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

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Addendum I

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

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

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

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

The following example illustrates the changes :-

September 2002

```

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

```

Epicentral Estimates

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

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

Error Ellipses - The keywords have been shortened.

Observational Data

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

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

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

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

Station magnitude estimate - computed by the ISC.

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

Addendum II

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

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

Addendum III

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

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

NIED 01 00:25:00.37:60N.141.50E, h83km, Mw3.6 Best double couple: M2 90000.1014 NP100.354.00000, 819.00000, 121.00000. NP20.206.00000, 874.00000, 17.80.00000.

ISJCJB 01 00:25:25.9:0.7, 37.53N:013.41:51E:0.08, h80km, 5.3km, mb3.7/5, Error ellipse: s-maj=10.9km s-min=5.3km az=13.5

JMA Felt J1, IDC 01 00:25:27.4:4.4, 37.02N:140.11E, h146km, 28km, mb3.3/5, mb1 3.4/7, mb1mx3.1/33, mbtmp3.8/7 Error ellipse: s-maj=63.8km s-min=13.5km az=59.0

ISC 01 00:25:25.0:1.1, 37.55N:014.41:51E:0.07, h72km, 8.3km, n22, c082/36, mb3.7/5, 8D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like JFK Kawachi, JMM Marumori, JMW Iwakimizuishiy, etc.

NNC 01 00:27:04.7:1.9, 44.26N:82.00E, h0km, mb3.8, mpv3.4, 7C-6D, Error ellipse: s-maj=25.1km s-min=7.3km az=129.0, Northern Xinjiang

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like PDGK Podgomoye, MK31 Makanchi Array, etc.

ISK 01 00:31:56.6:0.27, 37.09N:28.56E, h3km, MD3.0 ISJCJB 01 00:31:57.6:0.5, 37.10N:0103.28:54E:0.03, h4km, 6km, Error ellipse: s-maj=5.5km s-min=4.3km az=27.2

CSEM 01 00:31:57.8:0.2, 37.08N:28.54E, h3km, MD2.9, Error ellipse: s-maj=4.5km s-min=3.6km az=23.0 DDA 01 00:31:57.3:0.3, 37.08N:28.49E, h7km, MD2.9

ISC 01 00:31:57.9:1.2, 37.14N:0102.28:56E:0.02, h1km, 11km, n38, c070/55, Turkey

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like YER Yerkestik, TURN Turunc, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include KHAL Karahalli, BCK Bucak, BLCB Balцова, etc.

IDC 01 01:28:08.8:1.0, 7.03S:150.95E, h0km, mb3.8/10, mb1 4.0/11, mb1mx3.9/34, mbtmp3.8/11, ML 1.3/1, MS3.1/1, Ms1 3.1/1, ms1mx2.5/36, Error ellipse: s-maj=36.3km s-min=19.4km az=109.0

ISCJJB 01 01:28:13.2:0.7, 10S:0.10:150.9E:0.1, h40km, mb4.0/14, MS3.1/1, Error ellipse: s-maj=19.5km s-min=8.4km az=40.3

NEIC 01 01:28:16.9:2.2, 7.10S:150.77E, h58km, 18km, mb4.4/6, Error ellipse: s-maj=20.2km s-min=10.6km az=98.0

ISC 01 01:28:14.8:0.8, 7.15S:0.10:151.0E:0.2, h40km, n23, c092/23, mb4.1/14, New Britain region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include PMG Port Moresby, WRAB Warramunga Arr, WRA Warramunga Arr, etc.

DJA 01 01:34:32.3:0.7, 8S:4.107E, h21km, 7km, M4.2/12, mb4.5/1, MLv4.0/12, Jawa

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include CISI Cisompet, CMJI Cimaker, CGJI Cibinong, etc.

ISJCJB 01 01:37:03.4:0.8, 36.98S:0.06:177.70E:0.08, h150km, mb3.6/3, Error ellipse: s-maj=10.3km s-min=7.7km az=43.4

WEL 01 01:37:03.6:0.3, 36.81S:177.81E, h137km, 2km, ML4.2/10, Error ellipse: s-maj=2.6km s-min=1.9km az=0.0

IDC 01 01:37:06.2:9, 36.91S:177.26E, h142km, 17km, mb3.3/3, mb1 3.5/3, mb1mx3.3/32, mbtmp3.6/3, Error ellipse: s-maj=52.5km s-min=23.5km az=49.0

ISC 01 01:37:03.3:1.1, 36.92S:0.08:177.79E:0.08, h150km, n56, c150/57, mb3.6/3, S-CD, Off east coast of North Island

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include MXZ Matakaoa Point, HAZ White Island, WVGZ Waioamatini S, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include PXZ Pawanui, PNHZ Pukenui, PHWZ Waipukurau, etc.

