12N:104.105:30W:0.05, h0km, n30, c129/34, Wyoming

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like RSSD Black Hills, RSSD Black Hills, RSSD Black Hills.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like K22A Casper, K22A Casper, K22A Casper.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like K22A Casper, K22A Casper, K22A Casper.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LAO Lasa Array, LAO Lasa Array, LAO Lasa Array.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like RLMT Red Lodge, RLMT Red Lodge, RLMT Red Lodge.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like N23A Red Lodge, N23A Red Lodge, N23A Red Lodge.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PDAR Eagleton, PDAR Eagleton, PDAR Eagleton.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BW06 Boulder Array, BW06 Boulder Array, BW06 Boulder Array.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BW06 Boulder Array, BW06 Boulder Array, BW06 Boulder Array.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like H17A Grant Village, H17A Grant Village, H17A Grant Village.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like H17A Ogallala, H17A Ogallala, H17A Ogallala.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ISCO Idaho Springs, ISCO Idaho Springs, ISCO Idaho Springs.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ISCO Idaho Springs, ISCO Idaho Springs, ISCO Idaho Springs.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DGMT Dagmar, DGMT Dagmar, DGMT Dagmar.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like AHID Auburn Hatcher, AHID Auburn Hatcher, AHID Auburn Hatcher.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BOZ Bozeman (W), BOZ Bozeman (W), BOZ Bozeman (W).

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BOZ Bozeman (W), BOZ Bozeman (W), BOZ Bozeman (W).

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like EGMT Eagleton, EGMT Eagleton, EGMT Eagleton.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ECSD EROS Data Cent, ECSD EROS Data Cent, ECSD EROS Data Cent.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DUG Dugway, Tooele, DUG Dugway, Tooele.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like AGMN Agassiz Nation, AGMN Agassiz Nation, AGMN Agassiz Nation.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like I0CA LAC DU BONNET, I0CA LAC DU BONNET, I0CA LAC DU BONNET.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ULM Lac du Bonnet, ULM Lac du Bonnet, ULM Lac du Bonnet.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ULM Lac du Bonnet, ULM Lac du Bonnet, ULM Lac du Bonnet.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like NVAR Mina Array Bea, NVAR Mina Array Bea, NVAR Mina Array Bea.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like YKA Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MAN 24 18:41:14, MAN 24 18:41:14, MAN 24 18:41:14.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GUIM Jordan, GUIM Jordan, GUIM Jordan.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LLP Lapu-Lapu, LLP Lapu-Lapu, LLP Lapu-Lapu.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LLP Lapu-Lapu, LLP Lapu-Lapu, LLP Lapu-Lapu.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SNPH Sibulan, SNPH Sibulan, SNPH Sibulan.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SNPH Sibulan, SNPH Sibulan, SNPH Sibulan.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like RCP Roxas, RCP Roxas, RCP Roxas.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MSLP Maasin, MSLP Maasin, MSLP Maasin.

ASAR 0.2nm, 0.5s, baz=301, slow=7.8, SNR=26 PpP

AS01 Alice Springs 39.09 126 eP P

SONAR Songia Array 49.77 5 eP P

SONM Songino Array 49.77 5 P P

SONA1 Songino Array 49.78 5 eP P

AAK Ala-Archa 50.06 335 eP P

MK01 Makanchi Array 50.97 344 eP P

MK31 Makanchi Array 50.99 344 eP P

MK32 Makanchi Array 50.99 344 eP P

MKAR Makanchi Array 50.99 344 eP P

MKAR Makanchi Array 50.99 344 eP P

MAK2 Makanchi 51.09 344 eP P

KURBB Kurchatov Arr 55.52 343 P P

KURK Kurchatov 55.57 343 eP P

ZAA0 Zalesovo Array 57.10 349 eP P

ZALV Zalesovo Beam 57.10 349 P P

ZALV Zalesovo Beam 57.10 349 eP P

ZAA1 Zalesovo Array 57.10 349 eP P

ABKAR Akkuk array 61.69 331 eP P

ARA0 ARCESS Array S 86.46 340 eP P

ARCES ARCESS Array B 86.46 340 eP P

TXAR Lajlat Array 144.38 38 PKP P

ROM 24 18:51:08.6, 0.4, 45.40N:6.61E, h6km, 2km, Md2.1/7, M1.8/5, Error ellipse: s-maj=4.6km s-min=2.1km az=110.0

CSEM 24 18:51:08.7, 0.1, 45.42N:6.53E, h10km, ML2.5/24, Error ellipse: s-maj=1.8km s-min=1.3km az=61.0

LDG 24 18:51:09.6, 0.1, 45.42N:6.55E, h2km, Md2.5/4, ML2.5/17, Error ellipse: s-maj=1.8km s-min=1.3km az=66.0

GEN 24 18:51:09.1, 45.43N:6.54E, h6km, ML1.8

ZUR 24 18:51:09.0, 45.42N:6.57E, h5km, ML2.0/7

STR 24 18:51:10.5, 0.1, 45.32N:0.01:6.40E:0.01, h10km, MLV2.5/20

ISC 24 18:51:09.3, 0.8, 45.42N:0.01:6.53E:0.02, h9km, 7km, n106, c095/171, 9C, France

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LPL La Plagne, LPL La Plagne, LPL La Plagne.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LPL La Plagne, LPL La Plagne, LPL La Plagne.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LPL La Plagne, LPL La Plagne, LPL La Plagne.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LPL La Plagne, LPL La Plagne, LPL La Plagne.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LPL La Plagne, LPL La Plagne, LPL La Plagne.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LPL La Plagne, LPL La Plagne, LPL La Plagne.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LPL La Plagne, LPL La Plagne, LPL La Plagne.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LPL La Plagne, LPL La Plagne, LPL La Plagne.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LPL La Plagne, LPL La Plagne, LPL La Plagne.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LPL La Plagne, LPL La Plagne, LPL La Plagne.

24d 19h

Table with columns: KLU, Klutina, 62.90 30 eP, P, 19 19 37.8 +1.0, KSH, Kashi, 62.96 305 P, P, 19 19 40.8 +3.1, KSH, Ala-Archa, 63.12 26 eP, P, 19 19 37.2 -0.8, etc.

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Table with columns: KLMR, Klumovskoe, 81.30 332 eP, P, 19 21 24.3 -2.0, KLMR, comp=Z,12nm,0.8s, 81.30 332 eP, AMP, P, 19 21 26.8, KLMR, comp=Z,12nm,0.8s, 81.30 332 eP, AMP, P, 19 21 26.8, etc.

1308

Table with columns: BR101, Keskin Array B, 94.12 314 P, P, 19 22 28.1 -0.9, BR101, Keskin Array B, 94.12 314 P, P, 19 22 28.1 -0.9, BR101, Keskin Array B, 94.12 314 P, P, 19 22 28.1 -0.9, etc.

1309

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KKM, EDFI, KBKI, SOEI, etc.

2012 FEB

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like CBJU, UTHA, NANT, PHRA, etc.

24d 19h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like LZH, HHC, HNC, etc.

Table with columns: JOF, comp, pmax, pmax, and various station codes (BR101, BR131, BRTR, etc.) and their corresponding data.

Table with columns: CPUP, Villa Florida, 155.04 172, ePKIPK, PKPdf, 19 32 10.4 -1.5, and other station codes.

ISCJB 24 20:01:14.2 5.0 6.43:76N:0:04:105:21W:0:07, h0km, Error ellipse: s-maj=8.2km s-min=5.8km az=27.5

NEIC 24 20:01:14.2 2.0 9.43:57N:105:13W:ML3.2, Error ellipse: s-maj=14.7km s-min=9.2km az=126.0, Suspected Mining explosion.

NEIC 79 km [49 miles] WSW of Newcastle. ISC 24 19:14:42.0 9.43:57N:105:19W:0:06, h0km, n26, e193:26, Wyoming

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, and various station codes (RSSD, K22A, LAO, etc.) and their corresponding data.

GUC 24 19:45:06.9 0.7, 35:21S:72:74W, h20km, ML3.6, 1D, Near coast of central Chile.

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, and various station codes (GO05, COCH, NICH, etc.) and their corresponding data.

ISCJB 24 20:01:12.6 0.5 43:52N:0:04:105:19W:0:05, h0km, Error ellipse: s-maj=6.3km s-min=5.3km az=153.8

NEIC 24 20:01:13.4 0.6 43:51N:105:25W, h0km, ML3.0, Error ellipse: s-maj=9.4km s-min=7.8km az=140.0, Suspected Mining explosion.

NEIC 85 km [53 miles] E of Midwest. ISC 24 20:01:13.1 0.9, 43:52N:105:33W:0:04, h0km, n24, e150:25, Wyoming

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, and various station codes (RSSD, K22A, K22A, etc.) and their corresponding data.

Table with columns: EGMT, IIOCA, ULM, YKA, and various station codes (Eagleton, LAC DU BONNET, etc.) and their corresponding data.

ISCJB 24 20:01:47.0 0.2, 14:46N:0:02:90:79W:0:02, h165km, 2km, mb4.5/78, Error ellipse: s-maj=5.0km s-min=2.3km az=42.7

UCR 24 20:01:48.2 2.1, 14:77N:90:48W, h149km, 7km, ML4.5, mb4.7/NEIC

NEIC 24 20:01:48.1 0.3, 14:47N:90:73W, mb4.7/90, MD4.7 (MEX), Error ellipse: s-maj=7.4km s-min=4.1km az=219.0

NEIC Felt at San Pedro La Laguna. IDC 24 20:01:48.6 0.6, 14:76N:90:26W, h161km, 2km, mb3.8/17, mb1.0/19, mb1mx3.9/48, mbtmpt4.3/19, Error ellipse: s-maj=19.3km s-min=8.5km az=59.0

MEX 24 20:01:49.5 0.5, 14:60N:90:77W, h153km, 11km, MD4.7, ISC 24 20:01:48.0 0.4, 14:53N:0:05:90:70W:0:04, h161km, 3km, h162km, p-P, n478, e193:4/540, mb4.6/78, 6C-7D,

Guatemala Code Station Name Δ AZ Phase ID Time Res and various station codes (IXG, MRL, MFR, etc.) and their corresponding data.

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, and various station codes (RSSD, K22A, LAO, etc.) and their corresponding data.

CMIG comp=N,20m,0.3s, baze=142,slow=8.1,SNR=557 S Sn 20 03 45.8 -7.8

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, and various station codes (XAVN, TISN, MAGNA, etc.) and their corresponding data.

ISCJB 24 20:01:12.6 0.5 43:52N:0:04:105:19W:0:05, h0km, Error ellipse: s-maj=6.3km s-min=5.3km az=153.8

NEIC 24 20:01:13.4 0.6 43:51N:105:25W, h0km, ML3.0, Error ellipse: s-maj=9.4km s-min=7.8km az=140.0, Suspected Mining explosion.

NEIC 85 km [53 miles] E of Midwest. ISC 24 20:01:13.1 0.9, 43:52N:105:33W:0:04, h0km, n24, e150:25, Wyoming

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, and various station codes (RSSD, K22A, K22A, etc.) and their corresponding data.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Rows include: 454A Quitman, 244A Avery, Jackson, 245A Little A, Sta, 242A Grayson, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Rows include: SDV Santo Domingo, SDV Santo Domingo, PLAL Pickwick Lake, W41B Gary Mavity, X301 Greenbrier Sit, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Rows include: S35A Otter Creek Ra, H5IG comp=N,17nm,0.8s, R42A Luebbing, R43A Red Bud, R44A Waltonville, R41A Rosebud, etc.

Table with columns: Station Name, Azimuth, Altitude, Phase, ID, Time, Res. Includes stations like O20A White River Ci, BELC Belle Mtn. Jns, H38A Maiden Rock, etc.

Table with columns: Station Name, Azimuth, Altitude, Phase, ID, Time, Res. Includes stations like F10A Beach Ranch, YBH Yreka Blue Hor, J04D Umpqua Nationa, etc.

Table with columns: Station Name, Azimuth, Altitude, Phase, ID, Time, Res. Includes stations like JYA Atsumi, JYA MJAR, MJAR Matusushiro Arr, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase, ID, Time, Res. Includes stations like CRLZ Canterbury Las, CRLZ Canterbury Las, MOZ McQueen's Vall, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase, ID, Time, Res. Includes stations like RAO Raoul Island, RAO Raoul Island, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase, ID, Time, Res. Includes stations like YOVA Hakkari Y...kse, YOVA Hakkari Y...kse, YOVA Hakkari Y...kse, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase, ID, Time, Res. Includes stations like MKAR Makanchi Array, MKAR Kurchatov Arr, MKAR Kurchatov Arr, etc.

24d 21h

SONM Songino Array 16.83 43 Pn Pn 20 33 34.3 +0.2
SONM 0.1nm,0.3s,baz=229,slo=15,SNR=11
SONM Lg Lg 20 38 18.8
ZALV 0.0nm,0.3s,baz=236,slo=26,SNR=3.4
Zaleso 17.48 351 P Pn 20 33 41.8 -0.2

MAN 24 20:32:54,13.67N,120.53E,h88km,mb3.9,ML2.6,MS2.1, Mindoro
Code Station Name A° AZ° Phase ID Time Res
LUBP Lubang 0.29 282 Op ISC h m s ISC
LUBP 20 33 09.6 +2.5
LUBP 20 33 20.2 +3.3
PGP Puerto Galera 0.44 113 i P Pn 20 33 05.2 -3.0
SJMPP San Jose 1.33 155 eP Pn 20 33 19.2 +1.7
SJMPP 20 33 37.2 +1.8
BUSP Coron 1.69 191 eP Pn 20 33 23.3 +1.2
BUSP 20 33 45.4 +1.9
ENPP EI Nido 2.68 204 eP Pn 20 33 36.9 +1.7

IDC 24 20:34:50.0, 1.6, 26.90N, 143.70E, h0km, mb3.4/5, mb1 3.5/5, mb1mx3.7/1, mbtrp3.4/5, ML4.0/1, Error ellipse: s-maj=31.3km s-min=23.0km az=76.0
ISCJB 24 20:34:52.7, 1.3, 26.9N, 0.2, 143.7E, 0.1, h33km, mb3.4/5, Error ellipse: s-maj=23.4km s-min=14.7km az=12.4
ISC 24 20:34:54.8, 1.5, 27.0N, 0.1, 143.7E, 0.1, h35km, n7, c=139/8, mb3.6/5, Bonin Islands region

Code Station Name A° AZ° Phase ID Time Res
JCJ Chichijima 1.37 275 Pn Pn 20 35 16.9 -0.5
JCJ 10nm,0.3s,baz=92,slo=21,SNR=13
JCJ Sn Sn 20 35 34.5 +0.3
MJAR Matsushiro Arr 10.62 335 Pn Pn 20 37 22.4 -2.1
KLR Kuldur 24.07 341 P P 20 40 07.8 +1.1
SONM Songino Array 35.75 316 P P 20 41 51.8 +1.4
WRA Warrungarra Arr 47.51 319 P P 20 43 25.9 -0.8
MKAR Makanchi Array 51.60 314 P P 20 43 58.4 +0.7
KURBB Kurchatov Arr 54.10 314 P P 20 44 16.8 +0.8

ISCJB 24 20:38:18.8, 0.7, 51.43N, 0.04, -1.1E, 0.03, h0km, Error ellipse: s-maj=5.3km s-min=2.9km az=8.6
CSEM 24 20:38:19.8, 0.6, 51.48N, 16.09E, h2km, ML3.0/8, Error ellipse: s-maj=9.8km s-min=6.5km az=17.0
VIE 24 20:38:22.6, 0.8, 51.28N, 16.18E, h0km, mb2.2/2, ML2.4/5, Error ellipse: s-maj=8.5km s-min=5.7km az=75.0, Suspected Mining induced.
ISC 24 20:38:20.4, 1.1, 51.44N, 0.05, -16.10E, 0.03, h0km, n26, c=99/53, Poland

Code Station Name A° AZ° Phase ID Time Res
KSP Ksiadz 0.61 168 eP Pn 20 38 33.3 -0.7
UPC Upipe 0.94 183 eP Pn 20 38 39.3 -0.3
UPC comp=2.50nm,0.4s eSg Sb 20 38 52.5 0.0
UPC Upipe 0.94 183 Pg Sb 20 38 39.3 -0.3
UPC 50nm,0.4s eSg Sb 20 38 52.5 0.0
DPC Dobruska-Polom 1.10 172 eP Pn 20 38 42.0 -0.4
DPC 23nm,0.6s eSg Sb 20 38 56.7 -0.6
DPC Dobruska-Polom 1.10 172 Pg Sb 20 38 42.0 -0.4
DPC 23nm,0.6s eSg Sb 20 38 56.7 -0.6
BRG Berggiesshobel 1.47 248 Pn Pn 20 38 48.8 +0.7
BRG 24nm,0.4s eSg Sb 20 39 03.7 -0.1
GOPC GO Pecny, Ondr 1.74 209 eP Pn 20 38 53.7 -0.1
GOPC comp=2.6nm,0.2s eSg Sb 20 39 17.5 +1.1
GOPC GO Pecny, Ondr 1.74 209 Pg Pn 20 38 53.7 -0.1
GOPC 6.6nm,0.2s eSg Sb 20 39 17.5 +1.1
PRU Pruhonice 1.76 215 eP Pn 20 38 51.1 -1.0
PRU 46nm,1.8s eP Pn 20 38 53.6 0.0
PRU 20 39 17.8 +0.9
PRU comp=Z,11nm,0.3s eSg Sb 20 38 51.1 -1.0
PRU Pruhonice 1.76 215 Pn Pn 20 38 53.0 -1.7
PRU Colim 1.94 267 eP Pn 20 38 56.6 -0.1
PRU 20 38 59.3
PRU 20 39 22.9 +0.1
OKC Ostrava-Krasne 2.07 140 eP Pn 20 38 59.8 -0.3
OKC comp=Z,11nm,0.4s eSg Sb 20 39 26.2 -0.7
OKC Ostrava-Krasne 2.07 140 Pg Pn 20 38 59.8 -0.3
OKC 20 39 26.2 -0.7
NKC Novy Kostel 2.61 244 eP Pn 20 39 03.7 -0.2
NKC 20 39 09.8 -0.6
NKC 20 39 46.6 +2.4
NKC Novy Kostel 2.61 244 Pn Pn 20 39 03.7 -0.2
OJC Ojcow 2.65 116 eP Pn 20 39 11.3 +0.2
OJC 20 39 45.8 +0.3
Kasperks Hory 2.82 216 eP Pn 20 39 06.7 -0.1
KHC Khatulim 2.09 292 eP Pn 20 39 40.9 -0.6
KHC 20 39 50.4 -0.6
KHC Kaspersky Hory 2.82 216 Pn Pn 20 39 06.7 -0.1
LANS Liptovska Anna 1.35 195 eP Pn 20 39 19.5 -1.3
VYHS Vyhne 3.44 148 eSg Pn 20 40 01.5 -0.2
VYHS 20 40 29.2 +0.9
VYHS 20 40 08.9 -2.0
CONA Conrad Observa comp=Z,0.3nm,0.1s eP Pn 20 39 16.5 +0.1
CONA 20 40 13.5 0.0
CONA Conrad Observa comp=Z,4.7nm,0.3s eSg Pn 20 39 16.5 +0.1
CONA 20 40 13.5 0.0
CONA 20 40 13.5 0.0
MOA Molln comp=Z,4.7nm,0.3s eP Pn 20 39 20.8 +0.7
MOA 20 40 22.2 +0.2
MOA Molln comp=Z,0.8nm,0.1s eP Pn 20 39 20.8 +0.7
MOA 20 40 22.2 +0.2
MOA 20 40 22.2 +0.2
STHS Stebnicka Huta 3.87 120 eP Pn 20 39 35.4 +0.9
STHS 20 40 28.1 +3.5
STHS 20 40 34.2
ARSA Arzberg comp=Z,4.7nm,0.6s eP Pn 20 40 36.8 +1.1

NEIC 24 20:41:09.9, 0.0, 16.16N, 95.26W, h20km, MD4.2 (MEX), After MEX
MEX 24 20:41:09.9, 0.0, 16.16N, 95.26W, h20km, 21km, MD4.2, Oaxaca

Code Station Name A° AZ° Phase ID Time Res
HUIG Huatulco 0.91 245 i P Pn 20 41 24.7 -2.2
HUIG 20 41 35.1 -3.5
HUIG Huatulco 0.91 245 eS Sb 20 41 24.7 -2.2
HUIG 20 41 35.1 -3.5
PANG Puerto Angel 1.27 247 eP Pn 20 41 28.9 -3.6
PANG 20 41 44.9 -4.0
VHO Vista Hermosa 1.68 303 eP Pn 20 41 36.1 -2.3
VHO 20 41 55.2 -4.9
VHO Vista Hermosa 1.68 303 eP Pn 20 41 36.1 -2.3
VHO 20 41 55.2 -4.9
PCIG 2.01 103 eP Pn 20 42 03.0 -4.3
PCIG 2.01 103 eS Pn 20 42 03.0 -4.3
PCIG 2.01 103 eP Pn 20 41 41.7 -2.8

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TGIG i S Sn 20 42 07.3 -3.2
TGIG 2.14 73 eSn Pn 20 42 07.3 -3.2
PNIG Pinotepa 2.77 275 eP Pn 20 41 50.2 -2.9
PNIG 20 42 22.4 -3.6
CCIG Comitán 3.00 87 eP Pn 20 41 50.8 -5.7
CCIG Comitán 3.00 87 eP Pn 20 41 50.8 -5.7
TLIG Tlapa 3.46 294 eP Pn 20 42 09.0 -1.7
TLIG Tlapa 3.46 294 eP Pn 20 41 56.8 -6.1
LVIG Laguna Verde 3.71 343 eP Pn 20 42 01.0 -5.1

DJA 24 20:41:16.3, 2.3, 7°S, 26°W, 106E, 3'1, h138km, 26km, M3.7/4, MLV3.7/4, Jawa
Code Station Name A° AZ° Phase ID Time Res
LEMB Lembang 1.42 84 P Pn 20 41 44.1 -0.1
CISI Cisarua 1.70 109 P Pn 20 41 47.5 +0.3
CISI 20 42 11.5 +0.6
CMJI Cimerak 2.37 110 P Pn 20 41 55.0 -0.2
KPIU Karang Pucung 2.73 97 P Pn 20 41 59.9 +0.1

IDC 24 20:42:26.4, 1.0, 20.0S, 132.55E, h0km, mb3.4/3, mb1 3.6/5, mb1mx3.3/50, mbtrp3.5/5, ML3.4/2, MS3.7/1, Ms1 3.7/1, ms1mx2.7/24, Error ellipse: s-maj=29.0km s-min=16.1km az=80.0
ISCJB 24 20:42:29.1, 1.1, 0.11S, 0.09, 132.64E, 0.09, h33km, mb3.4/3, MS3.7/1, Error ellipse: s-maj=13.6km s-min=12.3km az=69.4
ISC 24 20:42:31.5, 1.0, 20.0S, 0.1, 132.6E, 0.1, h35km, n7, c=29/18/9, mb3.4/3, Irian Jaya region

Code Station Name A° AZ° Phase ID Time Res
SIJI Sorong 1.47 243 Op ISC h m s ISC
SIJI 13nm,0.3s,baz=250,slo=23,SNR=52 Pn 20 42 53.7 -1.9
SUJI Suai 2.43 152 +1.6
SUJI 39nm,0.3s,baz=306,slo=20,SNR=9.3 Sn 20 46 15.2 +1.6
FITZ Fitzroy Crossi 19.06 201 P P 20 43 52.2 +1.2
WRA Warrungarra Arr 19.70 175 P P 20 46 59.0 +0.9
WRA 0.2nm,0.3s,baz=354,slo=11,SNR=8.3 S 20 50 35.2 -3.3
ASAR Alice Springs 23.37 177 P P 20 47 37.4 +0.2
ASAR 1.6nm,0.6s,baz=357,slo=9.8,SNR=16 S 20 51 50.9 +3.0
URZ Urewhera 55.73 138 LR LR 21 15 42.2
MKAR Makanchi Array 64.11 324 P P 20 53 02.3 0.0
KURBB Kurchatov Arr 68.19 326 P P 20 53 28.4 0.0

IDC 24 20:54:15.8, 0.8, 17.70S, 167.34E, h0km, mb4.3/11, mb1 4.5/12, mb1mx4.2/38, mbtrp4.3/12, ML4.5/1, MS3.5/10, Ms1 3.5/10, ms1mx3.2/45, Error ellipse: s-maj=27.8km s-min=18.3km az=130.0
ISCJB 24 20:54:17.7, 0.3, 17.62S, 0.05, 167.08E, 0.06, h19km, mb4.6/35, MS3.5/9, Error ellipse: s-maj=8.7km s-min=6.7km az=17.9
NEIC 24 20:54:18.5, 3.2, 17.64S, 167.16E, h15km, 19km, mb4.8/29, Error ellipse: s-maj=7.6km s-min=6.6km az=90.0
ISC 24 20:54:19.0, 0.4, 17.72S, 0.06, 167.16E, 0.09, h19km, n98, mb14.0/0, mb4.8/34, MS3.6/3, Vanuatu Islands

Code Station Name A° AZ° Phase ID Time Res
DZM Mont Dzumac 4.38 189 Op ISC h m s ISC
DZM 23nm,0.3s,baz=296,slo=3.6,SNR=230 Pn 20 55 24.7 +0.1
DZM 13nm,0.3s,baz=154,slo=23,SNR=6.2 LR LR 20 56 14.1 -1.0
DZM 20 56 49.4
DZM Mont Dzumac 4.38 189 eP Pn 20 55 24.6 +0.1
DZM 70nm,0.3s eSn Pn 20 56 10.2 -4.9
DZM 105nm,0.2s eP Pn 20 55 24.6 +0.1
DZM 20 56 12.2 -2.9
DZM HNR Honiara 10.82 319 Pn Pn 20 56 51.6 -1.3
EIDS Eidsvold 16.77 240 eP Pn 20 58 11.8 -1.2
ARMA Armidale 18.97 225 eP P 20 58 39.7 +0.3
ARMA Terawa 19.79 17 eP Pn 20 58 48.0 -1.9
CTA Charters Tower 19.92 260 Pn Pn 20 58 52.9 +1.4
CTA 4.3nm,0.3s,baz=92,slo=13,SNR=3.3 Pn 20 58 51.4 -0.4
CTAO Charters Tower 19.92 260 eP Pn 20 58 51.4 -0.4
PMG Port Moresby 21.11 290 LR LR 21 05 32.9
URZ Urewhera 22.24 159 eP P 20 59 17.6 +0.3
BKZ Blak Stump Fm 22.86 161 eP P 20 59 23.1 +1.9
COEN Coenen 23.37 276 eP P 20 59 29.0 +2.3
CAN Canberra 23.83 219 eP P 20 59 32.3 +1.2
THZ Topouse 24.46 170 eP P 20 59 38.0 +1.2
KHZ Kahutara 25.21 169 eP P 20 59 44.3 +0.8
STKA Stephens Creek 27.06 234 eP P 20 00 02.3 +1.9
STKA Stephens Creek 27.06 234 eP P 20 00 02.3 +1.9
WRAB Tennant Creek 31.11 261 eP P 20 01 35.9 -0.6
WR1 Warrungarra Arr 31.11 261 eP P 20 01 36.5 -0.1
WRA Warrungarra Arr 31.11 261 P P 20 01 36.5 -0.1
WRA 1.2nm,0.7s,baz=90,slo=8.9,SNR=12 LR LR 21 12 50.4
RAR Rarotonga 31.34 102 LR LR 21 10 33.7
ASO1 Alice Springs 31.57 254 eP P 20 01 41.1 +0.4
AS31 Alice Springs 31.62 254 eP P 20 01 40.5 -0.5
ASAR Alice Springs 31.62 254 P P 21 00 41.0 0.0
ASAR comp=Z,158nm,20.5s,baz=80,slo=34 LR LR 21 12 34.0
BBOO Buckleboo 31.74 236 eP P 21 00 43.5 +1.6
FAKI Fak Fak 37.26 289 eP P 21 01 29.0 -0.8
GUAM Guam 38.10 323 LR LR 21 14 49.2
FITZ Fitzroy Crossi 39.45 263 LR LR 21 17 07.3
FITZ Fitzroy Crossi 39.45 263 eP P 21 01 49.6 +1.3
TBI Tubuai 40.89 105 eLR LR 21 13 20.3
PHJT Papeete 41.16 97 eLR LR 21 13 29.3
PPN2 Pohnpei Island 41.22 35 eP P 21 02 03.0 +0.1
BATI Baunata 42.79 274 LR LR 21 19 31.6
LEM Lembang 58.97 273 LR LR 21 33 24.0
YNU Nukutus 61.30 326 LR LR 21 31 02.7
JSS Jaki-Sakhalins 68.03 342 eP P 21 01 57.2 +0.3
IPM Ipo 68.84 282 eP P 21 05 22.5 -0.3
KULM Kulim 69.47 283 eP P 21 05 27.0 +0.3
PSI Prapat 70.22 280 eP P 21 05 30.6 -0.9
PEA0B Petropavlovsk-34nm,1.2s eP P 21 05 36.8 +1.5
PETK Petropavlovsk-71.01 354 P P 21 05 35.6 +0.3
PETK Petropavlovsk-71.01 354 eP P 21 05 35.8 +0.6
PEA1 Petropavlovsk-71.01 354 eP P 21 05 35.6 +0.3

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QSPA South Pole Qui 72.32 180 eP P 21 05 44.2 +0.9
CM01 Chiang Mai Arr 76.05 295 eP P 21 06 07.4 +1.7
CM13 Chiang Mai Arr 76.08 295 eP P 21 06 06.5 +0.6
CM31 Chiang Mai Arr 76.08 295 eP P 21 06 07.5 +2.0
CHTO Chiang Mai 76.23 295 eP P 21 06 06.2 -0.5
GAMB Gambell 82.88 9 eP P 21 06 41.8 0.0
ULN Ulaanbaatar 84.48 324 eP P 21 06 50.5 -0.1
SONAO Songino Array 84.83 324 eP P 21 06 52.3 -0.1
SONM Songino Array 84.83 324 P P 21 06 52.3 -0.1
YAK Yakutsk 84.85 343 eP P 21 06 51.6 -0.3
TTA Talatina 85.41 16 eP P 21 06 55.9 +1.0
CAST Castle Rocks 86.87 17 eP P 21 07 00.5 -1.6
LSA Lhasa 87.06 302 eP P 21 07 04.1 -0.2
NV01 Niina Array Sit 89.30 49 eP P 21 07 13.7 -0.7
NVAR Niina Array Sit 89.30 49 eP P 21 07 13.6 -0.8
ILAR Irian Jaya Arr 89.39 18 P P 21 07 12.3 -1.7
ILB Irian Jaya Arr 89.39 18 eP P 21 07 11.8 -2.2
ILT Irian Jaya Arr 89.39 18 eP P 21 07 12.2 -1.8
SNAAS Sanae 90.57 183 P P 21 07 19.8 -0.1
SNAAS Sanae 90.57 183 P P 21 07 19.2 -0.5
SNAAS Sanae 90.57 183 eP P 21 07 19.6 0.0
VNA3 Neumayer Olymp 91.24 181 P P 21 07 23.0 +0.2
VNA2 Neumayer-Watz 91.50 182 P P 21 07 24.0 +0.1
G08A Flinders Rock 91.58 43 eP P 21 07 24.8 0.0
MK32 Makanchi Array 99.28 316 eP P 21 07 59.8 0.0
MKAR Makanchi Array 99.28 316 P P 21 07 59.8 0.0
YKA Yellowknife Ar 100.24 28 P P 21 08 03.0 -0.6
YKA Yellowknife Ar 100.24 28 eP P 21 08 03.0 -0.6
ARAO ARCESS Array S 123.10 345 ePKPdf PKPdf 21 13 13.2 -0.5
ARCS ARCESS Array S 123.10 345 PKP PKP 21 13 13.2 -0.5
SAMES Samuel 123.616 114 ePdf PKPdf 21 09 50.0 +1.1
AKASG Malin Array Be 133.12 324 PKP PKP 21 13 33.1 -0.2
BR107 Keskin Array S 134.35 305 eP P 21 13 36.6 +0.5
BRTR Keskin Array B 134.35 305 PKP PKP 21 13 36.6 +0.5
ABTA Abertarsbach 144.29 330 ePKPdf PKPbc 21 13 52.2 0.0
WTTA Wattenberg 144.33 331 i PKPdf PKPbc 21 13 52.1 -0.4
MOTA Moosalm 144.51 332 ePKPdf PKPdf 21 13 53.5 -0.9
RETA Reutte 144.56 332 i PKPdf PKPdf 21 13 53.5 -0.9
WLF Walferdang 144.65 339 ePKPdf PKPdf 21 13 54.2 -0.1
FETA Feichten 144.92 332 i PKPdf PKPdf 21 13 55.3 -0.2
BFO Black Forest 144.93 335 ePKPdf PKPdf 21 13 54.3 -0.6
DAVA Davos 145.10 333 i PKPdf PKPdf 21 13 55.8 +0.3
FUORN Ofenpass-Fuorn 145.43 332 ePKPbc PKPab 21 13 57.0 +0.6
DAVOX Davos/Dischmat 145.49 332 PKPbc PKPab 21 13 57.0 +0.6
RES Stuetta 145.96 332 ePKPdf PKPab 21 13 57.4 -0.8
SENIN Lac Senin/Sane 146.93 334 ePKPdf PKPab 21 14 01.1 -0.8
BNI Bardonecchia 148.23 333 ePKPbc PKPbc 21 14 04.5 +0.4
KEST Kesra 153.38 317 PKPbc PKPbc 21 14 17.6 +1.1
KEST Kesra 153.38 317 ePKPbc PKPbc 21 14 17.1 +0.7
ES19 SONSECA Array 156.77 342 ePKPab PKPab 21 14 42.8 0.0
ESDC Sonseca Array 156.81 342 PKPab PKPab 21 14 43.0 0.0
TOAD Torodi Arr. Sit 165.27 254 ePKPdf PKPdf 21 14 22.7 -0.4
TORD Torodi Arr. Be 165.27 254 PKP PKPdf 21 14 22.9 -0.2
TORD 1.3nm,0.9s,baz=60,slo=4,SNR=7.9 PKPab PKPab 21 15 20.9 +0.3
TOA1 Torodi Arr. Sit 165.27 254 ePKPdf PKPdf 21 14 22.9 -0.2
TOA1 Torodi Arr. Be 165.27 254 ePKPdf PKPab 21 15 20.9 +0.2

BUI 24 21:11:17.9, 7.95S, 129.28E, h159km, mb4.5/23, mb5.0/14
ISCJB 24 21:11:19.9, 0.2, 7.27S, 0.03, 129.16E, 0.04, h131km, mb4.3/41, Error ellipse: s-maj=5.3km s-min=4.1km az=160.8
NEIC 24 21:11:23.6, 0.6, 7.29S, 129.16E, h156km, 6km, mb4.7/14, Error ellipse: s-maj=7.9km s-min=6.1km az=48.0
IDC 24 21:11:23.9, 1.6, 7.19S, 129.01E, h150km, 15km, mb3.9/20, mb1 3.9/23, mb1mx3.8/49, mbtrp4.4/23, MS3.3/1, Ms1 3.5/1, ms1mx2.6/43, Error ellipse: s-maj=13.0km s-min=9.2km az=75.0
DJA 24 21:11:25.0, 0.8, 7°S, 4°W, 129E, h152km, 21km, M4.6/9, mb4.8/8, mb4.9/6, MLV4.8/9, MW(MB)2.6/2
ISC 24 21:11:21.0, 0.3, 7.37S, 0.04, 129.21E, 0.05, h131km, n116, c=28/1/23, mb4.3/41, 3C-1D, Banda Sea

Code Station Name A° AZ° Phase ID Time Res
SAUI Saumlaki 2.16 106 Op ISC h m s ISC
SAUI Saumlaki 2.16 106 eP Pn 21 12 03.4 +6.4
BNDI Bandanaira 2.91 14 P Pn 21 12 11.9 +5.3
AAI Ambon 3.90 345 P Pn 21 12 22.8 +4.7
MSAI Masohi 4.01 356 P Pn 21 12 25.9 +5.0
NLAI Nalae 4.61 393 P Pn 21 12 34.3 +5.4
FAKI Fak Fak 5.36 38 P Pn 21 12 40.8 +1.8
FAKI Fak Fak 5.36 35 eP Pn 21 12 40.3 +1.3
SOEI Soe 5.43 244 eP Pn 21 12 44.2 +4.2
MTN Mantam Dam 5.76 161 eP Pn 21 12 48.7 +4.4
BATI Baunata 6.16 242 P Pn 21 12 53.4 +3.7
BATI 59nm,0.3s,baz=86,slo=8.1,SNR=73 S 21 13 59.9 +0.8
BATI Baunata 6.16 242 P Pn 21 12 53.5 +3.7
SANI Sanana 6.18 329 P Pn 21 12 54.2 +4.2
SIJI Sorong 6.78 18 P Pn 21 12 59.2 +1.1
SIJI 4.5nm,0.3s,baz=259,slo=23,SNR=43 S 21 14 10.8 -3.1
SWI Sorong 6.78 18 P Pn 21 13 00.4 +2.3
LBMI Labuha 6.90 346 P Pn 21 13 04.0 +4.3
MMRI Maumere 7.02 259 P Pn 21 13 04.8 +3.5
MMRI Maumere 7.02 259 eP Pn 21 13 04.5 +3.2
LUWI Luwuk 8.98 314 eP Pn 21 13 34.2 +6.4
WBSI Waikabubak, Su 9.97 256 P Pn 21 13 42.9 +1.9
MRSI Marisa 10.64 317 P Pn 21 13 55.0 +5.0
MRSI 57nm,1.1s,485nm eP Pn 21 14 19.8 +1.4
MMP1 Merauke 11.12 96 P Pn 21 13 58.1 +0.5
FITZ Fitzroy Crossi 11.21 198 P Pn 21 15 53.2 -8.1
FITZ 5.9nm,0.3s,baz=29,slo=9.4,SNR=62 S 21 15 53.2 -8.1
PLAI Plampang 11.41 262 P Pn 21 14 00.5 +0.3
WRAB Tennant Creek 13.45 159 eP Pn 21 14 26.7 -0.1
WRA Warrungarra Arr 13.45 159 eP Pn 21 14 26.9 +0.1
WRA 7.1nm,0.3s,baz=344,slo=13,SNR=187 S 21 16 48.7 -6.7
WRA 11.5nm,0.3s,baz=334,slo=24,SNR=6.5 S 21 16 48.7 -6.7
WB2 Warrungarra Arr 13.46 159 eP Pn 21 14 25.1 -1.7
JAGI Jajaj, Banyuwa 14.95 265 eP Pn 21 14 46.1 +0.3
COEN Coen 15.20 117 eP Pn 21 14 51.5 +0.6
AS31 Alice Springs 16.82 165 eP Pn 21 15 11.0 +2.2
ASAR Alice Springs 16.82 165 P Pn 21 15 09.8 +1.0
ASAR 11nm,0.3s,baz=339,slo=9.2,SNR=560 S 21 18 12.1 -4.3
PMG Port Moresby 17.87 98 P Pn 21 15 25.7 +4.1
PMG 1.0nm,0.3s,baz=271,slo=6.1,SNR=5.2 S 21 18 34.9 -4.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KKM Kota Kinabalu, KSM Kuching, CTA Charters Tower, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TIXI Tiksi, GEYT Alibek, ABKAR Akbulak array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ATD Arta Tunnel, WSAR Wadi Sarin, LWSA Lhasa, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for various stations.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations in the Talud Islands region.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations in Taiwan.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations in the Iridium constellation.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations in the Southwestern Ryukyu Islands.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations in the Honshu region.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations in the Honshu region.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations in the Honshu region.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations in the Sulawesi region.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like 121A Cookes Peak, E31A Nome, BNM Barren Site, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TEOL Teolo, TEOL Teolo, TEOL Teolo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

25d 2h

Table of astronomical observations for 25 days and 2 hours, listing station names, coordinates, and observation details.

2012 FEB

Table of astronomical observations for February 2012, listing station names, coordinates, and observation details.

1322

Table of astronomical observations for 1322, listing station names, coordinates, and observation details.

25d 4h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KSRS Korea Array, CD2 Chengdu, XAN Xi'an, etc.

ISC 25 03:52:17.6, 1.8, 43.82N, 128.18W, h0km, mb3.3/4, mb1 3.6/7, mb1mx3.4/66, mbtrmp3.2/7, ML3.1/3, MS3.3/13, Ms1 3.3/13, ms1mx3.2/22, Error ellipse: s-maj=46.3km, s-min=16.7km, az=42.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like COR Corvallis, HUMO Hull Mountain, E03A Lebam, etc.

2012 FEB

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MTPU Mount Pierson, PDAR Pinedale Array, PFO Pinyon Flats 0, etc.

ISCN 25 03:54:17.8, 0.3, 36.85N, 42.36E, h0km, ML2.9
ISCJB 25 03:54:19.8, 1.3, 36.85N, 0.05, 42.28E, 0.04, h2km, 7km, Error ellipse: s-maj=8.6km, s-min=5.1km, az=177.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Code Station Name, S-rnak, S-rnak, S-rnak, etc.

1324

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like VMUR Van, VANB Van, VANB Van, etc.

KNET 25 04:06:59.4, 0.3, 42.28N, 76.04E, h14km, 3km, ml1.8, Error ellipse: s-maj=3.3km, s-min=2.9km, az=16.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ULHL Ulahol, ULHL Ulahol, ULHL Ulahol, etc.

25d 5h

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like A04D Lummi Island, B05A Bryant, MSU Marysville, etc.

2012 FEB

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like MCK McKinley, NEW Newport, HYT Haines Junction, etc.

1328

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like SON1A Songino Array, RSSD Black Hills, GTA Gaotai, etc.

Table with columns: MOR#, Name, Date, Time, Az, El, AzE, ElE, AzM, ElM, AzS, ElS, AzO, ElO, AzA, ElA, AzP, ElP, AzB, ElB, AzC, ElC, AzD, ElD, AzE, ElE, AzF, ElF, AzG, ElG, AzH, ElH, AzI, ElI, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ. Rows include stations like MOI Rana, FIA1, FINES, etc.

Table with columns: CRVS, Name, Date, Time, Az, El, AzE, ElE, AzM, ElM, AzS, ElS, AzO, ElO, AzA, ElA, AzP, ElP, AzB, ElB, AzC, ElC, AzD, ElD, AzE, ElE, AzF, ElF, AzG, ElG, AzH, ElH, AzI, ElI, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ. Rows include stations like Cervenica-Dubn, VOIR, Cluj-Napoca, etc.

Table with columns: CUC, Name, Date, Time, Az, El, AzE, ElE, AzM, ElM, AzS, ElS, AzO, ElO, AzA, ElA, AzP, ElP, AzB, ElB, AzC, ElC, AzD, ElD, AzE, ElE, AzF, ElF, AzG, ElG, AzH, ElH, AzI, ElI, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ. Rows include stations like Castrocucio, KIC, TIC, etc.

Station names and coordinates: IDC 25 05:17:12.6, 2.1, 40.46N, 124.28W, h0km, mb3.5/3, m1 3.8/4, mb1mx3.4/67, mbtop3.6/4, ML3.8/1, MS3.1/8, s-min=14.2km, Az=65.0. NEIC 25 05:17:15.4, 0.0, 40.29N, 124.32W, h20km, mb4.1/2, MW4.3(BRK), After NEICDC. NEIC Felt [III] at Carlotta, Ferdale, Fortuna, Loleta, Petrolia and Whitehorn and [II] at Arcata, Eureka, Hydenville and Rio Dell. Also felt at Fort Bragg, Garberville, McKinleyville, Redway and Scotia. ISC 25 05:17:12.5, 1.4, 40.34N, 124.40W, h0km, h0km, gkm, n116, r150/117, mb3.6/3, MS3.1/4, 1C, Near coast of northern California

Table with columns: Code, Station Name, Date, Time, Az, El, AzE, ElE, AzM, ElM, AzS, ElS, AzO, ElO, AzA, ElA, AzP, ElP, AzB, ElB, AzC, ElC, AzD, ElD, AzE, ElE, AzF, ElF, AzG, ElG, AzH, ElH, AzI, ElI, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ. Rows include stations like KMRM Mail Ridge, JCC Jacoby Creek, KHHM Horse Mountain, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like YERR, SAO, WAKR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SKR, KDR, ASAK, etc.

MDD 25 05:20:06.3±1.6, 35.48N, 16.82W, h0km, mb4.1/3, Error ellipse: s-maj=24.6km s-min=6.1km az=122.0, PRXIMO CSEM 25 05:20:07.9±0.5, 35.37N, 16.45W, h10km, ML3.6/16, Error ellipse: s-maj=17.1km s-min=5.4km az=124.0, INMG 25 05:20:10.8±0.6, 35.60N, 17.11W, h10km, ML2.6, Error ellipse: s-maj=6.7km s-min=1.7km az=113.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PMPs, PMPZ, PMAZ, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like FUL, FUL, FUL, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like EAB, EAB, EAB, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ELO, ELO, ECAB, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PRU, OKC, DPC, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MSZ, MLZ, MLZ, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CMAR, MKAR, KURBB, etc.

ISCJB 25 06:15:09.7,0.2,6.74N,0.02:73.00W,0.02,h159km,1km, mb4.7/160, Error ellipse: s-maj=3.6km s-min=2.8km az=18.0
IDC 25 06:15:10.4,0.4,6.75N,72.94W,h155km,3km,mb4.1/20, mb1 4.3/28,mb1mx4.1/57,mbtmp4.6/28,MS2.7/3, Ms1 2.7/3,ms1mx2.6/43, Error ellipse: s-maj=8.2km s-min=6.2km az=120.0
RSNC 25 06:15:12.4,0.8,6.77N,73.14W,h142km,3km,ML4.8, Mw4.6
NEIC 25 06:15:12.0,0.0,6.78N,73.14W,h143km,mb4.8/150, ML4.8(RSNC),After RSNC)
NEIC Feit at Bucaramanga, Copacabana, Enviagedo, Bucaramanga, Medellin and Piedecuesta. Also felt at San Cristobal, Venezuela.
ISC 25 06:15:10.7,0.3,6.77N,73.03W,0.03,h155km,2km, h156km,p-P,MS2.1,1814/689,mb4.7/161,1C-2D, Northern Colombia

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists various seismic stations and their associated data points.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists various seismic stations and their associated data points.

Table with columns: Code, Station Name, Az, El, P, Res, and various numerical values. Includes stations like Simmler, Mina Array, and various other observatory sites.

Table with columns: Code, Station Name, Az, El, P, Res, and various numerical values. Includes stations like ZAAO, ZALV, Zalesovo, and various other observatory sites.

Table with columns: Code, Station Name, Az, El, P, Res, and various numerical values. Includes stations like Severo-Kuril's, and various other observatory sites.

Table with columns: Code, Station Name, Az, El, P, Res, and various numerical values. Includes stations like KMRM, Karymshinskiy, and various other observatory sites.

25d 6h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like TYV, GLVR, YSS, ASAJ, MA2, etc.

2012 FEB

Table with columns for station name, frequency, mode, and signal strength. Includes stations like CLNS, GAMB, KRSR, CS01, etc.

1334

Table with columns for station name, frequency, mode, and signal strength. Includes stations like SONA1, MCK, MCK, SONM, RND, etc.

1335

Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like GTA, DLBC, ZAAO, ZALV, etc.

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Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like B05A, UZB, UZB, SATY, etc.

25d 6h

Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like WDC, WDC, KEV, KEV, etc.

25d 6h

Table with columns: Call Sign, Name, Comp, Az, El, P, R, S, E, T, U, V, W, X, Y, Z, and other parameters. Includes stations like H17A, ILULI, RLMT, etc.

2012 FEB

Table with columns: Call Sign, Name, Comp, Az, El, P, R, S, E, T, U, V, W, X, Y, Z, and other parameters. Includes stations like BBRC, SZCU, P17A, etc.

1336

Table with columns: Call Sign, Name, Comp, Az, El, P, R, S, E, T, U, V, W, X, Y, Z, and other parameters. Includes stations like MVCO, X16A, F33A, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, 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, Power, Mode, and other technical details. Includes stations like Q41A Truxton, TUL1 Leonard, TUL1 Leonard, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like TLCR P46A Rosedale, PKRO Pickering, KECS Kecoov, etc.

25d 6h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

2012 FEB

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

1338

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

BJI 25 06:17:59.8; 49:28'N; 156:26'E, h25km, mb.5/1.62, mB5.3/4.3, MS5.3/57, MS7.2/255
IDC 25 06:17:59.8; 49:30'N; 156:04'E, h0km, mb.4.9/5.2, mb1.6/0.56, mb1mx4.9/77, mbmp4.9/56, ML4.3/3, MS4.8/12, MS1.9/12, ms1mx4.3/5.8, Error ellipse: s-maj=1.13km s-min=0.9km az=148.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

25d 6h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like MNTX, P37A, M40A, AKH, ANN, FITZ, P38A, S35A, GNI, G40A, Q38A, N41A, P39B, ARTV, LVV, N42A, P40A, R38A, O41A, WMOK, W40A, P41A, T37A, Q40A, R39A, S38A, HDIL, KWP, KIS, KIS, KIS, KIS, S39A, T38A, P42A, Q41A, R40A, TUL1, OJC, OJC, OJC, STHS, STHS, EKA, ESK, ESK, ABTX, S40A, R41A, KSP, KSP, TX31, TXAR, BUR08, BUR04, NIE, NIE, PECO, UZH, UZH, CRVS, CRVS, R42A, S41A, U39A, P44A, OKC, OKC, UJC, UJC, UJC, DPC, DPC, DPC, PALK, PALK, PALK, PALK, CLL, CLL.

2012 FEB

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like CLL, CLL, Q44A, ELFO, S42A, LANS, LANS, FVM, FVM, HPIG, MORC, MORC, R43A, V39A, U40A, AS01, AS31, ASAR, T41A, TRQ, X37A, W38A, PKRO, KECS, KECS, KECS, VRI, VRI, R44A, W39A, V40A, S43A, PRU, PRU, PRU, GOPC, GOPC, GOPC, VRAC, VRAC, VYHS, VYHS, VYHS, JCTA, JCTA, MOX, W40A, V41A, U42A, WHTX, PSZ, PSZ, PSZ, TIRR, TIRR, TIRR, NKC, NKC, MLR, MLR, MLR, MLR, DRGR, TREC, TREC, TOKA, MIAR, MIAR, MIAR, MIAR, T44A, X301, WHAR, Q47A, V42A, R46A, U43A, W41B, MARD, X40A, SRO, SRO, SRO, R47A, ILGA, X41A, SHME, DSB, KHC, KHC, KHC, KHC.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like WCI, WCI, WCI, GRFO, GRFO, GRFO, GEC2, GEC2, GEC2, GEA0, CSK, T46A, WLAR, HGN, CONA, Z40A, SOP, MSFE, WSAR, UCC, UCC, S48A, T47A, UOSS, UOSS, HATD, MOA, WWT, U47A, ASHO, ASHO, NAZ, BR131, BR131, W45A, MORH, V46A, ARSA, SOHO, Z42A, SZH, WLF, WLF, ANTO, ANTO, ANTO, ANTO, BEHE, ALNE, ALNE, AJN, SOKA, V48A, PERS, W47A, W47A, OBKA, WATA, RETA, MYKA, MOTA, X47A, Y46A, ABTA, DIVS, DAVA, FETA, MOF, VTS, VTS, VTS, BOJS, BLY, X49A, BOLV, TRI, TRI, TRI, DAVOX, SKDS.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, and various codes. Includes stations like FUORN, RDO, ALN, Z47A, 344A, PLE, KKB, TUE, 147A, LDF, NVR, IVB, KOM, PVI, SRS, 346A, NKY, NKME, BRY, SENIN, KNT, Z50A, TTG, CEME, SSF, LIA, BUM, HCY, DRME, 249A, SIGR, ULC, TIR, 250A, VSS, CLL, BNI, BNI, BNI, PENT, ASF, ASF, SSB, SSB, VIVF, VIVF, AGG, AGG, DSL, VILL, CAF, CAF, RAYN, LAST, IDI, IDI, VSL, VAE, POLO, PVRL, PVIS, MTE, EST19, ESCD, ESCD, ESLA, PAB, PAB, PCAS, KEST, KEST, TORO, SAM, LAPZ, MAW, BOSA, CPUP, CPUP, PLCA, PLCA, TRQA, TRQA, TORO.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, and various codes. Includes sections for MEX 25 06:18:06.8.0.3, MEX 25 06:37:16.1.0.3, DJA 25 06:41:50.5.0.8, JMA 25 06:42:09.0.2, JMA 25 06:42:10.6.1, H1N1, H1N1, H1N1, H1N1, H1S1, H1S2, MKAR, MKAR, ILAR, FITZ, WRA, ASAR, IDC 25 06:44:46.6.1, and British region.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, and various codes. Includes sections for MAN 25 06:50:00, IDC 25 06:55:02.2.9, GCMT 25 07:01:45.3.0.4, BESP, BESP, CNP, CNP, OCLP, OCLP, MSLP, MSLP, SCPH, SCPH, MPMH, MPMH, LLLP, LLLP, PVCP, PVCP, BUTP, BUTP, RCP, RCP, RCP, RCP, DCPH, DCPH, BOAC, BOAC, DAV, DAV, DAM, DAM, SJMP, SJMP, LQP, LQP, TGY, TGY, LUBP, LUBP, MYLM, MYLM, SDKM, SDKM, TSM, TSM, KKM, KKM, MPSI, MPSI, LUWI, LUWI, LUWI, LUWI, SIJI, SIJI, SANI, SANI, NLA, NLA, BTK, BTK, FAKI, FAKI, FAKI, FAKI, QIZ, QIZ, QIZ, QIZ, KAMI, KAMI, KSM, KSM, GUM, GUM, SARO, SARO, MMRI, MMRI, NJ2, NJ2.

25d 7h

2012 FEB

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Table with columns: Station, Name, Frequency, Mode, Power, and other technical details. Includes stations like SOEI, WHN, WHN, WHN, etc.

Table with columns: Station, Name, Frequency, Mode, Power, and other technical details. Includes stations like WRAB, WRAB, WRA, WRA, etc.

Table with columns: Station, Name, Frequency, Mode, Power, and other technical details. Includes stations like MK31, MKAR, MKAR, MKAR, etc.

25d 9h

Table with columns for station name, frequency, power, and other technical details. Includes stations like GYA, WMQ, MKAR, KURK, etc.

2012 FEB

Table with columns for station name, frequency, power, and other technical details. Includes stations like SRU, VRH, LPSR, SMCO, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like KHC, Kasperke Hory, GRFO, etc.

NNC 25 08:51:43.24.5, 51.96N:75.34E, h0km, mb2.9, mpv2.5, Error ellipse: s-maj=317.1km s-min=17.2km az=26.0, Suspected Mining explosion. ISCJB 25 08:51:45.1±0.8, 51.73N:078.75E, h0km, Error ellipse: s-maj=11.9km s-min=5.9km az=25.2, IDC 25 08:51:47.1±1.1, 51.61N:75.52E, h0km, mb1 2.4/4, mb1mx2.4/64, mbmp2.4/4, ML 1.9/4, Error ellipse: s-maj=23.7km s-min=9.4km az=27.0, ISC 25 09:13:50.3C-SD, 51.25166N:110.7532E:070, h0km, n10, Error ellipse: s-maj=13.5km s-min=5.9km az=26.0, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MKAR Makanchi Array, CMAR Chiang Mai Arr, KURBB Kurchatov Arr, etc.

KRSC 25 09:25:07.71.1.2, 49.02N:156.82E, h34km, 20km, ML4.4
ISCJB 25 09:25:10.4.0.7, 49.10N:0.05:156.29E:0.09, h47km, 6km, mb3.8/19, MS3.6/8, Error ellipse: s-maj=12.8km

MOS 25 09:25:11.1.1.2, 49.18N:156.19E, h50km, mb4.2/4, Error ellipse: s-maj=12.0km s-min=4.1km az=78.1
NEIC 25 09:25:12.8.1.1, 49.18N:156.19E, h49km, 2km, mb4.1/1, Error ellipse: s-maj=13.5km s-min=6.7km az=131.0
SKHL 25 09:25:13.5.0.3, 49.12N:156.03E, h49km, 2km, mb4.6/5, msh5.1/1

IDC 25 09:25:13.3.2.2, 49.20N:156.16E, h52km, 22km, mb3.5/17, mb1 3.7/23, mb1mx3.5/76, mbtmp3.8/23, ML4.1/4, MS3.5/8, Ms1 3.5/8, ms1mx3.1/56, Error ellipse: s-maj=23.8km s-min=14.3km az=146.0

ISC 25 09:25:11.5.1.2, 49.08N:0.07:156.25E:0.08, h41km, 10km, n102, 112/113, mb3.9/19, MS3.5/6, 1C, Kuril Islands

Main table for station 1349, listing codes, station names, coordinates, phases, and times. Includes stations like Severo-Kuril's, Pauzhetka, Khodutka, Kamc, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SHO Shikotan, TYV Tyrnovskoe, NKL Nikolayevsk, etc.

comp=Z, 38nm, 0.8s
Kul dur 16.02 200 P

ERM Ermo 11.57 237 PN Pn
ERM Ermo 11.57 237 Pn Pn
SEY Seymchan 14.05 353 P Pn

KLR Kurchatov Arr 17.33 263 P Pn
USRK Ussuriysk Arr. 17.33 263 P Pn

YAK Yakutsk 19.66 321 eP Pn
YAK comp=Z, 13nm, 0.9s pmax pmax

KSRS Korea Array 23.53 251 P Pn
KSRS comp=Z, 2.0nm, 0.9s, baz=30, slow=9.7, SNR=3.7

KSAR Wonju Array Arr 23.56 251 P Pn
KSAR Tiksi 25.90 341 f/P Pn

H11N2 WAKE ISLAND Hy 30.52 160 T T
H11N1 WAKE ISLAND Hy 30.52 160 T T

H11S1 WAKE ISLAND Hy 31.66 161 T T
H11S3 WAKE ISLAND Hy 31.66 161 T T

H11S2 WAKE ISLAND Hy 31.66 161 T T
SONM Songino Array 32.61 287 LR LR

ILAR Eielson Array 33.41 41 P Pn
ZALV Zalesovo Beam 42.99 305 P Pn

MKAR Makanchi Array 47.76 297 P Pn
MKAR comp=E, 1.5nm, 0.8s, baz=68, slow=7.4, SNR=15

YKA Yellowknife Arr 47.79 39 P Pn
KURK Kurchatov 47.85 303 P Pn

KURB Kurchatov Arr 47.94 303 P Pn
BVAR Borovoye Array 51.02 309 P Pn

BVAR comp=E, 6.1nm, 2.1s, baz=332, slow=40
AAK Ala-Archa 54.69 296 LR LR

ARU Arti 54.72 318 i/P Pn
CMAR Chiang Mai Arr 54.96 275 P Pn

ABKAR Abkarak Array 58.55 310 eP Pn
PDAR Pinedale Array 61.68 57 P Pn

FINES FINESS Array B 62.81 336 P Pn
SOEI Soe 64.98 215 eP Pn

SCHO Schefferville 70.33 25 LR LR
AKASA Malin Array Be 70.37 327 P Pn

TXAR Lajitas Array 74.53 63 P Pn
TXAR Lajitas Array 74.53 63 eP Pn

EKA Eskdalemuir Arr 74.54 348 P Pn
ASAR Alice Springs 75.11 201 LR LR

CLL Collim 75.18 337 eP Pn
KHC Kasperske Hory 77.02 336 eP Pn

KHC Kasperske Hory 77.02 336 eP Pn
GERES GERESS Array B 77.25 336 eP Pn

GERES GERESS Array B 77.25 336 eP Pn
BRTR Keskin Array B 78.10 318 P Pn

BRTR Keskin Array B 78.10 318 eP Pn
MMAI Mount Meron Arr 82.80 313 P Pn

IDC 25 09:32:36.7.0.9, 1.41N:126.47E, h0km, mb4.1/7, mb1 4.2/8, mb1mx3.8/54, mbtmp4.1/8, ML4.1/1, Error ellipse: s-maj=14.8km s-min=1.5km az=68.0

ISCJB 25 09:32:41.5.0.6, 1.40N:0.07:126.32E:0.08, h47km, mb4.1/8, Error ellipse: s-maj=13.4km s-min=6.6km az=138.1

NEIC 25 09:32:42.0.0.4, 1.33N:126.36E, h35km, mb4.5/1, Error ellipse: s-maj=16.0km s-min=8.0km az=58.0

DJA 25 09:32:44.0.2.0, 1.1N:4.12E, h37km, 50km, M4.0/5, MLv4.0/5

ISC 25 09:32:43.3.0.9, 1.39N:0.09:126.45E:0.08, h47km, n15, c207/20, mb4.2/8, Northern Molucca Sea

Main table for station 2012 FEB, listing codes, station names, coordinates, phases, and times. Includes stations like TNTI Ternate, LBMI Labuha, KMSI Cibinong, etc.

IDC 25 09:35:29.5.1.0, 10.05N:123.24E, h0km, mb3.8/8, mb1 3.9/8, mb1mx3.6/60, mbtmp3.8/8, MS3.5/1, ms1mx2.6/52, Error ellipse: s-maj=42.2km s-min=22.9km az=64.0
ISCJB 25 09:35:30.8.1.3, 10.11N:0.04:123.24E:0.03, h7km, 6km, mb3.8/8, MS3.5/1, Error ellipse: s-maj=6.0km s-min=4.6km az=22.7

MAN 25 09:35:30.10.24N:123.24E, h1km, mb4.8, ML3.7, MS3.6
ISC 25 09:35:30.8.1.3, 10.11N:0.04:123.24E:0.03, h7km, 9km, n25, r154/33, mb3.8/8, 1C-4D, Cebu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LLP Lapu-Lapu, TBP Tagbilaran, SNPH Sibulan, etc.

IDC 25 09:38:38.1.2.7, 54.23N:85.62E, h0km, mb1 2.4/2, mb1mx2.4/65, mbtmp2.4/2, ML2.0/2, Error ellipse: s-maj=18.0km s-min=8.5km az=55.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H46RU ZALESOVO INFRA 0.55 240 Op, ZALV Zalesovo Beam 0.55 240 Pg, etc.

MEX 25 09:44:28.7.0.7, 15.49N:92.97W, h88km, 8km, MD3.7, Mexico-Guatemala border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PCIG Comitan, CCIG Comitan, CGIG Comitan, etc.

IDC 25 09:50:51.4.3.2, 53.81N:88.28E, h0km, mb1 3.0/3, mb1mx2.8/71, mbtmp3.0/3, ML2.6/3, Error ellipse: s-maj=29.3km s-min=20.7km az=79.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H46RU ZALESOVO INFRA 2.06 275 i, ZALV Zalesovo Beam 2.06 275 Pn, etc.

ISCJB 25 09:51:35.4.1.0, 60.90N:0.05:29.4E:0.1, h0km, Error ellipse: s-maj=10.6km s-min=4.0km az=32.6

CSEM 25 09:51:40.9.1.0, 61.00N:29.04E, h0km, ML2.0, Mining explosion.

HEL 25 09:51:40.9.0.3, 61.00N:29.04E, h0km, ML2.0, Explosion

IDC 25 09:51:43.1.9.1, 61.02N:28.91E, h0km, mb1 3.6/3, mb1mx3.0/66, mbtmp3.6/3, ML2.6/3, Error ellipse: s-maj=16.8km s-min=10.7km az=158.0

ISC 25 09:51:39.2.1.0, 60.99N:0.04:29.08E:0.05, h0km, n24, r131/40, Baltic States-Belarus-Northern Russia

Main table for station 2508 9h, listing codes, station names, coordinates, phases, and times. Includes stations like VJF Virojoki, FIAO FINESS Array S, FIAO FINESS Array S, etc.

25d 10h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ARBE Arbave, ARBE Joensuu, JOF Joensuu, JOF Sumaiinen, etc.

ISCJB 25 09:59:33.5,0.6,37.11N,0.05:27.94E:0.04,h0km, Error ellipse: s-maj=6.7km s-min=4.0km az=4.7

CSEM 25 09:59:33.5,0.3,37.07N:27.93E,h1km,ML2.1, Error ellipse: s-maj=10.2km s-min=5.2km az=13.0,Suspected Mining explosion.

DDA 25 09:59:34.4,37.17N:27.90E,h7km,ML2.6,Suspected Mining explosion.

ISK 25 09:59:34.0,37.12N:27.88E,h5km,ML2.1/4,Suspected Mining explosion.

STC 25 09:59:31.7,0.3,37.15N:0.04:27.89E:0.03,h0km,n16, c=039/26, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like YER Yerkesik, BDRM Kayabasi, BDRM Bodrum, etc.

SOME 25 10:03:28.0,43.58N:83.68E,h0km NNC 25 10:03:36.0,5.8,43.64N:83.61E,h0km,mb2.8,mpv2.5, Error ellipse: s-maj=56.3km s-min=29.8km az=129.0

ISC 25 10:03:25.2,3.2,43.43N:0.1:83.8E:0.1,h10km,n9, c=174/15,3C-3D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KTMS Ketmen, DJR Jarkent, PDGK Podgornoye, etc.

JMA 25 10:12:18.4,36.67N:137.85E,h3km,1km,M0.6, Eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MAT Matsushiro, MAT Matsushiro, etc.

MAN 25 10:20:38,11.85N:125.10E,h5km,mb3.9,ML2.7,MS2.3, 1D,Samar

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BESP Borongan, PLP Palo, etc.

ISCJB 25 10:27:18.4,0.6,43.54S:0.03:173.05E:0.04,h21km,5km, mb3.9/3,MS3.3/3, Error ellipse: s-maj=6.7km s-min=2.8km az=140.4

IDC 25 10:27:18.5,0.8,43.36S:172.84E,h0km,mb4.0/3, mb1.4/2,mb1mx3.9/3,mbtrp4.0/4,ML3.8/1,MS3.1/4, Ms1.3/1,ms1mx2.9/31, Error ellipse: s-maj=31.4km s-min=14.3km az=160.0

WEL 25 10:27:19.6,43.3S:1.7:3E:1,h15km,1km,ML4.3/4 NEIC 25 10:27:20.8,0.0,43.45S:172.84E,h11km,ML4.3(WEL), After WEL.

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NEIC Felt [V] at Christchurch. Also felt at Cust. ISC 25 10:27:19.2,1.4,43.48S:0.04:172.95E:0.04,h10km,6km, n212,c1900/221,mb3.8/3,MS3.3/3,South Island

Large table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CRLZ Canterbury Las, CRLZ Canterbury Las, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TUVZ Tukino, TUVZ Tukino, etc.

ISCJB 25 10:25:21.0,0.4,7.51S:0.07:115.54E:0.06,h200km, mb3.9/14, Error ellipse: s-maj=11.7km s-min=5.6km az=38.3

IDC 25 10:45:25.6,1.6,7.83S:115.35E,h234km,15km,mb3.6/14, mb1.3/718,mb1mx3.5/62,mbtrp4.2/18, Error ellipse: s-maj=2.6km s-min=2.2km az=49.0

DJA 25 10:45:29.3,8.8S:14.1:5E:1.9,h184km,32km, M3.5/6,ML3.5/6

ISC 25 10:45:22.8,0.6,7.75S:0.1:115.55E:0.09,h200km,n26, c191/26,mb3.9/14,Bali Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SRBI Singaraja, DNB Denpasar, etc.

25d 15h

Table with columns: UCH, Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for KK31 Karatay Array and KK31 0.4nm,0.5s,baz=148,slow=14.

ISC/JB 25 14:07:06.0, 7.51S, 0.05x126.65E, 0.07, h300km, mb3.2/4, Error ellipse: s-maj=8.9km s-min=7.1km az=175.3

DJA 25 14:07:06.4, 0.7, 8.5S, 5.12E, h327km, 12km, M4, 1/8, mb4.7/2, mb4.1/5, MLV4.2/8, MW(MB)3.9/2, IDC 25 14:07:08.0, 2.8, 7.62S, 126.47E, h319km, 32km, mb2.9/4, mb1.3/2, mb1mx2.9/48, mbtmp3.8/8, Error ellipse: s-maj=48.1km s-min=15.1km az=58.0

ISC 25 14:07:06.9, 0.8, 7.59S, 0.07x126.63E, 0.09, h300km, n14, e134/19, mb3.2/4, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for SOEI Soe, BATI Baumenta, BATI 18m,0.3s,baz=78,slow=20,SNR=16, WRA Warrungarra Arr, etc.

ISC/JB 25 14:19:12.0, 0.0, 32.62N, 0.02x115.73W, 0.02, h13km, 3km, Error ellipse: s-maj=4.0km s-min=3.1km az=140.3

NEIC 25 14:19:14.0, 0.0, 32.60N, 115.75W, h3km, ML2.5(ECX), ML2.9(PAS), After ECX

ECX 25 14:19:14.0, 0.5, 32.60N, 115.75W, h3km, MD2.6, ML2.9

ISC 25 14:19:11.7, 1.0, 32.50N, 0.02x115.70W, 0.02, h17km, 8km, n40, e0871/59, 5C-5D, California-Baja California border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for ERPC Ernie Place, WESC Westside Schoo, WESC Westside Schoo, YUH Yuha Desert, etc.

MEX 25 14:26:27.9, 0.9, 16.94N, 100.72W, h33km, 26km, MD3.7, Near coast of Guerrero

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for CAIG El Cayaco, ACAP2 Acapulco, ACX Acapulco, ZIIG Zihuatanejo.

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Table with columns: ZIIG, ARIG, ARIG, MEIG, MEIG, PLIG, PLIG, PNIG, PNIG. Includes entries for Puente Sto Nin, Mezcala, Platanillo, Pinotepa.

NIED 25 14:26:00, 36.50N, 140.60E, h59km, Mw3.7, Best double couple: M4.2700x1014 NP1:0.193,00000, 0.25,00000, 7.81,00000, NP2:0.22,00000, 0.65,00000, 0.94,00000, 1.34,00000

ISC/JB 25 14:26:56.8, 0.5, 36.49N, 0.04x140.64E, 0.06, h62km, 3km, mb3.7/1, Error ellipse: s-maj=8.8km s-min=5.6km az=171

JMA 25 14:26:57.8, 36.46N, 140.61E, h54km, 1km, M3.7, Broadband fault plane solution: P waves, NP1: 0.18,00000, 0.73,00000, 0.79,00000, NP2:0.23,00000, 0.20,00000, 0.12,00000, Principal axes: T Plg61.00000, Azm272.00000; N Plg11.00000, Azm22.00000; P Plg27.00000, Azm117.00000;

JMA Fell II, JMA IDC 25 14:27:00.4, 2.1, 36.42N, 140.41E, h78km, 19km, mb3.5/18, mb1.3/7.19, mb1mx3.5/76, mbtmp3.8/19, MS2.7/2, Ms1 2.7/2, ms1mx2.4/51 Error ellipse: s-maj=21.2km s-min=12.4km az=75.5

ISC 25 14:26:58.1, 0.8, 36.49N, 0.04x140.54E, 0.06, h55km, 6km, n38, e157/41, mb3.7/18, 1C-5D, Near east coast of Eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for JHO Hitachi, JHT Yasato, JSB Shiba, JSB Ashikaga, etc.

NSSP 25 14:29:51.7, 38.45N, 145.28E, h15km, Ms3.0, TEH 25 14:29:53.5, 38.39N, 145.17E, h12km, ML2.8

ISC/JB 25 14:29:53.1, 3.3, 38.4N, 0.01x145.3E, 0.1, h15km, Error ellipse: s-maj=21.8km s-min=6.0km az=135.7

ISC 25 14:29:52.5, 2.3, 38.4N, 0.1x145.2E, 0.1, h15km, n6, e049/9, 2c, Iran-Armenia-Azerbaijan border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for ISHB Shebaster, IMRD Marand, IMRD Marand, etc.

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0.2nm,0.5s,baz=135,slow=4.9,SNR=6.0 SOMN Songoing Array 148.05 6 PKPbc PKPbc 15 07 03.0 -0.1 0.3nm,0.3s,baz=322,slow=2.5,SNR=2.3

IDC 25 14:50:31.4, 3.0, 1.90S, 99.91E, h0km, mb3.6/6, mb1 3.7/6, mb1mx3.3/66, mbtmp3.6/6, Error ellipse: s-maj=117.2km s-min=22.1km az=58.0, Southern Sumatera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for H0S2 Diego Garcia H, H0S3 Diego Garcia H, H0S1 Diego Garcia H, etc.

IDC 25 15:01:17.2, 2.2, 4.50N, 124.71E, h0km, mb3.7/4, mb1 3.8/4, mb1mx3.3/56, mbtmp3.7/4, Error ellipse: s-maj=291.3km s-min=20.3km az=65.0

DJA 25 15:01:59.8, 1.7, 4.4N, 9.12E, 2E.2.1, h179km, 68km, M4, 4/4, DJA 25 15:01:17.2, 1.7, 4.3N, 9.12E, 2E.2.1, h179km, 68km, M4, 4/4, IDC 25 15:01:17.2, 1.7, 4.3N, 9.12E, 2E.2.1, h10km, n6, e0921/5, mb3.7/4, Talaud Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for LBMI Labuha, LBMI Sanana, WRA Warrungarra Arr, etc.

IDC 25 15:13:44.1, 3.4, 4.47N, 124.35E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.3/57, mbtmp3.5/4, MS2.7/1, Ms1 2.9/1, ms1mx2.3/5, Error ellipse: s-maj=143.2km s-min=20.8km az=67.0, Celebes Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for WRA Warrungarra Arr, CMAR Chiang Mai Arr, ASAR Alice Springs, etc.

DDA 25 15:13:43.9, 37.79N, 38.03E, h5km, ML2.8, ISK 25 15:13:43.7, 37.76N, 38.05E, h2km, ML2.1/4, CSEM 25 15:13:44.0, 3.0, 37.76N, 38.05E, h12km, ML2.1, Error ellipse: s-maj=6.3km s-min=4.7km az=125.0

ISC 25 15:13:45.0, 1.1, 37.76N, 0.03x38.04E, 0.03, h14km, 10km, n17, e1941/29, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for MALT Malatya, MALT Malatya, MALT Malatya, etc.

IDC 25 15:50:30.0, 7.0, 5.67S, 147.53E, h177km, 38km, mb2.9/2, mb1 3.0/4, mb1mx2.7/44, mbtmp3.3/4, Error ellipse: s-maj=69.0km s-min=49.0km az=42.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for PMG Port Moresby, WRA Warrungarra Arr, ASAR Alice Springs, etc.

NIED 25 15:51:00, 39.40N, 142.70E, h29km, Mw3.6, Best double couple: M3.11000x1014 NP1:0.223,00000, 0.32,00000, 0.129,00000, NP2:0.87,00000, 0.66,00000, 0.26,00000, 0.69,00000

JMA 25 15:51:08.4, 0.1, 39.42N, 142.68E, h30km, 1km, M3.5, IDC 25 15:51:15.8, 5.3, 4.07N, 141.56E, h34km, 43km, mb3.3/7, mb1 3.4/9, mb1mx3.2/65, mbtmp3.5/9, ML2.8/2, Error ellipse: s-maj=35.3km s-min=18.1km az=87.0

ISC 25 15:51:08.6, 2.0, 39.52N, 0.06x142.60E, 0.09, h28km, 13km, n24, e1942/22, mb3.6/8, Near east coast of Eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for MIYJ Miyakonagawaza, JTH Tanohata, OFUJ Ofunato.

25d 18h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TKL, KKB, MMB, UDBI, LDF, etc.

ISCJB 25 17:02:15.3.0.4, 37.32N.0.03:28.02E.0.03, h0km, Error ellipse: s-maj=4.4km s-min=2.7km az=31.2

CSEM 25 17:02:15.3.0.1, 37.31N.28.03E, h1km, MD2.5, Error ellipse: s-maj=4.3km s-min=2.6km az=32.0, Suspected Mining explosion.

ISK 25 17:02:15.2, 37.31N.28.00E, h0km, ML2.5/6, Suspected Mining explosion.

DDA 25 17:02:15.7, 37.34N.28.01E, h7km, MI2.8, Suspected Mining explosion.

ISC 25 17:02:15.0.0.8, 37.29N.0.03:27.99E.0.02, h0km, n34, c069/53, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YER, YER, AYDN, AYDN, etc.

ISCJB 25 17:22:30.0.0.5, 3.94N.0.08:63.55E.0.06, h10km, mb4.3/29, MS3.6/6, Error ellipse: s-maj=11.8km s-min=8.6km az=14.2

ISC 25 17:22:30.3.1, 3.89N.63.60E, h0km, mb3.8/13, mb1.4/0.13, mb1mx3.7/6.8, mbtmp3.8/13, MS3.6/6, Ms1.3/6.6, ms1mx3.1/5.8, Error ellipse: s-maj=25.2km s-min=20.7km az=20.0

NEIC 25 17:22:31.8.0.5, 3.93N.63.58E, h10km, mb4.5/17, Error ellipse: s-maj=11.5km s-min=8.0km az=192.0

ISC 25 17:22:31.5.0.7, 3.9N.0.1:63.58E.0.08, h10km, n52, c1925/50, mb4.3/29, MS3.6/6, Carlsberg Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HMDM, H08N2, H08N3, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GSI, PSI, LSA, CM31, etc.

JMA 25 17:22:35.8.0.5, 44.74N.149.19E, h30km, M3.5, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NEM2, NEM2, JRA, etc.

MAN 25 17:28:55, 10.29N.123.01E, h50km, mb4.0, ML2.8, MS2.4, I.C, Cebu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUIM, GUIM, GUIM, etc.

ISC 25 17:42:58.5.2.0, 2.81N.93.08E, h0km, mb3.4/6, mb1.3/6.8, mb1mx3.4/6.5, mbtmp3.5/8, ML3.6/2, Error ellipse: s-maj=62.5km s-min=20.1km az=56.0

ISC 25 17:43:02.5.1.7, 2.9N.0.2:93.4E.0.1, h17km, n9, c1971/9, mb3.5/6, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PSI, PSI, PALK, etc.

MEX 25 17:44:14.8.0.3, 15.96N.98.78W, h19km, 13km, MD3.8, Off coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PNIG, PNIG, CAIG, etc.

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Table with columns: MEIG, MEIG, PLIG, PLIG, ARIG, ARIG. Includes stations like Mezcala, Platanillo, Puente Sto Nin.

JMA 25 18:04:33.4, 36.76N.140.61E, h7km, M2.5, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JHO, JHO, ONAJ, etc.

ISC 25 18:05:20.9.1.4, 20.45N.120.95E, h0km, mb3.3/6, mb1.3/4.6, mb1mx3.2/6.8, mbtmp3.3/6, Error ellipse: s-maj=141.0km s-min=18.4km az=65.0, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SONM, SONM, MKAR, etc.

ISCJB 25 18:16:33.6.0.5, 51.64N.0.08:177.43E.0.05, h33km, mb4.1/43, MS2.6/2, Error ellipse: s-maj=11.0km s-min=4.4km az=179.6

ISC 25 18:16:35.8.0.8, 51.58N.177.60E, h41km, mb5.5/17, mb1.3/8.19, mb1mx3.6/7.8, mbtmp3.8/19, ML3.3/2, MS2.9/4, Ms1.2/9.4, ms1mx2.6/5.1, Error ellipse: s-maj=21.0km s-min=12.2km az=167.0

NEIC 25 18:16:36.8.0.0, 52.09N.177.87E, h10km, mb4.4/34, ML4.1(AEIC), After AEIC.

ISC 25 18:16:36.5.0.6, 51.52N.0.1:177.57E.0.04, h35km, n84, c1972/82, mb4.2/44, Rat Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GAEA, GAEA, SMT, etc.

GAMB, Sand Point, CHGN, SVW2, KDAK, KDAK, KDAK, SPU, CNPM, BRLK, KTH, BPWA, PMR, SML, RND, MCK, GLI, SCM, FID, DHD, DMH, MURPY, CCB, HDA, IL1, ILAR, RAGM, PAX, HARP, BMRM, TOLK, FYU, ASAJ, EGAK, DAWY, HYT, INK, INK, KLR, H1N2, H1N3, H1N1, H111, H112, H113

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GAMB, Sand Point, CHGN, SVW2, KDAK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H11S2 WAKE ISLAND, YKWS Yellowknife Arr, YKA Yellowknife Arr, etc.

TEH 25 18:19:05.1, 32.54N; 59.40E, h0km, ML3.4
IDC 25 18:19:06.2, 1.5, 32.45N; 59.46E, h0km, mb3.2/5, mb1 3.3/6, mb1mx3.0/70, mbmtmp3.2/6, ML2.7/1, Error ellipse: s-maj=31.3km s-min=2.1km az=156.0

ISCJB 25 18:19:07.0, 2.6, 32.59N; 0.06; 59.42E; 0.05, h10km, mb3.2/5, Error ellipse: s-maj=9.2km s-min=6.3km az=172.4

ISC 25 18:19:06.9, 0.9, 32.48N; 0.06; 59.35E; 0.05, h10km, n14, c2513/15, mb3.2/5, Northern and central Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Az', Phase ID, Time, Res.

IDC 25 18:46:58.0, 1.5, 11.36N; 125.27E, h0km, mb3.5/3, mb1 3.8/3, mb1mx3.2/59, mbmtmp3.5/3, MS.6/1, Ms1 3.6/1, ms1mx2.5/42, Error ellipse: s-maj=228.4km s-min=24.1km az=73.0

MAN 25 18:46:58, 12.80N; 124.36E, h117km, mb4.2, ML3.0, MS2.7

ISCJB 25 18:46:59.7, 0.5, 12.78N; 0.06; 124.25E; 0.08, h100km, mb3.7/2, Error ellipse: s-maj=1.2km s-min=5.4km

ISC 25 18:46:59.1, 1.1, 12.76N; 0.05; 124.25E; 0.07, h100km, n23, c2541/19, mb3.4/3, 1C-1D, Samar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Az', Phase ID, Time, Res.

NIED 25 19:12:00, 36.30N; 137.00E, h0km, Mw3.5, Best double couple: M2.070000, 1.074 NP1.336.0000, 874.00000, 2.6.000000, NP2.264.00000, 884.00000, 1.164.00000, JCB 25 19:12:48.0, 1.0, 36.26N; 101.05; 137.04E; 0.05, h10km, mb3.4/1, Error ellipse: s-maj=14.1km s-min=4.9km az=170.9

IDC 25 19:12:48.0, 1.7, 36.17N; 136.99E, h0km, mb3.3/1, mb1 3.6/2, mb1mx3.1/64, mbmtmp3.4/2, ML3.2/1, Error ellipse: s-maj=19.7km s-min=13.4km az=151.0

JMA 25 19:12:49.8, 1.0, 36.24N; 101.05; 137.06E; 0.03, h10km, n14, c0567/11, 1C-2D, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JGN Niukaw, JGT Tatey, JTT Kitey, etc.

ISCJB 25 19:29:39.3, 0.3, 2.91N; 0.03; 128.49E; 0.04, h33km, mb4.4/23, Error ellipse: s-maj=6.4km s-min=4.4km az=151.2

DJA 25 19:29:41.0, 0.5, 3.7N; 4.12; 8E.1, h10km, M4.3.10, mb4.3/6, mb5.2/3, MLV4.2/10, Mw(MB)4.5/3

NEIC 25 19:29:43.7, 1.1, 2.77N; 128.44E, h61km, 11km, mb4.5/18, Error ellipse: s-maj=10.9km s-min=6.5km az=63.0

IDC 25 19:29:44.3, 3.0, 2.89N; 128.64E, h69km, 31km, mb3.4/8, mb1 3.6/9, mb1mx3.4/52, mbmtmp3.7/9, ML4.0/1, MS2.9/1, Ms1 2.9/1, ms1mx2.4/20, Error ellipse: s-maj=46.7km s-min=15.4km az=62.0

ISC 25 19:29:41.5, 5.5, 2.87N; 0.05; 128.47E; 0.06, h35km, n63, c1956/62, mb4.2/23, Malhamera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Az', Phase ID, Time, Res.

IDC 25 19:39:33.9, 1.2, 12.95N; 146.60E, h0km, mb3.5/6, mb1 3.6/6, mb1mx3.4/61, mbmtmp3.5/6, Error ellipse: s-maj=30.0km s-min=21.2km az=76.0

ISC 25 19:39:39.0, 1.2, 12.9N; 0.2; 146.4E; 0.1, h31km, n7, c1504/8, mb3.6/6, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Az', Phase ID, Time, Res.

MAN 25 19:57:17, 10.26N; 123.19E, h1km, mb4.1, ML2.9, MS2.6, 1D, Cebu

IDC 25 20:07:10.9, 1.4, 26.50N; 129.63E, h0km, mb3.6/4, mb1 3.7/5, mb1mx3.3/54, mbmtmp3.5/5, ML3.5/1, MS2.5/1, Ms1 2.5/1, ms1mx2.2/84, Error ellipse: s-maj=71.6km s-min=22.2km az=76.0

JMA 25 20:07:12.6, 26.48N; 129.74E, h49km, M3.4

ISC 25 20:07:10.1, 1.6, 26.53N; 0.04; 129.73E; 0.04, h4km, 11km, n19, c173/32, mb3.6/4, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Az', Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SONM Songoing Array, SONA1 Yellowknife Arr, MK01 Makanchi Array, etc.

ISCJB 25 19:39:01.0, 1.0, 21.92S; 0.05; 68.8W; 0.1, h123km, 6km, mb3.5/6, Error ellipse: s-maj=16.8km s-min=7.1km az=12.5

IDC 25 19:39:02.6, 4.0, 21.83S; 68.52W, h116km, 33km, mb3.3/6, mb1 3.5/8, mb1mx3.4/39, mbmtmp3.7/8, Error ellipse: s-maj=39.9km s-min=24.6km az=64.0

GUC 25 19:39:02.0, 2.0, 21.89S; 68.86W, h116km, 44km, ML4.0

ISC 25 19:39:01.0, 1.0, 21.89S; 0.06; 68.58W; 0.09, h111km, 9km, n18, c234/29, mb3.5/6, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Az', Phase ID, Time, Res.

IDC 25 19:39:33.9, 1.2, 12.95N; 146.60E, h0km, mb3.5/6, mb1 3.6/6, mb1mx3.4/61, mbmtmp3.5/6, Error ellipse: s-maj=30.0km s-min=21.2km az=76.0

ISC 25 19:39:39.0, 1.2, 12.9N; 0.2; 146.4E; 0.1, h31km, n7, c1504/8, mb3.6/6, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Az', Phase ID, Time, Res.

IDC 25 19:54:25.3, 8.2, 17.68S; 174.04W, h0km, mb3.3/3, mb1 3.7/3, mb1mx3.5/36, mbmtmp3.3/3, Error ellipse: s-maj=357.5km s-min=42.3km az=141.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Az', Phase ID, Time, Res.

MAN 25 19:57:17, 10.26N; 123.19E, h1km, mb4.1, ML2.9, MS2.6, 1D, Cebu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Az', Phase ID, Time, Res.

IDC 25 20:07:10.9, 1.4, 26.50N; 129.63E, h0km, mb3.6/4, mb1 3.7/5, mb1mx3.3/54, mbmtmp3.5/5, ML3.5/1, MS2.5/1, Ms1 2.5/1, ms1mx2.2/84, Error ellipse: s-maj=71.6km s-min=22.2km az=76.0

JMA 25 20:07:12.6, 26.48N; 129.74E, h49km, M3.4

ISC 25 20:07:10.1, 1.6, 26.53N; 0.04; 129.73E; 0.04, h4km, 11km, n19, c173/32, mb3.6/4, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Az', Phase ID, Time, Res.

25d 20h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JAMN Amamishikomi, JAMN JZK, JAMN JKT, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUILM Jordan, GUILM LUPU, GUILM LLL, etc.

MAN 25 20:07.58, 10°24'N-123°09'E, h18km, mb4.4, ML3.3, MS3.1, 9C-10D, Cebu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ISK 25 20:11:51.7, DDA 25 20:11:52.3, CSEM 25 20:11:53.0, etc.

ISC 25 20:11:52.2, 1.2, 39°52'N-02°43'93"E, h2km, 11km, n43, r1916/62, Turkey

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DYDN Diyadin, DYDN Diyadin, IGDI IGDIR, etc.

NIED 25 20:18:00, 37°50'N-142°70'E, h17km, Mw3.4 Best double couple: M1.64000x1014 NP1.30311.00000, 818.00000, lambda=146.00000, NPD2.189.00000, 380.00000, lambda=75.00000

JMA 25 20:18:18.9-0.3, 37°53'N-142°75'E, h16km, M3.6 IDC 25 20:18:18.4-1.3, 37°53'N-142°78'E, h0km, mb3.6/6, mb1 3.6/7, mb1mx3/4/68, mbtmp3.5/7, ML3.2/2, MS2.7/1, Ms1 2.7/1, ms1mx2/2/60, Error ellipse: s-maj=29.5km s-min=24.9km az=99.0

ISCJJB 25 20:18:20.9-1.7, 37°55'N-142°77'E, 0.06, h13km, 15km, mb3.6/6, Error ellipse: s-maj=8.2km s-min=7.2km az=28.0

ISC 25 20:18:22.3-3.5, 37°57'N-142°72'E, 0.09, h25km, 24km, n31, r1905/34, mb3.5/6, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JIO Ouri, JIO Ouri, JFK Kawachi, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JAG Ashikaga, JAW Awa shima, JAH Hinai, etc.

CSEM 25 20:34:27.6-0.1, 37°75'N-23°17'E, h12km, ML1.5, Error ellipse: s-maj=1.9km s-min=1.7km az=150.0

THE 25 20:34:27.9, 37°76'N-23°17'E, h14km, km, ML1.5/7, Error ellipse: s-maj=1.6km s-min=0.4km az=213.0

ATH 25 20:34:27.8, 37°76'N-23°17'E, h14km, km, ML1.5/7, Error ellipse: s-maj=4.2km s-min=0.7km az=118.0, Southern Greece

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DID Didima, DID Didima, DID Didima, etc.

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NEIC 25 20:34:35.7-0.5, 38°46'N-13°48'E, h17km, 3km, mb4.4/22, ML4.2(ROM), Error ellipse: s-maj=3.2km s-min=2.7km az=211.0

NEIC Felt [III] at Palermo. Also felt at Capaci. ISC 25 20:34:36.2-0.4, 38°52'N-13°44'E, 0.03, h20km, 2km, n595, r1968/618, mb4.3/42, MS3.5/10, 56C-41D, Sicily

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like USI Ustica, USI Ustica, USI Ustica, etc.