ISJCJB 01 01:45:24.7:0.7, 6.26S:150.77E:0.1, h35km, mb4.0/10, MS2.9/3, Error ellipse: s-maj=22.9km s-min=9.8km az=109.0

NEIC 01 01:45:27.2:2.2, 6.26S:150.65E, h42km, 18km, mb4.4/5, Error ellipse: s-maj=22.4km s-min=14.1km az=97.0

ISC 01 01:45:26.5:0.9, 6.25S:0.1:150.7E:0.2, h35km, n19, c057/17, mb4.2/10, MS3.0/3, New Britain region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include PMG Port Moresby, WRA Warramunga Arr, WRA Warramunga Arr, etc.

ISJCJB 01 01:49:14.3:0.6, 13.66S:0.06:165.8E:0.1, h10km, mb4.1/11, Error ellipse: s-maj=17.8km s-min=8.9km az=175.7

IDC 01 01:49:14.7:1.1, 13.57S:165.83E, h0km, mb3.9/7, mb1 4.0/9, mb1mx3.8/26, mbtmp3.9/9, ML4.1/2, MS3.0/1, Ms1 3.0/1, ms1mx2.4/8, Error ellipse: s-maj=35.3km s-min=22.0km az=100.0

NEIC 01 01:49:16.8:9.7, 13.52S:165.77E, h15km, 60km, mb4.2/11, Error ellipse: s-maj=23.2km s-min=14.8km az=183.0

ISC 01 01:49:16.2:0.8, 13.58S:0.09:165.8E:0.2, h10km, n19, c085/19, mb4.2/11, Vanuatu Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include DZM Mont Dzumac, PMZ Port Moresby, CTA Charters Tower, etc.

ISJCJB 01 01:53:35.4:1.0, 52.72N:159.92E, h48km, 10km, ML3.5, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include SPN My Shipsumi, UGL Uglovaya, PET Petropavlovsk, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SMAR, AVH, RUS, KRER, KOK, KRX, KFY, MTRV, ASAK, KII, KIL, GNL, APC, MIPR, MKZ, MKZ, KZV, TUMR, KBTR.

IDC 01 01:58:39.4.2.2, 3.09N, 126.67E, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.4/4,3,mbtmp3.7/3, Error ellipse: s-maj=173.6km s-min=27.2km az=66.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TMTI, KMSI, SANI, MRSI, APSI, NLA, MSAI, WRA, ASAR, MKAR.

CSEM 01 02:30:55.1.0.7, 37.24N, 37.03E, h5km, MD2.7, Error ellipse: s-maj=18.4km s-min=6.8km az=8.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HCB, HCB, ANDN, ATAB, TAHT, AKCD, URFA.

CASC 01 02:39:59.1.3.4, 9.05N, 84.13W, h15km, 22km, MD3.5, 3D, Costa Rica

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like QCR, BUS, URSC, CGAZ, CTRC, BRUZ.

ISK 01 02:59:24.6, 37.80N, 26.28E, h6km, MD2.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like URLA, BLCB, BODT, AYDN, AYDB.

SKO 01 03:08:04.1, 41.93N, 23.20E, h23km, M1.2, ML1.6

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VTS, VAY, VAY, VAY, VAY, NVR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NVR, NVR, KNT, KNT, SOH, SOH, SOH, GRG, GRG, BARS, BARS, HORT, HORT, KAVA, KAVA, ZAPS, ZAPS, PLG, PLG, OLR, OLR, SELS, SELS.

IDC 01 03:10:14.4.1.8, 17.11S, 177.85W, h0km, mb4.2/4, mb1 4.4/4, mb1mx3.8/3, mbtmp4.2/4, MS3.3/1, Ms1 3.3/1, ms1mx2.7/25, Error ellipse: s-maj=166.5km s-min=31.0km az=156.0, Fiji Islands region

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

GUC 01 03:18:26.0.0.7, 34.31S, 72.43W, h10km, 2km, ML3.6, 3C-3D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LNV, U73B, U69B, U69B, NICH, NICH, TALC, TALC, TACH, TACH, CHCH, CHCH, SAN, SAN, CLCH, CLCH, COCH, COCH, PEL, PEL.