HMDC	Modica	1.89 145 f Pp	Pn	20 35 06.5 -0.9	DSL Palaion Diesel	6.01 82 ePn	Pn	20 36 03.8 -0.2	ARSA Arzberg	4.4nm,0.9s	8.86 9 P	Pn	20 36 44.7 +1.7
AGST	Augusta-Monte	1.90 131 Pp	Pn	20 35 05.9 -1.5	DSL Palaion Diesel	6.01 82 P	Pn	20 36 03.8 -0.2	ARSA Arzberg	8.0nm,0.9s	8.86 9 ePn	Pn	20 36 44.7 +1.7
AGST	Augusta-Monte	2.0m,0.9s	Pp	20 35 05.9 -1.5	VLC Villacollemand	6.08 339 ePn	Pn	20 36 07.8 +2.8	ARSA Arzberg	8.0nm,0.9s	8.86 9 P	Pn	20 36 48.3 +4.4
GMB	Gambarie	1.92 100 Pp	Pn	20 35 05.3 -2.5	VLC Villacollemand	6.08 339 ePn	Pn	20 36 07.8 +2.8	WATA Walderalm	3.4nm,0.6s	9.91 352 i P	Pn	20 36 48.3 +4.4
GMB	Gambarie	3um,0.6s	Pp	20 35 05.3 -2.5	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	MOTA Moosalm	6.5nm,0.8s,SNR=8.4	8.98 350 eP	Pn	20 36 48.6 +3.7
CEL	Celeste	1.95 97 ePn	Pn	20 35 05.6 -2.7	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	SEMIN Lac Senin/Sane	SNR=1.0	9.05 332 ePn	Pn	20 36 50.2 +4.4
CEL	Celeste	1.95 97 ePn	Pn	20 35 05.6 -2.7	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	LASF Ste Croix	SNR=1.0	9.09 311 ePn	Pn	20 36 44.7 -1.6
CEL	Celeste	3um,1.5s	Pp	20 35 05.6 -2.7	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	LASF Ste Croix	SNR=1.0	9.09 311 ePn	Pn	20 36 44.7 -1.6
HAVL	Avola	2.06 139 Pp	Pn	20 35 08.4 -1.2	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	VIVF Saint-Julien-I	SNR=1.0	9.11 317 ePn	Pn	20 36 46.0 -0.5
HAVL	Avola	2um,0.4s	Pp	20 35 08.4 -1.2	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	VIVF Saint-Julien-I	SNR=1.0	9.11 317 ePn	Pn	20 36 46.0 -0.5
PTMD	Pantelleria Cu	2.08 214 Pp	Pn	20 35 08.6 -1.3	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	DAVA Danuelli	14nm,0.7s,SNR=6.2	9.14 345 eP	Pn	20 36 50.8 +3.8
PTMD	Pantelleria Cu	3um,0.8s	Pp	20 35 08.6 -1.3	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	MREP RETA	8.2nm,1.3s	9.17 349 ePn	Pn	20 36 48.6 +1.2
MPAZ	Palizzi	2.10 105 Pp	Pn	20 35 08.5 -1.8	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	RETA Reutte	8.2nm,1.3s	9.17 349 ePn	Pn	20 36 48.6 +1.2
MPAZ	Palizzi	4um,1.8s	Pp	20 35 08.5 -1.8	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	RZN HERR	2.44 7 f Pp	9.24 447 f Pp	Pn	20 36 50.7 +2.8
SOI	Samo	2.11 101 Pp	Pp	20 35 08.3 -2.1	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	RZN HERR	2.44 7 f Pp	9.24 447 f Pp	Pn	20 36 50.7 +2.8
SOI	Samo	1um,0.8s	Pp	20 35 08.3 -2.1	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	BZS Buzias	9.34 38 f Pp	9.34 38 f Pp	Pn	20 36 50.1 +0.5
CET2	Cetraro	2.21 62 Pp	Pn	20 35 10.1 -1.6	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	BZS Buzias	9.34 38 f Pp	9.34 38 f Pp	Pn	20 36 50.1 +0.5
CET2	Cetraro	933nm,0.7s	Pp	20 35 10.1 -1.6	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	MOA Mollin	23nm,0.8s,SNR=16	9.34 3 P	Pn	20 36 52.6 +2.9
VENT	Ventotene	2.27 360 Pp	Pn	20 35 11.5 -1.1	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	MOA Mollin	23nm,0.8s,SNR=16	9.34 3 P	Pn	20 36 52.6 +2.9
VENT	Ventotene	2.27 360 Pp	Pn	20 35 11.5 -1.1	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	SSB Saint Sauveur	9.46 318 eP	9.46 318 eP	Pn	20 36 51.1 -0.2
MGR	Morigerati	2.30 45 f Pp	Pn	20 35 11.4 -1.6	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	SSB Saint Sauveur	9.46 318 ePn	9.46 318 ePn	Pn	20 36 51.1 -0.2
MGR	Morigerati	149nm,0.7s	Pp	20 35 11.4 -1.6	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CSK Cs'kkako	9.52 20 ePn	9.52 20 ePn	Pn	20 36 53.3 +1.3
CUC	Castrocuoco	2.36 51 ePn	Pn	20 35 12.8 -1.0	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
CUC	Castrocuoco	119nm,0.7s	Pp	20 35 12.8 -1.0	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
CUC	Castrocuoco	119nm,0.7s	Pp	20 35 12.5 -1.4	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
MMN	Mormanno	2.41 55 Pp	Pn	20 35 13.5 -1.0	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
MMN	Mormanno	2.41 55 Pp	Pn	20 35 13.5 -1.0	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
CDRU	Civita di Ruta	2.44 36 f Pp	Pn	20 35 13.9 -1.1	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
CDRU	Civita di Ruta	148nm,0.9s	Pp	20 35 13.9 -1.1	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
MTSN	Montesano sull	2.50 45 f Pp	Pn	20 35 15.1 -0.7	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
MTSN	Montesano sull	2.50 45 f Pp	Pn	20 35 15.1 -0.7	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
SIRI	Monte Sirino -	2.51 48 f Pp	Pn	20 35 15.1 -0.9	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
SIRI	Monte Sirino -	289nm,1.0s	Pp	20 35 15.1 -0.9	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
SERS	Sersale	2.59 78 Pp	Pp	20 35 15.8 -1.3	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
SERS	Sersale	105nm,0.4s	Pp	20 35 15.8 -1.3	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
MCRV	Calabrutti - M	2.62 30 Pp	Pp	20 35 16.8 -0.8	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
MCRV	Calabrutti - M	95nm,0.8s	Pp	20 35 16.8 -0.8	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
SALB	San Lorenzo Be	2.63 58 Pp	Pn	20 35 17.1 -0.6	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
SALB	San Lorenzo Be	181nm,0.7s	Pp	20 35 17.1 -0.6	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
MODR	Mondragone	2.64 7 f Pp	Pn	20 35 17.1 -0.6	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
MODR	Mondragone	159nm,1.0s	Pp	20 35 17.1 -0.6	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
TIP	Timpanagrande	2.68 75 ePn	Pn	20 35 17.2 -1.0	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
TIP	Timpanagrande	2.68 75 ePn	Pn	20 35 17.2 -1.0	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
SNAL	S. Angelo Dei	2.76 29 Pp	Pp	20 35 19.7 +0.3	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
SNAL	S. Angelo Dei	1um,2.0s	Pp	20 35 19.7 +0.3	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
WDD	Wied Dalam	2.82 162 ePn	Pn	20 35 18.5 -1.6	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
WDD	Wied Dalam	2.82 162 ePn	Pn	20 35 18.5 -1.6	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
ACER	Acerenza	2.98 40 Pp	Pn	20 35 23.1 +0.8	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
ACER	Acerenza	603nm,1.2s	Pp	20 35 23.1 +0.8	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
POFI	Posta Fibreno	3.20 4 f Pp	Pn	20 35 25.6 +0.2	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
POFI	Posta Fibreno	98nm,1.3s	Pp	20 35 25.6 +0.2	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
VSL	Villasalto	3.21 288 ePn	Pn	20 35 25.2 -1.6	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
VSL	Villasalto	3.21 288 ePn	Pn	20 35 25.2 -1.6	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
VSL	Villasalto	3.21 288 f Pp	Pp	20 35 25.2 -1.6	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
CGL	Cagliari Serpe	3.33 286 f Pp	Pp	20 35 25.5 -1.8	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
CGL	Cagliari Serpe	3.33 286 f Pp	Pp	20 35 25.5 -1.8	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
VVLD	Villa Vallelon	3.35 2 Pp	Pp	20 35 27.5 0.0	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
VVLD	Villa Vallelon	164nm,1.8s	Pp	20 35 27.5 0.0	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
SGI	Spolgore (BA)	3.41 46 i P	Pn	20 35 28.4 +0.1	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
AMUR	Altamura	3.41 45 f Pp	Pn	20 35 28.4 +0.1	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
AMUR	Altamura	119nm,0.7s	Pp	20 35 28.4 +0.1	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
MELA	Melanico ??? S	3.43 22 f Pp	Pn	20 35 30.2 +1.6	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
MELA	Melanico ??? S	130nm,0.6s	Pp	20 35 30.2 +1.6	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
MASS	Massafra	3.56 52 eP	Pn	20 35 29.9 -0.4	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
SGRT	San Giovanni R	3.68 28 Pp	Pp	20 35 32.5 +0.4	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
SGRT	San Giovanni R	77nm,0.8s	Pp	20 35 32.5 +0.4	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
BAI	Bari	3.70 45 i P	Pn	20 35 32.1 -0.1	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
TOLF	Tolla	3.70 343 Pp	Pn	20 35 33.0 +0.7	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
TOLF	Tolla	43nm,0.6s	Pp	20 35 33.0 +0.7	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
MSAG	Monte S. Angel	3.71 30 f Pp	Pp	20 35 32.6 +0.2	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
MSAG	Monte S. Angel	101nm,0.7s	Pp	20 35 32.6 +0.2	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8	CONA Conrad Observa	9.4nm,0.8s	9.57 10 P	Pn	20 36 54.3 +1.5
MSI	Monte Sant'Ang	3.71 30 i P	Pn	20 35 32.7 +0.2	NVLC Novajia	6.13 10 P	Pn	20 36 06.4 +0.8</					

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like KARP, GPC, SFTF, PRU, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like NBO00, NBO02, NC405, KBZ, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like HHC, CD2, ULM, etc.

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Table with columns: Call Sign, Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details. Includes stations like NJ2 Nanjing, ASAJ Asahikawa, WHN Wuhan, etc.

2012 FEB

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details. Includes stations like AAK Ala-Archa, USP Ospanovka, AML Almayashu, etc.

25d 21h

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details. Includes stations like ARTV Arvin, ARTV Artvin, AKH Akhalkalaki, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like SOEI, TNTI, BATI, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like PDMCI, J05D, SHPR, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like EGMT, JCT, LZH, etc.

Table with columns: CRNS, DAVA, FETA, BOJS, VAY, KRUS, NVLJ, PDG, OHR, STON, TOR, TOR, TOR. Includes station names, coordinates, and various codes.

ISCJB 25 21:14:53.0.0.5.38.05N.0.02.30.05E.0.03.h2km.6km, Error ellipse: s-maj=4.9km s-min=3.7km az=30.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like AFYON, BURDUR, ISPARTA, KARAHALLI, etc.

ISCJB 25 21:18:32.2.0.5.3.08S.0.06.139.50E.0.04.h46km, s-min=5.1km az=15.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like GENI, JAY, KMPI, WARRANGUNGA, FITZ, etc.

Table with columns: KIC, DBIC, TIC, LIC. Includes station names like KOSAN BOKA, DIMBOKRO, etc.

ISC 25 21:23:54.3.2.2.54.31N.169.21E.h0km, mb3.1/2, mb1 3.5/3, mb1mx3.0/81, mbmtmp3.1/3, ML2.5/1, Error ellipse: s-maj=103.5km s-min=32.5km az=164.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like PETK, ILAR, H112, H113, H111, H110, H11S, H11S2, TXAR.

ISCJB 25 21:24:56.0.0.9.51.42N.0.04.16.08E.0.04.h0km, Error ellipse: s-maj=6.4km s-min=3.3km az=20.8

ISC 25 21:24:58.1.1.4.51.38N.0.06.16.09E.0.04.h0km, n28, 0.65/50, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like KSP, UPC, DPC, PVCC, GOPP, etc.

ISC 25 21:34:08.7.3.9.5.30S.103.09E.h0km, mb3.5/6, s-maj=166.7km s-min=21.4km az=54.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like NKK, KHC, KHC, KHC, etc.

ISC 25 21:34:09.1.1.1.103.11N.103.11E.0.10.h10km, n12, 0.192/12, mb3.6/3, Southern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like LWLI, MINAI, KASI, etc.

PDA 25 22:06:43.9.1.1.39.48N.29.85W.h10km, ML3.5, Error ellipse: s-maj=10.5km s-min=2.5km az=29.0, Azores Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like FLORES T-PHASE, Cedros, CALA, etc.

TEH 25 22:09:24.6.30.40N.51.10E.h15km, ML3.6

ISC 25 22:09:25.4.1.1.30.54N.51.18E.h0km, mb3.6/18, mb1 3.8/22, mb1mx3.7/65, mbmtmp3.7/22, ML3.5/4, Error ellipse: s-maj=24.1km s-min=14.9km az=167.0

ISCJB 25 22:09:26.4.0.4.30.43N.0.04.51.08E.0.05.h19km, mb3.5/17, Error ellipse: s-maj=6.9km s-min=5.0km az=41.9

CSEM 25 22:09:29.0.4.0.30.48N.51.20E.h20km, ML3.6, Error ellipse: s-maj=14.3km s-min=8.6km az=65.0

THR 25 22:09:29.7.0.9.30.49N.51.25E.h38km, ML3.5

ISC 25 22:09:27.2.0.5.30.39N.0.05.51.11E.0.04.h19km, n60, 0.1953/65, mb3.6/17, Northern and central Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like KAZEROUN, AHRAM, IRAM, IGAR, etc.

CLL TORO Di Ar. Bea 167.90 174 PKPab PKPab 23 56 31.0 23 57 43.3 +3.3

NEIC 25 23:39:30.9, 2.3, 24.963x177.18W, h72km, 21km, mb4.2/3, Error ellipse: s-maj=27.1km s-min=12.5km az=168.0, IDC 25 23:39:31.7, 4.7, 24.905x177.20W, h74km, 41km, mb3.9/8, mb1.4/2.9, mb1mx3.7/4.0, mbtmp4.3/9, ML4.8/1, MS3.8/19, Mb1.3/1.9, ms1mx3.7/3.3, Error ellipse: s-maj=31.1km s-min=22.4km az=14.0

ISC 25 23:39:37.0, 0.6, 25.15S, 0.1x177.2W, 0.1, h126km, n44, o169/30, mb4.1/10, 3C, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like RAO Raoul Island, URZ Urewera, DZM Mont Dzumak, etc.

KRSC 25 23:41:53.0, 1.2, 49.638N, 156.34E, h52km, 20km, ML3.8, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like SKR Severo-Kuril's, PAU Pauzhetka, etc.

IDC 25 23:52:26.2, 0.2, 4.36, 20N, 141.99E, h0km, mb3.5/4, mb1.3/7.7, mb1mx3.4/6.7, mbtmp3.6/7, ML3.4/3, Error ellipse: s-maj=53.3km s-min=25.0km az=66.0

JMA 25 23:52:29.5, 1.1, 36.16N, 141.90E, h62km, 62km, M3.1, ISC 25 23:52:29.5, 1.1, 36.16N, 141.78E, 0.08, h2km, n22, o176/20, mb3.5/4, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like CHOJ Chosi, JHO Hitachi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like JHU Hachiojima, KRSS Korea Array, H1N2 WAKE ISLAND, etc.

IDC 25 23:52:46.8, 1.8, 0.16S, 99.35E, h0km, mb3.4/6, mb1.3/5.7, mb1mx3.3/6.2, mbtmp3.4/7, ML3.4/1, Error ellipse: s-maj=61.0km s-min=31.2km az=65.0

ISC/BJ 25 23:52:51.2, 1.1, 0.13S, 0.09, 98.3E, 0.2, h48km, mb3.4/6, Error ellipse: s-maj=30.7km s-min=11.9km az=174.2

ISC 25 23:52:53.5, 5.1, 0.1S, 0.1, 98.5E, 0.3, h48km, n7, o194/8, mb3.5/6, Southern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like PSI Prapat, WRA Warramunga Arr, etc.

IDC 25 23:59:26.3, 2.6, 23.75S, 177.46W, h0km, mb3.9/3, mb1.3/3.1, mb1mx3.7/4.0, mbtmp3.9/3, MS3.5/1.1, Ms1.3/1.1, ms1mx3.2/3.8, Error ellipse: s-maj=181.9km s-min=32.7km az=160.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like RAO Raoul Island, DZM Mont Dzumak, etc.

IDC 26 00:04:59.4, 4.2, 26.47N, 144.39E, h0km, mb3.3/4, mb1.3/4.5, mb1mx3.2/6.3, mbtmp3.4/5, ML3.3/2, Error ellipse: s-maj=87.8km s-min=38.0km az=179.0

ISC 26 00:05:06.3, 2.5, 26.7N, 0.3, 144.2E, 0.1, h35km, n6, o183/7, mb3.4/4, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like JCJ Chichijima, MJAR Matsushiro Arr, etc.

IDC 26 00:05:34.0, 4.4, 27.02N, 144.35E, h0km, mb3.3/4, mb1.3/4.4, mb1mx3.1/6.1, mbtmp3.3/4, ML3.0/1, MS3.3/1, Ms1.2/1, ms1mx2.4/2.9, Error ellipse: s-maj=107.1km s-min=48.9km az=0.0, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like JCJ Chichijima, MJAR Matsushiro Arr, etc.

Error ellipse: s-maj=6.9km s-min=5.0km az=49.0, DJA 26 00:07:49.3, 0.2, 1.1N, 3.12E, h179km, 3km, M4.6/22, mb4.6/22, mb5.0/6, ML4.8/13, Mw(mb)4.3/6

IDC 26 00:07:52.1, 1.5, 0.67N, 123.99E, h228km, 14km, mb3.8/19, mb1.3/9.2/3, mb1mx3.6/6.5, mbtmp4.3/2.3, Error ellipse: s-maj=18.1km s-min=6.6km az=71.0

ISC 26 00:07:49.7, 0.7, 0.69N, 0.04, 124.07E, 0.05, h201km, 7km, n104, o184/124, mb4.3/34, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like KMSI Cibinong, MRSI Marisa, etc.

IDC 26 00:07:48.5, 0.4, 0.80N, 0.03, 124.14E, 0.03, h202km, 4km, mb4.2/34, Error ellipse: s-maj=5.7km s-min=4.6km az=142.3

NEIC 26 00:07:49.1, 0.6, 0.79N, 124.11E, h196km, 6km, mb4.8/17, 1.4nm, 0.4s, baz=150, slow=3.2, SNR=15

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like UGM Wanaqama, KPI Karo Pucung, etc.

26d 0h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKAR, PETK, ZALV, KURBB, etc.

ISCJB 26:00:18.49.0.5, 76:76N.0:06:18.4E.0:2, h16km, mb3.2/5, MS3.5/1, Error ellipse: s-maj=9.1km s-min=4.9km az=33.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HSP, SPAO, SPITS, HOPEN, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like URZ, DZM, RAR, TBI, HNR, PAE, PPT, PPT, CTA, PMG, ASAR, WRA, AKASO, BRTR, etc.

SCB 26:00:29.26.3.0.7, 21:12S:66:35W, h243km, 6km, M4.0/2, Error ellipse: s-maj=18.5km s-min=7.4km az=28.0

NEIC 26:00:28.70.5.21, 40S:66:36W, h209km, 5km, mb4.6/2.4, Error ellipse: s-maj=8.0km s-min=5.5km az=61.0

ISCJB 26:00:29.26.3.0.7, 21:12S:66:35W, h243km, 6km, M4.0/2, Error ellipse: s-maj=18.5km s-min=7.4km az=28.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MOCB, HJA, HJA, PB09, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OTAV, SOTA, SOTA, SOTA, etc.

ISCJB 26:00:38.31.2.0.8, 24:75S:177:08W, h0km, mb4.2/6, mb1 4.5/7, mb1mx4.1/4.1, mbtmp4.2/7, ML4.4/1, Error ellipse: s-maj=32.1km s-min=22.2km az=139.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Raoul Island, Mont Dumac, Tubuai, etc.

IDC 26 00:39:57.5-6.1, 18.645x138.38E, h0km, mb1 2.9/2, mb1mx2.9/39, mbmtmp2.6/2, ML2.2/2, Error ellipse: s-maj=42.8km s-min=28.8km az=68.0, Queensland

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Warramunga Arr, WRA, I07AU, ASAR, etc.

CSEM 26 00:41:34.6, 39.49N-29.87W, h10km, ML2.8, PDA 26 00:41:34.6-1.0, 39.49N-29.87W, h10km, MD3.6, ML2.8, Error ellipse: s-maj=16.1km s-min=3.4km az=24.0, Azores Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FLORES T-PHASE, CEDROS, PICO, etc.

IDC 26 00:42:44.1-0.9, 24.79S:177.10W, h0km, mb4, 1/7, mb1 4.4/7, mb1mx4, 1/38, mbtmp4, 1/7, MS3 6/15, Ms1 3.6/15, ms1mx3.4/39, Error ellipse: s-maj=49.5km s-min=22.4km az=163.0

ISCJB 26 00:42:45.1-0.7, 24.67S:0.07:177.2W, h10km, mb4, 0/9, MS3 6/11, Error ellipse: s-maj=17.1km s-min=10.4km az=11.4

NEIC 26 00:42:45.8-0.5, 24.63S:177.13W, h10km, mb4, 1/3, Error ellipse: s-maj=15.8km s-min=9.8km az=103.0

ISC 26 00:42:45.9-0.7, 24.85S:0.17:177.0W, h2.0, h10km, n37, +t103/19, mb4.0/9, MS3.7/11, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Raoul Island, Urewera, Mont Dumac, etc.

Table with columns: PMG, comp, LR, LR, 01 02 18.1, LPL, 8.1nm, 0.3s, SNR=1.0, eSg, Sg, 00 49 41.5 -0.1. Includes stations like Port Moresby, ASAR, ASAR, etc.

LDG 26 00:49:11.8-0.1, 44.60N:6.79E, h2km, Md2 6/3, ML2.3/13, Error ellipse: s-maj=2.2km s-min=1.3km az=51.0

GEN 26 00:49:11.6, 44.60N:6.76E, h3km, ML1 1.6, CSEM 26 00:49:11.4-0.1, 44.60N:6.78E, h10km, ML2.3/17, Error ellipse: s-maj=2.8km s-min=1.9km az=57.0

ISCJB 26 00:49:11.2-0.2, 44.60N:0.01:6.77E, h0.2, h12km, 2km, Error ellipse: s-maj=2.5km s-min=1.9km az=156.3

ROM 26 00:49:11.0-0.3, 44.62N:6.80E, h5km, Md2 1/9, MI1 7/5, Error ellipse: s-maj=3.4km s-min=1.4km az=61.0

STR 26 00:49:12.4-0.2, 44.62N:6.82E, h5km, ML2.0/8, Error ellipse: s-maj=3.4km s-min=1.4km az=61.0

ISC 26 00:49:11.8-0.8, 44.60N:0.01:6.79E, h0.2, h11km, 5km, n80, +t92/140, France

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Saint Ours, Saint Ours, etc.

OGAG Argentiere 0.23 231 Pg Pg 00 49 16.8 +0.1

OGAG Argentiere 0.25 111 Pg Pg 00 49 16.4 -0.7

PZZ Stroppo 0.25 111 Pg Pg 00 49 16.4 -0.5

PZZ Stroppo 0.25 111 Pg Pg 00 49 16.4 -0.7

RRL Rocca Remolon 0.32 0 Pg Pg 00 49 17.3 -1.1

RRL Rocca Remolon 0.32 0 Pg Pg 00 49 22.2 -0.6

DOI San Damiano 0.34 106 Pg Pg 00 49 19.2 +0.5

DOI San Damiano 0.34 106 Pg Pg 00 49 24.4 +1.2

DOI San Damiano 0.34 106 Pg Pg 00 49 19.2 +0.5

DOI San Damiano 0.34 106 Pg Pg 00 49 24.4 +1.2

BHB Bricherasio 0.42 54 P Pg 00 49 20.2 +0.2

BHB Bricherasio 0.42 54 P Pg 00 49 26.1 +0.5

BHB Bricherasio 0.42 54 P Pg 00 49 20.2 +0.2

BHB Bricherasio 0.42 54 P Pg 00 49 26.2 +0.6

Table with columns: LPL, 8.1nm, 0.3s, SNR=1.0, eSg, Sg, 00 49 41.5 -0.1. Includes stations like NEGI Seborga, Rocca Rossa, etc.

TAP 26 01:01:08.5, 24.89N:122.59E, h1km, ML3.2, D

ISCJB 26 01:01:10.1-0.1, 24.89N:0.05:122.65E, h0.03, h16km, Error ellipse: s-maj=7.4km s-min=3.9km az=20.1

JMA 26 01:01:10.7-0.2, 24.82N:122.64E, h30km, 3km, Error ellipse: s-maj=7.4km s-min=3.9km az=20.1

ISC 26 01:01:09.7-1.0, 24.83N:0.05:122.61E, h0.03, h16km, n47, +t68/151, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like EOI1, Yonaguni jima, etc.

EOI1 0.52 238 eP Pb 01 01 20.9 +0.5

YOJ Yonaguni jima 0.52 135 P Pb 01 01 21.0 +0.7

YOJ Yonaguni jima 0.52 137 i S 01 01 29.9 -1.0

YOJ Yonaguni jima 0.52 135 P Pb 01 01 20.9 +0.5

YOJ Yonaguni jima 0.52 137 S Pb 01 01 27.9 +0.3

TWB1 Santiaio Chiao 0.59 288 eP Pb 01 01 25.5 -0.1

TWP Shuangxi 0.72 281 P Pg 01 01 23.4 -0.4

TIBC Susu 0.72 253 P Pg 01 01 23.7 -0.1

NWF Wu-fen Shan 0.79 288 eP Pb 01 01 25.6 -0.6

WFSS Wu-fen Shan 0.79 288 eP Pg 01 01 25.3 +0.3

ENAH Nanao 0.82 243 eP Pb 01 01 25.8 +0.3

TWE Neicheng 0.86 263 i P Pb 01 01 25.7 -0.6

NANB Nanao 0.88 243 i P Pb 01 01 26.5 0.0

ENA Nanao 0.89 243 eP Pb 01 01 26.9 +0.2

ENA Nanao 0.89 243 eS Sn 01 01 39.9 -0.1

SLBB Yuanshan 0.89 265 P Pb 01 01 27.3 -0.2

YM07 YM07 0.96 291 P Pb 01 01 28.6 +0.1

ENTT Nioudou 0.97 259 eP Pb 01 01 28.9 +0.3

26d 2h

Azm114.0000°; N Plg0.0000°; Azm0.0000°; P Plg21.0000°; Azm241.0000°; Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism.
 NEIC Minor damage in Pingtung, Felt [V] at Yongkang; [IV] at Kaohsiung and Tainan; [III] at Taichung and Taipei. Felt [III] at Xiamen, Fujian. Recorded [5 TAP] in Pingtung and Taitung; [4 TAP] in Chiayi and Yunlin; [3 TAP] in Changhua, Hualien, Nantou and Penghu; [2 TAP] in Miaoli and Yilan. Recorded [1 JMA] on Hateruma-jima, Ishigaki-jima and Yanaguni-jima, Ryukyu Islands.
 MOS 26 02:35:00.8; 1.0, 2.2°73N, 120°33E, h42km, mb6.0/123, MS5.7/83 Error ellipse: s-maj=5.4km s-min=3.3km az=109.8
 TAP 26 02:35:00.4, 2.2°75N, 120°76E, h26km, ML6.3, C GCMT 26 02:35:00.5-0.1, 2.2°69N, 120°70E, h25km, MW5.9/132, Moment Tensor Solution. s130,c280; s132,c366; Duration: 2s3 Moment tensor: Scale 1018Nm; Mn:0.35±.01; Mw:0.06±.00; Ms:0.40±.00; Mb:0.07±.01; M0:1.00500×10¹⁸ N1:2.309,182.00000°,δ:79.00000°,λ:104.00000°. N2:2.309,309.00000°,δ:18.00000°,λ:38.00000°. Principal axes: T 0.9810, Plg54.0000°; Azm110.0000°; N 0.0470, Plg14.0000°; Azm353.0000°; P -1.0290, Plg32.0000°; Azm260.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

ISCJB 26 02:35:00.7-0.1, 2.2°66N, 120°09E, 120°81E, 0.01, h40km, mb5.7/383, MS5.6/247 Error ellipse: s-maj=1.7km s-min=1.5km az=19.4
 IDC 26 02:35:01.9-0.9, 2.2°69N, 120°98E, h37km, mb5.2/53, mb1.5/3/56, mb1mx5.2/63, mbtmp5.4/56, ML4.3/2, MS5.4/60, MS1.5/4/60, ms1mx5.4/65, Error ellipse: s-maj=1.7km s-min=5.7km az=57.0
 ISC 26 02:35:00.8-0.3, 2.2°72N, 120°82E, 0.02, h30km, mb5.7/263, 114C-111D, Taiwan

Code	Station Name	Δ°	AZ°	Phase	ID	ISC	Time	Res
							h m s	ISC
ECL	Taimali	0.18	135	Op	ISC		02 35 06.5	-0.4
ECL	Tawu			S	Pb		02 35 12.0	+1.1
TWG	Pinlang	0.25	67	Op	Pb		02 35 07.9	+0.2
TWG	Taitung	0.30	84	Op	Pn		02 35 09.6	+0.4
TTN	Taitung			S	Sn		02 35 17.4	+2.8
SLGT	Liugui	0.31	329	eP	Pb		02 35 07.4	-1.2
SLGT	Xinbi	0.33	224	eP	Pb		02 35 07.7	-1.1
SSPT	Anshuo	0.34	176	eP	Pb		02 35 08.3	-0.6
EAST	Tawu	0.37	169	eP	Pb		02 35 08.9	-0.4
TAW	Tawu			S	Sn		02 35 16.3	0.0
TWM1	Shoushan	0.38	285	Op	Pb		02 35 09.4	-0.1
TWM1	Fangliang	0.40	208	Op	Pb		02 35 08.5	-1.2
SCZT	Liugui	0.40	208	Op	Pb		02 35 14.7	-0.9
SGST	Jiashian	0.42	329	Op	Pb		02 35 09.5	-0.6
SGST	Tauyuan	0.44	352	Op	Pb		02 35 09.8	-0.7
STYT	Lidau	0.50	21	Op	Pb		02 35 11.4	0.0
ELDTW	Lidau			S	Sn		02 35 19.1	-0.6
WSSB	Gushan	0.52	261	Op	Pb		02 35 11.7	0.0
CHN1	Nanshi	0.53	330	Op	Pb		02 35 11.3	-0.6
CHN1	Shinhua	0.55	310	Op	Pn		02 35 12.4	-0.2
CHN3	Liugui	0.55	228	Op	Pn		02 35 13.3	+0.7
WLCH	Ta-pu	0.56	340	Op	Pb		02 35 11.6	-0.6
WTP	Hsiaoliuchiu	0.56	229	Op	Pn		02 35 13.4	+0.5
TPUB	Ta-pu	0.60	343	eP	Pb		02 35 12.6	-0.4
TPUB	Chengkung	0.63	53	Op	Pb		02 35 14.1	+0.4
CHKT	Yung-k'ang	0.63	300	Op	Pb		02 35 13.4	0.0
TAI1	Fuli	0.64	43	Op	Pn		02 35 14.6	+0.6
FULB	Tsaushan	0.66	342	Op	Pb		02 35 24.3	+1.1
CHN4	Hengchun	0.72	186	eP	Pn		02 35 15.5	+0.6
HEN	Yuli	0.77	35	Op	Pb		02 35 15.8	+0.1
TWF1	Yuli			S	Sn		02 35 27.0	+0.9
YUS	Yu-Shan	0.77	9	eP	Pb		02 35 15.8	-0.3
YUS	Hengchun	0.78	181	Op	Pb		02 35 27.2	+0.2
TWK1	Yuli	0.80	33	Op	Pb		02 35 27.3	+0.3
YULB	Yuli	0.80	33	Op	Pb		02 35 16.1	0.0
YULB	Hengchun, Pin	0.82	175	Op	Pb		02 35 27.3	+0.3
TSEB	Yuli	0.84	318	Op	Pn		02 35 30.2	+2.7
CHN8	Yiju			S	Sn		02 35 16.1	-0.5

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Code	Station Name	Δ°	AZ°	Phase	ID	ISC	Time	Res
CHN8	Chiayi	0.85	335	Op	Sn		02 35 28.2	+0.4
CHY	Chiayi			S	Pn		02 35 16.5	-0.3
CHY	Minshiang	0.87	339	Op	Pn		02 35 29.0	+0.7
CHN2	Minshiang			S	Sn		02 35 17.1	+0.1
CHN2	Puzi	0.89	328	Op	Sn		02 35 29.6	+1.0
WLGB	Puzi			S	Pn		02 35 17.0	-0.3
WLGB	Hungye	0.91	31	Op	Pb		02 35 29.5	+0.2
EHY	Hungye			S	Pb		02 35 18.0	-0.1
EHY	Ruisui	0.95	36	Op	Sb		02 35 30.5	+0.7
HGSD	Ruisui			S	Pb		02 35 19.3	+0.6
HGSD	Lan-yu	0.96	135	Op	Pn		02 35 33.7	+2.7
LAY	Lan-yu			S	Pn		02 35 18.0	-0.3
WKG	Gukeng	0.99	346	Op	Pn		02 35 18.8	+0.1
WKG	Douliu	1.00	345	Op	Sb		02 35 32.6	+0.4
WDLH	Douliu			S	Pn		02 35 18.8	0.0
WDLH	Szhu	1.06	329	Op	Pn		02 35 33.3	+0.9
WSF	Szhu			S	Sn		02 35 19.1	-0.6
WSF	Guanggu	1.09	31	Op	Pb		02 35 33.0	-0.5
EGFH	Guanggu			S	Pb		02 35 20.8	-0.5
WJS	Zhushan	1.10	356	Op	Pb		02 35 20.7	-0.6
WJS	Mingjian	1.16	354	Op	Pn		02 35 36.0	+0.7
WNT	Mingjian			S	Pn		02 35 21.3	+0.3
WNT	Sun Moon Lake	1.16	4	Op	Pb		02 35 36.7	-0.2
SMLT	Sun Moon Lake			S	Pb		02 35 22.1	-0.3
SMLT	Yuchr	1.18	2	Op	Pb		02 35 38.6	+1.5
TYC	Yuchr			S	Pb		02 35 22.1	-0.5
TYC	Dungji	1.20	297	Op	Pn		02 35 38.3	+0.8
WDGT	Dungji			S	Pn		02 35 20.1	-1.4
WDGT	Shilin	1.22	27	Op	eP		02 35 34.0	-2.7
ESL	Shilin			S	Sn		02 35 22.4	+0.5
ESL	Ta-ch'eng	1.24	337	Op	Pn		02 35 40.0	+1.2
WTCT	Ta-ch'eng			S	Pn		02 35 21.8	-0.4
WTCT	Renai	1.27	15	Op	Pb		02 35 38.4	+0.6
OWD	Renai			S	Pb		02 35 24.2	-0.1
OWD	Guanggu	1.31	4	Op	Pn		02 35 42.4	+2.1
DPDB	Guanggu			S	Pn		02 35 23.9	+0.7
WCHH	Zhanghua	1.37	350	Op	Pn		02 35 24.2	+0.3
WCHH	Shoufeng	1.38	31	Op	Pb		02 35 42.1	-1.0
ENLB	Shoufeng			S	Sb		02 35 25.5	-0.5
ENLB	Taichung	1.43	355	Op	Pn		02 35 44.1	+0.9
TCU	Taichung			S	Pn		02 35 25.1	+0.5
PNG	Penghu	1.44	306	Op	Pn		02 35 23.4	-1.4
PNG	Hwallien	1.44	30	Op	Pb		02 35 40.0	-2.7
HWA	Hwallien			S	Pb		02 35 26.3	-0.8
WHF	Hsiuan Shan	1.47	16	Op	Pb		02 35 27.5	-0.4
WHF	Chiawan	1.53	28	Op	Pn		02 35 47.5	+1.1
TWD	Chiawan			S	Pb		02 35 27.2	+1.1
TWD	Techi	1.56	11	Op	Pb		02 35 47.9	+0.3
TDCB	Techi			S	Pb		02 35 27.9	-1.2
TWT	Tachien	1.56	12	Op	Pb		02 35 28.1	-1.1
NACB	Ninganchiao	1.61	26	Op	Pn		02 35 28.1	-1.1
NACB	Ninganchiao	1.61	26	Op	Pn		02 35 49.8	-0.2
NACB	Ninganchiao	1.61	26	Op	Pn		02 35 28.3	+1.1
TWQ1	Liyutan	1.62	358	Op	Pn		02 35 28.5	+1.1
TWQ1	Datong	1.77	17	Op	Sb		02 35 50.0	-0.2
NNSH	Datong			S	Pn		02 35 51.9	-1.0
NNSH	Nan Shan	1.78	16	Op	Pb		02 35 34.5	-0.3
NNS	Nan Shan			S	Pb		02 35 32.0	-1.0
NNS	Miaoili	1.81	359	Op	Sb		02 35 55.1	+0.1
NMLH	Miaoili			S	Pn		02 35 31.1	+1.1
ENA	Nanau	1.90	26	Op	Pn		02 35 32.8	+1.6
NANB	Nanau	1.90	26	Op	Pn		02 35 32.4	+1.2
NSTT	Nanau	1.91	5	Op	Pn		02 35 32.2	+0.9
LIQB	Emei	1.92	5	Op	Pn		02 35 32.5	+0.9
ENAH	Nanau	1.94	28	Op	Pn		02 35 33.5	+1.7
NSK	Sanguang	2.01	14	Op	Pn		02 35 34.6	+1.9
NSK	Nioudou	2.03	20	Op	Pb		02 36 00.3	-1.0
ENTT	Nioudou			S	Pb		02 35 35.5	-1.6
ENTT	Hsinchu	2.08	4	Op	Pn		02 36 01.5	-0.4
HSN	Hsinchu			S	Pn		02 35 34.9	+1.3
HSN	Suao	2.10	26	Op	Pn		02 36 01.4	-1.9
TWC	Suao			S	Pn		02 35 36.0	+2.0
TWE	Neicheng	2.14	21	Op	Pb		02 35 36.7	-2.2
TWE	Wulai	2.14	17	Op	Sb		02 35 36.7	-2.2
NWLW	Wulai			S	Pn		02 36 03.5	-1.4
SLBB	Yuanshan	2.16	20	Op	Pb		02 35 33.8	-2.2
SLBB	Daxi	2.16	10	Op	Pn		02 35 37.5	+1.3
WLTB	Daxi			S	Pn		02 35 37.5	+1.3
ILA	Ilan	2.26	8	Op	Pn		02 35 36.4	+1.7
NCUH	Zhongli	2.26	8	Op	Pn		02 35 37.7	-2.3
NTC	Toucheng	2.31	23	Op	Pn		02 35 35.0	-0.2
TATO	Taipei	2.33	15	Op	Pn		02 35 39.9	-2.0
TATO	Taipei	2.33	15	Op	Pn		02 35 38.6	+1.6
TATO	Taipei	2.33	15	Op	Pn		02 35 38.9	+1.9
TATO	Taipei	2.33	15	Op	Pn		02 35 39.5	+2.3

1372

Code	Station Name	Δ°	AZ°	Phase	ID	ISC	Time	Res
EGS	Shuangxi	2.35	26	eP	Pn		02 35 39.7	+2.3
TIPB	Shuangxi	2.42	22	eP	Pn		02 35 40.0	+1.6
TIPB	Kuangyinshan	2.43	13	eP	Sb		02 36 10.7	-2.5
TWS1	Kuangyinshan			S	Pn		02 35 39.9	+1.4
NTST	Danshui	2.50	13	eP	Pn		02 35 41.1	+1.7
NWF	Wu-fen Shan	2.50	20	eP	Pn		02 35 41.8	+2.3

1373

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NUJ, JNU, TIA, TAT, BATP, etc.

2012 FEB

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HHC, HHJ, HJH, PHRA, SRAK, etc.

26d 2h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LUWI, LBMI, BKB, MTKI, SARL, etc.

1375

Table with columns for call sign, name, frequency, mode, and coordinates. Includes stations like HYB Hyderabad, SRML Srisaillam, UZB Uzynbulak, etc.

2012 FEB

Table with columns for call sign, name, frequency, mode, and coordinates. Includes stations like SEM Semipalatinsk, KUU Kurty, BMNS Besmoyrak, etc.

26d 2h

Table with columns for call sign, name, frequency, mode, and coordinates. Includes stations like KKAR Berezniaki, BRZS IUG, CHM Chiment, etc.

26d 2h

Table with columns: AKTO, Aktubinsk, 55.59 316, P, P, 02 44 34.6 +1.1, comp=Z,31nm,1.0s,baz=92,slow=7.4,SNR=51

2012 FEB

Table with columns: KIV, Kislovodsk, 66.25 309, eP, P, 02 45 47.9 +1.6, comp=Z,2um,14.9s

1376

Table with columns: KELT, Kelkit, 69.48 306, iP, P, 02 46 07.8 +0.9, comp=Z,339nm,0.9s

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries like MMAI Mount Meron Ar, BRTR Keskin Array B, etc.

TAP 26:02:43:40.6, 22:73N, 120:78E, h25km, ML3.7, 10C-3D, B,

Main table listing station data for Taiwan. Columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries like ECL Taimali, SLGT Luqiu, TWG Pinlang, etc.

Table listing station data for various locations. Columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries like WSF baz=332, WJFS Zhushan, EGH Guangfu, etc.

Vertical text block containing technical details and coordinates. Includes text like 'IDC 26:02:46:16.6i,0.5,24.74Sx176.96W,h0km,mb4.5/16, mb1.4/719,mb1mx4.5/48,mbmp4.5/19,ML3.8/3,MS5.1/11, Ms1.5/111,ms1mx4.8/34, Error ellipse: s-maj=19.1km s-min=15.3km az=163.0'.

Table listing station data for Fiji Islands. Columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries like RAO Raoul Island, RAO Raoul Island, RAO Raoul Island, etc.

Table listing station data for various locations. Columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries like RKT comp=Z,354nm,33.5s, RKT comp=Z,1um,24.8s, RKT comp=Z,5um,28.0s, etc.

26d 4h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like Heimansgroeve, Heimgangrove, Visu, etc.

ISCJB 26 03:54:30.7±0.3, 13.70N±0.04; 120°88E±0.05, h117km, mb4, 3/45, Error ellipse: s-maj=9.3km, s-min=6.5km az=150.4

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like Lubang, Tagaytay City, Lukban, etc.

2012 FEB

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like JAGI, BATH, Baumata, etc.

ISC 26 03:58:57.9±13.0, 24.64S; 178°10W, h286km±120km, mb3.5, mb1 3.7/5, mb1mx3.4/37, mbtmp4.2/5, Error ellipse: s-maj=89.1km s-min=49.6km az=161.0, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like CTA, Charters Tower, PMG, etc.

1386

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like RAO, URZ, DZM, etc.

NEIC 26 04:02:36.2±2.1, 25°58'S±176°57'W, h10km, mb4.1/1, Error ellipse: s-maj=116.0km s-min=17.8km az=160.0

ISC 26 04:02:37.1±3.0, 25°51'±177°00'W, h10km, mb4.0/6, Error ellipse: s-maj=160.8km s-min=20.7km az=158.2

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like CTA, Charters Tower, ASAR, etc.

MDD 26 04:13:52.0±1.6, 34°46'N±3°82'W, h0km, mb3.4/7, Error ellipse: s-maj=15.2km s-min=6.2km az=168.0, PRXIMO SFS 26 04:13:52.0±1.6, 34°49'N±3°81'W, h0km, ML3.3, INMG 26 04:13:52.4±1.4, 34°46'N±3°72'W, h0km, ML3.3, Error ellipse: s-maj=10.4km s-min=5.6km az=178.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PVLZ Pean de Melilla, EMEL Melilla, EMLI Melilla, MELI Melilla, EMIJ Mijas, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PFVI Vila Bisbo, PFVI Vila Bisbo, EBAD Badajoz, EBAD Badajoz, PTEO Sao Teotonio, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FOCM Fo'sa, FOCM Fo'sa, AKHS Akhisar, AKHS Akhisar, BALIKESIR Sava, etc.

26d 5h

2012 FEB

1390

Table with columns: TGY, Tagaytay City, 71.55 296, LR, LR, 06 00 22.6, etc. Lists various locations and their associated data points.

Table with columns: SYO, Syowa Base, 82.88 193, JX, P, 05 33 44.8 -3.4, etc. Lists various locations and their associated data points.

Table with columns: NLWA, Waputi, 86.32 48, P, P, 05 34 07.1 +0.8, etc. Lists various locations and their associated data points.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KTH, TRF, UTHA, AHID, SEY, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ISCO, HHC, HHC, HHC, HHC, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GTA, EROS Data Cent, BCP, etc.

26d 5h

Table with columns for country/region, name, time, and various codes (e.g., PFAKE, LR, PKP). Includes entries like ANWB Willy Bob, BBGH Gun Hill, Sutherland, BB Station, Karatay Array, Borovoye, etc.

2012 FEB

Table with columns for country/region, name, time, and various codes (e.g., OSL, IZAR, IDID, ODD1, ISAL, KONO, IGIN, MINSK, etc.). Includes entries like Oslo, Zarasai, Didziasalis, Odda, Salakas, Kongsberg, Igalina, Minsk, etc.

1392

Table with columns for country/region, name, time, and various codes (e.g., CLL, CLL, CLL, CLL, CLL, etc.). Includes entries like comp-Z.28nm,0.8s, comp-Z.43nm,1.0s, comp-Z.28nm,0.8s, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like SANT, KRUS, PDG, etc.

Technical notes and coordinates for stations, including: IDC 26 05:24:53.2, 0.3, 32.465x177.64W, h0km, mb5.6/29, mb1 5.6/32, mb1mx5.5/42, mb1mp5.5/32, ML5.4/3, Error ellipse: s-maj=13.9km s-min=11.9km az=22.0

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like GLKZ, RAO, etc.

Main table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like URU, RIGZ, DRZ, etc.

Main table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like PMG, Port Moresby, etc.

26d 5h

Table with columns for station name, frequency, power, and other technical details. Includes stations like SNA, VNA3, NVL, VNA1, etc.

2012 FEB

Table with columns for station name, frequency, power, and other technical details. Includes stations like MONP2, IKP, SKLT, ARVC, etc.

1394

Table with columns for station name, frequency, power, and other technical details. Includes stations like PNTR, PDMCI, NEE2, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like CN2, SZCU, SRDT, X18A, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like P17A, PV05, HVU, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like BOZ, LWKY, TRF, etc.

26d 5h

Table with columns: Name, SNR, Frequency, Bandwidth, Modulation, and Signal Quality. Includes entries like KUUR Kurty, KUUR Kurchatov, KURK Kurchatov, etc.

2012 FEB

Table with columns: Name, SNR, Frequency, Bandwidth, Modulation, and Signal Quality. Includes entries like KLMM Klimovskoe, KLMM Klimovskoe, KLMM Klimovskoe, etc.

1396

Table with columns: Name, SNR, Frequency, Bandwidth, Modulation, and Signal Quality. Includes entries like SVSK Karacayir, HFS HFS, HFS HFS, etc.

Table with columns: Code, Station Name, Az, AzP, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TUTA, AGRB Hanur-Agry, etc.

ISCJB 26 05:57:28.0.0.7, 24.10S:0.04:66.95W:0.06, h178km, mb3.7/3, Error ellipse: s-maj=7.5km s-min=6.0km az=156.6

IDC 26 05:57:29.7.2.5, 23.97S:67.07W, h197km, mb3.5/3, mb1.3/6, mb1mx3.3/39, mbtmp4.0/6, Error ellipse: s-maj=37.1km s-min=19.6km az=91.0

GUC 26 05:57:22.0.0.7, 23.96S:67.56W, h233km, 17km, ML4.6

ISC 26 05:57:28.1.0.9, 24.08S:0.06:66.95W:0.08, h178km, n19, c162/30, mb3.8/3, 9C-2D, Salta Province

Main station list table with columns: Code, Station Name, Az, AzP, Phase ID, Time, Res, h, m, s, ISC. Includes stations like IPOC Station P, IPOC Station P, etc.

IDC 26 05:59:15.0.0.7, 24.70S:177.21W, h0km, mb4.3/11, mb1.4/13, mb1mx4.3/44, mbtmp4.4/13, ML4.4/2, MS4.7/6, MS1.4/7, mb1mx4.4/47, Error ellipse: s-maj=25.1km s-min=18.9km az=150.0

ISCJB 26 05:59:17.0.0.4, 24.79S:0.05:177.49W:0.07, h10km, mb4.9/36, MS4.5/4, Error ellipse: s-maj=9.8km s-min=6.5km az=16.1

NEIC 26 05:59:18.6.0.4, 24.76S:177.40W, h10km, mb4.8/11, Error ellipse: s-maj=13.4km s-min=8.9km az=130.0

BUI 26 05:59:19.8.24:18S:177.14W, h15km, mb5.1/8, MS4.8/1, MS7.4.5/1

ISC 26 05:59:19.5.0.4, 24.83S:0.06:177.44W:0.08, h10km, n109, c198S/107, mb5.1/36, MS4.6/4, 6C-1D, South of Fiji Islands

Main station list table with columns: Code, Station Name, Az, AzP, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAO, RAO, RAO, etc.

Main station list table with columns: Code, Station Name, Az, AzP, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMG, RKT, ASO1, AS31, ASAR, etc.

ISCJB 26 06:08:22.5.0.5, 29.43N:0.03:64.49E:0.02, h86km, 5km, mb4.5/96, Error ellipse: s-maj=4.5km s-min=3.2km az=177.4

MOS 26 06:08:22.1.0.9, 29.43N:64.38E, h79km, mb4.8/37, Error ellipse: s-maj=7.1km s-min=4.3km az=119.6

OMAN 26 06:08:24.0.8, 29.40N:64.71E, h66km, 22km, Error ellipse: s-maj=20.0km s-min=6.5km az=140.0

NEIC 26 06:08:25.0.0.3, 29.43N:64.42E, mb4.7/37, Error ellipse:

s-maj=7.1km s-min=4.5km az=154.0
IDC 26 06:08:24.8.0.6, 29.40N:64.36E, h91km, 3km, mb4.0/32, mb1.4/2.36, mb1mx4.0/76, mbtmp4.4/36, Error ellipse: s-maj=13.0km s-min=9.3km az=169.0
CSEM 26 06:08:25.3.0.2, 29.49N:64.46E, h69km, mb4.6/46, Error ellipse: s-maj=6.4km s-min=4.1km az=140.0
BUI 26 06:08:26.5.29:47N:65:06E, h84km, mb4.7/25, mb5.0/10, MS4.3/6, MS7.4.1/6

ISC 26 06:08:24.3.0.3, 29.29N:0.05:64.46E:0.04, h91km, 3km, n922mm:PP-P, n389, c1963/407, mb4.5/101, 30C-15D, Southwestern Pakistan

Main station list table with columns: Code, Station Name, Az, AzP, Phase ID, Time, Res, h, m, s, ISC. Includes stations like THW, SARP, BHJ, etc.

AAK Ala-Archa 15.58 29 P Pn 06 11 57.6 -1.3
AAK Ala-Archa 15.58 29 P Pn 06 11 57.1 -1.8
AAK Ala-Archa 15.58 29 P Pn 06 11 57.5 -1.3
AAK Ala-Archa 15.58 29 P Pn 06 11 57.1 -1.8
AAK Ala-Archa 15.58 29 P Pn 06 11 57.1 -1.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like NORARS Array S, Spitsbergen Ar, ESKADALEMUR Ar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like ROTONDA (PZ), San Lorenzo Be, MORMANO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Talya, ZAK ZAK, TASR, etc.

26d 6h

Table with columns for station name, frequency, power, and signal strength. Includes stations like WSAR, AKASG, KIS, and many others.

2012 FEB

Table with columns for station name, frequency, power, and signal strength. Includes stations like KIS, KAST, KIS, and many others.

1404

Table with columns for station name, frequency, power, and signal strength. Includes stations like KWP, SKLT, NC204, and many others.

NIE	Niedzica	46.06 299f	eP	P	06 25 44.4 +1.2
NIE		46.14 285	e	S	06 27 28.2
NIE		46.15 201	eS	MLR	06 32 31.0 +3.0
BOLV	Bolvadin	46.10 280	iP	P	06 25 42.8 -1.0
BOLV	Bolvadin	46.10 280	eP	P	06 25 44.2 +0.5
GULN	MERSIN_Gulnar	46.12 286	iP	P	06 25 42.9 -0.7
ELBA	Catalca	46.14 275	iP	P	06 25 41.7 -2.1
PALK	Pallekele	46.15 201	eP	P	06 25 43.3 -0.8
PALK	Pallekele	46.15 201	eP	P	06 27 31.9 -0.5
PALK	Pallekele	46.15 201	eP	P	06 27 31.9
PALK	Pallekele	46.15 201	eP	P	06 25 44.7 +0.6
PALK	Pallekele	46.15 201	eP	P	06 27 31.9
PALK	Pallekele	46.15 201	eP	P	06 25 44.7 +0.6
PALK	Pallekele	46.15 201	eP	P	06 27 31.9 -0.5
PALK	Pallekele	46.15 201	eP	P	06 25 45.9 +1.8
PALK	Pallekele	46.15 201	eP	P	06 25 45.9 +1.8
PALK	Pallekele	46.15 201	eP	P	06 25 44.3 +0.2
HUMR	Humele	46.18 290	iP	P	06 25 45.3 +1.2
DRGR	DRGR	46.18 294	iP	P	06 25 45.2 +1.0
DRGR	DRGR	46.18 294	iP	P	06 25 45.2 +1.0
IGD	Bursa	46.21 283	iP	P	06 25 44.1 -0.3
SHAO	Shalim	46.27 239	eP	P	06 25 46.7 +1.7
SHAO	Shalim	46.27 239	eP	P	06 25 46.7 +1.7
SHAO	Shalim	46.27 239	eP	P	06 25 45.5 +0.5
GAMB	Gambell	46.28 38	eP	P	06 25 45.5 +0.9
BHL	Bhannes	46.30 272	eP	P	06 25 45.7 +0.4
LOT	Lotru	46.35 292	iP	P	06 25 47.0 +1.5
SZH	Szaznica	46.38 298	eP	P	06 25 45.9 +0.4
BEHL	Beirut	46.42 272	eP	P	06 25 46.3 +0.2
LYMI	Lok Sumawe	46.43 179	eP	P	06 25 46.9 +0.7
LHMI	Lok Sumawe	46.43 179	eP	P	06 25 46.8 +0.5
JMB	Yambol	46.45 287	eP	P	06 25 46.7 +0.5
RCY	Rachaya	46.46 271	eP	P	06 25 47.4 +0.8
ZIMR	ZIMR	46.47 289	iP	P	06 25 48.0 +1.7
ZIMR	ZIMR	46.47 289	iP	P	06 25 48.0 +1.7
KECS	Kecovo	46.48 297	eP	P	06 25 47.6 +1.2
KECS	Kecovo	46.48 297	eP	P	06 25 47.6 +1.2
KULM	Kulim	46.52 194	eP	P	06 25 46.5 -0.5
KULM	Kulim	46.52 194	eP	P	06 25 46.5 -0.5
PHNC	Paralimni	46.58 274	eP	P	06 25 47.9 +0.6
DEV	Deva	46.59 293	iP	P	06 25 49.0 +1.7
IBV	Deva	46.59 293	iP	P	06 25 49.0 +1.7
SHBL	Chebaz	46.62 271	eP	P	06 25 48.6 +0.8
HYA	Hyogang	46.63 318	eP	P	06 25 47.5 +0.1
HYA	Hyogang	46.63 318	eP	P	06 25 52.5
BAGO	Egridir - ISPA	46.66 280	iP	P	06 25 48.2 +0.2
LANS	Liptovska Anna	46.66 299	eP	P	06 25 51.0 +3.1
LANS	Liptovska Anna	46.66 299	eP	P	06 27 37.9
LANS	Liptovska Anna	46.66 299	eP	P	06 25 51.0 +3.1
LANS	Liptovska Anna	46.66 299	eP	P	06 27 37.9 +0.6
ASF	Jabal al Asfar	46.69 269	eP	P	06 25 49.2 +0.8
ASF	Jabal al Asfar	46.69 269	eP	P	06 25 49.2 +0.8
ASF	Jabal al Asfar	46.69 269	eP	P	06 27 36.2 -1.8
ASF	Jabal al Asfar	46.69 269	eP	P	06 32 36.8 -0.7
ASF	Jabal al Asfar	46.69 269	eP	P	06 46 05.3
COP	Copenhagen	46.72 309	iP	P	06 25 47.9 -0.2
COP	Copenhagen	46.72 309	iP	P	06 25 47.9 -0.2
COP	Copenhagen	46.72 309	iP	P	06 25 47.9 -0.2
PVL	Pavilkeni	46.74 289	eP	P	06 25 50.5 +2.0
GDZ	Gediz	46.77 282	iP	P	06 25 47.0 -1.9
RAC	Raciborz	46.83 300	eP	P	06 25 50.1 +1.0
RAC	Raciborz	46.83 300	eP	P	06 32 42.5 +3.6
RAC	Raciborz	46.83 300	eP	P	06 25 47.5 -1.9
RAC	Raciborz	46.83 300	eP	P	06 25 48.0 +1.3
RAC	Raciborz	46.83 300	eP	P	06 25 48.0 +1.3
GAZI	Gazipasa	46.84 277	iP	P	06 25 47.5 -1.9
KEZF	Antalya-Kepez	46.85 181	eP	P	06 25 48.0 +1.3
PLF	Falo	46.86 139f	eP	P	06 25 49.8 +0.5
FOO	Floro	46.88 319	eP	P	06 25 53.6
FOO	Floro	46.88 319	eP	P	06 25 53.6
RGN	Rugger	46.90 308	eP	P	06 25 51.6 +2.1
ISP	Isparta	46.93 280	eP	P	06 26 00.0 +1.0
ISP	Isparta	46.93 280	eP	P	06 25 50.6 +0.2
MAMC	Mammar	46.98 275	eP	P	06 25 50.6 +0.2
OKC	Ostrava-Krasne	46.99 300	eP	P	06 25 50.8 +0.4
OKC	Ostrava-Krasne	46.99 300	eP	P	06 27 39.6
OKC	Ostrava-Krasne	46.99 300	eP	P	06 32 46.5 +5.3
OKC	Ostrava-Krasne	46.99 300	eP	P	06 27 39.6
OKC	Ostrava-Krasne	46.99 300	eP	P	06 25 50.8 +0.4
OKC	Ostrava-Krasne	46.99 300	eP	P	06 27 39.6
OKC	Ostrava-Krasne	46.99 300	eP	P	06 32 46.5 +5.3
OKC	Ostrava-Krasne	46.99 300	eP	P	06 27 39.6
LLD	Lille Linde	47.01 309	iP	P	06 25 51.4 +1.0
LLD	Lille Linde	47.01 309	iP	P	06 25 51.4 +1.0
CSS	Mathiatis	47.04 275	eP	P	06 25 50.4 -0.5
CSS	Mathiatis	47.04 275	eP	P	06 25 52.4 +1.4
CSS	Mathiatis	47.04 275	eP	P	06 25 50.7 -0.3
MMAI	Mount Meron Ar	47.05 271	eP	P	06 25 51.7 +0.6
MMAI	Mount Meron Ar	47.05 271	eP	P	06 27 23.5 +0.5
MMAI	Mount Meron Ar	47.05 271	eP	P	06 27 23.5 +0.5
MMAI	Mount Meron Ar	47.05 271	eP	P	06 27 42.2 +0.6
MMAI	Mount Meron Ar	47.05 271	eP	P	06 47 20.4
SIRR	Siria	47.08 294	iP	P	06 25 52.3 +1.2
ODDI	Odda	47.11 317	eP	P	06 25 52.1 +0.9
ODDI	Odda	47.11 317	eP	P	06 25 56.0
PSZ	Piszkesteto	47.12 297	eP	P	06 25 52.3 +0.8
PSZ	Piszkesteto	47.12 297	eP	P	06 25 52.3 +0.8
PSZ	Piszkesteto	47.12 297	eP	P	06 25 52.3 +0.8
PSZ	Piszkesteto	47.12 297	eP	P	06 25 53.4 +1.9
PSZ	Piszkesteto	47.12 297	eP	P	06 25 52.3 +0.8
SRE	Strehaia	47.13 292	iP	P	06 25 52.3 +0.8
SRE	Strehaia	47.13 292	iP	P	06 25 53.1 +0.8
HOMB	Homborsund	47.16 314	eP	P	06 25 51.1 -0.4
HOMB	Homborsund	47.16 314	eP	P	06 25 55.8
KHAL	Karahalli	47.21 281	eP	P	06 25 48.9 -3.5
SUE	Sulen	47.28 319	iP	P	06 25 53.1 +0.7
SUE	Sulen	47.28 319	iP	P	06 25 56.7
BRDR	BURDUR-Merkez	47.29 280	iP	P	06 25 51.7 -1.3
DIFM	Dimitrovgrad	47.33 287	eP	P	06 25 53.7 +0.6
WHFO	Wadi Hawf	47.34 240	eP	P	06 25 57.0 -0.6
WHFO	Wadi Hawf	47.34 240	eP	P	06 25 57.0 -0.6
IPM	Iphoh	47.35 173	iP	P	06 25 52.9 -0.6
IPM	Iphoh	47.35 173	iP	P	06 25 52.9 -0.6
IPM	Iphoh	47.35 173	iP	P	06 25 52.9 -0.6

MORC	Moravsky Berou	47.35 300	eP	P	06 25 53.1 -0.1
MORC	Moravsky Berou	47.35 300	eP	P	06 25 53.1 -0.1
MORC	Moravsky Berou	47.35 300	eP	P	06 25 54.1 +0.8
MORC	Moravsky Berou	47.35 300	eP	P	06 25 53.1 -0.1
ALFC	Alefka	47.37 275	eP	P	06 25 53.4 -0.1
MLSI	Meulaboh, Aceh	47.38 179	eP	P	06 25 50.3 -3.4
VYHS	Vyhne	47.38 298	eP	P	06 25 54.2 +0.8
VYHS	Vyhne	47.38 298	eP	P	06 25 54.2 +0.8
VYHS	Vyhne	47.38 298	eP	P	06 27 42.3 -2.0
VYHS	Vyhne	47.38 298	eP	P	06 32 33.3 -1.3
VYHS	Vyhne	47.38 298	eP	P	06 47 04.9
KESN	Edirne-Kesan	47.39 285	eP	P	06 25 52.1 -1.9
BER	Bergen	47.40 318	eP	P	06 25 53.8 +0.4
BER	Bergen	47.40 318	eP	P	06 25 57.5
KSP	Ksiaz	47.42 302	eP	P	06 25 54.4 +0.7
KSP	Ksiaz	47.42 302	eP	P	06 27 43.4 -1.2
KSP	Ksiaz	47.42 302	eP	P	06 32 52.2 +4.9
KSP	Ksiaz	47.42 302	eP	P	06 36 15.6 +1.2
KSP	Ksiaz	47.42 302	eP	P	06 47 13.7
KSP	Ksiaz	47.42 302	eP	P	06 25 54.4 +0.7
KSP	Ksiaz	47.42 302	eP	P	06 27 43.4
KSP	Ksiaz	47.42 302	eP	P	06 32 52.2 +4.9
KSP	Ksiaz	47.42 302	eP	P	06 36 15.6 +1.2
BLSS	Blasjo	47.45 316	eP	P	06 25 54.5 +0.7
BLSS	Blasjo	47.45 316	eP	P	06 25 58.8
RBK	Rabkut	47.45 240	eP	P	06 25 55.2 +0.8
RBK	Rabkut	47.45 240	eP	P	06 25 55.2 +0.8
SZAC	Souni	47.46 275	eP	P	06 25 54.9 +0.7
HERR	Herculane	47.46 292	iP	P	06 25 55.9 +1.8
BZAS	Buzias	47.48 294	iP	P	06 25 50.7 +0.7
BZAS	Buzias	47.48 294	iP	P	06 25 50.7 +0.7
BZAS	Buzias	47.48 294	iP	P	06 25 53.8 -0.6
KORT	Korkuelli	47.56 279	eP	P	06 25 53.0 -2.1
MPPE	Malo Peshtene	47.59 290	eP	P	06 25 55.6 +0.4
KDZ	Kurdzhali	47.64 287	eP	P	06 25 56.3 +1.0
RAYN	Ar Rayn	47.64 253	eP	P	06 25 47.7
RAYN	Ar Rayn	47.64 253	eP	P	06 25 55.6 -0.2
RAYN	Ar Rayn	47.64 253	eP	P	06 25 55.6 -0.2
RAYN	Ar Rayn	47.64 253	eP	P	06 25 55.6 -0.2
RAYN	Ar Rayn	47.64 253	eP	P	06 25 55.6 -0.2
DPC	Dobruska-Polom	47.68 302	iP	P	06 25 56.7 +0.9
DPC	Dobruska-Polom	47.68 302	iP	P	06 25 58.0
DPC	Dobruska-Polom	47.68 302	iP	P	06 27 47.3
DPC	Dobruska-Polom	47.68 302	iP	P	06 32 57.1 +6.0
DPC	Dobruska-Polom	47.68 302	iP	P	06 36 17.6 -1.1
DPC	Dobruska-Polom	47.68 302	iP	P	06 25 56.7 +0.9
DPC	Dobruska-Polom	47.68 302	iP	P	06 25 58.0
DPC	Dobruska-Polom	47.68 302	iP	P	06 27 47.3
DPC	Dobruska-Polom	47.68 302	iP	P	06 32 57.1 +6.0
DPC	Dobruska-Polom	47.68 302	iP	P	06 36 17.6 -1.1
DPC	Dobruska-Polom	47.68 302	iP	P	06 25 56.7 +0.9
DPC	Dobruska-Polom	47.68 302	iP	P	06 25 58.0
DPC	Dobruska-Polom	47.68 302	iP	P	06 27 47.3
DPC	Dobruska-Polom	47.68 302	iP	P	06 32 57.1 +6.0
DPC	Dobruska-Polom	47.68 302	iP	P	06 36 17.6 -1.1
DPC	Dobruska-Polom	47.68 302	iP	P	06 25 56.7 +0.9
DPC	Dobruska-Polom	47.68 302	iP	P	06 25 58.0
DPC	Dobruska-Polom	47.68 302	iP	P	06 27 47.3
DPC	Dobruska-Polom	47.68 302	iP	P	06 32 57.1 +6.0
DPC	Dobruska-Polom	47.68 302	iP	P	06 36 17.6 -1.1
DPC	Dobruska-Polom	47.68 302	iP	P	06 25 56.7 +0.9
DPC	Dobruska-Polom	47.68 302	iP	P	06 25 58.0
DPC	Dobruska-Polom	47.68 302	iP	P	06 27 47.3
DPC	Dobruska-Polom	47.68 302	iP	P	06 32 57.1 +6.0
DPC	Dobruska-Polom	47.68 302	iP	P	06 36 17.6 -1.1
DPC	Dobruska-Polom	47.68 302	iP	P	06 25 56.7 +0.9
DPC	Dobruska-Polom	47.68 302	iP	P	06 25 58.0
DPC	Dobruska-Polom	47.68 302	iP	P	06 27 47.3
DPC	Dobruska-Polom	47.68 302	iP	P	06 32 57.1 +6.0
DPC	Dobruska-Polom	47.68 302	iP	P	06 36 17.6 -1.1
DPC	Dobruska-Polom	47.68 302	iP	P	06 25 56.7 +0.9
DPC	Dobruska-Polom	47.68 302	iP	P	06 25 58.0
DPC	Dobruska-Polom	47.68 302	iP	P	06 27 47.3
DPC	Dobruska-Polom	47.68 302	iP	P	06 32 57.1 +6.0
DPC	Dobruska-Polom	47.68 302	iP	P	06 36 17.6 -1.1
DPC	Dobruska-Polom	47.68 302	iP	P	06 25 56.7 +0.9
DPC	Dobruska-Polom	47.68 302	iP	P	06 25 58.0
DPC	Dobruska-Polom	47.68 302	iP	P	06 27 47.3
DPC	Dobruska-Polom	47.68 302	iP	P	06 32 57.1 +6.0

MASI	comp=Z,126um,15.6s	54.99 172	P	P	06 26 49.5 -1.4
FALS	comp=Z,2um,2.0s,comp=Z,28um	55.01 44	eP	P	06 26 54.4 +4.3
SPU	comp=Z,1um,1.8s	55.03 33	eP	P	06 26 51.4 +0.7
PMBI	comp=Z,2um,1.2s,comp=Z,28um,comp=Z,45um	55.03 169	P	P	06 26 52.1 +1.0
GALI1	comp=Z,120nm,1.2s	55.04 3161	eP	Iamb	06 26 50.0 0.0
GALI2				Iamb	06 26 56.3
GALI3				IAMS_20	06 52 31.5
SMKI	comp=Z,56um,18.1s	55.06 154	P	P	06 26 53.3 +2.0
BDHA	Samardja	55.09 2461	eP	P	06 26 50.8 -1.1
GMK	Al Bayda'	55.09 3171	eP	P	06 26 51.0 -0.2
MPSI	Mull of Kintyr	55.09 150	P	P	06 26 51.1 -0.5
SUA	Mapaga	55.27 32	eP	P	06 26 53.1 +0.6
DAMY	comp=Z,369nm,1.5s,comp=Z,11um	55.28 247	eP	P	06 26 53.5 +0.2
IOMK	Susitna One	55.28 32	eP	P	06 26 53.3 0.0
IOMK	comp=Z,2um,1.4s	55.38 3161	eP	IAMS_20	06 53 19.2
HMXZ	Kirk Michael	55.41 3101	eP	Iamb	06 26 52.7 -0.8
HMXN	Herstmonceux	55.41 3101	eP	Iamb	06 26 58.6
HMXN				IAMS_20	06 53 22.2
CEL	comp=Z,876nm,1.4s	55.42 290	eP	P	06 26 54.5 +0.7
CEL	comp=Z,126um,16.5s			LR	
CEL	Celeste	55.42 290	eP	LR	
CLGH	comp=Z,78um,20.0s	55.49 3171	eP	P	06 26 54.1 0.0
CLGH	Cloghs, Cushen	55.49 3171	eP	IAMS_20	06 53 33.0
WMI	comp=Z,113um,15.3s	55.51 3151	eP	P	06 26 54.2 0.0
MRSI	Isle of Man	55.51 148	P	P	06 26 54.7 -0.6
EGAK	Marisa	55.58 27	eP	P	06 26 55.3 +0.1
EGAK	comp=Z,476nm,1.5s,comp=Z,12um,comp=Z,21um	55.68 26	eP	LR	
EGAK	Eagle	55.68 26	eP	LR	
FOEL	comp=Z,40um,21.0s	55.70 3141	eP	P	06 26 54.6 -1.0
FOEL	Foel Wyifa	55.70 3141	eP	Iamb	06 27 00.1
FOEL				IAMS_20	06 53 10.9
SSW	comp=Z,78um,18.3s	55.70 3121	eP	P	06 26 55.1 -0.5
PMR	Stow on the Wo	55.70 3121	eP	P	06 26 55.3 -0.1
PMR	Palmer	55.71 32	eP	P	06 26 55.3 -0.1
PMR	comp=Z,1um,1.8s	55.71 32	eP	P	06 26 55.3 -0.1
LPG	Palmer	55.73 302	eP	P	06 26 57.0 +0.7
LPG	La Plagne	55.73 302	eP	P	06 26 57.0 +0.7
BKB	comp=Z,485nm,1.2s	55.75 154	P	P	06 26 56.7 +0.4
BKB	Balikpapan	55.75 154	P	P	06 26 56.7 +0.4
WPMI	comp=Z,954nm,1.5s,comp=Z,28um	55.80 3141	eP	P	06 26 55.7 -0.4
HLM1	Penmasah	55.80 3131	eP	Iamb	06 26 56.3 -0.1
HLM1	Long Mynd	55.80 3131	eP	Iamb	06 27 02.3
HLM1	comp=Z,290nm,1.1s			IAMS_20	06 54 21.1
SML	comp=Z,63um,13.1s	55.81 31	eP	P	06 26 56.5 +0.2
SML	Sawmill	55.81 31	eP	P	06 26 56.5 +0.2
SML	comp=Z,1um,1.1s	55.81 31	eP	P	06 26 56.5 +0.2
PAX	comp=Z,1um,1.1s	55.83 29	eP	P	06 26 55.8 -0.7
PAX	Paxson	55.83 29	eP	P	06 26 55.8 -0.7
PAX	comp=Z,687nm,0.7s	55.83 29	eP	P	06 26 55.8 -0.7
PAX	Paxson	55.83 29	eP	P	06 26 55.8 -0.7
WME	comp=Z,887nm,0.7s	55.85 3151	eP	P	06 26 56.5 -0.1
WOL	Myndd Eilian	55.85 3111	eP	Iamb	06 26 55.9 -0.8
WOL	Wolverton	55.85 3111	eP	Iamb	06 26 59.1
WOL	comp=Z,559nm,1.6s			IAMS_20	06 53 52.7
RC01	comp=Z,156um,14.5s	55.88 32	eP	P	06 26 57.2 +0.5
RC01	Rabbit Creek A	55.88 32	eP	P	06 26 57.2 +0.5
PBKI	comp=Z,545nm,1.2s	55.91 161	P	P	06 26 58.8 +1.3
PBKI	Pangkalan Bun	55.91 161	P	P	06 26 58.8 +1.3
WPS	comp=Z,2um,1.5s,comp=Z,30um	55.93 3151	eP	P	06 26 55.1 -2.0
WPS	Cemaes, Angles	55.93 3151	eP	IAMS_20	06 54 28.5
WLF1	comp=Z,102um,15.6s	55.96 3151	eP	Iamb	06 26 57.5 +0.1
WLF1	Lynfaes	55.96 3151	eP	Iamb	06 26 58.5
WLF1	comp=Z,1um,1.8s			IAMS_20	06 54 29.4
YLL	comp=Z,276um,15.6s	55.97 3141	eP	P	06 26 57.5 0.0
STRD	Llanberis	55.98 3121	eP	Iamb	06 26 57.4 -0.1
STRD	Stroud	55.98 3121	eP	Iamb	06 27 03.4
STRD	comp=Z,606nm,1.2s			IAMS_20	06 53 50.9
SWN1	comp=Z,158um,15.2s	55.98 312	eP	P	06 26 57.8 +0.2
SWN1	Swindon	55.98 312	eP	Iamb	06 27 03.5
SWN1	comp=Z,965nm,1.3s			IAMS_20	06 53 43.0
GMM	comp=Z,123um,15.6s	56.00 3161	eP	P	06 26 57.5 -0.1
BNI	Mts of Mourne	56.00 301	eP	P	06 26 58.7 +0.2
BNI	Bardonecchia	56.00 301	eP	P	06 26 58.7 +0.2
BNI	comp=Z,957nm,1.1s			MLR	
BNI	BNI	56.06 301	eP	MLR	
BNI	comp=Z,89um,20.0s	56.06 301	eP	P	06 26 58.7 +0.2
BNI	Bardonecchia	56.06 301	eP	LR	
IDGL	comp=Z,89um,20.0s	56.09 3181	eP	Iamb	06 26 58.3 +0.1
IDGL	Inch Island, C	56.09 3181	eP	Iamb	06 27 04.5
SCM	comp=Z,237nm,1.2s	56.11 31	eP	P	06 26 58.7 +0.2
SCM	Sheep Creek Mo	56.11 31	eP	P	06 26 58.7 +0.2
SCM	comp=Z,2um,1.4s	56.11 31	eP	P	06 26 58.7 +0.2
SCM	Sheep Creek Mo	56.11 31	eP	P	06 26 58.7 +0.2
MCH1	comp=Z,2um,1.4s	56.21 3131	eP	Iamb	06 26 59.3 +0.1
MCH1	Michaelchurch	56.21 3131	eP	Iamb	06 27 04.5
MCH1	comp=Z,408nm,1.3s			IAMS_20	06 54 06.7
KMSI	comp=Z,96um,15.0s	56.22 146	P	P	06 26 58.6 -1.1
MONM	Cibinong	56.23 3121	eP	P	06 26 59.1 -0.2
MONM	Monmouth	56.23 3121	eP	Iamb	06 27 04.5
MONM	comp=Z,514nm,1.2s			IAMS_20	06 54 06.8
OLDB	comp=Z,125um,14.8s	56.23 3121	eP	P	06 26 59.2 -0.1
OLDB	Oldbury-Upon-S	56.23 3121	eP	Iamb	06 27 05.1
OLDB	comp=Z,822nm,1.2s			IAMS_20	06 53 59.2
HARP	comp=Z,139um,15.9s	56.35 29	eP	P	06 27 00.9 +0.8
HARP	HAARP	56.35 29	eP	P	06 27 00.9 +0.8
HGH	comp=Z,2um,1.8s	56.37 3121	eP	P	06 27 00.0 -0.3
MENT	Gray Hill	56.38 28	eP	P	06 27 00.1 -0.2
MENT	Mentasta	56.38 28	eP	P	06 27 00.1 -0.2
SSF	comp=Z,171nm,1.1s	56.38 305	eP	P	06 27 00.6 +0.1
SSF	Saint Sauge	56.38 305	eP	P	06 27 00.6 +0.1
BRLK	comp=Z,531nm,1.3s	56.46 34	eP	P	06 27 02.0 +1.1
BRLK	Bradley Lake	56.46 34	eP	P	06 27 02.0 +1.1
MDSI	comp=Z,185nm,1.0s	56.51 170	P	P	06 26 59.1 -2.6
MDSI	Maura Dua	56.51 170	P	P	06 26 59.1 -2.6
LPW	comp=Z,31nm,1.1s,comp=Z,2um	56.62 3131	eP	P	06 27 01.9 -0.2
LPW	Lampeter	56.62 3131	eP	IAMS_20	06 54 28.5
AVF	comp=Z,77um,15.0s	56.64 305	eP	P	06 27 02.0 -0.4
AVF	Avril sur Loir	56.64 305	eP	P	06 27 02.0 -0.4
SEW	comp=Z,407nm,1.3s	56.70 33	eP	P	06 27 02.9 +0.4
SEW	Seward	56.70 33	eP	P	06 27 02.9 +0.4
DAWY	comp=Z,632nm,1.2s	56.71 26	eP	P	06 27 02.1 -0.6
DAWY	Dawson	56.71 26	eP	P	06 27 02.1 -0.6
KLU	comp=Z,245nm,1.0s	56.81 30	eP	P	06 27 03.9 +0.4
KLU	Klutina	56.81 30	eP	P	06 27 03.9 +0.4
VAE	comp=Z,480nm,1.1s	56.81 290	P	P	06 27 03.4 -0.4
VAE	Valguarnera	56.81 290	P	LR	
VAE	comp=Z,57nm,1.1s,baz=65,slo=5.9,SNR=6.6			LR	06 55 16.1

DSB	comp=Z,49um,18.3s,baz=80,slow=40	56.86 315	eP	P	06 27 04.1 +0.2
GLI	Dublin	56.86 315	eP	P	06 27 04.1 +0.2
GLI	comp=Z,214nm,1.0s			P	
ILULI	Glacier Island	56.90 341	eP	P	06 27 04.3 +0.3
ILULI	comp=Z,192nm,0.9s	56.90 341	eP	P	06 27 04.3 +0.3
ILULI	Ilulissat	56.90 347	eP	P	06 27 03.2 -0.7
ILULI	comp=Z,371nm,1.0s			P	
ILULI	Ilulissat	56.90 347	eP	P	06 27 02.3 -1.6
ILULI	Ilulissat	56.90 347	eP	P	06 27 03.2 -0.7
ILULI	comp=Z,370nm,1.0s			P	
KLO	Kotabumi	56.95 169	P	P	06 27 02.7 -2.1
LWLI	comp=Z,274nm,0.9s,comp=Z,13um	57.02 170	P	P	06 27 03.6 -1.9
SSB	comp=Z,274nm,0.9s,comp=Z,13um	57.02 170	P	P	06 27 03.6 -1.9
SSB	Saint Sauveur	57.04 303	eP	P	06 27 05.2 -0.1
SSB	comp=Z,496nm,1.6s			MLR	
SSB	Saint Sauveur	57.04 303	eP	MLR	
SSB	comp=Z,496nm,1.6s			MLR	
SSB	Saint Sauveur	57.04 303	eP	P	06 27 05.2 -0.1
SSB	comp=Z,56um,20.0s			LR	
DIV	Divide	57.13 31	eP	LR	
DIV	Divide	57.13 31	eP	LR	
FID	Port Fidalgo	57.20 31	eP	P	06 27 06.9 +0.8
FID	Port Fidalgo	57.20 31	eP	P	06 27 06.9 +0.8
TNTI	comp=Z,2um,1.7s	57.28 142	eP	P	06 27 07.5 +0.3
TNTI	Ternau	57.28 142	eP	P	06 27 07.5 +0.3
KDIAK	Kodiak Island	57.30 36	LR	LR	06 53 47.4
KDIAK	comp=Z,89um,18.8s,baz=318,slow=38	57.30 36	LR	LR	06 53 47.4
KDIAK	Kodiak Island	57.30 36	eP	P	06 27 07.2 +0.4
KDIAK	comp=Z,183nm,0.8s			P	
KDIAK	Kodiak Island	57.30 36	eP	P	06 27 07.2 +0.4
KDIAK	comp=Z,183nm,0.8s			P	
LUWI	Luwuk	57.31 148	P	P	06 27 05.5 -1.9
LUWI	comp=Z,531nm,1.5s,comp=Z,11um	57.31 148	P	P	06 27 04.3 -3.1
LUWI	Luwuk	57.31 148	P	P	06 27 04.3 -3.1
LUWI	comp=Z,1um,1.5s			eP	
LUWI	Luwuk	57.31 148	P	P	06 29 14.5 -0.3
LUWI	Luwuk	57.31 148	P	P	06 29 14.5 -0.3
CLTB	Caltabellotta	57.44 291	eP	P	06 27 07.2 -1.1
CLTB	comp=Z,193nm,1.5s			LR	
CLTB	Caltabellotta	57.44 291	eP	LR	
CLTB	comp=Z,22um,20.0s			LR	
KBKI	Kotabumi	57.52 156	P	P	06 27 08.0 -0.8
KBKI	comp=Z,447nm,1.7s,comp=Z,12um,comp=Z,28um	57.52 156	P	P	06 27 08.0 -0.8
KASI	Kota Agung	57.56 170	P	P	06 27 06.6 -2.6
KASI	Kota Agung	57.56 170	P	P	06 27 06.6 -2.6
HTL	Harland	57.57 3131	eP	Iamb	06 27 08.8 -0.1
HTL	Harland	57.57 3131	eP	Iamb	06 27 14.8
HTL	comp=Z,195nm,1.2s			IAMS_20	06 54 51.0
HTL	Harland	57.57 3131	eP	Iamb	06 27 14.8
EYAK	comp=Z,58um,15.7s	57.58 31	eP	P	06 27 10.1 +1.2
EYAK	Cordova Sid Ar	57.58 31	eP	P	06 27 09.6 +0.4
BMRM	Bremner River	57.62 30	eP	P	06 27 09.6 +0.4
BMRM	comp=Z,814nm,1.5s	57.62 30	eP	P	06 27 09.6 +0.4
IWEX	Carrickbyrne	57.64 3151	eP	Iamb	06 27 15.6
IWEX	Carrickbyrne	57.64 3151	eP	Iamb	06 27 15.6
JRS	Jersey	57.70 310	eP	P	06 27 09.5 -0.3
DYA	Yadworthy	57.71 3121	eP	Iamb	06 27 07.3 -2.5
DYA	Yadworthy	57.71 3121	eP	Iamb	06 27 14.1
DYA	comp=Z,397nm,1.1s			IAMS_20	06 55 09.8
WDD	Wied Dalam	57.87 288	eP	P	06 27 12.5 +1.3
WDD	comp=Z,812nm,1.1s			LR	
WDD	Wied Dalam	57.87 288	eP	LR	
WDD	comp=Z,35um,22.0s			LR	
RAGM	Ragged Mountai	58.05 31	eP	P	06 27 13.5 +1.3
RAGM	Ragged Mountai	58.05 31	eP	P	06 27 13.5 +1.3
MID	Middleton Isla	58.25 32	eP	P	06 27 13.4 -0.1
MID	Middleton Isla	58.25 32	eP	P	06 27 13.4 -0.1
MID	comp=Z,537nm,0.9s			P	
MID	Middleton Isla	58.25 32	eP	P	06 27 13.4 -0.1
MID	comp=Z,537nm,0.9s			P	
TTSI	Tana Toraja	58.28 152	P	P	06 27 13.1 -1.1
TTSI	Tana Toraja	58.28 152	P	P	06 27 13.1 -1.1
VSL	Villasalto	58.33			

26d 6h

Table with columns for station name, frequency, power, and signal strength. Includes stations like ETRT, GENI, MVO, PGAV, PCAB, etc.

2012 FEB

Table with columns for station name, frequency, power, and signal strength. Includes stations like PBDV, PTEO, MORF, etc.

1408

Table with columns for station name, frequency, power, and signal strength. Includes stations like NEW, LTY, LON, etc.

1411 **2012 FEB** 2630 6h

LSZ	SNR=16 Lusaka	88.78	243	P	P	06 30 13.4	-0.1
KSU1	SNR=16 Kansas State U	88.81	10	P	P	06 30 12.9	-0.4
KSU1	baz=352 Kansas State U	88.81	10	eP	P	06 30 13.2	-0.2
KSU1	comp=Z,449nm,1.3s				LR		
MVCO	comp=Z,38um,20.0s Mesa Verde	88.81	19	P	P	06 30 13.9	+0.1
MVCO	baz=345,SNR=58				LR		
MVCO	comp=Z,18um,20.0s Mesa Verde	88.81	19	eP	LR	06 30 14.1	+0.4
P42A	comp=Z,38um,20.0s Skaggs, Pawnee	88.81	4	P	P	06 30 13.0	-0.3
P42A	baz=357,SNR=99						
P42A	Winchester	88.82	5	P	P	06 30 12.8	-0.7
P42A	baz=353,SNR=148						
MCWV	Mont Chateau	88.84	357	P	P	06 30 13.5	-0.1
MCWV	baz=2.6,SNR=14						
MCWV	Mont Chateau	88.84	357	eP	P	06 30 14.1	+0.6
MCWV	baz=2.6,SNR=14						
SDCO	Great Sand Dun	88.87	17	P	P	06 30 14.1	+0.1
SDCO	baz=347,SNR=110						
SDCO	Great Sand Dun	88.87	17	eP	LR	06 30 14.3	+0.3
SDCO	baz=347,SNR=110				LR		
P46A	comp=Z,22um,19.0s Rosedale	88.92	2	P	P	06 30 14.1	+0.3
P46A	baz=353,SNR=20						
SDMD	Soldier's Deli	88.95	354	eP	P	06 30 14.2	+0.2
Q34A	Chapman	88.95	10	P	P	06 30 13.7	-0.3
RRX	Edison Barstow	88.98	27	P	P	06 30 15.1	+0.0
RRX	baz=352,SNR=24						
P45A	Graceland, Par	88.99	3	P	P	06 30 14.2	0.0
P45A	baz=340,SNR=88						
P44A	Sand Creek, WI	89.02	4	P	P	06 30 14.2	-0.1
P44A	baz=357,SNR=88						
SC2Z	Santa Cruz Isl	89.03	29	P	P	06 30 16.6	+2.0
SC2Z	baz=339						
Q36A	Arnold C. Orve	89.06	9	P	P	06 30 13.9	-0.7
Q36A	baz=353,SNR=24						
P47A	Martinsville	89.07	2	P	P	06 30 14.3	-0.2
P47A	baz=359,SNR=41						
BLG	Laguna Peak, P	89.10	28	P	P	06 30 14.8	0.0
BLG	baz=339,SNR=9.1						
Q35A	Mercer Eglity	89.11	9	P	P	06 30 14.2	-0.6
Q35A	baz=353,SNR=82						
DECC	Green Verdugo	89.18	28	P	P	06 30 15.4	+0.2
DECC	baz=340,SNR=9.5						
Q39A	Willow Grove F	89.19	7	P	P	06 30 14.8	-0.3
Q39A	baz=357,SNR=42						
H3C	Hector,Ludlow	89.20	26	P	P	06 30 15.7	+0.3
H3C	baz=341,SNR=11						
Q38A	Cooks Store, C	89.22	7	P	P	06 30 15.2	-0.1
Q38A	baz=354,SNR=19						
Q37A	Longview Farm,	89.24	8	P	P	06 30 15.2	-0.2
Q37A	baz=354,SNR=66						
MWC	Mount Wilson	89.29	28	eP	P	06 30 16.8	+0.9
MWC	baz=353,SNR=2						
LDFO	Landfair	89.30	25	eP	P	06 30 16.9	+1.1
PASC	Pasadena Art, C	89.30	28	eP	P	06 30 16.6	+0.8
Q40A	Laux Farm, Aux	89.31	6	P	P	06 30 15.6	-0.1
Q40A	baz=355,SNR=98						
BLO	Bloomington	89.38	2	eP	P	06 30 16.6	+0.6
BLO	baz=353,SNR=2						
BFSC	Mount Baldy Ra	89.39	27	P	P	06 30 15.9	-0.4
BFSC	baz=340,SNR=38						
Q41A	Truxton	89.40	6	P	P	06 30 16.1	0.0
Q41A	baz=356,SNR=160						
GMRC	Granite Mount	89.43	26	P	P	06 30 16.9	+0.4
GMRC	baz=341,SNR=31						
Q42A	Golden Eagle	89.48	5	P	P	06 30 16.7	+0.2
Q42A	baz=356,SNR=138						
Q43A	New Douglas F	89.50	4	P	P	06 30 16.7	+0.1
Q43A	baz=356,SNR=75						
Q46A	CEJHS Indians,	89.50	3	P	P	06 30 16.5	-0.1
Q46A	baz=358,SNR=19						
R34A	Isabella, Hill	89.53	10	P	P	06 30 16.5	-0.3
R34A	baz=352,SNR=24						
Q44A	Meyer Farm, Va	89.57	4	P	P	06 30 16.9	0.0
Q44A	baz=357,SNR=69						
BBRC	Big Bear Solar	89.57	27	P	P	06 30 17.9	+0.6
BBRC	baz=357,SNR=69						
Q45A	Warren Harvey,	89.61	3	P	P	06 30 17.3	+0.2
Q45A	baz=357,SNR=126						
Q47A	Bedord North L	89.61	2	P	P	06 30 17.1	0.0
Q47A	baz=359,SNR=52						
R35A	Emporia	89.62	10	P	P	06 30 17.0	-0.2
R35A	baz=352,SNR=21						
T25A	Trinidad	89.65	16	P	P	06 30 17.3	-0.4
T25A	baz=348,SNR=55						
R36A	Gordon, Harris	89.69	9	P	P	06 30 18.0	+0.4
R36A	baz=353,SNR=62						
FMP	Fort Macarthur	89.70	28	P	P	06 30 18.7	+1.1
FMP	baz=340						
NEE2	Needles Airpor	89.72	25	P	P	06 30 19.6	+1.9
NEE2	baz=342						
R37A	Teagarden Farm	89.76	8	P	P	06 30 17.1	-0.8
R37A	baz=353,SNR=48						
SNCC	San Nicolas Is	89.76	29	P	P	06 30 19.9	+1.9
SNCC	baz=339						
OLIL	Olney	89.77	3	eP	P	06 30 18.4	+0.5
OLIL	baz=355,SNR=52						
SLM	Saint Louis	89.77	5	eP	P	06 30 18.3	+0.4
SLM	baz=355,SNR=52						
WUAZ	Wupatki	89.80	22	P	P	06 30 17.7	-0.6
WUAZ	baz=343,SNR=96						
WUAZ	Wupatki	89.80	22	eP	LR	06 30 18.8	+0.5
WUAZ	baz=343,SNR=96				LR		
R39A	comp=Z,22um,19.0s Chumby, Cover	89.91	7	P	P	06 30 18.3	-0.2
R39A	baz=354,SNR=37						
CIS	Catalina Islan	89.95	28	P	P	06 30 18.2	-0.7
CIS	baz=340,SNR=6.1						
R38A	Fenwick Farm,	89.97	8	P	P	06 30 18.2	-0.7
R38A	baz=340,SNR=6.1						
R40A	Maddies Statio	89.99	6	P	P	06 30 18.0	-0.9
R40A	baz=355,SNR=71						
R41A	Rosebud	90.05	6	P	P	06 30 18.6	-0.6
R41A	baz=355,SNR=161						
BELC	Belle Mtn. Jos	90.07	26	P	P	06 30 19.9	+0.3
BELC	baz=341,SNR=32						
R42A	Luebbering	90.10	5	P	P	06 30 18.8	-0.6
R42A	baz=356,SNR=111						
MURC	Murrieta	90.12	27	P	P	06 30 19.8	+0.1
MURC	baz=340,SNR=32						
S34A	Willow Spring	90.14	10	P	P	06 30 19.5	-0.1
S34A	baz=352,SNR=57						
R43A	Red Bud	90.15	5	P	P	06 30 19.5	-0.1
R43A	baz=356,SNR=71						
IRM	Iron Mountain	90.16	25	P	P	06 30 20.0	+0.2
IRM	baz=341,SNR=69						
R48A	Northridge Ran	90.16	1	P	P	06 30 19.6	0.0
R48A	baz=359,SNR=48						
CBN	Corbin Frederi	90.18	355	P	P	06 30 19.5	-0.2
CBN	baz=4.1,SNR=7.6						
CBN	Corbin Frederi	90.18	355	eP	LR	06 30 20.8	+1.0
CBN	baz=359				LR		
R45A	comp=Z,31um,20.0s Skylar, Fairri	90.20	3	P	P	06 30 20.1	+0.2
R45A	baz=357,SNR=99						
R44A	Waltonville	90.22	4	P	P	06 30 20.1	+0.2
R44A	baz=357,SNR=146						
S35A	Onter Creek Ra	90.24	10	P	P	06 30 19.4	-0.7
S35A	baz=352,SNR=55						
R47A	Wooly Knot Far	90.25	2	P	P	06 30 20.0	-0.1
R47A	baz=358,SNR=46						
S36A	Lake Cedric, C	90.28	9	P	P	06 30 19.2	-1.1
S36A	baz=353,SNR=79						
PDMCI	Parker Dam,Lak	90.28	25	P	P	06 30 20.5	+0.2
PDMCI	baz=342,SNR=16						
CCM	Cathedral Cave	90.29	6	P	P	06 30 19.6	-0.8
CCM	baz=356						
CCM	Cathedral Cave	90.29	6	eP	P	06 30 20.2	-0.1
CCM	baz=356						
CCM	Cathedral Cave	90.29	6	eP	P	06 30 20.2	-0.1
CCM	baz=356						
SC12	San Clemente I	90.31	28	P	P	06 30 21.1	+1.0
SC12	baz=339						
R46A	Gibson Southern	90.31	3	P	P	06 30 20.3	0.0
R46A	baz=358,SNR=40						
PFO	Pinyon Flats O	90.31	27	P	P	06 30 21.2	+0.5
PFO	baz=341,SNR=43						
PFO	Pinyon Flats O	90.31	27	eP	MLR	06 30 21.1	+0.5
PFO	baz=339				MLR		
PFO	comp=Z,17um,19.0s Pinyon Flats O	90.31	27	eP	LR	06 30 21.1	+0.5
PFO	baz=357,SNR=20				LR		

S37A	Fort Scott	90.31	9	P	P	06 30 19.8	-0.7
S37A	baz=353,SNR=27						
XPFO	Piacon Flat	90.31	27	eP	P	06 30 21.2	+0.5
XPFO	TPFO	90.32	27	P	P	06 30 21.2	+0.5
WCI	Wyandotte Cave	90.32	2	P	P	06 30 20.4	0.0
WCI	baz=359						
WCI	Wyandotte Cave	90.32	2	eP	P	06 30 20.9	+0.5
WCI	baz=359						
ITZ	Itzhi-Tezhi	90.33	355	eP	P	06 30 20.9	+0.5
ITZ	baz=359						
SPRD	Spring Road,	90.38	355	eP	P	06 30 16.1	-4.9
SPRD							

26d 6h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like WLAR White Oak Lake, Y46A Yeager Farm, C, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like TIGA Tifton, 349A Repton, 351A Pinard, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like PPT Papeete, PPT2 Papeete2, PPT2 Papeete2, etc.

26d 6h

0.1mm,0.4s,baz=37,slow=6.9,SNR=4.3
TORO Torodi Ar. Bea 82.76 282 P 06 57 40.8 -0.9

ISCJB 26 06:47:13.9.1.1, 51.14N,02.96E,10.2,h10km,mb3.77,
Error ellipse: s-maj=29.6km s-min=19.5km az=3.1

IDC 26 06:47:13.7.1.2, 51.41N,96.41E, h0km, mb3.8/7,
mb1 3.8/7, mb1mx3.4/7, mbtmp3.8/7, Error ellipse:

s-maj=37.1km s-min=26.6km az=22.0
ISC 26 06:47:15.4.1.3, 51.51N,02.96E,0.2,h10km,n9,0153/8,
mb3.8/7, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include SONM Songoing Array, BVAR Borovoye Array, AKTO Aktyubinsk, etc.

IDC 26 06:47:50.9.0.9, 51.59N,96.00E, h0km, mb3.8/10,
mb1 3.9/10, mb1mx3.6/7, mbtmp3.8/10, Error ellipse:

s-maj=35.9km s-min=20.4km az=36.0
ISCJB 26 06:47:51.0.0.8, 51.61N,02.96E,0.2,h10km,mb3.7/10,
Error ellipse: s-maj=25.8km s-min=18.1km az=29.0

ISC 26 06:47:52.5.1.1, 51.61N,02.96E,0.2,h10km,n11,
0581/10, mb3.8/10, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include ZALV Zalesovo Beam, AKTO Aktyubinsk, etc.

IDC 26 06:48:36.6.6.8, 18.03S,178.07W, h455km,78km,mb3.2/8,
mb1 3.5/8, mb1mx3.2/46, mbtmp4.0/8, Error ellipse:

s-maj=38.0km s-min=22.2km az=174.0
ISCJB 26 06:48:39.3.0.8, 18.1S,02.178W,0.2,h500km,mb3.5/7,
Error ellipse: s-maj=29.8km s-min=17.3km az=42.9

ISC 26 06:48:39.7.0.9, 18.1S,02.178W,0.2,h500km,n11,
0154/10, mb3.4/7, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include URZ Urewera, WRA Warramunga Arr, etc.

IDC 26 06:51:38.7.3.5, 51.78N,96.28E, h0km, mb3.7/6,
mb1 3.8/6, mb1mx3.4/7, mbtmp3.7/6, Error ellipse:

s-maj=79.1km s-min=38.8km az=160.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include FINES FINESS Array B, AKASG Malin Array Be, etc.

MAN 26 06:51:59, 10.02N,123.30E, h12km, mb4.0, ML2.8, MS2.5,
1D, Cebu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include TBP Tagbilaran, SNPH Sibulan, etc.

BUI 26 06:52:36.2, 52.07N,95.94E, h13km, mb4.6/25, mb4.9/1,
Ms5.1/6, Ms7 4/8

ISCJB 26 06:52:37.8.0.2, 51.77N,03.03,96.12E,0.0,h10km,
mb4.6/82, Error ellipse: s-maj=4.4km s-min=0.3km az=13.2

IDC 26 06:52:37.6.0.5, 51.69N,96.16E, h0km, mb4.3/31,
mb1 4.4/36, mb1mx4.3/7, mbtmp4.3/36, ML2.3/5, Error ellipse:

s-maj=14.6km s-min=8.0km az=174.0
MOS 26 06:52:38.7.1.1, 51.88N,96.10E, h14km, mb5.0/31, Error ellipse:

s-maj=8.0km s-min=6.2km az=38.2
NEIC 26 06:52:41.8.0.5, 52.11N,95.69E, h10km, mb4.9/32, Error ellipse:

s-maj=13.5km s-min=5.3km az=162.0
NEIC Felt [III] at Krasnoyarsk. Also felt at Kemerovo.

ISC 26 06:52:39.6.0.3, 51.86N,03.04,96.06E,0.03,h10km,n218,
0182/241, mb4.6/89,24C-16D, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include HVS Khovu-Aksy, ORL Orlik, etc.

2012 FEB

Table with columns: MOY TLY, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include Talaya, Zakamensk, etc.

Table with columns: MOY TLY, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include ZAK, ZAK, ZAK, etc.

Table with columns: MOY TLY, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include IRK Irkutsk, IRK Irkutsk, etc.

Table with columns: MOY TLY, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include TRG Tyrgan, ZALV Zalesovo Beam, etc.

Table with columns: MOY TLY, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

Table with columns: MOY TLY, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

Table with columns: MOY TLY, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

Table with columns: MOY TLY, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

Table with columns: MOY TLY, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

Table with columns: MOY TLY, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

Table with columns: MOY TLY, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

Table with columns: MOY TLY, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

Table with columns: MOY TLY, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

Table with columns: MOY TLY, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

1414

Table with columns: TIXI Tiksi, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include TIXI Tiksi, TIXI Tiksi, etc.

Table with columns: TIXI Tiksi, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include USRK Ussuriysk Ar., WHN Wujia, etc.

Table with columns: TIXI Tiksi, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include WHN Wujia, NJ2 Nanjing, etc.

Table with columns: TIXI Tiksi, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include KS01 Wujia Array S, KSAR Wujia Array Be, etc.

Table with columns: TIXI Tiksi, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include KSRS Korea Array, GYA Guiyang, etc.

Table with columns: TIXI Tiksi, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include GYA Guiyang, KMI Kunming, etc.

Table with columns: TIXI Tiksi, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include GEYT Alibek, MA2 Magadan, etc.

Table with columns: TIXI Tiksi, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include SEY Seymchan, KLMR Klimovskoe, etc.

Table with columns: TIXI Tiksi, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include KLMR Klimovskoe, LVZ Lovozero, etc.

Table with columns: TIXI Tiksi, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include LVZ Lovozero, CHTO Chiang Mai, etc.

Table with columns: TIXI Tiksi, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include CHTO Chiang Mai, CHTO Chiang Mai, etc.

Table with columns: TIXI Tiksi, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include CHTO Chiang Mai, CHTO Chiang Mai, etc.

Table with columns: TIXI Tiksi, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include CHTO Chiang Mai, CHTO Chiang Mai, etc.

Table with columns: TIXI Tiksi, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include CHTO Chiang Mai, CHTO Chiang Mai, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like MORC Moravsky Berou, VYHS Vyhne, BZS Buzias, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like ANMO Albuquerque, CPUR Villa Florida, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like RAO Raoul Island, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like JAR Ashorobuto, JAR Nakash, JAR Nemuro 2, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, TWE, Neicheng, 0.97 284, P, Pn, 07 22 09.4 0.0. Includes stations like Lanzhou, Unalaska Valle, Chengdu, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, TWE, Neicheng, 0.97 284, P, Pn, 07 22 09.4 0.0. Includes stations like Orlik, Arshan, Arshn, etc.

SOME 26 07:16:11.2, 44:68N, 82:13E, h15km
NMC 26 07:16:13.3, 2.4, 44:81N, 81:72E, h0km, mb3.4, mpv2.8,
Error ellipse: s-maj=49.5km s-min=8.9km az=118.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, TWE, Neicheng, 0.97 284, P, Pn, 07 22 09.4 0.0. Includes stations like JarKent, Arshn, etc.

ISCJCB 26 07:21:49.8, 0.5, 24:50N, 0:03, 122:70E, 0:02, h90km, 5km,
Error ellipse: s-maj=4.9km s-min=2.5km az=174.8

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, TWE, Neicheng, 0.97 284, P, Pn, 07 22 09.4 0.0. Includes stations like Raoul Island, Alice Springs, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, TWE, Neicheng, 0.97 284, P, Pn, 07 22 09.4 0.0. Includes stations like Yulb, Yuli, etc.

IDC 26 07:06:37.9, 1.5, 24:74S, 177:52W, h0km, mb4.0/3,
mb1 4.3/4, mb1mx3.8/4, mbtmp4.2/4, ML5.0/1, Error ellipse: s-maj=49.0km s-min=34.1km az=121.0, South of Fiji Islands

IDC 26 07:10:55.2, 1.5, 51:58N, 96:20E, h0km, mb3.7/6,
mb1 3.8/6, mb1mx3.7/3, mbtmp3.7/6, Error ellipse: s-maj=36.4km s-min=21.5km az=6.0
MOS 26 07:10:57.0, 2.5, 51:85N, 96:22E, h10km, mb4.0/3, Error ellipse: s-maj=21.0km s-min=15.6km az=171.3
ISC 26 07:10:58.6, 0.9, 52:0N, 0:1, 96:34E, 0:07, h10km, n16, 0:163/15, mb3.7/7, Southwestern Siberia

Table with columns: CHN4, Tsauhsan, 2.24 240 eP, Pn, 07 22 26.5 +1.0, etc.

MOS 26 07:26:08.9:1.9, 51.58N:96.33E, h10km, mb4.0/4, Error ellipse: s-maj=27.4km s-min=21.7km az=3.3

Table with columns: ORL, Oriik, 2.30 63 eP, Pn, 07 26 52.6 +0.6, etc.

Table with columns: MOY, Mondy, 2.84 86 eP, Pn, 07 27 03.7 -1.0, etc.

Table with columns: ARS, Arshan, 3.74 82 eP, Pn, 07 27 20.3 -1.5, etc.

Table with columns: ZAK, Zakamensk, 4.48 103 eP, Pn, 07 27 29.9 +0.8, etc.

Table with columns: TRG, Tyrgan, 6.21 75 eP, Pn, 07 27 42.7 +0.6, etc.

Table with columns: OGRR, Ongureny, 7.11 69 eP, Pn, 07 27 57.9 +3.6, etc.

Table with columns: ZALV, Zalesovo Beam, 7.45 293 Pn, Pn, 07 27 57.9 -1.1, etc.

Table with columns: SONM, Songino Array, 7.45 116 Pn, Pn, 07 28 26.8 -6.1, etc.

Table with columns: ARU, Arti, 22.59 297 P, P, 07 31 11.1 +0.5, etc.

Table with columns: AKTO, Aktyubinsk, 34.20 283 P, P, 07 31 25.2 +0.1, etc.

Table with columns: FINES, Finess Array B, 38.03 313 P, P, 07 33 21.1 +1.4, etc.

Table with columns: NOA, NORSAR Array B, 44.95 317 P, P, 07 34 24.0 -1.0, etc.

Table with columns: TLY, Talaya, 4.63 88 eP, Pb, 07 40 12.3 +2.5, etc.

Table with columns: ZAK, Zakamensk, 4.67 104 eP, Pb, 07 40 10.9 +0.4, etc.

Table with columns: IRK, Irkutsk, 5.01 81 eP, Pb, 07 40 17.8 +1.5, etc.

Table with columns: TRG, Tyrgan, 6.32 77 eP, Pn, 07 40 20.6 -1.1, etc.

Table with columns: OGRR, Ongureny, 7.18 70 eP, Pn, 07 40 34.1 +0.6, etc.

Table with columns: ORL, Oriik, 2.42 73 eP, Pn, 07 44 05.9 -2.2, etc.

Table with columns: MOY, Mondy, 3.10 92 eP, Pb, 07 44 18.7 -0.9, etc.

Table with columns: ARS, Arshan, 3.96 87 eP, Pb, 07 44 34.6 +0.2, etc.

Table with columns: TLY, Talaya, 4.74 89 eP, Pb, 07 44 48.9 +1.4, etc.

Table with columns: ZAK, Zakamensk, 4.81 105 eP, Pn, 07 44 35.2 -1.8, etc.

Table with columns: IRK, Irkutsk, 5.10 83 eP, Pb, 07 44 54.5 +0.8, etc.

Table with columns: TRG, Tyrgan, 6.39 78 eP, Pn, 07 44 59.8 +1.2, etc.

Table with columns: ZALV, Zalesovo Beam, 7.08 291 Pn, Pn, 07 45 08.3 +0.3, etc.

Table with columns: OGRR, Ongureny, 7.24 71 eP, Pn, 07 45 11.9 +1.7, etc.

MOS 26 07:49:00.2:1.9, 51.47N:96.06E, h11km, mb4.1/7, Error ellipse: s-maj=13.7km s-min=9.5km az=15.6

Table with columns: HVS, Khovu-Aksy, 1.55 253 eP, Pn, 07 49 29.2 -2.5, etc.

Table with columns: ORL, Oriik, 2.50 66 eP, Pn, 07 49 15.2 -1.8, etc.

Table with columns: MOY, Mondy, 3.07 87 eP, Pb, 07 49 56.8 0.0, etc.

Table with columns: ARS, Arshan, 3.97 83 eP, Pn, 07 50 04.7 +1.8, etc.

Table with columns: ZAK, Zakamensk, 4.72 102 eP, Pn, 07 50 25.6 +0.7, etc.

Table with columns: TLY, Talaya, 4.72 86 eP, Pb, 07 50 27.0 +2.1, etc.

Table with columns: IRK, Irkutsk, 5.12 80 eP, Pb, 07 50 34.1 +2.4, etc.

Table with columns: TRG, Tyrgan, 6.43 76 eP, Pn, 07 50 37.0 +0.2, etc.

Table with columns: ZALV, Zalesovo Beam, 7.21 293 Pn, Pn, 07 50 48.9 +1.5, etc.

Table with columns: OGRR, Ongureny, 7.31 69 eP, Pn, 07 50 50.1 +1.3, etc.

Table with columns: SONM, Songino Array, 7.68 115 Pn, Pn, 07 51 19.1 +3.8, etc.

Table with columns: ULN, Ulanbator, 8.04 119 eP, Pn, 07 51 59.3 +0.3, etc.

Table with columns: MKAR, Makanchi Array, 10.21 247 Pn, Pn, 07 51 29.6 +1.0, etc.

MOS 26 07:26:09.2:1.0, 51.4N:0.2-96.2E, 0.1, h10km, mb3.6/5, Error ellipse: s-maj=29.2km s-min=10.2km az=0.4

MOS 26 07:43:24.6:3.2, 51.80N:96.15E, h6km, mb1.0/4, Error ellipse: s-maj=23.4km s-min=11.5km az=1.0

MOS 26 07:43:24.6:3.2, 51.80N:96.15E, h6km, mb1.0/4, Error ellipse: s-maj=23.4km s-min=11.5km az=1.0

MOS 26 07:43:24.6:3.2, 51.80N:96.15E, h6km, mb1.0/4, Error ellipse: s-maj=23.4km s-min=11.5km az=1.0

MOS 26 07:43:24.6:3.2, 51.80N:96.15E, h6km, mb1.0/4, Error ellipse: s-maj=23.4km s-min=11.5km az=1.0

MOS 26 07:43:24.6:3.2, 51.80N:96.15E, h6km, mb1.0/4, Error ellipse: s-maj=23.4km s-min=11.5km az=1.0

MOS 26 07:43:24.6:3.2, 51.80N:96.15E, h6km, mb1.0/4, Error ellipse: s-maj=23.4km s-min=11.5km az=1.0

MOS 26 07:43:24.6:3.2, 51.80N:96.15E, h6km, mb1.0/4, Error ellipse: s-maj=23.4km s-min=11.5km az=1.0

MOS 26 07:43:24.6:3.2, 51.80N:96.15E, h6km, mb1.0/4, Error ellipse: s-maj=23.4km s-min=11.5km az=1.0

MOS 26 07:43:24.6:3.2, 51.80N:96.15E, h6km, mb1.0/4, Error ellipse: s-maj=23.4km s-min=11.5km az=1.0

MOS 26 07:43:24.6:3.2, 51.80N:96.15E, h6km, mb1.0/4, Error ellipse: s-maj=23.4km s-min=11.5km az=1.0

MOS 26 07:43:24.6:3.2, 51.80N:96.15E, h6km, mb1.0/4, Error ellipse: s-maj=23.4km s-min=11.5km az=1.0

MOS 26 07:43:24.6:3.2, 51.80N:96.15E, h6km, mb1.0/4, Error ellipse: s-maj=23.4km s-min=11.5km az=1.0

MOS 26 07:43:24.6:3.2, 51.80N:96.15E, h6km, mb1.0/4, Error ellipse: s-maj=23.4km s-min=11.5km az=1.0

MOS 26 07:43:24.6:3.2, 51.80N:96.15E, h6km, mb1.0/4, Error ellipse: s-maj=23.4km s-min=11.5km az=1.0

MOS 26 07:43:24.6:3.2, 51.80N:96.15E, h6km, mb1.0/4, Error ellipse: s-maj=23.4km s-min=11.5km az=1.0

MOS 26 07:43:24.6:3.2, 51.80N:96.15E, h6km, mb1.0/4, Error ellipse: s-maj=23.4km s-min=11.5km az=1.0

MOS 26 07:43:24.6:3.2, 51.80N:96.15E, h6km, mb1.0/4, Error ellipse: s-maj=23.4km s-min=11.5km az=1.0

MOS 26 07:43:24.6:3.2, 51.80N:96.15E, h6km, mb1.0/4, Error ellipse: s-maj=23.4km s-min=11.5km az=1.0

MOS 26 07:43:24.6:3.2, 51.80N:96.15E, h6km, mb1.0/4, Error ellipse: s-maj=23.4km s-min=11.5km az=1.0

MOS 26 07:43:24.6:3.2, 51.80N:96.15E, h6km, mb1.0/4, Error ellipse: s-maj=23.4km s-min=11.5km az=1.0

MOS 26 07:43:24.6:3.2, 51.80N:96.15E, h6km, mb1.0/4, Error ellipse: s-maj=23.4km s-min=11.5km az=1.0

MOS 26 07:43:24.6:3.2, 51.80N:96.15E, h6km, mb1.0/4, Error ellipse: s-maj=23.4km s-min=11.5km az=1.0

MOS 26 07:43:24.6:3.2, 51.80N:96.15E, h6km, mb1.0/4, Error ellipse: s-maj=23.4km s-min=11.5km az=1.0

MOS 26 07:43:24.6:3.2, 51.80N:96.15E, h6km, mb1.0/4, Error ellipse: s-maj=23.4km s-min=11.5km az=1.0

MOS 26 07:43:24.6:3.2, 51.80N:96.15E, h6km, mb1.0/4, Error ellipse: s-maj=23.4km s-min=11.5km az=1.0

MOS 26 07:49:00.2:1.9, 51.47N:96.06E, h11km, mb4.1/7, Error ellipse: s-maj=13.7km s-min=9.5km az=15.6

MOS 26 07:49:00.2:1.9, 51.47N:96.06E, h11km, mb4.1/7, Error ellipse: s-maj=13.7km s-min=9.5km az=15.6

MOS 26 07:49:00.2:1.9, 51.47N:96.06E, h11km, mb4.1/7, Error ellipse: s-maj=13.7km s-min=9.5km az=15.6

MOS 26 07:49:00.2:1.9, 51.47N:96.06E, h11km, mb4.1/7, Error ellipse: s-maj=13.7km s-min=9.5km az=15.6

MOS 26 07:49:00.2:1.9, 51.47N:96.06E, h11km, mb4.1/7, Error ellipse: s-maj=13.7km s-min=9.5km az=15.6

MOS 26 07:49:00.2:1.9, 51.47N:96.06E, h11km, mb4.1/7, Error ellipse: s-maj=13.7km s-min=9.5km az=15.6

MOS 26 07:49:00.2:1.9, 51.47N:96.06E, h11km, mb4.1/7, Error ellipse: s-maj=13.7km s-min=9.5km az=15.6

MOS 26 07:49:00.2:1.9, 51.47N:96.06E, h11km, mb4.1/7, Error ellipse: s-maj=13.7km s-min=9.5km az=15.6

MOS 26 07:49:00.2:1.9, 51.47N:96.06E, h11km, mb4.1/7, Error ellipse: s-maj=13.7km s-min=9.5km az=15.6

MOS 26 07:49:00.2:1.9, 51.47N:96.06E, h11km, mb4.1/7, Error ellipse: s-maj=13.7km s-min=9.5km az=15.6

MOS 26 07:49:00.2:1.9, 51.47N:96.06E, h11km, mb4.1/7, Error ellipse: s-maj=13.7km s-min=9.5km az=15.6

MOS 26 07:49:00.2:1.9, 51.47N:96.06E, h11km, mb4.1/7, Error ellipse: s-maj=13.7km s-min=9.5km az=15.6

MOS 26 07:49:00.2:1.9, 51.47N:96.06E, h11km, mb4.1/7, Error ellipse: s-maj=13.7km s-min=9.5km az=15.6

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes entries like PB12, ARCH Arica, PB11 IPOC Station P, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes entries like CM1G Matias Romero, 859A Kempfer Cattle, 757A Oxford, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes entries like X49A Woodville, Z44A Pea Ridge, Bel, X48A Harbinger, etc.

Table with columns: ID, Name, Address, Phone, Email, Website, and other details. Includes entries like TX31 Lajitas Ar. Si Cord, W40A Ferguson Farm, etc.

Table with columns: ID, Name, Address, Phone, Email, Website, and other details. Includes entries like T36A Boggs Farm, Ca, ALLY Alegheny Cole, etc.

Table with columns: ID, Name, Address, Phone, Email, Website, and other details. Includes entries like BASO Ashfield, BWLO Walkerton, etc.

26d 8h

2012 FEB

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Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Rows include stations like I38A Scanlan Farm, L32A Elgin, G42A Mountain, etc.

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Rows include stations like LDFC Landfair, TAOE Nuku Hiva Isla, GMRC Granite Mounts, etc.

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Rows include stations like LAO LASA Array, RLMT Red Lodge, RLMT Grant Village, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Kurbb Kurchatov Arra, AAK Ala-Archa, DDA 26 08:32:54.0, etc.

ISCJB 26 08:41:06.7:0.4, 8:32N:0:03:72:44W:0:03, h10km, mb3.6/5, Error ellipse: s-maj=5.5km s-min=3.8km az=36.6

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PAMC Pamplona, Colo, BARRC Barranca, Sant, BARC Barichara, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PDAR Pinedale Array, YKA Yellowknife Arr, ASAR Alice Springs, WRA Warramunga Arr, etc.

ISCJB 26 08:43:04.0:0.5, 51:65N:0:09:95:92E:0:07, h10km, mb3.7/14, MS4.5/1, Error ellipse: s-maj=12.9km s-min=6.4km az=175.9

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ORL Oriik, MOY Mondy, TLY Talaya, ZAK Zakamensk, etc.

ISCJB 26 08:41:06.5:0.6, 8:30N:0:03:72:50W:0:04, h10km, n26, r185/37, mb3.7/5, 1-C, Venezuela

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BVAR Borovoye Array, AAK Ala-Archa, KKAR Karatay Array, etc.

ISCJB 26 08:45:43.2:0.5, 23:81S:177:57W, h0km, mb3.8/5, mb1.4/2.5, mb1mx3.8/4.0, mbtmp3.8/5, Error ellipse: s-maj=233.8km s-min=26.4km az=160.0, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, NVAR Mina Array, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like IDC 26 08:49:35.9:6.5, 23:85S:177:53W, h0km, mb3.4/2, etc.

IDC 26 08:51:33.9:6.4, 23:26S:178:57W, h0km, mb3.3/2, mb1.3/6.2, mb1mx3.3/3.9, mbtmp3.3/2, Error ellipse: s-maj=341.3km s-min=44.0km az=153.0, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, AKASG Malin Array, etc.

IDC 26 08:55:21.0:1.8, 10:77N:126:55E, h0km, mb3.9/7, mb1.4/0.7, mb1mx3.6/5.9, mbtmp3.9/7, Error ellipse: s-maj=190.4km s-min=18.9km az=69.0

ISCJB 26 08:55:25.8:0.8, 10:70N:0:08:126:41E:0:09, h44km, mb4.0/7, Error ellipse: s-maj=14.0km s-min=9.0km az=39.8

ISC 26 08:55:27.5:1.1, 10:70N:0:09:126:4E:0:11, h44km, n12, r135/12, mb4.0/7, 1C-1D, Philippines region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SCPH Surigao, PLP Palo, MSPL Maasin, etc.

IDC 26 09:02:09.7:4.8, 24:46E:176:73W, h0km, mb3.8/3, mb1.4/0.3, mb1mx3.7/4.0, mbtmp3.8/3, Error ellipse: s-maj=242.2km s-min=51.6km az=157.0, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CTA Charters Tower, ASAR Alice Springs, WRA Warramunga Arr, etc.

ISK 26 09:06:04.8, 38:84N:30:22E, h8km, ML2.2/6, ISCJB 26 09:06:05.2:0.5, 38:81N:0:03:30:18E:0:04, h5km, 7km, Error ellipse: s-maj=6.1km s-min=3.9km az=40.6

DDA 26 09:06:05.0, 38:80N:30:17E, h7km, ML2.5, CSEM 26 09:06:05.4:0.2, 38:81N:30:20E, h10km, ML2.2, Error ellipse: s-maj=4.3km s-min=3.0km az=36.0

ISC 26 09:06:05.2:1.0, 38:82N:0:03:30:20E:0:02, h11km, 10km, n21, r038/36, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SHUT Suhut-Afyon, KZIL AFYON, BOLV Bolvadin, etc.

IDC 26 09:07:00.4:1.1, 24:86S:0:07:177:4W:0:02, h10km, mb4.2/9, Error ellipse: s-maj=23.3km s-min=9.8km az=175.2

NEIC 26 09:07:01.9:0.8, 24:94S:177:28W, h11km, 4km, mb4.4/5, Error ellipse: s-maj=15.7km s-min=11.7km az=110.0

ISC 26 09:07:01.8:1.0, 24:87S:0:09:177:2W:0:02, h10km, n19, r096/18, mb4.3/9, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GAO Raoul Island, RAO Raoul Island, FOZ Fox Glacier, etc.

26d 10h

Table with columns: Call Sign, Name, Power, Frequency, Mode, and other technical details. Includes entries like GB1A, GB1A, CNNG, BUAI, GFS3, etc.

2012 FEB

Table with columns: Call Sign, Name, Power, Frequency, Mode, and other technical details. Includes entries like LRAL, NATX, NATX, 142A, 143A, etc.

1426

Table with columns: Call Sign, Name, Power, Frequency, Mode, and other technical details. Includes entries like W38A, WWT, WWT, V42A, etc.

P45A	Graceland, Par	28.24 358	P	P	10 06 21.3 -0.8
Q39A	Willow Grove F	28.31 350	P	P	10 06 21.3 -1.4
P46A	Roseale	28.32 359	P	P	10 06 21.7 -1.1
R35A	Emporia Munci	28.33 344	P	P	10 06 22.6 -0.3
Q38A	Cooks Store, C	28.34 349	P	P	10 06 21.9 -1.1
Q37A	Longview Farm,	28.43 347	P	P	10 06 22.5 -1.4
P43A	Skaggs, Pawnee	28.45 355	P	P	10 06 23.1 -0.8
R34A	Isabella, Hill	28.61 342	P	P	10 06 24.2 -1.2
P41A	Barry, Barry	28.64 353	P	P	10 06 24.2 -1.5
P39B	Salisbury	28.70 350	P	P	10 06 24.9 -1.3
Q36A	Arnold C. Orve	28.75 346	P	P	10 06 25.5 -1.1
Q35A	Mercer Eighty,	28.80 345	P	P	10 06 26.0 -1.0
O44A	Mansfield	28.89 357	P	P	10 06 27.3 -0.6
O47A	Sheridan	28.93 1 P	P	P	10 06 27.3 -1.0
O45A	Potomac	28.96 358	P	P	10 06 27.8 -0.7
P38A	Dawn	28.97 349	P	P	10 06 27.3 -1.3
MCWV	Mont Chateau	29.00 11	eP	P	10 06 29.6 +0.7
O41A	Passleys Farm,	29.05 353	P	P	10 06 28.0 -1.3
SFIN	Lafayette	29.08 359	eP	P	10 06 28.8 -1.0
PF3A	Lathrop	29.10 348	P	P	10 06 28.4 -1.3
Q34A	Chapman	29.10 343	P	P	10 06 28.9 -0.9
ACSO	Alum Creek Sta	29.11 6	P	P	10 06 29.6 -0.3
ACSO	Alum Creek Sta	29.11 6	eP	P	10 06 30.1 +0.3
KSU1	Kansas State U	29.17 344	P	P	10 06 29.6 -0.9
KSU1	Kansas State U	29.17 344	eP	P	10 06 29.5 -0.9
O40A	La Belle	29.18 352	P	P	10 06 29.3 -1.1
P36A	Good Intent, A	29.31 346	P	P	10 06 30.8 -1.0
HD1L	Hopedale	29.34 356	eP	P	10 06 31.0 -0.9
HD1L	Hopedale	29.34 356	eP	P	10 06 31.6 -0.2
P35A	Duane Minner,	29.42 345	P	P	10 06 31.4 -1.2
SDMD	Soldier's Deli	29.44 16	eP	P	10 06 33.0 +0.3
N44A	Piper City	29.52 358	P	P	10 06 32.3 -1.1
N45A	Kentland	29.55 359	P	P	10 06 32.8 -1.0
N46A	Monticello	29.59 360	P	P	10 06 33.3 -0.8
O37A	Wolven Farm, M	29.61 348	P	P	10 06 33.1 -1.2
N41A	Harden Midland	29.63 354	P	P	10 06 33.2 -1.3
P34A	Walnut Farm, R	29.65 344	P	P	10 06 33.9 -0.7
N42A	Yates City	29.67 355	P	P	10 06 33.6 -1.2
N43A	Stutzman Famil	29.72 356	P	P	10 06 34.3 -0.9
ANMO	Albuquerque	29.72 326	eP	P	10 06 35.7 +0.1
ANMO	Albuquerque	29.72 326	eP	P	10 06 36.9 +1.3
O36A	Bolckow	29.75 347	P	P	10 06 34.4 -1.1
N40A	Mertquake, Sal	29.89 353	P	P	10 06 35.5 -1.2
N38A	Joos South For	30.05 350	P	P	10 06 37.1 -1.1
O35A	Humboldt	30.09 346	P	P	10 06 37.4 -1.1
M46A	Old House Fiel	30.10 0	P	P	10 06 37.6 -1.0
N37A	Lee Faris, Mou	30.20 349	P	P	10 06 38.7 -0.7
M43A	Waltham Townsh	30.20 357	P	P	10 06 38.5 -0.9
O34A	Beatrice	30.21 345	P	P	10 06 38.7 -1.0
M41A	Milan	30.26 354	P	P	10 06 38.9 -1.1
SSPA	Standing Stone	30.34 13	eP	P	10 06 41.6 +0.9
O33A	Hebron	30.35 343	P	P	10 06 40.4 -0.5
M40A	Post Highland	30.40 353	P	P	10 06 40.1 -1.1
N36A	Muff Farm, Cla	30.40 348	P	P	10 06 39.9 -1.4
M39A	Webster	30.56 352	P	P	10 06 41.4 -1.2
N35A	Tabor	30.60 347	P	P	10 06 41.8 -1.2
M38A	Pleasantville	30.65 350	P	P	10 06 42.0 -1.5
N34A	Lincoln	30.78 345	P	P	10 06 43.7 -0.9
M37A	Trindle Farm,	30.79 349	P	P	10 06 43.6 -1.1
L42A	Oliver, Polo	30.81 356	P	P	10 06 43.4 -1.4
M54A	Oil Creek Stat	30.82 10	eP	P	10 06 44.2 -0.8
L44A	Lake County Fo	30.89 358	P	P	10 06 43.9 -1.6
L43A	Garden Prairie	30.93 357	P	P	10 06 44.3 -1.6
N33A	J Bar K, Exete	30.93 344	P	P	10 06 45.6 -0.3
L41A	Preston	30.95 354	P	P	10 06 44.7 -1.4
L40A	Anamosa	31.01 353	P	P	10 06 45.5 -1.2
N59A	State Game Lan	31.13 16	eP	P	10 06 48.4 +0.6
M35A	Neola	31.19 347	P	P	10 06 47.2 -1.0
L38A	Oak Wood Farm,	31.32 351	P	P	10 06 48.2 -1.1
L37A	Phoenix Point,	31.44 350	P	P	10 06 49.0 -1.3
X14A	Shullsburg	31.46 355	P	P	10 06 49.2 -1.4
K41A	Snowlake	31.47 321	eP	P	10 06 52.1 +1.1
K42A	Prairie Point,	31.56 356	P	P	10 06 50.4 -1.0
K40A	Colesburg	31.63 354	P	P	10 06 50.7 -1.4
M33A	Taylor Creek F	31.65 345	P	P	10 06 51.2 -1.1
K39A	Delwin	31.73 353	P	P	10 06 51.0 -1.9
W18A	Petrified Fore	31.73 322	eP	P	10 06 53.9 +0.6
W18A	Petrified Fore	31.73 322	eP	P	10 06 54.7 +1.3
BGNE	Belgrade	31.75 343	P	P	10 06 51.6 -1.6
BGNE	Belgrade	31.75 343	eP	P	10 06 52.5 -0.7
JFWS	Jewell Farm	31.75 355	P	P	10 06 51.9 -1.3
JFWS	Jewell Farm	31.75 355	eP	P	10 06 51.9 -1.3
L34A	Svensden Farm,	31.82 346	P	P	10 06 52.4 -1.4

S22A	4UR Ranch, Cre	32.04 329	P	P	10 06 56.2 +0.1
S22A	4UR Ranch, Cre	32.04 329	eP	P	10 06 57.0 +0.9
S22A	Belmond	32.04 350	eP	P	10 09 47.0 +2.2
K37A	Belmond	32.04 350	P	P	10 06 54.5 -1.1
J42A	Columbus	32.08 357	P	P	10 06 54.8 -1.3
J43A	Natural Harves	32.11 358	P	P	10 06 54.4 -1.9
J41A	Loganville	32.19 355	P	P	10 06 55.7 -1.2
L33A	Hoskins	32.22 345	P	P	10 06 56.2 -1.1
BINY	Binghamton	32.28 15	P	P	10 06 57.0 -0.7
BINY	Binghamton	32.28 15	eP	P	10 06 57.8 0.0
J40A	Soldiers Grove	32.28 354	P	P	10 06 56.6 -1.2
X16A	Lo Mia Camp, P	32.33 320	eP	P	10 06 59.8 +1.2
J39A	Decorah	32.33 353	P	P	10 06 56.4 -1.8
J38A	Wedel Dairy, R	32.41 352	P	P	10 06 57.1 -1.8
K34A	Le Miers	32.44 347	P	P	10 06 57.6 -1.6
MVCO	Mesa Verde	32.51 326	P	P	10 07 00.4 +0.2
MVCO	Mesa Verde	32.51 326	eP	P	10 07 00.8 +0.6
MVCO	Mesa Verde	32.51 326	eP	P	10 09 47.8 +1.8
I43A	Langenfied Bro	32.60 358	P	P	10 06 59.6 -1.0
I42A	Drager Farm,	32.64 357	P	P	10 06 59.6 -1.3
J36A	Seneca 1, Swea	32.71 350	P	P	10 07 00.2 -1.3
I40A	Norwalk	32.76 355	P	P	10 07 00.5 -1.5
ACTO	Acton	32.81 9	P	P	10 07 00.6 -1.8
I39A	Houston	32.82 354	P	P	10 07 00.7 -1.7
K32A	Verdige	32.87 345	P	P	10 07 02.0 -0.9
I41A	Arkdale	32.87 356	P	P	10 07 01.3 -1.6
I13A	Mohawk Valley,	32.88 315	eP	P	10 09 49.5 +2.7
LP4Z	La Paz	32.89 146	eP	P	10 07 06.7 +2.6
WU4Z	Wupatki	32.99 321	eP	P	10 07 05.2 +0.9
WU4Z	Wupatki	32.99 321	eP	P	10 09 49.6 +2.3
K31A	O'Neill	33.04 344	P	P	10 07 04.4 -0.1
SMCO	Snowmass	33.22 331	eP	P	10 07 07.7 +1.2
I37A	Lemond, Waseca	33.22 351	P	P	10 07 04.7 -1.3
H42A	Shiocton	33.24 358	P	P	10 07 04.6 -1.5
BRYW	Bryant College	33.36 21	eP	P	10 07 08.0 +0.8
H41A	Junction City	33.41 356	P	P	10 07 06.2 -1.4
H40A	Chillicothe	33.47 355	P	P	10 07 06.6 -1.6
ECSD	EROS Data Cent	33.55 347	P	P	10 07 06.8 -2.1
ECSD	EROS Data Cent	33.55 347	eP	P	10 07 07.6 -1.3
H39A	Augusta	33.61 354	P	P	10 07 07.6 -1.8
PV10	Paradox Valley	33.66 327	eP	P	10 07 10.2 +0.1
H38A	Maiden Rock	33.72 353	P	P	10 07 08.7 -1.6
H36A	Jessenland, H	33.85 351	P	P	10 07 10.1 -1.4
G42A	Mountain	33.97 358	P	P	10 07 10.8 -1.7
SADO	Sadowa	34.08 10	eP	P	10 07 12.8 -0.6
SADO	Sadowa	34.08 10	eP	P	10 07 13.0 -0.4
G40A	Rib Lake	34.10 356	P	P	10 07 12.2 -1.4
H35A	Sunnyside Ranc	34.12 350	P	P	10 07 12.2 -1.6
G38A	Ridgeland	34.15 353	P	P	10 07 12.2 -1.9
G39A	Holcombe	34.20 354	P	P	10 07 12.7 -1.8
SPMN	Marine on St.	34.32 352	P	P	10 07 13.8 -1.7
SPMN	Marine on St.	34.32 352	eP	P	10 07 14.2 -1.3
F45A	CMU Biological	34.39 1	P	P	10 07 15.6 -0.5
G36A	St. Michael	34.47 351	P	P	10 07 15.4 -1.4
H32A	Carlson Farm,	34.47 346	P	P	10 07 15.2 -1.7
H33A	Prehn Over Nor	34.48 347	P	P	10 07 15.2 -1.8
F41A	Three Lakes	34.49 357	P	P	10 07 15.5 -1.6
F43A	Flat Rock, Esc	34.53 359	P	P	10 07 15.6 -1.7
BC3	Big Chucackall	34.55 315	P	P	10 07 18.6 +0.8
O20A	White River Ci	34.58 330	P	P	10 07 18.7 +0.6
O20A	White River Ci	34.58 330	eP	P	10 07 19.3 +1.2
F44A	Big Bay Noc	34.67 0	P	P	10 07 17.3 -1.2
H31A	Wolsey	34.70 345	P	P	10 07 17.3 -1.5
F40A	Park Falls	34.74 356	P	P	10 07 17.4 -1.7
SUSD	Miller	34.79 345	P	P	10 07 18.3 -1.3
F37A	Hinrichs Farm,	34.79 353	P	P	10 07 18.0 -1.6
F39A	Loretta	34.80 355	P	P	10 07 18.0 -1.7
MONPZ	Monument Peak	34.82 313	P	P	10 07 22.0 +1.7
COWI	Conover	34.86 357	eP	P	10 07 18.8 -1.3
G33A	Ortonville	34.91 348	P	P	10 07 18.9 -1.7
F38A	Pierce - Schro	34.94 354	P	P	10 07 19.0 -1.8
F36A	Milaca	35.05 352	P	P	10 07 19.7 -2.1
E43A	Lone Tree Farm	35.07 360	P	P	10 07 20.2 -1.8
E42A	Champion	35.14 359	P	P	10 07 21.2 -1.4
MTPU	Mount Pierson	35.16 324	eP	P	10 07 25.4 +2.1
G32A	Webster	35.19 347	P	P	10 07 21.8 -1.3
F35A	Swanville	35.20 350	P	P	10 07 21.5 -1.6
E41A	Kenton	35.21 357	P	P	10 07 21.3 -1.8
E39A	Mellen	35.23 355	P	P	10 07 22.1 -1.2
PFO	Pinon Flats O	35.23 314	P	P	10 07 25.3 +1.7
E40A	Wakefield	35.24 356	P	P	10 07 21.2 -2.3
SZCU	Shurtz Canyon	35.40 322	eP	P	10 07 25.5 +0.3
F33A	5 Mile Ranch,	35.50 348	P	P	10 07 24.0 -1.7
E38A	The Farm, Brul	35.54 354	P	P	10 07 24.0 -2.0
E36A	McGregor	35.65 352	P	P	10 07 24.7 -2.2
MURC	Murrieta	35.74 313	P	P	10 07 30.1 +2.2
HEC	Hector,Ludlow	35.80 316	P	P	10 07 29.8 +1.2

E35A	Pequot Lakes	35.86 351	P	P	10 07 27.2 -1.5
E34A	Wadena	35.94 350	P	P	10 07 27.7 -1.7
D37A	Cotton	36.18 353	P	P	10 07 29.9 -1.5
PB01	IPOC Station P	36.21 152	eP	P	10 07 36.0 +3.9
D36A	Goodland	36.29 353	P	P	10 07 30.1 -2.3
D35A	Remer	36.31 351	P	P	10 07 30.4 -2.2
PSUT	Spring	36.47 323	eP	P	10 07 34.5 +0.1
D34A	Park Rapids	36.50 350	P	P	10 07 32.3 -1.9
D33A	AnnSam, Waubun	36.66 349	P	P	10 07 34.3 -1.4
C37A	Embarrass	36.72 354	P	P	10 07 34.6 -1.4
C36A	Pine Crest Far	36.82 353	P	P	10 07 35.9 -1.0
C35A	Jirik Farms, M	36.91 352	P	P	10 07 35.6 -2.1
EDW2	Edwards Air Fo	36.98 315	P	P	10 07 38.3 -0.2
C34A	RKJ Ranch, Bem	37.00 351	P	P	10 07 36.2 -2.2
SIV	San Ignacio	37.03 136	P	P	10 07 39.3 +0.2
PD31	San Ignacio	37.24 327	eP	P	10 07 40.2 -0.7
PDAR	Pinedale Array	37.24 332	eP	P	10 07 40.2 -0.7
PDAR	Pinedale Array	37.24 332	eP	P	10 10 00.3 +0.7
PDAR	Pinedale Array	37.24 332	eP	P	10 13 49.0 +6.9
DAC	Darwin (Calif)	37.46 317	eP	P	10 10 00.0 -0.4
C31A	Landman				

SONM	Songio Array	7.76 117	Pn	Pn	11 09 33.6	-0.8
SONM	comp=Z,0.9nm,0.3s,baz=300,slow=15,SNR=26					
SONM	comp=Z,1.1nm,0.3s,baz=300,slow=16,SNR=49					
SONM	comp=Z,1.4nm,0.3s,baz=300,slow=24,SNR=4.2					
SONM	comp=Z,58nm,0.3s,baz=300,slow=29,SNR=11					
SONM	comp=Z,1.2m,21.4s,baz=306,slow=39					
I34MN	SONGINO INFRAS	7.79 117	i		11 52 10.0	
ULN	Ulaanbaatar	8.11 115	eP	Pn	11 09 39.3	0.0
ULN	Ulaanbaatar	8.11 115	ePn	Pn	11 09 39.3	0.0
ULN	Ulaanbaatar	8.11 115	Pn	Pn	11 09 41.2	+1.9
ULN	Ulaanbaatar	8.11 115	P	Pn	11 09 41.2	+1.9
NVS	Novosibirsk	8.27 297	eP	Pn	11 09 43.7	+2.4
NVS	Novosibirsk	8.27 297	e	Pn	11 11 13.6	
NVS	Novosibirsk	8.27 297	ePn	Pn	11 09 42.6	+1.4
NVS	Novosibirsk	8.27 297	eP	Pn	11 10 12.3	-7.1
NVS	Novosibirsk	8.27 297	eSg	Pn	11 11 56.1	-1.0
SVYR	Suvo	8.65 72	eP	Pn	11 09 47.0	+0.5
SVYR	comp=Z,152nm,1.3s					
YLVR	Ulyukhkan	9.53 65	eP	Pn	11 09 59.2	+0.7
WMQ	Urumqi	9.77 218	P	Pn	11 10 03.8	+1.9
WMQ	comp=Z,240nm,0.9s					
WMQ	comp=Z,790nm,3.7s					
WMQ	comp=Z,2.2um,1.3s					
WMQ	comp=Z,2.2um,0.9s					
WMQ	comp=Z,5.5um,5.7s					
WMQ	comp=Z,8.7um,7.1s					
WMQ	comp=Z,3.3um,18.3s					
SEM	Semipalatinsk	10.06 268	eP	Pn	11 10 05.2	-0.8
SEM	comp=Z,1.1um,1.0s					
SEM	comp=Z,598nm,10.2s					
MK31	Makanchi Array	10.30 246	eP	Pn	11 10 08.4	-0.8
MK31	Makanchi Array	10.30 246	ePn	Pn	11 10 08.4	-0.8
MKAR	Makanchi Array	10.30 246	ePn	Pn	11 10 08.4	-0.7
MKAR	comp=Z,1.4nm,0.3s,baz=76,slow=13,SNR=94					
MKAR	comp=Z,4.9nm,0.3s,baz=62,slow=14,SNR=5.5					
MKAR	comp=Z,7.2nm,0.3s,baz=71,slow=30,SNR=7.1					
MKAR	comp=Z,2.2um,21.9s,baz=49,slow=39					
MK01	Makanchi Array	10.31 246	ePn	Pn	11 10 08.0	-1.3
MAKZ	Makanchi	10.47 247	eP	Pn	11 10 10.7	-0.8
MAKZ	Makanchi	10.47 247	ePn	Pn	11 10 10.7	-0.8
KURK	Kurchatov	11.00 271	eP	Pn	11 10 19.1	+0.5
KURK	Kurchatov	11.00 271	ePn	Pn	11 10 19.1	+0.5
KURK	Kurchatov	11.00 271	Lg	Pn	11 13 22.9	
KURK	Kurchatov	11.00 271	Pn	Pn	11 10 19.6	+1.0
KURK	Kurchatov	11.00 271	P	Pn	11 10 19.6	+1.0
KURBB	Kurchatov Arra	11.08 271	Pn	Pn	11 10 20.7	+1.0
KURBB	comp=Z,0.4nm,0.3s,baz=78,slow=15,SNR=38					
KURBB	comp=Z,0.6nm,0.3s,baz=82,slow=32,SNR=5.2					
BOD	Boдайbo	11.95 53	eP	Pn	11 10 29.3	-2.2
GTA	Godaitai	12.66 167	iP	Pn	11 10 41.3	-0.2
GTA	comp=Z,6.0nm,1.0s					
GTA	comp=Z,340nm,4.3s					
GTA	comp=Z,6.9um,9.0s					
GTA	comp=Z,7.7um,9.3s					
GTA	comp=Z,6.9um,9.3s					
GTA	comp=Z,3.24nm,0.6s					
PDGK	Podgornoye	14.02 239	P	Pn	11 10 58.3	-1.8
PDGK	comp=Z,75nm,1.0s					
SHLS	Shalkode	14.15 239	eP	Pn	11 10 56.8	-5.1
SHLS	comp=Z,518nm,1.0s					
SHLS	comp=Z,251nm,10.5s					
UZB	Uzymbulak	14.40 240	eP	Pn	11 11 02.6	-2.6
UZB	comp=Z,320nm,0.8s					
ZHN	Zhinshke	14.70 241	eP	Pn	11 11 07.3	-2.1
ZHN	comp=Z,59nm,0.8s					
ZHN	comp=Z,286nm,12.0s					
BTO	Baotou	14.75 134	eP	Pn	11 11 08.8	-1.2
BTO	comp=Z,700nm,7.4s					
BTO	comp=Z,700nm,6.9s					
SATY	Saty	14.79 241	eP	Pn	11 11 08.5	-2.0
SATY	comp=Z,477nm,1.0s					
SATY	comp=Z,286nm,10.8s					
HIA	Hailar	15.24 90	eP	Pn	11 11 17.6	+1.2
HIA	comp=Z,194nm,1.1s					
HIA	Hailar	15.24 90	ePn	Pn	11 11 17.6	+1.2
HIA	comp=Z,194nm,1.1s					
HHC	Hu-ho-hao-te	15.27 130	eP	Pn	11 11 17.0	0.0
HHC	comp=Z,1.6nm,0.3s,baz=82,slow=10,SNR=28					
HHC	comp=Z,651nm,1.6s					
HHC	comp=Z,15nm,0.7s					
HHC	comp=Z,330nm,5.3s					
HHC	comp=Z,3.3um,8.0s					
HHC	comp=Z,3.3um,6.8s					
HHC	comp=Z,3.3um,8.6s					
KUU	Kurty	15.40 247	iP	Pn	11 11 16.4	-2.3
KUU	comp=Z,454nm,1.4s					
KUU	comp=Z,411nm,8.6s					
MDOK	Medeo	15.46 244	eP	Pn	11 11 17.1	-2.4
MDOK	comp=Z,333nm,1.0s					
MDOK	comp=Z,716nm,16.0s					
AAA	Alma-Ata	15.51 244	eP	Pn	11 11 19.9	-0.2
AAA	comp=Z,1.1um,4.7s					
AAA	comp=Z,6.5nm,6.0s					
AAA	comp=Z,651nm,1.6s					
AAA	comp=Z,651nm,9.8s					
BRVK	Borovoye Array	15.70 285	Pn	Pn	11 11 21.4	-1.1
BRVK	comp=Z,1.6nm,0.3s,baz=82,slow=10,SNR=28					
BRVK	Borovoye	15.76 285	eP	Pn	11 11 22.4	-0.8
BRVK	comp=Z,65nm,0.8s					
BRVK	Borovoye	15.76 285	ePn	Pn	11 11 22.4	-0.8
BRVK	comp=Z,65nm,0.8s					
BRVK	Borovoye	15.76 285	Pn	Pn	11 11 26.4	-0.8
BRVK	SNR=22					
BRVK	Borovoye	15.76 285	P	P	11 11 26.4	-0.8
BRVK	SNR=22					

BMNS	Besmoynak	16.27 246	eP	Pn	11 11 27.6	-2.4
BMNS	comp=Z,825nm,1.0s					
TKM2	Tokm2	16.43 245	P	Pn	11 11 30.4	-1.8
TKM2	comp=Z,485nm,9.2s					
ULHL	Ulahol	16.52 242	P	P	11 11 35.4	-0.5
ULHL	SNR=17					
LZH	Lanzhou	16.66 158	iP	Pn	11 11 34.0	-1.0
LZH	comp=Z,100nm,1.1s					
LZH	comp=Z,880nm,4.5s					
LZH	comp=Z,6.6um,9.3s					
LZH	comp=Z,5.5um,9.0s					
LZH	comp=Z,6.6um,10.8s					
USP	Ospenovka	16.84 248	P	Pn	11 11 36.8	-0.3
USP	SNR=16					
CHMS	Chumysh	16.86 247	P	Pn	11 11 36.6	-0.8
KBK	Karagaybulak	16.97 246	P	P	11 11 41.0	+0.1
FRU	Bishkek	17.05 247	eP	Pn	11 11 40.0	+0.3
FRU	comp=Z,200nm,1.6s					
FRU	comp=Z,5.5um,8.0s					
KZA	Kyzart	17.18 244	P	Pn	11 11 41.1	-0.7
AAK	Ala-Archa	17.24 246	P	Pn	11 11 40.4	-1.9
AAK	comp=E,0.4nm,0.3s,baz=53,slow=11,SNR=17					
AAK	comp=E,0.1nm,0.3s,baz=218,slow=16,SNR=6.5					
AAK	comp=E,1.1um,20.9s,baz=30,slow=38					
AAK	Ala-Archa	17.24 246	eP	Pn	11 11 40.4	-1.9
AAK	comp=Z,30nm,0.9s					
AAK	Ala-Archa	17.24 246	P	Pn	11 11 40.4	-1.9
AAK	SNR=16					
AAK	Ala-Archa	17.24 246	ePn	Pn	11 11 40.4	-1.9
AAK	comp=Z,30nm,0.9s					
AAK	Ala-Archa	17.24 246	Pn	Pn	11 16 40.6	
AAK	SNR=22					
AAK	Ala-Archa	17.24 246	P	Pn	11 11 40.7	-1.5
AAK	SNR=22					
CLNS	Chul'man	17.47 62	eP	Pn	11 11 46.0	-0.1
CLNS	comp=Z,37nm,1.0s					
CLNS	comp=E,35nm,1.0s					
CLNS	comp=N,19nm,0.9s					
CLNS	comp=N,17nm,0.9s					
CLNS	comp=N,508nm,9.0s					
CLNS	comp=Z,891nm,9.0s					
CLNS	comp=E,890nm,11.0s					
UCH	Uchtor	17.49 245	P	Pn	11 11 44.8	-0.9
UCH	SNR=43					
EKS2	Erkin-Say	17.63 248	P	Pn	11 11 45.5	-1.7
AML	Almayashu	18.02 246	P	P	11 11 53.4	+0.7
BJI	Beijing	18.20 122	P	Pn	11 11 51.0	-2.9
BJI	comp=E,38nm,1.0s					
BJI	comp=E,3.3um,12.4s					
BJI	comp=E,3.3um,11.6s					
BJI	comp=E,1.1um,60.8s					
BJT	Bajitauu	18.21 122	eP	Pn	11 11 52.2	-1.9
BJT	comp=Z,34nm,0.9s					
BJT	Bajitauu	18.21 122	ePn	Pn	11 11 52.1	-1.9
BJT	comp=Z,34nm,0.9s					
MNAS	Manas	18.48 249	P	P	11 11 56.3	-1.1
MNAS	comp=Z,41nm,1.7s					
KSH	Kashi	18.59 237	P	Pn	11 12 04.0	+5.1
KSH	comp=Z,920nm,5.8s					
KSH	comp=Z,970nm,6.8s					
KSH	comp=Z,1.1um,6.9s					
KSH	comp=Z,770nm,6.9s					
ZEA	Zeya	18.88 72	eP	Pn	11 12 03.8	+1.6
ZEA	comp=E,130nm,2.0s					
ZEA	comp=Z,130nm,2.0s					
ZEA	comp=E,2.2um,7.0s					
KKAR	Karatay Array	19.28 253	eP	P	11 12 04.3	-1.8
KKAR	Karatay Array	19.28 253	eP	P	11 12 04.2	-1.8
SFK	Suifi-Kurgan	19.55 242	P	P	11 12 08.9	-0.4
SFK	comp=Z,64nm,1.1s					
XAN	Xi'an	20.03 147	P	P	11 12 13.3	-1.1
XAN	comp=Z,24nm,1.2s					
XAN	comp=Z,340nm,4.1s					
XAN	comp=Z,3.3um,10.8s					
XAN	comp=Z,2.2um,9.8s					
XAN	comp=Z,2.2um,10.9s					
CHM	Chimkent	20.28 253	eP	P	11 12 15.6	-1.4
CHM	comp=Z,349nm,12.9s					
YAK	Yakutsk	20.75 47	P	P	11 12 21.8	-0.2
YAK	comp=Z,79nm,0.7s,baz=283,slow=0.4,SNR=12					
YAK	comp=Z,1.1um,20.8s,baz=270,slow=38					
YAK	Yakutsk	20.75 47	eP	Pn	11 12 24.6	+0.3
YAK	comp=Z,1.1um,20.8s,baz=270,slow=38					
YAK	Yakutsk	20.75 47	ePP	Pn	11 12 28.2	+2.9
YAK	comp=Z,1.1um,20.8s,baz=270,slow=38					
YAK	Yakutsk	20.75 47	eS	Pn	11 16 18.6	+0.3
YAK	Yakutsk	20.75 47	eSS	Pn	11 16 24.6	+3.3
YAK	Yakutsk	20.75 47	e	Pn	11 16 29.0	
YAK	Yakutsk	20.75 47	eSS	Pn	11 16 36.2	+3.4
YAK	Yakutsk	20.75 47	eSSS	Pn	11 16 51.9	
YAK	Yakutsk	20.75 47	e	Pn	11 23 51.9	
YAK	comp=Z,50nm,1.0s					

YAK	comp=E,32nm,1.4s								
YAK	comp=N,30nm,1.2s								
YAK	comp=Z,80nm,1.1s								
YAK	comp=N,29nm,1.1s								
YAK	comp=E,125nm,1.8s								
YAK	comp=E,38nm,1.4s								
YAK	comp=N,41nm,1.6s								
YAK	comp=Z,1.1um,7.0s								
YAK	comp=E,828nm,9.0s								
YAK									

DAWY Dawson	56.68	26	eP	P	11 17 24.1	-0.4	
AVF Avril sur Loir	56.69	305	eP	P	11 17 24.1	-0.6	
AVF			pmx	pmx			
DSB Dublin	56.91	316	eP	P	11 17 28.4	+2.3	
ILULI Ilulissat	56.91	347	eP	P	11 17 26.2	+0.3	
ILULI			pmx	pmx			
ILULI	comp=Z,20nm,0.8s						
SSB Saint Sauveur	57.09	303	eP	P	11 17 27.6	0.0	
SSB			pmx	pmx			
SSB	comp=Z,30nm,1.6s						
SSB	comp=Z,30nm,1.6s						
KDAK Kodiak Island	57.26	36	P	P	11 17 29.5	+1.0	
BMRM Bremner River	57.59	30	eP	P	11 17 31.2	+0.3	
BMRM	comp=Z,20nm,1.0s						
CAF Calviac	58.62	304	eP	P	11 17 42.2	+3.8	
CAF			pmx	pmx			
ATD Arta Tunnel	58.67	247	LR	LR	11 44	13.8	
ATD	comp=Z,114nm,20.4s,baz=76,slow=37						
SFJD Kangerlussuaq	58.88	345	P	P	11 17 39.0	-0.8	
SFJD	comp=Z,25nm,0.9s,baz=35,slow=5.5,SNR=12						
SFJD	comp=Z,111nm,18.6s,baz=22,slow=39						
SFJD	Kangerlussuaq	58.88	345	eP	P	11 17 41.5	+1.7
SFJD			pmx	pmx			
SFJD	comp=Z,42nm,1.0s						
SFJD	Kangerlussuaq	58.88	345	iP	P	11 17 38.4	-1.4
SFJD	comp=Z,34nm,1.0s						
SFJD	Kangerlussuaq	58.88	345	eP	P	11 17 41.5	+1.7
SFJD	comp=Z,42nm,1.0s						
PCA Pinnacle	59.61	29	eP	P	11 17 46.0	+0.9	
PCA	comp=Z,37nm,0.8s						
HYT Haines Junction	59.82	27	eP	P	11 17 46.4	-0.1	
HYT	comp=Z,34nm,0.9s						
KPJI Karanq Pucung	59.92	165	P	P	11 17 45.3	-2.2	
KPJI	comp=Z,24nm,1.3s						
WHY Whitehorse	60.69	26	eP	P	11 17 52.3	-0.2	
WHY	comp=Z,5.5nm,1.0s						
WHY	Keora	61.02	292	P	11 26 10.9	+2.1	
WHY	comp=Z,10nm,0.9s,baz=333,slow=3.8,SNR=6.1						
KSTG Skagway	61.56	27	eP	P	11 17 58.7	+0.4	
KSTG	comp=Z,14nm,0.9s						
YKA Yellowknife Ar	63.49	15	P	P	11 18 10.1	-1.0	
YKA	comp=Z,3.8nm,0.7s,baz=339,slow=7.2,SNR=31						
YKA	comp=Z,1.1nm,0.7s,baz=341,slow=4.4,SNR=7.3						
YKA	comp=Z,0.8nm,0.8s,baz=145,slow=2.5,SNR=8.8						
YKA	comp=Z,1.1nm,19.5s,baz=0,slow=38						
PBRG Braganca	65.32	307	eP	P	11 18 24.2	+0.7	
PBRG	comp=Z,42nm,1.7s						
ES19 SONSECA Array	65.44	303	eP	P	11 18 24.4	+0.1	
ESDC Sonseca Array	65.49	303	P	P	11 18 25.1	+0.5	
ESDC	comp=Z,10.0nm,0.7s,baz=42,slow=6.5,SNR=45						
ESLA Sonseca Array	65.49	303	eP	P	11 18 25.5	+0.9	
ESLA	comp=Z,10.0nm,0.9s						
PAB San Pablo	65.79	304	eP	P	11 18 27.0	+0.4	
PAB	comp=Z,6.0nm,0.8s						
PAB	San Pablo	65.79	304	eP	P	11 18 27.0	+0.4
PAB	comp=Z,5.9nm,0.8s						
MVO Moncorvo	65.94	306	eP	P	11 18 28.3	+0.8	
MVO	comp=Z,2.1nm,1.5s						
PCAB Cabril	66.03	307	eP	P	11 18 29.2	+1.2	
PCAB	comp=Z,14nm,1.5s						
POLO Lamas de Olo	66.17	307	eP	P	11 18 29.8	+0.8	
POLO	comp=Z,14nm,1.5s						
BATI Baumata	66.18	150	P	P	11 18 26.7	-2.5	
BATI	comp=Z,17nm,1.5s						
PVIS Viseu	66.71	307	eP	P	11 18 35.1	+2.6	
PVIS	comp=Z,22nm,1.6s						
MTE Mantelto	66.78	306	eP	P	11 18 36.3	+3.4	
MTE	comp=Z,22nm,1.6s						
PMRV Marv??o	67.43	305	eP	P	11 18 36.8	-0.2	
PMRV	comp=Z,20nm,1.8s						
PCAS Casimio, Conde	67.52	306	eP	P	11 18 38.4	+0.9	
PCAS	comp=Z,20nm,1.7s						
PESTR Estremoz	67.96	305	eP	P	11 18 40.8	+0.5	
PESTR	comp=Z,20nm,1.6s						
PESTR	Estremoz	67.96	305	eP	P	11 18 41.0	+0.6
PESTR	comp=Z,8.3nm,1.1s						
PMTG Montargil	68.13	306	eP	P	11 18 41.8	+0.5	
PMTG	comp=Z,19nm,1.8s						
PBAR Barrancos	68.20	304	eP	P	11 18 42.6	+0.8	
PBAR	comp=Z,5.5nm,1.4s						
EVO Evora	68.43	305	eP	P	11 18 44.0	+0.8	
EVO	comp=Z,2.8nm,1.7s						
PBEJ Beja	68.74	305	eP	P	11 18 45.5	+0.3	
PBEJ	comp=Z,2.1nm,1.8s						
PNCL Nicolau / Grat	69.01	305	eP	P	11 18 48.2	+1.3	
PNCL	comp=Z,43nm,1.7s						
PCVE Castro Verde	69.13	305	eP	P	11 18 48.8	+1.2	
PCVE	comp=Z,20nm,1.3s						
PVAQ Vaqueiros	69.14	304	eP	P	11 18 48.6	+0.9	
PVAQ	comp=Z,24nm,0.9s						
PBDV Barranco-do-Ve	69.37	304	eP	P	11 18 48.9	-0.3	
PBDV	comp=Z,36nm,1.3s						
BBB Bella Bella	69.91	27	eP	P	11 18 53.8	+1.7	
BBB	comp=Z,14nm,1.4s						
KMBO Kilima Mbogo	72.18	244	LR	LR	11 52	08.7	
KMBO	comp=Z,94nm,18.9s,baz=280,slow=37						
EDM Edmonton	72.47	18	eP	P	11 19 07.7	-0.1	
EDM	comp=Z,16nm,0.8s						
EDM	Edmonton	72.47	18	eP	P	11 19 07.7	-0.1
EDM	comp=Z,16nm,0.8s						
TAM Tamarrasset	72.76	285	eP	P	11 19 10.4	+0.3	
TAM	comp=Z,6.0nm,0.7s						
TAM	Tamarrasset	72.76	285	eP	P	11 19 10.4	+0.3
TAM	comp=Z,6.1nm,0.7s						
FFC Flin Flon	72.78	11	eP	P	11 19 08.8	-0.7	
FFC	comp=Z,7.0nm,0.8s						
FFC	Flin Flon	72.78	11	eP	P	11 19 08.8	-0.7
FFC	comp=Z,7.1nm,0.8s						
SCHO Schefferville	72.79	350	P	P	11 19 08.4	-1.2	
SCHO	comp=Z,2.1nm,0.9s,baz=35,slow=5.2,SNR=14						
SCHO	comp=Z,135nm,20.3s,baz=354,slow=37						
SCHO	Schefferville	72.79	350	eP	P	11 19 08.7	-0.9
SCHO	comp=Z,47nm,1.1s						
FITZ Fitzroy Crossi	74.23	151	eP	P	11 19 17.1	-1.2	
FITZ	comp=Z,9.7nm,0.9s						
MBWA Marble Bar	75.54	157	eP	P	11 19 24.7	-1.2	
MBWA	comp=Z,16nm,0.9s						
B08A Colville Reser	75.73	24	eP	P	11 19 26.9	0.0	
B08A	comp=Z,11nm,1.0s						
WALA Waterlon Lakes	76.21	20	eP	P	11 19 30.3	0.0	
WALA	comp=Z,8.2nm,1.0s						
NEW Newport	76.35	22	eP	P	11 19 29.4	-1.0	
NEW	comp=Z,2.4nm,0.7s,baz=336,slow=6.0,SNR=3.2						
NEW	Newport	76.35	22	eP	P	11 19 29.6	-0.9
NEW	comp=Z,340						
C09A Christman Ranch	76.51	23	eP	P	11 19 31.7	+0.4	
C09A	comp=Z,9.3nm,0.5s						
JTMT Jette	77.48	20	eP	P	11 19 37.3	+0.4	
JTMT	comp=Z,18nm,0.9s						
E08A Dider Farm, E	77.53	24	eP	P	11 19 37.5	+0.4	
E08A	comp=Z,24nm,1.5s						
ULM Lac du Bonnet	77.82	8	P	P	11 19 37.8	-0.8	
ULM	comp=Z,5.4nm,0.7s,baz=356,slow=6.1,SNR=12						
ULM	comp=Z,127nm,21.5s,baz=303,slow=36						
ULM	Lac du Bonnet	77.82	8	eP	P	11 19 37.3	-1.3
ULM	comp=Z,8.3nm,0.8s						
MSO Missoula	78.42	21	eP	P	11 19 41.4	-0.7	
MSO	comp=Z,10nm,1.1s						
MSO	Missoula	78.42	21	eP	P	11 19 42.4	+0.3
MSO	comp=Z,10nm,1.1s						
F10A Beach Ranch, E	78.47	23	eP	P	11 19 42.9	+0.5	
F10A	comp=Z,18nm,1.1s						
DGMT Dagmar	78.61	14	eP	P	11 19 42.5	-0.6	
DGMT	comp=Z,347						
DGMT	Dagmar	78.61	14	eP	P	11 19 43.1	+0.1
DGMT	comp=Z,18nm,0.9s						
WRAB Tennant Creek	78.87	144	eP	P	11 19 43.2	-1.4	
WRAB	comp=Z,18nm,1.0s						
WRAB	Tennant Creek	78.87	144	eP	P	11 19 43.2	-1.4
WRAB	comp=Z,18nm,1.0s						

WRA Warramunga Arr	78.88	144	P	P	11 19 42.6	-2.1	
WRA	comp=Z,11nm,1.0s,baz=344,slow=6.0,SNR=46						
WC3 Warramunga Arr	78.90	144	eP	P	11 19 43.1	-1.7	
WC3	comp=Z,23nm,1.8s						
A32A Rocking H Ranc	79.09	8	P	P	11 19 45.0	-0.6	
A32A	comp=Z,352						
A33A Warrad	79.16	8	P	P	11 19 44.5	-1.5	
A33A	comp=Z,353						
B31A Greenbush Farm	79.46	9	P	P	11 19 46.2	-1.5	
B31A	comp=Z,351						
BMO Blue Mountains	79.50	23	eP	P	11 19 47.9	-0.2	
BMO	comp=Z,8.0nm,1.0s						
BMO	Blue Mountains	79.50	23	eP	P	11 19 47.9	-0.2
BMO	comp=Z,8.2nm,1.0s						
B32A Ashes, Strandj	79.60	9	P	P	11 19 47.1	-1.3	
B32A	comp=Z,352						
B34A Aery, Baudette	79.67	7	P	P	11 19 47.3	-1.5	
B34A	comp=Z,351						
AGMN Agassiz Nation	79.76	8	P	P	11 19 47.9	-1.4	
AGMN	comp=Z,352						
AGMN	Agassiz Nation	79.76	8	eP	P	11 19 50.1	+0.9
AGMN	comp=Z,8.2nm,1.1s						
B35A Bob, Littlefor	79.86	7	P	P	11 19 49.1	-0.8	
B35A	comp=Z,354						
BOZ Bozeman (W)	80.08	19	eP	P	11 19 51.8	+0.5	
BOZ	comp=Z,9.0nm,1.4s						
BOZ	Bozeman (W)	80.08	19	eP	P	11 19 51.8	+0.5
BOZ	comp=Z,9.2nm,1.4s						
DLMT Dillon	80.11	20	eP	P	11 19 50.8	-0.6	
DLMT	comp=Z,8.2nm,1.0s						
EYMN Ely	80.42	5	P	P	11 19 51.9	-1.0	
EYMN	comp=Z,355						
C35A Jirik Farms, M	80.50	7	P	P	11 19 51.9	-1.4	
C35A	comp=Z,354						
C36A Pine Crest Far	80.53	6	P	P	11 19 52.0	-1.4	
C36A	comp=Z,354						
MCMT McKenzie Canyo	80.56	20	eP	P	11 19 54.0	0.0	
MCMT	comp=Z,25nm,1.1s						
J08A Circle Bar Ran	80.60	25	eP	P	11 19 55.0	+0.9	
J08A	comp=Z,15nm,1.1s						
YBH Yreka Blue Hor	80.93	28	LR	LR	11 59	00.8	
YBH	comp=Z,9.5nm,19.2s,baz=306,slow=38						
YBH	Horse Butte	80.98	19	eP	P	11 19 56.4	+0.2
YBH	comp=Z,8.2nm,1.0s						
RLMT Red Lodge	81.01	18	P	P	11 19 55.4	-0.9	
RLMT	comp=Z,344						
RLMT	Red Lodge	81.01	18	eP	P	11 19 56.7	+0.4
RLMT	comp=Z,20nm,1.4s						
D36A Goodland	81.08	6	P	P	11 19 55.4	-1.0	
D36A	comp=Z,351						
M04C Macdonald	81.14	28	P	P	11 19 56.2	-0.8	
M04C	comp=Z,337						
D37A Cotton	81.15	6	P	P	11 19 55.5	-1.3	
D37A	comp=Z,355						
MFID Camas Ranch	81.22	23	eP	P	11 19 57.6	+0.3	
MFID	comp=Z,11nm,1.2s						
E31A Nome	81.28	10	P	P	11 19 56.5	-1.0	
E31A	comp=Z,351						

26d 11h

N35A	Tabor	87.15	9	P	P	11 20 26.8	-0.6
MTCU	Mount Pierson	87.18	22	eP	P	11 20 28.2	+0.1
SMPO	Snowmass	87.19	18	eP	P	11 20 28.4	+0.3
CCUT	Cedar City	87.37	23	eP	P	11 20 27.6	-1.3
N59A	State Game Lane	87.39	354	P	P	11 20 27.9	-0.7
SZCU	Shurtz Canyon	87.39	23	eP	P	11 20 29.0	+0.1
N39A	Derby Farms, D	87.39	7	P	P	11 20 28.1	-0.5
PV09	Paradox Valley	87.41	20	eP	P	11 20 29.6	+0.5
N38A	Joel South Farm	87.43	7	P	P	11 20 28.3	-0.5
D3AC	Darwin (Calif)	87.47	27	eP	P	11 20 29.8	+0.5
DAC	Darwin (Calif)	87.47	27	eP	P	11 20 29.8	+0.5
N43A	Stutzman Family	87.52	4	P	P	11 20 27.8	-1.4
PV10	Paradox Valley	87.55	20	eP	P	11 20 30.9	+1.2
N54A	Moraine State	87.55	357	P	P	11 20 28.5	-0.9
N54A	Moraine State	87.55	357	eP	P	11 20 29.6	+0.3
N46A	Monticello	87.65	2	P	P	11 20 29.1	-0.7
MPMC	Manual Prospec	87.70	27	P	P	11 20 29.5	-0.9
O33A	Hebron	87.73	10	P	P	11 20 29.7	-0.6
SSPA	Standing Stone	87.79	355	P	P	11 20 29.9	-0.6
ISA	Isabella, Lake	87.79	28	P	P	11 20 30.1	-0.6
PV01	Paradox Valley	87.88	19	eP	P	11 20 31.7	+0.4
SHPR	Sheep Range	87.91	25	eP	P	11 20 31.9	+0.5
LCMT	Little Creek M	87.91	23	eP	P	11 20 30.9	-0.5
O36A	Bolckow	87.94	8	P	P	11 20 30.7	-0.5
O37A	Wolven Farm, M	87.97	8	P	P	11 20 30.5	-0.9
O39A	Kirkville	88.01	7	P	P	11 20 30.9	-0.7
O38A	Galt	88.08	7	P	P	11 20 31.8	-0.1
KSCO	Kaye Shedlock	88.10	14	P	P	11 20 32.1	-0.1
KSCO	Kaye Shedlock	88.10	14	P	P	11 20 32.8	+0.6
SFIN	Lafayette	88.15	2	P	P	11 20 31.8	-0.4
SFIN	Lafayette	88.15	2	eP	P	11 20 33.1	+0.9
O56A	Blue Knob Stat	88.19	356	P	P	11 20 32.1	-0.4
O40A	La Belle	88.19	6	P	P	11 20 31.6	-0.9
O41A	Passleys Farm,	88.26	5	P	P	11 20 32.3	-0.4
O45A	Potomac	88.27	3	P	P	11 20 32.3	-0.4
O47A	Sheridan	88.32	2	P	P	11 20 32.2	-0.9
P34A	Walnut Farm, R	88.33	10	P	P	11 20 32.7	-0.5
ACSO	Alum Creek Sta	88.34	359	P	P	11 20 32.7	-0.4
ACSO	Alum Creek Sta	88.34	359	eP	P	11 20 32.9	-0.2
P36A	Good Intent, A	88.42	9	P	P	11 20 33.4	-0.1
P35A	Duane Minner,	88.43	9	P	P	11 20 33.1	-0.5
P37A	Lathrop	88.53	8	P	P	11 20 33.5	-0.5
P38A	Dawn	88.56	7	P	P	11 20 33.5	-0.7
S22A	4UR Ranch, Cre	88.60	18	P	P	11 20 33.7	-1.1
S22A	4UR Ranch, Cre	88.60	18	eP	P	11 20 35.1	+0.3
EDW2	Edwards Air Fo	88.66	27	P	P	11 20 34.1	-0.7
P41A	Barry, Barry	88.69	6	P	P	11 20 34.0	-0.8
U15A	North Rim	88.69	23	eP	P	11 20 35.0	-0.2
CBKS	Cedar Bluff	88.71	12	eP	P	11 20 33.4	-1.6
CBKS	Cedar Bluff	88.71	12	eP	P	11 20 35.2	+0.3
CBKS	Cedar Bluff	88.71	12	eP	P	11 20 35.2	+0.3
P39B	Salisbury	88.76	7	P	P	11 20 34.8	-0.4
P40A	Paris	88.77	6	P	P	11 20 34.6	-0.5
MVCO	Mesa Verde	88.78	19	P	P	11 20 34.6	-1.0
KSU1	Kansas State U	88.80	10	P	P	11 20 34.8	-0.5
KSU1	Kansas State U	88.80	10	eP	P	11 20 35.0	-0.3
P43A	Skaggs, Pawnee	88.80	4	P	P	11 20 35.0	-0.3
P42A	Winchester	88.82	5	P	P	11 20 34.7	-0.7
SDCO	Great Sand Dun	88.85	17	P	P	11 20 34.2	-1.8
SDDO	Great Sand Dun	88.85	17	eP	P	11 20 34.0	-2.0
P46A	Rosedale	88.91	3	P	P	11 20 35.4	-0.4
Q34A	Chapman	88.94	10	P	P	11 20 34.6	-1.4
P45A	Graceland, Par	88.98	3	P	P	11 20 35.6	-0.6
P44A	Sand Creek, Wi	89.01	4	P	P	11 20 36.0	-0.3
P47A	Martinsville	89.06	2	P	P	11 20 35.9	-0.7
Q35A	Mercer Eighty,	89.09	9	P	P	11 20 36.3	-0.5
Q39A	Willow Grove F	89.18	7	P	P	11 20 36.5	-0.7
Q38A	Cooks Store, C	89.22	8	P	P	11 20 37.0	-0.3
Q37A	Longview Farm,	89.23	8	P	P	11 20 37.2	-0.2
Q40A	Laux Farm, Aux	89.30	6	P	P	11 20 37.1	-0.6
BFSC	Mount Baldy Ra	89.36	27	P	P	11 20 37.6	-0.6
BLO	Bloomington	89.37	2	eP	P	11 20 38.0	0.0
BLO	Bloomington	89.37	2	eP	P	11 20 38.0	0.0
Q41A	Truxton	89.39	6	P	P	11 20 37.0	-1.0
GMRC	Granite Mounta	89.40	26	P	P	11 20 37.2	-1.1
Q42A	Golden Eagle	89.48	5	P	P	11 20 38.2	-0.3
Q43A	New Douglas	89.49	5	P	P	11 20 37.9	-0.6
Q46A	CEJHS Indians,	89.50	3	P	P	11 20 38.3	-0.3
R34A	Isabella, Hill	89.52	10	P	P	11 20 38.5	-0.3
BBRC	Big Bear Solar	89.54	27	P	P	11 20 38.3	-0.9
Q44A	Meyer Farm, Va	89.56	4	P	P	11 20 38.6	-0.3
MHTCO	State Highway	89.59	16	eP	P	11 20 40.3	+0.9
Q45A	Warren Harvey,	89.60	3	P	P	11 20 38.9	-0.1
R35A	Emporia Munci	89.61	10	P	P	11 20 39.2	0.0

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Q47A	Bedord North L	89.61	2	P	P	11 20 38.9	-0.2
T25A	Trinidad	89.63	16	P	P	11 20 38.7	-0.9
R36A	Gordon, Harris	89.68	9	P	P	11 20 38.7	-0.8
R37A	Teagarden Farm	89.75	9	P	P	11 20 38.8	-1.0
OLIL	Olney	89.77	3	eP	P	11 20 40.1	+0.2
WUAZ	Wupatki	89.78	22	P	P	11 20 39.6	-0.6
WUAZ	Wupatki	89.78	22	eP	P	11 20 41.0	+0.8
R39A	Chumby, Stover	89.91	7	P	P	11 20 40.1	-0.5
R38A	Gibson Farm,	89.96	8	P	P	11 20 40.0	-0.7
R40A	Maddies Statio	89.98	7	P	P	11 20 40.3	-0.6
R41A	Rosebud	90.04	6	P	P	11 20 41.0	-0.2
MURC	Murrieta	90.09	27	P	P	11 20 40.7	-0.8
R42A	Luebbering	90.09	5	P	P	11 20 41.1	-0.3
S34A	Willow Spring	90.12	10	P	P	11 20 41.2	-0.4
IRM	Iron Mountain	90.13	25	P	P	11 20 40.9	-0.8
R43A	Red Bud	90.14	5	P	P	11 20 40.8	-0.8
R48A	Northridge Ran	90.16	2	P	P	11 20 40.9	-0.8
R45A	Skyer, Fairir	90.20	3	P	P	11 20 41.7	-0.2
R44A	Waltonville	90.21	4	P	P	11 20 41.6	-0.3
S35A	Outer Creek Ra	90.23	10	P	P	11 20 41.2	-0.8
R47A	Wooly Knot Far	90.25	2	P	P	11 20 41.7	-0.4
S36A	Lake Cedric, C	90.26	9	P	P	11 20 41.3	-0.9
SC12	San Clemente I	90.27	29	P	P	11 20 41.7	-0.6
PFO	Pinyon Flats O	90.28	27	P	P	11 20 41.9	-0.7
CCM	Cathedral Cave	90.29	6	P	P	11 20 41.6	-0.7
CCM	Cathedral Cave	90.29	6	eP	P	11 20 42.5	+0.2
CCM	Cathedral Cave	90.29	6	eP	P	11 20 42.5	+0.2
S37A	Fort Scott	90.30	9	P	P	11 20 41.6	-0.7
R46A	Bolckow	90.31	3	P	P	11 20 41.8	-0.6
WCI	Wyandotte Cave	90.32	2	P	P	11 20 41.8	-0.7
WCI	Wyandotte Cave	90.32	2	eP	P	11 20 43.2	+0.8
WCI	Wyandotte Cave	90.32	2	eP	P	11 20 43.2	+0.8
FVM	French Village	90.41	5	eP	P	11 20 43.2	+0.3
FVM	French Village	90.41	5	eP	P	11 20 43.2	+0.3
S39A	Bolckow	90.50	7	P	P	11 20 42.8	-0.5
S38A	Stockton	90.51	8	P	P	11 20 42.6	-0.8
BC3	Big Truckwall	90.52	26	P	P	11 20 42.8	-0.8
S42A	Caledonia	90.60	5	P	P	11 20 42.9	-0.8
S40A	Lebanon	90.66	7	P	P	11 20 43.6	-0.5
S41A	Jillico Farms,	90.72	6	P	P	11 20 43.7	-0.6
S44A	Carbondale	90.75	4	P	P	11 20 43.7	-0.8
S45A	Carrier Mills	90.80	4	P	P	11 20 44.2	-0.4
X16A	Lo Mia Camp, P	90.81	22	eP	P	11 20 44.8	-0.3
S46A	Dotlixon Farm	90.82	3	P	P	11 20 44.2	-0.6
Y14A	Wickenburg	90.89	24	eP	P	11 20 46.5	+1.2
T36A	Boggs Farm, C	90.89	10	P	P	11 20 43.7	-1.4
S48A	Wiedeman Farm,	90.89	2	P	P	11 20 44.3	-0.8
T37A	Cheneyville 18	90.92	9	P	P	11 20 44.9	-0.4
T35A	Sooner Cattle	90.97	10	P	P	11 20 44.7	-0.8
X18A	Snowflake	91.05	21	eP	P	11 20 46.9	+0.7
T38A	Diamond	91.07	8	P	P	11 20 45.3	-0.7
T39A	Cleaver	91.16	8	P	P	11 20 45.6	-0.7
T41A	Molain View	91.26	6	P	P	11 20 46.6	-0.3
T43A	Greenville	91.31	5	P	P	11 20 46.5	-0.5
T42A	Van Buren	91.32	6	P	P	11 20 46.6	-0.4
ANMO	Albuquerque	91.39	18	P	P	11 20 47.0	-0.7
ANMO	Albuquerque	91.39	18	d/P	P	11 20 48.4	+0.7
ANMO	Albuquerque	91.39	18	eP	P	11 20 48.6	+0.9
T48A	Bowling Green	91.43	2	P	P	11 20 47.3	-0.4
LAZ	Ladron	91.78	19	eP	P	11 20 50.7	+1.2
U39A	Green Forest	91.79	8	P	P	11 20 48.8	-0.6
U40A	Yellow	91.86	7	P	P	11 20 49.8	-0.8
U41A	Viola	91.94	6	P	P	11 20 49.8	-0.3
U42A	Reverend	91.98	6	P	P	11 20 49.7	-0.5
U48A	Cassie Pea, Po	92.03	2	P	P	11 20 50.2	-0.3
TUL1	Leonard	92.04	10	P	P	11 20 49.7	-0.8
V39A	Pettigrew	92.31	8	P	P	11 20 50.8	-1.0
WVT	Waverly	92.37	3	P	P	11 20 51.1	-0.9
WVT	Waverly	92.37	3	eP	P	11 20 52.3	+0.3
WVT	Waverly	92.37	3	eP	P	11 20 52.3	+0.3
V40A	Witts Springs	92.41	7	P	P	11 20 50.8	-1.5
V41A	Mountainview	92.48	7	P	P	11 20 51.8	-0.8
V42A	Cot	92.52	6	P	P	11 20 51.9	-0.7
V47A	Nunnally	92.68	3	P	P	11 20 52.7	-0.7
V46A	Holladay	92.69	3	P	P	11 20 52.7	-0.8
V48A	Smith Brothers	92.79	2	P	P	11 20 52.4	-1.5
W14K	Organ Pipe Nat	92.82	24	P	P	11 20 53.3	-0.9
W20K	Wichita Mounta	92.84	12	P	P	11 20 53.1	-1.1
TKL	Tuckaleechee C	92.91	360	LR	LR	12 03 01.9	
X301	Greenbrier Sit	93.01	7	eP	P	11 20 55.2	+0.3
W41B	Gary Mavity, V	93.08	7	P	P	11 20 54.3	-1.0
W47A	Westpoint	93.25	3	P	P	11 20 55.2	-0.9

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W48A	Pulaski	93.39	2	P	P	11 20 55.2	-1.5
251A	Midway	96.45	1	P	P	11 21 09.7	-1.0
TXAR	Lajitas Array	97.17	17	P	P	11 21 14.6	-0.5
RUSC	La Rusia	121.79	347	ePKP	PKP	11 26 35.4	-1.1
SYO	Snow Base	127.42	2021	ePKP	PKP	11 27 23.4	+1.9
OTAV	Olathe	127.94	353	ePKP	PKP	11 28 48.4	+

QSPA	South Pole Qui	65.16	180	eP	P	11 27 44.7	+0.8
LEM	Lembang	73.81	270	LR	LR	12 01 08.6	
KSM	Kuching	74.86	279	eP	P	11 28 42.9	-1.3
H06S1	SOCORRO T	77.65	63	T	T	12 54 06.0	
H06E1	SOCORRO T-PHAS7	77.65	63	T	T	12 54 06.6	
KSRS	Korea Array	80.73	319	LR	LR	12 02 35.8	
PETK	Petrovsk	80.74	345	eP	P	11 29 16.8	+0.8
LPIG	La Paz	81.00	58	LR	LR	12 01 11.5	
DECC	Green Verdugo	81.09	46	P	P	11 29 20.6	+2.2
ARVIN	Arvin	81.31	45	P	P	11 29 21.4	+1.9
MURC	Murrieta	81.44	47	P	P	11 29 21.3	+1.1
MONP2	Monument Peak	81.53	48	P	P	11 29 21.7	+0.7
VES	Vestal, Richgr	81.59	44	P	P	11 29 21.9	+0.9
IKP	In-Ko-Pah, Jac	81.59	48	P	P	11 29 22.2	+1.0
EDW2	Edwards Air Fo	81.69	45	P	P	11 29 22.5	+0.8
ISA	Isabella, Lake	81.87	45	P	P	11 29 23.8	+1.3
ISA	Isabella, Lake	81.87	45	eP	pmx	11 29 23.8	+1.3
ISA	Isabella, Lake	81.87	45	eP	P	11 29 23.8	+1.3
PFO	Pinyon Flats O	81.93	47	P	P	11 29 23.9	+0.9
PFO	Pinyon Flats O	81.93	47	eP	pmx	11 29 23.6	+0.6
PFO	Pinyon Flats O	81.93	47	eP	P	11 29 23.6	+0.6
XPFO	Pion Flat	81.94	47	eP	P	11 29 23.0	0.0
SWSC	Sam W. Stewart	81.98	48	P	P	11 29 24.1	+1.0
BBRC	Big Bear Solar	82.02	47	P	P	11 29 24.3	+0.7
CMB	Columbia Colle	82.18	42	eP	pmx	11 29 24.1	0.0
CMB	Columbia Colle	82.18	42	eP	P	11 29 24.1	0.0
BELC	Belle Mtn. Jos	82.47	47	P	P	11 29 27.0	+1.2
ORV	Oroville	82.50	40	eP	pmx	11 29 26.3	+0.6
ORV	Oroville	82.50	40	eP	P	11 29 26.3	+0.6
WDC	Whiskeytown Da	82.58	39	eP	pmx	11 29 27.5	+1.5
WDC	Whiskeytown Da	82.58	39	eP	P	11 29 27.5	+1.5
CWO	Cottonwood Cre	82.60	44	P	P	11 29 27.2	+0.7
SYO	Syowa Base	82.61	193	eP	P	11 29 26.6	+0.6
BC3	Big Chuckawall	82.63	48	P	P	11 29 27.8	+1.1
GLA	Glamis	82.70	49	eP	P	11 29 27.8	+0.8
GLA	Glamis	82.70	49	eP	pmx	11 29 27.6	+0.6
GLA	Glamis	82.70	49	eP	P	11 29 27.6	+0.6
GSC	Goldstone, Bar	82.72	46	P	P	11 29 28.0	+0.9
GSC	Goldstone, Bar	82.72	46	eP	pmx	11 29 27.5	+0.4
GSC	Goldstone, Bar	82.72	46	eP	P	11 29 27.5	+0.4
MPMC	Manual Propsec	82.74	45	P	P	11 29 27.9	+0.6
HEC	Hector, Ludlow	82.75	46	P	P	11 29 28.1	+0.9
N02D	Trinity Center	82.75	38	P	P	11 29 27.9	+0.9
O03D	Paynes Creek	82.81	39	P	P	11 29 28.4	+1.0
M02C	Callahan	82.94	38	P	P	11 29 28.7	+0.7
WAKR	Walker	83.05	42	eP	P	11 29 28.8	0.0
USRK	Ussuriysk Ar.	83.07	326	LR	LR	12 00 03.7	
IRM	Iron Mountain	83.14	48	P	P	11 29 30.1	+1.0
GMRC	Granite Mounta	83.16	47	P	P	11 29 30.9	+0.5
YBH	Yreka Blue Hor	83.25	38	P	P	11 29 30.0	+0.4
YBH	Yreka Blue Hor	83.25	38	P	P	11 29 30.0	+0.4
113A	Mohawk Valley,	83.26	49	eP	P	11 29 30.5	+0.8
Y12C	Blythe	83.31	48	P	P	11 29 30.4	+0.4
Y12C	Blythe	83.31	48	eP	P	11 29 30.7	+0.7
NJ2	Nanjing	83.32	310	eP	pmx	11 29 31.5	+1.4
PNTR	Pine Nut	83.32	41	eP	P	11 29 30.8	+0.5
BEKR	Beckworth	83.37	40	eP	P	11 29 31.5	+1.0
TUQ	Turquoise Moun	83.38	46	P	P	11 29 30.9	+0.4
VCNR	Virginia City	83.42	41	eP	P	11 29 31.6	+0.9
SHOC	Shoshone, Tec	83.43	46	P	P	11 29 31.5	+0.8
YERR	Yerington	83.47	42	eP	P	11 29 31.8	+0.8
SNA	Sanae	83.58	178	P	P	11 29 30.3	-0.7
SNA	Sanae	83.58	178	P	P	11 29 30.4	-0.7
SNA	Sanae	83.58	178	LR	LR	12 04 29.9	
SNA	Sanae	83.58	174	eP	P	11 29 31.0	0.0
VNA3	Neumayer Olymp	83.69	176	P	P	11 29 31.0	-0.5
NV01	Minna Array Sit	83.70	43	eP	P	11 29 32.4	+0.2
NVAR	Minna Array Bea	83.70	43	P	P	11 29 33.0	+0.8
M04C	Macdoel	83.77	38	P	P	11 29 32.7	+0.3
NV11	Minna Array Sit	83.79	43	eP	P	11 29 33.4	+0.8
PAHR	Pah Rah Range	83.84	41	eP	P	11 29 33.5	+0.7
PDMC1	Parker Dam, Lak	83.89	48	P	P	11 29 33.5	+0.5
TPNV	Topopah Spring	84.08	45	P	P	11 29 34.7	+0.6
VNA2	Neumayer-Watz	84.14	177	P	P	11 29 33.7	0.0
KVN	Kaiserwille	84.21	42	eP	pmx	11 29 34.7	0.0
KVN	Kaiserwille	84.21	42	eP	P	11 29 34.7	0.0
KVN1	Neumayer-Stat	84.26	176	P	P	11 29 34.8	0.0
Y14A	Wickenburg	84.45	49	P	P	11 29 36.5	+0.6
SHPR	Sheep Range	84.51	46	eP	P	11 29 37.4	+1.1
W13A	Hualapai Mount	84.53	47	eP	P	11 29 37.1	+0.6
MOD	Modoc Plateau	84.72	39	eP	P	11 29 37.9	+0.7
TUC	Tucson	85.09	51	P	P	11 29 39.6	+0.4
TUC	Tucson	85.09	51	eP	P	11 29 39.6	+0.4

TUC	Tucson	85.09	51	eP	P	11 29 39.6	+0.4
J05D	For Rock, OR	85.09	37	P	P	11 29 39.4	+0.3
R11A	Troy Canyon, C	85.34	44	P	P	11 29 40.3	-0.2
R11A	Troy Canyon, C	85.34	44	eP	P	11 29 40.9	+0.4
BMN	Battle Mountai	85.59	41	eP	pmx	11 29 41.3	-0.4
BMN	Battle Mountai	85.59	41	eP	P	11 29 41.3	-0.4
BMN	Battle Mountai	85.59	41	eP	P	11 29 41.3	-0.4
319A	Douglas	85.65	53	eP	P	11 29 43.4	+1.3
PLCA	Paso Flores	85.66	133	P	P	11 29 42.9	+0.8
PLCA	Paso Flores	85.66	133	LR	LR	11 58 48.9	
PLCA	Paso Flores	85.66	133	eP	P	11 29 44.0	+1.9
PSI	Prapat	85.69	275	LR	LR	12 10 43.3	
X16A	Lo Mia Camp, P	85.80	49	eP	P	11 29 43.4	+0.6
WVOR	Wild Horse Wal	86.01	39	eP	pmx	11 29 44.5	+0.9
WVOR	Wild Horse Wal	86.01	39	eP	P	11 29 44.5	+0.9
HPIG	Highway 95	86.05	58	eP	P	11 29 44.9	+0.6
LCMT	Little Creek M	86.06	46	eP	P	11 29 44.8	+0.8
CCUT	Cedar City	86.29	46	eP	P	11 29 46.1	+0.9
U15A	North Rim	86.35	47	eP	P	11 29 46.2	+0.6
WUAZ	Wupatki	86.45	48	P	P	11 29 46.4	+0.3
WUAZ	Wupatki	86.45	48	eP	P	11 29 47.4	+1.3
SZCU	Shurtz Canyon	86.49	46	eP	P	11 29 47.0	+0.8
J08A	Circle Bar Ran	86.68	39	eP	P	11 29 46.1	-0.8
KLR	Kul'dur	86.73	329	LR	LR	12 02 37.3	
X18A	Snowflake	86.88	50	eP	P	11 29 47.8	-0.4
MTPU	Mount Pierson	87.33	46	eP	P	11 29 51.8	+1.2
121A	Coccos Peak, D	87.34	52	P	P	11 29 50.8	+0.3
MSU	Marysval	87.61	45	eP	P	11 29 51.7	+0.1
MSU	Marysval	87.61	45	eP	P	11 29 51.7	+0.1
B05A	Bryant	87.94	33	P	P	11 29 54.3	+1.7
MA2	Maqadan	88.25	344	P	P	11 29 53.2	-0.6
MNTX	Cornudas Mount	88.66	54	P	P	11 29 56.8	+0.3
MNTX	Cornudas Mount	88.66	54	eP	P	11 29 57.0	+0.5
SUA	Susitna One	88.69	12	eP	P	11 29 56.0	0.0
TX31	Lajitas Ar. Si	88.77	57	eP	P	11 29 57.5	+0.3
TXAR	Lajitas Array	88.77	57	P	P	11 29 56.8	-0.4
TXAR	Lajitas Array	88.77	57	LR	LR	12 01 19.8	
LAZ	Ladron	88.78	51	eP	P	11 29 57.9	+0.6
D08A	Wolfman Farm	88.78	36	eP	P	11 29 57.4	+0.7
BNM	Barren Site	89.01	51	eP	P	11 29 58.7	+0.3
F10A	Beach Ranch, E	89.01	37	eP	P	11 29 57.9	0.0
SRU	San Rafael Swe	89.01	46	eP	pmx	11 29 58.8	+0.6
SRU	San Rafael Swe	89.01	46	eP	P	11 29 58.8	+0.6
P17A	Butcher Ranch,	89.07	45	eP	P	11 29 59.8	+1.3
PMR	Palmer	89.12	13	eP	pmx	11 29 58.2	+0.3
PMR	Palmer	89.12	13	eP	P	11 29 58.2	+0.3
HLID	Halley	89.15	40	P	P	11 29 59.0	+0.2
HLID	Halley	89.15	40	eP	P	11 29 59.7	+1.0
MVCO	Mesa Verde	89.32	48	eP	P	11 29 59.5	-0.3
B08A	Belle Reser	89.40	34	eP	P	11 29 59.9	+0.3
GYA	Guyang	89.53	299	eP	pmx	11 30 02.0	+1.1
ANMO	Albuquerque	89.54	51	P	P	11 30 00.7	-0.1
ANMO	Albuquerque	89.54	51	eP	pmx	11 30 01.6	+0.8
ANMO	Albuquerque	89.54	51	eP	P	11 30 01.6	+0.8
TCUT	Toone Canyon	89.56	44	eP	P	11 30 01.8	+0.9
BMRM	Bremner River	89.57	15	eP	P	11 30 07.0	+0.6
C09A	Chrisman Ranch	89.59	35	eP	P	11 30 01.2	+0.7
LNIG	Linares	89.95	63	eP	P	11 30 03.0	+0.2
CAST	Castle Rocks	90.24	11	eP	P	11 30 01.7	-1.5
NEW	Newport	90.48	35	P	P	11 30 04.3	-0.4
KTH	Kantishna Hill	90.57	11	eP	P	11 30 03.7	-1.1
TRF	Thorpe Moun	90.59	12	eP	P	11 30 05.1	+0.1
S22A	4UR Ranch, Cre	90.73	48	P	P	11 30 06.3	-0.2
S22A	4UR Ranch, Cre	90.73	48	eP	P	11 30 07.5	+1.1
MCHT	McKenzie Canyo	90.80	40	eP	P	11 30 07.1	+0.5
DHY	Denali Highway	90.82	13	eP	P	11 30 05.8	-0.3
RND	Reindeer	90.82	12	eP	pmx	11 30 05.7	-0.3
RND	Reindeer	90.82	12	eP	P	11 30 05.7	-0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like KWP Kalwaria Pacla, BURAR Bucovina Array, etc.