ISC/JB 01 03:45:33.9.0.3, 13.25N, 0.0688S, 50W, 0.07, h150km, mb4.0/32, Error ellipse: s-maj=12.3km s-min=2.3km az=138.7

NEIC 01 03:45:34.5.0.8, 13.33N, 88.53W, h139km, 3km, mb4.2/26, Error ellipse: s-maj=18.4km s-min=13.0km az=214.4

IDC 01 03:45:35.2.2.1, 13.42N, 88.39W, h152km, 24km, mb3.6/9, Ms1 3.8/11, mb1mx3.5/33, mbtmp4.0/11, MS3.0/2, Ms1 3.0/2, ms1mx2.5/25, Error ellipse: s-maj=38.2km s-min=18.8km az=31.0

CASC 01 03:45:40.2.1.6, 13.01N, 88.26W, h123km, 43km, MD4.5, mb4.2(NEIC)

ISC 01 03:45:34.5.0.7, 13.3N, 0.1x88.5W, 0.1, h150km, n183, r130/186, mb4.1/32, 2C, El Salvador

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SNET, GBSZ, NY14, CUI, VCR, VCR, AMAS, JTS, JTS, JTS, JCR, JCR, CAO, CAO, CGAZ, CGAZ, QCR, QCR, URSC, URSC, BUS, BUS, CTRC, CTRC, CMIG, CMIG.

034A Hebronville 16.70 327 P Pn 03 49 21.0 +1.2

934A Benavides 17.05 328 P Pn 03 49 25.7 +1.7

933A Laredo 17.45 326 P Pn 03 49 29.6 +0.8

736A Circle Diamond 17.52 334 P Pn 03 49 31.2 +1.6

636A Smothers Creek 17.97 335 P Pn 03 49 35.8 +0.8

833A Chaparral WMA 18.08 328 P Pn 03 49 36.0 -0.3

733A Divot King Ranch 18.35 329 P Pn 03 49 38.6 -0.8

832A Faith Ranch, C 18.36 326 P Pn 03 49 38.5 -1.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like 633A, VBMS, 534A, 338A, 337A, 632A, NATX, 435B, 533A, 631A, 434A, 335A, LRAL, 532A, JCT, JCT, 531A, 138A, 432A, 333A, 136A, 530A, 431A, 234A, 332A, 135A, 237A, 430A, 529A, 519A, 232A, 236A, Y39A, 429A, TXAR, TXAR, Y38A, 133A, 330A, Y37A, MIAR, MIAR, Y36A, ABTX, 230A, 329A, Y35A, SWET, 233A, X38A, X37A, Y34A, 229A, 130A, X36A, W38A, CPCT, 231A, TKL, KMCS, 228A, 129A, X34A, W36A, Z30A, X33A, W35A, X32A, W34A, PBMO, W33A, Z28A, V35A, U38A, X31A, Y29A, U37A, W32A.

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1d 6h

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

IDC 01 06:04:47.2:6.6,26.69N,54.56E, h0km, mb3.9/3, mb1.3/7.3, mb1mx3.2/39, mbtmp3.7/3, MS3.2/2, Ms1 3.2/2, ms1mx2.6/26, Error ellipse: s-maj=127.6km s-min=52.8km az=113.0, Southern Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GEYT, BRTR, ZALV, FINES, TORD, etc.

SJA 01 06:05:08.1:0.4, 37.39S:75.81W, h33km, ML4.2
ISCJB 01 06:05:37.0:0.6, 36.04S:0.03:73.51W, h0km, mb3.9/5, Error ellipse: s-maj=7.1km s-min=4.8km az=169.4

IDC 01 06:05:37.0:1.7, 36.25S:73.32W, h0km, mb3.9/6, mb1.4/0.8, mb1mx3.9/21, mbtmp3.9/8, ML3.2/2, Error ellipse: s-maj=30.9km az=148.0

GUC 01 06:05:39.0:4.0, 36.12S:73.42W, h24km, 2km, ML4.8
ISC 01 06:05:39.0:4.0, 36.11S:0.04:73.41W, h0km, n28, r146/37, mb4.0/5, 1C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like COCH, CCSP, U14B, LNCH, TALC, NICH, AAGR, ARCO, CFAA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AUSP, ASAL, RTLS, RTVC, CFAA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RTLL, ACAN, AMOG, MRA, SUCO, VCA, YCA, CPUP, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LPAZ, TXAR, NVAR, TORD, ASAR, etc.