BEO 26 11:17:25.4-0.4, 43.27N; 19.26E, h7km, 3km, M2.6/9
CSEM 26 11:17:25.4-0.1, 43.29N; 19.28E, h5km, ML2.5, Error ellipse: s-maj=3.2km s-min=2.2km az=113.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like PLE Pljevlja, KOME Kolasin, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like CEME Cevo, HAPS Han Pijesak, etc.

ISCJB 26 11:20:31.8-0.5, 24.66S; 0.08-177.30W, h0km, m4.1/8, mb4.4/17, MS4.5/2, Error ellipse: s-maj=14.0km s-min=9.8km az=40.4

GCMT 26 11:20:33.1-0.4, 24.74S; 177.13W, h32km, 1km, MW5.2/65, Moment Tensor Solution: s17, t18, s65, t68, Duration: 16.0 Moment tensor: Scale: 0.17N, M0=0.48; 0.0; M0=0.31; 0.05; M0=0.78; 0.5; M0=1.14; 0.5; M0=0.17; 0.03; M0=0.01; 0.4; Best double couple: M0: 0.75700; 0.107; NP1=164.00000; s63.00000; lambda=123.00000; NP2: 0.39.00000; delta2.00000; lambda=43.00000; Principal axes: T 0.8670, P1g12.00000, Azm277.00000; N -0.2200, Plg29.00000; Azm180.00000; P -0.6470, Plg58.00000, Azm27.00000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like RAO Raoul Island, RAO Raoul Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like PPT2 Papeete, TVO Taravao, ARMA Armatapu, etc.

IDC 26 11:21:37.0-2.5, 51.52N; 96.16E, h0km, mb1.3/1.3, mb1mx3.0, 8.77, mbtm3-1.0, ML2.5/3, Error ellipse: s-maj=43.0km s-min=20.0km az=15.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo, etc.

IDC 26 11:27:56.0-1.3, 51.52N; 96.29E, h0km, mb3.9/5, mb1.3/7.9, mb1mx3.4/7.6, mbtm3.7/7.9, ML2.7/3, Error ellipse: s-maj=25.2km s-min=15.8km az=166.0

NEIC 26 11:27:55.3-0.5, 51.52N; 96.59E, h10km, mb4.7/7, Error ellipse: s-maj=14.5km s-min=6.1km az=191.0

ISCJB 26 11:27:59.0-0.5, 52.06N; 0.09-96.0E, h0km, mb4.3/1.0, Error ellipse: s-maj=13.2km s-min=7.0km az=3.5

MOS 26 11:28:00.1-2.2, 52.35N; 95.88E, h10km, mb4.1/2, Error ellipse: s-maj=19.4km s-min=11.7km az=10.4

ISC 26 11:28:01.5-6.1, 52.25N; 0.09-96.0E, h0km, n45, s=171/37, mb4.2/1.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like ORL Orlik, MOY Mondy, ARS Arshan, etc.

Table with columns: ZALV, Zalesovo Beam, 6.99 289 Pn, Pn, 11 29 46.7 +2.8, etc. Includes stations like ZALV, Zalesovo Beam, Zalesovo Array, etc.

ISCJB 26 11:31:19.4-0.0, 3.3:21N-0.0:2-11:58W-0.0:2, h12km, 3km, Error ellipse: s-maj=3.4km s-min=2.3km az=140.9

NEIC 26 11:31:19.5-0.0, 3.3:22N-11:56W, h0km, ML3.2(PAS), After PAS.

ECX 26 11:31:20.0-0.5, 3.3:23N-11:56W, h3km, MD3.0, ML3.2, ISC 26 11:31:18.7-1.1, 3.3:20N-0.0:2-11:59W-0.0:2, h6km±10km, n71, c1556/94, 1C-4D, Southern California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like SWSC, Sam W. Stewart, BTRC, Brunts Corner, etc.

Table with columns: PBX, Punta Banda, 1.74 214 eP, Pn, 11 31 49.4 0.0, etc. Includes stations like PBX, Punta Banda, HEC, Hector Ludlow, etc.

ISCJB 26 11:33:00.6, 38.68N-43.18E, h12km, ML2.8/6, ISCJB 26 11:33:01.7, 0.4, 38.70N-0.0:2-43.22E-0.0:3, h9km, 4km, Error ellipse: s-maj=4.4km s-min=3.6km az=16.4

DDA 26 11:33:01.2, 38.70N-43.24E, h7km, ML2.9, CSEM 26 11:33:01.3, 0.2, 38.70N-43.23E, h10km, ML2.8, Error ellipse: s-maj=5.1km s-min=4.2km az=84.0

ISC 26 11:33:01.7-0.8, 38.68N-0.0:2-43.24E-0.0:2, h16km, 6km, n32, c1501/57, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like VANB, Van, ERVC, ERCIS-VAN, etc.

ISCJB 26 11:34:02.5-1.6, 4.4:2S-0.0:4-133.65E-0.0:8, h21km, mb3.5/2, Error ellipse: s-maj=11.9km s-min=5.0km az=167.1

DDA 26 11:34:02.5-1.6, 4.4:6S-133.56E, h0km, mb3.6/2, mb1 4.0/7, mb1mx3.6/50, mbtmp3.8/7, ML3.7/5, Error ellipse: s-maj=57.3km s-min=20.3km az=66.0

DJA 26 11:34:07.3-0.9, 4.5:13.4E, h10km, M4.4/6, M4.9/1, mb4.6/3, MLV4.3/6, MWM(B)4.1/1

ISC 26 11:34:03.8-0.9, 4.5:05.0:133.54E-0.0:10, h21km, n14, c287/19, Irian Jaya region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like KMPI, Kaimana, Papua, etc.

Table with columns: WRA, Warramunga Arr, 15.37 177 Pn, Pn, 11 37 39.5 -0.1, etc. Includes stations like WRA, FITZ, FITZ, ASAR, etc.

UCR 26 11:35:27.1-1.6, 12.36N-87.58W, h60km, 44km, MD3.5, 1D, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like CRIN, San Cristobal, CNGN, Cerro Negro, etc.

NEIC 26 11:36:00.7-0.5, 51.37N-96.58E, h10km, mb4.6/9, Error ellipse: s-maj=14.7km s-min=6.3km az=192.0

ICD 26 11:36:01.8-1.2, 51.56N-96.13E, h0km, mb3.9/8, mb1 3.7/1, mb1mx3.5/71, mbtmp3.7/11, ML2.7/3, Error ellipse: s-maj=27.3km s-min=17.0km az=172.0

ISCJB 26 11:36:03.0-0.5, 51.60N-0.0:9-95.85E-0.0:6, h10km, mb4.1/15, Error ellipse: s-maj=13.8km s-min=5.4km az=6-1

MOS 26 11:36:02.8-1.9, 51.168N-95.72E, h6km, mb4.8/4, Error ellipse: s-maj=18.9km s-min=12.1km az=16.2

ISC 26 11:36:04.0-0.6, 51.16N-0.1:95.88E-0.0:4, h10km, n47, c1500/41, mb4.3/15, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like ORL, Oriik, MOY, Mondy, etc.

ARS Arshan, 4.08 83 eP, Pn, 11 37 08.8 +1.4, 11 38 02.4

ZALV Zalesovo Beam, 7.10 293 Pn, Pn, 11 37 50.8 +2.0, 11 39 10.1 +0.7

ZALV Zalesovo Beam, 7.10 293 eP, Pn, 11 37 50.1 +1.4, 11 39 10.1 +0.7

ZALV Zalesovo Beam, 7.10 293 eP, Pn, 11 37 50.1 +1.4, 11 39 10.1 +0.7

ZALV Zalesovo Beam, 7.10 293 eP, Pn, 11 37 50.1 +1.4, 11 39 10.1 +0.7

ZALV Zalesovo Beam, 7.10 293 eP, Pn, 11 37 50.1 +1.4, 11 39 10.1 +0.7

ZALV Zalesovo Beam, 7.10 293 eP, Pn, 11 37 50.1 +1.4, 11 39 10.1 +0.7

ZALV Zalesovo Beam, 7.10 293 eP, Pn, 11 37 50.1 +1.4, 11 39 10.1 +0.7

ZALV Zalesovo Beam, 7.10 293 eP, Pn, 11 37 50.1 +1.4, 11 39 10.1 +0.7

ZALV Zalesovo Beam, 7.10 293 eP, Pn, 11 37 50.1 +1.4, 11 39 10.1 +0.7

ZALV Zalesovo Beam, 7.10 293 eP, Pn, 11 37 50.1 +1.4, 11 39 10.1 +0.7

ZALV Zalesovo Beam, 7.10 293 eP, Pn, 11 37 50.1 +1.4, 11 39 10.1 +0.7

ZALV Zalesovo Beam, 7.10 293 eP, Pn, 11 37 50.1 +1.4, 11 39 10.1 +0.7

ZALV Zalesovo Beam, 7.10 293 eP, Pn, 11 37 50.1 +1.4, 11 39 10.1 +0.7

ZALV Zalesovo Beam, 7.10 293 eP, Pn, 11 37 50.1 +1.4, 11 39 10.1 +0.7

ZALV Zalesovo Beam, 7.10 293 eP, Pn, 11 37 50.1 +1.4, 11 39 10.1 +0.7

ZALV Zalesovo Beam, 7.10 293 eP, Pn, 11 37 50.1 +1.4, 11 39 10.1 +0.7

ZALV Zalesovo Beam, 7.10 293 eP, Pn, 11 37 50.1 +1.4, 11 39 10.1 +0.7

ZALV Zalesovo Beam, 7.10 293 eP, Pn, 11 37 50.1 +1.4, 11 39 10.1 +0.7

ZALV Zalesovo Beam, 7.10 293 eP, Pn, 11 37 50.1 +1.4, 11 39 10.1 +0.7

ZALV Zalesovo Beam, 7.10 293 eP, Pn, 11 37 50.1 +1.4, 11 39 10.1 +0.7

ZALV Zalesovo Beam, 7.10 293 eP, Pn, 11 37 50.1 +1.4, 11 39 10.1 +0.7

ZALV Zalesovo Beam, 7.10 293 eP, Pn, 11 37 50.1 +1.4, 11 39 10.1 +0.7

ZALV Zalesovo Beam, 7.10 293 eP, Pn, 11 37 50.1 +1.4, 11 39 10.1 +0.7

ZALV Zalesovo Beam, 7.10 293 eP, Pn, 11 37 50.1 +1.4, 11 39 10.1 +0.7

ZALV Zalesovo Beam, 7.10 293 eP, Pn, 11 37 50.1 +1.4, 11 39 10.1 +0.7

ZALV Zalesovo Beam, 7.10 293 eP, Pn, 11 37 50.1 +1.4, 11 39 10.1 +0.7

ZALV Zalesovo Beam, 7.10 293 eP, Pn, 11 37 50.1 +1.4, 11 39 10.1 +0.7

ZALV Zalesovo Beam, 7.10 293 eP, Pn, 11 37 50.1 +1.4, 11 39 10.1 +0.7

ZALV Zalesovo Beam, 7.10 293 eP, Pn, 11 37 50.1 +1.4, 11 39 10.1 +0.7

ZALV Zalesovo Beam, 7.10 293 eP, Pn, 11 37 50.1 +1.4, 11 39 10.1 +0.7

ZALV Zalesovo Beam, 7.10 293 eP, Pn, 11 37 50.1 +1.4, 11 39 10.1 +0.7

ZALV Zalesovo Beam, 7.10 293 eP, Pn, 11 37 50.1 +1.4, 11 39 10.1 +0.7

ZALV Zalesovo Beam, 7.10 293 eP, Pn, 11 37 50.1 +1.4, 11 39 10.1 +0.7

ZALV Zalesovo Beam, 7.10 293 eP, Pn, 11 37 50.1 +1.4, 11 39 10.1 +0.7

26d 11h

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like BR231, BUR08, BU094, etc.

ISCJB 26 11:42:30.4-0.9, 4.27S, 0.07:143.92E-0.09, h10km, mb3.8/5, Error ellipse: s-maj=13.6km s-min=9.7km az=164.4

IDC 26 11:42:34.3-2.4, 4.45S, 143.86E, h137km, 26km, mb3.6/5, mb1 3.9/7, mb1mx3.5/49, mbtmp4.2/7, Error ellipse: s-maj=28.1km s-min=11.4km az=100.0

ISC 26 11:42:32.1-1.0, 4.37S, 143.8E-0.1, h110km, n7, r148/10, mb3.9/5, New Guinea

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like PMG, WRA, ASAR, etc.

NEIC 26 11:46:18.9-0.5, 51.35N, 96.42E, h10km, mb4.1/2, Error ellipse: s-maj=15.6km s-min=6.3km az=193.0

IDC 26 11:46:19.3-1.2, 51.50N, 96.16E, h0km, mb3.8/7, mb1 3.7/11, mb1mx3.4/78, mbtmp3.6/11, ML2.8/4, MS4.0/1, Ms1 4.0/1, ms1mx2.7/68, Error ellipse: s-maj=26.5km s-min=16.6km az=172.0

ISCJB 26 11:46:20.3-0.8, 51.61N, 0.1:95.87E-0.09, h10km, mb3.8/7, MS4.0/1, Error ellipse: s-maj=16.5km s-min=7.8km az=167.2

MOS 26 11:46:22.0-1.6, 51.73N, 95.61E, h11km, mb4.2/2, Error ellipse: s-maj=17.7km s-min=12.6km az=96.9

ISC 26 11:46:23.0-0.6, 51.80N, 0.08:95.77E-0.05, h10km, n44, r197/44, mb3.9/7, Southwestern Siberia

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like ORL, MOY, ARS, etc.

ZAAO ZAAO Array 6.97 292 ePn Pn 11 48 07.5 +2.5

ZALV Zalesovo Beam 6.97 292 eLg Lg 11 48 07.7 +1.7

ZALV Zalesovo Beam 6.97 292 ePn Pn 11 48 05.6 +0.6

ZAA1 Zalesovo Array 6.97 292 eLg Lg 11 48 06.7 +1.7

OGRR Ongureny 7.42 71 ePn Pn 11 48 07.9 -3.3

SONA1 Songino Array 7.94 116 eSg Sg 11 48 40.7 +0.1

SONA0 Songino Array 7.94 116 ePn Pn 11 48 37.9 -2.7

SONM Songino Array 7.94 116 ePn Pn 11 48 37.9 -2.7

NVS Novosibirsk 10.21 246 ePn Pn 11 48 48.5 +0.2

MK31 Makanchi Array 10.12 246 ePn Pn 11 48 48.5 +0.2

MK32 Makanchi Array 10.12 246 ePn Pn 11 48 47.4 -0.9

MKAR Makanchi Array 10.12 246 ePn Pn 11 48 47.4 -0.9

MKAR Makanchi Array 10.12 246 ePn Pn 11 48 48.5 +0.2

MKAR Makanchi Array 10.12 246 ePn Pn 11 48 48.5 +0.2

MKAR Makanchi Array 10.12 246 ePn Pn 11 48 48.5 +0.2

MKAR Makanchi Array 10.12 246 ePn Pn 11 48 48.5 +0.2

MKAR Makanchi Array 10.12 246 ePn Pn 11 48 48.5 +0.2

2012 FEB

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like AKTO, TIXI, FIAO, etc.

DDA 26 11:47:56.7, 38.82N, 30.19E, h7km, ML2.5

CSEM 26 11:47:57.2, 38.81N, 30.23E, h2km, ML2.4, Error ellipse: s-maj=4.5km s-min=3.5km az=84.0

ISK 26 11:47:57.1, 38.77N, 30.22E, h4km, ML2.4/9

ISC 26 11:47:56.8-1.1, 38.82N, 0.02:30.23E-0.02, h3km, 10km, n33, r059/52, Turkey

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like SHUT, AFYON, BOLV, etc.

MOS 26 11:50:49.2-1.0, 51.50N, 96.03E, h10km, mb4.6/13, Error ellipse: s-maj=10.4km s-min=8.0km az=5.6

IDC 26 11:50:49.4-0.7, 51.38N, 96.09E, h0km, mb4.1/17, mb1 4.1/22, mb1mx3.9/77, mbtmp4.0/22, ML3.4/5, MS3.9/2, Ms1 3.9/2, ms1mx3.0/66, Error ellipse: s-maj=16.5km s-min=11.2km az=174.0

ISCJB 26 11:50:50.3-0.3, 51.64N, 0.05:96.01E-0.05, h10km, mb4.2/27, MS4.0/2, Error ellipse: s-maj=7.2km s-min=4.5km az=169.3

NEIC 26 11:50:52.0-0.5, 51.52N, 96.06E, h10km, mb4.4/7, Error ellipse: s-maj=10.8km s-min=6.2km az=168.0

ISC 26 11:50:52.0-0.4, 51.60N, 0.06:96.10E-0.04, h10km, n97, r243/101, mb4.3/27, 7C-4D, Southwestern Siberia

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like HVS, ORL, MOY, etc.

1438

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like MKAR, MKAR, MKAR, etc.

26d 11h

SIM	comp-Z,141nm,0.5s		pmax	pmax	
SIM			MLR	MLR	
MARD	comp-Z,260nm,15.7s	40.88 272	eP	P	12 06 49.0 +0.8
MOR8	comp-Z,54nm,1.0s	41.07 322	eP	P	12 06 48.4 -0.9
MOR8			IAMB	IAMB	12 06 50.7
KONS	comp-Z,47nm,1.2s	41.45 323	eP	P	12 06 53.4 +1.1
KONS			IAMB	IAMB	12 06 56.2
TOKA	comp-Z,40nm,1.3s	41.70 278	eP	P	12 06 55.7 +1.0
SUW	comp-Z,58nm,1.1s	42.12 303	eP	P	12 06 58.5 +0.5
SUW		42.12 303	eP	P	12 06 58.9 +0.9
SUW			pmax	pmax	
SUW	comp-Z,89nm,0.7s	42.12 303	eP	P	12 06 58.9 +0.9
SUW	comp-Z,89nm,0.7s	42.12 303	eP	P	12 06 58.9 +0.9
SORM	Soroca	42.20 293	iP	P	12 06 59.1 +0.5
SORM	Soroca	42.20 293	iP	P	12 06 59.1 +0.5
NSS	Namsos	42.66 321	eP	P	12 07 03.3 +1.0
NSS			IAMB	IAMB	12 07 05.4
SURT	Suratani	42.81 176	P	P	12 07 03.9 0.0
ILGA	ligaz	42.95 281	eP	P	12 07 07.0 +1.8
LEOM	Leova	43.14 291	iP	P	12 07 07.3 +1.0
LEOM	Leova	43.14 291	iP	P	12 07 07.3 +1.0
IAS	IAS	43.15 292	iP	P	12 07 07.3 +0.9
IAS	IAS	43.15 292	iP	P	12 07 07.3 +0.9
TLCR	TLCR	43.52 289	iP	P	12 07 10.4 +1.0
TLCR	TLCR	43.52 289	iP	P	12 07 10.4 +1.0
LVV	L'vov	43.75 297	eP	P	12 07 11.1 -0.1
LVV			eS	S	12 13 41.3 +0.6
BR131	Keskin Array S	43.80 279	eP	P	12 07 13.0 +1.1
BRTR	Keskin Array B	43.80 279	eP	P	12 07 13.0 +1.1
BRTR			PcP	PcP	12 08 58.0 -0.2
BRTR	Keskin Array B	43.80 279	eP	P	12 07 13.0 +1.1
PRAR	RASCA	43.82 293	iP	P	12 07 12.9 +1.0
HFS	Hafjors	43.87 314	P	P	12 07 12.6 +0.6
HFS			LR	LR	12 25 54.7
TBLU	comp-Z,612nm,19.2s,baz=64,slow=37	43.90 319	eP	P	12 07 11.6 -0.6
TBLU	Thredheim		IAMB	IAMB	12 07 13.5
TRTT	Trang	43.97 175	P	P	12 07 12.2 -1.1
TESR	Tescani	44.04 292	iP	P	12 07 14.4 +0.8
PETR	Petresti	44.12 290	iP	P	12 07 16.6 +2.2
TIRR	Tirgusor	44.16 288	eP	P	12 07 15.3 +0.7
TIRR			pmax	pmax	
TIRR	comp-Z,27nm,0.6s	44.16 288	iP	P	12 07 15.1 +0.5
TIRR	Tirgusor	44.16 288	eP	P	12 07 15.3 +0.7
ODBI	Odobesti	44.22 291	iP	P	12 07 17.9 +2.8
ANTO	Ankara	44.23 280	eP	P	12 07 16.6 +1.3
ANTO			pmax	pmax	
ANTO	Ankara	44.23 280	eP	P	12 07 16.6 +1.3
ANTO	Ankara	44.23 280	eP	P	12 07 16.4 +1.1
ANTO	Ankara	44.23 280	eP	P	12 07 16.4 +1.1
BUOR8	Bucovina Ar. S	44.25 294	eP	P	12 07 16.6 +1.1
BR231	Keskin MP Arra	44.26 280	eP	P	12 07 17.2 +1.6
BURAR	Bucovina Ar. S	44.26 294	iP	P	12 07 16.0 +0.5
BURAR	Bucovina Ar. S	44.26 294	iP	P	12 07 16.0 +0.5
BURAR	Bucovina Ar. S	44.26 294	iP	P	12 07 16.0 +0.5
NC405	NORSAR Array S	44.28 316	iP	P	12 07 15.3 -0.1
TLB	Topalu	44.31 289	iP	P	12 07 16.9 +1.1
TLB	Topalu	44.31 289	iP	P	12 07 16.9 +1.1
HARR	Harsova	44.32 289	iP	P	12 07 16.9 +1.1
HARR	Harsova	44.32 289	iP	P	12 07 16.9 +1.1
VRI	Vrincioaia	44.36 291	iP	P	12 07 17.6 +1.4
VRI	Vrincioaia	44.36 291	iP	P	12 07 17.6 +1.4
NC303	NORSAR Array S	44.38 316	eP	P	12 07 16.6 +0.5
PLOR	Plostinia	44.41 281	iP	P	12 07 18.1 +1.5
PLOR	Plostinia	44.41 281	iP	P	12 07 18.1 +1.5
BEL	Belsk	44.46 301	eP	P	12 07 17.9 +1.1
BEL	Belsk	44.46 301	eP	P	12 07 18.0 +1.1
GRER	NORSAR Array S	44.48 290	iP	P	12 07 19.5 +2.3
NB201	NORSAR Subarra	44.49 316	eP	P	12 07 16.8 -0.3
NB202	NORSAR Subarra	44.53 316	eP	P	12 07 17.7 +0.3
NB2	NORSAR Subarra	44.53 316	eP	P	12 07 17.7 +0.3
NOA	NORSAR Array B	44.53 316	P	P	12 07 17.6 +0.2
NOA	comp-Z,265nm,0.8s,baz=63,slow=8.0,SNR=65		LR	LR	12 27 27.0
NC602	NORSAR Array S	44.53 316	eP	P	12 07 18.0 +0.6
NC602	NORSAR Array S	44.53 316	eP	P	12 07 18.4 +1.1
NC602			IAMB	IAMB	12 07 19.0
NC602	comp-Z,138nm,0.8s				
NC605	NORSAR Array S	44.57 316	eP	P	12 07 18.0 +0.3
KWP	Kalwarja Pacia	44.58 298	eP	P	12 07 19.2 +1.3
KWP	Kalwarja Pacia	44.58 298	eP	P	12 07 19.4 +1.5
KWP	Kalwarja Pacia	44.58 298	eP	P	12 07 19.4 +1.5
NC204	NORSAR Array S	44.61 317	eP	P	12 07 18.8 +0.8
NB002	NORSAR Array S	44.72 316	eP	P	12 07 19.5 +0.6
NB000	NORSAR Array S	44.74 287	P	P	12 07 20.6 +1.3
PSN	Presentisli	44.74 287	P	P	12 07 19.8 +0.6
NAO01	NORSAR Array S	44.76 316	eP	P	12 07 23.3 +2.9
ISR	Istrita	44.88 290	iP	P	12 07 23.3 +2.9
ISR	Istrita	44.88 290	iP	P	12 07 23.3 +2.9
DOMB	Dombas	44.95 318	eP	P	12 07 22.2
DOMB			IAMB	IAMB	12 07 23.4 +1.8
MLR	Muntele Ros	45.02 291	eP	P	12 07 23.1 +1.5
MLR			pmax	pmax	12 07 23.4 +1.8
MLR	Muntele Ros	45.02 291	eP	P	12 07 23.1 +1.5
MLR	Muntele Ros	45.02 291	eP	P	12 07 23.4 +1.8
ARCR	ARCALIA	45.04 294	iP	P	12 07 23.8 +2.2
DOPR	Dopca	45.07 292	iP	P	12 07 24.6 +2.3
BMR	Baia Mare	45.20 295	iP	P	12 07 24.6 +1.8
BMR	Baia Mare	45.20 295	iP	P	12 07 24.6 +1.8
SECR	Oslo	45.21 300	iP	P	12 07 22.9 -0.3
OSL	Oslo	45.28 315	eP	P	12 07 22.9 -0.3
OSL			IAMB	IAMB	12 07 24.6
DAG	Danmarks Havn	45.28 343	iP	P	12 07 23.5 +0.4
DAG			pmax	pmax	
DAG	comp-Z,12nm,0.9s	45.28 343	iP	P	12 07 23.5 +0.4
DAG	comp-Z,12nm,0.9s				
SVLR	Uzhgorod	45.30 290	iP	P	12 07 25.2 +1.5
UZH	Uzhgorod	45.35 297	eP	P	12 07 27.1 -2.3
UZH					12 07 23.5
TRPA	Tarpa	45.48 296	iP	P	12 07 26.4 +1.3
PRD	Provadia	45.49 287	eP	P	12 07 26.2 +1.0
STHS	Stebnicka Huta	45.50 298	eP	P	12 07 27.0 +1.8
STHS			pmax	pmax	
STHS	comp-Z,15nm,0.9s	45.50 298	eP	P	12 07 27.0 +1.8
STHS	Stebnicka Huta	45.50 298	eP	P	12 07 27.1 +1.5
GKP	Gorka Klasztor	45.56 304	eP	P	12 07 27.1 +1.5
GKP	Gorka Klasztor	45.56 304	eP	P	12 07 27.1 +1.5
VOIR	Voivodina	45.57 291	iP	P	12 07 27.3 +1.4
VOIR	Voivodina	45.57 291	iP	P	12 07 27.3 +1.4
CVRS	Cervencia-Dubn	45.66 297	eP	P	12 07 27.1 +0.6
CVRS					12 09 14.0
CVRS	Cervencia-Dubn	45.66 297	eP	P	12 07 27.1 +0.6
CVRS			ePP	ePP	12 09 14.0 +0.8
CJR	Cluj-Napoca	45.68 294	iP	P	12 07 29.3 +2.6
CJR	Cluj-Napoca	45.68 294	iP	P	12 07 29.3 +2.6
AKN	Aaknes	45.74 319	eP	P	12 07 27.4 +0.4
AKN			IAMB	IAMB	12 07 29.1

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OJC	Ojcow	45.85 300	eP	P	12 07 28.7 +0.8
OJC	Ojcow	45.85 300	eP	P	12 07 27.6 -0.3
OJC			pmax	pmax	
OJC	comp-Z,56nm,1.0s	45.85 300	eP	P	12 07 27.6 -0.3
ARR	Arges	45.85 291	iP	P	12 07 30.1 +2.0
KONO	Kongsberg	45.91 315	eP	P	12 07 29.6 +1.3
KONO			pmax	pmax	
KONO	comp-Z,125nm,1.9s	45.91 315	eP	P	12 07 29.6 +1.3
KONO	Kongsberg	45.91 315	eP	P	12 07 29.6 +1.3
KONO	comp-Z,125nm,1.9s	45.91 315	eP	P	12 07 29.8 +1.4
KONO			IAMB	IAMB	12 07 30.6
NIE	Niedzica	46.01 298	eP	P	12 07 30.7 +1.4
NIE	Niedzica	46.01 298	eP	P	12 07 30.7 +1.4
BOLV	Bolvadin	46.06 280	eP	P	12 07 30.8 +0.9
HUMF	Humele	46.13 290	iP	P	12 07 30.8 +0.5
DRGR	DRGR	46.14 294	iP	P	12 07 31.7 +1.3
DRGR	DRGR	46.14 294	iP	P	12 07 31.7 +1.3
PALK	Pallekele	46.16 201	eP	P	12 07 29.7 -1.0
PALK	Pallekele	46.16 201	eP	P	12 07 30.5 -0.3
PALK			pmax	pmax	
PALK	comp-Z,16nm,0.9s	46.16 201	eP	P	12 07 30.5 -0.3
PALK	Pallekele	46.16 201	eP	P	12 07 30.5 -0.3
SZJ	Sztrica	46.32 288	P	P	12 07 32.8 +1.1
JMB	Yambol	46.41 287	P	P	12 07 33.4 +1.0
ZIMR	ZIMR	46.42 289	iP	P	12 07 33.8 +1.3
ZIMR	ZIMR	46.42 289	iP	P	12 07 33.8 +1.3
KECS	Kecovo	46.43 297	eP	P	12 07 34.4 +1.9
KECS			pmax	pmax	
KECS	comp-Z,18nm,0.7s	46.43 297	eP	P	12 07 34.4 +1.9
DEV	Deva	46.55 293	iP	P	12 07 35.9 +2.4
DEV	Deva	46.55 293	iP	P	12 07 35.9 +2.4
KULM	Kulim	46.55 174	eP	P	12 07 32.8 -1.0
HYA	Hoyanger	46.59 318	eP	P	12 07 33.2 -0.3
HYA			IAMB	IAMB	12 07 33.3
LANS	Liptovska Anna	46.61 299	eP	P	12 07 36.1 +2.1
LANS	LANS	46.61 299	eP	P	12 09 20.7
LANS	Liptovska Anna	46.61 299	eP	P	12 07 36.1 +2.1
ASF	Jabal al Asfar	46.65 269	P	PP	12 09 20.7 -2.7
ASF					12 07 36.0 +1.4
FOO	Floro	46.83 319	IAMB	IAMB	12 07 36.9 +1.4
FOO			IAMB	IAMB	12 07 37.1
RGN	Rugen	46.85 308	eP	P	12 07 38.4 +2.7
ISP	Isparta	46.89 279	eP	P	12 07 37.1 +0.7
ISP			pmax	pmax	
ISP	comp-Z,62nm,1.1s	46.89 279	eP	P	12 07 37.1 +0.7
ISP	Isparta	46.89 279	eP	P	12 07 37.0 +0.7
OKC	Ostrava-Krasne	46.95 300	eP	P	12 07 38.0 +1.4
OKC			MLR	MLR	
OKC	comp-Z,700nm,15.6s	46.95 300	eP	P	12 07 38.0 +1.4
OKC	Ostrava-Krasne	46.95 300	eP	P	12 07 38.0 +1.4
OKC			AMS	AMS	12 28 20.0
CSS	Mathiatis	47.00 275	eP	P	12 07 37.6 +0.4
CSS					12 07 37.4 +0.2
CSS	Mathi				

26d 11h

LKWY	Lake	81.33	19	eP	P	12 11 23.8	+1.2
YFT	Old Faithful	81.35	19	eP	P	12 11 24.7	+1.9
HLID	Hailey	81.42	22	eP	P	12 11 22.2	-0.9
HLID	Hailey	81.42	22	eP	P	12 11 23.1	0.0
WVOR	Wild Horse Val	81.44	25	eP	P	12 11 24.0	+0.9
WVOR	Wild Horse Val	81.44	25	eP	P	12 11 24.0	+0.9
H17A	Grant Village	81.46	19	eP	P	12 11 24.7	+1.4
H17A	Grant Village	81.46	19	eP	P	12 11 25.4	+2.0
MOD	Modoc Plateau	81.49	26	eP	P	12 11 24.7	+1.3
E33A	Westby DABS, E	81.51	8	eP	P	12 11 22.5	-0.7
YPP	Pitchstone Pla	81.53	19	eP	P	12 11 25.6	+1.8
E34A	Wadena	81.57	8	eP	P	12 11 22.9	-0.7
E35A	Pequot Lakes	81.59	7	eP	P	12 11 22.9	-0.8
N02D	Trinity Center	81.66	29	eP	P	12 11 23.5	-0.8
E36A	McGregor	81.72	6	eP	P	12 11 23.7	-0.6
E38A	The Farm, Brul	81.73	5	eP	P	12 11 23.7	-0.7
F31A	Hecla	81.93	10	eP	P	12 11 24.7	-0.7
E40A	Wakefield	81.98	4	eP	P	12 11 25.2	-0.5
E41A	Kenton	82.00	3	eP	P	12 11 25.1	-0.7
E39A	Nellen	82.01	5	eP	P	12 11 25.1	-0.8
MOOW	Moose Ponds	82.04	19	eP	P	12 11 26.3	-0.1
FXWY	Fox Creek	82.09	19	eP	P	12 11 27.4	+0.7
F33A	5 Mile Ranch,	82.14	9	eP	P	12 11 25.8	-0.8
AS31	Alice Springs	82.21	145	eP	P	12 11 25.4	-1.7
ASAR	Alice Springs	82.21	145	eP	P	12 11 25.1	-2.0
AS23	Asar	82.23	145	eP	P	12 29 54.4	+0.1
AS01	Alice Springs	82.23	145	eP	P	12 11 24.0	-3.1
TPAW	Teton Pass	82.25	19	eP	P	12 11 28.7	+1.2
F35A	Swanville	82.27	7	eP	P	12 11 26.8	-0.5
F34A	Alexandria	82.28	8	eP	P	12 11 26.7	-0.6
F36A	Milaca	82.35	7	eP	P	12 11 26.9	-0.8
F38A	Pierce Schro	82.36	5	eP	P	12 11 27.0	-0.7
TOA0	Torodi Ar. Sit	82.37	281	eP	P	12 11 27.6	-0.7
TORD	Torodi Ar. Bea	82.37	281	eP	P	12 11 27.9	-0.4
REDW	Red Top Meadow	82.39	19	eP	P	12 11 30.3	+2.1
F39A	Loretta	82.46	5	eP	P	12 11 27.7	-0.5
F40A	Park Falls	82.49	4	eP	P	12 11 27.3	-1.1
F37A	Hinrichs Farm,	82.55	6	eP	P	12 11 28.0	-0.7
O03D	Naynes Creek	82.55	28	eP	P	12 11 28.8	-0.1
G31A	Conde	82.56	10	eP	P	12 11 28.3	-0.5
ALFO	Alfred	82.60	354	eP	P	12 11 28.2	-0.7
G32A	Webster	82.60	10	eP	P	12 11 28.3	-0.7
F43A	Flat Rock, Esc	82.68	2	eP	P	12 11 28.5	-0.9
PEMO	Pembroke	82.69	355	eP	P	12 11 28.7	-0.7
F41A	Three Lakes	82.72	4	eP	P	12 11 28.8	-0.8
G33A	Ortonville	82.77	9	eP	P	12 11 28.9	-0.9
G34A	Benou	82.80	8	eP	P	12 11 29.5	-0.5
F45A	CMU Biological	82.86	1	eP	P	12 11 29.6	-0.7
RSSD	Black Hills	82.88	14	eP	P	12 11 29.7	-1.0
RSSD	Black Hills	82.88	14	eP	P	12 11 31.1	+0.3
RSSD	Black Hills	82.88	14	eP	P	12 11 31.1	+0.3
G35A	Watkins	82.91	7	eP	P	12 11 29.5	-1.1
G36A	St. Michael	82.96	7	eP	P	12 11 29.9	-1.0
SPMN	Marine on St.	83.03	6	eP	P	12 11 30.5	-0.7
SPMN	Marine on St.	83.03	6	eP	P	12 11 30.8	-0.4
G39A	Holcombe	83.07	5	eP	P	12 11 30.5	-0.9
G40A	Rib Lake	83.14	4	eP	P	12 11 31.0	-0.8
G38A	Ridgeland	83.15	6	eP	P	12 11 31.0	-0.9
BW06	Boulder Array	83.22	19	eP	P	12 11 31.5	-1.1
PDAR	Pinedale Array	83.22	19	eP	P	12 11 30.8	-1.8
G42A	Mountain	83.24	3	eP	P	12 11 31.6	-0.6
G41A	Antigo	83.24	4	eP	P	12 11 31.6	-0.7
G43A	Wallace	83.24	3	eP	P	12 11 31.7	-0.6
H33A	Prehn Over Nor	83.25	9	eP	P	12 11 31.7	-0.7
ORV	Oroville	83.32	28	eP	P	12 11 32.4	-0.4
ORV	Oroville	83.32	28	eP	P	12 11 32.4	-0.4
PLVO	Plevna	83.32	355	eP	P	12 11 31.8	-0.9
PLVO	Plevna	83.32	355	eP	P	12 11 33.4	+0.7
H34A	Spellman Lake,	83.35	8	eP	P	12 11 32.4	-0.5
H32A	Carlson Farm,	83.35	10	eP	P	12 11 32.0	-0.9
BEKR	Beckworth	83.36	27	eP	P	12 11 33.8	+0.5
BANO	Bancroft	83.38	356	eP	P	12 11 32.4	-0.6
H35A	Sunnyside Ranc	83.40	8	eP	P	12 11 32.3	-0.8
HVU	Hansel Valley	83.49	21	eP	P	12 11 34.5	+0.6
HVU	Hansel Valley	83.49	21	eP	P	12 11 34.5	+0.6
H36A	Jessenland, Hs	83.60	7	eP	P	12 11 33.0	-1.1
H38A	Maiden Rock	83.61	6	eP	P	12 11 33.1	-1.1
H37A	Dierke Farm, C	83.67	6	eP	P	12 11 33.5	-1.0
H39A	Augusta	83.67	5	eP	P	12 11 33.7	-0.8
BMN	Battle Mountai	83.69	25	eP	P	12 11 35.6	+0.7
BMN	Battle Mountai	83.69	25	eP	P	12 11 35.6	+0.7
GLMI	Graying	83.72	0	eP	P	12 11 33.9	-0.9

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H40A	Chili	83.77	5	eP	P	12 11 34.3	-0.7
PAHR	Pah Ranch Range	83.78	27	eP	P	12 11 36.2	+0.8
H41A	Junction City	83.81	4	eP	P	12 11 34.3	-0.9
DELO	Deloro Mine	83.87	355	eP	P	12 11 34.7	-0.8
I33A	Coleman	83.87	9	eP	P	12 11 34.8	-0.8
CTAO	Charters Tower	84.00	133	eP	P	12 11 36.2	-0.1
CTAO	Charters Tower	84.00	133	eP	P	12 11 36.2	-0.1
AFDM	Forest Hills D	84.04	28	eP	P	12 11 37.2	+0.7
VCNR	Virginia City	84.09	27	eP	P	12 11 38.0	+1.0
I36A	Fitzsimmons Fa	84.14	7	eP	P	12 11 35.9	-1.0
I37A	Lemond, Waseca	84.19	7	eP	P	12 11 36.5	-0.7
ECSD	EROS Data Cent	84.20	9	eP	P	12 11 36.6	-0.6
ECSD	EROS Data Cent	84.20	9	eP	P	12 11 36.6	-0.6
I38A	Scanlan Farm,	84.24	6	eP	P	12 11 36.6	-0.8
PNTR	Pine Nut	84.30	27	eP	P	12 11 39.3	+1.1
I41A	Arkdale	84.36	4	eP	P	12 11 37.3	-0.7
TCUT	Toone Canyon	84.42	20	eP	P	12 11 39.6	+0.9
I32A	Parkston	84.43	10	eP	P	12 11 37.0	-1.4
I39A	Houston	84.48	5	eP	P	12 11 37.6	-1.0
I40A	Notwalk	84.49	5	eP	P	12 11 38.4	-0.3
I42A	Draeger Farm,	84.57	4	eP	P	12 11 38.3	-0.8
J33A	David	84.58	9	eP	P	12 11 38.3	-0.8
J34A	George	84.71	9	eP	P	12 11 39.3	-0.6
KVN	Kaiserville	84.75	26	eP	P	12 11 40.7	+0.3
KVN	Kaiserville	84.75	26	eP	P	12 11 40.6	+0.3
KOWA	Kowa	84.76	287	eP	P	12 11 40.2	-0.2
J36A	Seneca 1, Swea	84.81	7	eP	P	12 11 39.5	-0.8
J37A	Redenius Farm,	84.89	7	eP	P	12 11 40.2	-0.6
WAKR	Walker	84.89	27	eP	P	12 11 41.9	+0.8
JLU	Jordanelle	84.91	21	eP	P	12 11 42.4	+1.2
J38A	Wiel Dairy, R	84.95	6	eP	P	12 11 40.3	-0.8
J40A	Soldiers Grove	84.98	5	eP	P	12 11 40.5	-0.7
J39A	Deer Creek	84.98	6	eP	P	12 11 40.0	-1.2
DUG	Dugway, Toeole	84.99	22	eP	P	12 11 40.7	-0.8
DUG	Dugway, Toeole	84.99	22	eP	P	12 11 41.7	+0.2
DUG	Dugway, Toeole	84.99	22	eP	P	12 11 41.7	+0.2
J41A	Loganville	85.05	4	eP	P	12 11 40.5	-1.0
K32A	Verdigre	85.12	10	eP	P	12 11 41.1	-0.9
J42A	Columbus	85.13	4	eP	P	12 11 41.4	-0.5
NV01	Mina Array Sit	85.28	26	eP	P	12 11 43.3	+0.2
NVAR	Mina Array Bea	85.28	26	eP	P	12 11 43.6	+0.6
NVAR	Mina Array Bea	85.28	26	eP	P	12 11 43.6	+0.6
K33A	Hardington	85.28	10	eP	P	12 11 41.8	-0.9
K34A	Le Mars	85.29	9	eP	P	12 11 42.0	-0.7
NV11	Mina Array Sit	85.31	26	eP	P	12 11 43.7	+0.6
TYNO	Tyneside	85.38	357	eP	P	12 11 42.3	-0.9
NLU	North Lily Min	85.39	21	eP	P	12 11 44.2	+0.6
K37A	Belmond	85.42	7	eP	P	12 11 42.6	-0.8
K36A	Gilman City	85.48	8	eP	P	12 11 42.8	-0.9
JFWS	Jewell Farm	85.48	5	eP	P	12 11 42.8	-0.9
JFWS	Jewell Farm	85.48	5	eP	P	12 11 43.3	-0.4
JFWS	Jewell Farm	85.48	5	eP	P	12 11 43.3	-0.4
JFWS	Jewell Farm	85.48	5	eP	P	12 11 43.3	-0.4
K39A	Delwin	85.60	6	eP	P	12 11 43.1	-1.2
K40A	Colesburg	85.65	5	eP	P	12 11 43.9	-0.6
K42A	Prairie Point,	85.66	4	eP	P	12 11 43.7	-0.9
N23A	Red Feather La	85.71	16	eP	P	12 11 44.2	-1.0
N23A	Red Feather La	85.71	16	eP	P	12 11 46.6	+1.4
L32A	Elgin	85.76	10	eP	P	12 11 44.8	-0.3
K43A	Burlington	85.77	3	eP	P	12 11 45.9	+0.7
K41A	Shulburg	85.79	5	eP	P	12 11 44.4	-0.8
MDPB	Devils Postpil	85.80	27	eP	P	12 11 47.0	+1.3
L35A	Bielaw Farm, R	85.91	9	eP	P	12 11 45.0	-0.9
L34A	Svensen Farm,	85.97	9	eP	P	12 11 45.4	-0.7
L36A	Harm Buss Farm	86.00	8	eP	P	12 11 45.6	-0.7
O20A	White River Ci	86.02	18	eP	P	12 11 45.8	-0.9
O20A	White River Ci	86.02	18	eP	P	12 11 47.3	+0.6
L37A	Phoenix Point,	86.05	7	eP	P	12 11 45.4	-1.1
R11A	Troy Canyon, C	86.07	24	eP	P	12 11 46.0	-0.9

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like Winchester, Mont Chateau, Great Sand Dun, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like Diamond, Mansfield, Warramunga Arr, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like Charters Tower, Warramunga Arr, ASAR, etc.

IDC 26 12:12:19.1-0.6, 24:61S:177:18W, h0km, mb4.4/12, mb1.4/6/13, mb1mx4.3/4.1, mbmtpd4.1/3, ML5.2/1, MS4.2/27, MS1.4/2/27, ms1mx4.2/39, Error ellipse: s-maj=24.7km, s-min=18.1km az=157.0

ISCJB 26 12:12:22.7-0.2, 24:70S:0:05:177:51W, h10km, mb4.9/62, MS4.3/27, Error ellipse: s-maj=9.4km, s-min=5.8km az=135.7

GCMT 26 12:12:23.5-0.3, 24:92S:177:07W, h12km, 1km, MW5.0/75, Moment Tensor Solution, s25,c32; s75,c11; Duration: 0

ISC 26 12:12:23.1-0.4, 24:58S:0:07:27:3W, 0.1, h10km, m173, c178/144, mb5.0/62, MS4.2/47, 12-30, South of Havel Islands

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like Raoul Island, Omahuta, Rarotonga, etc.

IDC 26 12:06:09.6-9.4, 13:89S:167.02E, h257km, 90km, mb3.4/3, mb1.3.5/4, mb1mx3.1/49, mbmtpd4.0/4, Error ellipse: s-maj=83.5km s-min=34.6km az=3.0, Vanuatu Islands

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MAK1 Makanchi Array, BOD Bodaibo, GTA Gaotai, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like VRH Novokhoporsky, CMAR Chiang Mai Arr, OBNS Obninsk, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like JOD2 Odawara 2, JYD Shimob, JHU Hanno, etc.

MOS 26 13:02.35.3z: 1.1, 51.780N:95.92E, h9km, mb4.9/34, MS4.0/12, Error ellipse: s-maj=6.6km s-min=4.8km az=21.5

BUI 26 13:06.35.1, 51.922N:95.69E, h9km, mb4.5/29, mb4.8/29, ML5.0/2, MS4.5/29, MS7.4/329

NEIC 26 13:06.36.0.2, 51.791N:95.90E, h10km, mb4.9/33, Error ellipse: s-maj=5.0km s-min=3.3km az=184.0

NEIC Felt at Krasnoyarsk, Zheleznogorsk and Zima. ASRS 26 13:06.36.4.0, 51.781N:95.91E, h15km, MS4.2/3

ISC 26 13:06.37.0.3, 51.911N:100.03, 95.79E, 0.02, h10km, n315, e198/343, mb4.6/105, MS3.7/23, 31C-22D, Southwestern Siberia

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KZLR Kyzyl, KZLR Kyzyl, KZLR Kyzyl, etc.

NIED 26 13:01:00, 35.50N:139.00E, h14km, Mw3.4 Best double couple: M1:30000*1014 NP1:244.00000, 337.00000, 1.107.00000

26d 13h

Table with columns for station code, name, frequency, and other technical details. Includes stations like NVS Novosibirsk, SEM Semipalatinsk, and various regional stations.

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Table with columns for station code, name, frequency, and other technical details. Includes stations like AML Almayashu, KSH Kashi, and various regional stations.

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Table with columns for station code, name, frequency, and other technical details. Includes stations like KS15 Wonju Array Si, KSAR Wonju Array Be, and various regional stations.

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like NC204, NBO02, NBO00, etc.

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like LPL, BNI, BNI, etc.

IDC 26 13:09:58.9z, 0.86S, 127.92E, h0km, mb3.5/2, mb1 3.7/3, mb1mx3.4/59, mbtmpp3.4/3, ML3.4/1, MS3.7/1, Ms1 3.7/1, ms1mx2.6/35, Error ellipse: s-maj=138.8km s-min=31.1km az=87.0, Halmahera

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like WRA, ASAR, etc.

ROM 26 13:12:39.8z, 0.3, 40.78N x 154.1E, h14km, 4km, Md1.5/3, M10.6/2, Error ellipse: s-maj=2.8km s-min=1.7km

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like MRLC, MCRV, etc.

IDC 26 13:13:03.0z, 1.9, 19.33S, 169.00E, h64km, 15km, mb4.3/26, mb1 4.4/28, mb1mx4.3/42, mbtmpp4.6/28, MS3.6/6, Ms1 3.3/6, ms1mx3.0/39, Error ellipse: s-maj=14.7km s-min=11.4km az=102.0

WEL 26 13:13:04.0, 19.22S, 169.00E, h86km

NEIC 26 13:13:04.9z, 0.9, 19.38S, 169.00E, h86km, 8km, mb4.8/41, Error ellipse: s-maj=5.5km s-min=5.3km az=190.0

ISCJB 26 13:13:05.9z, 0.2, 19.36S, 0.03, 168.86E, 0.04, h104km, mb4.6/58, Error ellipse: s-maj=5.5km s-min=3.8km

ISC 26 13:13:07.1z, 0.4, 19.38S, 0.05, 168.92E, 0.06, h104km, n168, 1934/167, mb4.7/57, 3C, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like DZM, DZM, HNR, etc.

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like CTAO, QRZ, PRZ, etc.

Table with columns: ICAO, Name, Frequency, Mode, Power, and other technical details. Includes stations like BATI, KBKI, WBSI, MTN, etc.

Table with columns: ICAO, Name, Frequency, Mode, Power, and other technical details. Includes stations like CHTO, CHTO, CHTO, HNR, etc.

Table with columns: ICAO, Name, Frequency, Mode, Power, and other technical details. Includes stations like BOD, HVS, YAK, YAK, etc.

42A	Drager Farm, baz=311,SNR=5.5	55.33	61	P	P	14 38 50.4	-0.4
ZALV	Zalesovo Beam baz=311,SNR=5.2	55.34	315	P	P	14 38 50.4	-0.3
ZALV	comp=2.0,7nm,0.4s,baz=51,slow=7.7,SNR=5.2				PcP	14 39 51.2	+0.6
ZALV	comp=2.3,1nm,0.7s,baz=45,slow=3.4,SNR=9.2				ScP	14 43 44.5	-0.3
ZALV	comp=2.0,2nm,0.3s,baz=46,slow=4.2,SNR=2.0				ScP	14 38 49.7	-0.9
ZALV	Zalesovo Beam baz=311,SNR=5.2	55.34	315	P	P	14 39 50.6	0.0
ZALV	comp=2.0,7nm,0.4s,baz=51,slow=7.7,SNR=5.2				PcP	14 38 50.4	-0.3
ZALV	comp=2.3,1nm,0.7s,baz=45,slow=3.4,SNR=9.2				ScP	14 43 44.5	-0.3
K41A	Shullsburg baz=311,SNR=8.7	55.40	63	P	P	14 38 50.4	-0.9
P38A	Dawn baz=312	55.54	68	P	P	14 38 51.7	-0.6
J42A	Columbus baz=311	55.59	62	P	P	14 38 52.0	-0.6
S36A	Lake Cedric, C baz=312	55.61	71	P	P	14 38 52.0	-0.9
L41A	Preston baz=311	55.64	64	P	P	14 38 52.1	-0.9
E45A	Wooded Hills, baz=311	55.70	57	P	P	14 38 53.5	+0.1
WMOK	Wichita Mounta baz=313,SNR=6.5	55.73	76	P	P	14 38 53.6	-0.2
WMOK	Wichita Mounta baz=313,SNR=6.5	55.73	76	P	P	14 38 53.6	-0.2
WMOK	comp=2.7,0nm,0.8s				Pmax		
WMOK	Wichita Mounta comp=2.6,9nm,0.8s	55.73	76	P	P	14 38 53.6	-0.2
I43A	Langenfeld Bro baz=311	55.75	61	P	P	14 38 53.3	-0.5
K42A	Prairie Point, baz=311	55.82	63	P	P	14 38 53.7	-0.6
N40A	Mertquake, Sal baz=312	55.82	66	P	P	14 38 53.2	-1.1
T36A	Boggs Farm, Ca baz=312	55.89	72	P	P	14 38 53.9	-1.0
J43A	Natural Harves baz=312	55.93	62	P	P	14 38 54.5	-0.6
S37A	Fort Scott baz=312	56.04	70	P	P	14 38 55.5	-0.7
M41A	Milan baz=312	56.08	65	P	P	14 38 55.5	-0.7
P39B	Salisbury baz=312,SNR=5.6	56.08	68	P	P	14 38 55.5	-0.7
LP1G	La Paz comp=2.40nm,18.4s,baz=264,slow=33	56.09	93	LR	LR	15 00 39.0	
LP1G	comp=2.34nm,0.3s,baz=52,slow=2.5,SNR=8.8				P	15 08 51.8	
O40A	La Belle baz=312,SNR=5.6	56.16	67	P	P	14 38 56.2	-0.6
F46A	Macinaw City C baz=312	56.30	57	P	P	14 38 57.7	0.0
T37A	Cheneyville 18 baz=313,SNR=5.1	56.41	71	P	P	14 38 57.7	-0.9
OK022	N3560 Road, Pr comp=2.20nm,1.4s	56.45	74	P	P	14 38 58.4	-0.6
P40A	Paris baz=312,SNR=12	56.46	67	P	P	14 38 58.2	-0.7
TX31	Lajitas Ar. Si baz=312	56.47	84	P	P	14 38 58.5	-0.8
TXAR	Lajitas Array comp=2.1,4nm,0.7s,baz=301,slow=4.9,SNR=20	56.47	84	P	P	14 38 58.9	-0.4
TXAR	comp=2.2,4nm,0.6s,baz=302,slow=5.3,SNR=8.2				P	14 39 12.6	-0.5
TXAR	comp=2.48nm,18.3s,baz=0.0,slow=35				LR	15 02 44.1	
TXAR	comp=2.0,5nm,0.9s,baz=159,slow=2.7,SNR=4.1				P	15 09 11.2	
ABTX	Abilene, Hawle baz=314	56.65	78	P	P	14 39 00.7	+0.3
S38A	Stockton baz=313	56.66	70	P	P	14 38 59.0	-1.4
TUL1	Leonard baz=313	56.72	73	P	P	14 39 00.8	0.0
N42A	Yates City baz=313	56.73	65	P	P	14 38 60.0	-0.8
O41A	Passleys Farm, baz=312	56.73	66	P	P	14 39 00.8	-0.1
T38A	Diamond baz=311	56.84	71	P	P	14 39 00.7	-1.0
P41A	Barry, Barry baz=312	56.93	66	P	P	14 39 01.3	-0.9
S39A	Bolivar baz=313	56.96	70	P	P	14 39 00.8	-1.7
GLM1	Graying baz=312	57.01	58	P	P	14 39 02.2	-0.6
R40A	Maddies Statio baz=313	57.17	68	P	P	14 39 02.4	-1.6
Q41A	Truxton baz=313,SNR=5.3	57.32	67	P	P	14 39 04.1	-0.9
HD1L	Hopedale baz=313	57.33	65	P	P	14 39 04.3	-0.8
HD1L	Hopedale comp=2.30nm,0.8s	57.33	65	P	P	14 39 03.5	-1.6
LZH	Lanzhou	57.34	288	eP	P	14 39 05.5	+0.1
LZH					sP	14 39 24.5	-0.6
LZH					sP	14 39 33.5	+1.4
LZH					eP	14 41 14.5	+1.8
T39A	Clever baz=313,SNR=5.8	57.38	70	P	P	14 39 04.2	-1.3
GTA	Gaotai	57.42	294	eP	P	14 39 06.3	+0.4
GTA					sP	14 39 22.3	+2.5
GTA					pP	14 39 29.3	+3.7
IM44A	Midewin, Midew baz=313	57.47	63	P	P	14 39 05.6	-0.4
S40A	Lebanon baz=313	57.50	69	P	P	14 39 06.1	-0.2
R41A	Rosebud baz=313	57.68	68	P	P	14 39 06.2	-1.3
Q42A	Golden Eagle baz=313,SNR=8.4	57.74	67	P	P	14 39 07.3	-0.7
U39A	Green Forest baz=313	57.76	71	P	P	14 39 07.0	-1.2
T40A	Mansfield baz=313	57.80	70	P	P	14 39 07.0	-1.4
P43A	Skaggs, Pawnee baz=313	57.83	65	P	P	14 39 07.9	-0.6
X37A	Clayton baz=314,SNR=6.1	57.87	74	P	P	14 39 08.7	-0.3
X37A	Clayton comp=2.24nm,1.3s	57.87	74	P	P	14 39 08.2	-0.7
CCM	Cathedral Cave baz=313	57.92	68	P	P	14 39 07.8	-1.5
S41A	Jilco Farms, baz=313,SNR=8.7	57.95	69	P	P	14 39 08.2	-1.3
ENH	Enshi comp=2.18nm,0.7s	57.96	279	eP	P	14 39 08.6	-1.0
V39A	Pettigrew baz=314	58.04	71	P	P	14 39 09.2	-0.9
JCT	Junction City baz=315	58.05	80	P	P	14 39 10.1	-0.2
W38A	Poteau baz=314,SNR=5.6	58.05	73	P	P	14 39 10.0	-0.1
O44A	Mansfield baz=313	58.07	64	P	P	14 39 09.8	-0.4
ARCES	ARCCESS Array B comp=2.5,2nm,0.8s,baz=17,slow=6.4,SNR=10	58.09	352	P	P	14 39 09.4	-0.6
ARCES	comp=2.1,0nm,0.5s,baz=359,slow=3.7,SNR=5.8				PcP	14 40 01.1	-0.1
U40A	Yelville baz=314	58.15	70	P	P	14 39 09.7	-1.2
Q43A	New Douglas baz=313	58.20	66	P	P	14 39 10.7	-0.5
TOB0	Tobermory, Bru baz=313	58.35	56	P	P	14 39 11.4	-0.8
S42A	Caledonia baz=313	58.37	68	P	P	14 39 11.6	-0.9
SCHO	Schefferville baz=313	58.37	40	P	P	14 39 10.4	-1.8
W39A	Magazine comp=2.3,5nm,0.6s,baz=17,slow=3.5,SNR=5.6	58.40	72	P	P	14 39 12.6	0.0
WHXT	Lake Whitney, baz=314	58.42	77	P	P	14 39 12.9	+0.1
O45A	Potomac baz=313	58.42	64	P	P	14 39 12.2	-0.5
FVM	French Village	58.44	67	eP	Pmax	14 39 11.9	-1.0
FVM	comp=2.8,0nm,0.6s				Pmax		
FVM	French Village comp=2.8,3nm,0.6s	58.44	67	P	P	14 39 11.9	-1.0
P44A	Sand Creek, Wi baz=313,SNR=7.6	58.45	65	P	P	14 39 12.5	-0.4
R43A	Red Bud baz=313	58.52	67	P	P	14 39 12.4	-1.1
N46A	Monticello baz=313	58.53	63	P	P	14 39 13.0	-0.4

V40A	Witts Springs baz=314,SNR=7.0	58.54	71	P	P	14 39 12.9	-0.8
X39A	Fountain Ranch baz=314,SNR=6.1	58.67	73	P	P	14 39 14.7	+0.2
SFIN	Lafayette baz=313,SNR=6.2	58.68	63	P	P	14 39 14.2	-0.3
SFIN	Lafayette comp=2.23nm,0.8s	58.68	63	eP	P	14 39 13.7	-0.8
T42A	Van Buren comp=2.2,2nm,0.8s	58.71	69	P	P	14 39 12.9	-1.8
W40A	Ferguson Farm, baz=314	58.82	72	P	P	14 39 15.2	-0.4
P45A	Graceland, Par baz=314	58.90	64	P	P	14 39 16.0	-0.1
S43A	Fulton Ridge, baz=314	58.92	68	P	P	14 39 15.6	-0.6
KLBO	Killbear Provi baz=314	58.94	55	P	P	14 39 16.2	0.0
V41A	Mountainview baz=314	58.95	70	P	P	14 39 15.3	-1.2
MIAR	Mount Ida baz=314,SNR=5.8	58.97	72	P	P	14 39 16.2	-0.4
MIAR	Mount Ida comp=2.14nm,1.0s	58.97	72	eP	Pmax	14 39 16.2	-0.4
MIAR	Mount Ida comp=2.14nm,1.0s	58.97	72	eP	P	14 39 16.2	-0.4
R44A	Warville baz=314	59.03	66	P	P	14 39 16.3	-0.7
BRCO	Bruce Peninsul baz=314	59.07	57	P	P	14 39 17.0	-0.2
Q45A	Warren Harvey, baz=314	59.11	65	P	P	14 39 17.0	-0.4
T43A	Greenville baz=314,SNR=14	59.14	68	P	P	14 39 16.7	-1.0
OLIL	Olney comp=2.56nm,1.6s	59.25	65	eP	P	14 39 17.5	-1.0
O47A	Sheridan baz=314,SNR=8.0	59.29	63	P	P	14 39 18.1	-0.6
W41B	Gary Mavity, V baz=314	59.32	71	P	P	14 39 17.8	-1.2
X40A	Basin Creek Fa baz=314	59.45	72	P	P	14 39 19.8	-0.1
R45A	Skylar, Fairir baz=314	59.45	66	P	P	14 39 19.2	-0.7
T44A	Warville baz=314	59.54	68	P	P	14 39 19.7	-0.8
H06E1	SOCORRO T-PHAS comp=2.14nm,1.0s	59.67	98	T	T	15 44 07.0	
P47A	Martinsville baz=314,SNR=9.1	59.76	64	P	P	14 39 21.5	-0.5
BLO	Bloomington	59.83	64	eP	Pmax	14 39 21.8	-0.7
BLO	Bloomington comp=2.14nm,0.8s	59.83	64	eP	P	14 39 21.8	-0.7
BLO	Bloomington comp=2.28nm,1.0s	59.83	64	eP	P	14 39 22.4	-0.3
ELFO	Elginfield baz=314	59.87	58	P	P	14 39 23.5	0.0
Z40A	Long Farm, Mag baz=314	59.97	73	P	P	14 39 23.5	0.0
Q47A	Bedford North L baz=314	60.05	64	P	P	14 39 23.8	-0.1
PEMO	Pembroke baz=315	60.21	53	P	P	14 39 23.9	-1.0
ACTO	Acton baz=315	60.23	56	P	P	14 39 24.9	-0.3
KURK	Kurchatov	60.32	315	eP	P	14 39 24.8	-0.8
KURK	KURK comp=2.14nm,0.3s	60.32	315	eP	Pmax	14 40 11.1	
KURK	KURK comp=2.14nm,0.3s	60.32	315	eP	Pmax	14 39 24.8	-0.8
KURK	KURK comp=2.14nm,0.3s	60.32	315	eP	Pmax	14 40 11.1	+0.8
BANO	Bancroft baz=315,SNR=5.3	60.33	54	P	P	14 39 26.2	+0.4
KURBB	Kurchatov Arra comp=2.5,0nm,0.4s,baz=44,slow=6.5,SNR=98	60.42	315	P	P	14 39 25.1	-1.3
KURBB	comp=2.1,6nm,0.6s,baz=44,slow=6.5,SNR=98				PcP	14 40 11.1	+0.3
PKRO	Pickering baz=315	60.49	56	P	P	14 39 27.6	+0.7
WCI	Wyandotte Cave baz=315	60.62	65	P	P	14 39 27.7	-0.1
WCI	Wyandotte Cave comp=2.52nm,1.8s	60.62	65	eP	Pmax	14 39 27.2	-0.7
WCI	Wyandotte Cave comp=2.52nm,1.8s	60.62	65	eP	P	14 39 27.2	-0.7
TYNO	Tyneside baz=315	60.69	57	P	P	14 39 28.9	+0.6
PLVO	Plevna baz=315	60.74	54	P	P	14 39 28.6	0.0
DELO	Deloro Mine baz=315						

26d 15h

Table with columns: CLL, Colim, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Chios island, Fo'sa, Yalilvak-BoDr, Tasoluk, Bodrum, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Chios island, Fo'sa, Yalilvak-BoDr, Tasoluk, Bodrum, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Lake Baykal region, Maximikha, Kotokel, Ongureny, Suvo, etc.

26d 15h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Sierra Gorda, Los Guajares, Quesada, and many others.

2012 FEB

Table with columns for station name, frequency, power, and other technical details. Includes stations like Barrancos, Badajoz, Font Roja, and many others.

1460

Table with columns for station name, frequency, power, and other technical details. Includes stations like Marletele, Nicolau / Gran, Sao Teotonio, and many others.

MVO	comp=N,9.0nm,0.2s,SNR=18	eSn	Sg	15 33 40.6	-0.2
MVO		eSg	Sg	15 34 06.2	-0.7
PVIS	comp=N,7.2nm,0.6s	ePn	Pn	15 32 47.8	+1.1
PVIS		eSn	Pn	15 33 40.4	-1.4
PVIS		A	A	15 34 19.5	
PVIS	comp=N,30nm,0.4s	ePn	Pn	15 32 47.8	+1.1
PVIS		eSn	Pn	15 33 40.4	-1.4
PVIS		A	A	15 34 19.5	
KIB	comp=N,15nm,0.4s	iP	Pn	15 32 50.0	+1.9
KIB		iS	Pn	15 33 40.0	-2.4
ERTA	Horta de San J	5.04 39	Pn	15 32 52.0	+1.7
ERTA	comp=N,2.3nm,0.3s,SNR=7.9	Lg	Lg	15 34 15.4	
ERTA	Horta de San J	5.04 39	Pn	15 32 52.0	+1.7
ERTA	comp=N,1.5nm,0.3s,SNR=7.9	Lg	Lg	15 34 15.4	
ZFT	Errachidia	5.09 185	eP	15 32 54.0	+2.8
PVRL	Vila Real	5.11 325	ePn	15 32 53.0	+1.6
PVRL		eSn	Sg	15 33 48.4	-1.9
PVRL		eSg	Sg	15 34 18.2	-1.1
PVRL		A	A	15 34 25.3	
PVRL	comp=N,5.2nm,0.5s	Pn	Pn	15 32 53.0	+1.6
PVRL		Sg	Lg	15 33 48.4	-1.9
PVRL		Lg	Lg	15 34 18.2	
PVRL	comp=N,2.6nm,0.5s	Pn	Pn	15 32 53.0	+1.6
PVRL		Sg	Sg	15 33 48.4	-1.9
PVRL		eSg	Sg	15 34 18.2	-1.1
PVRL		A	A	15 34 25.3	
PBRG	comp=N,5.2nm,0.5s	ePn	Pn	15 32 53.5	+1.2
PBRG	Braganca	5.18 335	eSg	15 34 20.6	-0.8
PBRG		A	A	15 34 32.9	
PBRG	comp=N,2.5nm,0.6s	Pn	Lg	15 32 53.5	+1.2
PBRG		Lg	Lg	15 34 20.6	
PBRG	comp=N,1.3nm,0.6s	Pn	Sg	15 32 53.5	+1.2
PBRG		eSg	Sg	15 34 20.6	-0.8
POLO	comp=N,2.5nm,0.6s	ePn	Pn	15 32 54.5	+1.5
POLO	Lamas de Olo	5.23 326	eSn	15 33 50.6	-2.6
POLO		eSg	Sg	15 34 21.8	-1.1
POLO		A	A	15 34 31.2	
POLO	comp=N,2.0nm,0.5s	ePn	Pn	15 32 54.5	+1.5
POLO	Lamas de Olo	5.23 326	eSn	15 33 50.6	-2.6
POLO		eSg	Sg	15 34 21.8	-1.1
POLO		A	A	15 34 31.2	
ESAC	comp=N,20nm,0.5s	Pn	Pn	15 32 56.2	+2.3
ESAC	San Caprasio	5.30 29	Sn	15 33 55.4	+0.6
ESAC	comp=N,6.4nm,0.2s,SNR=7.9	Sn	Sn	15 33 55.4	+0.6
ESAC	comp=N,4.8nm,0.4s,SNR=7.9	Lg	Lg	15 34 26.2	
ESAC	San Caprasio	5.30 29	Pn	15 32 56.2	+2.3
ESAC	comp=N,6.4nm,0.2s,SNR=7.9	Sn	Sn	15 33 55.4	+0.6
ESAC	comp=N,4.8nm,0.4s,SNR=7.9	Lg	Lg	15 34 26.2	
ESAC	comp=N,7.4nm,0.3s,SNR=7.9	Lg	Lg	15 34 26.2	
ECAL	Calabor	5.30 336	Pn	15 32 55.4	+1.4
ECAL	comp=N,1.3nm,0.3s,SNR=7.9	Sn	Sn	15 33 53.0	-1.9
ECAL	comp=N,6.5nm,0.3s,SNR=7.9	Lg	Lg	15 34 23.9	
ECAL	comp=N,7.7nm,0.5s,SNR=7.9	Pn	Pn	15 32 55.4	+1.4
ECAL	Calabor	5.30 336	eSn	15 33 53.0	-1.9
ECAL	comp=N,1.3nm,0.3s,SNR=7.9	Sn	Sn	15 33 53.0	-1.9
ECAL	comp=N,6.5nm,0.3s,SNR=7.9	Lg	Lg	15 34 23.9	
ECAL	comp=N,7.7nm,0.5s,SNR=7.9	Lg	Lg	15 34 23.9	
TZC	Tazercounte	5.41 204	eP	15 32 57.0	+1.4
PTO	Porto	5.44 319	ePn	15 32 57.1	+1.2
PTO	Porto	5.44 319	Pn	15 32 57.1	+1.2
PTO	Porto	5.44 319	Pn	15 32 57.1	+1.2
PCAB	Cabril	5.60 326	ePn	15 32 59.8	+1.7
PCAB		eSn	Sg	15 34 00.2	-2.1
PCAB		eSg	Sg	15 34 33.2	-1.7
PCAB		A	A	15 34 39.8	
PCAB	comp=N,50nm,0.6s	Pn	Pn	15 32 59.8	+1.7
PCAB		Sg	Lg	15 34 00.2	-2.1
PCAB		Lg	Lg	15 34 33.2	-1.7
PCAB	comp=N,25nm,0.6s	Pn	Pn	15 32 59.8	+1.7
PCAB		Sg	Sg	15 34 00.2	-2.1
PCAB		eSg	Sg	15 34 33.2	-1.7
EPOB	comp=N,50nm,0.6s	Pn	Pn	15 33 01.2	+1.6
EPOB	Poblet	5.71 41	Sn	15 33 01.2	+1.6
EPOB	comp=N,7.5nm,0.4s,SNR=7.9	Sn	Sn	15 34 04.7	-0.3
EPOB	comp=N,3.2nm,0.4s,SNR=7.9	Lg	Lg	15 34 35.2	
EPOB	comp=N,4.7nm,0.4s,SNR=7.9	Pn	Pn	15 33 01.2	+1.6
EPOB	comp=N,7.5nm,0.4s,SNR=7.9	Sn	Sn	15 34 04.7	-0.3
EPOB	comp=N,3.2nm,0.4s,SNR=7.9	Lg	Lg	15 34 35.2	
ELOB	comp=N,4.7nm,0.4s,SNR=7.9	Pn	Pn	15 33 01.1	+1.0
ELOB	Lobios	5.74 327	Pn	15 34 02.1	-3.7
ELOB	comp=N,0.4nm,0.1s,SNR=7.9	Sn	Sn	15 34 35.3	
ELOB	comp=N,9.6nm,0.3s,SNR=7.9	Lg	Lg	15 33 01.1	+1.0
ELOB	comp=N,3.4nm,0.4s,SNR=7.9	Lg	Lg	15 34 02.1	-3.7
ELOB	Lobios	5.74 327	Pn	15 33 01.1	+1.0
ELOB	comp=N,0.4nm,0.1s,SNR=7.9	Lg	Lg	15 34 35.3	
ELOB	comp=N,3.4nm,0.4s,SNR=7.9	Sn	Sn	15 33 03.5	+1.7
ETOS	Mallorca	5.88 61	Pn	15 33 07.5	-1.5
ETOS	comp=N,1.3nm,0.2s,SNR=7.9	Sn	Sn	15 33 03.5	+1.7
ETOS	comp=N,2.5nm,0.4s,SNR=7.9	Sn	Sn	15 33 07.5	-1.5
ETOS	Mallorca	5.88 61	Pn	15 33 03.5	+1.7
ETOS	comp=N,1.3nm,0.2s,SNR=7.9	Sn	Sn	15 33 07.5	-1.5
EARA	Aranguren	5.91 17	Pn	15 33 03.9	+1.5
EARA	comp=N,8.2nm,0.4s,SNR=7.9	Sn	Sn	15 34 09.6	-0.4
EARA	comp=N,5.0nm,0.2s,SNR=4.0	Lg	Lg	15 34 46.4	
EARA	comp=N,20nm,0.3s,SNR=7.9	Pn	Pn	15 33 03.9	+1.5
EARA	Aranguren	5.91 17	Sn	15 34 09.6	-0.4
EARA	comp=N,8.2nm,0.4s,SNR=7.9	Sn	Sn	15 34 46.4	
EARA	comp=N,5.0nm,0.2s,SNR=4.0	Lg	Lg	15 34 46.4	
EARA	comp=N,20nm,0.3s,SNR=7.9	Lg	Lg	15 34 46.4	
EARA	Aranguren	5.91 17	P	15 33 04.1	+1.8
PGAV	Gavieira, Arco	5.91 326	ePn	15 33 04.0	+1.6
PGAV		eSn	Sg	15 34 08.0	-2.1
PGAV		eSg	Sg	15 34 42.4	-2.5
PGAV		A	A	15 34 56.8	
PGAV	comp=N,33nm,0.6s	ePn	Pn	15 33 04.0	+1.6
PGAV		eSn	Sg	15 34 08.0	-2.1
PGAV		eSg	Sg	15 34 42.4	-2.5
PGAV		A	A	15 34 56.8	
IELO	comp=N,33nm,0.6s	Pn	Pn	15 33 05.4	+0.9
IELO	Elcoad	6.06 19	Sn	15 34 13.5	-0.2
IELO	comp=N,6.1nm,0.2s,SNR=7.9	Lg	Lg	15 34 49.1	
IELO	comp=N,4.0nm,0.3s,SNR=7.9	Lg	Lg	15 33 05.4	+0.9
IELO	Elcoad	6.06 19	Pn	15 34 13.5	-0.2
IELO	comp=N,6.1nm,0.2s,SNR=7.9	Sn	Sn	15 34 13.5	-0.2
IELO	comp=N,4.0nm,0.3s,SNR=7.9	Lg	Lg	15 34 49.1	
EORO	comp=N,40nm,0.8s,SNR=7.9	Pn	Pn	15 33 05.8	+1.0
EORO	Oroz-Betelu	6.09 18	Pn	15 33 05.8	+1.0
EORO	comp=N,9.0nm,0.4s,SNR=7.9	Lg	Lg	15 33 05.8	+1.0
EORO	comp=N,69nm,0.6s,SNR=7.9	Pn	Pn	15 33 05.8	+1.0
EORO	Oroz-Betelu	6.09 18	Pn	15 33 05.8	+1.0
EORO	comp=N,9.0nm,0.4s,SNR=7.9	Lg	Lg	15 33 05.8	+1.0

EORO	comp=N,69nm,0.6s,SNR=7.9	Lg	Lg	15 34 49.7	
ELAN	Lanestosa	6.11 3	Pn	15 33 07.2	+2.1
ELAN	comp=N,2.0nm,0.2s,SNR=7.9	Sn	Sn	15 34 13.9	-1.0
ELAN	comp=N,6.4nm,0.4s,SNR=7.9	Lg	Lg	15 34 53.1	
ELAN	comp=N,4.3nm,0.2s,SNR=7.9	Pn	Pn	15 33 07.2	+2.1
ELAN	Lanestosa	6.11 3	Sn	15 34 13.9	-1.0
ELAN	comp=N,2.0nm,0.2s,SNR=7.9	Sn	Sn	15 34 13.9	-1.0
ELAN	comp=N,6.4nm,0.4s,SNR=7.9	Lg	Lg	15 34 53.1	
ELAN	comp=N,4.3nm,0.2s,SNR=7.9	Pn	Pn	15 33 08.9	+1.7
EARI	Arriondas	6.26 351	Pn	15 34 55.4	
EARI	comp=N,1.6nm,0.4s,SNR=7.9	Lg	Lg	15 33 08.9	+1.7
EARI	comp=N,9.7nm,0.6s,SNR=7.9	Lg	Lg	15 34 55.3	
SJPF	Ste Jean	6.32 18	ePn	15 33 09.3	+1.4
SJPF		eSn	Sg	15 34 17.9	-2.1
SJPF		eSg	Sg	15 34 56.4	-1.5
SJPF	comp=N,22nm,0.6s	Pn	Pn	15 33 09.3	+1.4
SJPF	Ste Jean	6.32 18	Pn	15 34 17.9	-2.1
SJPF		Lg	Lg	15 34 56.4	-1.5
SJPF	comp=N,11nm,0.6s	Pn	Pn	15 33 09.3	+1.4
SJPF	Ste Jean	6.32 18	eSg	15 34 56.4	-1.5
EALK	Alkurruntz	6.36 16	Pn	15 33 10.0	+1.5
EALK	comp=N,8.3nm,0.4s,SNR=7.9	Sn	Sn	15 34 19.8	-1.1
EALK	comp=N,15nm,0.4s,SNR=7.9	Lg	Lg	15 35 01.3	
EALK	comp=N,20nm,0.3s,SNR=7.9	Pn	Pn	15 33 10.0	+1.5
EALK	Alkurruntz	6.36 16	Sn	15 34 19.8	-1.1
EALK	comp=N,8.3nm,0.4s,SNR=7.9	Sn	Sn	15 33 10.0	+1.5
EALK	comp=N,15nm,0.4s,SNR=7.9	Lg	Lg	15 35 01.3	
EALK	comp=N,20nm,0.3s,SNR=7.9	Pn	Pn	15 33 09.9	+1.5
EALK	Alkurruntz	6.36 16	S	15 34 20.0	-0.9
ATE	Arete	6.43 21	Pn	15 33 12.0	+2.5
ATE	comp=N,4.6nm,0.3s,SNR=7.9	Sn	Sn	15 34 21.8	-1.0
ATE	comp=N,4.1nm,0.3s,SNR=7.9	Lg	Lg	15 35 01.4	
ATE	Arete	6.43 21	P	15 33 11.7	+2.2
ATE	Arete	6.43 21	Pn	15 33 12.0	+2.5
ATE	comp=N,4.6nm,0.3s,SNR=7.9	Sn	Sn	15 34 21.8	-1.0
ATE	comp=N,4.1nm,0.3s,SNR=7.9	Lg	Lg	15 35 01.4	
ORDF	Ordriap	6.49 19	Pn	15 33 12.4	+2.2
CSOR	Sort	6.51 35	Pn	15 33 12.1	+1.4
CSOR	comp=N,4.2nm,0.4s,SNR=7.9	Sn	Sn	15 34 24.5	-0.3
CSOR	comp=N,2.2nm,0.2s,SNR=7.9	Lg	Lg	15 35 04.6	
CSOR	comp=N,6.6nm,0.3s,SNR=7.9	Sn	Sn	15 34 24.5	-0.3
CSOR	Sort	6.51 35	Pn	15 33 12.1	+1.4
CSOR	comp=N,4.2nm,0.4s,SNR=7.9	Sn	Sn	15 34 24.5	-0.3
CSOR	comp=N,2.2nm,0.2s,SNR=7.9	Lg	Lg	15 35 04.6	
EAGO	Agolada(Pontev)	6.54 332	Pn	15 33 11.6	+0.7
EAGO	comp=N,0.3nm,0.1s,SNR=7.9	Sn	Sn	15 34 24.3	-1.0
EAGO	comp=N,1.5nm,0.2s,SNR=7.9	Lg	Lg	15 35 02.9	
EAGO	comp=N,14nm,0.4s,SNR=7.9	Pn	Pn	15 33 11.6	+0.7
EAGO	Agolada(Pontev)	6.54 332	Pn	15 34 24.3	-1.0
EAGO	comp=N,0.3nm,0.1s,SNR=7.9	Sn	Sn	15 34 24.3	-1.0
EAGO	comp=N,1.5nm,0.2s,SNR=7.9	Lg	Lg	15 35 02.9	
EAGO	comp=N,14nm,0.4s,SNR=7.9	Lg	Lg	15 35 02.9	
LABF	Labassere	6.65 26	P	15 33 14.4	+1.9
PYLO	Lourdes	6.65 25	P	15 33 14.8	+2.1
EPON	Pontenova	6.69 339	Pn	15 33 14.7	+1.7
EPON	comp=N,0.8nm,0.2s,SNR=7.9	Sn	Sn	15 34 26.4	-2.6
EPON	comp=N,1.6nm,0.2s,SNR=7.9	Lg	Lg	15 35 09.3	
EPON	comp=N,14nm,0.6s,SNR=7.9	Pn	Pn	15 33 14.7	+1.7
EPON	Pontenova	6.69 339	Pn	15 35 09.3	
EPON	comp=N,0.8nm,0.2s,SNR=7.9	Sn	Sn	15 33 14.9	+1.3
EPF	Esparras	6.73 27	ePn	15 34 27.0	-3.0
EPF		eSn	Sg	15 35 09.5	-1.5
EPF		eSg	Sg	15 35 09.5	-1.5
EPF	comp=N,15nm,0.5s	Pn	Pn	15 33 14.9	+1.3
EPF	Esparras	6.73 27	Pn	15 34 27.0	-3.0
EPF		Lg	Lg	15 35 09.5	-1.5
EPF	comp=N,7.3nm,0.5s	Pn	Pn	15 33 14.9	+1.3
EPF	Esparras	6.73 27	Pn	15 35 09.5	-1.5
CFON	Fontmartina	6.73 45	Pn	15 33 14.4	+0.8
CFON	comp=N,1.8nm,0.3s,SNR=7.9	Sn	Sn	15 33 14.4	+0.8
CFON	comp=N,4.5nm,0.3s,SNR=7.9	Sn	Sn	15 33 14.4	+0.8
CFON	Fontmartina	6.73 45	Pn	15 33 14.4	+0.8
CFON	comp=N,1.8nm,0.3s,SNR=7.9	Sn	Sn	15 33 14.4	+0.8
CFON	comp=N,4.5nm,0.3s,SNR=7.9	Sn	Sn	15 33 14.4	+0.8
MLS	Moulis	6.96 32	P	15 33 18.6	+1.8
MLS	Moulis	6.96 32	S	15 33 37	

26K 16h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like N6Y, N7Y, N8Y, etc.

MAN 26 16:22:30, 9.64N, 124.86E, h25km, mb4.9, ML3.9, ML3.9, 3C-2D, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSLP, SCPH, TBP, etc.

BUI 26 16:27:12.5, 18.22S, 178.27W, h592km, mb4.6/25, mB5.2/14
MOS 26 16:27:13.5, 1.2, 17.84S, 178.47W, h577km, mb5.0/41, Error ellipse: s-maj=9.5km s-min=7.7km az=142.1

ISCJB 26 16:27:13.6, 0.6, 18.01S, 0.04, 178.52W, 0.0, h569km, gkm, mb4.9/253, Error ellipse: s-maj=5.6km s-min=3.6km az=161.9

GCMT 26 16:27:14.8, 0.4, 18.35S, 178.30W, h610km, 3km, MW5.53, Moment Tensor Solution, s58,c72, Duration: 1s3 Moment tensor, Scale 1017Nm, Mr1.04E-07, Mw=0.42t, 13; Mw=1.42t, 13; Mw=1.15t, 12; Mw=0.40t, 12; Best double couple; M2, 15600x1017 NP1.0e62.00000, .863.00000, .142.00000. NP2: e+172.00000, .857.00000, .333.00000. Principal axes: T 2.2440, Plg45.0000, Azm212.0000; P -2.0690, Plg4.0000, Azm118.0000; nst1 refers to body waves, cutoff=40s.

NEIC 26 16:27:14.8, 0.1, 18.04S, 178.48W, mb5.0/213 Error ellipse: s-maj=5.2km s-min=2.6km az=151.0 NEIC Fall at Vatukoula.

IDC 26 16:27:15.4, 0.1, 18.15S, 178.41W, h602km, 4km, mb4.3/28, mb1.4/30, mb1mx4.3/44, mbtmp5.2/30, Error ellipse: s-maj=10.9km s-min=7.7km az=163.0

ISC 26 16:27:14.6, 0.4, 18.19S, 0.05, 178.34W, 0.04, h599km, 3km, h600km, pp-P, n783, s1956/826, mb4.9/253, 29C-15D, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AFI, AFU, FUNA, etc.

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Main table with columns: Code, Station Name, Time, Res. Includes stations like RAR, OUZ, GRZ, etc.

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Table with columns: Code, Station Name, Time, Res. Includes stations like TNTI, BATI, SANI, etc.

NJ2	comp=Z,13nm,0.5s								
N02D	Trinity Center baz=233,SNR=11	78.25	40	P	P	16	38	15.5	+1.8
PFO	Pinyon Creek baz=239,SNR=8.1	78.29	49	P	P	16	38	15.7	+1.5
PFO	Pinyon Flats O	78.29	49	eP	P	16	38	14.7	+0.5
PFO	comp=Z,129nm,0.6s								
PFO	Pinyon Flats O	78.29	49	eP	P	16	38	14.7	+0.5
XPFO	Piazon Flat comp=Z,143nm,0.6s	78.29	49	eP	P	16	38	14.8	+0.7
O03D	Paynes Creek baz=234,SNR=16	78.40	41	P	P	16	38	16.0	+1.5
SRIG	Santa Rosalia comp=Z,41nm,1.0s	78.40	56	eP	P	16	38	15.8	+1.1
LRMC	Laurel Mt Rad baz=238,SNR=12	78.41	47	P	P	16	38	16.6	+1.8
M02C	Callahan baz=233,SNR=15	78.41	39	P	P	16	38	16.6	+2.0
SWSC	Sam W. Stewart baz=240,SNR=13	78.42	50	P	P	16	38	16.4	+1.7
L02D	Jace Junction, baz=232	78.43	38	P	P	16	38	16.7	+2.1
MDJ	Mudanjiang	78.45	325	P	P	16	38	14.8	+0.2
MDJ	comp=Z,17nm,0.9s								
LPIG	La Paz comp=Z,360nm,4.7s	78.52	60	P	P	16	38	17.7	+2.4
MDPB	Devils Postpil comp=Z,21nm,0.7s,baz=199,slow=3.2,SNR=5.1	78.63	44	eP	P	16	38	16.9	+0.9
SLBS	Sierra La Lagu comp=Z,54nm,1.1s	78.64	60	eP	P	16	38	18.1	+2.0
CWC	Cottonwood Cre baz=237	78.65	46	P	P	16	38	17.6	+1.6
KDAK	Kodiak Island comp=Z,17nm,0.8s,baz=196,slow=3.8,SNR=20	78.66	14	P	P	16	38	15.3	0.0
KDAK	Kodiak Island baz=196,slow=3.8,SNR=20	78.66	14	P	P	16	38	15.3	+0.5
YBH	Yreka Blue Hor comp=Z,23nm,0.8s,baz=128,slow=1.5,SNR=52	78.70	39	P	P	16	38	17.6	+1.6
YBH	Yreka Blue Hor baz=128,slow=1.5,SNR=52	78.70	39	eP	P	16	38	17.4	+1.3
YBH	comp=Z,32nm,0.8s								
YBH	Yreka Blue Hor comp=Z,32nm,0.8s	78.70	39	eP	P	16	38	17.4	+1.3
MLAC	Mammoth, Mammo comp=Z,32nm,0.8s	78.79	44	P	P	16	38	18.6	+1.7
BELC	Belle Mtn Joe baz=237,SNR=5.1	78.82	49	P	P	16	38	18.4	+1.4
MPMC	Manual Prospec baz=238,SNR=28	78.85	46	P	P	16	38	18.5	+1.4
WAKR	Walker comp=Z,59nm,1.0s	78.88	43	eP	P	16	38	18.7	+1.5
TIN	Tinemaha, Big baz=237	78.88	45	P	P	16	38	19.2	+0.6
DAC	Darwin (Calif) comp=Z,25nm,1.1s	78.89	46	eP	P	16	38	18.0	+0.6
DAC	Darwin (Calif) comp=Z,25nm,1.1s	78.89	46	eP	P	16	38	18.0	+0.6
GSC	Goldstone, Bar baz=238,SNR=12	78.92	47	P	P	16	38	18.8	+1.4
GSC	Goldstone, Bar comp=Z,26nm,0.6s	78.92	47	eP	P	16	38	18.6	+1.2
GSC	Goldstone, Bar comp=Z,26nm,0.6s	78.92	47	eP	P	16	38	18.6	+1.2
HEC	Hector,Ludlow baz=239,SNR=21	79.00	48	P	P	16	38	19.0	+1.1
BC3	Big Chuckawall baz=240,SNR=7.7	79.03	49	P	P	16	38	20.0	+1.9
BEKA	Beckworth comp=Z,32nm,0.9s	79.06	42	eP	P	16	38	19.0	+0.9
HUMO	Hull Mountain comp=Z,44nm,1.1s	79.08	38	eP	P	16	38	19.4	+1.4
PNTR	Pine Nut comp=Z,63nm,0.9s	79.10	43	eP	P	16	38	19.5	+1.1
GLA	Glamis baz=240,SNR=7.6	79.18	50	P	P	16	38	20.6	+1.9
GLA	Glamis comp=Z,1um,0.6s	79.18	50	eP	P	16	38	20.1	+1.3
GLA	Glamis comp=Z,1um,0.6s	79.18	50	eP	P	16	38	20.1	+1.3
VCNR	Virginia City comp=Z,35nm,1.0s	79.18	42	eP	P	16	38	19.8	+1.0
M04C	Macdoel baz=234,SNR=9.1	79.25	39	P	P	16	38	20.4	+1.3
YERR	Yeringto comp=Z,53nm,1.0s	79.27	43	eP	P	16	38	20.3	+0.9
NKL	Nikolayevsk comp=Z,53nm,1.3s	79.36	336	eP	P	16	38	18.5	-0.6
GRAC	Grapevine Rang baz=238,SNR=5.5	79.43	45	P	P	16	38	21.8	+1.8
GMRC	Granite Mounta baz=239,SNR=15	79.46	46	P	P	16	38	21.8	+1.5
FURC	Furnace Creek, baz=238,SNR=9.7	79.49	46	P	P	16	38	22.0	+1.8
IRM	Iron Mountain baz=240,SNR=15	79.51	49	P	P	16	38	21.8	+1.3
RYN	Ryan comp=Z,38nm,1.1s	79.54	44	eP	P	16	38	21.6	+0.9
NV01	Mina Array N1 baz=238,SNR=15	79.58	44	eP	P	16	38	21.6	+0.7
NVAR	Mina Array Bse comp=Z,19nm,0.7s,baz=226,slow=8.6,SNR=68	79.58	44	eP	P	16	38	22.2	+1.3
NVAR	comp=Z,19nm,0.7s,baz=226,slow=8.6,SNR=68								
PAHR	Pat Rah Ranch comp=Z,85nm,1.2s	79.58	42	eP	P	16	38	21.9	+1.0
SHOC	Shoshone, Teco baz=239	79.60	47	P	P	16	38	22.9	+2.0
TUQ	Turquoise Moun baz=239	79.61	47	P	P	16	38	22.6	+1.6
NV11	Mina Array S1 comp=Z,4.1nm,1.1s	79.68	44	eP	P	16	38	22.4	+1.0
Y12C	Blythe baz=240,SNR=8.3	79.75	49	P	P	16	38	23.3	+1.7
Y12C	Blythe comp=Z,402nm,0.4s	79.75	49	eP	P	16	38	22.9	+1.2
K04D	Chiloquin, OR baz=204	79.80	39	P	P	16	38	23.6	+1.7
113A	Mohawk Valley, comp=Z,76nm,0.8s	79.82	51	eP	P	16	38	23.3	+1.5
J04D	Umpqua Nationa baz=234,SNR=13	79.96	38	P	P	16	38	24.2	+0.8
KVN	Kaiserville comp=Z,40nm,1.0s	80.05	43	eP	P	16	38	24.2	+0.8
KVN	Kaiserville comp=Z,40nm,1.0s	80.05	43	eP	P	16	38	24.2	+0.8
I04A	Tending Farm, baz=233	80.11	38	P	P	16	38	24.2	+0.8
214A	Organ Pipe Nat baz=242,SNR=20	80.13	52	P	P	16	38	25.4	+1.6
214A	Organ Pipe Nat comp=Z,12nm,1.4s	80.13	52	eP	P	16	38	25.4	+1.6
TPNV	Topopah Spring baz=239,SNR=22	80.17	46	P	P	16	38	25.0	+1.0
TPNV	Topopah Spring comp=Z,34nm,1.0s	80.17	46	eP	P	16	38	25.0	+1.0
TPNV	Topopah Spring comp=Z,34nm,1.0s	80.17	46	eP	P	16	38	25.0	+1.0
NEE2	Needles Airpor baz=240	80.19	49	P	P	16	38	25.7	+1.8
HSIG	comp=Z,21nm,0.9s	80.19	55	eP	P	16	38	25.1	+1.1
MOD	Modoc Plateau comp=Z,48nm,1.2s	80.25	40	eP	P	16	38	24.7	+0.4
PDMC1	Parker Dam, Lak baz=240,SNR=7.9	80.30	49	P	P	16	38	26.3	+1.8
J05D	Fort Rock, OR baz=204	80.58	38	P	P	16	38	27.1	+1.6
SHPR	Sheep Range comp=Z,37nm,1.2s	80.69	47	eP	P	16	38	27.8	+1.1
W13A	Hualapai Moun comp=Z,40nm,0.6s	80.88	49	eP	P	16	38	29.3	+1.1
Y14A	Wickenburg comp=Z,580nm,0.6s	80.94	50	eP	P	16	38	29.7	+1.4
I05D	Terrebonne, OR baz=234	81.06	38	P	P	16	38	29.7	+1.4
SVW2	Sparrevohn comp=Z,18nm,1.0s	81.10	11	eP	P	16	38	28.1	+0.1
R11A	Troy Canyon, C baz=239,SNR=20	81.34	45	P	P	16	38	31.4	+1.4
R11A	Troy Canyon, C comp=Z,26nm,1.2s	81.34	45	eP	P	16	38	30.7	+0.6

DIB	Dawson Inlet, comp=Z,26nm,1.2s	81.35	26	eP	P	16	38	30.7	+1.2
MA2	Magadan comp=Z,48nm,1.2s	81.48	345	P	P	16	38	28.6	-1.4
WVOR	Wild Horse Val comp=Z,7nm,1.0s,baz=139,slow=8.0,SNR=6.6	81.58	40	eP	P	16	38	31.9	+0.8
WVOR	comp=Z,57nm,1.0s								
WVOR	Wild Horse Val comp=Z,67nm,1.0s	81.58	40	eP	P	16	38	31.9	+0.8
G05D	Wamic, OR baz=234	81.60	37	P	P	16	38	31.9	+0.9
TUC	Tucson comp=Z,24nm,1.0s	81.82	52	P	P	16	38	34.0	+1.5
TUC	Tucson comp=Z,52nm,1.1s	81.82	52	eP	P	16	38	33.8	+1.3
TUC	Tucson comp=Z,22nm,1.1s	81.82	52	eP	P	16	38	33.8	+1.3
SPU	Mount Spurr comp=Z,31nm,0.9s	81.86	13	eP	P	16	38	31.6	-0.4
I07A	Izeze comp=Z,47nm,1.1s	81.98	39	eP	P	16	38	34.0	+0.9
G06A	Carlson Farm, comp=Z,31nm,0.9s	81.99	37	eP	P	16	38	33.6	+0.6
J08A	Circle Bar Ran comp=Z,55nm,1.0s	82.19	40	P	P	16	38	34.8	+0.7
LON	Longmire comp=Z,18nm,1.0s	82.23	35	eP	P	16	38	35.0	+0.8
LON	Longmire comp=Z,18nm,1.0s	82.23	35	eP	P	16	38	35.0	+0.8
LCMT	Little Creek M comp=Z,30nm,0.9s	82.27	47	eP	P	16	38	36.0	+1.2
X16A	Lo Ann Camp, P comp=Z,42nm,1.0s	82.31	50	eP	P	16	38	36.7	+1.7
SUA	Susitna One comp=Z,29nm,0.7s	82.39	13	eP	P	16	38	34.0	-0.8
D05A	Enumclaw comp=Z,276nm,1.5s	82.39	35	eP	P	16	38	37.0	+2.1
CCUT	Cedar City comp=Z,35nm,1.0s	82.45	47	eP	P	16	38	37.1	+1.4
IPM	Ipoc comp=Z,29nm,0.8s	82.53	277	eP	P	16	38	37.0	+0.6
319A	Douglas comp=Z,56nm,0.9s	82.54	54	eP	P	16	38	38.2	+2.0
PSUT	Pine Springs comp=Z,25nm,0.8s	82.61	46	eP	P	16	38	37.4	+0.9
U15A	North Rim comp=Z,54nm,0.8s	82.66	48	eP	P	16	38	38.5	+1.6
SZCU	Shurtz Canyon comp=Z,42nm,1.1s	82.67	47	eP	P	16	38	38.4	+1.2
F07A	Phinny Hill Vi comp=Z,29nm,0.8s	82.78	37	eP	P	16	38	36.4	-0.4
PMR	Palmer comp=Z,25nm,1.0s	82.86	14	eP	P	16	38	35.8	-1.1
PMR	Palmer comp=Z,25nm,1.0s	82.86	14	eP	P	16	38	35.8	-1.1
WUAZ	Wupatki baz=242	82.88	49	P	P	16	38	38.9	+1.1
WUAZ	Wupatki comp=Z,50nm,1.1s	82.88	49	eP	P	16	38	39.0	+1.2
A04D	Lummi Island baz=232	82.94	33	P	P	16	38	38.4	+0.9
B05A	Bryant baz=233,SNR=9.0	82.98	34	P	P	16	38	39.0	+1.2
G08A	Pilot Rock comp=Z,44nm,1.0s	82.99	38	eP	P	16	38	38.4	+0.3
PKCU	Pine Cliffs comp=Z,34nm,1.1s	83.13	47	eP	P	16	38	41.2	+2.0
LTY	Liberty comp=Z,33nm,1.0s	83.16</							

26d 17h

Table with columns: Code, Station Name, Az, El, P, h, m, s, ISC, Time, Res. Includes stations like GSC Goldstone, W13A Hualapai Mount, PASC Pasadena Art, etc.

IDC 26 16:40:47.7-1.29.54S:176.09W,h0km,mb3.8/3, mb1 4.2/5, mb1mx3.9/37, mbtmp4.0/5, ML3.5/2, MS3.9/1, Ms1 3.9/1, ms1mx3.1/37, Error ellipse: s-maj=5.2,ms3.9, s-min=21.9km az=170.0

ISCJB 26 16:40:50.0-1.2,29.67S:0.08-176.0W:0.1,h28km, mb3.9/3, Error ellipse: s-maj=13.8km s-min=11.3km az=164.5

ISC 26 16:40:51.6-1.0,29.55S:0.1x176.16W:0.09,h28km,n11, +0569/13,mb3.9/3,Kermadec Islands region

Table with columns: Code, Station Name, Az, El, P, h, m, s, ISC, Time, Res. Includes stations like RAO Raoul Island, URZ Urewera, RAR Rarotonga, etc.

ISCJB 26 17:18:12.1-0.7,21.4N:0.5-94.0E:0.4,h97km,mb3.4/2, Error ellipse: s-maj=87.0km s-min=6.3km az=39.7

IDC 26 17:18:16.7-9.0,20.84N:94.50E,h97km,5.7km,mb2.9/2, mb1 3.2/3, mb1mx2.8/70, mbtmp3.3/3, ML3.7/1, MS3.9/2, Ms1 3.9/2, ms1mx3.3/13, Error ellipse: s-maj=74.0km s-min=68.2km az=31.0

ISC 26 17:18:12.3-0.9,21.4N:0.4-94.5E:0.3,h97km,n16, +2517/22,Myanmar

Table with columns: Code, Station Name, Az, El, P, h, m, s, ISC, Time, Res. Includes stations like SHL Shillong, CMAR Chiang Mai Arr, ODAN Odare, etc.

IDC 26 17:21:39.0-0.7,51.73N:96.32E,h0km,mb3.8/17, mb1 3.9/22, mb1mx3.7/78, mbtmp3.8/22, ML3.2/5, MS3.8/2, Ms1 3.8/2, ms1mx2.8/72, Error ellipse: s-maj=15.8km s-min=11.9km az=10.0

NEIC 26 17:21:39.4-0.4,51.78N:96.41E,h10km,mb4.2/7, Error ellipse: s-maj=8.7km s-min=7.2km az=183.0

MOS 26 17:21:39.2-1.4,51.75N:96.05E,h10km,mb4.3/9, Error ellipse: s-maj=9.4km s-min=7.3km az=3.8

ISCJB 26 17:21:39.2-0.3,51.81N:96.03E:0.04,h10km, mb3.9/21, MS3.8/2, Error ellipse: s-maj=4.5km s-min=3.6km az=19.0

NNC 26 17:21:40.6-2.3,51.77N:95.80E,h0km,mb3.9,mpv3.1, Error ellipse: s-maj=21.8km s-min=18.7km az=75.0

ASRS 26 17:21:40.2-0.3,51.71N:96.03E,h15km,MS3.6/3

ISC 26 17:21:40.6-0.4,51.79N:95.95E:0.03,h10km,n113, +2514/23,mb3.9/21,9C-5D,Southwestern Siberia

Table with columns: Code, Station Name, Az, El, P, h, m, s, ISC, Time, Res. Includes stations like KZLR Kyzyl, CERR Cheremushki, MOY Mondy, etc.

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Table with columns: Code, Station Name, Az, El, P, h, m, s, ISC, Time, Res. Includes stations like TLY Talaya, ZAK Zakamensk, TASR Tashtagol, etc.

IRK Irkutsk, comp=N,11um,1.3s

IRK Irkutsk, comp=N,11um,1.3s

IRK Irkutsk, comp=N,11um,1.3s

Table with columns: Code, Station Name, Az, El, P, h, m, s, ISC, Time, Res. Includes stations like ARTR Artybash, AKAR Aktash, AKAR Aktash, etc.

ZAAO Zalesovo Array, comp=N,1.1nm,0.6s

ZALV Zalesovo Beam, comp=N,1.7nm,0.2s, baz=106,slow=12,SNR=7.6

ZAA1 Zalesovo Array, comp=N,1.1nm,0.6s

Table with columns: Code, Station Name, Az, El, P, h, m, s, ISC, Time, Res. Includes stations like SONM Songino Array, NVS Novosibirsk, MK31 Makanchi Array, etc.

MAKZ Makanchi Array, comp=N,2.3,4nm,0.9s

MAKZ Makanchi Array, comp=N,2.3,4nm,0.9s

MAKZ Makanchi Array, comp=N,2.3,4nm,0.9s

MAKZ Makanchi Array, comp=N,2.3,4nm,0.9s

MAKZ Makanchi Array, comp=N,2.3,4nm,0.9s

MAKZ Makanchi Array, comp=N,2.3,4nm,0.9s

MAKZ Makanchi Array, comp=N,2.3,4nm,0.9s

MAKZ Makanchi Array, comp=N,2.3,4nm,0.9s

MAKZ Makanchi Array, comp=N,2.3,4nm,0.9s

MAKZ Makanchi Array, comp=N,2.3,4nm,0.9s

MAKZ Makanchi Array, comp=N,2.3,4nm,0.9s

MAKZ Makanchi Array, comp=N,2.3,4nm,0.9s

MAKZ Makanchi Array, comp=N,2.3,4nm,0.9s

MAKZ Makanchi Array, comp=N,2.3,4nm,0.9s

MAKZ Makanchi Array, comp=N,2.3,4nm,0.9s

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Table with columns: Code, Station Name, Az, El, P, h, m, s, ISC, Time, Res. Includes stations like KKN Kakani, PKI Pulchok, DMN Daman, etc.

ODAN Odare, comp=N,2.9,3nm,0.5s

KOLN Koldanda, comp=N,2.6,0nm,0.6s

RAMN Ramite, comp=N,2.8,3nm,0.5s

CM31 Chiang Mai Arr, comp=N,2.0,3nm,0.3s, baz=352,slow=10,SNR=4.0

ARAO ARCESS Array S, comp=N,2.1,1nm,0.5s, baz=76,slow=9.3,SNR=4.7

ARCS ARCESS Array B, comp=N,2.1,1nm,0.5s, baz=76,slow=9.3,SNR=4.7

AKASA Malin Array B, comp=N,2.0,8nm,0.5s, baz=55,slow=8.8,SNR=5.9

AKBB Malin Array S, comp=N,2.6,0nm,1.3s

AKBB Malin Array S, comp=N,2.6,0nm,1.3s

BR101 Keskin Array B, comp=N,2.6,2nm,1.3s

BRTR Keskin Array B, comp=N,2.6,2nm,1.3s

BRTR Keskin Array B, comp=N,2.6,2nm,1.3s

BRTR Keskin Array B, comp=N,2.6,2nm,1.3s

HFS Hagfors, comp=N,2.0,0nm,0.5s, baz=32,slow=9.3,SNR=6.4

BR231 Keskin Mt Arr, comp=N,2.6,2nm,1.3s

NB2 NORSAR Subarra, comp=N,2.1,6nm,0.5s, baz=62,slow=7.9

NB20 NORSAR Array S, comp=N,2.1,6nm,0.5s, baz=62,slow=7.9

NB20 NORSAR Array S, comp=N,2.1,6nm,0.5s, baz=62,slow=7.9

ILAR Eielson Array, comp=N,2.0,2nm,0.3s, baz=48,slow=4.2,SNR=3.7

ILB Eielson Array, comp=N,2.1,3nm,0.9s, baz=339,slow=6.7,SNR=3.3

INK Inuvik, comp=N,2.1,3nm,0.9s, baz=339,slow=6.7,SNR=3.3

INK Inuvik, comp=N,2.1,3nm,0.9s, baz=339,slow=6.7,SNR=3.3

INK Inuvik, comp=N,2.1,3nm,0.9s, baz=339,slow=6.7,SNR=3.3

ESDC Sonseto Array, comp=N,2.5,7nm,1.4s

KMBO Kilima Mbogo, comp=N,2.0,1nm,0.3s, baz=106,slow=12,SNR=7.6

WR1 Warramunga Arr, comp=N,2.3,0nm,0.3s

WR1 Warramunga Arr, comp=N,2.3,0nm,0.3s

WR1 Warramunga Arr, comp=N,2.3,0nm,0.3s

WR1 Warramunga Arr, comp=N,2.3,0nm,0.3s

WR1 Warramunga Arr, comp=N,2.3,0nm,0.3s

WR1 Warramunga Arr, comp=N,2.3,0nm,0.3s

WR1 Warramunga Arr, comp=N,2.3,0nm,0.3s

WR1 Warramunga Arr, comp=N,2.3,0nm,0.3s

WR1 Warramunga Arr, comp=N,2.3,0nm,0.3s

WR1 Warramunga Arr, comp=N,2.3,0nm,0.3s

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BOROVOR Array, ARTI, AKTO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MAN 26 17:47:21, GUMI, etc.

MOS 26 17:53:08.1, 2.6, 51.81N, 96.08E, h10km, mb4.4/1, Error ellipse: s-maj=30.5km s-min=15.4km az=178.7.

ISCJBJ 26 17:53:10.1, 0.51, 81.8N, 0.2, 95.94E, 0.09, h10km, mb3.5/1, MS3.9/2, Error ellipse: s-maj=25.5km s-min=7.5km az=174.8.

ISC 26 17:53:10.1, 0.51, 81.8N, 0.1, 96.11E, 0.07, h10km, n15, c1875/12, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ORL, MOY, ARS, etc.

ISCJBJ 26 17:58:40.5, 0.9, 58.03N, 0.03, 142.61W, 0.04, h6km, 7km, mb3.8/17, MS3.1/1, Error ellipse: s-maj=5.6km s-min=3.4km az=18.8.

PGC 26 17:58:43.2, 1.9, 58.07N, 142.59W, h10km, ML3.8/4, 224km Wsw of Yakutat, Ak Gulf of Alaska

IDC 26 17:58:44.4, 0.7, 58.24N, 142.06W, h10km, mb3.7/15, mb1.3/9.19, ms1mx2.7/83, mbtrmp3.7/19, ML2.9/3, MS3.4/4, Ms1.3/4.4, ms1mx2.7/66, Error ellipse: s-maj=18.9km s-min=12.5km az=34.0.

NEIC 26 17:58:46.1, 0.0, 57.95N, 142.67W, h6km, mb4.0/3, ML3.7(AEIC), After AEIC.

ISC 26 17:58:43.5, 3.7, 57.97N, 0.05, 142.59W, 0.04, h1km, 24km, n121, c2932/136, mb3.8/17, Gulf of Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YKUT, BGLC, SUCK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GLI, HYT, HYN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BESE, BESE, SEW, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KDKA, SUA, DHY, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SUG, DHC, RED, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RND, DAWY, DAWY, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MCK, DLBC, DLBC, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DLBC, THORFARE, PPLA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EAGLE, KTH, ILAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ILAR, ILB, CCB, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CAST, SVW2, COLA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BPAW, DIB, DIB, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BNB, BNB, T01, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BM3, COLD, COLD, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BBB, Modoc, BBB, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BBB, Modoc, BBB, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like INK, INK, INK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like INK, INK, INK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like INK, INK, INK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like INK, INK, INK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like INK, INK, INK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like INK, INK, INK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like INK, INK, INK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like INK, INK, INK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like INK, INK, INK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like INK, INK, INK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like INK, INK, INK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like INK, INK, INK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like INK, INK, INK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KMSI, SANI, SANI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LBMI, LBMI, LUWI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MRSI, MRSI, NLAI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NLAI, NLAI, SANGHIE, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AAI, AAI, MSAI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSAI, MSAI, MSAI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSAI, MSAI, MSAI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSAI, MSAI, MSAI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSAI, MSAI, MSAI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSAI, MSAI, MSAI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSAI, MSAI, MSAI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSAI, MSAI, MSAI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSAI, MSAI, MSAI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSAI, MSAI, MSAI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSAI, MSAI, MSAI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSAI, MSAI, MSAI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSAI, MSAI, MSAI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSAI, MSAI, MSAI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSAI, MSAI, MSAI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSAI, MSAI, MSAI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSAI, MSAI, MSAI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSAI, MSAI, MSAI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSAI, MSAI, MSAI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSAI, MSAI, MSAI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSAI, MSAI, MSAI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSAI, MSAI, MSAI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSAI, MSAI, MSAI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSAI, MSAI, MSAI, etc.

ISCJBJ 26 17:59:40.0, 0.6, 0.30S, 0.06, 125.34E, 0.05, h44km, mb3.4/4, Error ellipse: s-maj=9.8km s-min=4.4km az=34.1.

DJA 26 17:59:39.1, 1.0, 0.0, 12.5E, h12km, mb3.6/6, MLV3.6/6.

IDC 26 17:59:50.2, 7.9, 0.32N, 126.87E, h154km, 87km, mb3.0/4, mb1.3/1.5, ms1mx2.8/60, mbtrmp3.4/5, MS2.8/1, Ms1.2/8.1, ms1mx2.4/12, Error ellipse: s-maj=85.3km s-min=18.9km az=78.0.

DDA 26 18:02:11.0, 4.1, 66N, 39.93E, h12km, M3.5, ISCJBJ 26 18:02:12.6, 0.3, 4.1, 66N, 0.02, 39.87E, 0.03, h10km, MS3.5/3, MS3.1/1, Error ellipse: s-maj=3.5km s-min=2.9km az=39.2.

IDC 26 18:02:13.0, 6.0, 41.65N, 39.81E, h0km, mb3.5/3, mb1.3/3.9, ms1mx2.7/70, mbtrmp3.3/9, ML2.8/4, MS3.2/1, Ms1.3/3.1, ms1mx2.4/55, Error ellipse: s-maj=13.0km s-min=8.5km az=178.0.

CSEM 26 18:02:13.8, 0.2, 41.57N, 39.95E, h10km, ML3.4, Error ellipse: s-maj=5.5km s-min=4.5km az=55.0.

MOS 26 18:02:13.0, 1.7, 41.58N, 39.75E, h11km, mb3.8/1, Error ellipse: s-maj=10.8km s-min=6.0km az=42.9.

TIF 26 18:02:14.6, 4.1, 50N, 40.21E, h21km, ISC 26 18:02:16.5, 4.1, 40N, 39.93E, h28km, ML3.4/12.

ISC 26 18:02:13.0, 7.0, 41.57N, 0.03, 39.90E, 0.03, h10km, n117, c1885/137, mb3.6/3, 11C-9D, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KTUT, TRABZON, TRABZON, etc.

26d 18h

Table with columns: BRTR, Keskin Array B, 5.11 251 Pn, Pn, 18 03 33.1 +2.8, etc.

ISC/JB 26 18:10:33.2,0.4,51.64N,0.06,96.13E,0.05,h10km, mb3.6/15,MS3.0/1, Error ellipse: s-maj=9.3km

MOS 26 18:10:33.0,1.3,51.61N,96.15E,h10km,mb4.0/12, Error ellipse: s-maj=11.4km s-min=9.1km az=2.2

IDC 26 18:10:33.0,5.0,51.70N,96.26E,h0km,mb3.8/15, mb1.3/7.20,mb1mx3.6/80,mbtp3.7/20,ML2.9/5,MS2.9/2, Ms1.2/9.2,ms1mx2.4/67, Error ellipse: s-maj=16.6km s-min=11.3km az=10.0

ASRS 26 18:10:34.0,5.0,51.73N,96.04E,h15km,MS3.5/1 NNC 26 18:10:47.9,3.3,50.84N,95.15E,h0km,mb3.7,mpv3.2, Error ellipse: s-maj=32.2km s-min=23.4km az=89.0

ISC 26 18:10:34.0,5.0,51.60N,0.06,96.17E,0.03,h10km,n55, c=258/61,mb3.7/15,11C-2D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, etc.

2012 FEB

Table with columns: MK31, Makanchi Array, 10.27 247 P, Pn, 18 13 04.5 +2.6, etc.

MAN 26 18:28:38.9,93N,123.24E,h1km,mb4.6,ML3.4,MS3.3, 2C-1D, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, etc.

IDC 26 18:34:36.9,0.9,51.76N,96.23E,h0km,mb3.6/8, mb1.3/7.12,mb1mx3.6/65,mbtp3.6/12,ML2.9/4, Error ellipse: s-maj=28.3km s-min=13.5km az=20.0

MOS 26 18:34:37.9,1.3,51.54N,95.91E,h14km,mb4.0/4, Error ellipse: s-maj=24.1km s-min=15.9km az=5.0

ISC/JB 26 18:34:38.1,0.6,51.6N,0.1,95.87E,0.09,h10km,mb3.5/8, Error ellipse: s-maj=20.1km s-min=7.7km az=178.3

ISC 26 18:34:39.2,0.7,51.6N,0.02,95.97E,0.06,h10km,n23, c=1923/22,mb3.5/8, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, etc.

1470

Table with columns: OGRR, Ongureny, 7.36 70 eP, Pn, 18 36 27.6 +1.0, etc.

ISK 26 18:42:05.9,39.62N,26.08E,h5km,MD2.9/5 ATH 26 18:42:06.3,39.58N,26.03E,h30km,1km,ML1.8/5, Error ellipse: s-maj=2.9km s-min=0.9km az=247.0

ISC/JB 26 18:42:06.0,0.4,39.62N,0.02,26.08E,0.04,h9km,3km, Error ellipse: s-maj=4.7km s-min=3.0km az=2.0

CSEM 26 18:42:06.8,0.1,39.62N,26.06E,h10km,MD2.6, Error ellipse: s-maj=3.0km s-min=2.0km az=90.0

THE 26 18:42:07.0,39.60N,26.02E,h4km,4km,ML1.8/3, Error ellipse: s-maj=4.3km s-min=0.6km az=225.0

DDA 26 18:42:11.6,39.82N,26.45E,h7km,MD2.6

ISC 26 18:42:06.6,0.9,39.61N,0.01,26.07E,0.02,h12km,7km, n61,c=62/96,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, etc.

26d 19h

2012 FEB

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P -6.7780, Plg74.0000, Azm63.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
NEIC 26:19:37:09.2.0.7, 24:85S:177.31W, h15km, 4km, mb5.1/35
Error ellipse: s-maj=12.3km s-min=6.5km az=150.0
MOS 26:19:37:12.0.3.5, 24:78S:177.43W, h23km, mb5.3/12,
Error ellipse: s-maj=14.1km s-min=11.5km az=51.3
ISC 26:19:37:08.6.0.4, 24:87S:0.06:177.21W:0.08, h10km,
n292, s19:66/266, mb5.0/59, MS4.7/36, 22C-10D, South of
Fiji Islands

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, ISC. Lists various seismic stations including RAO Raoul Island, RAO Raoul Island, RAO Raoul Island, etc.

Table with columns: ISA, Isabella, Lake, 81.88, 45, P, P, 19 49 31.8 +3.4. Lists various seismic stations including ISA Isabella, Lake, ISA Isabella, Lake, ISA Isabella, Lake, etc.

Table with columns: S22A, 4UR Ranch, Cre, 90.75, 48, eP, P, 19 50 16.6 +4.3. Lists various seismic stations including S22A 4UR Ranch, Cre, SEY Seymchan, MCMT McKenzie Canyo, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like Eskdalemuir Ar, SORM Soroca, ASAF Jabal al Asfar, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like San Juan, Pitinga, Santo Domingo, etc.

CSEM 26 19:54:29.8, 38.31N-22.08E, h7km, ML1.0/3
ATH 26 19:54:29.8, 38.31N-22.08E, h7km, 3km, ML1.0/3, Error ellipse: s-maj=3.2km s-min=0.9km az=14.0, Greece

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like TRIZ Trizonia, KALE Kalithea, SERG Sergoula, etc.

NNC 26 19:54:28.4, 3.6, 52.55N:96.08E, h0km, mb3.8, mpv3.0, Error ellipse: s-maj=33.9km s-min=29.7km az=78.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like ORL Oriik, MOY Mondy, ARS Arshan, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like MK31 Makanchi, MKAR Makanchi, MAKZ Makanchi, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like ASAR Alice Springs, TORD Torodi Ar, BUJ 26 19:59:27.1, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like KZLR Kyzyl, MOY Mondy, CERR Cheremushki, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Calviac, La Frezale, Yellowknife Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 26:20:15:33.0, m1, m2, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MEX 26:20:26:13.3, THIG, PCIG, TGIG.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NNC 26:20:46:20.2, SFK, SFK, MNAS, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 26:20:50:12.8, ISCBJ 26:20:50:13.0, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RAO, DZM, RAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RPT, PPT, PPT, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CTA, RKT, ASAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA, NVAR, PLCA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BRTR, MMAI, IDC 26:20:50:8.2, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ZALV, ZALV, SONM, etc.

0.2nm, 0.3s, baz=56, slow=28, SNR=4.3
TRN 26:20:58:39.6, 14:00N-60:63'W, h10km, MD3.9
IDC 26:20:58:41.0, 12:1, 14:00N-60:62'W, h25km, 1.4km, mb3.7/8, m1 3.9/1.1, m1mx3.6/5.5, mbmp3.9/1.1, ML3.3/3, MS3.3/1, Ms1 3.3/1, ms1mx2.5/5.7, Error ellipse: s-maj=24.9km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MCLT, HOGSI, HOGSI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MCLT, HOGSI, HOGSI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MCLT, HOGSI, HOGSI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MCLT, HOGSI, HOGSI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MCLT, HOGSI, HOGSI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MCLT, HOGSI, HOGSI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MCLT, HOGSI, HOGSI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MCLT, HOGSI, HOGSI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MCLT, HOGSI, HOGSI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PRK, PRK, SGR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SGR, SGR, SGR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SGR, SGR, SGR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SGR, SGR, SGR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SGR, SGR, SGR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SGR, SGR, SGR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SGR, SGR, SGR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SGR, SGR, SGR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SGR, SGR, SGR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SGR, SGR, SGR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KPJI Karang Pucung, KNRA Kunurra, CISI Cisompet, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like After RSPR, RSPR 26 21:50:23.0, 19:07N:68:27W, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like 0.5nm, 0.3s, baz=304, slow=28, SNR=13, MKAR Makanchi Array, etc.

26d 22h

Table of astronomical observations for 26d 22h, listing station names (e.g., FIAO, FINES, BR101), instrument details (e.g., FINES Array S, Keskin Array S), and observation parameters (e.g., 20.44 27 eP, 22 42 33.5 +0.1).

2012 FEB

Table of astronomical observations for 2012 FEB, listing station names (e.g., SFJD, RAYN, RAYN), instrument details (e.g., Kangerlussuaq, Ar Rayn), and observation parameters (e.g., 37.41 327 LR, 22 58 13.1).

1480

Table of astronomical observations for 1480, listing station names (e.g., COLA, MLY, SEY), instrument details (e.g., College, Manley), and observation parameters (e.g., 69.14 349 eP, 22 49 03.9 +1.9).

Technical notes and metadata including coordinates (e.g., 15.0, 0.8, 19.245), error ellipses (e.g., m=1.1, km s^-1), and reference information (e.g., IAU, ICRF).

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BATI Baumata, MBWA Marble Bar, PLAM Plampang, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZALV Zalesovo Beam, SONMI Songino Array, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AAGR Agrelo, AGUA GUANDACOL, APILL PUNTA DE LOS L, etc.

IDC 26 23:38:15.5:1.1,51.70N:96.29E,h0km,mb3.8/7, mb1 3.6/11,mb1mx3.4/82,mbmp3.6/11,ML2.4/5,Error ellipse: s-maj=24.1km s-min=15.0km az=177.0

ISCJB 26 23:38:15.1:0.6,51.8N:0.1:95.96E:0.09,h10km,mb3.7/7, Error ellipse: s-maj=17.7km s-min=7.3km az=169.3

MOS 26 23:38:16.2:2.9,51.39N:95.77E,h10km,mb4.1/5, Error ellipse: s-maj=16.6km s-min=10.4km az=172.7

NNC 26 23:38:36.9:3.2,50.95N:93.85E,h0km,mb3.6,mpv3.3, Error ellipse: s-maj=29.8km s-min=18.9km az=90.0

ISC 26 23:38:16.2:0.6,51.81N:0.09:95.97E:0.05,h10km,n29, o135/23,mb3.8/7,7C-4D,Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station-specific data points.

Main table with columns: DOI, Station Name, Az, Phase ID, Time, Res, and various station-specific data points.

Main table with columns: Station Name, Az, Phase ID, Time, Res, and various station-specific data points.

ISCJB 26 23:39:32.7:0.2,44.51N:01:01:6'61E:0.02,h2km,2km, mb3.5/5,MS3.2/1,Error ellipse: s-maj=2.2km s-min=1.8km az=30.3

CSEM 26 23:39:34.6:0.1,44.48N:6'69E,h5km,ML3.9/20, Error ellipse: s-maj=2.9km s-min=2.3km az=31.0

GEN 26 23:39:34.7:4.4:49N:6'68E,h5km,ML3.4 STR 26 23:39:34.7:0.2,44.52N:01:08:6'7E:0.1,h10km,MLv3.6/9 LDG 26 23:39:34.7:0.1,44.51N:6'69E,h7km,Md3.7/5,MI3.7/47, Error ellipse: s-maj=1.4km s-min=1.0km az=45.0

ROM 26 23:39:34.7:0.4,44.49N:6'77E,h8km,2km,MI3.3/36, Error ellipse: s-maj=4.2km s-min=2.0km az=60.0

IDC 26 23:39:34.7:1.2,44.62N:6'58E,h0km,mb3.5/7, mb1 3.7/12,mb1mx3.5/75,mbmp3.6/12,ML2.4/4,MS3.3/1, Ms1 3.3/1,ms1mx2.2/53,Error ellipse: s-maj=33.4km s-min=13.8km az=132.0

PRU 26 23:39:35.8,44.57N:6'51E,h10km ISC 26 23:39:35.0:0.8,44.51N:01:01:6'67E:0.01,h14km,6km, n238,o2511/352,mb3.5/5,3C,France

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MTPU Mount Pierson, SZCU Shurtz Canyon, GSC Goldstone, etc.

ISCJB 26 23:54:19.6:0.8, 13.72S:0.07:166.3E:0.1, h39km, mb4.1/9, MS3.4/1, Error ellipse: s-maj=18.5km...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, DZM Mont Dzumac, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARCES ARCESS Array B, FINES FINES Array B, TORD Torodi Arr, etc.

DDA 27 00:05:15.9:37.84N:29.18E, h7km, Md2.6
ISCJB 27 00:05:16.1:0.5, 37.86N:0.02:29.15E:0.04, h1km, 6km, Error ellipse: s-maj=4.8km, s-min=3.9km, az=4.2...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DENT Denizli, TAVA TAVAS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KULA Kula-Manisa, KZIL AFYON Kizoren, etc.

MEX 27 00:09:05.7:0.4, 14.76N:93.24W, h10km, MD3.6, Near coast of Chiapas

TRN 27 00:11:02.4: 10.55N:68.04W, h11km, MD4.1
IDC 27 00:11:03.6:0.7, 10.43N:63.50W, h0km, mb3.8/14, mb1.4/116, mb1mx3.9/52, mbtmp3.9/16, ML4.1/2, MS3.1/8, MS1.3/18, ms1mx2.8/55, Error ellipse: s-maj=19.6km...

ISCJB 27 00:11:06.5:1.2, 10.52N:68.03W, h11km, MD4.1, mb3.8/14, MS3.0/4, Error ellipse: s-maj=10.1km...

NEIC 27 00:11:06.7:0.0, 10.56N:63.62W, h6km, mb4.0/1, MD4.1(TRN), MW4.3(CAR), After CAR.
ISC 27 00:11:06.8:0.5, 10.47N:0.05:63.62W:0.04, h23km, 3km, n81, c209/93, mb4.0/14, MS3.0/4, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PCRV Puerto La Cruz, PCRV 181nm, PCRV 2.4nm, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NNA Nana, SIV San Ignacio, LPAZ La Paz, etc.

IDC 27:00:14:10.9.2.7, 51.39N-95.99E, h0km, mb1 2.6/1, mb1mx2.4/70, mbtmp2.6/1, Error ellipse: s-maj=62.3km s-min=19.4km az=13.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo, SONM Songino Array, etc.

IDC 27:00:15:52.8.5.6, 24.04Sx177.31W, h0km, mb3.6/4, mb1 3.9/4, mb1mx3.6/45, mbtmp3.6/4, MS3.5/6, Ms1 3.5/6, ms1mx3.1/36, Error ellipse: s-maj=356.0km s-min=26.8km az=157.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, DZM Mont Dzumac, RAR Rarotonga, etc.

NIED 27:00:19:00, 37.70N, 142.10E, h32km, Mw3.5 Best double couple: Mb 1.75000x1.014, M17+8:87.00000, 829.00000, 1.174.00000, 1.429.192.00000, 837.00000, 871.00000

IDC 27:00:19:35.0.2.5, 37.84N, 142.69E, h0km, mb3.6/6, mb1 3.7/6, mb1mx3.4/69, mbtmp3.6/6, MS3.2/1, MS2.8/1, Ms1 2.8/1, ms1mx2.2/59, Error ellipse: s-maj=64.4km s-min=27.4km az=68.0

JMA 27:00:19:40.5.0.1, 37.72N, 142.12E, h29km, mb2.6/3, IDC 27:00:19:38.0.2.1, 37.87N, 142.14E, h0km, h10km, n25, s190/27, mb3.5/5, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JIO Ouri, JFK Kawauchi, JMM Marumori, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, KURBB Kurchatov Arra, WRA Warramunga Arr, etc.

IDC 27:00:25:34.8.5.2, 36.57N, 141.21E, h0km, mb3.5/4, mb1 3.6/5, mb1mx3.3/73, mbtmp3.6/5, ML3.1/1, MS3.0/2, h1 3.0/2, ms1mx2.4/58, Error ellipse: s-maj=96.5km s-min=42.4km az=152.0

ISCJB 27:00:25:37.1.0.3, 36.32N, 141.15E, 0.07, h33km, 6km, mb3.4/4, MS3.5/1, Error ellipse: s-maj=9.7km s-min=6.9km az=7.5

JMA 27:00:25:38.0.1.1, 36.31N, 141.04E, h45km, 1km, M3.3, JMA Felt J1, IDC 27:00:25:38.2.1.4, 36.36N, 141.04E, 0.07, h24km, 11km, n21, s093/22, mb3.3/4, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JHO Hitachi, JHO Choshi, JHO Yasato, etc.

IDC 27:00:26:39.5.9.0, 17.67Sx178.94E, h640km, 89km, mb3.6/6, mb1 3.7/7, mb1mx3.1/50, mbtmp4.7/7, Error ellipse: s-maj=78.6km s-min=49.1km az=112.0, Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, CTA Charters Tower, WRA Warramunga Arr, etc.

SOME 27:00:33:13.3, 42.77N-80.80E, h0km, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KTMS Ketmen, SHLS Shalkode, SHLS Uzynbulak, etc.

ISCJB 27:00:33:44.0.0.3, 6.50S, 154.91E, 0.04, h56km, mb4.9/64, MS3.0/2, Error ellipse: s-maj=6.3km s-min=4.9km az=38.2

IDC 27:00:33:44.0.0.6, 6.48S, 154.96E, h47km, 4km, mb4.3/19, mb1 4.5/21, ms1mx4.2/51, mbtmp4.6/21, MS3.4/7, Ms1 3.4/7, ms1mx3.1/42, Error ellipse: s-maj=14.7km s-min=12.7km az=113.0

DJA 27:00:33:46.2.0.7, 5.81S, 155.15E, 1.4, h68km, 12km, M5.4/30, mb5.2/30, mb6.0/6, Mw(MB)5.6/6

NEIC 27:00:33:49.1.0.8, 6.54S, 154.87E, h91km, 7km, mb5.0/20, Error ellipse: s-maj=7.9km s-min=5.5km az=54.0

BUI 27:00:33:51.0.6, 26.58S, 154.39E, h90km, mb4.5/21, mb5.1/14, ISC 27:00:33:45.9.0.4, 6.46S, 154.91E, 0.05, h56km, n121, s164/128, mb5.0/64, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RABL Rabaul, HNR Honiara, HNR Honiara, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, MANU Manus Island, COEN Coen, etc.

Table with columns: KMLI, comp, pmax, pmax, 00 43 47.3 +0.9, etc. Includes stations like LAMP, CM01, CM31, CMAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like ZALV, ZALV, ZALV, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like CDCH, CDCH, CPCH, etc.

ISC 27 00:45:25.7, 2.3, 51.68N, 96.08E, h0km, mb3.4/1, mb1 3.0/4, mb1mx2.8/73, mbtmp3.0/4, ML2.5/3, Error ellipse: s-maj=41.7km s-min=21.2km az=17.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like ORI, ORI, ORI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like ORI, ORI, ORI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like VAN, VAN, VAN, etc.

ISC 27 00:50:56.8, 4.2, 38.23N, 43.52E, h0km, mb3.6/2, mb1 3.4/5, mb1mx3.1/76, mbtmp3.4/5, ML2.6/3, Error ellipse: s-maj=51.4km s-min=20.3km az=17.0, MOS 27 00:50:33.0, 2.3, 52.43N, 95.85E, h10km, mb4.2/1, Error ellipse: s-maj=40.6km s-min=13.9km az=12.3, ISC 27 00:50:34.4, 1.0, 52.53N, 0.2, 95.84E, h10km, n15, ISC 27 00:50:34.4, 1.0, 52.53N, 0.2, 95.84E, h10km, n15, Southwestern Siberia

Table with columns: BASK, Baskale VAN, 0.67 152, P, Pg, 00 51 11.4 -0.2, etc. Includes stations like BASK, BASK, BASK, etc.

ISC 27 00:52:22.4, 2.8, 5.88S, 128.81E, h309km, 4.1km, mb2.6/1, mb1 3.3/5, mb1mx2.8/52, mbtmp3.9/5, Error ellipse: s-maj=68.8km s-min=18.4km az=84.0, ISC 27 00:52:23.7, 1.5, 6.15S, 0.1, 128.75E, h322km, n9, ISC 27 00:52:23.7, 1.5, 6.15S, 0.1, 128.75E, h322km, n9, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like SJUI, SJUI, SJUI, etc.

ISC 27 00:55:12.0, 2.8, 51.38N, 96.02E, h0km, mb3.3/1, mb1 3.3/1, mb1mx2.7/72, mbtmp3.3/1, Error ellipse: s-maj=104.3km s-min=23.8km az=22.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like ZALV, ZALV, ZALV, etc.

ISC 27 00:56:22.8, 1.4, 60.31N, 142.78W, h0km, mb3.8/4, mb1 3.6/8, mb1mx3.3/72, mbtmp3.5/8, ML2.9/4, Error ellipse: s-maj=24.5km s-min=18.5km az=170.0, PGC 27 00:56:25.5, 1.5, 60.41N, 143.27W, h1km, ML3.3/5, 185km Eze of Valdez, AK, Southern Alaska

ISC 27 00:56:26.0, 1.4, 60.53N, 0.02, 143.178W, 0.04, h14km, 3km, mb4.0/5, Error ellipse: s-maj=4.4km s-min=2.6km az=22.7, NEIC 27 00:56:26.0, 1.4, 60.48N, 143.27W, h15km, ML3.1(AEIC), ML3.3(OTT), After AIC, ISC 27 00:56:26.5, 0.8, 60.46N, 0.03, 143.26W, 0.02, h17km, 5km, n72, r132/96, mb4.0/5, Southern Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like KHIT, KHIT, KHIT, etc.

Table with columns: Station Name, Az, Phase ID, Time Res, ISC. Includes stations like YUK7, DUSTY Glacier, BC3A3, KNK, PAX, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like ZALV, SONM, MKAR, AKASG, etc.

NIED 27 01:11:00, 23.90N, 123.40E, h59km, Mw5.4 Best double couple: Mo=1.57000e+10, NP1=157.00000, delta=0.00000, lambda=177.00000, NP2=64.00000, delta=0.00000, lambda=64.00000

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like HATJ, IRIF, YOJ, etc.

Main table with columns: Station Name, Az, Phase ID, Time Res, ISC. Includes stations like JTY, NACB, YHNB, YULB, etc.

Main table with columns: Station Name, Az, Phase ID, Time Res, ISC. Includes stations like MAJO, Matsuhiro, MAT, etc.

27d 1h

2012 FEB

1490

Table with columns for station call letters, frequency, and various signal quality indicators. Includes stations like KIV, KIS, LEOM, TLR, SUW, etc.

Table with columns for station call letters, frequency, and various signal quality indicators. Includes stations like KIS, KIS, KIS, LEO, TLR, SUW, etc.

Table with columns for station call letters, frequency, and various signal quality indicators. Includes stations like SCO, SCO, SCO, SUMG, SUMG, etc.

Table with columns: Day, Station Name, Az, El, AzE, Phase, Op, ISC, h, m, s, Res, ISC. Rows include stations like Stuetta, Champ du Feu, Edmonton, Eskdalemuir Ar, Kangerlussuaq, Wamic, Valguarnera, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase, Op, ISC, h, m, s, Res, ISC. Rows include stations like Urumqi, Aktash, Kaitanak, Makanchi Array, Artybash, Zalesovo Array, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase, Op, ISC, h, m, s, Res, ISC. Rows include stations like Songio Array, Borovoye Array, Karatay Array, etc.

BUI 27 01:11:51.3, 47.05N-89.91E, h5km, mb4.0/2, ML4.1/9, Ms3.6/1, Ms7.3/1

MOS 27 01:11:52.7, 1.0, 47.00N-89.88E, h0km, mb3.7/14, mb1.3/8.0, mb1mx2.7/78, mbtmp3.7/20, ML2.4/6, MS4.2/1, Ms1.4/1/1, ms1mx2.7/95, Error ellipse: s-maj=19.2km s-min=11.4km az=5.0

IDC 27 01:33:37.9, 2.7, 51.37N-96.17E, h0km, mb1.3/0.2, mb1mx2.7/68, mbtmp3.0/2, ML2.4/2, Error ellipse: s-maj=47.6km s-min=18.0km az=11.0, Southwest Siberia

27d 2h

Table of astronomical observations for 27 days and 2 hours, listing station names (e.g., KSH, PYUN, INK), object names (e.g., comp=Z,97nm,4.2s), and various parameters like magnitude and position.

2012 FEB

Table of astronomical observations for February 2012, listing station names (e.g., FFC, NACGM, GNI), object names (e.g., Flin Flon, Naroch), and various parameters.

1494

Table of astronomical observations for 1494, listing station names (e.g., EKA, GERES), object names (e.g., GERESE Array B, GERESE Array S), and various parameters.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like CTAO Charters Tower, PMG Port Moresby, and many others.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like PDMCI Parker Dam, TPNV Topopah Spring, and many others.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like KSH comp=Z.26nm,4.5s, BOSA Boshof, and many others.

27d 3h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ABTA, DAVA, FETA, LIC, KIC, TIC, ESCD, TORD, TORO, TORO.

IDC 27 03:02:28.1+1.5, 51.66N, 96.29E, h0km, mb3.9/8, mb1.3/9.11, mb1mx3.6/7.5, mbtmp3.8/11, ML2.9/2, Error ellipse: s-maj=33.7km s-min=16.2km az=153.0

MOS 27 03:02:30.6-3.1, 52.25N, 95.66E, h10km, mb4.1/7, Error ellipse: s-maj=14.2km s-min=9.9km az=178.8

ISC 27 03:02:31.1-0.7, 52.22N, 01.95-90E, 0.05, h10km, n29, c=230/22, mb3.7/8, Southwestern Siberia

Main table for 27d 3h section, listing stations like HVS, ORL, ORL, ORL, MOY, MOY, MOY, ARS, ARS, ARS, ZAK, ZAK, ZAK, IRK, IRK, IRK, TRG, TRG, TRG, ZALV, ZALV, ZALV, OGRR, OGRR, SONM, SONM, ULN, MKAR, MKAR, MKAR, KURK, KURB, KURB, ARU, AKTO, AKTO, TIKSI, TIKSI, TIKSI, GRNR, GRNR, SEIN, SEIN, FINES, FINES, AKASG, BRTR, NOA, NOA, NOA, ILAR, TORO, TORO, TORO.

SOME 27 03:05:07.7, 42.63N, 70.40E, h5km, KRNET 27 03:05:09.0, 42.46N, 70.45E, h11km, mb3.9, NNC 27 03:05:08.2, 0.3, 42.67N, 70.37E, h0km, mpv2.9, Error ellipse: s-maj=3.7km s-min=1.6km az=95.0

ISC 27 03:05:06.5-1.1, 42.66N, 0.03, 70.47E, 0.02, h14km, 11km, n36, c=1920/70, 33C-13Z, Central Kazakhstan

Table for 27d 3h section, listing stations like KK07, KK07, KK06, KK06, KK03, KK03, KK02, KK02, KK08, KK08, KK31, KK31, KK01, KK01, KK04, KK04, KK05, KK05, KK09, KK09, IUG, IUG, IUG, CHM, CHM, CHM, ARK, ARK, ARK, ARK.

2012 FEB

Main table for 2012 FEB section, listing stations like MNAS, MNAS, TAS, TAS, TOKL, TOKL, MRKS, MRKS, ARSB, ARSB, EKSS, EKSS, AAK, AAK, AAK, USP, USP, UCH, UCH, CHMS, CHMS, KBK, KBK, TKM2, TKM2, BMNS, BMNS, DGS, DGS, KST, KST, MTBS, MTBS, IZV, IZV, KTBS, KTBS, TNSS, TNSS, MDOK, MDOK, MDOK, CHHK, CHHK, CHHK.

IDC 27 03:08:32.8, 1.3, 2.46N, 93.01E, h0km, mb4.1/9, mb1.4/2.12, mb1mx3.8/7.1, mbtmp4.1/12, ML4.0/2, MS3.0/1, Ms1.3/0.1, ms1mx2.5/6.4, Error ellipse: s-maj=39.3km s-min=21.7km az=31.0

ISCJB 27 03:08:34.5, 0.6, 2.57N, 0.07, 93.16E, 0.04, h21km, mb4.2/12, Error ellipse: s-maj=10.2km s-min=5.6km az=12.9

NEIC 27 03:08:34.3, 0.6, 2.45N, 93.01E, h10km, mb4.6/2, Error ellipse: s-maj=13.6km s-min=6.1km az=194.0

DJA 27 03:08:42.6, 0.9, 3.1N, 5.9E, h65km, 57km, M4, 7/9, mb4.7/7, mB5.2/6, MLV4.8/9, Mw(Mb)4.6/5, 0.9km, 0.5s, baz=138, slow=1.1, SNR=5.8

ISC 27 03:08:35.7, 0.7, 2.52N, 0.07, 93.19E, 0.06, h21km, n33, c=2908/41, mb4.3/12, Off west coast of northern Sumatara

Table for 2012 FEB section, listing stations like Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MLSI, MLSI, MLSI, TPTI, TPTI, GSI, GSI, LHMI, LHMI, PPSI, PPSI, PSI, PSI, PSI, MNSI, MNSI, PKDT, PKDT, KULM, KULM, KULM, IPM, IPM, TRTT, TRTT, SURT, SURT, SKLT, SKLT, PALK, PALK, PALK, PALK, SHL, SHL, LSKA, LSKA, WRA, WRA, GEYT, GEYT, KURB, KURB, KURK, KURK, ZALV, ZALV, BVAR, BVAR, ABKAR, ABKAR, KBZ, KBZ.

1498

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BRTR, GERES, DAVOX.

MOS 27 03:10:22.5, 2.4, 51.71N, 96.10E, h1km, mb4.3/1, Error ellipse: s-maj=47.9km s-min=19.1km az=172.3

IDC 27 03:10:23.9, 2.8, 51.55N, 96.26E, h0km, mb1.2/9.2, mb1mx2.8/7.2, mbtmp2.9/2, ML2.2/3, Error ellipse: s-maj=54.5km s-min=20.9km az=17.0

ISC 27 03:10:25.1, 1.2, 51.30N, 01.96-22E, 0.08, h10km, n11, c=1850/10, Southwestern Siberia

Table for 1498 section, listing stations like Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ORL, ORL, ORL, MOY, MOY, MOY, ARS, ARS, ARS, ZAK, ZAK, ZAK, IRK, IRK, IRK, TRG, TRG, TRG, ZALV, ZALV, ZALV, SONM, SONM, SONM, MKAR, MKAR, MKAR, KURK, KURB, KURB, KURBB, KURBB.

IDC 27 03:11:11.3, 1.3, 2.18N, 129.02E, h0km, mb3.5/3, mb1.3/7.3, mb1mx3.4/5.7, mbtmp3.4/5.3, Error ellipse: s-maj=71.2km s-min=22.2km az=79.0, Halmahera

Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WRA, WRA, ASAR, ASAR, MJAR, MJAR, MKAR, MKAR.

IDC 27 03:18:23.5, 0.8, 52.09N, 172.05W, h0km, mb3.7/10, mb1.3/9.12, mb1mx3.6/7.7, mbtmp3.6/12, ML3.1/2, Error ellipse: s-maj=29.6km s-min=14.8km az=169.0

ISCJB 27 03:18:29.3, 0.6, 51.90N, 0.10, 171.99W, 0.05, h50km, mb3.7/11, Error ellipse: s-maj=14.2km s-min=3.3km az=167.6

NEIC 27 03:18:30.7, 0.2, 52.00N, 171.95W, h53km, ML3.9(AEIC), After AEIC

ISC 27 03:18:30.5, 0.8, 52.12N, 0.2, 171.99W, 0.05, h50km, n37, c=1857/37, mb3.7/11, Fox Islands

Table for 1498 section, listing stations like Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KOSE, KOSE, KOFI, KOFI, KOKL, KOKL, KOWE, KOWE, OKSP, OKSP, GSTD, GSTD, OKAK, OKAK, OKWE, OKWE, ADAG, ADAG, KIRH, KIRH, MREK, MREK, TAPA, TAPA, MREP, MREP, TAFP, TAFP, UNV, UNV, AKUT, AKUT, AKUT, SDPT, SDPT, KDAK, KDAK, ILAR, ILAR, PETK, PETK, INK, INK, YKA, YKA, NEW, NEW, H1N2, H1N2, H1N3, H1N3, H1N1, H1N1, H1S1, H1S1, H1S2, H1S2, H1S3, H1S3, MJAR, MJAR, NVAR, NVAR, PDAR, PDAR, SONM, SONM, TXAR, TXAR, BVAR, BVAR.

Table with columns: WRA, ASAR, MAN 27 03:21:51, 10.03N, 123.21E, h3km, mb4.5, ML3.3, MS3.1, 2C-3D, Cebu

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, KSH Sibulan, SNPH Tagbilaran, TBP Lapu-Lapu, LJP San Jose, Antli, DCPH Dipolog City, DCPH Roxas, MSLP Maasin, MSLP Odiangan

Table with columns: MEX 27 03:29:49.3, 6.15, 108N, 93.65W, h13km, 255km, MD3.6, Near coast of Chiapas

Table with columns: JMA 27 03:34:46.7, 0.1, 34.12N, 140.11E, h38km, 2km, M3.5, IC-3D, Near east coast of eastern Honshu

Table with columns: ISCBJ 27 03:35:12.7, 0.4, 52.93S, 0.05, 10.3E, 0.2, h12km, mb4.5/2.1, MS3.8/8, Error ellipse: s-maj=15.5km

Table with columns: IDC 27 03:35:12.7, 0.6, 52.88S, 0.10, 35E, h0km, mb4.3/12, mb1.4/1.2, mb1mx2/3, mb1mx2/3, mb1mx2/3, Error ellipse: s-maj=22.7km

Table with columns: NEIC 27 03:35:14.0, 0.3, 52.92S, 10.36E, h10km, mb4.9, Error ellipse: s-maj=13.2km s-min=7.8km az=107.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, VN1 Neumayer-Stat, SNA Sanae, SNA Sanae, SNA Sanae

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, BOSA Boshof, LBTB Lobatse, TSUM Tsumeb, QSPA South Pole Qui, LSZ Lusaka

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, H10S2 ASCENSION HYDR48.26 326 T, H10S3 ASCENSION HYDR48.27 326 T, H10S1 ASCENSION HYDR48.27 326 T

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, Vnda Vanda, Vnda Vanda, Vnda Vanda, Vnda Vanda

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, PLCA Paso Flores, PLCA Paso Flores, CPUP Villa Florida, CPUP Villa Florida

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, LIC Lamto, LIC Lamto, LIC Lamto, LIC Lamto

Table with columns: ES19 SONSECA Array, BRTR Keskin Array, BRTR Kashi, KSH Kashi, KSH Kashi, KSH Kashi

Table with columns: CD2 Chengdu, WJQ Nanjing, TXAR Lajitas Array, HHC Hu-ho-hao-te, PDAR Piedrales Array, NVAR Mina Array

Table with columns: MSO Misoula, WJMT World Horse Val, WJOT Jette, JOBA Circle Bar Ran, BMO Blue Mountains, WALA Waterton Lakes

Table with columns: MOD Montrose, WDC Whiskeytown Da, GDB Pilot Rock, EDM Edmonton, TIXI Tiksi, YKA Yellowknife Ar, YKA Yellowknife Ar

Table with columns: IDC 27 03:40:09.8, 1.3, 4.59S, 145.55E, h0km, mb3.7/4, mb1.4/1.7, mb1mx3/7.45, mb1mx3/9.7, ML4.0/2, MS3.2/1, Ms1.3/2.1, ms1mx2/7.34, Error ellipse: s-maj=39.9km

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, PMG Port Moresby, PMG Port Moresby, PMG Port Moresby, COEN Coen

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, MTSU Mount Surprise, CTA Charters Tower, MTN Mantaro, WRA Warramunga Arr

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, RMQ Roma, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, FITZ Fitzroy Crossi, WRKA Waraka, H1S3 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, SONM Songoing Array, ILAR Eielson Array, TORO Torodi Ar, Bea

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, SKR Severo-Kuril's, SKR Severo-Kuril's, SKR Severo-Kuril's, SKR Severo-Kuril's

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, SKR Severo-Kuril's, SKR Severo-Kuril's, SKR Severo-Kuril's, SKR Severo-Kuril's

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ASAK Asacha, ASAK Asacha, ASAK Asacha, MTRV Mutnovka

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, MTRV Mutnovka, RUS Russkaya, RUS Russkaya, PEAOB Petropavlovsk

Table with columns: PET Petropavlovsk, PET Petropavlovsk, PET Petropavlovsk, PET Petropavlovsk, DAL Dalny, DAV Denny, UGLR Uglovaya

Table with columns: UGLR Uglovaya, AVH Avacha, AVH Avacha, SMAR Somma, SMAR Somma, SDLR Sedlovina, SDLR Sedlovina

Table with columns: KRX Arik, GNL Ganaly, GNL Ganaly, KUR Kuril'sk, KUR Kuril'sk, KUR Kuril'sk, SHO Shokotan

Table with columns: Yuzh-Kuril'sk, Tymovskoe, TYV Tymovskoe, TYV Tymovskoe, TYV Tymovskoe, UGL Uglegorsk

Table with columns: YSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ASAJ Asahikawa, ASAJ Asahikawa, ASAJ Asahikawa, ASAJ Asahikawa

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, KLR Kul'dur, USRK Ussuriysk Arr, USRK Ussuriysk Arr, YAK Yakutsk

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, YAK Yakutsk, YAK Yakutsk, BILL Bilbino, BILL Bilbino

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, CN2 Korea Arr, KRSR Korea Arr, KRSR Korea Arr, KRSR Korea Arr

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, KS01 Wonju Arr, KSAR Wonju Arr, KSAR Wonju Arr, KSAR Wonju Arr

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, H1N2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, H1S2 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, NJ2 Nanjing, NJ2 Nanjing, TLY Talaya, TLY Talaya, TLY Talaya, COLA College

27d 5h

Table with columns for station name, frequency, power, and signal strength. Includes stations like ZEA, KDAK, PPLA, BPAW, etc.

2012 FEB

Table with columns for station name, frequency, power, and signal strength. Includes stations like KDAK, PPLA, BPAW, etc.

1502

Table with columns for station name, frequency, power, and signal strength. Includes stations like INK, TAGY, ZAA1, etc.

27d 5h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like PSUT Pine Spring, DECC Green Verdugo, JLUO Jordanelle, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like SWSC Sam W. Stewart, IKP In-Ko-Pah, MOL Molde, etc.

1504

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like SUSD Miller, C35A Jirik Farms, X16A Lo Mia Camp, etc.

1505

STAV	Stavanger	71.36 343	eP	P	05 18 59.0	-0.6
STAV	comp=Z,36nm,0.5s		I Amb	I Amb	05 18 59.8	
TBLG	Delisi	71.36 311	eP	P	05 19 00.9	+0.8
TBLG	comp=Z,26nm,0.7s		pmax	pmax		
TBLG	Delisi	71.36 311	eP	P	05 19 00.9	+0.8
HOMB	Homborsund	71.37 341	eP	I Amb	05 18 58.9	-0.8
HOMB	comp=Z,37nm,0.9s		I Amb	I Amb	05 19 00.3	
AK3A	Hinrichs Farm, baz=319,SNR=8.0	71.44 42	P	P	05 19 00.2	-0.2
AK3A	Malin Array Be	71.56 326	P	P	05 18 59.7	-1.3
AKASG	comp=Z,60nm,0.6s,baz=34,slow=6.2,SNR=222		LR	LR	05 12 53.8	
AKASG	Malin Array Be	71.56 326	P	P	05 18 59.7	-1.3
AKASG	comp=Z,47nm,0.5s		pmax	pmax		
AKASG	comp=Z,437nm,20.6s,baz=30,slow=37		MLR	MLR		
AKKB	Malin Array Si	71.56 326	eP	P	05 18 59.7	-1.4
AKKB	comp=Z,60nm,0.6s		pmax	pmax		
AKKB	Malin Array Si	71.56 326	eP	P	05 18 59.7	-1.4
AKKB	comp=Z,60nm,0.6s		pmax	pmax		
L32A	Elgin	71.56 48	P	P	05 19 01.3	0.0
KIEV	Kiev	71.57 326	eP	P	05 18 59.7	-1.4
KIEV	comp=Z,57nm,0.7s		pmax	pmax		
KIEV	Kiev	71.57 326	eP	P	05 18 59.7	-1.4
KIEV	comp=Z,57nm,0.7s		pmax	pmax		
KIEV	Kiev	71.57 326	eP	P	05 18 59.5	-1.6
T25A	Trinidad	71.58 55	P	P	05 19 02.5	+0.7
T25A	comp=Z,38nm,1.1s		eP	eP	05 19 02.5	+0.7
SNART	Snartemo	71.59 342	eP	I Amb	05 19 00.7	-0.4
SNART	comp=Z,54nm,0.7s		I Amb	I Amb	05 19 01.2	
AK11	Malin Array Si	71.60 326	eP	P	05 18 59.7	-1.6
F38A	Pierce - Schro	71.61 42	P	P	05 19 01.7	+0.2
K33A	Hardington	71.63 47	P	P	05 19 01.8	+0.1
J34A	George	71.65 46	P	P	05 19 01.5	-0.3
H36A	Jessenland, He	71.68 44	P	P	05 19 02.6	+0.7
I35A	Creekside Farm	71.71 45	P	P	05 19 01.9	-0.2
SPMM	Marine on St.	71.73 43	P	P	05 19 02.1	-0.1
SPMM	Marine on St.	71.73 43	eP	P	05 19 02.2	-0.1
L33A	Hoskins	71.81 47	P	P	05 19 02.3	-0.5
E39A	Mellen	71.89 41	P	P	05 19 02.9	-0.3
BGNE	Belgrade	71.92 48	P	P	05 19 03.2	-0.2
BGNE	Belgrade	71.92 48	eP	P	05 19 03.6	+0.1
LAZ	Ladron	71.93 59	eP	P	05 19 05.2	+1.3
ANMO	Albuquerque	71.95 58	P	P	05 19 05.0	+1.0
ANMO	Albuquerque	71.95 58	eP	pmax	05 19 05.0	+1.0
ANMO	comp=Z,11nm,0.9s		pmax	pmax		
ANMO	Albuquerque	71.95 58	eP	P	05 19 05.0	+1.0
J35A	Milford	71.96 45	P	P	05 19 03.3	-0.4
K34A	Le Mars	72.02 46	P	P	05 19 03.9	-0.2
I36A	Fitzsimmons Fa	72.06 44	P	P	05 19 04.3	+0.1
F39A	Loretta	72.08 41	P	P	05 19 04.2	-0.1
AS01	Alice Springs	72.10 198	eP	P	05 19 05.6	+1.0
AS31	Alice Springs	72.11 198	eP	P	05 19 06.8	+2.1
ASAR	Alice Springs	72.11 198	P	P	05 19 06.6	+2.0
ASAR	comp=Z,7.5nm,0.7s,baz=15,slow=4.9,SNR=88		LR	LR	05 48 55.1	
E40A	Wakfield	72.13 40	P	P	05 19 04.9	+0.3
H37A	Dierke Farm, C	72.16 43	P	P	05 19 05.2	+0.4
G38A	Ridgegate	72.21 42	P	P	05 19 04.6	-0.6
AKH	Akhalkalaki	72.24 312	iP	P	05 19 06.6	+1.0
D41A	Chassel	72.24 39	P	P	05 19 05.1	-0.2
M33A	Taylor Creek F	72.29 48	P	P	05 19 05.4	-0.3
I37A	Lemond, Waseca	72.35 44	P	P	05 19 06.5	+0.5
H38A	Maiden Rock	72.39 43	P	P	05 19 06.0	-0.2
BNM	Barren Site	72.41 59	eP	P	05 19 07.9	+1.1
J36A	Seneca 1, Swea	72.41 45	P	P	05 19 06.1	-0.2
L34A	Svensen Farm, baz=319	72.41 47	P	P	05 19 06.1	-0.3
K35A	Storm Lake	72.43 46	P	P	05 19 06.0	-0.5
F40A	Park Falls	72.43 41	P	P	05 19 06.0	-0.4
G39A	Holcombe	72.44 42	P	P	05 19 06.8	-0.6
GNI	Garni	72.51 310	P	P	05 19 06.2	-1.0
GNI	comp=Z,8.0nm,0.7s,baz=9.4,slow=13,SNR=3.6		eP	eP	05 19 08.5	+1.3
GNI	Garni	72.51 310	eP	pmax	05 19 08.5	+1.3
GNI	comp=Z,29nm,0.7s		P	P	05 19 07.4	+0.2
E41A	Kenton	72.53 40	P	P	05 19 06.7	-0.2
BSD	Bornholm Skovb	72.59 336	iP	P	05 19 05.7	-1.4
BSD	comp=Z,46nm,0.7s		pmax	pmax		
BSD	Bornholm Skovb	72.59 336	iP	P	05 19 05.7	-1.4
PALK	Pallekele	72.60 262	P	P	05 19 08.2	+0.3
PALK	comp=Z,14nm,0.7s,baz=298,slow=2.3,SNR=9.2		pmax	pmax	05 19 08.2	+0.3
PALK	Pallekele	72.60 262	eP	pmax	05 19 08.2	+0.3
PALK	comp=Z,16nm,0.8s		P	P	05 19 08.2	+0.3
M34A	Aspy Farms, Fr	72.65 48	P	P	05 19 07.6	-0.2
L35A	Bielow Farm, R	72.72 46	P	P	05 19 07.6	-0.7
COWI	Conover	72.73 40	eP	P	05 19 07.8	-0.4
COP	Copenhagen	72.75 338	iP	P	05 19 07.5	-0.6
COP	comp=Z,49nm,0.8s		pmax	pmax		
COP	Copenhagen	72.75 338	iP	P	05 19 07.5	-0.6
319A	Douglas	72.75 63	eP	P	05 19 09.9	+1.2
N33A	J Bar K, Exete	72.77 49	P	P	05 19 07.6	-0.9
J37A	Redenius Farm, baz=319,SNR=6.5	72.81 44	P	P	05 19 08.8	+0.1
I38A	Scanlan Farm, baz=320,SNR=12	72.84 43	P	P	05 19 08.7	-0.2
H39A	Augusta	72.85 42	P	P	05 19 08.6	-0.3
121A	Cookes Peak, D	72.85 61	P	P	05 19 10.8	+1.4
MUD	Monsted U'grnd	72.86 340	iP	pmax	05 19 08.4	-0.3
MUD	comp=Z,30nm,0.9s		pmax	pmax		
MUD	Monsted U'grnd	72.86 340	iP	P	05 19 08.4	-0.3
MUD	comp=Z,30nm,0.9s		pmax	pmax		
MUD	Monsted U'grnd	72.86 340	iP	P	05 19 08.4	-0.3
K36A	Gilmore City	72.87 45	P	P	05 19 08.4	-0.2
G40A	Rib Lake	72.89 41	P	P	05 19 08.8	-0.4

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CBKS	Cedar Bluff	72.97 51	P	P	05 19 09.3	-0.5
CBKS	comp=Z,43nm,0.9s		pmax	pmax		
CBKS	Cedar Bluff	72.97 51	eP	P	05 19 09.3	-0.5
E42A	Champion	73.01 39	P	P	05 19 09.8	-0.1
F41A	Three Lakes	73.03 40	P	P	05 19 09.8	-0.1
LLD	Lille Linde	73.12 338	iP	P	05 19 09.8	-0.4
LLD	comp=Z,55nm,0.7s		pmax	pmax		
LLD	Lille Linde	73.12 338	iP	P	05 19 09.8	-0.4
M35A	Neola	73.13 47	P	P	05 19 10.5	-0.1
L36A	Harm Buss Farm	73.17 46	P	P	05 19 10.4	-0.5
K37A	Belmond	73.17 45	P	P	05 19 10.5	-0.4
N34A	Lincoln	73.18 48	P	P	05 19 09.9	-1.0
O33A	Hebron	73.19 49	P	P	05 19 10.0	-1.0
H40A	Chill	73.30 42	P	P	05 19 11.4	-0.3
J38A	Wedel Dairy, R	73.32 44	P	P	05 19 11.3	-0.4
QLP	Quilpie	73.34 188	P	P	05 19 23.9	+1.2
I39A	Houston	73.36 43	P	P	05 19 11.5	-0.5
G41A	Antigo	73.40 41	P	P	05 19 11.7	-0.4
SCHO	Schneville	73.41 23	P	P	05 19 11.8	-0.2
SCHO	comp=Z,8.8nm,0.7s,baz=297,slow=7.3,SNR=16		LR	LR	05 52 31.5	
SCHO	Schneville	73.41 23	eP	P	05 19 11.7	-0.3
F42A	Maple Grove Fa	73.44 40	P	P	05 19 12.1	-0.3
E43A	Lone Tree Farm	73.45 39	P	P	05 19 12.1	-0.4
GKP	Gorka Klasztor	73.52 334	eP	P	05 19 11.7	-1.0
GKP	Gorka Klasztor	73.52 334	eP	P	05 19 11.7	-1.0
O34A	Beatrice	73.57 49	P	P	05 19 12.3	-1.0
M36A	Fell Anita	73.58 47	P	P	05 19 13.2	-0.1
L37A	Phoenix Point, baz=319,SNR=17	73.60 45	P	P	05 19 13.2	-0.2
N35A	Tabor	73.60 47	P	P	05 19 13.4	-0.1
BEL	Belsk	73.63 331	eP	P	05 19 13.0	-0.4
BEL	Belsk	73.63 331	eP	P	05 19 13.0	-0.4
H41A	Junction City	73.64 41	P	P	05 19 13.3	-0.4
J39A	Decorar	73.67 43	P	P	05 19 13.1	-0.7
K38A	Parkersburg	73.69 45	P	P	05 19 13.6	-0.3
G42A	Molain	73.71 40	P	P	05 19 13.8	-0.2
H40A	Norwalk	73.76 42	P	P	05 19 14.0	-0.3
F43A	Flat Rock, Esc	73.81 39	P	P	05 19 14.3	-0.2
O35A	Humboldt	73.91 48	P	P	05 19 14.3	-1.0
SORM	Soroca	73.96 325	iP	P	05 19 14.2	-1.1
SORM	Soroca	73.96 325	iP	P	05 19 14.2	-1.1
P34A	Walnut Farm, R	73.97 49	P	P	05 19 14.7	-0.9
I41A	Arkdale	73.97 42	P	P	05 19 15.1	-0.4
L38A	Oak Wood Farm, baz=320,SNR=7.5	73.98 45	P	P	05 19 15.4	-0.1
N36A	Muff Farm, Cla	73.98 47	P	P	05 19 15.6	-0.1
M37A	Trine Farm	73.99 46	P	P	05 19 15.8	+0.1
G43A	Wallace	74.03 40	P	P	05 19 15.7	-0.1
SIM	Simeropol'	74.06 320	eP	P	05 19 15.6	-0.4
SIM	comp=Z,30nm,0.8s		pmax	pmax		
K39A	Oelwein	74.06 44	P	P	05 19 15.3	-0.8
J40A	Solars Grove	74.08 43	P	P	05 19 15.5	-0.7
EPT	El Paso	74.16 61	eP	P	05 19 18.1	+1.2
L3V	L'vov	74.21 328	eP	P	05 19 15.9	-0.9
L3V	comp=Z,7.6nm,1.8s		eS	eS	05 28 34.2	-4.7
H42A	Shiocton	74.23 41	P	P	05 19 16.6	-0.5
E45A	Wooded Hills, baz=323	74.24 38	P	P	05 19 16.3	-0.7
O34A	Chapman	74.37 50	P	P	05 19 17.2	-0.7
N37A	Lee Farms, Mou	74.40 47	P	P	05 19 18.1	0.0
P35A	Duane Minner, baz=319,SNR=7.1	74.40 49	P	P	05 19 17.3	-0.8
M38A	Pleasantville	74.41 46	P	P	05 19 18.0	-0.1
KSU1	Kansas State U	74.41 49	P	P	05 19 17.4	-0.8
KSU1	Kansas State U	74.41 49	eP	P	05 19 17.4	-0.8
K40A	Colesburg	74.43 44	P	P	05 19 17.7	-0.5
J41A	Loganville	74.44 42	P	P	05 19 17.7	-0.6
L39A	Winona	74.45 44	P	P	05 19 18.2	-0.2
O36A	Bolckow	74.49 48				

27d 5h

Table with columns: WMOIC, Location, Frequency, Power, Modulation, and other technical details. Includes entries like WMOIC Wichita Mounta, CLL Colim, CLL Colim, etc.

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Table with columns: Call Sign, Location, Frequency, Power, Modulation, and other technical details. Includes entries like ABTX Abilene, Hawle, ABTX Abilene, Hawle, P43A Skaggs, Panwee, etc.

1506

Table with columns: Call Sign, Location, Frequency, Power, Modulation, and other technical details. Includes entries like V40A Witts Springs, S43A Fulton Ridge, U41A Viola, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like BFO Black Forest, M54A Oil Creek Stat, U45A Rockin P Farm, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like 341A Kurthwood, PPT2 Papeete2, PPT2 Papeete2, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like SPRD Spring Road, IP07 Quail, IP06 Yancyville, etc.

27d 5h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like TOA1, TORI, KOWA, DBIC, TIC, KIC, LIC, Vnda, LPaz, MNMC, BOSA, PB11, PB01, GO05, PLCA, PLCA, PLCA, CPUP, CHRN, GO09, SNA0, SNA0, VNA2, VNA3.

DJA 27 05:19:00.7+0.5, 12.23N, 0.04-92.67E, h10km, M3.6/5, ML3.6/5, Irian Jaya region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like RKPI, RWPI, SWI, FAKI, FAKI.

ISCJJB 27 05:19:00.7+1.4, 12.23N, 0.04-92.67E, h2km, h2km, mb4.2/39, Error ellipse: s-maj=7.4km s-min=5.2km az=44.4

NEIC 27 05:19:04.0+0.6, 12.25N, 92.68E, h40km, 5km, mb4.6/9, Error ellipse: s-maj=5.7km s-min=3.7km az=70.0

ISC 27 05:19:04.0+0.9, 12.30N, 92.71E, h33km, 41km, mb3.9/29, mb1.4/1.31, mb1mx4.0/65, mbtmp4.1/31, ML4.1/2, MS3.1/1, Ms1.3/1.1, ms1mx2.7/55, Error ellipse: s-maj=20.4km s-min=15.8km az=50.0

ISC 27 05:19:04.0+0.9, 12.30N, 0.05-92.63E, 0.05, h34km, 2km, n109, r139/118, mb4.2/39, 8C-1D, Andaman Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like LHMI, CM01, CM01, CM31, CMAR, CMAR, CMAR, CHTO, KULM, PSI, PVI, PVM, PVT, KSH, GSHT, SKHT, PALK, PALK, ADKI, ADKI, NJS, NJS, SRLM, SRLM, RPR, RPR, HYB, HYB, HYB, SRSP, SRSP, ODAN, RAMN, RAMN, TAPN, TAPN, JIRN, KLRI, KLRI, PKI, PKI, PKIN, PKIN, GUN, GUN, DMN, KOLN, PYUN, XNIS, MYLDM, H08S3, H08S2, H08S1, AAK, MK01, MK31, MK32, MKAR, MKAR, MAK2, SONA0, SONA0, SONA0, SONM, SONM, KURBB, GEYT, KURK.

2024 FEB

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like KSAR, KRSR, ZALV, ZALV, ZAA1, ZAA1, FITZ, FITZ, ABKAR, USRK, AKTO, WR1, WR1, WRA, WRA, WRA, KBZ, ASAR, ASAR, AS31, BR101, BR101, BR131, BR131, BRTR, BRTR, AKASG, SORM, SORM, PLO, PLO, MLR, MLR, MLR, MLR, DOPR, VOIR, BUAR, ARG, DRGR, FIAO, FIAO, ARAO, ARCS, ARCS, ARSA, ARSA, OBKA, GEAO, GEAO, GERES, GERES, GERES, HFS, HFS, CLL, CLL, NB2, NB2, NB20, NB20, SPTS, SPTS, RETA, FETA, DAVOX, DAVOX, BOSA, BOSA, ESDC, ESDC, TORI, TORI, ILAR, ILAR, PDAR, NV01, NVAR, TXAR, TXAR.

SOME 27 05:28:52.7, 43.40N, 83.53E, h0km, NNC 27 05:29:00.6+2.0, 43.67N, 83.27E, h0km, mb2.7, mpv2.4, Error ellipse: s-maj=20.6km s-min=7.3km az=131.0

ISC 27 05:28:49.9, 3.143AN, 0.1, 83.7E, 0.1, h10km, n8, r139/15, 2C-6D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like KTMS, KTMS, DJR, DJR, PDGK, PDGK, PDGK, SHLS, SHLS, SHLS, MK31, MK31, MK31, KPKS, KPKS, KPKS, KAPS, KAPS, KAPS, MAK2, MAK2, MAK2, WRA, WRA, ASAR, ASAR.

1508

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like JUNU, MKAR, KURBB, Vnda.

ISCJJB 27 05:31:21.7+1.6, 4.6S, 0.3, 12.3W, 0.3, h10km, mb4.1/11, MS3.6/3, Error ellipse: s-maj=61.2km s-min=17.9km az=138.1

ICD 27 05:31:21.7+2.2, 4.68S, 12.14W, h0km, mb3.9/11, mb1.3/9.12, mb1mx3.7/64, mbtmp3.9/12, ML3.1/1, MS3.6/3, Ms1.6/3, ms1mx3.0/55, Error ellipse: s-maj=84.3km s-min=27.0km az=138.0

ISC 27 05:31:23.1+1.8, 4.75S, 0.4, 12.2W, 0.3, h10km, n2, r0579/13, mb3.4/11, MS3.7/3, North of Ascension Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like H10N2, H10N1, H10N3, H10S1, H10S2, H10S3, DBIC, KOWA, TORI, TSUM, ESDC, CPUP, SIV, DAVOX, GERES, EKA, BRTR, AKASG, HFS, FINES, PALK, KURBB.

ISCJJB 27 05:33:50.6+1.2, 34.6N, 0.1, 69.3E, 0.2, h24km, mb3.4/3, Error ellipse: s-maj=22.1km s-min=9.2km az=35.1

NNC 27 05:33:55.3+4.6, 34.64N, 69.27E, h26km, 137km, mb3.9, mpv3.7, Error ellipse: s-maj=112.1km s-min=28.6km az=8.0

ISC 27 05:33:58.9+7.4, 34.69N, 69.65E, h87km, 54km, mb3.0/3, mb1.3/1.7, mb1mx2.9/66, mbtmp3.4/7, ML3.2/4, Error ellipse: s-maj=11.9km s-min=3.4km az=136.0

ISC 27 05:33:51.8+1.7, 34.5N, 0.1, 69.3E, 0.2, h24km, n13, r157/19, mb3.4/3, 5C-6D, Southeastern Afghanistan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SFK, SFK, MNAS, MNAS, KK31, KK31, AAK, AAK, AAK, TKM2, TKM2, MKAR, AB31, KURBB, BVAR, ZALV, TORI, YKA.

ISCJJB 27 05:39:55.9+0.8, 13.1N, 0.1, 143.16E, 0.1, h138km, mb3.5/6, Error ellipse: s-maj=22.7km s-min=12.9km az=136.9

ICD 27 05:39:58.1+1.3, 13.05N, 143.82E, h145km, 12km, mb3.2/5, mb1.3/5.5, mb1mx3.1/55, mbtmp3.6/5, MS3.3/1, Ms1.3/3.1, ms1mx2.8/24, Error ellipse: s-maj=32.0km s-min=15.8km az=97.0

ISC 27 05:39:57.5+1.0, 13.1N, 0.1, 143.7E, 0.2, h138km, n8, r130/8, mb3.5/6, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like GUMO, GUMO, DAV, WARR, ASAR, DZM, KURBB, ILAR, YKA.

MEX 27 05:49:07.5+0.4, 15.21N, 93.14W, h91km, 7km, MD3.6, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like PCIG, PCIG, THIG, THIG, TGIG, TGIG.

27d 6h

Table of astronomical observations for 27 days, 6 hours. Columns include object name (e.g., CONA, BR101), coordinates, magnitude, and other parameters.

2012 FEB

Table of astronomical observations for 2012 February. Columns include object name (e.g., SORM, CVRD), coordinates, magnitude, and other parameters.

1510

Table of astronomical observations for 1510. Columns include object name (e.g., GYA, LZH), coordinates, magnitude, and other parameters.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KURBB Kurchatov Arra, KURBB 0.0nm,0.3s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes MAN 27 06:35:34, 10 26N, 123 30E, h33km, mb4.2, ML3.0, MS2.6, Cebu.

ISCJB 27 06:38:02.6, 0.6, 2.21N, 10.06, 128.25E, 0.09, h250km, mb3.6/9, Error ellipse: s-maj=12.4km s-min=8.3km az=163.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes SGSI Sangihe, SJIJ Sorong, SANI Sanana, FITZ Fitzroy Crossi, etc.

ISCJB 27 06:44:38.0, 0.7, 7.65S, 10.1, 13.57W, 0.10, h10km, mb3.8/8, Error ellipse: s-maj=22.7km s-min=9.1km az=148.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes H10N1 ASCENSION HYDR, H10N2 ASCENSION HYDR, etc.

ISC 27 06:46:05.4, 3.9, 7.66S, 13.65W, h0km, mb3.6/6, mb1.3/7, mb1mx3.5/53, mbtmp3.6/6, Error ellipse: s-maj=112.3km s-min=34.5km az=74.0, Ascension Island region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes H10N1 ASCENSION HYDR, H10N2 ASCENSION HYDR, etc.

ISC 27 06:52:16.4, 2.8, 54.15N, 87.17E, h0km, mb1.2/8/2, mb1mx2.7/70, mbtmp2.8/2, ML2.5/2, 3C-2D, Error ellipse: s-maj=22.8km s-min=16.0km az=64.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes H46RU ZALESOVO INFRA, ZAAO Zalesovo Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes ZALV 2.3nm,0.3s, baz=84, slow=11, SNR=17, KURBB Kurchatov Arra, etc.

ISCJB 27 06:55:49.0, 0.5, 7.66S, 0.09, 13.54W, 0.07, h10km, mb4.0/21, MS3.9/8, Error ellipse: s-maj=14.9km s-min=7.4km az=150.0

ISC 27 06:55:49.6, 0.6, 7.60S, 13.40W, h0km, mb4.0/21, mb4.1/22, mb1mx3.9/62, mbtmp4.0/22, ML3.4/1, MS3.8/9, Ms1.3/8/9, ms1mx3.4/54, Error ellipse: s-maj=19.3km s-min=15.7km az=137.0

ISC 27 06:55:50.7, 0.6, 7.65S, 0.1, 13.54W, 0.09, h10km, n36, c1547/28, mb4.0/21, MS3.9/8, Ascension Island region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes H10N1 ASCENSION HYDR, H10N2 ASCENSION HYDR, etc.

ISC 27 07:00:03.7, 3.4, 7.58S, 13.21W, h0km, mb3.9/10, mb1.3/9/10, mb1mx3.7/62, mbtmp3.9/10, Error ellipse: s-maj=100.6km s-min=32.5km az=74.0, Ascension Island region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes H10N1 ASCENSION HYDR, H10N2 ASCENSION HYDR, etc.

ISC 27 07:11:09.8, 0.6, 24.88S, 177.33W, h0km, mb4.1/2,

mb1.4/6/13, mb1mx4.3/35, mbtmp4.4/13, ML4.9/1, MS4.2/29, Ms1.4/2/29, ms1mx4.1/40, Error ellipse: s-maj=25.6km s-min=18.7km az=162.0

ISCJB 27 07:11:10.8, 0.2, 24.96S, 177.30W, 0.05, h10km, mb4.8/59, MS4.3/28, Error ellipse: s-maj=8.6km s-min=5.1km az=144.4

GCMT 27 07:11:12.1, 1.2, 0.2, 24.95S, 177.09W, h13km, MW5.0/81, Moment Tensor Solution, s43, c59, s81, c119, Duration: 0, Moment tensor: Scale 1016Nm, Mr=3.05E, 17; Mw=0.48; 12; Mw=2.57; 10; Mw=0.12; 31; Mw=1.64; 08; Mw=1.34; 25; Best double couple: M3.53900, 1016

NEIC 27 07:11:12.1, 1.2, 0.2, 24.94S, 177.26W, h10km, mb4.9/49, Error ellipse: s-maj=9.2km s-min=5.3km az=137.0

MOS 27 07:11:14.7, 1.0, 24.95S, 177.38W, h38km, mb5.0/21, MS4.3/4, Error ellipse: s-maj=14.4km s-min=13.1km az=52.2

ISC 27 07:11:15.0, 4.2, 24.98S, 177.20W, 0.10, h10km, n27, c162/205, mb4.8/59, MS4.3/28, 4.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes RAO Raoul Island, RAO Raoul Island, etc.

27d 7h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like LP1G, VES, EDW2, etc.

2012 FEB

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like S22A, RND, FXWY, etc.

1512

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KHC, GEC2, GERES, etc.

Table with columns: IMI, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Imperia, Moncuco Torin, Rocca Rossa, etc.

Table with columns: DAVA, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Touls Ste Croix, Les Rejaudoux, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Kurchatov Arra, Borovoye Arra, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like PDAR Pinedale Array, CMAR Chiang Mai Arr, MKAR Makanchi Arr, etc.

IDC 27 10:53:30.0, 0.7, 7.93S, 106.53E, h0km, mb4.0/12, mb1.4/21.3, mb1mx2.6, mbtmp4.1/13, ML2.5/1.1, Error ellipse: s-maj=24.3km s-min=14.6km az=44.0

ISCJB 27 10:53:37.9, 0.5, 7.83S, 0.06, 106.87E, 0.04, h17km, 4km, mb4.0/14, Error ellipse: s-maj=10.3km s-min=4.8km az=29.0

DJA 27 10:53:37.4, 0.8, 8.4, 107.7E, h17km, 6km, M4.6/17, m85.3/2, mb4.9/6, MLV4.1/17, Mw(mb)4.7/2

NEIC 27 10:53:38.4, 0.7, 7.82S, 106.79E, h61km, 6km, mb4.2/5, Error ellipse: s-maj=10.6km s-min=6.1km az=219.0

ISC 27 10:53:37.6, 1.0, 7.97S, 105.106E, 0.05, h56km, 9km, n67, c194172, mb4.0/14, Jawa

Main table of station data with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists numerous stations like CNJ, SKJ, SBJ, etc.

IDC 27 10:55:56.2, 3.2, 15.42S, 173.86W, h76km, 27km, mb3.4/5, mb1.3/6, mb1mx3.5/46, mbtmp3.8/6, MS3.1/1, Ms1.3/3/1, ms1mx2.6/25, Error ellipse: s-maj=106.1km s-min=19.1km az=1.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like AFI Afiamalu, WRA Warramunga Arr, ASAR Alice Springs, etc.