AUST 01 06:12:30.7:0.98S:135.00E, h0km
IDC 01 06:12:36.6:1.1, 1.45S:134.42E, h0km, mb3.9/4, mb1.4/1.7, mb1mx3.9/20, mbtmp3.9/7, ML3.9/3, MS3.0/2, Ms1 3.1/2, ms1mx2.6/27, Error ellipse: s-maj=26.3km s-min=17.8km az=26.0

ISCJB 01 06:12:39.5:0.5, 1.47S:0.07:134.37E:0.43, h29km, mb3.9/4, MS3.0/2, Error ellipse: s-maj=9.5km s-min=4.9km az=173.8

DJA 01 06:12:39.7:0.4, 1.54S:133.4E, h12km, 3km, M4.4/6, mb4.3/1, m5.0/1, MLV4.4/6, Mw(MB)4.2/1
ISC 01 06:12:40.9:0.7, 1.45S:0.08:134.40E:0.04, h29km, n19, r152/22, mb3.9/4, Irian Jaya region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RKPI, BKPI, SRI, FAKI, SJI, SIJI, SWI, SMPJ, KDU, MTN, KNRA, WRA, ASAR, LEM, CMAR, SONMI, MKAR, ILAR, etc.

Error ellipse: s-maj=5.4km s-min=1.2km az=106.0
BEO 01 06:22:15.5:0.6, 41.19N:20.14E, h7km, 3km, ML3.0/1
THE 01 06:22:16.0:1.4, 20N:20.02E, h12km, ML3.2/7, Error ellipse: s-maj=1.0km s-min=0.5km az=0.0

CSEM 01 06:22:16.6:0.1, 41.17N:19.94E, h20km, ML3.4, Error ellipse: s-maj=2.9km s-min=2.4km az=29.0
TIR 01 06:22:16.2:2.2, 41.21N:20.04E, h20km, 17km, ML3.4
SKO 01 06:22:16.9, 41.22N:20.10E, h1km, M2.6, ML3.0
ISCJB 01 06:22:16.1:0.4, 41.17N:0.02:19.94E:0.02, h22km, 3km, Error ellipse: s-maj=3.4km s-min=2.7km az=40.0

ISC 01 06:22:16.1:0.9, 41.18N:0.02:19.98E:0.02, h14km, 7km, n150, r087/216, 23C-21D, Albania