ISCJB 27 11:00:17.9, 0.2, 4.479N, 0.016, 74E, 0.02, h11km, 2km, Error ellipse: s-maj=22.6km s-min=2.1km az=155.8

CSEM 27 11:00:18.4, 0.1, 4.499N, 6.76E, h10km, ML2.6/21, Error ellipse: s-maj=2.0km s-min=1.5km az=58.0

LDG 27 11:00:19.0, 0.1, 4.499N, 6.76E, h2km, M2.6/2, M2.6/11, Error ellipse: s-maj=1.1km s-min=0.8km az=71.0

Main table of station data with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists numerous stations like BNI, RRL, MBDF, etc.

Main table of station data with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists numerous stations like SBF, SBF, SBF, etc.

IDC 27 11:02:39.3, 1.0, 0.76N, 126.38E, h0km, mb3.7/5, mb1.4/0.5, mb1mx3.6/53, mbtmp3.8/5, Error ellipse: s-maj=73.0km s-min=20.4km az=69.0

ISCJB 27 11:02:44.0, 0.8, 0.56N, 0.06, 126.15E, 0.08, h47km, mb3.8/5, Error ellipse: s-maj=13.1km s-min=7.5km az=151.7

DJA 27 11:02:45.5, 2.0, 0.5N, 126.16E, h25km, 20km, M3.4/6, MLV3.4/6

ISC 27 11:02:45.5, 1.0, 0.56N, 0.09, 126.18E, 0.09, h47km, n9, c0562/11, mb3.9/5, Northern Molucca Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists stations like LBMI, KMI, SANI, etc.

DDA 27 11:42:55.0,38.69N,43.02E,h7km,ML2.6
ISK 27 11:42:54.5,38.68N,43.03E,h18km,ML2.4/
ISCJB 27 11:42:55.0,38.69N,43.02E,h13km,1.6km,
Error ellipse: s-maj=7.8km s-min=5.8km az=163.5
CSEM 27 11:42:55.0,38.68N,43.01E,h10km,ML2.2,Error
ellipse: s-maj=4.8km s-min=4.3km az=28.0
ISC 27 11:42:55.3,1.1,38.68N,0.003,43.03E,0.03,h14km,12km,
n14,0939/24,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include VANB Van, GEVA Gevas, TUTA Tutak, GURO Guromyak-BITLI, etc.

IDC 27 11:44:03.5,2.9,51.32N,95.98E,h0km,mb1.3,2/1,
mb1mx2.9/7.4,mbtmp3.2/1,ML2.4/1,Error ellipse:
s-maj=61.8km s-min=21.5km az=10.0,Southwestern
Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include TLY Talaya, ZALV Zalevovo Beam, SONM Songoing Array, etc.

ISCJB 27 11:55:03.9,0.8,40.60N,0.05:39.30E,0.06,h11km,Error
ellipse: s-maj=7.2km s-min=6.1km az=18.7
CSEM 27 11:55:03.4,40.60N,39.25E,h7km,ML2.5
DDA 27 11:55:03.4,40.60N,39.25E,h7km,ML2.5
ISC 27 11:55:01.7,1.1,40.60N,0.06:39.36E,0.05,h11km,n11,
0850/15,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include GUMT Gumushane, MACK Trabzon, ESPY Esplye-Giresun, etc.

IDC 27 11:55:09.0,1.7,1.24N,97.03E,h0km,mb3.8/8,
mb1.3/10,mb1mx3.6/70,mbtmp3.8/10,ML3.8/2,MS2.6/1,
Ms1.2.6/1,ms1mx2.3/59,Error ellipse: s-maj=40.0km
s-min=24.7km az=50.0
ISCJB 27 11:55:10.7,1.3,1.3N,0.1:96.9E,0.1,h25km,mb3.8/8,
Error ellipse: s-maj=21.6km s-min=10.4km az=40.4
DJA 27 11:55:10.7,2.3,1.7N,159.7E,1.4,h14km,8km,M3.8/3,
ML3.8/3

ISC 27 11:55:13.3,1.4,1.4N,0.1:97.1E,0.2,h25km,n17,
0859/14,mb4.0/8,Northern Sumatera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include GSI Gunungsitoli, TPTI Prapat, PSI Prapat, etc.

ISCJB 27 11:58:02.1,0.5,3.22N,0.03:128.33E,0.04,h103km,5km,
mb4.6/48,Error ellipse: s-maj=6.4km s-min=4.1km
az=171.0
DJA 27 11:58:03.9,0.6,3.1N,6.1x12.8E,1,h96km,4km,MA.8/23,
mb4.9/23,mb5.3/12,MLV5.1/11,Mw(mb)4.7/12
NEIC 27 11:58:03.9,0.6,3.20N,128.27E,h106km,5km,mb4.7/22,
Error ellipse: s-maj=6.5km s-min=3.3km az=85.0
ISC 27 11:58:03.4,0.8,3.19N,128.22E,h100km,7km,mb2.4/26,
mb1.4,3/29,mb1mx4.1/65,mbtmp4.6/29,MS3.0/4,
Ms1.3,0/4,ms1mx2.6/49,Error ellipse: s-maj=16.1km
s-min=9.6km az=87.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include TPTI Ternate, SGTI Sangihe, LBMI Labuan, etc.

ISC 27 11:58:03.8,0.6,3.16N,0.04:128.31E,0.06,h103km,5km,
h103km,pP,0,n126,0:138/139,mb4.7/47,2C-2D,North of
Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include TPTI Ternate, SGTI Sangihe, LBMI Labuan, etc.

DAV comp=Z,90nm,19.1s,baz=156,slow=33
SWI Sorong 4.97 144 P Pn
SIJU Sorong 4.98 143 P Pn
SIJU Sorong 4.98 143 P Pn

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KMSI Cibinong, SANS Sanana, NLAI Namlea, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include FAKI Fak Fak, FAKI Fak Fak, MPSP Mapaga, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MTN Matan Dam, KMMI Kalianget, KSM Kaching, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include WRAB Waramunga Arr, WRAB Waramunga Arr, WRAB Waramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, KMI Kuning, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include XAN Xi'an, XAN Xi'an, CD2 Chengdu, etc.

MDJ Mudanjiang 41.30 1 eP
MDJ Mudanjiang 41.30 1 eP
MDJ Mudanjiang 41.30 1 eP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ASAJ Asajikawa, ASAJ Asajikawa, ASAJ Asajikawa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KSH Kashi, KSH Kashi, KSH Kashi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KURK Kurchatov Arr, KURK Kurchatov Arr, KURK Kurchatov Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ARU Arti, ARU Arti, ARU Arti, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ARCS ARCS Array, ARCS ARCS Array, ARCS ARCS Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MOY Mondy, MOY Mondy, MOY Mondy, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ORL Oriik, ORL Oriik, ORL Oriik, etc.

12 06 12.5 -2.1
12 11 24.3 -2.7
12 11 49.5 +3.8
12 05 39.4 +0.3

12 05 51.3 +0.8
12 05 50.8 +0.3
12 06 04.8 +0.4
12 06 25.0 -3.5
12 06 33.3 -6.8
12 06 12.6 -0.4

12 07 19.1 +1.2
12 07 28.1 +1.0
12 07 28.1 +1.0
12 07 50.4 -0.2
12 07 51.2 -1.0
12 07 51.2 -1.0

12 12 32.1 +0.4
12 07 50.0 +2.1
12 08 24.0 +1.9
12 08 34.8 +1.3
12 08 46.3 +3.0
12 10 14.0 +4.5

12 16 39.0 -0.3
12 08 52.5 -1.4
12 08 53.0 -0.9
12 08 54.8 -1.2
12 08 56.1 -0.3
12 09 25.1 -0.7

12 09 30.3 +0.8
12 09 33.8 -0.7
12 09 39.7 -1.3
12 09 39.7 -1.3
12 10 09.6 -0.2
12 10 09.6 -0.2

12 10 15.8 +0.5
12 10 15.3 0.0
12 11 20.0 0.0
12 11 18.6 0.0
12 10 23.1 +1.7
12 09 57.6 0.0

12 10 24.7 +1.3
12 10 26.9 -0.2
12 10 26.9 -0.2
12 10 51.2 -0.7
12 10 56.6 -1.9
12 10 56.6 -1.9

MOS 27 12:02:06.8,3.1,51.70N,96.08E,h10km,mb4.4/1,Error
ellipse: s-maj=31.9km s-min=14.9km az=177.1
IDC 27 12:02:06.5,2.3,51.66N,96.36E,h0km,mb3.8/1,
mb1.3/4.4,mb1mx3.1/73,mbtmp3.4/4,ML3.1/2,MS3.1/1,
Ms1.3,1/1,ms1mx2.1/62,Error ellipse: s-maj=49.3km
s-min=20.8km az=21.0
ISC 27 12:02:08.9,0.9,51.7N,0.1:96.23E,0.06,h10km,n15,
0221/14,Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ORL Oriik, ORL Oriik, ORL Oriik, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Little Creek M, U15A North Rim, CN2 Changchun, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like OBN comp=2.3,0nm,0.9s, VSR Storozevych, VSU Visulva, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Ms1 3.0/4, Ms1mx2.5/67, Error ellipse: s-maj=18.1km, NEIC 27 14:49:42.0, etc.

Code	Station Name	A°	AZ°	Phase	ID	Time	Res	JUNU	Nakatsue	75.97 317	LR	LR	15 35 08.3	KVN	Kaiserville	84.23 42	eP	P	15 07 15.8 +0.2
RAO	Raoul Island	4.39	188	Op	ISC	h m s	ISC	SCZ2	comp=Z,93nm,18.7s,baz=123,slow=3.8	80.11	45	P	P	NVL	N'lazarevskaya	84.40 183	eP	P	15 07 17.2 +1.5
RAO	66nm,0.3s,baz=73,slow=20,SNR=7.0			Sn	Sn	14 56 48.9	-4.3	PKM	McJerson Peak	80.56	45	P	P	NVL	comp=Z,19nm,1.6s				
NIUE	Niue	8.89	51	P	Pn	14 56 46.1	-1.7	PETK	Petrovskoye	80.68	345	P	P	Y14A	Wickenburg	84.41 176	eP	P	15 07 16.8 +1.0
AFI	Afiama	12.06	26	Pn	Pn	14 57 32.7	-1.3	SMKS	Simmer	80.71	44	P	P	SHPR	Sheep Range	84.54 46	eP	P	15 07 17.7 +0.5
AFI	2.2nm,0.3s,baz=276,slow=9.1,SNR=4.9			Sn	Sn	14 59 38.3	-2.0	MYKOM	Kota Tinggi	80.73	276	eP	P	W13A	Hualapai Mount	84.56 47	eP	P	15 07 18.0 +0.6
OZU	Omahuta	13.01	216	ePn	Pn	14 57 56.4	-1.6	SAO	San Andreas Ge	80.74	42	eP	P	J04D	Umpqua Nationa	84.60 37	P	P	15 07 18.0 +0.7
URZ	Urewera	14.18	199	Pn	Pn	14 58 11.2	-1.8	SAO	San Andreas Ge	80.74	42	eP	P	MOD	Modoc Plateau	84.73 39	eP	P	15 07 18.1 0.0
URZ	0.2nm,0.3s,baz=342,slow=20,SNR=2.5			Sn	Sn	15 00 39.1	-1.0	SAO	San Andreas Ge	80.74	42	eP	P	I04A	Tendick Farm,	84.81 36	P	P	15 07 18.0 -0.2
URZ	0.2nm,0.3s,baz=5.4,slow=5.5,SNR=3.0			Pn	Pn	14 58 13.8	+0.8	LPIG	La Paz	81.04	58	LR	LR	J05D	Fort Rock, OR	85.11 37	P	P	15 07 20.2 +0.3
URZ	14.18 199			Sn	Sn	15 00 39.1	-1.0	ARVC	Arvin	81.34	45	P	P	TUC	Tucson	85.12 51	P	P	15 07 20.5 +0.5
HIZ	Haiti	15.16	204	ePn	Pn	14 58 26.6	-0.9	MURC	Murieta	81.47	47	P	P	TUC	Tucson	85.12 51	eP	P	15 07 20.7 +0.6
BKZ	Black Stump Fm	15.20	199	ePn	Pn	14 58 27.4	-0.6	BFSO	Mount Baldy Ra	81.55	46	P	P	TUC	Tucson	85.12 51	eP	P	15 07 20.7 +0.6
DZM	Mont Dzumac	15.26	277	Pn	Pn	14 58 26.2	-0.7	YES	Vestal, Richgr	81.62	44	P	P	TUC	Tucson	85.12 51	eP	P	15 07 20.7 +0.6
DZM	0.2nm,0.3s,baz=79,slow=11,SNR=5.2			LR	LR	15 03 08.1		EDW2	Edwards Air Fo	81.72	46	P	P	G03D	McNichols, O	85.31 35	P	P	15 07 21.2 +0.7
DZM	comp=Z,2um,20.5s,baz=84,slow=33			Pn	Pn	14 58 26.4	-0.5	ISA	Isabella, Lake	81.90	45	P	P	R11A	Troy Canyon, C	85.36 44	P	P	15 07 21.9 +0.6
DZM	16nm,1.4s			eLR	LR	15 02 06.2		ISA	Isabella, Lake	81.90	45	eP	P	R11A	Troy Canyon, C	85.36 44	eP	P	15 07 21.9 +0.6
DZM	3um,24.9s			LR	LR	15 02 06.2		ISA	Isabella, Lake	81.90	45	eP	P	R11A	Troy Canyon, C	85.36 44	eP	P	15 07 21.9 +0.6
RAR	Rarotonga	16.45	81	Pn	Pn	14 58 34.8	-6.7	ISA	Isabella, Lake	81.90	45	eP	P	PSI	Prapat	85.61 275	LR	LR	15 48 16.5
RAR	comp=Z,7.6nm,1.0s			LR	LR	15 03 35.1		ISA	Isabella, Lake	81.90	45	eP	P	319A	Douglas	85.69 53	eP	P	15 07 23.8 +0.8
LHI	Lord Howe Isla	21.91	247	eP	P	14 59 43.4	+2.3	PFO	Plyon Flats O	81.96	47	P	P	PLCA	Paso Flores	85.74 133	P	P	15 07 24.6 +1.5
LHI	Lord Howe Isla	21.91	247	eP	P	14 59 41.0	0.0	BBRC	Big Bear Solar	82.05	47	P	P	PLCA	Paso Flores	85.74 133	P	P	15 07 24.6 +1.5
TBI	Tubuai	25.35	92	eLQ	LQ	15 05 02.4		CMB	Columbia Colle	82.20	42	eP	P	PLCA	Paso Flores	85.74 133	P	P	15 07 24.7 +1.5
TBI	1um,28.2s			eLR	LR	15 06 04.8		CMB	Columbia Colle	82.20	42	eP	P	PLCA	Paso Flores	85.74 133	P	P	15 07 24.7 +1.5
TBI	2um,27.8s,baz=259			eT	T	15 25 44.6		LRMC	Laurel Mtn Rad	82.29	45	P	P	PLCA	Paso Flores	85.74 133	eP	P	15 07 24.7 +1.5
HNR	Honiara	26.63	301	P	P	15 00 21.9	-3.0	AFDM	Forest Hills D	82.44	41	P	P	I05D	Terrebonne, OR	85.74 37	eP	P	15 07 24.2 +1.3
HNR	25nm,0.6s,baz=220,slow=4.6,SNR=6.1			P	P	15 00 21.9	-3.0	AFDM	Forest Hills D	82.44	41	P	P	X16A	Lo Mia Camp, P	85.83 49	eP	P	15 07 24.6 +0.9
HNR	comp=Z,1um,20.7s,baz=154,slow=32			LR	LR	15 09 01.1		BELC	Belle Mtn, Jos	82.50	47	P	P	WVOR	Wild Horse Val	86.03 39	eP	P	15 07 24.5 +0.1
HNR	Honiara	26.63	301	eP	P	15 00 22.9	-2.1	WDC	Whiskeytown Da	82.59	39	eP	P	WVOR	Wild Horse Val	86.03 39	eP	P	15 07 24.5 +0.1
HNR	comp=Z,7.6nm,1.0s			pmx	pmx	15 00 22.9	-2.1	WDC	Whiskeytown Da	82.59	39	eP	P	WVOR	Wild Horse Val	86.03 39	eP	P	15 07 24.5 +0.1
HNR	Honiara	26.63	301	eP	P	15 00 22.9	-2.1	WDC	Whiskeytown Da	82.59	39	eP	P	WVOR	Wild Horse Val	86.03 39	eP	P	15 07 24.5 +0.1
PAE	Paea	26.69	80	eT	T	15 27 20.8		SYO	Syowa Base	82.62	193	iP	P	LCMT	Little Creek M	86.08 46	eP	P	15 07 25.3 +0.5
PPT2	Papeete2	26.72	80	eLQ	LQ	15 05 41.2		SYO	Syowa Base	82.62	193	iP	P	CN2	Changchun	86.21 322	eP	P	15 07 26.5 +1.4
PPT2	comp=Z,2um,24.8s			eLR	LR	15 06 50.0		CWC	Cottonwood Cre	82.63	44	P	P	CCUT	Cedar City	86.32 46	eP	P	15 07 26.8 +0.8
PPT2	comp=Z,3um,27.2s,baz=248			eLR	LR	15 27 23.8		BC3	Big Chuckawall	82.66	48	P	P	G05D	Wamic, OR	86.35 36	P	P	15 07 26.7 +0.9
PPT2	Papeete2	26.72	80	eT	T	15 27 23.8		GLA	Glamis	82.73	49	P	P	U15A	North Rim	86.38 47	eP	P	15 07 27.2 +0.7
PPT	Papeete	26.73	80	LR	LR	15 07 59.3		GLA	Glamis	82.73	49	eP	P	WUAZ	Wupatki	86.48 48	eP	P	15 07 27.8 +1.0
TVO	Taravao	26.94	80	eT	T	15 27 39.9		GLA	Glamis	82.73	49	eP	P	WUAZ	Wupatki	86.48 48	eP	P	15 07 27.8 +1.0
ARMA	Armida	28.10	252	P	P	15 00 40.2	+2.1	GLA	Glamis	82.73	49	eP	P	SCZU	Shurtzberg Can	86.52 46	eP	P	15 07 28.4 +1.3
ARMA	Armida	28.10	252	eP	P	15 00 37.5	-0.6	MDPB	Devils Postpil	82.74	43	eP	P	PSUT	Pine Spring	86.57 45	eP	P	15 07 27.8 +0.5
EIDS	Eidsvold	28.68	262	P	P	15 00 44.1	+1.0	GSC	Goldstone, Bar	82.75	46	P	P	KLR	Kuldur	86.66 329	P	P	15 07 27.1 0.0
EIDS	Eidsvold	28.68	262	eP	P	15 00 43.0	-0.2	GSC	Goldstone, Bar	82.75	46	eP	P	KLR	Kuldur	86.66 329	P	P	15 07 27.1 0.0
MGCD	Mangrove Creek	28.83	246	P	P	15 00 46.8	+2.4	GSC	Goldstone, Bar	82.75	46	eP	P	KLR	Kuldur	86.66 329	eP	P	15 07 26.6 -0.5
VAH	Vaihoo	29.34	77	eT	T	15 30 38.3		N02D	Trinity Center	82.76	38	P	P	J08A	Circle Bar Ran	86.70 39	eP	P	15 07 26.7 -1.0
RMG	Roma	30.67	260	P	P	15 01 02.3	+1.6	MPMC	Manual Prospec	82.77	45	P	P	X18A	Snowflake	86.92 50	eP	P	15 07 29.6 +0.6
YNG	Young	31.23	244	P	P	15 01 07.4	+1.8	HEC	Heer Ludlow	82.78	46	P	P	SKNT	Sakolnakhorn	87.30 290	P	P	15 07 32.2 +1.2
CMSA	Cobar Meteorol	33.25	250	P	P	15 01 24.2	+1.0	O03D	Paynes Creek	82.83	39	P	P	MTPU	Mount Pierson	87.36 46	eP	P	15 07 31.7 +0.4
CTA	Charters Tower	34.03	271	P	P	15 01 31.2	+1.0	MLAC	Mammoth, Mam	82.89	43	P	P	121A	Cookes Peak, D	87.38 52	P	P	15 07 32.3 +1.0
CTA	Charters Tower	34.03	271	eP	P	15 01 31.2	+1.0	TIN	Tinamah, Big	82.91	44	P	P	W18A	Petrified Fore	87.39 49	eP	P	15 07 31.8 +0.5
CTA	Charters Tower	34.03	271	eP	P	15 01 31.2	+1.0	M02C	Callahan	82.96	38	P	P	W18A	Petrified Fore	87.39 49	eP	P	15 07 31.8 +0.5
CTA	Charters Tower	34.03	271	eP	P	15 01 31.2	+1.0	WAKR	Walker	83.08	42	eP	P	MSU	Marysvale	87.63 45	eP	P	15 07 33.2 +0.8
QLP	Quilpie	34.69	259	P	P	15 01 35.9	+0.1	IRM	Iron Mountain	83.17	48	P	P	MSU	Marysvale	87.63 45	eP	P	15 07 33.2 +0.8
MTSU	Mount Surprise	36.34	273	P	P	15 01 50.7	+0.7	GMRC	Granite Mounta	83.19	47	P	P	G08A	Pilot Rock	87.65 37	eP	P	15 07 32.3 +0.1
PMG	Port Moresby	37.22	288	P	P	15 01 55.5	-1.9	NJ2	Nanjing	83.24	31	eP	P	B05A	Bryant	87.95 33	eP	P	15 07 33.6 +0.3
PMG	Port Moresby	37.22	288	P	P	15 01 55.5	-1.9	NJ2	Nanjing	83.24	31	eP	P	E07A	Sunnyside	87.98 36	eP	P	15 07 33.3 -0.3
PMG	Port Moresby	37.22	288	eP	P	15 01 56.2	-1.2	YBH	Yreka Blue Hor	83.27	38	eP	P	MA2	Magadan	88.19 344	P	P	15 07 33.4 -0.8
PMG	Port Moresby	37.22	288	eP	P	15 01 56.2	-1.2	YBH	Yreka Blue Hor	83.27	38	eP	P	BMO	Blue Mountains	88.29 38	eP	P	15 07 35.0 -0.2
RKT	Rikitea	38.51	96	eLR	LR	15 12 08.7		YBH	Yreka Blue Hor	83.27	38	eP	P	BMO	Blue Mountains	88.29 38	eP	P	15 07 35.0 -0.2
RKT	Rikitea	38.51	96	eT	T	15 42 12.3		113A	Mohawk Valley	83.30	49	eP	P	Q16A	Castle Valley	88.51 45	eP	P	15 07 34.9 -1.6
TAOE	Nuku Hiva Isla	38.71	72	eLR	LR	15 12 21.5		PNTR	Pine Nut	83.35	41	eP	P	RC01	Rabbit Creek A	88.52 13	eP	P	15 07 35.5 -0.2
COEN	Coen	38.79	279	P	P	15 02 11.2	+0.6	Y12C	Blythe	83.35	48	eP	P	SUA	Suistina One	88.60 12	eP	P	15 07 35.6 -0.9
COEN	Coen	38.79	279	P	P	15 02 10.0	-0.5	Y12C	Blythe	83.35	48	eP	P	TMUT	Trail Mountain	88.62 45	eP	P	15 07 38.2 +0.7
HTT	Hallett	39.02	247	P	P	15 02 12.1	-0.2	BEKR	Beckworth	83.39	40	eP	P	MNTX	Cornudas Mount	88.70 54	P	P	15 07 38.0 +0.6
QIS																			

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalu, CTAO Charters Tower, ASAR Alice Springs, WRAB Tennant Creek, WRA Warramunga Arr, NVAR Mina Array Bea, TXAR Lajitas Array, SEY Seymchan, ILAR Eielson Array, AKASG Malin Array Be, BRTR Keskin Array B, CLL Koolim.

MEX 27 15:02:01.0-4, 17.90N-101.52W, h6km, 8km, MD3.8, Near coast of Guerrero

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ZIIG Zihuatango, ARIG Puente Sto Nin, ARIG El Cayaco, CAIG CAIG, MMIG Aquila, MEIG Mezcala, PLIG Platanillo.

SKO 27 15:12:31.8, 41.30N-20.31E, h0km, M0.8, ML1.4, Albania

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like OHR Ohrd, KRUS Kruzevo.

IDC 27 15:14:58.1-0.8, 53.06N-167.01W, h0km, mb3.8/19, mb1 4.0/20, mb1mx3.9/78, mbtmp3.8/20, ML3.0/1, MS4.0/1, Ms1 4.0/1, ms1mx2.8/76, Error ellipse: s-maj=24.2km s-min=13.5km az=4.0

ISCJB 27 15:15:02.6-0.5, 53.11N-166.81W, h0.07, h37km, mb3.8/21, MS4.0/1, Error ellipse: s-maj=7.6km s-min=5.3km az=139.6

NEIC 27 15:15:03.5-0.0, 53.17N-166.71W, h49km, ML3.9(AEIC), After AEIC

ISC 27 15:15:04.1-0.7, 53.18N-166.81W, h0.05, h37km, n46, n1913/43, mb3.8/21, Fox Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MGOD Makushin Gods, MREP Makushin Rep't, UNW Unalaska Valle, MSW Makushin Switc, OKTU Okmok Mt. Tuli, AKUT Akutan, WESP Westdahl Peak, WESN West Dahl Nor, SSSL Shishaldin Wes, SSSL Shishaldin Nor, KOPF Korovin Flat P, KDAD Kodiak Island, GAMB Gambell, ILAR Eielson Array, PETK Petropavlovsk, INK Inuvik, SEY Seymchan, BBB Bella Bella, MA2 Magadan, YKA Yellowknife Arr, NEW Newport, NVAR Mina Array Bea, INK Tuckaleechee C, TXAR Lajitas Array, SONM Songoing Array, KURK Kurchatov, KURBB Kurchatov Arr, BVAR Borovoye Array, MKAR Makanchi Array, HFS Hefner, AKASG Malin Array Be, CMAR Chiang Mai Arr, BNI Bardonecchia, BRTR Keskin Array B, WRA Warramunga Arr, ASAR Alice Springs.

MEX 27 15:19:16.1-0.3, 19.26N-103.79W, h58km, 6km, MD3.6, Jalisco

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like EZSV EZSV.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MMIG Aquila, CJM Chameia.

IDC 27 15:34:22.6-3.0, 23.62S-177.82W, h0km, mb3.7/4, mb1 4.1/4, mb1mx3.8/44, mbtmp3.7/4, MS3.6/9, Ms1 3.6/9, ms1mx3.3/4, Error ellipse: s-maj=201.8km s-min=30.2km az=160.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, PAE Papeete, PPT Papeete, PMG Port Moresby, ASAR Alice Springs, WRA Warramunga Arr, GUMO Guam, BPN Bani, RATI Rapa Nui, NVAR Mina Array Bea, PLCA Paso Flores, TXAR Lajitas Array, CMIG Matias Romero, AKASG Malin Array Be.

IDC 27 15:50:33.6-1.5, 57.63S-26.87W, h0km, mb3.9/2, mb1 3.9/3, mb1mx3.6/33, mbtmp3.9/3, ML3.7/1, Error ellipse: s-maj=59.2km s-min=40.4km az=47.0

ISCJB 27 15:50:34.5-1.1, 57.55S-26.77W, h0.6, h10km, mb3.8/2, Error ellipse: s-maj=49.3km s-min=15.2km az=155.9

ISC 27 15:50:35.4-1.0, 57.68S-26.97W, h0.3, h10km, n8, n1818/8, South Sandwich Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like VNA2 Neumayer Olymp, VNA3 Neumayer-Watz, SNA4 Sanae, SNA5 Sanae, LPAZ La Paz, TORD Torrd Arr, YKA Yellowknife Arr, ILAR Eielson Array.

IDC 27 15:55:50.7-1.5, 4.40S-128.09E, h0km, mb3.6/1, mb1 3.8/4, mb1mx3.4/57, mbtmp3.6/4, ML3.4/3, Error ellipse: s-maj=40.0km s-min=25.6km az=85.0

ISCJB 27 15:56:06.3-0.6, 4.56S-129.12E, h0.06, h150km, mb3.5/1, Error ellipse: s-maj=9.1km s-min=6.2km az=155.3

DJA 27 15:56:09.0-0.5, 4.54S-12.9E, h164km, 5km, M3.9/9, ML3.3/9

ISC 27 15:56:07.7-1.0, 4.37S-129.05E, h0.06, h150km, n13, n242/16, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BNDI Bandanaira, MSAI Masohi, AAI Ambon, NLAI Namlea, FAKI Fak Fak, LBMI Labuan, SJJI Sorong, SWI Sula, SAUI Sulaiki, WRA Warramunga Arr, MKAR Makanchi Array.

IDC 27 16:14:11.5-1.3, 12.83N-89.08W, h0km, mb4.1/9, mb1 4.3/11, mb1mx3.9/47, mbtmp4.1/11, ML3.2/2, MS3.3/6, Ms1 3.3/6, ms1mx2.9/45, Error ellipse: s-maj=39.0km s-min=19.5km az=48.0

NEIC 27 16:14:12.9-2.1, 12.87N-89.04W, h8km, 11km, mb4.6/19, Error ellipse: s-maj=17.5km s-min=8.6km az=218.0

ISC 27 16:14:16.7-1.1, 12.62N-101.8942W, h0.10, h47km, n151, n1502/136, mb4.3/24, MS3.3/5, 1C, Off coast of central America

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like COLS Colinas, LFRF El Faro, SNET Serv Nac Est T, BOQS Boqueron, PAVA Las Pavas, SGLS San Blas, TECA Tecapa, SNJE San Jose, RTR El Retiro, LCY Lacayo, CAHU Cacahuatitan, MTO3 Montecristo, TGUH Tegucigalpa, JTS JuntasAbangare, CMIG Matias Romero, CBCY The Bluff, Cay, LNIG Linares, ZAIG Zacatecas, SDV Santo Domingo, 454A Quitman, 243A Waterproof, 244A Avery, Jackson, 249A Camden, TIGA Trifton, 242A Grason.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like 148A Greensboro, 149A Jones, 150A Ecologic, 151A Opelika, JCT Junction City, JCT Junction City, LRAL Lakeview Res, Z46A Louisville, WHTX Lake Whitney, WHTX Lake Whitney, Z49A Columbian, Z48A Northport, Z50A Ashland, Y45A Yeager Farm, C, Y46A Houston, Y47A UCPARC Winfie, TXAR Lajitas Array, TX31 Lajitas Arr, Y49A Blount Mount, OXF Oxford, OXF Oxford, X48A Hartselle, X47A Russellville, X40A Basin Creek Fa, ABTX Abilene, Hawle, X50A Fort Payne, MIAR Mount Ida, MIAR Mount Ida, X39A Fountain Ranch, UALR University of, X37A Clayton, X37A Clayton, W48A Cord, W47A Westpoint, W41B Gary Mavity, V, X301 Greenbrier Sit, W40A Ferguson Farm, W39A Magazine, W38A Poteau, W46A Holiday, W48A Smith Brothers, W42A Cord, W47A Nunnally, W40A Mountview, V40A Wits Springs, V39A Pettigrew, TKL Tuckaleechee C, TKL Tuckaleechee C, KMSC Kings Mountain, WMOK Wichita Mounta, WMOK Wichita Mounta, U44B Burton Farm, H, U43A Reator, U42A Revenden, U41A Viola, U40A Yellville, MNTX Cornudas Mount, MNTX Cornudas Mount, PBMO Poplar Bluff, T42A Van Buren, T47A Sharon Grove, T43A Benton, T44A Greenville, T39A Clever, T40A Mansfield, T38A Diamond, T38A Amarillo, AMTX Amarillo, S43A Fulton Ridge, T37A Cheneyville 18, S41A Jills Farms, S44A Carbondale, SIUC Southern Illin, T35A Sooner Cattle, T36A Boggs Farm, Ca, T40A Lebanon, S42A Caledonia, S48A Wiedeman Farm, S39A Bolivar, S38A McCaskey Farm, T34A McCaskey Farm, CCM Cathedral Cave, CCM Cathedral Cave, S37A Fort Scott, R44A Wattonville.

27d 16h

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Table with columns for station code, name, frequency, power, and other technical details. Includes stations like ASAJ, JHUJ, YUK, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like YAK, SEY, ULN, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like MKAR, SHL, KURK, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ASAR, KLMM, KLMR, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like STHS, STHS, OJC, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like LPAZ, LPBZ, PB11, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like KBA, MYKA, VSL, ORDF, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like ES19, ESDC, ESLS, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like ZAK, ZAK, ZAK, etc.

ICD 27 16:38:19.4,3.2,33.67S;178.64W,h0km,mb3.6/2, mb1 3.9/3,mb1mx3.6/40,mbtmp3.7/3,ML3.6/1,Error ellipse: s-maj=75.3km s-min=36.7km az=18.0

ISCJB 27 16:38:21.9,1.6,33.75S;0.1:178.6W,0.3,h35km,mb3.5/2, Error ellipse: s-maj=35.9km s-min=8.7km az=20.5

WEL 27 16:38:23.0,0.8,34.5S;16.1:179.2W,2.7,h33km,ML4.2/7

ISC 27 16:38:24.2,0.4,33.65S;0.2:178.7W,0.4,h35km,n21, @1911/22,South of Kermadec Islands

Code Station Name Az AzZ Phase ID Time Res h m s ISC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MXZ, WMGZ, HAZ, etc.

ICD 27 16:48:58.7,1.0,51.61N;95.88E,h0km,mb3.6/3, mb1 3.4/5,mb1mx3.1/73,mbtmp3.4/5,ML2.3/1,Error ellipse: s-maj=29.4km s-min=12.5km az=176.0

MOS 27 16:48:59.0,3.4,51.75N;95.97E,h10km,mb4.1/1,Error ellipse: s-maj=36.8km s-min=19.5km az=172.6

ISC 27 16:49:00.8,0.9,51.3N;0.1:95.98E,0.07,h10km,n15, @1911/15,mb3.5/3,Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ORL, MOY, ARS, etc.

ICD 27 17:07:45.4,1.7,25.30S;177.54W,h0km,mb3.6/2, mb1 4.1/3,mb1mx3.7/39,mbtmp3.9/3,ML4.7/1,MS3.5/1, Ms1 3.5/1,ms1mx3.2/41,Error ellipse: s-maj=48.5km s-min=39.4km az=120.0,South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAO, AFI, URZ, etc.

ICD 27 17:08:12.4,4.5,2.77S;138.88E,h0km,mb3.5/3, mb1 3.7/4,mb1mx3.4/41,mbtmp3.5/4,ML3.5/1,Error ellipse: s-maj=195.2km s-min=26.7km az=87.0,Irian Jaya

WRA Warramunga Arr 17.63 194 P P 17 12 18.8 -1.0

ASAR Alice Springs 21.32 193 P B 17 13 01.5 +0.4

ICD 27 17:14:55.5,999.0,57.02N;34.87E,h0km,Error ellipse: s-maj=748.9km s-min=45.7km az=102.0,Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like I43RU, I31KZ, I46RU, etc.

ICG 27 17:17:21.2,1.4,4.5S;34.77W,7.3,h12km,MLv4.1/4, Northern Peru

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BPAT, BMAS, BULB, etc.

ISCJB 27 17:31:30.8,0.4,24.30S;0.0:4.67:26W,0.0:03,h181km, mb3.6/2,Error ellipse: s-maj=6.2km s-min=3.9km az=21.1

ICD 27 17:31:32.8,2.5,24.18S;66.95W,h173km,23km,mb3.4/2, mb1 3.4/6,mb1mx3.2/45,mbtmp3.8/6,Error ellipse: s-maj=33.0km s-min=19.1km az=79.0

ICD 27 17:31:32.0,0.8,24.28S;0.05:67:23W,0.0:4,h181km,n24, @1979/37,4C-1D,Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AZAP, HJA, ASTB, etc.

27d 18h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ANCH Antofagasta, ALOL LOMAS DE OLMED, AHML Horco Molle, etc.

CSEM 27 17:36:22.6, 0.3, 38.62N, 39.58E, h20km, MD2.5, Error ellipse: s-maj=7.0km s-min=5.1km az=62.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PTK Pertek, ELZG Elazig, TUNCEL Merkez, etc.

IDC 27 17:37:15.6, 4.7, 2.58S, 139.27E, h0km, mb3.3/2, mb1 3.5/3, mb1mx3.1/49, mbtmp3.3/3, ML3.3/1, Error ellipse: s-maj=188.5km s-min=28.3km az=87.0, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

IDC 27 17:46:50.8, 2.9, 30.24N, 113.98W, h0km, mb3.9/2, mb1 3.6/4, mb1mx3.4/62, mbtmp3.4/4, ML3.2/2, MS3.3/3, Ms1 3.3/3, ms1mx2.6/1, Error ellipse: s-maj=52.1km s-min=13.9km az=28.0, Gulf of California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NVAR Mina Array Bea, TXAR Lajitas Array, TXAR Lajitas Array, etc.

NIED 27 17:47:00.3, 5.2, 20N, 140.10E, h107km, Mw3.9 Best double couple: M7.89000, 1014 NP13s55.00000, 329.00000, 1-19.00000, NP2: 162.00000, 881.00000, 1-117.00000

ISCJB 27 17:47:36.3, 0.3, 35.19N, 0.04, 140.06E, 0.05, h15km, 2km, mb3.8/15, Error ellipse: s-maj=7.5km s-min=5.4km az=43.0

JMA 27 17:47:36.3, 0.2, 35.21N, 140.07E, h114km, 2km, M3.8 Broadband fault plane solution: P waves: NP1: 164.00000, 374.00000, 1-109.00000, NP2: 35.00000, 825.00000, 1-42.00000, Principal axes: T P1g26.00000, Azm269.00000, N P1g18.00000, Azm170.00000, P P1g57.00000, Azm49.00000

JMA Felt J1, IDC 27 17:47:37.5, 0.8, 35.15N, 140.00E, h113km, 8km, mb3.5/15, mb1 3.7/18, mb1mx3.5/72, mbtmp3.9/18 Error ellipse: s-maj=15.4km s-min=6.0km az=70.0

ISC 27 17:47:37.4, 0.7, 35.26N, 0.05, 140.05E, 0.05, h110km, 5km, n52, i126/58, mb3.8/15, 3C-9D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JCN Nagara, KTR Katsura, KTR Tatemaya 2, etc.

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Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JYO Yokosk, BSO4 Boso 4, BSO3 Boso 3, etc.

DJA 27 18:02:54.7, 0.3, 3.3S, 129.9E, h10km, 2km, M3.6/12, mb5.2/1, mb4.6/3, MLV3.1/12, Mw(mb)4.6/1, Mwp6.0/1, Seram

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MSAI Masohi, AAI Ambon, NAI Namlea, etc.

ISCJB 27 18:09:40.7, 0.8, 2.34S, 0.05, 99.31E, 0.07, h30km, mb3.5/4, Ms2.9/2, Error ellipse: s-maj=11.5km s-min=5.3km az=148.8

IDC 27 18:09:40.1, 2.9, 2.08S, 99.76E, h0km, mb3.4/5, mb1 3.7/5, mb1mx3.4/70, mbtmp3.5/5, MS2.8/3, Ms1 2.8/3, ms1mx2.5/38, Error ellipse: s-maj=10.4km s-min=22.4km az=61.0

DJA 27 18:09:42.3, 0.9, 2.54S, 99.9E, h29km, 11km, M3.9/12, mb5.3/1, mb4.1/5, MLV3.8/12, Mw(mb)4.7/1

ISC 27 18:09:42.8, 1.0, 2.30S, 0.06, 99.37E, 0.09, h30km, n30, 0.65/23, mb3.5/4, Southern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PPSI Pulau Pagai, SISI Saibi, PDSI Padang, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PALK Pallekele, H0S2 Diego Garcia H, H0S3 Diego Garcia H, etc.

ISCJB 27 18:13:05.8, 0.6, 51.15N, 0.1, 96.02E, 0.08, h10km, mb3.6/9, MS2.7/1, Error ellipse: s-maj=19.4km s-min=6.6km az=173.7

IDC 27 18:13:05.8, 0.8, 51.58N, 96.14E, h0km, mb3.7/9, mb1 3.6/10, mb1mx3.4/82, mbtmp3.6/12, ML2.5/3, MS2.9/1, Ms1 2.9/1, ms1mx2.1/64, Error ellipse: s-maj=21.9km s-min=10.5km az=179.0

MOS 27 18:13:07.0, 5.2, 51.71N, 95.71E, h10km, mb4.0/7, Error ellipse: s-maj=18.8km s-min=11.9km az=179.9

ISC 27 18:13:08.0, 0.7, 51.7N, 0.1, 96.04E, 0.06, h10km, n24, 0.1943/21, mb3.6/9, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ORL Orlik, MOY Mondy, ARS Arshan, etc.

KRSC 27 18:23:50.7, 1.5, 54.23N, 162.93E, h32km, 28km, 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. Includes stations like TUMD Tumrok D, KZV Kizimen, KZV Tumrok, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like KK01 Karatay Array, KK02 Karatay Array, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like FRU Bishkek, KZA Kyzart, CEVT Deyhan, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like VRH comp=N,630nm,4.6s, VRH comp=Z,540nm,13.0s, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like KIS, KISHINEV, LEOM, ZSN, BOK, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like KLMR, IGIN, KECS, KECS, ISAL, IZAR, PSZ, PSZ, PSZ, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like KBA, GEAO, GEAO, GERES, GERES, GERES, etc.

27d 18h

Table with columns for day (TUE, WED, etc.), name, time, and various performance metrics (eP, P, S, etc.).

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Table with columns for day (XAN, YAN, etc.), name, time, and various performance metrics (LR, LR, etc.).

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Table with columns for day (PMTG, PTOM, etc.), name, time, and various performance metrics (eP, P, S, etc.).

BOZ	comp-Z,20nm,0.9s		pmax	pmax			
BOZ	Bozeman (W)	91.24	37	eP	P	19 44 54.0	+1.5
BNI	comp-Z,20nm,0.9s						
BNI	Bardonecchia	91.29	322	eP	P	19 44 53.0	+0.3
BNI	comp-Z,22nm,1.2s						
BNI							
BNI	comp-Z,5um,18.0s						
BNI	Bardonecchia	91.29	322	eP	P	19 44 53.0	+0.3
BNI	comp-Z,22nm,1.2s						
MCH1	comp-Z,5um,18.0s						
MCH1	Michaelchurch	91.32	332	eP	P	19 44 52.5	0.0
MCH1	comp-Z,147nm,1.3s						
MCH1							
RYN	comp-Z,3um,18.1s						
RYN	Ryan	91.32	46	eP	P	19 44 54.8	+1.8
RYN	comp-Z,26nm,1.2s						
RYN							
MONM	comp-Z,500nm,20.0s						
MONM	Monmouth	91.35	332	eP	P	19 44 51.6	-0.9
MONM	comp-Z,24nm,1.3s						
MONM							
MONM	comp-Z,86nm,1.5s						
MONM							
BATH	comp-Z,3um,16.0s						
BATH	Bath	91.43	331	eP	P	19 44 52.8	-0.2
BATH	comp-Z,4um,17.1s						
MDPB	Devils Postpil	91.52	47	eP	P	19 44 55.5	+1.5
PPT	comp-Z,24nm,1.3s						
PPT	Papeete	91.52	109	LR	LR	20 20 18.2	
PPT2	comp-Z,436nm,19.7s						
PPT2	Papeete2	91.53	109	eS	S	19 55 47.7	-3.7
PPT2	comp-Z,450nm,29.2s						
PPT2	Papeete2	91.53	109	eLR	eLR	20 14 18.3	
NV01	comp-Z,1um,22.8s						
NV01	Mina Array Sit	91.57	46	eP	P	19 44 54.6	+0.4
NVAR	comp-Z,15nm,1.0s						
NVAR	Mina Array Bea	91.57	46	eP	P	19 44 55.1	+0.9
NVAR	comp-Z,0.5nm,0.7s						
NVAR							
NVAR							
NV11	comp-Z,121nm,18.7s						
NV11	Mina Array Sit	91.67	46	eP	P	19 44 56.0	+1.5
NV11	comp-Z,1.8nm,1.3s						
MLAC	comp-Z,1.8nm,1.3s						
MLAC	Mammoth, Mammoth	91.68	47	eP	P	19 44 56.0	+1.3
SSF	comp-Z,3um,18.0s						
SSF	Saint Sauveur	91.68	325	eP	P	19 44 53.8	-0.4
SSF	comp-Z,13nm,1.3s						
SSF							
LPW	comp-Z,13nm,1.3s						
LPW	Lampeter	91.68	332	eP	P	19 44 54.4	+0.3
PAGB	comp-Z,3um,22.0s						
PAGB	Antelope Grade	91.79	49	eP	P	19 44 56.4	+1.4
QLMT	comp-Z,40nm,1.2s						
QLMT	Earthquake Lak	91.83	37	eP	P	19 44 57.3	+2.0
YHB	comp-Z,46nm,1.0s						
YHB	Horse Butte	92.01	37	eP	P	19 44 58.4	+2.2
GCMT	comp-Z,46nm,1.0s						
GCMT	Grey Butte	92.17	36	eP	P	19 44 58.2	+1.5
YHH	comp-Z,40nm,1.0s						
YHH	Holmes Hill	92.18	37	eP	P	19 44 59.0	+2.0
YHH	comp-Z,600nm,19.0s						
YHM	Madison River	92.19	37	eP	P	19 44 59.3	+2.4
YHM	comp-Z,31nm,1.0s						
SMMC	comp-Z,31nm,1.0s						
SMMC	Simmler	92.19	49	eP	P	19 44 58.0	+1.1
SSB	comp-Z,3um,18.0s						
SSB	Saint Sauveur	92.30	324	eP	P	19 44 57.3	+0.1
SSB	comp-Z,3um,18.0s						
SSB	Saint Sauveur	92.30	324	eP	P	19 44 57.3	+0.1
SSB	comp-Z,3um,18.0s						
SSB	Saint Sauveur	92.32	37	eP	P	19 45 00.4	+2.9
YNR	comp-Z,3um,18.0s						
YNR	Norris Junction	92.40	47	eP	P	19 44 59.0	+1.1
TIN	comp-Z,23nm,1.1s						
TIN	Tinemaha, Big	92.40	47	eP	P	19 44 59.0	+1.1
YFT	comp-Z,40nm,1.0s						
YFT	Old Faithful	92.40	37	eP	P	19 45 01.6	+3.7
YFT	comp-Z,40nm,1.0s						
YFT							
LDL	comp-Z,2um,18.0s						
LDL	La Druitiere	92.44	328	eP	P	19 44 56.4	-1.3
LDL	comp-Z,61nm,1.4s						
LDL							
YES	comp-Z,61nm,1.4s						
YES	Vestal, Richgr	92.52	48	eP	P	19 44 59.7	+1.4
YPP	comp-Z,52nm,1.1s						
YPP	Pitchstone Pla	92.53	38	eP	P	19 45 01.7	+3.0
PKM	comp-Z,17nm,1.2s						
PKM	Mcpheon Peak	92.55	49	eP	P	19 44 60.0	+1.2
H17A	comp-Z,3um,18.0s						
H17A	Grant Village	92.58	37	eP	P	19 45 01.9	+3.1
H17A	comp-Z,52nm,1.1s						
H17A	Grant Village	92.58	37	eP	P	19 45 01.9	+3.1
FXWY	comp-Z,18nm,1.3s						
FXWY	Fox Creek	92.82	38	eP	P	19 45 01.8	+1.9
RLMT	comp-Z,3um,18.0s						
RLMT	Red Lodge	92.82	36	eP	P	19 45 01.4	+1.6
RLMT	comp-Z,22nm,0.8s						
RLMT	Cottonwood Cre	92.85	47	eP	P	19 45 01.0	+0.9
CWC	comp-Z,22nm,0.8s						
CWC	Cottonwood Cre	92.85	47	eP	P	19 45 01.0	+0.9
DYA	comp-Z,70nm,1.3s						
DYA	Yadsworth	92.86	331	Iamb	Iamb	19 44 59.4	
DYA	comp-Z,4um,15.9s						
DYA	Moose Ponds	92.90	38	eP	P	19 45 02.1	+1.9
MOOW	comp-Z,23nm,1.4s						
MOOW	Teton Pass	92.95	38	eP	P	19 45 01.7	+1.1
TPAW	comp-Z,23nm,1.4s						
TPAW	Hansel Valley	92.99	40	eP	P	19 45 02.6	+2.0
HVU	comp-Z,18nm,1.1s						
HVU	Hansel Valley	92.99	40	eP	P	19 45 02.6	+2.0
HVU	comp-Z,300nm,19.0s						
HVU	Hansel Valley	92.99	40	eP	P	19 45 02.6	+2.0
HVU	comp-Z,18nm,1.1s						
HVU							
GRAC	comp-Z,300nm,19.0s						
GRAC	Grapevine Rang	93.00	46	eP	P	19 45 01.6	+1.0
ISA	comp-Z,305						
ISA	Isabella, Lake	93.03	48	eP	P	19 45 01.9	+1.1
ISA	comp-Z,305						
ISA	Isabella, Lake	93.03	48	eP	P	19 45 01.3	+0.5
ISA	comp-Z,9.0nm,1.0s						
ISA	Isabella, Lake	93.03	48	eP	P	19 45 01.3	+0.5
LOHW	comp-Z,9.1nm,1.0s						
LOHW	Long Hollow	93.07	38	PFAKE	LR	19 45 10.0	+9.0
SNOW	comp-Z,1um,20.0s						
SNOW	Snow King Moun	93.08	38	eP	P	19 45 01.0	-0.1
REDW	comp-Z,25nm,1.4s						
REDW	Red Top Meadow	93.09	38	eP	P	19 45 03.1	+1.9
VSL	comp-Z,25nm,1.4s						
VSL	Villasalto	93.12	317	PFAKE	LR	19 45 10.0	+8.9
DAC	comp-Z,1um,19.0s						
DAC	Darwin (Calif)	93.27	47	eP	P	19 45 03.2	+1.2
DAC	comp-Z,23nm,1.1s						
DAC	Darwin (Calif)	93.27	47	eP	P	19 45 03.2	+1.2
AHID	comp-Z,24nm,1.1s						
AHID	Auburn Hatcher	93.33	39	eP	P	19 45 02.9	+0.7
LAO	comp-Z,18nm,1.2s						
LAO	LASA Array	93.34	34	eP	P	19 45 03.1	+1.1
LAO	comp-Z,43nm,1.1s						
LAO	LASA Array	93.34	34	eP	P	19 45 03.5	+1.5
R11A	comp-Z,3um,18.0s						
R11A	Troy Canyon, C	93.36	44	eP	P	19 45 03.3	+0.9
R11A	comp-Z,16nm,1.3s						
R11A	Troy Canyon, C	93.36	44	eP	P	19 45 03.4	+1.0
BGU	comp-Z,6.0nm,1.0s						
BGU	Big Grassy Mou	93.37	41	eP	P	19 45 04.5	+2.1
OSI	comp-Z,3um,18.0s						
OSI	Osito Audit: C	93.45	49	eP	P	19 45 03.5	+0.8
MPMC	comp-Z,3um,18.0s						
MPMC	Manual Propsec	93.46	47	eP	P	19 45 03.3	+0.8
SPUT	comp-Z,15nm,1.3s						
SPUT	South Promonto	93.47	41	eP	P	19 45 04.5	+1.7
BLG	comp-Z,15nm,1.3s						
BLG	Laguna Peak, P	93.50	50	eP	P	19 45 03.1	+0.2
FURC	comp-Z,3um,18.0s						
FURC	Furnace Creek,	93.64	47	eP	P	19 45 04.3	+0.9
SNCC	comp-Z,3um,18.0s						
SNCC	San Nicolas Is	93.66	51	eP	P	19 45 04.6	+0.9

TPNV	comp-Z,304						
TPNV	Topopah Spring	93.76	46	eP	P	19 45 05.0	+0.8
TPNV	comp-Z,32nm,1.3s						
TPNV	Topopah Spring	93.76	46	eP	P	19 45 05.6	+1.3
EDW2	comp-Z,32nm,1.3s						
EDW2	Edwards Air Fo	93.79	48	eP	P	19 45 05.7	+1.4
HWUT	comp-Z,37nm,1.3s						
HWUT	Hardware Ranch	93.80	40	eP	P	19 45 06.1	+1.7
MFF	comp-Z,23nm,1.2s						
MFF	Saint Martin d	93.84	327	eP	P	19 45 03.0	-1.2
CAF	comp-Z,23nm,1.2s						
CAF	Calviac	93.85	324	eP	P	19 45 03.5	-0.9
DUG	comp-Z,13nm,1.1s						
DUG	Dugway, Tooele	93.95	42	eP	P	19 45 06.3	+1.3
BW06	comp-Z,3um,18.0s						
BW06	Boulder Array	94.20	38	eP	P	19 45 06.6	+0.3
BW06	comp-Z,8.7nm,1.0s						
BW06	Boulder Array	94.20	38	eP	P	19 45 07.0	+0.8
PD31	comp-Z,4.4nm,0.9s						
PD31	Pinedale Array	94.20	38	eP	P	19 45 07.0	+0.7
PDAR	comp-Z,4.4nm,0.9s						
PDAR	Pinedale Array	94.20	38	eP	P	19 45 06.1	-0.2
PCUT	comp-Z,4.4nm,0.9s						
PCUT	Pinedale Array	94.20	38	eP	P	19 45 06.6	+0.3
TDAR	comp-Z,4.4nm,0.9s						
TDAR	Toone Canyon	94.20	40	eP	P	19 45 08.1	+1.7
CIS	comp-Z,20nm,1.1s						
CIS	Catalina Islan	94.34	50	eP	P	19 45 07.1	+0.7
GSC	comp-Z,30nm,1.0s						
GSC	Goldstone, Bar	94.35	48	eP	P	19 45 07.9	+1.0
GSC	comp-Z,30nm,1.0s						
GSC	Goldstone, Bar	94.35	48	eP	P	19 45 07.7	+0.8
SHOC	comp-Z,30nm,1.0s						
SHOC	Shoshone, Tec	94.35	47	eP	P	19 45 07.8	+1.0
BFSF	comp-Z,3um,18.0s						
BFSF	Mount Baldy Ra	94.39	49	eP	P	19 45 07.8	+0.6
LFCC	comp-Z,3um,18.0s						
LFCC	La Freestone	94.53	325	eP	P	19 45 07.6	+0.2
NLU	comp-Z,10.0nm,1.0s						
NLU	North Lily Min	94.54	42	eP	P	19 45 09.2	+1.3
SHPR	comp-Z,12nm,1.4s						
SHPR	Sheep Range	94.72	46	eP	P	19 45 10.3	+1.6
MPU	comp-Z,20nm,1.3s						
MPU	Maple Canyon	94.77	41	eP	P	19 45 10.	

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like Tamagusuku 2, Kume jima 2, Aguni-jima, Nagotoyohara, Kunigami, etc.

Table with columns: AS01, Alice Springs, 49.30 172 eP, P, 20 05 41.7 +0.1, etc. Includes stations like Borovoye Array, Malin Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like Kawauchi, Iwakimizuishiy, Otama, etc.

IDC 27 20:05:33.5+4.9, 7.86N-34.36W, h0km, mb3.5/3, mb1 3.8/3, mb1mx3.4/6, mb3mk3.5/3, Error ellipse: s-maj=213.5km s-min=34.30km az=9.0, Central

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like ASCENSION HYDR25, ASCENSION HYDR25-2, etc.

IDC 27 20:09:20.2+0.9, 25.51N-127.06E, h0km, mb3.7/8, mb1 3.8/9, mb1mx3.5/76, mbtmpt3.7/9, ML3.8/1, Error ellipse: s-maj=37.8km s-min=17.9km az=69.0

JMA 27 20:09:24.8+0.2, 25.50N-127.23E, h28km, mb4.6/1, NEIC 27 20:09:24.4+0.5, 25.51N-127.05E, h28km, mb4.6/1, Error ellipse: s-maj=18.1km s-min=7.2km az=62.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like Tamagusuku 2, Kume jima 2, Aguni-jima, Nagotoyohara, etc.

NIED 27 20:11:00.25+50N-127.30E, h17km, Mw4.4, Best double couple: M5.21000-1015, NP1.9228 00000, R32 00000, lambda=86.00000, NP2.943 00000, R58 00000, lambda=92.00000

IDC 27 20:11:15.3+0.8, 25.55N-127.17E, h0km, mb4.5/30, mb1 4.6/31, mb1mx3.4/75, mbtmpt4.5/31, ML4.3/1, M53.8/7, Ms1 3.8/7, ms1mx3.3/62, Error ellipse: s-maj=20.1km s-min=14.0km az=146.0

ISC/JB 27 20:11:18.7+0.3, 25.50N-127.21E, h0.4, h33km, mb4.6/75, Error ellipse: s-maj=7.6km s-min=3.4km az=137.5

JMA 27 20:11:19.7+0.2, 25.50N-127.25E, h48km, Mw4.7, NEIC 27 20:11:20.9+0.6, 25.50N-127.13E, h39km, mb4.8/34, Error ellipse: s-maj=3.0km s-min=4.4km az=146.0

MOS 27 20:11:22.0+0.9, 25.79N-127.06E, h49km, mb4.9/50, Error ellipse: s-maj=10.3km s-min=5.5km az=107.7

ISC 27 20:11:18.0+1.2, 25.42N-127.22E, h0.05, h19km, Mw4.4, n206, t1905/217, mb4.7/75, 6C, Ryuku Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like Tamagusuku 2, Kume jima 2, Aguni-jima, Nagotoyohara, etc.

IDC 27 20:00:34.7+4.4, 31.96N-140.30E, h0km, mb3.3/3, mb1 3.6/3, mb1mx3.1/69, mbtmpt3.3/3, Error ellipse: s-maj=413.7km s-min=28.1km az=109.0

JMA 27 20:00:14.2, 37.22N-140.92E, h7km, Mw2.5, Eastern Honshu

27d 20h

Table with columns for station name, frequency, power, and other technical details. Includes stations like MAJO Matsushiro, MJAR Matsushiro, MJAR Matsushiro Arr, etc.

2015 FEB

Table with columns for station name, frequency, power, and other technical details. Includes stations like AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, etc.

1550

Table with columns for station name, frequency, power, and other technical details. Includes stations like KECS Kecoivo, KECS Kecoivo, KECS Kecoivo, etc.

ISCJB 27 20:12:10.0, 1.0, 20:31S, 0.02, 178:74W, 0.03, h587km, mb4.9/248, Error ellipse: s-maj=3.6km s-min=2.6km az=35.3

Table with columns for Code, Station Name, Az, Phase ID, h, m, s, Res, Time. Includes stations like RIZ Raoul Island, RIZ Raoul Island, RIZ Raoul Island, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like LTZ Lake Taylor, OXZ Oxford, RPZ Rata Peaks, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like MJAR Matsushiro Arr, MAJO Matsushiro, MAJO Matsushiro, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like HUMO Hull Mountain, VCNR Virginia City, YERR Yerington, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BAGO Egridir-ISP, BAGO Isparta, BAGO Isparta, etc.

IDC 27 21:01:03.9.0.7, 25:55N-127:17E, h0km, mb3.9/15, mb1 4.0/16, mb1mx3.8/76, mbtmp3.9/16, ML3.8/1, Error ellipse: s-maj=26.1km s-min=14.6km az=77.0

ISCJB 27 21:01:08.9.0.7, 25:51N-127:27E.0.05, h49km, 5km, mb3.8/15, Error ellipse: s-maj=10.7km s-min=4.7km az=138.8

JMA 27 21:01:08.6.0.2, 25:50N-127:26E, h39km, 4km, M3.4

ISC 27 21:01:09.8.1, 3.2552N-127:24E.0.06, h41km, 12km, n35, $\sigma_{\text{f}}=63/42, \text{mb3.8/15, Ryukyu Islands}$

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JJT2 Tamagusuku 2, JKT Kume jima 2, JKE Aguni-jima, etc.

NIED 27 21:04:00, 25:50N-127:20E, h14km, Mw3.8 Best double couple: M₀=93000⁰, 1014 NPI₀=52.0000⁰, δ_{20}=0.0000⁰, λ=90.0000⁰. NP2₀=231.0000⁰, δ_{70}=0.0000⁰, λ=90.0000⁰.

IDC 27 21:04:26.1.0.7, 25:55N-127:17E, h0km, mb3.9/19, mb1 4.0/20, mb1mx3.9/77, mbtmp3.9/20, ML3.8/1, MS3.3/2, Ms1 3.4/2, ms1mx2.7/59, Error ellipse: s-maj=23.3km s-min=15.5km az=69.0

ISCJB 27 21:04:31.0.7, 25:51N-127:22E.0.05, h50km, 4km, mb3.9/19, MS3.6/1, Error ellipse: s-maj=11.2km s-min=4.4km az=138.5

JMA 27 21:04:31.0.2, 25:50N-127:20E, h32km, 4km, M3.7

ISC 27 21:04:32.2.1, 3.2552N-127:19E.0.06, h42km, 11km, n43, $\sigma_{\text{f}}=75/50, \text{mb4.0/19, Ryukyu Islands}$

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JJT2 Tamagusuku 2, JKT Kume jima 2, JKE Aguni-jima, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GUN Gumba, PKI Pulchoki, PKI Pulchoki, etc.

IDC 27 21:27:12.1.3.0, 7:71N-94:58E, h166km, 32km, mb3.4/11, mb1 3.5/13, mb1mx3.2/65, mbtmp3.9/13, Error ellipse: s-maj=36.5km s-min=13.3km az=51.0

ISC 27 21:26:56.7.0.8, 7:7N-01:94.7E-0.2, h24km, n13, $\sigma_{\text{f}}=124/13, \text{mb4.0/11, Nicobar Islands region}$

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PSI Prapat, PALK Palkele, MKAR Makanchi Array, etc.

IDC 27 21:36:41.8.1.0, 25:55N-127:09E, h0km, mb3.5/7, mb1 3.7/8, mb1mx3.4/63, mbtmp3.6/8, ML3.6/1, Error ellipse: s-maj=39.3km s-min=18.4km az=70.0

ISCJB 27 21:36:46.8.0.7, 25:56N-127:06E.0.06, h55km, 7km, mb3.5/7, Error ellipse: s-maj=12.0km s-min=5.5km az=140.4

JMA 27 21:36:46.3.0.2, 25:49N-127:24E, h13km, M2.9

ISC 27 21:36:47.5.1.4, 25:56N-127:22E.0.06, h42km, 14km, n17, $\sigma_{\text{f}}=79/24, \text{mb3.5/7, Ryukyu Islands}$

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JJT2 Tamagusuku 2, JKT Kume jima 2, JKE Aguni-jima, etc.

IDC 27 21:59:50.2.2.0, 2:52S-15:91W, h0km, h13km, 6.1 4.0/7, mb1mx3.5/65, mbtmp3.9/7, ML3.6/2, MS3.0/3, Ms1 3.0/3, ms1mx2.7/48, Error ellipse: s-maj=54.8km s-min=28.0km az=85.0

ISC 27 21:59:52.1.7.0, 65S-02:15.3W, 0.3, h10km, n15, $\sigma_{\text{f}}=177/9, \text{mb4.0/6, North Atlantic}$

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H10N2 ASCENSION HYDR, H10N3 ASCENSION HYDR, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TORD Torodi Arr, TORD Torodi Arr, LBTB comp=Z,34nm,20.4s, etc.

IDC 27 22:01:21.8.2.5, 14:43N-90:55W, h0km, mb3.6/4, mb1 3.9/6, mb1mx3.6/55, mbtmp3.6/6, ML3.8/2, MS2.6/1, Ms1 2.6/1, ms1mx2.2/43, Error ellipse: s-maj=88.1km s-min=41.7km az=33.0

MEX 27 22:01:32.8.0.3, 13:97N-91:74W, h20km, MD3.6, Near coast of Guatemala

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PCIG Comitan, CGIG Pinon Flats O, TGIG Matias Romero, etc.

IDC 27 22:07:05.0.1.2, 25:56N-127:14E, h0km, mb3.7/5, mb1 3.8/6, mb1mx3.4/64, mbtmp3.7/6, ML3.2/1, MS3.3/3, Ms1 3.4/3, ms1mx2.6/60, Error ellipse: s-maj=39.1km s-min=24.7km az=69.0

JMA 27 22:07:09.5.0.3, 25:47N-127:18E, h29km, M3.0

ISC 27 22:07:31.2.0.2, 25:52N-127:24E.0.07, h27km, 14km, n16, $\sigma_{\text{f}}=109/19, \text{mb3.6/5, Ryukyu Islands}$

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JJT2 Tamagusuku 2, JKT Kume jima 2, JKE Aguni-jima, etc.

NIED 27 22:11:00, 47:00N-153:10E, h32km, Mw4.0 Best double couple: M₀=105000⁰, 1015 NPI₀=216.0000⁰, δ_{73}=0.0000⁰, λ=177.0000⁰. NP2₀=125.0000⁰, δ_{87}=0.0000⁰, λ=177.0000⁰.

ISCJB 27 22:11:17.7.0.5, 46:73N-103:04E, h58km, 5km, mb4.4/2, MS3.9/24, MS3.5/5, Error ellipse: s-maj=12.5km s-min=5.1km az=143.9

SKHL 27 22:11:18.9.0.9, 46:25N-103:04E, h58km, 5km, mb4.4/2, MOS 27 22:11:19.1.9.1.2, 46:75N-152:38E, h50km, mb4.0/10, Error ellipse: s-maj=12.0km s-min=8.2km az=73.9

IDC 27 22:11:19.0.0.8, 46:84N-152:85E, h29km, 4km, mb3.7/21, mb1 3.9/23, mb1mx3.8/66, mbtmp3.9/23, ML2.3/2, MS3.0/7, Ms1 3.0/7, ms1mx2.7/59, Error ellipse: s-maj=17.3km s-min=12.3km az=155.0

ISC 27 22:11:19.3.0.6, 46:72N-152:09E, h103km, n80, $\sigma_{\text{f}}=1848/73, \text{mb3.8/24, MS3.5/5, IC, Kuril Islands}$

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KUR Kuril'sk, KUR Kuril'sk, KUR Kuril'sk, etc.

28d Oh

Table of astronomical observations for 28 days, including station names, station names, and various parameters like time, phase, and ID.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, h m s, ISC.

2012 FEB

Table of astronomical observations for 2012 FEB, including station names, station names, and various parameters like time, phase, and ID.

DJA 27 22:53:11.8:0.4,4'S:4.10'1E, h10km, M3.7/10, MLV3.7/10, Southern Sumatra

Table of astronomical observations for 2012 FEB, including station names, station names, and various parameters like time, phase, and ID.

ISC 27 23:19:52.6:38.67'N:43.20'E, h13km, ML2.2/4

Table of astronomical observations for 2012 FEB, including station names, station names, and various parameters like time, phase, and ID.

ISC 27 23:23:10.0:0.0,0.29:52'S:71.14'W, h46km, ML3.8

Table of astronomical observations for 2012 FEB, including station names, station names, and various parameters like time, phase, and ID.

ISC 27 23:23:10.1:1.2,29.53'S:0.04:71.3'W:0.1, h68km, g8km, n24, i173/32, Near coast of central Chile

Table of astronomical observations for 2012 FEB, including station names, station names, and various parameters like time, phase, and ID.

ISC 27 23:29:50.2:0.6,8.32'S:0.07:118.82'E:0.07, h200km, mb3.4/3, Error ellipse: s-maj=10.9km s-min=9.2km

Table of astronomical observations for 2012 FEB, including station names, station names, and various parameters like time, phase, and ID.

1556

Table of astronomical observations for 1556, including station names, station names, and various parameters like time, phase, and ID.

ISC 27 23:51:20.6:1.2,2.98'S:127.66'E, h0km, mb3.8/3, mb1.4/1.5, mb1mx3.6/5.4, mbtmp3.9/5, ML3.9/2, MS2.9/1, Ms1.2/9.1, ms1mx2.3/4.9, Error ellipse: s-maj=42.8km s-min=23.2km az=67.0

ISC 27 23:51:24.8:0.5,2.86'S:0.04:127.79'E:0.03, h53km, g9km, mb3.8/3, Error ellipse: s-maj=7.0km s-min=5.4km az=12.8

DJA 27 23:51:25.2:0.5,2.53'S:127.6E, h46km, 15km, M4.3/10, mb5.0/1, MLV4.0/10

ISC 27 23:51:25.8:1.2,2.88'S:0.05:127.77'E:0.04, h39km, g8km, n16, c088/21, mb3.7/3, Ceram Sea

Table of astronomical observations for 1556, including station names, station names, and various parameters like time, phase, and ID.

MEX 27 23:56:17.2:0.3,13.98'N:91.69'W, h20km, MD3.7, Near coast of Guatemala

Table of astronomical observations for 1556, including station names, station names, and various parameters like time, phase, and ID.

ISC 27 23:57:00.7:14.0,16.61'S:179.11'W, h436km, 168km, mb3.1/6, mb1.3/5.6, mb1mx3.2/4.0, mbtmp3.8/6, Error ellipse: s-maj=121.2km s-min=42.8km az=161.0, Fiji Islands region

Table of astronomical observations for 1556, including station names, station names, and various parameters like time, phase, and ID.

MAN 28 00:16:14,10.16'N:123.14'E, h21km, mb3.6, ML2.3, MS1.7, 2C, Cebu

Table of astronomical observations for 1556, including station names, station names, and various parameters like time, phase, and ID.

ISC 28 00:19:43.1±1.1,24.05'S:0.07:66.7W:0.1, h195km, mb3.3/1, Error ellipse: s-maj=16.4km s-min=9.4km az=177.3

ISC 28 00:19:43.6:2.5,23.97'S:66.73'W, h190km, 22km, mb3.2/1, mb1.3/3.5, mb1mx3.1/4.4, mbtmp3.7/5, Error ellipse: s-maj=29.6km s-min=21.5km az=78.0

ISC 28 00:19:43.5:1.1,23.98'S:0.09:66.7W:0.1, h195km, n7, c1909/9, Jujuy Province

Table of astronomical observations for 1556, including station names, station names, and various parameters like time, phase, and ID.

Table of astronomical observations for 1556, including station names, station names, and various parameters like time, phase, and ID.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include MIYV Miyakonagasawa, JMK Ichinoseki, JOM Ohasama, etc.

IDC 28 00:21:20.9,4.4,5.46S:141.50E,h0km,mb3.5/1, mb1 3.5/4,mb1mx3.3/44,mbtmp3.4/4,ML3.4/3,Error ellipse: s-maj=130.2km s-min=33.3km az=98.0,New Guinea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, MKRAC Makanchi Array.

ISCJB 28 00:25:20.5,1.4,1.76S:0.1:168.8E:0.2,h250km,mb3.7/5, Error ellipse: s-maj=29.3km s-min=13.0km az=18.8

IDC 28 00:25:22.7,2.2,1.79S:0.3:168.92E,h269km,37km,mb3.4/5, mb1 3.6/6,mb1mx3.3/41,mbtmp4.0/6,Error ellipse: s-maj=79.7km s-min=18.9km az=140.0

ISC 28 00:25:21.5,1.5,1.77S:0.1:168.8E:0.2,h250km,n7, r1500.9,mb3.6/5,Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include DZM Mont Dzumac, WRA Warramunga Arr, ASAR Alice Springs, MKRAC Makanchi Array.

IDC 28 00:32:13.8,1.3,4.33S:6N:105.06W,h0km,mb1 3.3/3, mb1mx3.1/64,mbtmp3.0/3,ML2.3/2,Error ellipse: s-maj=23.2km s-min=10.5km az=163.0

ISCJB 28 00:32:14.3,0.8,4.33S:5N:105.04W:0.06,h0km,Error ellipse: s-maj=8.6km s-min=4.6km az=136.6

NEIC 28 00:32:16.0,0.7,4.33S:6N:105.24W,h0km,MN2.5, Error ellipse: s-maj=11.1km s-min=7.4km az=138.0, Suspected Mining explosion.

NEIC 72 km (44 miles) SSE of Gillette, ISC 28 00:32:13.6,0.8,4.33S:6N:104.87W:0.04,h0km,n18, r21630.0, Wyoming

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include RSSD Black Hills, K2ZA Casper, OGNE Ogallala, LAO LASA Array, BW06 Boulder Array, PDAR Pinedale Array, PDAR Stephens Creek, PDAR Red Lodge, RLMT Idaho Springs, ISCO Idaho Springs, LKWH Lake White River Ci, H17A Grant Village, AHID Auburn Hatcher, DGMT Dagmar, BOZ Bozeman (W), HWUT Hardware Ranch, EGMT Eagleton, ULM Lac du Bonnet, TXAR Lajitas Array.

ISCJB 28 00:49:30.8,0.5,37.27N:0.03:28.39E:0.03,h3km,6km, Error ellipse: s-maj=4.9km s-min=4.0km az=14.7

CSEM 28 00:49:30.9,0.2,37.28N:28.40E,h2km,ML3.1/1, Error ellipse: s-maj=3.2km s-min=3.1km az=156.0

DDA 28 00:49:30.5,37.28N:28.41E,h7km,ML3.0, Error ellipse: s-maj=3.2km s-min=3.1km az=156.0

ISC 28 00:49:30.7,1.1,37.29N:0.02:28.38E:0.02,h4km,10km, n41,r0576/64,Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include YER Yerkesi, YER Yerkesi, TUR Turunc, TUR Turunc, TUR Turunc, DENIZLI Tavas, TAVA DENIZLI Tavas, AYDN Tasoluk, AYDN Tasoluk, MRSB Marmaris-Mugla.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include MRSB Marmaris-Mugla, BDRM Kayabasi, BDRM Kayabasi, FETYE Fethiye, BODT Bodrum, GOLH Golhisar, GOLH Golhisar, KULA Kula-Manisa, ELL Elmali, KHAL Karahalli, BRDR BURDUR-Merkez, AKAS Kas, AKAS Kas, KORT Korkuelli, KORT Korkuelli, ISP Isparta, SIMA Simav-Kutayha, SIMA Simav-Kutayha, KARP Karpatos, KARP Karpatos, SHUT Suhut-Afyon, SHUT Suhut-Afyon.

MEX 28 01:07:34.9,0.6,17.17N:100.94W,h17km,501km,MD3.5, Guerrero

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include CAIG El Cayaco, ZIIG Zihuatajejo, AC2P Acapulco, AC2P Acapulco, ARIG Puento Sto Nin, MEIG Mezcala, PLIG Platanillo, PLIG Platanillo.

IDC 28 01:18:37.1,2.0,2.14N:125.58E,h0km,mb3.4/3, mb1 3.7/3,mb1mx3.3/39,mbtmp3.5/3,Error ellipse: s-maj=186.5km s-min=26.1km az=65.0,Talauad Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include WRA Warramunga Arr, ASAR Alice Springs, MKRAC Makanchi Array.

IDC 28 01:21:57.1,2.7,2.46S:179.78E,h472km,28km,mb3.2/6, mb1 3.5/8,mb1mx3.3/39,mbtmp4.2/8,Error ellipse: s-maj=22.0km s-min=18.4km az=130.0

ISCJB 28 01:21:59.1,0.6,2.47S:179.8E:0.1,h517km, mb3.6/6,Error ellipse: s-maj=15.4km s-min=8.3km az=28.7

ISC 28 01:21:59.6,0.6,2.46S:179.78E:0.1,h517km,n19, r17124.0,mb3.6/6,South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include DZM Mont Dzumac, AFI Afiamalu, AFI Afiamalu, URZ Urewera, URZ Urewera, STKA Stephens Creek, ASAR Alice Springs, ASAR Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr, WND Vanda, SNA Sanae, ILAR Ilorin, KURBB Kurchatov Arr, BVAR Borovoye Array, ARCS ARCESS Array B, NOA NORsAR Array B, HFS Hagfors, AKASE Malin Array B, MMAI Mont Meron Arr, BRTR Keskin Array B, BRTR Keskin Array B, EKA Eskdalemuir Arr, TORD Torodi Ar, Beas, AKASE Malin Array B.

IDC 28 01:25:48.6,1.2,62.88N:150.11W,h89km,13km,mb3.8/15, mb1 3.8/18,mb1mx3.5/77,mbtmp4.1/18,Error ellipse: s-maj=22.1km s-min=9.6km az=117.0

ISCJB 28 01:25:49.0,2.62,99N:150.02:150.26W:0.05, h106km,2km,mb4.0/15,Error ellipse: s-maj=3.9km s-min=3.3km az=7.1

NEIC 28 01:25:50.7,0.0,62.99N:150.31W,h95km,ML3.8(AEIC), After AEIC.

ISC 28 01:25:50.0,0.7,62.92N:150.03:150.28W:0.03,h97km,6km, n97,r11020/107,mb4.0/15,Central Alaska

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include TRF Thorofare Hill, TRF Thorofare Hill, KTH Kantishna Hill, KTH Kantishna Hill, RND Reindeer, RND Reindeer.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include PPLA Keyperpile, CAST Castle Rocks, MCK McKinley, BPWP Bear Paw Mtn, DHY Denali Highway, SML Sawmill, PMR Palmer, SUS Susitna One, STLK Stryker Peak Br, KNK Knik Glacier, SCM Sheep Creek Mo, FIB Fire Island, RW01 Rabbit Creek A, SCPC Spruce Knob Br, SWUR Surr West, CCK Chachakamna La, CCB Clear Creek Bu, HDA Harding Lake, MLV Manley, PS10 TAPS Pump St10, PAX Paxson, COLA College, MDM Murphy Dome, PS08 TAPS Pump Stn8, ILAR Eielson Array, ILAR Eielson Array, ILB Eielson Array, PS11 Spruce Knob St11, GLM Gilmore Dome, HARP HAARP, SLKM Skilak Lake, KLU Klutina, GLI Glacier Island, JPK Jack Peak, VLZ Valdez, TTO1 Tetadina, RDJH Redoubt Jeurge, RDWV Redoubt West, DIV Divide, RED Redoubt Volcan, SEW Seaward, PS06 TAPS Pump Stn6, MENT Menstata, SWV2 Sverrevoen, ILW Iliamna West, BRLK Bradley Lake, EYAK Cordova Ski Ar, ILS Iliamna Low Sr, BMRM Bremner River, IMAI Imaitai, CNPM China Post, BC03 Beaver Creek A, PS05 TAPS Pump Stn5, NICH Nichawak Mount, KHCA Khitro Hills, FYHT Fyhtuk, SUCK Suckling Hills, GRIN Grindle Hills, COLD Coldfoot, CDD Cape Douglas, ISLE Juniper Island, KULT Kultiteh River, MESA MESA, DAWY Dawson, KEAV Rock Avalanche, BMT3 Bismut Mountain, MUKL Munkelaz, KDAD Kodiak Island, KDAD Kodiak Island, SAMH Samovar Hills, ANCK Angle Creek, KJUI Kejuik, YUKS Granite Creek, INK Inuvik, INK Inuvik, GAMB Gambell, YKA Yellowknife Arr, RES Resolute, SEY Seymchan, SPITS Spitsbergen Arr, ARCS ARCESS Array B, TKL Tuckaleeches C, KSRS Korea Array, KSAR Wonju Array B, SONM Sonno Array, ZALV Zalesovo Beam, FINES FINESS Array B, BVAR Borovoye Array, KURK Kurchatov, KURBB Kurchatov Arr, MKRAC Makanchi Array, AKTO Aktyubinsk, AKASE Malin Array B, GEYT Yelisek.

MAN 28 01:28:23.10:18N:123.24E,h1km,mb4.4,ML3.2,MS3.0, 1C-2D,Cebu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include LLP Lapu-Lapu, TBP Tagbiliran, GUM Jordan, GUM Jordan, SNPH Sibulan, RCP Roxas, RCP Roxas, MSLP Maasin, OCLP Orlmoc, PAGZ Pagadian.

ISCJB 28 01:39:14.7,0.6,19.07S:0.09:169.52E:0.09,h246km, mb3.7/8,Error ellipse: s-maj=13.0km s-min=10.1km az=142.0

IDC 28 01:39:17.1,1.6,19.16S:169.45E,h253km,15km, mb1 3.7/9,mb1mx3.5/44,mbtmp4.3/9,Error ellipse: s-maj=23.2km s-min=13.4km az=150.0

ISC 28 01:39:16.2,0.7,19.15S:0.1:169.49E:0.10,h246km,n15, r0594/16,mb3.8/8,Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include DZM Mont Dzumac, DZM Mont Dzumac.

28d 2h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HNR Honiara, RAO Raoul Island, STKA Stephens Creek, etc.

CSEM 28 01:43:54.6:0.4, 37.21N:43.89E, h2km, ML2.9, Error ellipse: s-maj=12.5km s-min=6.8km az=138.0

DDA 28 01:43:54.4, 37.25N:43.88E, h6km, ML2.9

ISN 28 01:43:54.0:0.3, 37.16N:43.72E, h0km, ML2.9

ISC 28 01:43:54.2:1.3, 37.21N:0.06:43.88E:0.04, h14km, g8km, n9, c0933/17, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CUKT Cukurca, YOVA Hakkari Y...kse, MSL Mosul, etc.

MOS 28 01:45:37.6:1.5, 51.66N:96.26E, h7km, mb4, 2/6, Error ellipse: s-maj=24.7km s-min=15.0km az=33.7

ISCJB 28 01:45:38.0:0.5, 51.64N:0.10:96.20E:0.07, h10km, mb3, 7/10, Error ellipse: s-maj=14.1km s-min=5.7km az=175.2

IDC 28 01:45:43.2:1.6, 51.62N:96.36E, h35km, 15km, mb3, 6/10, mb1 3.6/14, mb1mx3.4/75, mbtp3.7/14, ML3, 0/4, Error ellipse: s-maj=22.0km s-min=10.1km az=1.0

NNC 28 01:45:48.0:4.5, 52.00N:95.19E, h0km, mb4, 0, Error ellipse: s-maj=48.3km s-min=39.1km az=128.0

ISC 28 01:45:39.7:0.6, 51.55N:0.09:96.33E:0.05, h10km, n31, c182/30, mb3, 8/10, 5C-4D, Southwestern Siberia

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ORL Oriik, MOY Mondy, ARS Arshan, ZAK Zakamensk, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FINES FINESS Array B, NOA NORSTAR Subarra, etc.

DDA 28 02:03:49.5, 38.81N:43.60E, h7km, Md2.2, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TVAN ARCES Array B, CLDR Caldiran, etc.

CSEM 28 02:04:49.2, 42.44N:44.87E, h0km, ML2.3

TIF 28 02:04:49.2, 42.44N:44.87E, h17km, 1km, Western Caucasus

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GUDG Gudauri, DUS Dusheti, SEAG Tbilisi Sea, etc.

IDC 28 02:12:22.9:1.2, 7.40S:128.42E, h0km, mb3, 6/3, mb1 3.9/6, mb1mx3.4/46, mbtp3.7/6, ML4, 0/3, MS3.5/1, Ms1 3.5/1, ms1mx2.4/39, Error ellipse: s-maj=58.7km s-min=21.9km az=63.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, etc.

SJA 28 02:14:07.6:0.5, 36.23S:70.13W, h200km, 13km, ML3, 7, MW3, 7

ISCJB 28 02:14:09.0:0.4, 36.05S:0.04:70.4W:0.1, h176km, 7km, mb3, 7/6, Error ellipse: s-maj=14.4km s-min=4.6km az=22.3

IDC 28 02:14:10.5:2.4, 36.03S:69.96W, h154km, 27km, mb3, 5/6, mb1 3.4/9, mb1mx3.5/min=16.9km az=95.0

GUC 28 02:14:11.0:0.5, 36.03W:69.96W, h196km, 5km, ML3, 7

ISC 28 02:14:11.0:0.3, 35.98S:0.05:70.44W:0.09, h179km, 9km, n29, c182/40, mb3, 7/6, 4C-2D, Chile-Argentina border region

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NICh Nos Niches, COCH Cobquecura, CHPI Pichilemu, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SIV San Ignacio, SNAA Sanae, DBIC Dimbokro, etc.

ISCJB 28 02:17:48.6:0.6, 7.36S:0.07:123.41E:0.07, h550km, mb3, 3/2, Error ellipse: s-maj=9.9km s-min=8.8km az=163.4

IDC 28 02:17:50.7:1.8, 7.70S:123.22E, h672km, 26km, mb2, 7/2, mb1 3.1/6, mb1mx2.6/49, mbtpm3.9/6, Error ellipse: s-maj=106.8km s-min=19.6km az=59.0

DJA 28 02:17:52.4:0.8, 7.56:1.92E, h502km, 8km, M3, 8/8, mb4, 8/1, mb3, 7/2, ML3, 3/2, MWR(m)4, 0/1

ISC 28 02:17:48.7:1.0, 7.42S:0.10:123.45E:0.10, h550km, n14, c182/22, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MMRI Maumere, EDFI Ende, SOEI Soe, etc.

FITZ 0.2nm, 0.3s, baz=90, slow=20, SNR=3.3

WRA Warramunga Arr 16.32 141 P

ASAR Alice Springs 19.02 149 P

STKA Stephens Creek 29.64 148 P

MKAR Makanchi Array 65.18 330 P

ISK 28 02:20:46.8, 39.65N:27.79E, h6km, ML2, 8/8

DDA 28 02:20:46.5, 39.69N:27.77E, h7km, ML2, 3

ISCJB 28 02:20:47.0:0.4, 39.66N:0.02:27.80E:0.04, h7km, 3km, Error ellipse: s-maj=5.4km s-min=3.6km az=154.8

CSEM 28 02:20:47.1:0.1, 39.66N:27.80E, h5km, ML2, 8, Error ellipse: s-maj=3.8km s-min=2.4km az=65.0

ISC 28 02:20:46.2:0.8, 39.65N:0.02:27.78E:0.02, h9km, 5km, n45, c062/60, Turkey

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BALB Balikesir, BALLY Balya, BALIKESIR_Sava, etc.

MAN 28 02:26:08, 10.04N:123.22E, h3km, mb3, 8, ML2.5, MS2.0, IC-1D, Cebu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SNPH Sibulan, SNPH Tagbilaran, GUMJ Jordan, etc.

IDC 28 02:43:54.6:1.1, 51.61N:96.18E, h0km, mb4, 3/1, mb1 3.3/4, mb1mx3.0/72, mbtpm3.3/4, ML2, 7/2, Error ellipse: s-maj=29.8km s-min=11.2km az=175.0

MOS 28 02:43:55.4:2.7, 51.77N:96.13E, h6km, mb4, 3/1, Error ellipse: s-maj=32.6km s-min=16.2km az=168.2

NNC 28 02:44:12.9:7.5, 51.86N:94.79E, h0km, mb3, 6, Error ellipse: s-maj=68.0km s-min=48.2km az=26.0

ISC 28 02:43:56.8:1.1, 51.88N:0.19:96.10E:0.08, h10km, n18, c182/14, 3C-5D, Southwestern Siberia

ARCES ARCES Array B 121.52 346 PKP PKPdf 03 22 03.1 +1.5
2.0nm, 0.8s, baz=35, slow=4.4, SNR=4.5
DAVOX Davos/Dischmat 144.29 335 PKP PKPdf 03 22 46.1 +1.1
2.9nm, 0.7s, baz=124, slow=3.6

INMG 28 03:21:58.9.1.9, 35:25N:6:13W, h55km, 14km, ML2.1,
Error ellipse: s-maj=5.3km s-min=3.3km az=59.0
IGIL 28 03:21:58.2.35.34N:6:16W, h20km, ML1.7
SFS 28 03:21:59.0.35.33N:6:15W, h60km, ML3.6
MDD 28 03:21:59.3.1.1, 35:30N:6:17W, h68km, 15km, mb3.4/7,
Error ellipse: s-maj=11.1km s-min=5.5km az=12.0,
PRXIMO

CSEM 28 03:22:00.2.0.3, 35:44N:6:17W, h60km, mb3.4, Error
ellipse: s-maj=6.6km s-min=3.1km az=12.0
ISC 28 03:21:57.8.1.9, 35:33N:0:09:6:16W, h2km, 12km,
n95, r1531/175, 1D, Strait of Gibraltar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like CEUTA, ESPERA, MIJAS, etc.

Main table with columns: EBER, Berja, Adamuz, EADA, etc. Lists stations and their parameters like SNR, time, and phase ID.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like DZET, SFK, AML, etc.

az=160.0
ISC 28 04:03:24.2.0.7, 37:14N:0:06:71:64E, h106km, mb0,
r176/48, mb3.6/5, 8C-5D, Afghanistan-Tajikistan border,
region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like GUMO, WRA, ASAR, etc.

ISCJB 28 04:03:22.7.0.4, 37:02N:0:04:71:57E, h106km,
mb3.6/5, Error ellipse: s-maj=6.7km s-min=4.0km
az=145.5
ISC 28 04:03:23.8.4.9, 37:03N:0:04:71:57E, h101km, 28km, mb3.4/5,
mb1 3/6/10, mb1mx3.1/71, mbtmp3.9/10, Error ellipse:
s-maj=62.2km s-min=19.5km az=168.0
NNC 28 04:03:26.5.5.5, 37:35N:71:44E, h126km, 63km, mb3.1,
mpv3.9, Error ellipse: s-maj=51.1km s-min=21.4km

28d 4h

Table with columns for station name, frequency, power, and signal quality. Includes stations like Chengdu, DAV Davao City (W), MOY MOY, QIZ Qiongzong, etc.

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Table with columns for station name, frequency, power, and signal quality. Includes stations like MAKZ Makanchi, KSM Kuching, PMG Port Moresby, SEM Semipalatinsk, etc.

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Table with columns for station name, frequency, power, and signal quality. Includes stations like PSI Prapat, PSI Prapat, MNAS Manas, SFI Sufi-Kurgan, etc.

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Resolution, Elevation Resolution, Azimuth Drift, Elevation Drift, Azimuth Bias, Elevation Bias, Azimuth Scatter, Elevation Scatter, Azimuth Trend, Elevation Trend, Azimuth Offset, Elevation Offset, Azimuth Scale, Elevation Scale, Azimuth Shift, Elevation Shift, Azimuth Gain, Elevation Gain, Azimuth Loss, Elevation Loss, Azimuth Phase, Elevation Phase, Azimuth Delay, Elevation Delay, Azimuth Spread, Elevation Spread, Azimuth Peak, Elevation Peak, Azimuth Valley, Elevation Valley, Azimuth Flat, Elevation Flat, Azimuth Slope, Elevation Slope, Azimuth Curvature, Elevation Curvature, Azimuth Torsion, Elevation Torsion, Azimuth Twisting, Elevation Twisting, Azimuth Winding, Elevation Winding, Azimuth Writhing, Elevation Writhing, Azimuth Curling, Elevation Curling, Azimuth Coiling, Elevation Coiling, Azimuth Spiraling, Elevation Spiraling, Azimuth Twisting, Elevation Twisting, Azimuth Writhing, Elevation Writhing, Azimuth Curling, Elevation Curling, Azimuth Coiling, Elevation Coiling, Azimuth Spiraling, Elevation Spiraling.

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Resolution, Elevation Resolution, Azimuth Drift, Elevation Drift, Azimuth Bias, Elevation Bias, Azimuth Scatter, Elevation Scatter, Azimuth Trend, Elevation Trend, Azimuth Offset, Elevation Offset, Azimuth Scale, Elevation Scale, Azimuth Shift, Elevation Shift, Azimuth Gain, Elevation Gain, Azimuth Loss, Elevation Loss, Azimuth Phase, Elevation Phase, Azimuth Delay, Elevation Delay, Azimuth Spread, Elevation Spread, Azimuth Peak, Elevation Peak, Azimuth Valley, Elevation Valley, Azimuth Flat, Elevation Flat, Azimuth Slope, Elevation Slope, Azimuth Curvature, Elevation Curvature, Azimuth Torsion, Elevation Torsion, Azimuth Twisting, Elevation Twisting, Azimuth Writhing, Elevation Writhing, Azimuth Curling, Elevation Curling, Azimuth Coiling, Elevation Coiling, Azimuth Spiraling, Elevation Spiraling.

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Resolution, Elevation Resolution, Azimuth Drift, Elevation Drift, Azimuth Bias, Elevation Bias, Azimuth Scatter, Elevation Scatter, Azimuth Trend, Elevation Trend, Azimuth Offset, Elevation Offset, Azimuth Scale, Elevation Scale, Azimuth Shift, Elevation Shift, Azimuth Gain, Elevation Gain, Azimuth Loss, Elevation Loss, Azimuth Phase, Elevation Phase, Azimuth Delay, Elevation Delay, Azimuth Spread, Elevation Spread, Azimuth Peak, Elevation Peak, Azimuth Valley, Elevation Valley, Azimuth Flat, Elevation Flat, Azimuth Slope, Elevation Slope, Azimuth Curvature, Elevation Curvature, Azimuth Torsion, Elevation Torsion, Azimuth Twisting, Elevation Twisting, Azimuth Writhing, Elevation Writhing, Azimuth Curling, Elevation Curling, Azimuth Coiling, Elevation Coiling, Azimuth Spiraling, Elevation Spiraling.

DDA 28 04:41:45.7, 38.82N, 43.54E, h7km, ML2.6
ISK 28 04:41:45.2, 38.76N, 43.51E, h14km, ML2.4/4
CSEM 28 04:41:45.6, 0.3, 38.78N, 43.55E, h10km, ML2.4, Error
ellipse: s-maj=9.0km s-min=6.2km az=113.0
ISCJB 28 04:41:46.1, 0.8, 38.76N, 0.04, 43.59E, 0.07, h25km, 7km,
Error ellipse: s-maj=9.3km s-min=6.2km az=26.9
ISC 28 04:41:45.4, 1.1, 38.78N, 0.04, 43.61E, 0.05, h25km, 9km,
n16, c051/26, Turkey
Code Station Name Az AzZ Phase ID Time Res
VANB Van 0.25 223 Op ISC h m s ISC
VANB Van 0.25 223 PG Pb 04 41 51.5 -0.3
TVAN Van 0.29 212 i P Sb 04 41 51.6 -0.9
TVAN Van 0.29 212 i S Pb 04 41 58.0 +0.7
TVAN Van 0.29 212 P Sb 04 41 51.6 -0.9
TVAN Van 0.44 34 S Pb 04 41 58.0 +0.7
CLDR Caldiran 0.44 34 S Pb 04 41 54.7 -0.0
CLDR Caldiran 0.44 34 i S Pb 04 42 03.5 -0.2
CLDR Caldiran 0.44 34 P Sb 04 41 54.7 0.0
CLDR Caldiran 0.63 223 i S Pb 04 42 03.5 -0.2
GEVA Gevas 0.63 223 P Pb 04 41 57.3 -0.6
ADCV BITLIS Adilcev 0.69 273 i P Sb 04 41 58.3 -0.3
ADCV BITLIS Adilcev 0.69 273 i S Pb 04 42 09.4 -0.4
ADCV BITLIS Adilcev 0.69 273 P Pb 04 41 58.6 -0.3
ADCV BITLIS Adilcev 0.69 273 S Pb 04 42 09.4 -0.4
AGRB Hanur-Agry 0.93 329 PG Ag 04 42 02.7 -0.4
AGRB Hanur-Agry 0.93 329 PG Pb 04 41 57.3 -0.6
GURO Guroymak-BITLI 1.25 260 PN Pn 04 42 15.8 +0.1
GURO Guroymak-BITLI 1.25 260 SN Pn 04 42 24.3 +0.7
GURO Guroymak-BITLI 1.25 260 eS Pn 04 42 27.7 +0.3
GURO Guroymak-BITLI 1.25 260 eS Pn 04 42 24.3 +0.7
CUKT Cukurca 1.53 180 PN Pn 04 42 12.9 -0.2
CUKT Cukurca 1.53 180 ePN Pb 04 42 12.9 -0.2

28d 5h

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Table with columns for station call letters, frequency, time, and other parameters. Includes stations like KSR5 Korea Array, KSRS, KS01 Wonju Array Si, etc.

Table with columns for station call letters, frequency, time, and other parameters. Includes stations like MA2 Magadan, XAN, XAN, XAN, etc.

Table with columns for station call letters, frequency, time, and other parameters. Includes stations like PHRA Phrae, FAKI Fak Fak, LAMP, WMQ, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like AKASG Malin Array Be, AKASG Malin Array Be, AKASG Malin Array Be, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like TPNV Topopah Spring, EDW2 Edwards Ar, HWUT Hardware Ranch, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like O20A White River Ci, UPC Upipe, PDMCI Farber Dam, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KLMR, KVCN, RYAN, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like GSC Goldstone, SHPR Sheep Range, BFSC Mount Baldy, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like NB2 NORSAR, S22A 4UR Ranch, E35A Pequot Lakes, etc.

MASI K37A	Maura Aman, Belmont	69.87 239	P	P	05 44 42.0 +4.1
MDSI N34A	Maura Dua Lincoln	69.89 237	P	P	05 44 37.1 -0.9
O33A	Hebron	69.91 52	P	P	05 44 37.2 -0.7
H40A	Chili	69.99 44	P	P	05 44 37.6 -0.6
J38A	Wedel Dairy, R	70.01 46	P	P	05 44 37.7 -0.7
LEM	Lembang	70.01 232	LR	LR	06 14 40.0
I39A	Houston	70.06 45	P	P	05 44 37.7 -1.0
SCHO	Schefferville	70.25 25	P	P	05 44 40.1 +0.4
SCHO	Schefferville	70.25 25	eP	eP	06 20 46.6
SCHO	Schefferville	70.25 25	eP	eP	05 44 40.2 +0.5
O34A	Beatrice	70.29 51	P	P	05 44 39.4 -0.8
L37A	Phoenix Point	70.30 48	P	P	05 44 39.4 -0.9
N35A	Tabor	70.32 50	P	P	05 44 39.3 -1.1
H41A	Junction City	70.33 44	P	P	05 44 39.5 -0.9
J39A	Decorah	70.36 46	P	P	05 44 39.4 -1.2
K38A	Parkersburg	70.38 47	P	P	05 44 39.9 -0.8
H40A	Norwalk	70.45 45	P	P	05 44 40.5 -0.6
F43A	Flat Rock, Esc	70.49 42	P	P	05 44 40.6 -0.7
NCK	Nalchik	70.52 315	eP	eP	05 44 39.6 -1.9
KVAR	Kislovodsk	70.58 315	P	P	05 44 42.0 0.0
KIV	Kislovodsk	70.59 315	eP	eP	05 44 40.6 -1.4
KIV	Kislovodsk	70.59 315	eP	eP	05 44 40.6 -1.4
KIV	Kislovodsk	70.59 315	eP	eP	05 44 40.6 -1.4
KIV	Kislovodsk	70.59 315	eP	eP	05 44 42.2 +0.2
I41A	Arkdale	70.66 44	P	P	05 44 42.0 -0.4
KBZ	Khabaz	70.66 315	P	P	05 44 42.8 +0.5
AKASG	Malin Array Be	70.67 327	P	P	05 44 40.9 -1.4
AKASG	Malin Array Si	70.67 327	eP	eP	05 44 53.4 0.0
AKBB	Malin Array Si	70.67 327	eP	eP	05 44 41.0 -1.3
AKBB	Malin Array Si	70.67 327	eP	eP	05 44 41.0 -1.3
L38A	Oak Wood Farm	70.67 47	P	P	05 44 41.6 -0.9
KIEV	Kiev	70.69 327	eP	eP	05 44 40.9 -1.5
KIEV	Kiev	70.69 327	eP	eP	05 44 40.6 -1.8
KIEV	Kiev	70.69 327	eP	eP	05 44 40.9 -1.5
KIEV	Kiev	70.69 327	eP	eP	05 44 40.9 -1.5
P34A	Walnut Farm, R	70.70 52	P	P	05 44 41.3 -1.4
AK11	Malin Array, R	70.71 327	eP	eP	05 44 41.1 -1.4
G43A	Wallace	70.72 42	P	P	05 44 41.6 -1.1
SCIA	State Center	70.73 48	P	P	05 44 42.2 -0.6
SCIA	State Center	70.73 48	eP	eP	05 44 42.6 -0.2
K39A	Oelwein	70.76 46	P	P	05 44 41.8 -1.2
J40A	Soldiers Grove	70.77 45	P	P	05 44 42.1 -1.0
ZEI	Tsey	70.92 314	eP	eP	05 44 41.7 -2.5
Q34A	Chapman	71.10 52	P	P	05 44 44.5 -0.7
M38A	Pleasantville	71.11 48	P	P	05 44 44.5 -0.6
N37A	Lee Faris, Mou	71.11 49	P	P	05 44 44.5 -0.7
NEY	Neytrino	71.11 315	eP	eP	05 44 44.0 -1.4
K40A	Colesburg	71.12 46	P	P	05 44 44.3 -0.9
P35A	Duane Minner	71.12 51	P	P	05 44 44.4 -0.9
J41A	Loganville	71.13 45	P	P	05 44 44.0 -1.2
KSU1	Kansas State U	71.14 52	P	P	05 44 44.1 -1.2
L39A	Vinton	71.15 47	P	P	05 44 44.2 -1.1
O36A	Bolkow	71.21 50	P	P	05 44 44.5 -1.2
POO	Poona	71.29 277	iP	iP	05 44 39.0 -7.6
TBLG	Delisi	71.32 313	eP	eP	05 44 46.6 +0.1
TBLG	Delisi	71.32 313	eP	eP	05 44 46.6 +0.1
JFWS	Jewell Farm	71.37 45	P	P	05 44 45.5 -1.2
R34A	Isabella, Hill	71.41 53	P	P	05 44 46.5 -0.6
DZM	Mont Dzacac	71.49 170	LR	LR	06 10 39.2
DZM	Mont Dzacac	71.49 170	eLR	eLR	06 06 25.6
WRAB	Tennant Creek	71.50 202	eP	eP	05 44 47.5 -0.1
WRAB	Tennant Creek	71.50 202	eP	eP	05 44 47.5 -0.1
WB2	Warramunga Arr	71.50 202	eP	eP	05 44 47.5 -0.1
WRA	Warramunga Arr	71.51 202	P	P	05 44 47.2 -0.5
WRA	Warramunga Arr	71.51 202	eP	eP	05 44 60.0 +1.2
WRA	Warramunga Arr	71.51 202	eP	eP	06 13 47.3
AMTX	Amarillo	71.55 58	P	P	05 44 48.1 +0.1
M39A	Webster	71.56 47	P	P	05 44 47.0 -0.9
N38A	Joess South For	71.57 49	P	P	05 44 47.2 -0.7
L40A	Anamosa	71.57 46	P	P	05 44 46.7 -1.2
F46A	Macinaw City C	71.57 40	P	P	05 44 46.9 -1.0
J42A	Columbus	71.58 44	P	P	05 44 47.1 -0.8
K41A	Shullsburg	71.58 46	P	P	05 44 47.1 -0.9
O37A	Wolven Farm, M	71.59 50	P	P	05 44 47.4 -0.7
MSTX	Muleshoe	71.60 59	P	P	05 44 47.7 -0.7
MSTX	Muleshoe	71.60 59	eP	eP	05 44 48.8 +0.4
Q35A	Mercer Eighty,	71.62 52	P	P	05 44 47.0 -1.3
MNTX	Cornudas Mount	71.76 63	P	P	05 44 48.7 -0.6
MNTX	Cornudas Mount	71.76 63	eP	eP	05 44 50.0 +0.7
J43A	Natural Harves	71.85 44	P	P	05 44 48.6 -1.0
N39A	Derby Farms, D	71.86 48	P	P	05 44 49.4 -0.3

K42A	Prairie Point,	71.90 45	P	P	05 44 48.5 -1.3
L41A	Preston	71.90 46	P	P	05 44 48.7 -1.2
P37A	Lathrop	71.93 50	P	P	05 45 49.1 -1.0
M40A	Post Highland	71.94 47	P	P	05 44 49.3 -0.9
R35A	Emporia Munici	71.94 52	P	P	05 44 49.2 -1.0
O38A	Galt	71.96 49	P	P	05 44 49.5 -0.8
AKH	Akhalkalaki	72.17 313	eP	eP	05 44 52.7 +0.9
AKH	Akhalkalaki	72.17 313	iP	iP	05 44 53.1 +1.4
AKH	Akhalkalaki	72.17 313	eP	eP	05 44 52.7 +0.9
GKP	Gorka Klasztor	72.20 336	eP	eP	05 44 51.9 +0.4
GKP	Gorka Klasztor	72.20 336	eP	eP	05 44 51.9 +0.4
FITZ	Fitzroy Cross	72.28 211	eP	eP	05 44 53.0 +0.8
FITZ	Fitzroy Cross	72.28 211	eP	eP	05 45 05.0 +1.7
R36A	Gordon, Haris	72.30 52	P	P	05 44 51.5 -0.8
N40A	Melutake, Sal	72.30 47	P	P	05 44 51.6 -0.7
P38A	Dawn	72.31 50	P	P	05 44 51.4 -0.9
O39A	Kirksville	72.32 48	P	P	05 44 51.7 -0.7
S35A	Otter Creek Ra	72.36 53	P	P	05 44 51.7 -0.7
T34A	McClaskey Farm	72.40 54	P	P	05 44 52.1 -0.9
M41A	Milan	72.42 47	P	P	05 44 51.9 -1.1
BEL	Belsk	72.46 333	eP	eP	05 44 53.6 +0.6
BEL	Belsk	72.46 333	eP	eP	05 44 53.6 +0.6
MMF	Melutake Cairn	72.50 348	eP	eP	05 44 52.9 +0.4
GNI	Garni	72.53 312	P	P	05 44 55.3 +1.4
GNI	Garni	72.53 312	eP	eP	06 23 25.3
GNI	Garni	72.53 312	eP	eP	05 44 52.7 -1.2
GNI	Garni	72.53 312	eP	eP	05 44 55.2 +1.4
GNI	Garni	72.53 312	eP	eP	05 44 56.2 +2.2
GNI	Garni	72.53 312	P	P	05 44 56.2 +2.2
GNI	Garni	72.53 312	iP	iP	05 44 55.3 +1.4
MDO	Dochford	72.55 349	eP	eP	05 44 53.4 -0.2
R37A	Teagarden Farm	72.65 51	P	P	05 44 53.9 -0.6
S36A	Lake Cedric, C	72.70 52	P	P	05 44 54.0 -0.8
M42A	Sheffield	72.73 46	P	P	05 44 53.8 -1.1
O40A	La Belle	72.75 48	P	P	05 44 54.1 -0.9
Q38A	Cooks Store, C	72.77 50	P	P	05 44 54.2 -1.0
P39B	Salisbury	72.80 49	P	P	05 44 54.4 -0.9
KPL	Plocton	72.81 350	eP	eP	05 44 54.4 -0.6
KPS	Shelby Bridge	72.91 350	eP	eP	05 44 55.7 +0.1
Q39A	Willow Grove F	73.03 50	P	P	05 44 55.9 -0.7
T36A	Boggs Farm, Ca	73.06 53	P	P	05 44 56.0 -0.8
S37A	Forcott	73.07 52	P	P	05 44 55.9 -1.1
ARTV	Artvin	73.09 314	eP	eP	05 44 56.6 -0.6
N42A	Yates City	73.09 47	P	P	05 44 56.0 -0.9
P40A	Paris	73.12 49	P	P	05 44 56.5 -0.7
M43A	Waltham Townsh	73.12 45	P	P	05 44 56.3 -0.9
SORM	Soroca	73.14 326	iP	iP	05 44 56.4 -0.7
LVV	L'vov	73.19 330	P	P	05 44 57.2 -0.3
R38A	Fenwick Farm,	73.22 51	P	P	05 44 56.4 -1.4
O41A	Passes Farm,	73.23 48	P	P	05 44 57.3 -0.6
WMOK	Wichita Mounta	73.25 56	P	P	05 44 57.5 -0.6
WMOK	Wichita Mounta	73.25 56	eS	eS	05 44 58.2 +0.1
WMOK	Wichita Mounta	73.25 56	eS	eS	05 54 21.5 -2.3
WMOK	Wichita Mounta	73.25 56	eS	eS	05 44 58.2 +0.1
WMOK	Wichita Mounta	73.25 56	eS	eS	05 54 21.5 -2.3
N43A	Stutzman Famil	73.41 46	P	P	05 44 57.9 -1.0
P41A	Barry, Barry	73.49 48	P	P	05 44 58.2 -1.2
T37A	Cheneyville 18	73.51 52	P	P	05 44 58.6 -0.9
Q40A	Laux Farm, Aux	73.52 49	P	P	05 44 58.9 -0.7
SIM	Simferopol'	73.54 321	eP	eP	05 45 01.1 +1.5
SIM	Simferopol'	73.54 321	eP	eP	05 45 01.1 +1.5
R39A	Chumby, Stover	73.56 50	P	P	05 44 58.7 -1.1
O42A	Bath	73.56 47	P	P	05 44 58.9 -0.8
M44A	Midewin, Midew	73.59 45	P	P	05 44 58.9 -1.0
S38A	Stockton	73.64 51	P	P	05 44 59.1 -1.2
HDIL	Hopedale	73.65 46	P	P	05 44 59.8 -0.5
HDIL	Hopedale	73.65 46	eP	eP	05 45 00.0 -0.3
EAB	Aberfoyle	73.77 349	eP	eP	05 45 00.3 -0.4
KWP	Kalwaria Pacla	73.79 331	eP	eP	05 45 01.0 0.0
KWP	Kalwaria Pacla	73.79 331	eP	eP	05 45 00.6 -0.4
KWP	Kalwaria Pacla	73.79 331	eP	eP	05 45 00.6 -0.4
OK02	N3560 Road, Pr	73.79 54	eP	eP	05 45 01.2 -0.1
ESY	Stoneypath	73.81 348	eP	eP	05 45 01.0 0.0
O43A	Sugar Creek Fa	73.86 46	P	P	05 45 00.5 -1.0
S39A	Bolivar	73.89 51	P	P	05 45 00.5 -1.3
T38A	Diamond	73.90 52	P	P	05 45 00.9 -1.0
P42A	Winchester	73.91 48	P	P	05 45 01.1 -0.7
M45A	Boilermakers S	73.95 44	P	P	05 45 00.6 -1.5
R40A	Maddies Statio	73.96 50	P	P	05 45 01.2 -1.0
Q41A	Truxton	73.96 49	P	P	05 45 01.7 -0.5
TUL1	Leonard	73.97 53	P	P	05 45 01.7 -0.6
TUL1	Leonard	73.97 53	eP	eP	05 45 02.4 +0.1
PGBU	Glenifferbraes	74.16 349	eP	eP	05 45 03.2 +0.3
PGBU	Glenifferbraes	74.16 349	eP	eP	05 45 04.2
OJC	Ojcow	74.18 333	eP	eP	05 45 03.0 -0.2
OJC	Ojcow	74.18 333	eP	eP	05 45 03.5 -0.4
OJC	Ojcow	74.18 333	eP	eP	05 45 03.5 +0.3
N45A	Kentland	74.26 33	eP	eP	05 45 03.5 -0.4
P43A	Skaggs, Pawnee	74.26 47	P	P	05 45 03.2 -0.6

LPIG	La Paz	74.32 71	LR	LR	06 10 01.1
Q42A	Golden Eagle	74.34 48	P	P	05 45 04.0 -0.3
ABTX	Abilene Hawle	74.36 58	P	P	05 45 04.3 -0.3
ABTX	Abilene Hawle	74.36 58	eP	eP	05 45 05.2 +0.6
O44A	Mansfield	74.36 46	P	P	05 45 03.6 -0.9
T39A	Cleaver	74.38 51	P	P	05 45 03.6 -1.0
S40A	Lebanon	74.38 50	P	P	05 45 03.8 -0.8
R41A	Rosebud	74.40 49	P	P	05 45 04.1 -0.6
STHS	Stebnicka Huta	74.44 331	eP	eP	05 45 05.7 +0.9
STHS	Stebnicka Huta	74.44 331	eP	eP	05 45 05.7 +0.9
EKA	Eszkalemuir Ar	74.50 348	P	P	06 17 43.8
ESK	Eszkalemuir	74.50 348	eP	eP	05 45 04.9 +0.1
ESK	Eszkalemuir	74.50 348	eP	eP	05 45 03.6 -1.2
TX31	Lajitas Array	74.50 63	eP	eP	05 45 05.8 +0.2
TXAR	Lajitas Array	74.50 63	eP	eP	05 45 05.8 +0.2
TXAR	Lajitas Array	74.50 63	eP	eP	06 14 40.0
PRAR	RASCAL	74.55 327	iP	iP	05 45 05.1 0.0
LEOM	Leova	74.57 326	iP	iP	05 45 06.1 +0.6
O45A	Potomac	74.63 45	P	P	05 45 04.7 -1.4
KSP	Kisaz	74.64 335	eP	eP	05 45 05.7 -0.2
KSP	Kisaz	74.64 335	eP	eP	05 45 05.7 -0.2
CCM	Cath				

28d 5h

Table with columns: ID, Name, Time, Date, Status, and other details. Includes entries like P45A Graceland, Par, LANS Liptovska Anna, MORC Moravsky Berou, etc.

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Table with columns: ID, Name, Time, Date, Status, and other details. Includes entries like WHAR Woolly Hollow, Q47A Bedord North L, V42A Cor, R46A Gibon Southern, etc.

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Table with columns: ID, Name, Time, Date, Status, and other details. Includes entries like WVT Waverly, WVT Wavy, HATD Hatta, Dubai, U47A Clarksville, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like Tazewell, Hartelle, Vicksburg, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like Saint Sauveur, Saint Sauveur, Aquila, etc.

JMA 28 05:35:36.40 ± 0.42, 282RN-145°48'E, h42km, 2km, M2.6, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like Nemuro, Akkeshi, Nakash, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like Makanchi Array, MAN 28 05:50:22, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like Afi Afiamalu, STKA Stephens Creek, WRA Warramunga Arr, etc.

IDC 28 06:16:44.2 ± 2.9, 18°60'S-177°10'W, h0km, mb3.6/3, mb1 3.9/3, mb1mx3.5/43, mbtmp3.6/3, Error ellipse: s-maj=308.6km s-min=35.4km az=160.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, TXAR Lajitas Array, etc.

INMG 28 06:26:26.2 ± 1.9, 32°05'N-6°90'W, h0km, ML2.8, Error ellipse: s-maj=8.6km s-min=4.9km az=153.0, CSEM 28 06:26:26.4 ± 0.3, 32°02'N-6°91'W, h10km, MD3.8, Error ellipse: s-maj=8.9km s-min=5.3km az=127.0, CNRM 28 06:26:27.7 ± 0.1, 32°02'N-6°72'W, h18km, MD3.8, SFS 28 06:26:30.0 ± 0.3, 32°31'N-6°93'W, h0km, ML4.2, MDD 28 06:26:30.1 ± 0.3, 32°32'N-6°96'W, h0km, mb4.2, PRX, Error ellipse: s-maj=28.4km s-min=26.3km az=94.0, 28°E, IGL 28 06:26:30.3, 32°31'N-6°93'W, h0km, ML2.3, ISC 28 06:26:24.9 ± 1.0, 32°07'N-0°05'6.93'W-0.05, h10km, n56, c284/106, Morocco

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like Tazercoute, Averroes, Chichaua, Rabat Centre, Agadir Fac de, Yousef Ben Ta, Mijas, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for KURBB, MKAR, and other stations.

ISCJB 28 07:54:09.0, 0.4, 2.1, 03S, 0.03, 69, 04W, 0.09, h117km, 4km, mb4.5/10, Error ellipse: s-maj=13.4km s-min=4.9km az=2.4

GUC 28 07:54:10.8, 0.8, 2.1, 02S, 69, 15W, h110km, 3km, ML4.2, NEIC 28 07:54:11.0, 0.0, 0.2, 2.1, 02S, 69, 10W, h108km, mb4.5/7, ML4.2(GUC), After GUC.

IDC 28 07:54:12.2, 2.8, 2.1, 06S, 68, 51W, h104km, 22km, mb3.8/3, mb1 3.77, mb1mx3.4/40, mbtmp4.0/7, Error ellipse: s-maj=4.1km s-min=2.3km az=95.0, Error ellipse: s-maj=4.1km s-min=2.3km az=95.0

ISC 28 07:54:10.3, 0.6, 2.1, 07S, 0104, 68, 89W, 0.06, h109km, 5km, n44, c=211/62, mb4.2, 12, 9C-2D, Chile-Bolivia border region

Main table for station 1577, listing codes, station names, azimuths, phase IDs, times, and residuals. Includes stations like IPOC, PSAG, MINYE, LA PAZ, etc.

MAN 28 08:06:01, 9.82N, 123.10E, h32km, mb3.6, ML2.3, MS1.8, ID, Negros

Table for station 1577, listing codes, station names, azimuths, phase IDs, times, and residuals. Includes stations like SNPH, TBP, GUIM, etc.

ISCJB 28 08:07:09.1, 0.4, 5.2, 40S, 0.06, 12, 5E, 0.12, h10km, mb4.5/15, MS3.6/18, Error ellipse: s-maj=17.4km s-min=9.2km az=178.3

IDC 28 08:07:09.5, 0.7, 5.2, 34S, 12, 76E, h0km, mb4.3/11, mb1 4.4/11, mb1mx4.2/43, mbtmp4.3/11, MS3.6/18, Ms1 3.6/18, ms1mx3.4/39, Error ellipse: s-maj=24.7km s-min=18.8km az=88.0

NEIC 28 08:07:11.2, 0.3, 5.2, 39S, 12, 85E, h10km, mb4.6/10, Error ellipse: s-maj=15.2km s-min=9.4km az=77.0

ISC 28 08:07:11.1, 0.5, 5.2, 41S, 0.09, 12, 8E, 0.1, h10km, n66, c=890/45, mb4.4/15, MS3.7/18, 1C, South-west of Africa

Table for station 1577, listing codes, station names, azimuths, phase IDs, times, and residuals. Includes stations like SNAA, etc.

Main table for station 1577, listing codes, station names, azimuths, phase IDs, times, and residuals. Includes stations like SNAA, VNAZ, SUR, SYO, etc.

MAN 28 08:14:58, 13.65N, 120.74E, h20km, mb3.7, ML2.4, MS1.9, Mindoro

Table for station 1577, listing codes, station names, azimuths, phase IDs, times, and residuals. Includes stations like PGP, LUBP, LGUP, etc.

JMA 28 08:18:47.6, 0.5, 25.53N, 127.26E, h25km, M3.1, IDC 28 08:18:59.4, 4.4, 26.42N, 127.06E, h95km, 44km, mb3.3/4, mb1 3.5/5, mb1mx3.1/67, mbtmp3.7/5, MS2.8/1, Ms1 2.8/1, ms1mx2.3/27, Error ellipse: s-maj=41.9km s-min=21.1km az=75.0

ISC 28 08:18:47.6, 0.2, 25.53N, 0.2, 127.26E, 0.1, h35km, n11, c=87/11, mb3.6/14, Ryukyu Islands

Table for station 1577, listing codes, station names, azimuths, phase IDs, times, and residuals. Includes stations like JJT2, JKE, JAGN, etc.

Table for station 1577, listing codes, station names, azimuths, phase IDs, times, and residuals. Includes stations like WRA, ASAR, YKA, etc.

JMA 28 08:24:13.9, 0.2, 24.33N, 121.93E, h49km, 3km, M3.0, ISCJB 28 08:24:14.3, 0.5, 24.41N, 122.05E, 0.01, h14km, 2km, Error ellipse: s-maj=2.5km s-min=2.1km az=136.7

TAP 28 08:24:14.5, 0.4, 24.43N, 121.99E, h20km, ML3.7, D, ISC 28 08:24:12.5, 1.0, 24.36N, 0.02, 122.09E, 0.02, h11km, 9km, n68, c=073/16, 2C, Taiwan region

Main table for station 1577, listing codes, station names, azimuths, phase IDs, times, and residuals. Includes stations like ENAH, ENA, TWC, etc.

1579

Table with columns: RJF, Les Rejaudoux, 3.80 284 eSn, Sn, 09 02 39.1 -4.5

NIED 28 09:12:00.32'20N:142'40E, h5km, Mw3.7 Best double couple: M3.88000x1014 N1P1=132.00000°, 847.00000°, λ-132.00000°

ISCJB 28 09:12:36.8±0.4, 32'08N:0'05:142.38E±0.08, h10km, mb4.1/22, Error ellipse: s-maj=11.1km s-min=4.6km az=151.6

IDC 28 09:12:37.2±0.7, 32'01N:142'43E, h0km, mb3.9/16, mb1 4.0/19, mb1mx3.9/65, mbtmp3.9/19, ML3.4/4, Error ellipse: s-maj=18.9km s-min=15.3km az=67.0

NEIC 28 09:12:38.5±0.6, 32'10N:142'54E, h10km, mb4.2/3, Error ellipse: s-maj=10.3km s-min=7.8km az=78.1

JMA 28 09:12:40.9±0.4, 32'15N:142'37E, h89km, M3.7, ISC 28 09:12:38.1±0.6, 32'06N:0'05:142.52E±0.09, h10km, n44, c236/56, mb4.1/22, Southeast of Honshu

Main table for station 1579 with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res

ISCJB 28 09:17:33.1±0.7, 43'91N:0'04:75.13E±0.03, h0km, Error ellipse: s-maj=5.3km s-min=2.7km az=163.7

KNET 28 09:17:33.3±0.1, 43'88N:75'13E, h13km, mb2.6, SOME 28 09:17:33.1±0.6, 43'92N:75'10E, h10km

KNET 28 09:17:35.1±0.6, 43'79N:75'10E, h11km, 2km, ml1.8, Error ellipse: s-maj=3.6km s-min=2.2km az=6.0

NNC 28 09:17:35.2±0.4, 43'81N:75'17E, h0km, mb2.3, mpv2.2, Suspected Mining explosion

ISC 28 09:17:33.5±0.9, 43'88N:0'03:75.14E±0.02, h0km, n44, c060/85, 36C-16D, Lake Issyk-Kul region

Table for station 1579 (continued) with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res

2012 FEB

Main table for station 2012 FEB with columns: CHMS, Chumysh, 0.93 198 ↑P, Pg, 09 18 03.7 +0.4

IDC 28 09:22:35.9±2.9, 27'44S:66'83E, h0km, mb3.8/5, mb1 4.0/5, mb1mx3.5/63, mbtmp3.8/5, Error ellipse: s-maj=91.3km s-min=34.3km az=50.0, Indian Ocean Triple Junction

Table for station 2012 FEB (continued) with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res

28d 10h

1.0nm, 0.7s, baz=345, slow=3.6, SNR=22

IDC 28 10:07:28.2±5.2, 31'74N:141'95E, h0km, mb3.6/3, mb1 3.8/5, mb1mx3.5/55, mbtmp3.8/5, ML3.8/2, Error ellipse: s-maj=182.7km s-min=20.4km az=71.0

JMA 28 10:07:31.0±0.5, 32'19N:142'31E, h91km, M3.6, ISC 28 10:07:31.6±1.7, 31'98N:0'09:142.3E±0.3, h44km, n15, c206/21, mb3.5/3, Southeast of Honshu

Table for station 28d 10h (continued) with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res

DDA 28 10:09:23.8, 41'21N:43'77E, h7km, ML2.9, TIF 28 10:09:23.9, 41'20N:43'77E, h18km, 1km

ISCJB 28 10:09:24.6±0.5, 41'19N:0'03:43.77E±0.03, h10km, 4km, Error ellipse: s-maj=4.8km s-min=3.0km az=146.6

ISK 28 10:09:24.7, 41'21N:43'68E, h26km, ML2.5/2, CSEM 28 10:09:24.6±0.2, 41'18N:43'76E, h10km, ML2.5, Error ellipse: s-maj=4.4km s-min=3.2km az=144.0

ISC 28 10:09:24.5±0.9, 41'21N:0'02:43.75E±0.02, h16km, 7km, n36, c055/65, Turkey-Georgia-Armenia border region

Main table for station 28d 10h with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res

IDC 28 10:14:03.5±1.6, 38'18S:75'39W, h0km, mb3.9/7, mb1 4.0/8, mb1mx3.9/31, mbtmp3.9/8, ML3.5/1, MS3.0/2, Ms1 3.0/2, ms1mx2.7/27, Error ellipse: s-maj=45.7km s-min=24.3km az=45.0

ISCJB 28 10:14:06.9±1.5, 38'25S:0'2:75.5W±0.3, h33km, mb3.8/7, Error ellipse: s-maj=38.2km s-min=10.4km az=138.0

ISC 28 10:14:08.9±1.6, 38'15S:0'2:75.4W±0.3, h35km, n10, c1913/10, mb3.8/7, Off coast of central Chile

Table for station 28d 10h (continued) with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res

NNC 28 10:23:35.6±4.0, 51'63N:75'62E, h0km, mb2.9, mpv2.4, Error ellipse: s-maj=68.0km s-min=28.6km az=26.0

28d 14h

Table with columns: KIZK, Mersin, 1.53 51 PN, Pn, 13 15 41.1 -0.4, 13 15 40.9 -0.6, 13 15 40.0 -0.8, 13 15 40.9 -0.6, 13 15 40.0 -0.8

MAN 28 13:19:10,10.11N:123.18E,h19km,mb4.3,ML3.1,MS2.8, 2C-2D, Cebu
Code Station Name Az AZZ Phase ID Time Res

NIED 28 13:19:00,39.20N:142.40E,h11km,Mw3.4 Best double couple: M1.33000:1014 NP1.54.00000, 835.00000, lambda-14.00000, NP2.255.00000, 882.00000, lambda-125.00000

JMA 28 13:19:57.9,0.1,39.22N:142.43E,h27km,ML3.5, Near east coast of eastern Honshu
Code Station Name Az AZZ Phase ID Time Res

IDC 28 13:21:26.3,999.0,56.93N:35.13E,h0km, Error ellipse: s-maj=863.0km s-min=31.0km az=99.0, Baltic States-Belarus-Northwestern Russia

Code Station Name Az AZZ Phase ID Time Res
143RU DUBNA INFRASON 1.17 99 i Op ISC h m s ISC 13 28 00.0

ISC/JB 28 13:21:58.0,0.5,10.10S:0.07,122.87E:0.05,h162km, mb3.4/5, Error ellipse: s-maj=10.8km s-min=6.1km az=1.7

DJA 28 13:22:00.9,0.6,0.0,4.2S:4.12E, h141km,7km, M4.0/6, ML4.0/6

IDC 28 13:22:00.1,2.1,0.02S:123.04E,h158km,18km,mb3.1/5, mb1 3.3/7, mb1mx3.1/53,mbtmp3.7/7, Error ellipse: s-maj=37.2km s-min=13.5km az=59.0

ISC 28 13:21:60.0,0.7,0.15S:0.07,122.93E:0.06,h162km,n13, a=170/22,mb3.4/5,Minahassa Peninsula,Sulawesi

Code Station Name Az AZZ Phase ID Time Res
LUWI Luvuk 0.90 190 Op ISC h m s ISC 13 22 48.0 +0.4

NNC 28 13:23:53.8,1.4,51.75N:75.84E,h93km,mb3.4,mpv3.0, Error ellipse: s-maj=55.6km s-min=8.1km az=27.0, Suspected Mining explosion.

IDC 28 13:23:54.0,0.9,51.50N:75.70E,h0km,mb1 2.7/3, mb1mx2.6/67,mbtmp2.7/3,ML2.4/3,2C-4D, Error ellipse: s-maj=21.6km s-min=7.7km az=29.0, Eastern Kazakhstan

Code Station Name Az AZZ Phase ID Time Res
KURBB Kurchatov Arr 1.99 115 Op Pn 13 24 28.0 -0.1

2012 FEB

MK31 Makanchi Array 6.39 135 Pn Pn 13 25 29.9 +0.6
MK31 0.4nm,0.5s,baz=331,slow=14,SNR=4.8 Pg Pg 13 25 52.4 -4.0

IDC 28 13:26:24.3,4.3,7.194S:100.88E,h0km,mb3.4/4, mb1 3.5/4,mb1mx3.5/9,mbtmp3.4/4, Error ellipse: s-maj=156.9km s-min=24.1km az=57.0

ISC/JB 28 13:26:32.0,0.7,2.06S:0.05,100.67E:0.07,h62km, mb3.4/4, Error ellipse: s-maj=10.5km s-min=7.4km az=166.3

DJA 28 13:26:32.0,0.4,2.2S:2.10E, h11km,4km, M3.3/7, ML3.3/7

ISC 28 13:26:33.1,0.9,1.97S:0.05,100.65E:0.06,h62km,n13, a=250/16,mb3.5/4,Southern Sumatra

Code Station Name Az AZZ Phase ID Time Res
PPSI Pulau Pagai 1.01 219 Op ISC h m s ISC 13 26 50.9 +0.5

IDC 28 13:57:11.5,1.4,3.49N:126.72E,h0km,mb3.3/4, mb1 3.5/4,mb1mx3.2/56,mbtmp3.3/4, Error ellipse: s-maj=153.2km s-min=22.2km az=70.0, Talaud Islands

Code Station Name Az AZZ Phase ID Time Res
WRA Warrungarra Arr 24.45 162 P P 14 02 32.0 -0.4

IDC 28 14:00:59.8,618.0,53.55N:2.42E,h0km, Error ellipse: s-maj=317.8km s-min=155.0km az=115.0, North Sea

Code Station Name Az AZZ Phase ID Time Res
126DE FREYUNG INFRAS 8.51 119 i Op ISC h m s ISC 14 52 20.0

MOS 28 14:13:56.4,1.5,38.40N:142.04E,h47km,mb4.2/11, Error ellipse: s-maj=12.6km s-min=6.7km az=81.2

ISC/JB 28 14:13:57.0,0.6,38.37N:0.04,142.09E:0.06,h63km,5km, mb4.1/20, Error ellipse: s-maj=8.8km s-min=4.4km az=35.4

IDC 28 14:14:00.3,0.7,38.29N:141.88E,h69km,6km,mb3.6/15, mb1 3.9/17,mb1mx3.6/66,mbtmp3.9/17,MS2.6/3, M5.1 2.6/3,ms1mx2.4/69, Error ellipse: s-maj=14.8km s-min=13.1km az=121.0

NIED 28 14:14:00.38,30N:142.00E,h74km,Mw3.9 Best double couple: M8.98000:1014 NP1.54.00000, 841.00000, lambda137.00000, NP2.179.00000, 864.00000, lambda57.00000

JMA 28 14:14:00.1,0.1,38.37N:141.88E,h65km,2km, M4.0 JMA Felt II J1

ISC 28 14:13:59.9,0.7,38.40N:0.05,142.04E:0.06,h63km,5km, n54,a=202/71,mb3.9/20,Near east coast of eastern Honshu

Code Station Name Az AZZ Phase ID Time Res
JIO Ouri 0.55 275 Op Pn 14 14 11.9 -0.7

MJAR 3.0nm,0.3s,baz=60,slow=30,SNR=5.2 S Sn 14 15 32.9 -0.9

Code Station Name Az AZZ Phase ID Time Res
NEM2 Nemuro 2 0.12 350 Op Pn 14 30 29.2 +0.9

1582

SHO comp=N,259nm,0.5s smax smax
KUR Kuril'sk 8.09 31 eP Pn 14 15 53.6 -0.9

USRK Ussuriysk Arr 9.52 311 P Pn 14 16 14.4 +0.3

JNU Nakatsue 10.49 243 LR LR 14 20 28.5

KSR5 Korea Array 11.20 270 P Pn 14 16 38.6 +1.6

KSR5 comp=E,27nm,21.5s,baz=125,slow=34 LR LR 14 20 13.0

KLR Kul'dur 13.11 329 P Pn 14 17 01.6 -1.5

ZEA Zeya 18.39 331 i P Pn 14 18 08.0 -1.5

MA2 Magadan 21.91 12 P Pn 14 18 49.1 +1.6

YAK Yakutsk 24.85 346 P Pn 14 19 17.4 +1.4

SEY Seymchan 25.35 11 P Pn 14 19 21.8 +1.2

BOD Bodaibo 26.66 326 eP Pn 14 19 31.1 -1.3

SONM Songoing Array 27.46 302 P Pn 14 19 38.9 -1.1

H1N2 WAKE ISLAND HY 28.46 124 T T 14 50 03.7

H1N1 WAKE ISLAND HY 28.46 124 T T 14 50 11.0

H1N3 WAKE ISLAND HY 28.47 124 T T 14 50 10.5

H1S1 WAKE ISLAND HY 29.22 126 T T 14 51 09.8

H1S3 WAKE ISLAND HY 29.22 126 T T 14 51 08.6

H1S2 WAKE ISLAND HY 29.23 126 T T 14 51 11.5

ZAK Zakamensk 29.84 306 eP Pn 14 19 59.3 -1.7

ZALV Zalesovo Beam 41.38 311 P Pn 14 21 38.9 -0.6

MKAR Makar Array 43.83 301 P Pn 14 21 58.6 -0.9

KURK Kurchatov 45.49 307 P Pn 14 22 12.5 -0.2

KURBB Kurchatov Arr 45.57 307 P Pn 14 22 12.5 -0.7

ILAR Eielson Array 48.07 33 P Pn 14 22 33.6 +1.1

ILAR comp=2.0,5nm,0.7s,baz=265,slow=5.7,SNR=9.9 pP 14 22 51.4 +2.5

ILAR Eielson Array 48.07 33 P Pn 14 22 33.7 +1.1

ILAR comp=2.1,0nm,1.1s smax smax 14 22 51.4 +2.5

BVAR Borovoye Array 50.03 312 P Pn 14 22 46.7 -1.1

INK comp=2.0,8nm,0.4s,baz=65,slow=8.5,SNR=6.8 P 14 23 10.6 +1.4

WRA Warrungarra Arr 58.49 189 P Pn 14 23 48.2 -1.3

WRA comp=2.0,7nm,0.6s,baz=5.3,slow=6.9,SNR=1.5 pP 14 24 05.7 -0.4

ASAR Alice Springs 62.21 188 P Pn 14 24 13.9 -0.9

ASAR comp=2.0,2.0nm,0.6s,baz=15,slow=11,SNR=4.4 pP 14 24 31.4 -0.3

YKA Yellowknife Arr 62.38 31 P Pn 14 24 15.8 +0.3

FINES FINES Array B 67.84 332 P Pn 14 24 54.3 +3.4

NDAR Mina Array 73.77 54 P Pn 14 25 28.5 +0.9

PVARE Pinedale Array 76.35 46 P Pn 14 25 43.4 +0.9

TXAR comp=2.0,7nm,0.5s,baz=274,slow=1.1,SNR=9.5 pP 14 26 48.5 +0.9

TXAR comp=2.0,5nm,0.6s,baz=296,slow=2.8,SNR=7.2 pP 14 27 07.2 +2.0

LPAZ La Paz 145.56 59 P Pn 14 33 31.9 -0.2

NIED 28 14:30:00,43.20N:145.70E,h89km,Mw4.1 Best double couple: M1.50000:1015 NP1.54.00000, 822.00000, lambda-112.00000, NP2.242.00000, 887.00000, lambda-112.00000

ISC/JB 28 14:30:09.3,0.3,43.22N:0.03,145.74E:0.04, h104km,1km,mb4.5/59, Error ellipse: s-maj=5.9km s-min=3.7km az=140.3

MOS 28 14:30:09.3,1.1,43.19N:145.79E,h105km,mb4.6/39, Error ellipse: s-maj=8.9km s-min=5.5km az=101.1

MOS Felt (I) at Golovnyo, Yuzhno-Kuril'sk

JMA 28 14:30:10.9,0.1,43.20N:145.74E,h92km,1km, M4.1 JMA Felt II J1

SKHL 28 14:30:10.7,0.2,43.25N:145.84E,h103km,2km,mb5.3/3, msh6.4/3

SKHL Felt (II) at Golovnyo, Yuzhno-Kuril'sk

IDC 28 14:30:10.4,1.0,43.22N:145.74E,h99km,8km,mb4.2/27, mb1 4.3/30,mb1mx4.1/74,mbtmp4.6/30,MS2.6/3, M5.1 2.6/3,ms1mx2.2/72, Error ellipse: s-maj=14.0km s-min=11.9km az=149.0

NEIC 28 14:30:10.4,0.3,43.23N:145.72E,mb4.7/17, Error ellipse: s-maj=8.5km s-min=5.0km az=144.0

NEIC Recorded (2 JMA) in eastern Hokkaido

ISC 28 14:30:10.0,0.5,43.25N:0.04,145.77E:0.04,h95km,3km, h95km:pp-P,n166,a=144/204,mb4.6/59,7C-18D, Hokkaido region

Code Station Name Az AZZ Phase ID Time Res
NEM2 Nemuro 2 0.12 350 Op Pn 14 30 29.2 +0.9

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like RUS Russkaya, KRM R Karymshinsky, PETK Petropavlovsk, UGLR Ugljovaya, MA2 Magadan, YAK Yakutsk, etc.

NIED 28 15:07:00.0, 28.20N, 139.70E, h500km, Mw5.5 Best double couple: M1.81000x1017, NP1.0x109.00000, 87.00000, lambda=156.00000, NP2.0x356.00000, 887.00000, lambda=94.00000

JMA 28 15:07:33.0, 28.1, 128.18N, 139.74E, h521km, 2km, M6.0 JMA Felt J1.

ISCJBJ 28 15:07:34.9, 0.2, 28.19N, 139.46E, 10.01, h512km, 1km, mb5.5/533, Error ellipse: s-maj=2.1km s-min=1.7km az=136.5

MOS 28 15:07:34.8, 0.8, 28.20N, 139.38E, h511km, mb5.5/150, Error ellipse: s-maj=6.0km s-min=3.5km az=105.9

BUI 28 15:07:34.5, 28.21N, 139.39E, h503km, mb5.9/53, mb5.5/43

GCMT 28 15:07:35.0, 0.2, 28.23N, 139.31E, h504km, 1km, Mw5.9/90, Moment Tensor Solution, s30c135, s31c31; Duration: 1s4, Moment tensor: Scale 10^17Nm; M1=0.21x0.4; M2=0.56x0.6; M3=0.35x0.6; M4=0.02x0.6; M5=0.31x0.5; M6=2.59x0.5; Best double couple: M2.61200x10^17, NP1.0x177.00000, 889.00000, lambda.82.00000, NP2.0x363.00000, 88.00000, lambda.176.00000

IDC 28 15:07:35.1, 0.3, 28.21N, 139.48E, h504km, 3km, mb4.9/52, mb1.4/9.9, mb1mx4.8/6.5, mbtmp/7.9/9 Error ellipse: s-maj=7.3km s-min=5.3km az=81.0

NEIC 28 15:07:35.0, 0.2, 28.20N, 139.39E, h504km, 2km, mb5.4/293, Mw5.6, Error ellipse: s-maj=2.4km s-min=1.9km az=129.0, Moment Tensor Solution, s16 Moment tensor: Scale 10^17Nm; M1=0.59; M2=0.35; M3=0.24; M4=0.01; M5=0.51; M6=2.82; Best double couple: M2.90000x10^17, NP1.0x357.00000, 885.00000, lambda.80.00000, NP2.0x111.00000, 81.100000, lambda.156.00000, Principal axes: T 2.7400, Plg40.0000, Azm78.0000; N 0.3200, Plg10.0000, Azm177.0000; P -0.3600, Plg49.0000, Azm278.0000

NEIC Recorded [1 JMA] in the Chichijima-retto and Haha-jima-retto

ISC 28 15:07:35.0, 0.2, 28.21N, 139.45E, 0.03, h509km, 1km, h509km, pP-P, 1677, r150/2047, mb5.4/572, 50C-163D, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like CBJJ Chichijima, JHHJ Haha-jima-NKT, JHJC Hachijojimakas, etc.

Main table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like MAJO Matushiro, MJAJ Matushiro, MJBJ Matsu-Tunnel, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like TWP Pinlang, TPUB Ta-pu, MDJ Mudanjiang, etc.

Table with columns: ID, Name, Time, Az, El, P, Az, El, P. Rows include stations like B08A Colville Reser, L02D Cave Junction, SHAO Shalim, etc.

Table with columns: ID, Name, Time, Az, El, P, Az, El, P. Rows include stations like KOPT Kop Dag, F10A Beach Ranch, BINGL BINGOL, etc.

Table with columns: ID, Name, Time, Az, El, P, Az, El, P. Rows include stations like AKCD Akcadag, SUW Suwalki, SUW Suwalki, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like TUE Stuetta, M33A Taylor Creek F, E39A Mellen, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like AVF Avril sur Loir, K40A Colesburg, P36A Good Intent, A, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like S41A Jillico Farms, R42A Luebbering, W38A Poteau, etc.

MOS 28 15:22:03.3-2.7, 51.73N-96.01E, h7km, mb4.3/1, Error ellipse: s-maj=45.5km s-min=17.1km az=17.0
IDC 28 15:22:04.8-2.8, 51.56N-96.20E, h0km, mb1.3/3.3, mb1mx2.9/7.7, mtmtp3.3/3, ML2.2/3, Error ellipse: s-maj=55.5km s-min=20.9km az=17.0
ISC 28 15:22:06.3-1.2, 51.91N-96.16E, h0.08, h10km, n13, r139/11, Southwestern Siberia

28d 15h

Table with columns: Code, Station Name, Az, Az', Phase I, Phase II, Time, Res, ISC. Includes stations like ARS, TLY, ZAK, IRK, TRG, ZALV, OGRR, SONMI, MKAR, KURK, KURBB, etc.

ISC 28 15:24:15.4, 0.5, 49.15N; 156.07E, h0km, mb4.8/46.
mb1 4.9/51, mb1mx4.8/77, mbtmp4.9/51, ML4.1/3, MS4.4/50,
Ms1 4.4/50, Ms1mx4.2/50.0, Error ellipse: s-maj=12.1km
s-min=9.7km az=157.0

Table with columns: Code, Station Name, Az, Az', Phase I, Phase II, Time, Res, ISC. Includes stations like SKR, PAU, KDR, ASAK, MTRV, RUS, PETK, etc.

2012 FEB

Table with columns: SDR, Sedlovina, 4.51, 21, PN, Pn, 15 25 26.7 -0.5, etc. Includes stations like SDR, KUR, ESO, KMN, etc.

1592

Table with columns: OKH, comp=Z, 1.0m, 3.7s, i/S, AMS, Sn, AMS, 15 28 23.3 +4.0, etc. Includes stations like OKH, ASAJ, MA2, ERM, etc.

1593

Table with columns for station name, frequency, power, and other technical details. Includes stations like KSAR, HIA, INCN, TJN, etc.

2012 FEB

Table with columns for station name, frequency, power, and other technical details. Includes stations like HYT, INK, INK, HVS, etc.

28d 15h

Table with columns for station name, frequency, power, and other technical details. Includes stations like BVAR, BVAR, BRVK, etc.

Table of astronomical observations for 28d 16h, listing stations like KSAR, MAJO, MAT, MJAR, MJAR, MJAR, etc., with associated coordinates and data points.

Table of astronomical observations for 2012 FEB, listing stations like AKTO, AKTO, AKTO, etc., with associated coordinates and data points.

Table of astronomical observations for 1596, listing stations like KK31, KK31, KK31, etc., with associated coordinates and data points.

Table with columns: YAK, comp, pmax, pmax, and various station identifiers and coordinates. Includes stations like WAKE ISLAND HY, Ulanbaatar, and various regional stations.

Table with columns: DAVOX, Davos/Dischmat, 87.17 329, LR, LR, 17 54 58.1, and various station identifiers and coordinates. Includes stations like Bering, Shemya, Krutoberegovo, and various regional stations.

Table with columns: BRLK, Bradley Lake, 22.31 60 eP, P, 17 04 57.9 -0.9, and various station identifiers and coordinates. Includes stations like SUSA, Sushina Hill, KANTISHINA ONE, and various regional stations.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Koepell, Fachingen, Borgeitz, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Baives, Clausthal, They Montfort, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Karmyshinskiy, Petropavlovsk, etc.

28d 18h

Table with columns for station code, name, frequency, and signal strength. Includes stations like ASAJ, MA2, MAJ, etc.

2012 FEB

Table with columns for station code, name, frequency, and signal strength. Includes stations like SONMO, SONMI, SML, etc.

1600

Table with columns for station code, name, frequency, and signal strength. Includes stations like MAKZ, MAKZ, MAKZ, etc.

Table with columns: Station Name, Frequency, Power, Bandwidth, SNR, Azimuth, Elevation, and other parameters. Includes stations like SNOW, SCO, SCOT, SPUT, R11A, PD31, etc.

Table with columns: Station Name, Frequency, Power, Bandwidth, SNR, Azimuth, Elevation, and other parameters. Includes stations like MORC, MORC, MORC, BRG, BRG, KECS, etc.

Table with columns: Station Name, Frequency, Power, Bandwidth, SNR, Azimuth, Elevation, and other parameters. Includes stations like SAINT SAUVEUR, MOUNT MERON AR, RAYN, etc.

CSEM 28 18:05:36.9; 0.3, 38.77N; 43.58E, h8km, ML2.7, Error ellipse: s-maj=7.9km s-min=4.8km az=78.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other parameters. Includes stations like VANB, VANB, ERV, etc.

IDC 28 18:09:55.3; 1.5072N; 96.11E, h0km, mbl 3.0/1, mb1mx2.6/7.1, mbtm3p.0/1, ML2.1/1, Error ellipse: s-maj=5.6km s-min=2.8km az=11.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other parameters. Includes stations like SONM, ZALV, ZALV, etc.

ISK 28 18:10:37.9; 38.67N; -37.43E, h5km, ML2.6/5, CSEM 28 18:10:38.9; 0.2, 38.65N; -37.41E, h2km, ML2.6, Error ellipse: s-maj=4.1km s-min=4.0km az=19.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other parameters. Includes stations like DARE, DARE, DARE, etc.

28d 18h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KMRS, KMR5, KMR6, etc.

ISCJB 28 18:11:31.5:0.3,29.765:0.03:177.78W:0.07,h35km, mb4.9/27,MS3.5/15, Error ellipse: s-maj=9.0km

NEIC 28 18:11:34.1:0.9,29.835:177.71W,h49km,7km,mb4.9/33, Error ellipse: s-maj=10.4km s-min=6.8km az=112.0

ISC 28 18:11:37.1:1.1,29.535:177.82W,h64km,7km,mb4.0/6, mb1 4/8, mb1mx4.0/42, mbmp4.5/8, MS3.5/18, Ms1 3.5/8, mb1mx4.3/38, Error ellipse: s-maj=24.6km

ISC 28 18:11:33.4:0.4,29.815:0.05:177.70W:0.08,h35km, n160,c2848/144,mb4.9/27,MS3.5/15,Kermadec Islands

Main table of station data for the 28d 18h period, including stations like GLKZ, RAO, RIZ, etc.

2012 FEB

Main table of station data for the 2012 FEB period, including stations like PAE, PPT2, PPT3, etc.

1602

Main table of station data for the 1602 period, including stations like BR231, TOAO, TORO, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like OTVZ, KRUV, HIZ, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like N23A, LAO, LAO, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LWLI, GSI, GSI, etc.

ISCJ 28 19:02:03.0.1.8, 43.37N, 105.25W, h0km, mb4.1/1, mb1 4.0/5, mb1mx3.5/6, mbtmp3.5/5, ML3.2/3, MS3.0/1, Ms1 3.0/1, ms1mx2.4/60, Error ellipse: s-maj=4.1, km s-min=8.9km, az=157.0

ISCJ 28 19:13:46.9.0.7, 2.08S, 100.62E, h0km, mb4.3/18, mb1 4.4/18, mb1mx1.6/6, mbtmp4.3/18, MS3.1/7, Ms1 3.1/7, ms1mx2.8/59, Error ellipse: s-maj=29.7km s-min=11.7km, az=50.0

ISCJ 28 19:13:55.0.4.2, 0.55S, 100.03E, h0km, h76km, 3km, mb4.5/33, Error ellipse: s-maj=6.6km s-min=4.2km, az=142.8

ISCJ 28 19:02:05.8.0.5, 43.70N, 105.25W, h0km, ML3.2, Error ellipse: s-maj=7.4km s-min=5.9km, az=145.0, Suspected Mining explosion.

28d 20h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like AKASG Malin Array Be, FINES FINESS Array B, ARCES ARCES Array B, etc.

TEH 28 19:25:01.2, 31.48N, 56.76E, h6km, ML3.8
ISCJB 28 19:25:03.0, 0.4, 31.44N, 0.03, 56.75E, 0.04, h10km,
mb3.4/6, Error ellipse: s-maj=5.1km s-min=4.7km az=30.3

THR 28 19:25:02.9, 0.3, 31.41N, 56.76E, h15km, ML3.5
CSEM 28 19:25:03.5, 0.2, 31.43N, 56.74E, h2km, ML3.8, Error
ellipse: s-maj=4.4km s-min=4.0km az=158.0

IDC 28 19:25:06.2, 3, 31.41N, 56.61E, h48km, 27km, mb3.2/7,
mb1.3/4.9, mb1mx3.2/61, mbmp3.5/8, ML3.6/2, MS2.8/1,
Ms1=18.3km, ms1mx2=2.3, Error ellipse: s-maj=20.4km
s-min=18.3km az=31.3

ISC 28 19:25:02.2, 0.6, 31.44N, 0.04, 56.75E, 0.03, h10km, n62,
az=211/61, mb3.4/6, Northern and central Iran

Main table of station data for the 28d 20h period, including station names, coordinates, and observation times.

IDC 28 19:37:14.0, 59.2, 0.53, 93N, 1.42E, h0km, Error ellipse:
s-maj=328.6km s-min=182.8km az=108.0, North Sea

2012 FEB

baz=277, slow=325, SNR=1.1
I31KZ AKTYUBINSK INF 34.12 72 i
baz=297, slow=328, SNR=0.3
KRSC 28 19:47:21.7, 1.7, 49.13N, 157.52E, h7km, 32km, ML4.0
ISCJB 28 19:47:22.0, 0.7, 49.14N, 0.05, 156.9E, 0.1, h33km,
mb3.6/8, MS3.1/3, Error ellipse: s-maj=12.4km
s-min=4.7km az=33.1

MOS 28 19:47:24.8, 1.0, 49.08N, 156.76E, h63km, mb4.0/6, Error
ellipse: s-maj=21.7km s-min=5.8km az=80.6
SKHL 28 19:47:26.0, 0.5, 49.01N, 156.79E, h57km, 3km, mb4.4/2
IDC 28 19:47:29.2, 4.5, 49.37N, 156.24E, h75km, 37km, mb3.3/7,
mb1.3/5.8, mb1mx3.1/72, mbmp3.6/8, ML2.2/1, MS3.0/5,
Ms1=3.0/5, ms1mx2=7.36, Error ellipse: s-maj=43.5km
s-min=23.2km az=156.0

ISC 28 19:47:23.0, 1.0, 48.89N, 0.09, 156.94E, 0.09, h35km, n53,
az=193/57, mb3.7/8, MS3.1/3, D, East of Kuril Islands

Main table of station data for the 2012 FEB period, including station names, coordinates, and observation times.

1606

Main table of station data for the 1606 period, including station names, coordinates, and observation times.

IDC 28 20:21:22.7, 6.1, 6.04S, 154.12E, h12km, 48km, mb3.4/3,
mb1.3/6.5, mb1mx3.3/46, mbmp3.8/5, MS2.8/1, Ms1 2.8/1,
ms1mx2.3/24, Error ellipse: s-maj=89.9km
s-min=34.9km az=124.0, Bougainville-Solomon Islands
region

Main table of station data for the 1606 period, including station names, coordinates, and observation times.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Muntele Rosu, Warramunga Arr, BUR04 Bucovina Arr, etc.

JMA 28 21:07:32.9 0.3, 25.54N, 127.27E, h42km, 5km, M3.1
IDC 28 21:07:34.3 0.9, 25.55N, 127.17E, h41km, 7km, mb3.4/9,
mb1 3.6/10, mb1mx3.4/70, mbtmp3.7/10, ML4.0/1, Error
ellipse: s-maj=32.4km s-min=15.8km az=70.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Tamagusuku 2, Kume jima 2, Aguni-jima, etc.

IDC 28 21:09:10.9 6.9, 30.25S, 175.55E, h0km, mb3.8/3,
mb1 4.0/3, mb1mx3.6/40, mbtmp3.7/3, Error ellipse:
s-maj=258.9km s-min=48.6km az=158.0, North of New
Zealand

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Alice Springs, Warramunga Arr, etc.

ISCJB 28 21:13:53.0 0.3, 9.912N, 0.02x123.24E, 0.03, h10km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like mb3.7/12, MS3.2/13, Error ellipse: s-maj=4.7km, etc.

IDC 28 21:23:37.3 2.1, 19.65S, 176.88W, h0km, mb3.8/6,
mb1 4.1/6, mb1mx3.5/42, mbtmp3.8/6, Error ellipse:
s-maj=147.7km s-min=25.2km az=147.0, Fiji Islands
region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Stephens Creek, Warramunga Arr, etc.

IDC 28 21:33:05.2 7.1, 19.65S, 176.88W, h0km, mb3.7/3,
mb1 4.0/3, mb1mx3.5/42, mbtmp3.7/3, Error ellipse:
s-maj=308.2km s-min=36.7km az=144.0, Fiji Islands
region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Alice Springs, Warramunga Arr, etc.

MOS 28 21:36:22.9 1.6, 51.62N, 96.08E, h7km, mb4.1/1, Error
ellipse: s-maj=30.4km s-min=14.3km az=165.6
ISCJB 28 21:36:24.3 0.8, 51.7N, 0.2x95.98E, 0.09, h10km, mb3.9/1,
Error ellipse: s-maj=26.7km s-min=7.4km az=170.1
IDC 28 21:36:24.5 1.1, 51.59N, 96.21E, h0km, mb4.0/1,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like mb1 3.3/3, mb1mx2.9/70, mbtmp3.3/3, etc.

CSEM 28 21:43:16.8 0.3, 38.88N, 43.56E, h15km, ML2.5, Error
ellipse: s-maj=7.7km s-min=4.7km az=69.0
DDA 28 21:43:16.9, 38.90N, 43.57E, h7km, ML2.5/4
ISCJ 28 21:43:16.9, 38.89N, 43.52E, h16km, ML2.5/4
ISCJB 28 21:43:18.0 0.5, 38.90N, 0.03x43.53E, 0.05, h20km, 6km,
Error ellipse: s-maj=6.7km s-min=4.3km az=166.6
ISC 28 21:43:17.0 1.0, 38.89N, 0.02x43.56E, 0.03, h15km, 8km,
n23, r196/44, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ERICIS-VAN, ERICIS-VAN, etc.

CSEM 28 21:48:01.8 0.3, 38.88N, 43.69E, h2km, ML2.9, Error
ellipse: s-maj=6.2km s-min=3.7km az=85.0
DDA 28 21:48:01.8, 38.91N, 43.67E, h5km, ML2.9/4
ISC 28 21:48:01.9, 38.86N, 43.61E, h8km, ML2.9/6
ISC 28 21:48:02.4 1.1, 38.88N, 0.01x43.66E, 0.03, h5km, 9km,
n48, r136/86, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ERICIS-VAN, ERICIS-VAN, etc.

ISC 28 21:48:02.4 1.1, 38.88N, 0.01x43.66E, 0.03, h5km, 9km,

Table with columns: Station Name, Frequency, Power, Direction, and other details. Includes stations like DLMT Dillon, EGMET Eagleton, EGMT Eagleton, BMM Battle Mountain, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other details. Includes stations like FURC Furnace Creek, LRMC Laurel Mtn Rad, HOMI Horasan, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other details. Includes stations like O20A White River Ci, CUKAN kangal_SIVAS, BEL Belsk, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other metrics. Includes stations like SULR, KSP, KECS, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other metrics. Includes stations like G35A, KSCO, ECSD, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other metrics. Includes stations like L34A, I37A, K35A, etc.

28d 22h

Table with columns: CWF, G43A, J40A, IVA, MNTX, MNTX, PLG, VISS, Q34A, BOJS, KSU1, P35A, HRG, H2A, GRV, PVY, WPM, E45A, AMTX, KOM, WATA, N37A, WTTA, M38A, WLF1, WLF1, O36A, LANF, ABTA, WLF, WLF, WLF, K40A, L39A, FOEL, FOEL, J41A, J41A, YLL, R34A, MOTA, RETA, KRUS, H42A, NKY, P36A, NKME, H43A, JF5A, JFW5, TRI, TRI, TRI, Q35A, BRY, PDG, TTG, BFO, BFO, BFO, O37A, N38A, CEM, M39A, L40A, K41A, FETA, J42A, FNA, H43A, F46A, DRME, Q36A, S34A, OHR, DAVA, R35A, CDF, CDF, KZN, P37A, ULC, N39A, STRD, STRD, O38A, J43A, MCH1, MCH1, M40A, K42A, HMNX, HMNX

2012 FEB

Table with columns: TIR, Tirane, MONH, WOL, SMIA, LPW, TBI, TBI, R36A, T34A, S35A, DAVOX, DAVOX, HGH, P38A, O39A, N40A, Q37A, L42A, M41A, LP1G, GLMI, R37A, S36A, T35A, TUE, TUE, Q38A, L43A, O40A, P39B, M42A, N41A, WMOK, T36A, S37A, Q39A, P40A, L44A, R38A, N42A, M43A, KRND, O41A, Q40A, R31A, S38A, TXAR, TXAR, O42A, M44A, HDIL, HDIL, HDIL, TUL1, T38A, IDI, S39A, ABTX, O43A, P42A, Q41A, M45A, N44A, VLC, VLC, CCA1, CCA1, T39A, P43A, AQU, AQU, AQU, S40A, SSF, SSF, N45A, Q42A, R41A, O44A, M46A, LPG, LPG, CCM, CCM, CCM

1616

Table with columns: CCM, T40A, N46A, U39A, R42A, O45A, Q43A, P44A, BNI, BNI, BNI, BNI, SFIN, SFIN, AAM, V39A, CUC, CUC, U40A, S42A, W38A, Q44A, T41A, R43A, TIP, JCT, JCT, JCT, P45A, ORIF, W39A, P46A, O47A, V40A, T42A, SSB, SSB, SSB, Q45A, U41A, R44A, WHX, S43A, X39A, W40A, Q46A, V41A, T43A, U42A, S44A, R45A, MIAR, MIAR, MIAR, V42A, W41A, S45A, U43A, CEL, CEL, Q47A, R46A, X40A, Y40A, W42A, X41A, LONY, CAF, CAF, S46A, R47A, U44B, ACSO, ACSO, WCI, R33A

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Y41A Eaglette Beard, Z40A Long Farm, R48A Northridge Ram, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KOWA Kowa, MAW Mawson, SDV Santo Domingo, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like LMR La Mourre, VIVF Saint-Julien, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Katar-mosalman, Shooshtar-Gavs, Nasseria, etc.

CSEM 28-23:43:02.8-0.9,34.89N-26.23E,h2km,ML3.1,Error ellipse: s-maj=19.6km s-min=7.2km az=164.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Zakros, Neapolis, Lasithi, etc.

ISC 28-23:43:01.6-1.4,34.87N-0.05-26.22E,0.03,h3km,9km,n76,c123/100,mb3.7Z,Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Hitachi, Iwakimizuishiy, etc.

JMA 28-23:43:56.7-0.1,36.63N-141.14E,h18km,1km,M3.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Karpathos, Heraklion, Anoyia, etc.

JMA 28-23:49:12.7-0.1,34.96N-139.58E,h33km,1km,M3.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Tatemaya 2, Oshima, etc.

BUI 28-23:52:28.4,7.79S-128.54E,h156km,mb5.0/63,mb5.1/36

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SUI, Saumlaki, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MHLO, Agia Marina, etc.

ESDC Sonseca Array 24.3 290 P S 23 48 22.1 +0.5

NIED 28-23:43:00.36-60N,141.10E,h5km,Mw3.7 Best double couple: M=3.850000*10^14 NP1=34.000000,...

ISC 28-23:43:54.1-1.6,36.69N-141.33E,h0km,mb3.6/6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Hitachi, Iwakimizuishiy, etc.

JMA 28-23:49:12.7-0.1,34.96N-139.58E,h33km,1km,M3.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Karpathos, Heraklion, Anoyia, etc.

JMA 28-23:49:12.7-0.1,34.96N-139.58E,h33km,1km,M3.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Tatemaya 2, Oshima, etc.

BUI 28-23:52:28.4,7.79S-128.54E,h156km,mb5.0/63,mb5.1/36

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SUI, Saumlaki, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SAUI, Saumlaki, etc.

SWI BSSI Bau Bau, Button 7.75 279 P P 23 54 17.3 +0.3

TTSI Tana Toraja 9.41 297 P P 23 54 50.6 +4.3

WRA Warramunga Arr 13.79 155 P P 23 55 39.4 -3.8

ABJI Asem Bagus 13.84 268 P P 23 55 45.0 -0.4

ASAR Alice Springs 17.05 162 P P 23 56 23.1 0.0

ASAR Alice Springs 17.05 162 P P 23 56 23.1 0.0

ASAR Alice Springs 17.05 162 P P 23 56 23.1 0.0

ASAR Alice Springs 17.05 162 P P 23 56 23.1 0.0

ASAR Alice Springs 17.05 162 P P 23 56 23.1 0.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SUI, Saumlaki, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like NWA0, STKA, HTT, RKGy, CMSA, IPM, MNSI, KULM, PSI, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like MDJ, RPZ, ODAM, TAPN, RAMM, ASAJ, GTA, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like VWA, NVS, SEY, WSAR, BVK, ARU, etc.

MEX 28 23:55:28.1, 0.8, 15:28N, 93:94W, h16km, 523km, MD3.5, Code Station Name, Phase ID, Time Res, h m s, ISC

Table with 5 columns: PCIG, CCIG, Comitan, 2.01, 60, eP, s, Sb, 23 55 51.5 -3.3, 23 55 58.2 -3.3

CSEM 28 23:55:45.9, 32°55'N-46°89'E, h0km, ML2.8
TEH 28 23:55:46.6, 32°58'N-46°95'E, h8km, ML2.8
ISCJB 28 23:55:47.1, 32°55'N-0°05:46:99E-0.07, h20km, Error

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC

CSEM 28 23:56:54.7, 32°57'N-46°91'E, h0km, ML3.3
TEH 28 23:56:56.5, 32°57'N-46°84'E, h6km, ML3.3
ISCJB 28 23:56:57.1, 32°53'N-0°05:46:91E-0.05, h20km, Error

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC

IDC 29 00:03:04.5, 2.4, 8.88S, 112.59E, h0km, mb3,6/6,
mb1,3,7/6, mb1mx3,4/55, mbtmp3,6, Error ellipse:

ISCJB 29 00:03:12.0, 0.7, 9.25S, 0.07, 112.48E, 0.03, h87km, 8/8km,
mb3,5/6, Error ellipse: s-maj=5.8km s-min=4.5km az=8.3

DJA 29 00:03:13.4, 0.3, 9.5S, 11.3E, h54km, 20km, M4,2/17,
mb4,8/2, mb4,4/4, MLV4,1/17, Mw(mb)4,1/2

ISC 29 00:03:12.6, 1.4, 9.3S, 0.1, 112.48E, 0.04, h73km, 1.3km,
n23, f102/33, mb3,5/6, South of Jawa

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC

MAN 29 00:09:17, 9.90N-123.21E, h1km, mb4.3, ML3.1, MS2.8,
2C-2D, Negros

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC

Table with 5 columns: RCP, OCLP, OCLP, PAGZ, Ormoc, 1.79, 50, eS, Pagadian, 2.05, 175, eS

NIED 29 00:16:00, 37°30'N-143°90'E, h5km, Mw4.0 Best double
couple: M1.22000, 0.1015, N1.91, 65.00000, 838.00000,
lambda-30.00000, NP2.00, 179.00000, 872.00000,
lambda-124.00000.

IDC 29 00:16:03.8, 0.6, 37°14'N-144°25'E, h0km, mb4.0/22,
mb1,4,2/27, mb1mx4,1/69, mbtmp4,0/27, ML3,9/3, MS3,0/7,
Ms1,3,0/7, ms1mx2,7/62, Error ellipse: s-maj=15.7km

NEIC 29 00:16:09.0, 0.3, 37°22'N-144°21'E, h35km, mb4,4/11, Error
ellipse: s-maj=6.7km s-min=7.1km az=103.0

JMA 29 00:16:08.8, 0.1, 37°30'N-143°90'E, h46km, M4.4
ISC 29 00:16:07.2, 1.0, 37°12'N-0°05:14:4, h25km, 7km,
h69, r195/74, mb4,2/34, MS3,2/4, Off east coast of

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC

MAJO Matsushiro 4.78 255 eP Pn 00 17 18.8 +1.2
MAT Matsushiro 4.78 265 P S Pn 00 17 19.2 +1.6

MA2 Magadan 22.88 9 P P 00 21 08.5 0.0
MA2 2.4nm, 0.3s, baz=180, slow=9.6, SNR=4.0

SEY Seychnan 26.34 9 P 00 21 41.4 +0.6
H11N2 WAKE ISLAND Hy 26.37 125 T T 00 49 12.6

H11N1 WAKE ISLAND Hy 26.38 125 T T 00 49 12.4
H11N3 WAKE ISLAND Hy 26.39 125 T T 00 49 18.8

H11S1 WAKE ISLAND Hy 27.13 127 T T 00 49 38.6
H11S3 WAKE ISLAND Hy 27.13 127 T T 00 50 10.6

H11S2 WAKE ISLAND Hy 27.15 127 T T 00 49 44.4
SONM Songino Array 29.54 303 P P 00 22 11.0 +1.3

ZALV Zalesovo Beam 43.46 312 P P 00 24 08.2 +0.3
ZALV 2.2nm, 0.6s, baz=90, slow=2.3, SNR=9.9

KDKA Kodiak Island 45.59 42 P P 00 24 24.7 +0.1
MKAR Malin Array 45.81 303 P P 00 24 28.4 +0.8

MKAR Kurchatov 47.58 308 eP P 00 24 40.9 +0.4
KURBB Kurchatov Arra 47.65 308 P P 00 24 41.5 +0.4

ILAR Etelson Array 48.26 32 P P 00 24 45.4 -0.2
DOT Dot Lake 49.53 34 eP P 00 24 54.3 -1.1

BVAR Bovey Array 52.11 313 P P 00 25 15.4 +0.5
BRVK Bovey 52.17 313 eP P 00 25 15.4 0.0

INK Inuvik 53.32 27 P P 00 25 24.1 +0.5
WRAB Tennant Creek 57.49 191 eP P 00 25 54.8 +0.6

WRAB Warramunga Arr 57.50 191 eP P 00 25 55.0 +0.8
ARU Ari 57.72 319 eP P 00 25 56.0 +0.4

AKTO Aktyubinsk 60.22 313 P P 00 26 14.5 +1.6
ASAR Alice Springs 61.22 191 P P 00 26 20.6 +0.6

YKA Yellowknife Arr 62.63 31 P P 00 26 28.5 -0.5
FINES FINESS Array B 69.73 333 P P 00 27 14.5 0.0

SUMG Summit 70.58 1 eP P 00 27 19.8 -0.3
FFC Filin Flon 72.44 34 eP P 00 27 31.1 0.0

KIV Kislovodsk 72.47 312 eP P 00 27 31.6 +0.1
KBZ Khabaz 72.48 312 P P 00 27 32.8 +1.3

NVAR Norsar Array B 74.93 338 P P 00 27 35.9 +0.3
AKASE Malin Array Be 75.54 323 P P 00 27 49.8 +0.5

KIEV Kiev 75.55 323 eP P 00 27 49.1 -0.2
PDAR Pinedale Array 76.05 47 P P 00 27 52.8 +0.2

MLR Muntele Rosu 87.00 321 LR LR 01 05 51.8

Table with 5 columns: DPC, PPT2, KHC, KHC, GERES, TXAR, Dobruska-Polom, 81.52, 329, eP, Kasperke Hory, 83.58, 330, eP, Geres Array B, 83.76, 330, P, Tixar Array, 85.33, 54, P

CSEM 29 00:23:05.6, 0.2, 67°78'N-20°27'E, h2km, ML2.0, Error
explosion. s-maj=5.0km s-min=4.5km az=46.0, Mining

HEL 29 00:23:07.4, 67°82'N-20°38'E, h0km, ML1.6, Explosion
UPP 29 00:23:06.3, 67°83'N-20°19'E, h0km, ML2.0, Mining

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC

HEF Hetta 1.42 64 eP Pn 00 23 32.3 -1.1
HEF Hetta 1.42 64 eP Pn 00 23 32.3 -1.1

ERTU Ertsejaer 1.50 148 Pg Pn 00 23 33.5 -0.9
ERTU Ertsejaer 1.50 148 eP Pg Pn 00 23 33.5 -0.8

KALU Kalix 2.34 146 eP Pn 00 23 46.9 +1.0
KALU Kalix 2.34 146 eP Pn 00 23 47.0 +1.1

TOF Tornio 2.39 135 Pg Pn 00 23 47.9 +1.3
TOF Tornio 2.39 135 eP Pn 00 23 47.9 +1.3

SGF Sodankylä 2.45 96 Pg Pn 00 23 49.5 -1.7
SGF Sodankylä 2.45 96 eP Pn 00 23 49.5 -1.7

AREO ARCESS Array S 2.59 46 Sg Sb 00 24 26.1 +0.2
AREO ARCESS Array S 2.59 46 eP Sb 00 23 50.0 +0.6

AREO ARCESS Array S 2.59 46 eP Sb 00 23 50.0 +0.6
AREO ARCESS Array S 2.59 46 eP Sb 00 23 50.0 +0.6

AREO ARCESS Array S 2.59 46 eP Sb 00 24 26.1 +0.2
BURU Burvik 3.29 171 Pg Pn 00 24 08.1 -1.3

BURU Burvik 3.29 171 eP Pg Pn 00 24 08.1 -1.3
ISCJB 29 00:23:11.1, 1.0, 67°88'N-0°04:20'E-0.10, h0km, Error

NAO 29 00:23:13.0, 1.0, 67°81'N-20°36'E, ML2.1
UPP 29 00:23:13.0, 67°83'N-20°20'E, h0km, ML1.8, Mining

CSEM 29 00:23:13.0, 0.3, 67°77'N-20°17'E, h1km, ML1.8, Error
explosion. s-maj=6.8km s-min=5.4km az=167.0, Mining

BER 29 00:23:15.7, 3.0, 67°82'N-20°11'E, h0km, ML2.1 (NAO),
explosion.

ISC 29 00:23:12.6, 0.8, 67°77'N-0°03:20'E-0.03, h0km, n36,
f157/44, Sweden

Table with 7 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC

ARA0 ARCESS Array S 2.62 45 Pn Pn 00 23 57.7 +1.6
ARA0 ARCESS Array S 2.62 45 Pn Pn 00 23 57.7 +1.6

ARA0 ARCESS Array S 2.62 45 Pn Pn 00 23 57.7 +1.6
ARA0 ARCESS Array S 2.62 45 Pn Pn 00 23 57.7 +1.6

ARA0 ARCESS Array S 2.62 45 Pn Pn 00 23 57.7 +1.6
ARA0 ARCESS Array S 2.62 45 Pn Pn 00 23 57.7 +1.6

ARA0 ARCESS Array S 2.62 45 Pn Pn 00 23 57.7 +1.6
ARA0 ARCESS Array S 2.62 45 Pn Pn 00 23 57.7 +1.6

ARA0 ARCESS Array S 2.62 45 Pn Pn 00 23 57.7 +1.6
ARA0 ARCESS Array S 2.62 45 Pn Pn 00 23 57.7 +1.6

ARA0 ARCESS Array S 2.62 45 Pn Pn 00 23 57.7 +1.6
ARA0 ARCESS Array S 2.62 45 Pn Pn 00 23 57.7 +1.6

ARA0 ARCESS Array S 2.62 45 Pn Pn 00 23 57.7 +1.6
ARA0 ARCESS Array S 2.62 45 Pn Pn 00 23 57.7 +1.6

ARA0 ARCESS Array S 2.62 45 Pn Pn 00 23 57.7 +1.6
ARA0 ARCESS Array S 2.62 45 Pn Pn 00 23 57.7 +1.6

29d 1h

Table with columns for station codes (e.g., YUK, YAG, YAK), frequencies, and signal metrics. Includes sub-sections like 'ASAJ' and 'MAJO'.

2012 FEB

Table with columns for station codes (e.g., YAK, INU, CLNS), frequencies, and signal metrics. Includes sub-sections like 'GAMB', 'KRSR', and 'WONJU'.

1626

Table with columns for station codes (e.g., RND, TOLK, SONA), frequencies, and signal metrics. Includes sub-sections like 'COLA', 'SCM', and 'HVA'.

29d 2h

comp=N,26nm,19.9s,baz=96,slow=38
FIAO FINES Array B 81.55 18 eP P 01 39 51.6 +4.6
FINAS FINES Array B 81.55 18 P P 01 39 51.6 +4.6

ISK 29 01:29:11.6,39°15'N,29°03'E,h5km,ML3.9/51
DDA 29 01:29:11.4,39°11'N,29°04'E,h2km,ML3.9
IASPEI 29 01:29:12.2,1.1,39°15'N,0.02-29°04'E,0.02,h2km,10km,

CSEM 29 01:29:12.0,2.0,1.39°15'N,29°05'E,h2km,ML3.9,Error
ellipse: s-maj=2.4km s-min=2.0km az=72.0

ISC 29 01:29:12.3,0.9,39°15'N,0.01-29°03'E,0.01,h3km,8km,
n225,1921/281,24C-12D,Turkey

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, ISC. Lists various seismic stations like SIMA, DEMI, GEDZ, etc.

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Main table listing seismic events with columns: Code, Station Name, A° AZ', Phase ID, Time Res, ISC. Includes events from DGB, BAYC, etc.

1630

Table listing seismic events for the 1630 period with columns: Code, Station Name, A° AZ', Phase ID, Time Res, ISC. Includes events from IKFM, SHGR, etc.

MEX 29 01:50:38.0,0.7,32°40'N,115°05'W,h23km,5km,MD3.7
ECX 29 01:50:39.0,0.5,32°23'N,115°29'W,h7km,MD2.7,ML2.9

ISC 29 01:50:34.1,1.1,32°40'N,0.05-114°97'W,0.04,h29km,8km,
n21,r195/23,2C-2D,Western Arizona-Sonora border

Table listing seismic events for the 1630 period with columns: Code, Station Name, A° AZ', Phase ID, Time Res, ISC. Includes events from MEX, ECX, etc.

ISC 29 01:35:21.8,1.6,32°52'N,46°94'E,h0km,mb3.6/9
mb1.3/7.10,mb1/mx3.5/6.0,mbtmp3.7/10,ML3.8/1,Error
ellipse: s-maj=33.8km s-min=17.0km az=175.0

ISC 29 02:00:34.3,0.9,25°52'N,127°04'E,h0km,mb3.9/11
mb1.4/0.12,mb1/mx3.7/7.1,mbtmp3.9/12,ML3.9/1,MS2.9/1,
Ms1.2/9.1,ms1/mx2.3/6.4,Error ellipse: s-maj=36.3km
s-min=18.5km az=100.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like Tamagusuku 2, Kume jima, Aguni-jima, Nagotoyohara, etc.

ISCJB 29 02:06:02.7.0.4, 29.54N, 0.04E, 129.93E, 0.10, h77km, 5km, mb3.3/4, Error ellipse: s-maj=14.9km s-min=4.3km az=21.5

JMA 29 02:06:03.0.2.0.1, 29.53N, 129.98E, h66km, 2km, M3.5, IDC 29 02:06:04.8.3.4, 29.53N, 129.89E, h86km, 29km, mb3.2/4, mb1.3.5.5, mb1mx3.1/71, mbtmp3.6/5, Error ellipse: s-maj=43.8km s-min=22.7km az=95.0

ISC 29 02:06:03.0.0.9, 29.53N, 0.04E, 129.95E, 0.10, h67km, 8km, n18, c1818/27, mb3.4/4, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like Nakanoshima, Takarajima, Yakushimahirau, etc.

ISCJB 29 02:09:39.6.0.4, 51.50N, 0.06E, 135E, 0.05, h10km, mb3.7/7, Error ellipse: s-maj=9.0km s-min=4.5km az=6.2

IDC 29 02:09:40.4.0.8, 51.61N, 96.14E, h0km, mb3.8/5, mb1.3.7/8, mb1mx3.3/74, mbtmp3.6/8, ML2.8/3, Error ellipse: s-maj=22.2km s-min=10.1km az=179.0

MOS 29 02:09:41.0.2.1, 51.50N, 96.15E, h18km, mb4.1/3, Error ellipse: s-maj=12.8km s-min=10.1km az=5.7

NEIC 29 02:09:42.8.2.8, 51.61N, 96.12E, h18km, 20km, mb4.5/2, Error ellipse: s-maj=10.5km s-min=5.5km az=192.0

ISC 29 02:09:42.0.6.5, 51.57N, 0.08E, 96.23E, 0.04, h10km, n54, c1819/55, mb3.8/7, 3/4, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like Khovu-Aksy, Aradan, Oriik, etc.

Table with columns: ZAK, Zakamensk, 4.61 102, ePN, Pb, 02 11 04.7 +1.6, 02 12 05.8. Includes stations like Zalesovo Array, Zalesovo Beam, etc.

ISK 29 02:13:13.8.37.42N, 37.93E, h26km, ML2.7/3, DDA 29 02:13:15.3.37.50N, 37.88E, h7km, ML2.6, CSEM 29 02:13:15.2.0.3, 37.48N, 37.93E, h10km, ML2.6, Error ellipse: s-maj=7.8km s-min=5.2km az=152.0

ISC 29 02:13:14.9.1.1, 37.48N, 0.03E, 37.91E, 0.03, h7km, 10km, n19, c0553/34, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like Gaziantep, Urfa, Kahramanmara, etc.

IDC 29 02:15:15.5.1.1, 8.57S, 80.16W, h0km, mb3.6/5, mb1.3.9/5, mb1mx3.7/39, mbtmp3.6/5, MS3.4/3, Ms1.3.4/3, ms1mx3.0/30, Error ellipse: s-maj=58.4km s-min=27.8km az=64.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like Otavalo, Cumbal, Florencia, etc.

ISC 29 02:15:21.3.1.0, 8.75S, 0.1E, 80.3W, 0.03, h39km, n19, c1919/10, mb3.7/5, Off coast of northern Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like Medeo, Saty, Matibue, etc.

29d 3h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KURS Kuram, KURS Kuram, EKPS Erkin-Say, etc.

IDC 29 02:34:49.8±2.4, 35.90N:141.07E, h0km, mb3.5/3, mb1 3.6/4, mb1mx3.3/65, mbt3.4/4, ML2.4/1, Error ellipse: s-maj=66.5km s-min=26.0km az=50.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CHOU Chosi, CHOU Chosi, JHO Hitachi, etc.

IDC 29 02:36:28.2±1.9, 1.81N:125.55E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.3/58, mbt3.5/3, Error ellipse: s-maj=172.9km s-min=24.3km az=65.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SGSI Sangihe, SGSI Sangihe, LBMI Labuha, etc.

IDC 29 02:39:23.3±0.5, 10.44S:0.06:74.79W, h0.06, h41km, mb3.8/7, Error ellipse: s-maj=8.5km s-min=8.0km az=23.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NNA Nana, NNA Nana, ATAH Athalupa, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PTGA, SDV, CPUP, etc.

MOS 29 02:39:24.4±3.0, 51.71N:96.12E, h10km, mb4.3/1, Error ellipse: s-maj=45.9km s-min=18.0km az=171.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ORL Oriik, ORL Oriik, MOY Mondy, etc.

ZALV Zalesovo Beam 7.24 292 Pn Pn 02 41 16.7 +3.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ZALV, SONM, MKAR, etc.

NIED 29 02:44:00.40±2.0N:142.50E, h44km, Mw3.8 Best double couple: M=6.18000e+14 NP1=189.00000e+322.00000e+7, 7.76.00000e- NP2=24.00000e+869.00000e+196.00000e+6

IDC 29 02:44:38.0±0.8, 40.23N:104.142E, h0.1, h59km, mb3.8/1/4, MS3.4/7, Error ellipse: s-maj=14.4km s-min=7.2km az=87.3

JMA 29 02:44:37.1±0.1, 40.25N:142.48E, h35km, 1km, M3.8, IDC 29 02:44:00.40±2.0N:142.50E, h44km, Mw3.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JTH Tanohata, JTH Tanohata, JANG Nango, etc.

IDC 29 02:46:33.8±1.2, 40.22N:105.142E, h0.09, h48km, n10km, n34, <136/33, mb3.8/1/4, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JTH Tanohata, JTH Tanohata, JANG Nango, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, FINES Finess Array B, etc.

IDC 29 02:55:42.9±1.0, 51.37N:96.08E, h0km, mb3.9/3, mb1 3.7/7, mb1mx3.3/70, mbt3.6/7, ML2.5/4, Error ellipse: s-maj=25.6km s-min=9.6km az=176.0

ISCJB 29 02:55:46.0±0.4, 51.47N:0.07:95.60E, h0.05, h10km, mb4.0/6, Error ellipse: s-maj=10.7km s-min=4.1km az=7.3

MOS 29 02:55:47.1±1.8, 51.60N:95.51E, h10km, mb4.2/3, Error ellipse: s-maj=14.8km s-min=9.3km az=19.2

NEIC 29 02:55:47.1±0.6, 51.71N:96.12E, h10km, mb4.5/2, Error ellipse: s-maj=13.5km s-min=8.0km az=188.0

ISC 29 02:55:47.8±0.6, 51.69N:0.09:95.68E, h0.05, h10km, n49, <269/50, mb4.0/6, 1C, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ARS Arshan, ARS Arshan, ARS Arshan, etc.

IDC 29 02:56:22.7±1.2, 40.22N:105.142E, h0.09, h48km, n10km, n34, <136/33, mb3.8/1/4, Near east coast of eastern Honshu

IDC 29 02:56:22.7±1.2, 40.22N:105.142E, h0.09, h48km, n10km, n34, <136/33, mb3.8/1/4, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TRG Tyrgan, TRG Tyrgan, ZAAO Zalesovo Array, etc.

IDC 29 02:56:22.7±1.2, 40.22N:105.142E, h0.09, h48km, n10km, n34, <136/33, mb3.8/1/4, Near east coast of eastern Honshu

IDC 29 02:56:22.7±1.2, 40.22N:105.142E, h0.09, h48km, n10km, n34, <136/33, mb3.8/1/4, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ZAAO Zalesovo Array, ZAAO Zalesovo Array, ZAAO Zalesovo Array, etc.

IDC 29 02:56:22.7±1.2, 40.22N:105.142E, h0.09, h48km, n10km, n34, <136/33, mb3.8/1/4, Near east coast of eastern Honshu

IDC 29 02:56:22.7±1.2, 40.22N:105.142E, h0.09, h48km, n10km, n34, <136/33, mb3.8/1/4, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ZAAO Zalesovo Array, ZAAO Zalesovo Array, ZAAO Zalesovo Array, etc.

IDC 29 02:56:22.7±1.2, 40.22N:105.142E, h0.09, h48km, n10km, n34, <136/33, mb3.8/1/4, Near east coast of eastern Honshu

IDC 29 02:56:22.7±1.2, 40.22N:105.142E, h0.09, h48km, n10km, n34, <136/33, mb3.8/1/4, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ZAAO Zalesovo Array, ZAAO Zalesovo Array, ZAAO Zalesovo Array, etc.

IDC 29 03:11:39.6±3.2, 18.57S:175.31W, h135km, 41km, NC204 NORARS Array S

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h m s, ISC, Az, El, Op, Phase ID, ISC, Time, Res, h m s, ISC. Includes stations like INK, SCHO, H1N3, H1N2, H1N1, H1S1, H1S2, H1S3.

ISC/JB 29 05:08:58.6:0.5, 24.69N:0.03:122.61E:0.02, h4km, 3km, Error ellipse: s-maj=4.7km s-min=2.8km az=23.0
TAP 29 05:08:59.3, 24.69N:122.49E, h2km, ML3.4, C
JMA 29 05:08:59.6, 24.69N:122.59E, h23km, 2km, M2.2
ISC 29 05:08:59.3:1.0, 24.66N:0.03:122.55E:0.02, h11km, 9km, n41, c88272, 3D, Taiwan region

Main station list table for the left column, containing station codes, names, and various parameters.

M5.4/6/15, M5.7/4.2/10
ISC/JB 29 05:10:41.1:0.7, 32.46N:0.02:47.02E:0.02, h14km, 4km, mb4.8/173, MS3.6/27, Error ellipse: s-maj=3.6km s-min=2.2km az=16.3
CSEM 29 05:10:42.3:0.1, 32.47N:47.04E, h10km, mb4.8/88, Error ellipse: s-maj=3.2km s-min=2.2km az=14.0
TEH 29 05:10:43.0, 32.46N:46.93E, h5km, ML4.7
OMAN 29 05:10:43.3:5.3, 32.26N:47.03E, h10km, Error ellipse: s-maj=5.3km s-min=1.5km az=235.0
MOS 29 05:10:43.2:1.0, 32.54N:47.02E, h27km, mb5.0/68, Error ellipse: s-maj=5.4km s-min=3.4km az=108.2
NEIC 29 05:10:43.0:0.0, 32.46N:46.93E, h5km, mb4.9/60, MNA.7(TEH), After TEH
THR 29 05:10:44.6:0.4, 32.63N:47.06E, h14km, 3km, ML4.4
ISN 29 05:10:45.3:2.8, 32.76N:46.81E, h15km, ML4.4
IDC 29 05:10:46.8:2.2, 32.62N:47.05E, h38km, 18km, mb4.4/41, mb1.4/4/49, mb1mx4.3/69, mbtmp4.5/49, ML3.8/7, MS3.6/30, Ms1.3/6.30, ms1mx3.4/64, Error ellipse: s-maj=13.7km s-min=8.6km az=169.0
DSN 29 05:10:52.0:1.4, 32.32N:48.07E, h10km, mb4.7/1, Error ellipse: s-maj=24.8km s-min=12.5km az=59.0
ISC 29 05:10:45.0:1.0, 32.46N:0.03:47.08E:0.03, h29km, 6km, n745, c1937793, mb4.8/175, MS3.6/23, 3C2-21D, Iran-Iraq border region

Main station list table for the middle column, containing station codes, names, and various parameters.

Main station list table for the right column, containing station codes, names, and various parameters.

29d 5h

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like SHAO, KBL, KBL, KBL, ANOYIA, etc.

2012 FEB

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like KK04, KK02, KK02, KK02, KK31, etc.

1636

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like KSH, LVV, UZH, UZH, OTUK, etc.

29d 5h

Table of astronomical observations for 29 days and 5 hours. Columns include station name, station ID, elevation, frequency, polarization, and other parameters. Stations listed include DBIC, KIC, TIC, LIC, TXI, etc.

2012 FEB

Table of astronomical observations for 2012 February. Columns include station name, station ID, elevation, frequency, polarization, and other parameters. Stations listed include FILIN, DLBC, ULM, LAO, etc.

1638

Table of astronomical observations for 1638. Columns include station name, station ID, elevation, frequency, polarization, and other parameters. Stations listed include DALN, DALK, DALS, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GERE5, BR101, BRTR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Y14A, R11A, BMN, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MKAR, KURK, KURBS, etc.

CSEM 29.05:44.09.6.0.1, 4.4:94N:7.18E, h5km, ML3.2/32. Error ellipse: s-maj=2.4km s-min=1.9km az=66.0 ROM 29.05:44.09.6.0.1, 4.4:95N:7.12E, h11km, M2.7/25. Error ellipse: s-maj=1.0km s-min=0.7km az=92.0 STR 29.05:44.10.7.0.1, 4.4:85N:0.01:7.22E:0.02, h5km, ML3.1/13 LGE 29.05:44.10.1.44:96N:7.13E, h11km, ML2.7 LDG 29.05:44.10.5.0.1, 4.4:95N:18E, h10km, Mds3.1/7, M13.3/28. Error ellipse: s-maj=2.8km s-min=2.1km az=85.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IKP, SWSC, GLA, ZAX, SPIG, etc.

IDC 29 05:59:13.8±2.1, 9.86S, 113.77E, h0km, mb3.6/5, mb1.3/8.5, mb1mx3.4/57, mbtmp3.7/5, Error ellipse: s-maj=104.0km s-min=20.0km az=52.0

DJA 29 05:59:20.0±0.5, 10°S, 111°44'E, h10km, M3.9/12, ML3.9/12

IDC 29 05:59:15.5±2.0, 9.76S, 113.90E, 0.04, h12km, 13km, n16, 177/23, mb3.8/5, South of Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JAGI, GMJI, IGBI, etc.

IDC 29 06:05:10.4±2.7, 5.426N, 87.44E, h0km, mb1.3/0.3, mb1mx2.8/70, mbtmp3.0/3, ML2.7/3, Error ellipse: s-maj=22.6km s-min=16.0km az=63.0, Southwestern 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: MKAR, BVAR, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MKAR, BVAR, etc.

CSEM 29 06:19:01.9±0.5, 50°11'N, 19°09'E, h1km, Error ellipse: s-maj=12.0km s-min=8.3km az=2.0

PRU 29 06:19:02.1±0.5, 15°15'N, 19°12'E, h0km, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like OJC, OJC, OJC, etc.

CSEM 29 06:20:02.5±0.6, 49°86'N, 18°52'E, h1km, Error ellipse: s-maj=15.0km s-min=4.9km az=28.0

PRU 29 06:20:03.1±0.3, 49°87'N, 18°51'E, h0km, 1D, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like OKC, OKC, OKC, etc.

ISN 29 06:33:37.6±1.0, 32°42'N, 46°90'E, h0km, 3km, ML3.4

CSEM 29 06:33:39.5±0.3, 32°35'N, 46°92'E, h10km, ML3.4, Error ellipse: s-maj=9.1km s-min=6.4km az=3.0

TEH 29 06:33:39.3, 32°43'N, 46°90'E, h5km, ML3.4

ISCBJ 29 06:33:40.0±0.6, 32°38'N, 0°46'91"E, 0.06, h20km, Error ellipse: s-maj=7.4km s-min=5.4km az=38.1

ISC 29 06:33:40.5±1.1, 32°41'N, 0°05'46'90"E, 0.05, h20km, n15, 15/19, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IKFM, IKFM, NSR, NSR, etc.

MEX 29 06:34:26.6±0.7, 17°22'N, 100°03'W, h30km, 17km, MD3.5, Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CAIG, CAIG, ACAP, ACAP, etc.

ISCJB 29 06:44:25.7±0.6, 12°1'N, 142°21'E, 0.08, h42km, mb4.0/14, MS2.8/2, Error ellipse: s-maj=16.8km s-min=9.2km az=151.9

IDC 29 06:44:31.0±2.4, 12°07'N, 142°45'E, h80km, 24km, mb3.7/14, mb1.3/9.15, mb1mx3.6/58, mbtmp4.0/15, MS2.9/2, Ms1.2/9.2, ms1mx2.5/58, Error ellipse: s-maj=22.2km s-min=15.5km az=114.0

ISC 29 06:44:27.3±0.8, 12°1'N, 142°3E, 0.1, h42km, n17, 17/25, 14, 2, 14, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUMO, GUMO, JNU, JNU, etc.

Table with columns: CMAR, PETK, SONM, MKAR, ZALV, KURBB, BVAR, ILAR, YKA, ARCES, NVAR, FINES, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, PETK, SONM, etc.

ISCJB 29 06:55:23.1±1.3, 0°90'S, 0°08'126"85E, 0.06, h10km, mb3.5/2, Error ellipse: s-maj=13.4km s-min=5.7km az=145.0

DJA 29 06:55:23.7±0.4, 1°S, 3°12'7"E, h10km, M3.5/5, MLV3.5/5

IDC 29 06:55:26.8, 1.6, 1.67S, 126.98E, h0km, mb3.2/4, mb1.3/6.4, mb1mx3.4/52, mbtmp3.4/4, ML3.5/2, MS2.4/1, Ms1.2/4.1, ms1mx2.2/26, Error ellipse: s-maj=34.9km s-min=26.7km az=59.0

ISC 29 06:55:21.5±1.8, 0°95'N, 1°126'74E, 0.08, h10km, n10, 23/12, Southern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LBMI, LBMI, SANI, SANI, etc.

DDA 29 06:58:08.7, 38°82'N, 43°64'E, h7km, Md2.7

ISCJB 29 06:58:09.8, 1.1, 38°79'N, 0°44'36"E, 0.09, h13km, Error ellipse: s-maj=10.2km s-min=5.2km az=173.6

CSEM 29 06:58:10.1±0.9, 38°74'N, 43°59'E, h10km, ML2.9, Error ellipse: s-maj=26.4km s-min=11.1km az=72.0

ISK 29 06:58:10.6, 38°65'N, 43°09'E, h0km, ML2.9/3

ISC 29 06:58:10.9±1.1, 38°76'N, 0°44'34"E, 0.07, h13km, n17, 18/20, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like VANB, VANB, VANB, etc.

IDC 29 07:04:30.1±1.9, 51°19'N, 81°77'E, h0km, mb1.1/9.3, mb1mx1.9/66, mbtmp1.9/3, ML1.8/3, Error ellipse: s-maj=20.8km s-min=15.5km az=28.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KURBB, KURBB, ZALV, ZALV, etc.

IDC 29 07:05:00.0±0.4, 12°54'S, 166°79'E, h0km, mb4.9/27, mb1.5/29, mb1mx4.9/44, mbtmp4.9/29, ML2.6/1, MS4.1/28, Ms1.4/128, ms1mx4.0/44, Error ellipse: s-maj=14.2km s-min=12.3km az=100.0

ISCJB 29 07:05:08.5±0.1, 12°58'S, 0°03'166"45E, 0.03, h59km, mb5.1/48, MS4.2/33, Error ellipse: s-maj=4.0km s-min=3.6km az=20.4

MOS 29 07:05:10.2±1.1, 12°46'S, 166°41'E, h75km, mb5.2/73, Error ellipse: s-maj=9.3km s-min=8.3km az=14.0

GCMT 29 07:05:12.1±0.2, 12°64'S, 166°23'E, h48km, MW5.1/76, Moment Tensor Solution, 876, c95, s67, c86, Duration: 0 Moment tensor: Scale 15NM; Mw=5.14; M0=0.17; 13; M0=4.73; 12; M0=0.35; 11; M0=0.97; 13; Mw=1.24; 12; Best double couple: M4.910000*1016 NP1=348.00000*, 853.00000*, 1.88.00000*. Principal axes: T 4.7330, Plg82.0000*, Azm249.0000*, P -0.3580, Plg1.0000*, Azm349.0000*, P -0.0860, Plg8.0000*, Azm79.0000*, nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s

WEL 29 07:05:12.0±1.0, 12°54'S, 166°49'E, h81km

NEIC 29 07:05:12.1±0.8, 12°54'S, 166°49'E, h81km, 7km, mb5.1/82, Error ellipse: s-maj=5.1km s-min=4.1km az=162.0

BJJ 29 07:05:13.2±1.1, 11°7'S, 166°56'E, h78km, mb5.3/60, MB5.2/38, Ms5.1/21, Ms7.4/8/19

ISC 29 07:05:09.4±0.3, 12°55'S, 0°05'166"54E, 0.05, h59km, n385, 15/10, 396, mb5.1/48, MS4.2/34, 11C-1D, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HNR, HNR, HNR, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other technical details for stations 1643.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other technical details for stations 2012 FEB.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other technical details for stations 29d 7h.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like GTA, WRA, WMO, WMQ, MKR, etc.

SJA 29 08:06:35.9-0.6, 31.275:68.32W, h97km, 3km, ML3.3, MW3.6, 1D, San Juan Province

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like RTLL, ZON, RVC, etc.

ICD 29 08:08:09.0-1.6, 11.175:114.22E, h0km, mb3.9/5, mb1 4.2/6, mb1mx3.7/57, mbtmp4.1/6, ML4.3/1, Error ellipse: s-maj=74.1km s-min=19.4km az=44.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like AAGR, AAGP, etc.

ICD 29 08:08:13.8-1.0, 11.038S:0108.114:35E, h0, h33km, mb4.0/5, Error ellipse: s-maj=8.6km s-min=5.6km az=146.9

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like IGBI, DNP, JAGI, etc.

ICD 29 08:09:50.2-2.9, 54.39N:86.94E, h0km, mb1 3.0/3, mb1mx2.8/7.1, mbtmp3.0/3, ML2.9/1, Error ellipse: s-maj=28.9km s-min=16.9km az=58.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like I46RU, ZALV, etc.

ICD 29 08:24:40.5-1.3, 12.16N:86.10W, h0km, mb3.2/3, mb1 3.6/4, mb1mx3.4/4.1, mbtmp3.2/4, ML3.1/1, Error ellipse: s-maj=136.3km s-min=14.2km az=59.0, Nicaragua

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like JTS, TXAR, etc.

NNC 29 08:25:33.2-1.1, 51.51N:75.12E, h0km, mb3.0, mpv2.6, Error ellipse: s-maj=29.2km s-min=7.4km az=23.0, Suspected Mining explosion.

ICD 29 08:25:37.0-1.1, 51.51N:75.71E, h0km, mb1 2.4/4, mb1mx2.4/6.2, mbtmp2.4/4, ML2.0/4, 7C, Error ellipse: s-maj=30.4km s-min=8.3km az=31.0, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like KURBB, KURK, etc.

ICD 29 08:42:39.9-0.60, 0, 13.45S:166.42E, h0km, mb4.1/3, mb1 4.3/3, mb1mx3.7/47, mbtmp4.1/3, Error ellipse: s-maj=1005.0km s-min=108.7km az=63.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like STKA, WRA, etc.

ICD 29 08:57:07.2-5.3, 0, 19.89S:68.78E, h0km, mb4.0/3, mb1 4.3/3, mb1mx3.5/7.2, mbtmp4.0/3, MS3.4/1, M1s1 3.4/1, ms1mx2.9/5/3, Error ellipse: s-maj=1265.0km s-min=51.2km az=78.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like H0S1, H0S2, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like ASAR, WRA.

ICD 29 08:57:10.3-3.4, 53.33N:88.98E, h0km, mb1 2.9/3, mb1mx2.7/7.6, mbtmp2.9/3, ML2.2/3, Error ellipse: s-maj=32.2km s-min=18.0km az=72.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like I46RU, ZALV, etc.

NIED 29 09:00:00.37:30N:141.70E, h41km, Mw5.4 Best double couple: M1:36000:1017 NP1:199.00000: 823.00000, 1.95.00000. NP2:14.00000: 867.00000: 1.88.00000. BUJ 29 09:00:00.7, 37.21N:141.74E, h37km, mb5.3/85, mb5.2/58, Ms5.1/93, Ms7.5/0/4

MOS 29 09:00:01.6, 0.9, 37.34N:141.62E, h29km, mb5.5/91, MS5.0/31, Error ellipse: s-maj=5.6km s-min=3.5km az=102.5

JMA 29 09:00:03.0, 4.0, 1.37:29N:141.68E, h44km:0.2km, M5.4 JMA Fell IV J1. ISCJB 29 09:00:04.1, 0.3, 37.27N:141.58E:0.02, h49km:2km, mb5.2/277, MS4.8/91, Error ellipse: s-maj=2.9km s-min=2.1km az=143.6

ICD 29 09:00:05.2-1.4, 37.29N:141.65E, h47km:13km, mb4.8/60, mb1 4.9/67, mb1mx4.8/81, mbtmp5.1/67, ML4.5/7, MS4.7/59, Ms1.4/759, ms1mx4.7/63, Error ellipse: s-maj=9.6km s-min=7.3km az=99.0

GCMT 29 09:00:05.4, 0.1, 37.30N:141.77E, h40km, MW5.4/124, Moment Tensor Solution. s91,c176; s12,c228; Duration: 1s2 Moment tensor: Scale 10^17Nm; Mn:1.29; 0.2; M0:0.09; 0.2; Mb:1.20; 0.2; Mw:0.07; 0.2; Mm:0.35; 0.1; Mv:0.93; 0.2; Best double couple: M1:39000:1017 NP1:199.00000: 823.00000, 1.84.00000. NP2:14.00000: 867.00000: 1.88.00000. Principal axes: T 1.6030, P10.0000, Azm265.0000; N -0.0090, Plg6.0000, Azm12.0000; S -1.5950, Plg18.0000, Azm10.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 29 09:00:05.4, 0.4, 0.4, 37.31N:141.51E, h45km:3km, mb5.2/116 Error ellipse: s-maj=3.2km s-min=2.2km az=139.0

NEIC Fell [II] at Tokyo and [II] at Yokosuka. Felt in much of eastern Honshu. Recorded 4 JMA in Fukushima. ICD 29 09:00:03.8-0.2, 37.26N:141.73E:0.03, h39km:1km, h39km:1km, p-n1183, r1548/1305, mb5.3/302, MS4.9/92, 87C-59D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like JFK, ONAJ, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like JMM, JMO, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like JHO, JFT, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like JIO, JOU, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like JSB, JFY, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like JMS, JMK, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like JJK, JAG, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like JHT, JYA, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like JOM, JAW, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like JRG, JMY, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like JIZ, JYK, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like JGW, JJB, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like JRY, JJK, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like JSD, MJAR, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like MJAR, MJAR, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like MAJO, MAJO, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like MAT, MAT, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like JNG, JAH, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like JNY, JGN, etc.

29d 9h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CD2, MOY, MOY, GTA, etc.

2012 FEB

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NVS, NVS, NVS, NVS, NVS, etc.

1648

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like AAA, AAA, AAA, AAA, COLA, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like SRBI Singaraja, EGAK Eagle, MNAS Manas, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like DZM Mont Dzumac, DZM Mont Dzumac, YKA Yellowknife Arr, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like KIV Kislovodsk, F10A Beach Ranch, WSAR Wadi Sarin, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like LPIG, T36A, S37A, WMOK, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like V47A, MCWV, W48A, KEST, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like DUNU, MASU, MASU, etc.

ISCJB 29 09:07:52.0, 3.67, 16N, 02:02:59E, 0.07, h0km, Error ellipse: s-maj=3.9km s-min=2.7km az=174.6 CSEM 29 09:07:53.0, 2.07, 16N, 20:69E, h2km, ML2.3, Error ellipse: s-maj=4.8km s-min=3.4km az=80.0, Mining explosion. UPP 29 09:07:53.4, 67:19N, 20:66E, h0km, ML2.3, Suspected Mining explosion. NAO 29 09:07:53.5, 1.0, 67:17N, 20:76E, ML2.3 HEL 29 09:07:54.0, 0.1, 67:18N, 20:66E, h0km, ML2.0, ML2.3(UPP), Explosion. BER 29 09:07:56.2, 2.9, 67:15N, 20:76E, h0km, ML1.9, ML2.2(3VAZ), Suspected explosion. ISC 29 09:07:58.5, 0.7, 67:17N, 02:20:68E, 0.02, h0km, n76, s152/116, Sweden

IDC 29 09:11:15.8, 2.2, 36:02N, 142:10E, h0km, mb3.6/4, mb1 3.7/5, mb1mx3.4/67, mbtmp3.6/5, ML3.2/1, MS4.1/1,

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like HPIG, PLAL, X41A, X40A, W48A, W46A, SWET, TX31, TXAR, TXAR, BG3, W47A, UALR, MIAR, MIAR, X39A, CPCT, KMSC, W41B, ABTX, ABTX, W48A, X301, WHAR, TKL, TKL, W45A, W46A, W47A, W40A, W40A, W39A, W38A, WVT, WVT, W42A, W41A, U46A, U40A, U47A, U48A, V39A, U42A, U41A, U40A, T47A, T46A, U39A, HHAR, OK022, WMOK, WMOK, OK020, OK021, TUL1, TUL1, T43A, T42A, T41A, T40A, S48A, S46A, T39A, S43A, S44A, BLA, T38A, S41A, MNXT, MNXT, S40A, S42A, T37A, R46A, WCI, WCI, MSTX, MSTX, R47A, R45A, T36A, S39A, CCM, CCM, T35A.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like S38A, R43A, AMTX, R41A, S37A, S36A, R39A, Q45A, R38A, Q47A, Q44A, S35A, Q42A, Q41A, PTRD, R36A, CBN, Q39A, Q38A, P42A, R34A, P41A, P39B, 121A, Q36A, Q35A, Q44A, Q47A, P38A, Q45A, Q41A, Q34A, P37A, SFIN, KSU1, PTGA, P36A, P35A, SDMD, N46A, P34A, ANMO, N40A, N37A, O34A, PAGS, O33A, SSPA, SSPA, M40A, TUC, N35A, M38A, N34A, L42A, M54A, K50A, M35A, N59A, N59A, SDCO, SDCO, ERPA, ERPA, K42A, W18A, W18A, K39A, S22A, S22A, K37A, J41A, L32A, X16A, X16A, J39A, BINY, J38A, MVCO, MVCO, J37A, J37A, I43A, J36A, I39A.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like I41A, WUAZ, WUAZ, LPAZ, PV01, I37A, H42A, H40A, ECSD, ECSD, GLMI, PV10, H39A, H38A, PV09, H36A, G39A, H34A, SPMN, H32A, F41A, O20A, O20A, F44A, F39A, G33A, SRU, F38A, LONY, LONY, F36A, E43A, E42A, P18A, G32A, E41A, E39A, E40A, P17A, SZCU, TMUT, F33A, E36A, BBRC, E34A, MPU, D36A, D33A, CTU, C35A, C34A, PD31, PD31, PDAR, PDAR, PDAR, B35A, C31A, B34A, AGMN, AGMN, AHID, B32A, B31A, REDW, SNOW, A33A, A32A, MOOW, NV01, NVAR, NVAR, ULM, ULM, HLID, WCMR, YBH, RPN, D08A, E07A, SCHQ, SCHQ, SCHQ, YKA, YKA.

MKAR Makanchi Array 53.94 344 P P 11 06 10.7 +0.5
ZALV Zalesovo Beam 60.00 349 P P 11 06 52.0 -0.8
TXAR Lajitas Array 145.73 41 PKPbc PKPbc 11 16 26.4 +0.3

ISC/JB 29 11:02:48.2 0.3, 6.37N:0.03:73.60W:0.03, h128km, 3km,
mb3.5/9, Error ellipse: s-maj=6.4km s-min=4.8km az=43.8
IDC 29 11:02:49.5 0.7, 6.37N:73.50W, h131km, 9km, mb3.5/9,
mb1 3.7/12, mb1mx3.5/45, mbtmp4.0/12, MS4.1/1,
Ms1 4.1/1, ms1mx2.6/32, Error ellipse: s-maj=21.2km
s-min=2.7km az=134.0

RSNC 29 11:02:50.5 0.8, 6.33N:73.62W, h110km, 5km, ML3.8
ISC 29 11:02:48.8 0.7, 6.36N:0.04:73.56W:0.04, h121km, 5km,
n37, o1567/49, mb3.6/10, 1D, Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BARC Barichara, RUSC La Rusia, BARRC Barranca, etc.

CSEM 29 11:03:02.9 1.2, 38.94N:43.63E, h5km, MD2.5, Error
ellipse: s-maj=22.7km s-min=9.8km az=83.0
ISK 29 11:03:03.7, 38.92N:43.37E, h5km, ML2.5/3
DDA 29 11:03:04.4, 38.96N:43.54E, h7km, MD2.5
ISC 29 11:03:03.0 2.1, 38.94N:0.04:43.7E:0.1, h25km, 12km,
n14, o6960/24, Turkey

baz=225,slow=13,SNR=5.1
H0S83 Diego Garcia H 26.32 230 T T 11 37 37.0
H0S82 Diego Garcia H 26.32 230 T T 11 37 30.7
H0S81 Diego Garcia H 26.32 230 T T 11 37 32.2
WRA Warramunga Arr 50.74 126 P P 11 12 51.5 -0.2
ASAR Alice Springs 52.43 130 P P 11 13 04.3 0.0

MEX 29 11:06:16.6 0.9, 16.89N:94.74W, h113km, 27km, MD3.7,
ID, Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TGIG Huatulco, HUIG Huatulco, PCIG Huatulco, VHO Vista Hermosa.

ISC/JB 29 11:07:37.5 0.3, 22.67N:0.02:121.44E:0.02, h25km, 2km,
Error ellipse: s-maj=2.7km s-min=2.5km az=150.9
TAP 29 11:07:38.9, 22.71N:121.22E, h32km, ML3.8/9,
JMA 29 11:07:38.0 2.2, 23.03N:121.38E, h0km, ML3.8
ISC 29 11:07:38.1 0.9, 22.69N:0.02:121.39E:0.02, h31km, 7km,
n102, o0919/73, 10C-11D, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TTN Taitung, TWGT Beinan, TWG Pinlang, CHKT Chengkung, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TAI1 Yung-k'ang, CHN2 Minshung, CHN2 Shuifeng, etc.

29d 11h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kuangyinshan, YM04, YM07, HATJ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Santiao Chiao, Shuangxi, Wufen Shan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Chiang Mai Arr, Songoing Array, Makanochi Array, etc.

ISCJB 29 11:22:29.9, 1.5, 29.48S, 0.03:71.1W, 0.2, h102km, 8km, Error ellipse: s-maj=25.8km s-min=5.7km az=177.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Las Campanas, Tololo Observa, Vallenar, etc.

DDA 29 11:26:40.6, 38.73N, 30.38E, h7km, M1.2 ISK 29 11:26:41.9, 38.72N, 30.55E, h8km, M2.6/6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Suhut-Afyon, Bolvadin, AFYON_Kizoren, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Zalesovo Beam, Zalesovo Infra, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZALV, KURBB, MKAR, etc.

NIED 29 11:31:00, 39.60N, 143.60E, h17km, Mw4.5 Best double couple: M=6.84000x10^15 NP1=203.00000, 328.00000, 1.85, 0.00000

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Tanohata, Miyakonagasawa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Nango, Ohasama, Ichinoseki, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Erimo, Kaneyama, Ohata, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Tuman, Lagr, Yuzh-Kuril'sk, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Shikotan, Matsuhiro, Matsu-Tunnel, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Matsu-Tunnel, Kuril'sk, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Inuyama, Yuzh-Sakhalins, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Tereh, Ussuriysk Arr, Tymoyskoe, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Gornyy, Korea Array, Korea Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Chanchchur, Dalian, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Zeya, Magadan, Beijing, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Bajitua, Baijituau, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Chul'man, Nanjing, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Yekutsk, Yekutsk, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Yekutsk, Chita, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HHC, WHN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BOD, ULN, etc.

29d 11h

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like RAYN Ar Rayn, KHC Kasperke Hory, EKA Eskdalemuir Ar, GERES GERES Array B, GEA0 Vitosha, VTS Vitosha, KBA Koelnbreinspre, TXAR Lajitas Array, LPAZ La Paz.

IDC 29 11:36:29.3±0.4, 49.29N; 156.14E, h0km, mb5.0/48, mb1 5.1/53, mb1mx4.9/79, mbimp5.0/53, ML4.2/4, MS4.5/37, Ms1 4.5/37, ms1mx4.3/56, Error ellipse: s-maj=11.0km s-min=9.5km az=153.0

KRSC 29 11:36:31.1±2.3, 49.05N; 156.64E, h81km, mb5.4/54, ISCJB 29 11:36:32.7±0.4, 49.15N; 0.02:156.28E; 0.02, h38km, mb5.7/4, MS4.7/59, Error ellipse: s-maj=3.7km s-min=1.9km az=159.4

BJJ 29 11:36:32.1, 49.30N; 156.12E, h34km, mb5.1/72, mb5.1/51, Ms5.1/64, Ms7.0/62

SKHL 29 11:36:32.9±0.2, 49.03N; 156.49E, h49km, mb5.7/1, Ms5.0/6

MOS 29 11:36:33.1±0.9, 49.20N; 156.18E, h39km, mb5.2/71, MS4.8/25, Error ellipse: s-maj=5.6km s-min=2.8km az=82.0

GCMT 29 11:36:35.6±0.2, 49.16N; 156.51E, h26km, MW5.1/101, Moment Tensor Solution. s67;c107; s101;c159, Duration: 0 Moment tensor: Scale: 1015Nm, M14.95±16; M11.19±10; M33.00±10; M11.98±21; M11.21±16; 07; M13.12±20; Best double couple: M:6.08100; 1016 NP1.35±0.0000; 864.00000; 1.87.00000; NP2: 0±221.00000; 826.00000; 1.96.00000; Principal axes: T 6.2160, Plg71.0000; Azm298.0000; N -0.2690, Plg3.0000; Azm36.0000; P -5.9470, Plg19.0000; Azm127.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 29 11:36:35.6±0.5, 49.26N; 156.10E, h42km, mb5.1/134, Error ellipse: s-maj=3.9km s-min=2.2km az=160.0

ISC 29 11:36:34.7±0.3, 49.17N; 0.04:156.29E; 0.03, h40km, mb5.1/140, MS4.8/59, Error ellipse: s-maj=3.7km s-min=1.9km az=159.4

Main table with columns: Code, Station Name, Az, El, P, S, Res. Lists various seismic stations and their associated data points.

2012 FEB

Main table with columns: Code, Station Name, Az, El, P, S, Res. Lists various seismic stations and their associated data points.

1660

Main table with columns: Code, Station Name, Az, El, P, S, Res. Lists various seismic stations and their associated data points.

Table with columns: ID, Name, Value, Unit, Status, Date, Value, Unit, Status, Date. Includes entries like PV10 Paradox Valley, E31A Nome, D32A Dogwood Acres, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Value, Unit, Status, Date. Includes entries like HYB Hyderabad, HYB Maiden Rock, H38A Seneca 1, Swea, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Value, Unit, Status, Date. Includes entries like GNI Garni, GNI Garni, GNI Garni, etc.

29d 11h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like S42A Caledonia, DPC Dobruska-Polom, R43A Red Bud, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like WHAR Woolly Hollow, MLR Muntele Rosu, TREC Trest, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ANTO Anka, OXF Oxford, BRU3 Keskin MP Arra, etc.

1665

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various station identifiers. Includes stations like SENIN, TITG, TIA, LIA, OIA, etc.

JMA 29 11:39:29.50.1, 241.36N, 121.81E, h53km, 2km, M2.8
ISCJB 29 11:39:30.4.0.3, 241.42N, 121.87E, 0.02, h53km, 3km,
Error ellipse: s-maj=3.0km s-min=2.1km az=142.3

TAP 29 11:39:30.2, 24.42N, 121.81E, h53km, ML3.5, C
ISC 29 11:39:30.9, 1.2, 24.41N, 121.86E, 0.02, h49km, 5km,
n73, c1505/139, Taiwan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various station identifiers. Includes stations like ENAH, ENA, ENA, etc.

2012 FEB

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various station identifiers. Includes stations like TWE, ILA, ILA, TWD, etc.

29d 11h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various station identifiers. Includes stations like ELDTW, CHN2, CHN4, etc.

ISCJB 29 11:39:30.9, 0.4, 63.16N, 0.02, 27.68E, 0.07, h0km, Error
ellipse: s-maj=4.4km s-min=2.8km az=15.3
HEL 29 11:39:32.9, 0.1, 63.14N, 27.73E, h0km, ML1.9, Explosion
CSEM 29 11:39:32.9, 63.14N, 27.73E, h0km, ML1.9, Mining
explosion.

IDC 29 11:39:32.9, 1.8, 63.02N, 28.15E, h0km, mb1.3/1.3,
mb1mx2.9/7.1, mbmt3.0/3, ML2.6/3, Error ellipse:
s-maj=26.7km s-min=7.7km az=105.0

ISC 29 11:39:32.7, 0.8, 63.08N, 27.03, 27.73E, 0.03, h0km, n42,
c1910/69, Finland

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various station identifiers. Includes stations like Code, Station Name, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes stations like BVAR Borovoye Array, BRVK Borovoye, KDJ Kajisay, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes stations like KBZ Khabaz, KIV Kislovodsk, KEY Neytrino, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes stations like TRF Thorofare Moun, KTH Khotishna Hill, MCK McKinley, etc.

ISC/JB 29 12:04:13.3:0.8,61.20N:0.06:14.2E:0.1,h0km,Error ellipse: s-maj=10.0km s-min=6.1km az=145.9

CSEM 29 12:04:14.9,61.15N:14.34E,h0km,ML0.9,Mining explosion.

UPP 29 12:04:14.9,61.15N:14.34E,h0km,ML0.9,Mining explosion.

IDC 29 12:04:15.4:1.1,61.03N:14.36E,h0km,mb1 3.6/2,mb1mx3.1/77,mbmp3.4/2,ML3.0/2,Error ellipse: s-maj=10.6km s-min=9.8km az=3.0

ISC 29 12:04:13.5:1.0,61.13N:0.05:14.31E:0.05,h0km,m13,c237/14,Sweden

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes stations like ROTU Roteberg, FATU Falun, HFS Hagfors, etc.

ISC 29 12:06:42.8:0.6,63.59N:0.04:149.95W:0.04,h141km,5km,m121,c0911/130,mb3.9/18,Central Alaska

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes stations like YKBS Yellowknife Arr, RES Resolute Bay, RES Resolute Bay, etc.

Table with columns: ILAR, Eielson Array, 24.43 45 P, P, 13 28 53.4 -0.6, etc.

Table with columns: AKASG, Malin Array Be, 22.42 330 P, P, 13 08 13.0 -1.8, etc.

Table with columns: LRK, GLBA, Ciliabab, 5.18 294 U, S, 13 25 08.7 -0.2, etc.

IDC 29 12:40:04.6:9.1, 16:50S-177.42W, h0km, mb3.5/3, mb1 3.8/3, mb1mx3.4/50, mbtmp3.5/3, Error ellipse: s-maj=404.7km s-min=41.2km az=141.0, Fiji Islands region

IDC 29 13:10:49.3:1.4, 51:29N:96:16E, h0km, mb1 2.8/3, mb1mx2.6/7.1, mbtmp2.3/3, ML2.3/3, Error ellipse: s-maj=41.1km s-min=12.4km az=179.0, Southwestern Siberia

IDC 29 13:10:49.3:1.4, 51:29N:96:16E, h0km, mb1 2.8/3, mb1mx2.6/7.1, mbtmp2.3/3, ML2.3/3, Error ellipse: s-maj=41.1km s-min=12.4km az=179.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AZ, Phase, ID, ISC, Time, Res, WRA, Warramunga Arr, 45.83 258 Op, P, 12 48 29.0 +0.2, etc.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, ISC, Time, Res, TLY, Talaya, 4.70 82 P, P, 13 12 12.1 -0.4, etc.

Table with columns: GNI, Garni, 8.14 293 Pn, Pn, 13 24 53.9 +1.0, etc.

IDC 29 12:41:41.4:1.3, 5:45N:125:02E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.1/69, mbtmp3.3/3, MS3.2/1, Ms1 3.2/1, ms1mx2.4/27, Error ellipse: s-maj=48.5km s-min=19.2km az=87.0

IDC 29 13:22:51.7:1.1, 37:10N:54:28E, h0km, mb3.8/13, mb1 4.0/22, mb1mx3.9/68, mbtmp3.9/22, ML3.6/8, MS3.1/11, Ms1 3.1/11, ms1mx2.8/60, Error ellipse: s-maj=22.5km s-min=10.0km az=0.0

IDC 29 13:22:51.7:1.1, 37:10N:54:28E, h0km, mb3.8/13, mb1 4.0/22, mb1mx3.9/68, mbtmp3.9/22, ML3.6/8, MS3.1/11, Ms1 3.1/11, ms1mx2.8/60, Error ellipse: s-maj=22.5km s-min=10.0km az=0.0

ISCJBJ 29 12:41:44.2:1.0, 5:43N:0:06x124:9E:0:2, h33km, mb3.1/3, MS3.2/1, Error ellipse: s-maj=28.6km s-min=7.9km az=3.9

NEIC 29 13:22:54.2:0.3, 37:23N:54:47E, h10km, mb4.1/12, MN4.5(TEH), Error ellipse: s-maj=7.0km s-min=5.0km az=133.0

NEIC 29 13:22:54.2:0.3, 37:23N:54:47E, h10km, mb4.1/12, MN4.5(TEH), Error ellipse: s-maj=7.0km s-min=5.0km az=133.0

Table with columns: Code, Station Name, Az, AZ, Phase, ID, ISC, Time, Res, GSPH, General Santos, 0.59 1 UjP, S, 12 41 57.7 -0.7, etc.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, ISC, Time, Res, IMND, Minoodasht, 0.71 95 eP, S, 13 23 11.3 +0.7, etc.

Table with columns: GOF, Gofitskoye, 11.59 315f, S, 13 25 38.6 -1.3, etc.

IDC 29 13:03:15.2:1.7, 32:59N:46:96E, h0km, mb3.7/9, mb1 3.6/11, mb1mx3.4/62, mbtmp3.6/11, ML3.1/2, MS3.5/2, Ms1 3.5/2, ms1mx2.5/58, Error ellipse: s-maj=38.4km s-min=18.1km az=163.0

ISCJBJ 29 13:03:16.0:4.0, 32:46N:0:04:46:92E:0:04, h20km, mb3.6/9, MS3.4/2, Error ellipse: s-maj=6.4km s-min=4.7km az=179.9

ISCJBJ 29 13:03:16.0:4.0, 32:46N:0:04:46:92E:0:04, h20km, mb3.6/9, MS3.4/2, Error ellipse: s-maj=6.4km s-min=4.7km az=179.9

ISN 29 13:03:15.1:0.6, 32:44N:46:88E, h0km, mb3.7/9, CSEM 29 13:03:16.0:3.0, 32:45N:46:93E, h10km, ML3.7, Error ellipse: s-maj=8.6km s-min=6.2km az=20.0

ISHM 1.80 213 eP, S, 13 23 27.1 -0.7, etc.

ISHM 1.80 213 eP, S, 13 23 27.1 -0.7, etc.

TEH 29 13:03:17.3:3.2, 45N:46:86E, h10km, ML3.7, THR 29 13:03:20.0:0.3, 32:72N:47:20E, h14km, ML3.6

ISHM 1.80 213 eP, S, 13 23 27.1 -0.7, etc.

ISHM 1.80 213 eP, S, 13 23 27.1 -0.7, etc.

ISC 29 13:03:17.6:0.7, 32:46N:0:04:46:92E:0:04, h20km, n38, e131/45, mb3.7/9, Iran-Iraq border region

ISHM 1.80 213 eP, S, 13 23 27.1 -0.7, etc.

ISHM 1.80 213 eP, S, 13 23 27.1 -0.7, etc.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, ISC, Time, Res, NSR, Nassriya, 1.59 205 eP, S, 13 03 44.0 -0.6, etc.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, ISC, Time, Res, ISHM, Shahmirzad, 1.80 213 eP, S, 13 23 27.1 -0.7, etc.

Table with columns: AAK, Ala-Archa, 16.20 65 Pn, Pn, 13 26 43.5 +1.2, etc.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, ISC, Time, Res, KHMZ, Khomeyn, 2.85 63 eP, Pn, 13 04 02.6 +0.5, etc.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, ISC, Time, Res, CHTH, Charan, 3.07 244 eP, Pn, 13 23 44.8 +1.5, etc.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, ISC, Time, Res, KHMZ, Khomeyn, 2.85 63 eP, Pn, 13 04 02.6 +0.5, etc.

29d 13h

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like Kiev, MK01, MK02, MK03, MKR1, MKR2, MKR3, MKAR, MKAR2, MKAR3, MLR, KLMR, KLMR2, KLMR3, WMQ, WMQ2, WMQ3, KOLN, ZAAO, ZALV, ZALV2, ZALV3, DMN, PKI, GUN, JIRN, RAMN, FINES, CLL, HFS, ARCES, ZAK, ZAK2, PALK, SONM, ULN, ULN2, ULN3, CMAR, BOD, BOD2, BOD3, TOR, TOR2, TOR3, BILL, BILL2, BILL3, ILAR, CAST, YKA.

MOS 29 13:28:14.0.1.3.7.22S:106.54E,h48km,mb4.9/46, Error ellipse: s-maj=9.8km s-min=6.6km az=115.2
NEIC 29 13:28:14.9.0.5.7.29S:106.56E,h45km,mb4.8/30, Error ellipse: s-maj=8.0km s-min=3.5km az=215.0
NEIC Felt [I] at Cisarua and Tasikmalaya.
ISCJB 29 13:28:15.7.0.4.7.42S:104.106.51E.0.03,h74km,2km, mb4.7/81, Error ellipse: s-maj=8.4km s-min=3.2km az=30.1
DJA 29 13:28:15.1.0.5.8.5.3.10.6E.1.2,h22km,4km,M4.8/15, mb4.8/15,mb5.1/5,MLV5.1/7,Mw(mB)4.4/5
IDC 29 13:28:19.4.1.5.7.22S:106.66E,h80km,13km,mb4.4/32, mb1.4/32,mb1mx3.3/58,mbmtpp4.7/32,MS3.6/17, Ms1.3.6/17,ms1mx3.3/54, Error ellipse: s-maj=17.0km s-min=9.9km az=40.0
ISC 29 13:28:15.0.0.6.7.56S:105.106.49E.0.04,h52km,4km, n299,r189/304,mb4.8/80,MS3.5/17,10C-1D,Jawa

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like SKJI, CNJI, CNJ2, CNJ3, CGJI, CISI, CISI2, CISI3, LEM, LEM2, LEM3, TNG, SBJI, CMJI, JCJI, KASI, KLI, LWLI, MDSI, SMRI, UGM, UGM2, PCJI, MNAI, BLJI, PWJI, GRJI, MASi, GMJI, BLJI, PBKI, JAGI, JAGI2, TPRI, SBRI, SGBI, STKI, BKNI, SISI.

2012 FEB

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like COCO, MNSI, PLAI, GSI, GSI2, PSI, PSI2, PSI3, PSI4, PSI5, PSI6, PSI7, PSI8, PSI9, PSI10, PSI11, PSI12, PSI13, PSI14, PSI15, PSI16, PSI17, PSI18, PSI19, PSI20, PSI21, PSI22, PSI23, PSI24, PSI25, PSI26, PSI27, PSI28, PSI29, PSI30, PSI31, PSI32, PSI33, PSI34, PSI35, PSI36, PSI37, PSI38, PSI39, PSI40, PSI41, PSI42, PSI43, PSI44, PSI45, PSI46, PSI47, PSI48, PSI49, PSI50, PSI51, PSI52, PSI53, PSI54, PSI55, PSI56, PSI57, PSI58, PSI59, PSI60, PSI61, PSI62, PSI63, PSI64, PSI65, PSI66, PSI67, PSI68, PSI69, PSI70, PSI71, PSI72, PSI73, PSI74, PSI75, PSI76, PSI77, PSI78, PSI79, PSI80, PSI81, PSI82, PSI83, PSI84, PSI85, PSI86, PSI87, PSI88, PSI89, PSI90, PSI91, PSI92, PSI93, PSI94, PSI95, PSI96, PSI97, PSI98, PSI99, PSI100.

1670

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like H08N3, COEN, COEN2, COEN3, COEN4, COEN5, COEN6, COEN7, COEN8, COEN9, COEN10, COEN11, COEN12, COEN13, COEN14, COEN15, COEN16, COEN17, COEN18, COEN19, COEN20, COEN21, COEN22, COEN23, COEN24, COEN25, COEN26, COEN27, COEN28, COEN29, COEN30, COEN31, COEN32, COEN33, COEN34, COEN35, COEN36, COEN37, COEN38, COEN39, COEN40, COEN41, COEN42, COEN43, COEN44, COEN45, COEN46, COEN47, COEN48, COEN49, COEN50, COEN51, COEN52, COEN53, COEN54, COEN55, COEN56, COEN57, COEN58, COEN59, COEN60, COEN61, COEN62, COEN63, COEN64, COEN65, COEN66, COEN67, COEN68, COEN69, COEN70, COEN71, COEN72, COEN73, COEN74, COEN75, COEN76, COEN77, COEN78, COEN79, COEN80, COEN81, COEN82, COEN83, COEN84, COEN85, COEN86, COEN87, COEN88, COEN89, COEN90, COEN91, COEN92, COEN93, COEN94, COEN95, COEN96, COEN97, COEN98, COEN99, COEN100.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KURBB, KURBS, KURBK, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like PDAR, ULM, RSSD, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like TKM2, KAP5, KAPS, etc.

29d 14h

Table with columns: TLY, Talaya, SNR, 31.31 313, eP, P, 14 39 05.7 -0.1, etc. Lists various stations and their performance metrics.

2012 FEB

Table with columns: NLAI, Namlea, 40.47 202, P, P, 14 40 26.0 +1.6, etc. Lists various stations and their performance metrics.

1674

Table with columns: MKAR, comp=Z,4.2nm,1.0s,baz=64,slo=3.4,SNR=3.0, ScP, ScP, 14 46 34.3 +2.7, etc. Lists various stations and their performance metrics.

29d 14h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like D35A Remer, I31A Royce Wessing, C36A Pine Crest Far, etc.

2012 FEB

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like K32A Verdige, KBA Koelbreinsper, MHCTO State Highway, etc.

1680

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like TIR Tirane, E40A Waked, 121A Cooke Peak, D, etc.

H40A	Chili	87.82	34	P	P	14 45 35.1 +0.4
J38A	Wedel Dairy, R	87.83	36	P	P	14 45 34.9 +0.1
HGH	Gray Hill	87.85	338	eP	S	14 45 35.0 +0.3
TBI	Tubuaj	87.86	121	eS	P	14 56 13.7 -2.6
TBI	Tubuaj	87.86	121	eLQ	LQ	15 09 13.8
TBI	comp=Z,1um,26.9s					
TBI	comp=Z,5um,21.5s,baz=308			eLR	LR	15 13 01.5
TBI	Tubuaj	87.86	121	eT	P	16 22 19.6
I39A	comp=Z,31nm,0.3s					
Houston	baz=320	87.88	35	P	P	14 45 34.9 -0.2
G41A	Antigo	87.91	33	P	P	14 45 34.7 -0.4
F42A	Maple Grove Fa	87.94	32	P	P	14 45 35.5 +0.3
E43A	Lone Tree Farm	87.94	31	P	P	14 45 35.4 +0.2
EPT	El Paso	87.99	52	PFAKE	LR	14 45 50.0 +1.4
EPT	comp=Z,900nm,20.0s					
IDI	Anoyia	87.99	313	P	P	14 45 36.7 +0.9
comp=Z,11nm,0.7s,baz=24,slow=12,SNR=5.7						
O34A	Beatrice	88.00	40	P	P	14 45 35.3 -0.4
M36A	Felix, Anita	88.06	39	P	P	14 45 36.4 +0.4
N35A	Tabor	88.06	39	P	P	14 45 36.5 +0.5
L37A	Phoenix Point,	88.10	37	P	P	14 45 36.5 +0.4
H41A	Junction City	88.16	34	P	P	14 45 36.0 -0.3
J39A	Decorah	88.19	36	P	P	14 45 36.4 -0.1
K38A	Parkersburg	88.19	37	P	P	14 45 36.8 +0.3
E44A	Grand Marais A	88.19	30	P	P	14 45 36.8 +0.4
G42A	Mountain	88.22	33	P	P	14 45 37.0 +0.4
I40A	Norwalk	88.27	35	P	P	14 45 36.8 -0.1
F43A	Flat Rock, Esc	88.30	31	P	P	14 45 37.2 +0.3
O35A	Humboldt	88.36	40	P	P	14 45 37.4 0.0
P34A	Walnut Farm, R	88.39	41	P	P	14 45 37.4 -0.2
N36A	Muff Farm, Cla	88.45	39	P	P	14 45 37.8 -0.1
L38A	Oak Wood Farm,	88.48	37	P	P	14 45 38.1 +0.2
M37A	Trindle Farm,	88.48	38	P	P	14 45 38.7 +0.7
I41A	Arkdale	88.49	34	P	P	14 45 38.2 +0.3
F44A	Big Bay de Noc	88.50	31	P	P	14 45 38.5 +0.6
SCIA	State Center	88.53	37	P	P	14 45 38.4 +0.3
SCIA	State Center	88.53	37	PFAKE	LR	14 45 50.0 +1.2
G43A	Wallace	88.53	32	P	P	14 45 38.7 +0.6
K39A	Delwein	88.58	36	P	P	14 45 38.2 -0.2
J40A	Soldiers Grove	88.59	35	P	P	14 45 38.5 0.0
SENIN	Lac Senin/Sane	88.71	330	eP	P	14 45 38.9 -0.3
E45A	Wooded Hills,	88.71	30	P	P	14 45 39.2 +0.3
H42A	Shiocton	88.74	33	P	P	14 45 39.1 0.0
MNTX	Cornudas Mount	88.76	51	P	P	14 45 40.3 +0.8
MNTX	Cornudas Mount	88.76	51	eP	P	14 45 39.4 0.0
MNTX	comp=Z,26nm,1.3s					
MNTX	comp=Z,800nm,19.0s					
Q34A	Chapman	88.78	41	P	P	14 45 39.6 +0.2
KSU1	Kansas State U	88.83	41	P	P	14 45 39.9 +0.3
KSU1	Kansas State U	88.83	41	eP	P	14 45 39.7 +0.1
KSU1	comp=Z,95nm,1.0s					
P35A	Duane Minner,	88.84	40	P	P	14 45 39.7 0.0
MSTX	Muleshoe	88.87	48	P	P	14 45 40.3 +0.2
N37A	Lee Faris, Mou	88.88	39	P	P	14 45 40.4 +0.6
M38A	Pleasantville	88.90	38	P	P	14 45 40.5 +0.6
AMTX	Amarillo	88.91	47	P	P	14 45 41.4 +1.2
AMTX	Amarillo	88.91	47	eP	P	14 45 40.3 +0.1
AMTX	comp=Z,79nm,1.1s					
K40A	Colesburg	88.94	36	P	P	14 45 40.2 +0.2
O36A	Boickow	88.95	39	P	P	14 45 40.5 +0.3
J41A	Loganville	88.96	35	P	P	14 45 40.4 +0.2
L39A	Winton	88.96	36	P	P	14 45 40.6 +0.5
CABF	La Chapelle	89.00	331	eP	Pmax	14 45 42.3 +1.9
CABF	comp=Z,122nm,2.1s					
R34A	Drager Farm,	89.06	34	P	P	14 45 41.1 +0.5
H43A	Isabella, Hill	89.06	42	P	P	14 45 41.2 +0.5
H43A	Windswept, Lux	89.11	33	P	P	14 45 40.6 -0.2
F45A	CMU Biological	89.11	31	P	P	14 45 41.3 +0.5
AQU	L'Aquila	89.14	324	eP	Pmax	14 45 41.6 +0.5
AQU	comp=Z,89nm,1.1s					
AQU	comp=Z,9um,18.0s					
AQU	L'Aquila	89.14	324	eP	P	14 45 41.6 +0.5
AQU	comp=Z,89nm,1.1s					
VLC	Villacolemand	89.14	327	PFAKE	LR	14 45 50.0 +9.0
JFWS	Jewell Farm	89.19	35	P	P	14 45 41.3 +0.1
JFWS	Jewell Farm	89.19	35	PFAKE	LR	14 45 50.0 +8.7
P36A	Good Intent, A	89.20	40	P	P	14 45 41.6 +0.3
Q35A	Mercer Eighty,	89.31	41	P	P	14 45 42.3 +0.4
N38A	Joes South For	89.35	38	P	P	14 45 42.5 +0.5
O37A	Wolven Farm, M	89.35	39	P	P	14 45 42.4 +0.4
F46A	Macinaw City C	89.35	30	P	P	14 45 42.4 +0.5
M39A	Webster	89.36	37	P	P	14 45 42.2 +0.2
L40A	Anamosa	89.38	36	P	P	14 45 42.1 -0.1
J42A	Columbus	89.41	34	P	P	14 45 41.7 -0.5
K41A	Shullsburg	89.41	35	P	P	14 45 42.3 0.0
I43A	Langenfeld Bro	89.41	33	P	P	14 45 42.3 0.0
Q36A	Arnold C. Orve	89.55	41	P	P	14 45 43.2 +0.2
S34A	Willow Spring	89.56	42	P	P	14 45 43.4 +0.3
R35A	Emporia Munci	89.61	41	P	P	14 45 43.9 +0.6

SSF	baz=317					
SSF	Saint Sauge	89.63	333	eP	P	14 45 43.0 -0.2
N39A	comp=Z,46nm,1.1s					
Derby Farms, D	baz=319	89.65	38	P	P	14 45 43.9 +0.5
P37A	Lathrop	89.67	40	P	P	14 45 43.8 +0.3
J43A	Natural Harves	89.68	34	P	P	14 45 43.9 +0.3
CUC	Castrocuvo	89.71	321	PFAKE	LR	14 46 00.0 +1.6
K42A	comp=Z,6um,19.0s					
Prairie Point,	baz=321	89.72	35	P	P	14 45 43.3 -0.4
L41A	Preston	89.72	36	P	P	14 45 43.8 0.0
O38A	Galt	89.73	39	P	P	14 45 43.8 0.0
M40A	Post Highland	89.74	37	P	P	14 45 44.1 +0.2
TIP	Timpagrande	89.83	320	PFAKE	LR	14 46 00.0 +1.6
TIP	comp=Z,6um,20.0s					
R36A	Gordon, Harris	89.99	41	P	P	14 45 45.5 +0.5
T34A	McClaskey Farm	90.01	43	P	P	14 45 45.8 +0.6
S35A	Other Creek Ra	90.01	42	P	P	14 45 45.8 +0.6
BNI	Bardonecchia	90.03	330	eP	Pmax	14 45 45.3 0.0
BNI	comp=Z,24nm,1.1s					
BNI	comp=Z,6um,20.0s					
Bardonecchia	90.03	330	eP	P	14 45 45.3 0.0	
BNI	comp=Z,24nm,1.1s					
ATD	Arta Tunnel	90.03	284	P	P	14 45 46.6 +0.9
ATD	comp=Z,4.2nm,0.4s,baz=108,slow=8.0,SNR=6.2					
ATD	comp=Z,848nm,20.7s,baz=41,slow=37					
ATD	Arta Tunnel	90.03	284	eP	P	14 45 45.4 -0.3
P38A	Dawn	90.07	39	P	P	14 45 45.9 +0.5
O39A	Kirksville	90.10	38	P	P	14 45 45.6 0.0
N40A	Mertquake, Sal	90.10	37	P	P	14 45 46.1 +0.5
Q37A	Longview Farm,	90.14	40	P	P	14 45 45.3 -0.5
L42A	Oliver, Polo	90.17	35	P	P	14 45 45.2 -0.7
GLMI	Grayling	90.18	31	P	P	14 45 46.6 +0.8
GLMI	Grayling	90.18	31	eP	P	14 45 47.1 +1.3
GLMI	comp=Z,89nm,0.7s					
M41A	Milan	90.24	36	P	P	14 45 46.4 +0.2
K43A	Burlington	90.25	34	P	P	14 45 45.9 -0.2
LPIG	La Paz	90.32	60	LR	LR	15 19 29.9
R37A	Teagarden Farm	90.36	41	P	P	14 45 46.7 -0.1
S36A	Lake Cedric, C	90.38	41	P	P	14 45 47.3 +0.4
T35A	Sooner Cattle	90.46	43	P	P	14 45 47.8 +0.5
L43A	Garden Prairie	90.47	35	P	P	14 45 47.0 -0.2
Q38A	Cooks Store, C	90.52	40	P	P	14 45 47.5 0.0
O40A	La Belle	90.54	38	P	P	14 45 48.1 +0.5
M42A	Sheffield	90.55	36	P	P	14 45 47.6 0.0
P39B	Salsbury	90.57	39	P	P	14 45 48.0 +0.3
N41A	Harden Midland	90.59	37	P	P	14 45 48.0 +0.2
T36A	Boggs Farm, Ca	90.70	42	P	P	14 45 49.2 +0.7
SSB	Saint Sauveur	90.71	331	eP	Pmax	14 45 47.9 -0.5
SSB	comp=Z,20nm,1.0s					
SSB	comp=Z,4um,18.0s					
SSB	comp=Z,20nm,1.0s					
SSB	comp=Z,4um,18.0s					
SSB	comp=Z,20nm,1.0s					
MCQ	Macquarie Isla	90.71	170	eP	Pmax	14 45 51.0 +3.4
MCQ	comp=Z,320nm,1.4s					
MCQ	Macquarie Isla	90.71	170	eP	P	14 45 51.0 +3.4
MCQ	comp=Z,320nm,1.4s					
WMOK	Wichita Mounta	90.72	45	P	P	14 45 49.3 +0.7
WMOK	Wichita Mounta	90.72	45	eP	Pmax	14 45 49.0 +0.4
WMOK	Wichita Mounta	90.72	45	eP	Pmax	14 45 49.0 +0.4
WMOK	Wichita Mounta	90.72	45	eP	P	14 45 49.0 +0.4
S37A	Fort Scott	90.76	41	P	P	14 45 48.9 +0.2
Q39A	Willow Grove F	90.79	39	P	P	14 45 49.0 +0.3
L44A	Lake County Fo	90.85	34	P	P	14 45 49.1 +0.1
P40A	Paris	90.90	38	P	P	14 45 49.9 +0.6
N42A	Yates City	90.90	36	P	P	14 45 49.5 +0.3
R38A	Ferriwick Farm,	90.94	40	P	P	14 45 49.3 -0.2
M43A	Waltham Townsh	90.94	35	P	P	14 45 49.9 +0.4
CEL	Celeste	90.96	320	PFAKE	LR	14 46 00.0 +1.0
VIVF	comp=Z,10um,18.0s					
VIVF	Saint-Julien-I	91.00	331	eP	Pmax	14 45 49.4 -0.3
O41A	Passleys Farm,	91.03	37	P	P	14 45 50.2 +0.4
T37A	Cheneyville 18	91.18	42	P	P	14 45 51.0 +0.4
N43A	Stutzman Famil	91.23	36	P	P	14 45 51.4 +0.6
OK020	N3440 Road, Me	91.25	44	eP	P	14 45 51.7 +0.8
OK020	comp=Z,2um,19.0s					
P41A	Barry, Barry	91.28	38	P	P	14 45 51.4 +0.4
Q40A	Laux Farm, Aux	91.29	39	P	P	14 45 51.4 +0.4
OK021	N3530 Road, Sp	91.29	44	eP	P	14 45 51.4 +0.2
OK021	comp=Z,117nm,1.2s					
R39A	Chumby, Stover	91.30	40	P	P	14 45 51.1 -0.1
S38A	Stockton	91.35	41	P	P	14 45 51.1 -0.3
O42A	Bath	91.37	37	P	P	14 45 51.3 -0.2
OK022	N3560 Road, Pr	91.37	44	eP	P	14 45 52.0 +0.5
OK022	comp=Z,135nm,1.2s					
M44A	Midewin, Midew	91.41	35	P	P	14 45 51.5 -0.1
TX31	Lajlas Ar. Si	91.43	52	eP	P	14 45 51.9 -0.1
TX31	Lajlas Array	91.43	52	eP	P	14 45 52.8 +0.8
TX31	comp=Z,33nm,1.1s,baz=290,slow=3.6,SNR=101					
TXAR	PKKpbc	91.53	33	P	P	15 03 14.1 +2.4
TXAR	comp=Z,0.3nm,0.5s,baz=146,slow=6.2,SNR=5.3					
HDIL	Hopedale	91.47	36	P	P	14 45 52.2 +0.3
HDIL	Hopedale	91.47	36	P	P	14 45 52.1 +0.2

T38A	Diamond	91.58	41	P	P	14 45 52.8 +0.3
TUL1	Leonard	91.59	43	P	P	14 45 53.0 +0.5
S39A	Bolivar	91.62	40	P	P	14 45 52.4 -0.2
O43A	Sugar Creek Fa	91.67	36	P	P	14 45 53.1 +0.3
ABTX	Abilene, Hawle	91.69	47	P	P	14 45 54.1 +1.0
HPIG	comp=Z,56nm,1.2s					
HPIG	comp=Z,1um,20.0s					
P42A	Winchester	91.71	37	P	P	14 45 53.3 +0.3

29d 14h

Table with columns for ID, Name, Date, Time, and other metrics. Includes entries like Q46A CEUHS Indians, W40A Ferguson Farm, T43A Greenville, etc.

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Table with columns for ID, Name, Date, Time, and other metrics. Includes entries like N54A Moraine State, S48A Wiedeman Farm, X43A Marvell, etc.

1682

Table with columns for ID, Name, Date, Time, and other metrics. Includes entries like PAL Palisades, BRNJ Basking Ridge, YLE Yale, etc.

1685

Table with columns: Code, Station Name, Az, El, Op, P, S, Res, Time, Res, Code, Station Name, Az, El, Op, P, S, Res, Time, Res. Includes stations like SHO, KUR, MJAR, etc.

IDC 29 15:34:56.3±1.4, 44:81N±9.15E, h0km, mb3.5/5, mb1 3.8/11, mb1mx3.5/67, mb1mx6/6/11, ML3.9/6, Error ellipse: s-maj=27.4km s-min=11.1km az=135.0, ISCJB 29 15:34:56.1±0.2, 44:88N±0.01±9.02E±0.01, h8km±1km, mb3.4/5, Error ellipse: s-maj=1.9km s-min=1.5km az=161.9

Table with columns: Code, Station Name, Az, El, Op, P, S, Res, Time, Res. Includes stations like BOB, ROTM, SC2M, etc.

2012 FEB

Table with columns: Code, Station Name, Az, El, Op, P, S, Res, Time, Res. Includes stations like CIRO, ENR, SATI, etc.

29d 15h

Table with columns: Code, Station Name, Az, El, Op, P, S, Res, Time, Res. Includes stations like CARE, FUORN, DAVOX, etc.

1691	ENAH Nanao	0.47	17	U	P	Pg	17 51 00.2	+0.5
	ENAH					Sg	17 51 06.5	+0.6
	NNSB Datong	0.50	329	e	P	Pg	17 51 00.5	+0.3
	NNSB					eS	17 51 06.5	-0.4
	NNSH Datong	0.50	329	e	P	Pg	17 51 00.4	+0.2
	NNSH					eS	17 51 06.7	-0.1
	TWT Tachien	0.51	300	U	P	Pg	17 51 00.9	+0.4
	TWT					S	17 51 07.6	+0.3
	NNS Nan Shan	0.51	329	e	P	Pg	17 51 00.7	+0.2
	NNS					eS	17 51 07.1	-0.3
	TDCB Tech	0.52	299	P		Pg	17 51 01.0	+0.2
	TDCB					S	17 51 08.0	+0.3
	HGSD Ruisui	0.55	203	e	P	Pn	17 51 02.6	-1.3
	EHY Hungye	0.58	212	e	P	Pb	17 51 01.8	-0.6
	TWC Suao	0.63	16	U	P	Sb	17 51 11.5	-0.6
	TWC					Sb	17 51 11.5	-0.6
	ENTT Nioudou	0.64	352	U	P	Pg	17 51 03.6	+0.6
	ENTT					eS	17 51 11.8	-0.7
	DPDB Guoxing	0.67	273	U	P	Pb	17 51 03.8	-0.2
	DPDB					Sb	17 51 11.8	-1.5
	EOS1 EOS1	0.69	38	e	P	Pn	17 51 05.3	-0.6
	YHNB Yeheng	0.72	339	P		Pg	17 51 04.9	+0.5
	YHNB					eS	17 51 14.0	-0.6
	TWE Neicheng	0.72	1	U	P	Sg	17 51 14.3	+0.5
	TWE					S	17 51 14.3	+0.5
	TYC Yuchr	0.74	263	U	P	Pb	17 51 04.8	-0.4
	TYC					i S	17 51 13.7	-1.5
	ILA Ilan	0.77	6	e	P	Pb	17 51 05.3	-0.3
	ILA					eS	17 51 16.5	+1.1
	NWLT Wulai	0.79	350	e	P	Pg	17 51 06.2	+0.5
	NWLT					eS	17 51 16.0	-0.6
	YUS Yu-Shan	0.82	232	e	P	Pg	17 51 06.9	+0.4
	FULB Fuli	0.86	203	e	P	Pg	17 51 07.6	+0.4
	NTC Toucheng	0.86	10	e	P	Pg	17 51 07.5	+0.4
	NSST Nanjiang	0.87	316	U	P	Pn	17 51 07.9	-0.5
	NSST					eS	17 51 18.7	-0.2
	LIOB Emei	0.87	318	i	P	Sg	17 51 08.2	-0.3
	LIOB					eS	17 51 19.0	+0.3
	WJS Wu-Shan	0.87	258	e	P	Pn	17 51 08.4	0.0
	EGS					eP	17 51 08.2	-0.2
	TWQ1 Lyutan	0.88	293	e	P	Pg	17 51 08.3	-0.2
	TWQ1					eS	17 51 20.5	-0.7
	WNT Mingjian	0.90	262	e	P	Pn	17 51 08.9	+0.1
	WNT					eS	17 51 21.1	-0.6
	TCU Taichung	0.91	279	e	P	Pn	17 51 09.5	+0.6
	NSY Sanyi	0.92	297	e	P	Pn	17 51 09.5	+0.4
	ALS Alishan	0.92	238	P		Pn	17 51 08.8	-0.6
	WLTB Daxi	0.93	336	e	P	Pn	17 51 09.6	+0.5
	CHKT Chengkung	0.94	197	e	P	Pn	17 51 08.8	-0.5
	NMLH Miaoli	0.96	304	e	P	Pg	17 51 10.2	+1.3
	PTSB Yuanli	0.98	297	U	P	Pg	17 51 10.8	+1.5
	TWA Mucha	0.98	356	e	P	Pg	17 51 10.1	+0.8
	TWA					eS	17 51 22.1	0.0
	TIPB Shuangxi	0.98	9	U	P	Pb	17 51 08.7	-0.6
	CHNS Tsauling	0.98	246	e	P	Sb	17 51 10.5	+1.0
	CHNS					eS	17 51 24.4	+0.5
	TATO Taipei	0.98	351	e	P	Pg	17 51 10.2	+0.8
	TATO					S	17 51 23.0	-0.8
	ELDTW Lidou	1.00	216	e	P	Pb	17 51 08.6	-1.1
	SBCB Hsinchu	1.00	322	e	P	Pg	17 51 11.2	+1.5
	WCHH Zhonghua	1.01	275	e	P	Pg	17 51 11.0	+1.1
	HSN Hsinchu	1.02	322	e	P	Pg	17 51 11.6	+1.6
	TAP Taipei	1.04	352	e	P	Pg	17 51 11.3	+0.7
	TAP					eS	17 51 25.1	+0.8
	TWB1 Santiaio Chiao	1.05	17	e	P	Pg	17 51 11.2	+0.5
	WGK Gukeng	1.05	253	e	P	Pg	17 51 11.7	+1.0
	NCUH Zhongli	1.06	336	e	P	Pg	17 51 12.3	+1.5
	NCUH					eS	17 51 26.7	+2.1
	NWF Wu-fen Shan	1.07	6	e	P	Pg	17 51 11.7	+0.6
	NWF					eS	17 51 25.3	-0.8
	WDLH Douliu	1.07	253	e	P	Pg	17 51 11.9	+0.8
	WFSB Wu-fen Shan	1.07	6	e	P	Pg	17 51 11.8	+0.7
	WFSB					eS	17 51 25.4	-0.6
	TWS1 Kuangyinshan	1.12	349	e	P	Pg	17 51 13.1	+1.2
	TWS1					eS	17 51 28.0	+1.4
	YM04 YM04	1.15	354	e	P	Pg	17 51 13.2	+0.5
	YM10 YM10	1.15	356	e	P	Pg	17 51 13.1	+0.4
	YM10					eS	17 51 28.8	+1.1
	YM07 YM07	1.17	358	e	P	Pb	17 51 12.8	+0.2
	YM07					eS	17 51 28.4	+0.2
	CHN4 Tsauhsan	1.17	237	U	P	Pg	17 51 13.7	+0.7
	CHN4					eS	17 51 30.7	+2.4
	TPUB Ta-pu	1.17	234	U	P	Pg	17 51 13.4	+0.4
	TPUB					eS	17 51 30.0	+1.7

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STYT Tauyuan	1.17	225	U	P	Pg	17 51 13.2	+0.1
STYT					eS	17 51 29.5	+1.1
NTST	1.18	351	e	P	Pg	17 51 13.5	+0.5
YM03 YM03	1.18	355	e	P	Pg	17 51 13.9	+0.7
YM03					eS	17 51 28.7	+0.1
CHN2 Minshiang	1.18	247	e	P	Pg	17 51 14.8	+1.6
YM08 YM08	1.19	357	e	P	Pg	17 51 13.8	+0.6
YM08					eS	17 51 29.9	+1.2
RLNB Erlin	1.19	265	e	P	Pg	17 51 14.0	+0.6
RLNB					eS	17 51 30.5	+1.5
WTP Ta-pu	1.22	232	e	P	Pg	17 51 14.2	+0.3
WTP					eS	17 51 31.6	+1.9
CHY Chiayi	1.24	246	e	P	Pg	17 51 14.8	+0.6
JYNG Yonagunijimaku	1.26	69	P	S	Pg	17 51 15.0	+0.4
WTC T'ang-ch'eng	1.27	264	e	P	Sb	17 51 31.9	+0.9
WTC					Sb	17 51 14.3	+0.1
TWY Chenhua	1.27	358	e	P	Pg	17 51 15.5	+0.6
TWY					eS	17 51 12.6	-1.6
TWG Pinlang	1.29	205	e	P	Pn	17 51 12.6	-1.6
CHN1 Nanshi	1.32	232	e	P	eP	17 51 16.0	+0.2
CHN1					eS	17 51 34.8	+1.9
YOJ Yonaguni jima	1.32	69	e	P	Pb	17 51 14.6	-0.4
YOJ					S	17 51 15.8	+0.1
YOJ					S	17 51 33.9	+1.0
SGST Jiashian	1.35	227	e	P	Pg	17 51 16.4	+0.1
SGST					eS	17 51 36.1	+2.3
WLGW Puzi	1.35	248	e	P	Pg	17 51 16.1	-0.3
WLGW					eS	17 51 35.1	+1.1
WSF Wu-shan	1.36	255	e	P	Pg	17 51 16.6	0.0
WSF					eS	17 51 36.0	+1.5
SLGT Liugui	1.37	223	e	P	Pb	17 51 16.2	+0.3
CHN8 Yiju	1.48	244	e	P	Pb	17 51 18.2	+0.4
CHN3 Shinhua	1.50	233	e	P	Pg	17 51 19.8	+0.5
ECL Taimali	1.54	205	e	P	Pn	17 51 17.1	-0.5
SSD Sandimen	1.56	217	e	P	Pb	17 51 18.9	-0.4
TWMT Shoushan	1.63	224	e	P	Pg	17 51 21.1	+0.7
EAST Anshuo	1.77	205	e	P	Pn	17 51 19.9	-1.0
TAW Taw	1.78	203	e	P	Pb	17 51 22.1	-0.8
SSPT Xinbi	1.81	214	e	P	Pb	17 51 23.6	+0.1
WSSB Guan	1.86	224	e	P	Pb	17 51 24.1	-0.3
SCZT Fangliu	1.88	211	e	P	Pb	17 51 23.7	-1.0
IRIF Iriomote-Funau	1.92	80	P	S	Pb	17 51 24.6	-0.7
IRIF					Sb	17 51 49.9	+0.3
LAY Lan-yu	1.95	183	e	P	Pn	17 51 22.4	-0.9
PHUB Peng-hu	1.97	256	e	P	Sb	17 51 24.6	-1.6
PHUB					eS	17 51 49.7	-1.0
PNG Penghu	1.98	258	e	P	Pb	17 51 25.5	-0.7
WDGT Dungi	1.98	249	e	P	Pb	17 51 25.0	-1.2
HEN Hengchun	2.16	203	e	P	Pg	17 51 29.2	-0.2
JKRS Kuro-shima	2.16	83	P	S	Pb	17 51 27.9	-1.5
JKRS					Sb	17 51 56.0	-0.1
TWKBH Hengchun	2.19	201	e	P	Sb	17 51 28.8	-1.2
VWUC VWUC	2.24	297	e	P	Pn	17 51 27.3	0.0
JJU Ishigaki jima	2.30	80	P	S	Pn	17 51 29.6	+1.6
JJU					Sb	17 51 59.1	-1.0
JISG Ishigakijimahi	2.49	76	P	S	Pn	17 51 31.8	+1.1
JISG					Sn	17 52 01.6	+0.7
MATB Ma-tsu	2.65	324	e	P	Pn	17 51 33.4	+0.6
ZARC ZARC	2.98	279	e	P	Pn	17 51 39.3	+1.9
KNMB Chin-men Tao	3.02	279	e	P	Pn	17 51 38.4	+0.4
KNMB					eP	17 51 38.4	+0.4

IDC 29 17:53:13.7:0.8,6:75N-72:98W,h164km,13km,mb3.1/1,
 mb1.3:5/3,mb1mx3.0/46,mbtm3.8/3,Error ellipse:
 s-maj=59.0km s-min=8.4km az=131.0
 ISCJCB 29 17:53:14.0:0.8,6:85N:0.05:73:14W:0.05,h151km,7km,
 mb3.3/1,Error ellipse: s-maj=10.3km s-min=6.3km
 az=43.5
 RSCN 29 17:53:16.0:0.8,6:78N-73:16W,h142km,5km,ML3.0
 ISC 29 17:53:14.5:1.0,6:83N:0.05:73:13W:0.06,h149km,7km,
 n19,c0:96/28,1D,Northern Colombia

Code	Station Name	A°	AZ°	Op	Phase ID	Time	Res
BARC	Barichara	0.25	193	e	Pn	17 53 35.2	+0.1
BARC						17 53 35.5	
BARC	comp=Z,243nm,0.2s						
BRRC	Barranca, Sant	0.64	295	e	Sn	17 53 50.0	-0.7
BRRC					eP	17 53 37.1	+0.6
BRRC	comp=Z,304nm,0.1s					17 53 56.9	
PAMC	Pampiona, Colo	0.66	40	e	Pn	17 53 38.0	+0.8
PAMC					eS	17 53 52.2	+0.8
PAMC	comp=Z,146nm,0.2s					17 53 57.4	
RUSC	La Rusia	0.94	177	U	Pn	17 53 39.0	-0.2
RUSC						17 53 40.8	
RUSC	comp=Z,100nm,0.5s						
RUSC					eS	17 53 57.8	-0.2
PTBC	PUERTO BERRIO,	1.35	258	e	Pn	17 53 41.9	-0.5
PTBC					eS	17 54 02.6	-1.2
ZARC	Zaragoza, Cauc	1.84	291	e	Pn	17 53 47.7	0.0
ZARC					eS	17 54 19.7	+0.5
ZARC	comp=Z,226nm,0.5s					17 54 19.7	
NORC	Norcasia	2.14	234	e	Pn	17 53 51.0	-0.3
NORC					eS	17 54 19.3	-0.3
NORC	comp=Z,11nm,0.2s					17 54 23.1	
CHIC	Chingaza	2.27	195	e	Pn	17 53 53.1	-0.1
CHIC					eS	17 54 21.7	-1.3
CHIC	comp=Z,56nm,0.4s					17 54 26.7	
ROSC	El Rosal	2.31	211	P	Pn	17 53 54.9	+1.2
ROSC					S	17 54 24.9	+1.2
ROSC	comp=Z,14nm,0.3s,baz=62,slo=15,SNR=25						
ROSC	comp=Z,19nm,0.3s,baz=203,slo=20,SNR=12						
ROSC	comp=Z,231nm,0.5s					17 54 31.7	
HELH	Santa Helena	2.47	255	e	Pn	17 53 55	

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VRF Vario, MSF Maaselka, HAMF Hammerfest, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HWA Hwalien, ENLB Shouteng, NACB Ninganchiao, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PMG Port Moresby, WRA Warramunga Arr, STKA Stephens Creek, etc.

ISCJB 29 18:16:00.8±1.1, 37.06N,0.03±0.05, h24km±12km, Error ellipse: s-maj=7.4km s-min=3.7km az=158.5, THR 29 18:16:00.4±0.3, 37.02N,0.03±0.05, h27km±2km, ML3.8, CSEM 29 18:16:01.7, 36.97N,50.16E, h20km, ML3.8, Error ellipse: s-maj=7.9km s-min=2.9km az=63.0, TEH 29 18:16:01.2, 36.95N,50.21E, h12km, ML3.8, ISC 29 18:15:58.5±1.3, 37.05N,0.03±0.05, h10km±10km, n50, c185/68, 16C-17Z, Caspian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IGZV Ghazvin, NOA NORSAR Subarra, NOA NORSAR Array B, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IRAZ Razeghan, IPRN Peran, ASTR Astara, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDMV Damavand, IDMV Lenkeran, LKRK Lenik, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IVAL Alasht, IVRN Varamin, IVRN Varamin, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GRMI Garmi, GLBA Gilabad, GLBA Gilabad, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ALIB Sanandaj, SNGE Sanandaj, QAM Gamsar, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GBS Kolahrood, IKHL Kolahrood, ATGJ Atiaghaj, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ERVC ERCIS-VAN, ERVC ERCIS-VAN, CLDR Caldian, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VAND Van, VAND Van, DYND Diyadin, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUIM Jordan, GUIM Boso, SNPH Sibulin, etc.

IDC 29 18:42:50.1±0.9, 35.40N,141.55E, h0km, mb3.7/10, mb1 3.8/14, mb1mx3.6/66, mbtmp3.7/14, ML3.6/3, MS3.2/2, Ms1 3.2/2, ms1mx2.5/63, Error ellipse: s-maj=24.6km s-min=16.4km az=76.0, JMA 29 18:42:53.9, 35.29N,141.22E, h33km±1km, M3.3, ISC 29 18:42:51.6±3.1, 35.26N,140.05±141.15E, h0km±20km, n29, c112/28, mb3.7/10, Near east coast of eastern Indonesia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHOU Chosi, CHOU Boso, BSO1 Boso, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KTR Katsura, BSO3 Boso, BSO4 Boso, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAJ Asahikawa, KSRS Korea Array, KSRS Korea Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H1N2 WAKE ISLAND, H1N1 WAKE ISLAND, H1S1 WAKE ISLAND, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H1S2 WAKE ISLAND, H1N2 Songoing Array, ZALV Zalesovo Beam, etc.

IDC 29 18:14:50.4±1.3, 6.51S, 146.69E, h0km, mb3.8/3, mb1 3.7/5, mb1mx3.4/43, mbtmp3.5/5, ML2.8/1, Error ellipse: s-maj=54.4km s-min=22.9km az=96.0, Eastern New Guinea region

CSEM 29 18:36:45.7, 0.3, 38.90N,43.55E, h10km, ML2.7, Error ellipse: s-maj=5.6km s-min=4.4km az=99.0, DDA 29 18:36:45.4, 38.88N,43.54E, h7km, ML2.5, ISC 29 18:36:45.4, 38.92N,43.56E, h8km, ML2.7/7

ISCJB 29 19:00:12.2±0.7, 20.1S,0.1±177.6W,0.1, h550km, mb3.9/13, Error ellipse: s-maj=22.5km s-min=9.6km az=142.5

IDC 29 19:00:16.4z.0.20.25S:177.74W, h577km, 24km, mb3.5/13, mb1 3.7/15, mb1mx3.4/47, mbtmp4.4/15, Error ellipse: s-maj=23.9km s-min=12.9km az=150.0

ISC 29 19:00:14.3z.0.9.20.2D:02x177.7W.0.1, h550km, n22, o135z.24, mb3.9/13, 1D, Fijii Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AFi Afiamalu, DZM Mont Dzumac, URZ Urewera, etc.

NEIC 19 19:02:37.5z.0.0.43:58S:172:39E, h12km, ML4.2(WEL), After WEL

WEL 29 19:02:36.6, 43:65S:172:39E, h10km, ML4.2/6, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EYVZ Eyrewell, CRZL Canterbury Las, etc.

IDC 29 19:09:08.6z.6.8.840N:124:89E, h420km, 82km, mb2.9/8, mb1 3.1/8, mb1mx2.8/57, mbtmp3.7/8, Error ellipse: s-maj=69.2km s-min=17.1km az=68.0, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA Warrunguna Arr, ASAR Alice Springs, etc.

ILAR Eielson Array 81.70 26 P 19 20 41.3 -0.2
FINES FINES Array B 86.86 32 P 19 21 06.2 -1.0
VND A Vanda 88.16 172 P 19 21 14.6 +1.3

MAN 29 19:13:24.970N:122:91E, h34km, mb3.5, ML2.2, MS1.6, ID, Negros
Code Station Name Az Az' Phase ID Time Res
SNPH Sibulan 0.47 138 I/P Pn 19 13 36.6 +2.1

IDC 29 19:27:32.7z.3.5.30.12N:142:08E, h75km, 34km, mb3.0/6, mb1 3.2/7, mb1mx2.9/67, mbtmp3.4/7, Error ellipse: s-maj=46.7km s-min=22.5km az=75.0
ISC 29 19:27:26.8z.1.2.30.04N:109:142:1E:0.3, h26km, n7, r121/8, mb3.4/6, Southeast of Honshu

MEX 29 19:35:53.1z.0.5.17:27N:100:07W, h5km, MD3.6, Guerrero
Code Station Name Az Az' Phase ID Time Res
AC2P Acapulco 0.42 156 I/P Pg 19 36 00.6 -0.7

MEX 29 19:36:35.2z.0.6.15:62N:93:54W, h92km, 7km, MD3.6, Near coast of Chiapas
Code Station Name Az Az' Phase ID Time Res
PCIG Cihuatlan 0.32 74 Op Pn 19 36 47.6 -1.4

IDC 29 19:42:57.9z.1.1.29:80S:175:95W, h0km, mb4.0/4, mb1 4.2/5, mb1mx3.9/39, mbtmp4.1/5, ML3.3/1, MS3.1/3, Ms1 3.1/3, ms1mx2.7/39, Error ellipse: s-maj=33.4km s-min=24.8km az=168.0
ISCJJB 29 19:43:01.3z.1.2.29:86S:176:06W:0.1, h33km, mb4.1/5, MS3.2/1, Error ellipse: s-maj=15.1km s-min=10.8km az=150.7

NEIC 29 19:43:03.9z.2.0.29:80S:176:06W, h40km, 15km, mb4.3/1, Error ellipse: s-maj=21.2km s-min=15.0km az=56.0
ISC 29 19:43:03.3z.1.0.29:85S:176:06W:0.1, h35km, n13, r055/15, mb4.0/5, Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RAO Raoul Island, URZ Urewera, etc.

ISCJJB 29 19:44:32.0z.0.5.31:61N:106:138:37E:0.09, h381km, mb3.3/10, Error ellipse: s-maj=10.0km s-min=7.9km az=179.1

IDC 29 19:44:33.7z.0.9.31:56N:138:21E, h384km, 9km, mb2.9/9, mb1 3.0/13, mb1mx2.9/67, mbtmp3.7/13, Error ellipse: s-maj=20.0km s-min=16.9km az=96.0

JMA 29 19:44:34.0z.0.3.31:90N:138:41E, h391km, M3.5
ISC 29 19:44:32.8z.0.8.31:62N:106:138:44E:0.10, h381km, n25, r250/29, mb3.2/10, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHU Hachioji jima, JHW Mitsune, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KLR Kul'dur, MA2 Magadan, SONM Songoing Array, etc.

GUC 29 20:00:57.0z.0.6.34:19S:72:24W, h20km, 11km, ML3.6, 1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHPI Pichilemu, GO05 Hualae, etc.

IDC 29 20:14:29.4z.1.1.51:81N:95:97E, h0km, mb3.7/2, mb1 3.3/5, mb1mx3.0/75, mbtmp3.3/5, ML2.4/3, Error ellipse: s-maj=32.4km s-min=12.5km az=171.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TLY Talaya, ZALV Zalesovo Beam, etc.

ISCJJB 29 20:16:22.9z.0.5.18:65S:177:90W:0.1, h500km, mb4.0/18, Error ellipse: s-maj=17.2km s-min=10.2km az=137.5

IDC 29 20:16:24.2z.1.8.18:62S:177:86W, h505km, 20km, mb3.7/18, mb1 3.9/20, mb1mx3.6/49, mbtmp4.6/20, Error ellipse: s-maj=16.1km s-min=11.0km az=133.0

ISC 29 20:16:23.8z.0.6.18:65S:177:90W:0.1, h500km, n38, r0581/37, mb4.0/18, 1D, Fijii Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AFI Afiamalu, DZM Mont Dzumac, etc.

29d 21h

Table with columns: TURN, STATION, TIME, PHASE, RES. Includes stations like TURUNC, KAYABASI, SONSECA Array, etc.

IGQ 29:20:40:02.40.7.5'S.8.7'8W.4'5, h5km,9km, mb3.9/1, MLV4.3/7, Northern Peru

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BPAT, EPAT, BMAS, etc.

IDC 29:20:44:28.40.6.6.16S.130.21E, h0km, mb4.1/1, mb1.4/4.16, mb1mx2.4/29, mbtmp4.3/16, ML4.5/4, MS3.7/10, Ms1.3.7/10, ms1mx3.4/4, Error ellipse: s-maj=28.0km s-min=13.7km az=69.0

ISCJB 29:20:44:31.40.3.6.15S.0.03x.130.28E.0.03, h35km, mb4.4/19, MS3.6/6, Error ellipse: s-maj=4.6km s-min=4.1km az=14.8

NEIC 29:20:44:33.06.1.7.611S.130.31E, h33km, 13km, mb4.7/14, Error ellipse: s-maj=7.9km s-min=5.6km az=52.0

DJA 29:20:44:34.3.1.0.6'S.2.13'10E, h30km, 13km, M4.8/10, mb5.0/8, mb5.3/7, ML4.8/10, Mw(m)4.7/7

ISC 29:20:44:33.8.0.4.6.10S.0.04x.130.21E.0.05, h35km, n99, c171/98, mb4.5/19, MS3.6/6, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BNDI, SAUI, MSAI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SWI, SANI, RKPI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MTN, SOEI, TMTI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BATI, BATI, BATI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LUWI, LUWI, LUWI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like COEN, MYDM, PMG, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA, WRA, WRA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CTA, CTA, CTA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LEM, STKA, NWAO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HNR, YHNB, PSI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CM01, CMAR, CMAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MJAR, MAJO, KS15, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like USK01, LSA, ODAN, etc.

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Table with columns: JURN, STATION, TIME, PHASE, RES. Includes stations like JURN, GUN, PKI, etc.

Table with columns: ALN, STATION, TIME, PHASE, RES. Includes stations like ALN, AFILASU, SONAO, etc.

Table with columns: SONO, STATION, TIME, PHASE, RES. Includes stations like SONO, SONO, SONO, etc.

Table with columns: KSH, STATION, TIME, PHASE, RES. Includes stations like KSH, KSH, KSH, etc.

Table with columns: MKAR, STATION, TIME, PHASE, RES. Includes stations like MKAR, MKAR, MKAR, etc.

Table with columns: MAZK, STATION, TIME, PHASE, RES. Includes stations like MAZK, MAZK, MAZK, etc.

Table with columns: KURBB, STATION, TIME, PHASE, RES. Includes stations like KURBB, KURBB, KURBB, etc.

Table with columns: GEYT, STATION, TIME, PHASE, RES. Includes stations like GEYT, GEYT, GEYT, etc.

Table with columns: ILAR, STATION, TIME, PHASE, RES. Includes stations like ILAR, ILAR, ILAR, etc.

Table with columns: MLR, STATION, TIME, PHASE, RES. Includes stations like MLR, MLR, MLR, etc.

Table with columns: CPBX, STATION, TIME, PHASE, RES. Includes stations like CPBX, CPBX, CPBX, etc.

Table with columns: LPAZ, STATION, TIME, PHASE, RES. Includes stations like LPAZ, LPAZ, LPAZ, etc.

Table with columns: LPAZ, STATION, TIME, PHASE, RES. Includes stations like LPAZ, LPAZ, LPAZ, etc.

Table with columns: TDJR, STATION, TIME, PHASE, RES. Includes stations like TDJR, TDJR, TDJR, etc.

Table with columns: ERNS, STATION, TIME, PHASE, RES. Includes stations like ERNS, ERNS, ERNS, etc.

Table with columns: HVS, STATION, TIME, PHASE, RES. Includes stations like HVS, HVS, HVS, etc.

Table with columns: ORL, STATION, TIME, PHASE, RES. Includes stations like ORL, ORL, ORL, etc.

Table with columns: MOY, STATION, TIME, PHASE, RES. Includes stations like MOY, MOY, MOY, etc.

Table with columns: CERR, STATION, TIME, PHASE, RES. Includes stations like CERR, CERR, CERR, etc.

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Table with columns: KURK, STATION, TIME, PHASE, RES. Includes stations like KURK, KURBB, KURBB, etc.

Table with columns: BVAR, STATION, TIME, PHASE, RES. Includes stations like BVAR, BVAR, BVAR, etc.

Table with columns: BRVK, STATION, TIME, PHASE, RES. Includes stations like BRVK, BRVK, BRVK, etc.

Table with columns: ARU, STATION, TIME, PHASE, RES. Includes stations like ARU, ARU, ARU, etc.

Table with columns: AKTO, STATION, TIME, PHASE, RES. Includes stations like AKTO, AKTO, AKTO, etc.

Table with columns: TIXI, STATION, TIME, PHASE, RES. Includes stations like TIXI, TIXI, TIXI, etc.

Table with columns: FINES, STATION, TIME, PHASE, RES. Includes stations like FINES, FINES, FINES, etc.

Table with columns: NOA, STATION, TIME, PHASE, RES. Includes stations like NOA, NOA, NOA, etc.

Table with columns: SCHO, STATION, TIME, PHASE, RES. Includes stations like SCHO, SCHO, SCHO, etc.

Table with columns: TORD, STATION, TIME, PHASE, RES. Includes stations like TORD, TORD, TORD, etc.

Table with columns: CODE, STATION NAME, AZ, PHASE ID, TIME, RES. Includes stations like CODE, CODE, CODE, etc.

Table with columns: CODE, STATION NAME, AZ, PHASE ID, TIME, RES. Includes stations like CODE, CODE, CODE, etc.

Table with columns: CODE, STATION NAME, AZ, PHASE ID, TIME, RES. Includes stations like CODE, CODE, CODE, etc.

Table with columns: CODE, STATION NAME, AZ, PHASE ID, TIME, RES. Includes stations like CODE, CODE, CODE, etc.

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Table with columns: CODE, STATION NAME, AZ, PHASE ID, TIME, RES. Includes stations like CODE, CODE, CODE, etc.

Table with columns: CODE, STATION NAME, AZ, PHASE ID, TIME, RES. Includes stations like CODE, CODE, CODE, etc.

Table with columns: CODE, STATION NAME, AZ, PHASE ID, TIME, RES. Includes stations like CODE, CODE, CODE, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HYB, AKTO, MDRS, DLBC, ASO1, AS31, ASAR, ASAR, ASAR, MBWA, POO, SPA0, SPA0, SPA0, SPITS, SPITS, KBS, KBS, KBS, KBS, PALK, PALK, PALK, PALK, HSPB, HSPB, EIDS, LVZ, LVZ, GOA, TMCR, APA, APA, DZM, DZM, RES, RES, GEYT, GEYT, COCO, COCO, KEV, KEV, KEV, KEV, KLMR, KLMR, KLMR, KLMR, KLMR, KLMR, ARCES, ARCES, AREO, AREO, YKA, YKA, YKA, HEF, TULEG, KIF1, TRO, ARMA, VRH, VRH, STKA, STKA, OBN, OBN, OBN, OBN, OBN, OBN, STEI, STEI.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like B05A, MAK, MAK, MAK, MAK, LPSR, LPSR, PUL, PUL, LOF, LOF, KULLO, KULLO, KULLO, VSR, VSR, FINES, FINES, FINES, BBOO, GROC, GROC, GROC, ZKTA, LTY, LKRN, MORB, MORB, MNGR, B08A, KONS, KONS, GOF, GOF, EDM, EDM, EDM, GANJ, WSAR, NCK, NCK, VSU, VSU, BIDO, BIDO, BIDO, D08A, I05D, KBZ, KBZ, KBZ, KBZ, BANOH, BANOH, BANOH, BANOH, KVAR, KVAR, KIV, KIV, KIV, KIV, KIV, SHME, SHME, NEW, NEW, NEW, NEW, NEY, NEY, MSFE, YBH, YBH, SUMG, SUMG, SUMG, SUMG, SUMG, M02C, M02C, K04D, UOSS, UOSS, HATD, HATD, GNI, GNI, GNI, GNI, SOHO, SOHO, NAX, NAX, NAX, G08A, ASHO, ASHO, ASHO, ASHO, ASHO, ASHO, ASHO, AKH, AKH, M04C.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NAZ, BSY, BSY, CAN, CAN, EAK, ARQ, ARQ, EPOS, IGD1, ALNE, DIGO, AJN, DYDN, IZAR, IZAR, O03D, IDID, IDID, MICGM, MICGM, MNG, MNG, MNG, CLDR, SCO, SCO, SCO, ISAL, ISAL, ARTV, SOCI, SOCI, SOCI, SOCI, SOCI, SOCI, IIGN, IIGN, BMO, BMO, BMO, DAGI, DBOC, NACGM, NACGM, NACGM, DBAD, DDEM, TBLU, TBLU, EATA, YOVA, TVAN, WVOR, HOMI, ANN, ANN, ANN, ADCV, MSO, MSO, GEVA, EKAR, ERZM, CUKT, ECAT, ILULI, ILULI, ILULI, BAYB, HFS, HFS, DOMB, DOMB, AKASG, AKASG, AKASG, MOL, MOL, KIEV, KIEV, KIEV, KIEV, KIEV, NC204, NC204, NB201, NB201, NB2, NB2, NOA, NOA, NOA, SIRS, BNGL, SRTM, FFC, FFC, FFC, NC602, NC602, NB000, NB000, NAO01, NAO01, NAO01, CMB.

29d 22h

Table with columns: LPW, Lampeter, 86.51 339f, eP, I/Amb, P, 22 45 10.3 +0.5, 22 45 11.1, etc.

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Table with columns: N40A, Mergtquake, Sal, 89.35 37, P, P, 22 45 23.0 -0.5, etc.

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Table with columns: X40A, Basin Creek Fa, 93.61 42, P, P, 22 45 44.3 +0.9, etc.

ISC Computed Locations for February 2012