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

comp=N, 1um, 1.1s
OHR Ohrid 0.62 96 I/Pg Sg 06 22 27.4 -0.9

comp=E, 1um, 0.6s
OHR Ohrid 0.62 96 I/Pg Sg 06 22 27.4 -0.9

comp=E, 1um, 0.6s
KBN Korca 0.83 132 I/Pg Sg 06 22 32.7 +0.4

comp=E, 122um, 0.4s
KBN Korca 0.83 132 I/Pg Sg 06 22 32.5 +0.2

comp=E, 56um, 0.5s
U14B Concepcin 0.79 160 I/Pg Sg 06 06 06.3 +0.4

comp=E, 55um, 0.4s
LNCH Linares 1.49 80 eP Pn 06 06 06.6 +0.4

comp=E, 33nm, 0.8s
AUSP Usapallata 5.12 42 iP Pn 06 06 57.3 +1.0

comp=E, 55nm, 0.4s
VAGA Valle Agricola 4.33 275 Pn Pn 06 23 19.8 -0.3

comp=E, 70nm, 0.8s
VAGA Valle Agricola 4.33 275 Pn Pn 06 23 21.6 0.0

comp=E, 131nm, 0.8s
CERA Filignano 4.50 277 Pn Pn 06 23 23.7 -0.2

comp=E, 7.0nm, 0.4s
ARR Arges 5.39 38 I/Pg Sg 06 23 37.1 +1.0

comp=E, 248nm, 0.3s
PDG Podgorica 1.36 337 eP Pn 06 22 40.7 +1.0

comp=E, 248nm, 0.3s
PDG Podgorica 1.36 337 I/Pg Sg 06 22 40.7 +1.0

comp=E, 248nm, 0.3s
PDG Podgorica 1.36 337 I/Pg Sg 06 22 40.7 +1.0

comp=E, 248nm, 0.3s
PDG Podgorica 1.36 337 I/Pg Sg 06 22 40.7 +1.0

comp=N, 190nm, 0.2s
AFSR Af ar-Bala (A) 0.53 74 eP Pn 06 52 36.7 -0.2

comp=N, 190nm, 0.2s
AFSR Af ar-Bala (A) 0.53 74 eP Pn 06 52 36.7 -0.2

comp=N, 190nm, 0.2s
AFSR Af ar-Bala (A) 0.53 74 eP Pn 06 52 36.7 -0.2

comp=N, 190nm, 0.2s
AFSR Af ar-Bala (A) 0.53 74 eP Pn 06 52 36.7 -0.2

comp=N, 190nm, 0.2s
AFSR Af ar-Bala (A) 0.53 74 eP Pn 06 52 36.7 -0.2

comp=N, 190nm, 0.2s
AFSR Af ar-Bala (A) 0.53 74 eP Pn 06 52 36.7 -0.2

comp=N, 190nm, 0.2s
AFSR Af ar-Bala (A) 0.53 74 eP Pn 06 52 36.7 -0.2

comp=N, 190nm, 0.2s
AFSR Af ar-Bala (A) 0.53 74 eP Pn 06 52 36.7 -0.2

comp=N, 190nm, 0.2s
AFSR Af ar-Bala (A) 0.53 74 eP Pn 06 52 36.7 -0.2

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

ISC 01 06:23:41.0:0.7, 36.08S:73.44W, h27km, 6km, ML3.5, 1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like COCH, COCH, CCSP, U14B, etc.

comp=N, 7um, 0.4s
LNCH Linares 1.51 82 eP Pn 06 24 08.1 -0.6

comp=N, 7um, 0.4s
LNCH Linares 1.51 82 eP Pn 06 24 08.1 -0.6

comp=N, 7um, 0.4s
LNCH Linares 1.51 82 eP Pn 06 24 08.1 -0.6

comp=N, 7um, 0.4s
LNCH Linares 1.51 82 eP Pn 06 24 08.1 -0.6

comp=N, 7um, 0.4s
LNCH Linares 1.51 82 eP Pn 06 24 08.1 -0.6

comp=N, 7um, 0.4s
LNCH Linares 1.51 82 eP Pn 06 24 08.1 -0.6

comp=N, 7um, 0.4s
LNCH Linares 1.51 82 eP Pn 06 24 08.1 -0.6

comp=N, 7um, 0.4s
LNCH Linares 1.51 82 eP Pn 06 24 08.1 -0.6

comp=N, 7um, 0.4s
LNCH Linares 1.51 82 eP Pn 06 24 08.1 -0.6

comp=N, 7um, 0.4s
LNCH Linares 1.51 82 eP Pn 06 24 08.1 -0.6

comp=N, 7um, 0.4s
LNCH Linares 1.51 82 eP Pn 06 24 08.1 -0.6

comp=N, 7um, 0.4s
LNCH Linares 1.51 82 eP Pn 06 24 08.1 -0.6

comp=N, 7um, 0.4s
LNCH Linares 1.51 82 eP Pn 06 24 08.1 -0.6

comp=N, 7um, 0.4s
LNCH Linares 1.51 82 eP Pn 06 24 08.1 -0.6

comp=N, 7um, 0.4s
LNCH Linares 1.51 82 eP Pn 06 24 08.1 -0.6

comp=N, 7um, 0.4s
LNCH Linares 1.51 82 eP Pn 06 24 08.1 -0.6

comp=N, 7um, 0.4s
LNCH Linares 1.51 82 eP Pn 06 24 08.1 -0.6

comp=N, 7um, 0.4s
LNCH Linares 1.51 82 eP Pn 06 24 08.1 -0.6

comp=N, 7um, 0.4s
LNCH Linares 1.51 82 eP Pn 06 24 08.1 -0.6

comp=N, 7um, 0.4s
LNCH Linares 1.51 82 eP Pn 06 24 08.1 -0.6

comp=N, 7um, 0.4s
LNCH Linares 1.51 82 eP Pn 06 24 08.1 -0.6

comp=N, 7um, 0.4s
LNCH Linares 1.51 82 eP Pn 06 24 08.1 -0.6

comp=N, 7um, 0.4s
LNCH Linares 1.51 82 eP Pn 06 24 08.1 -0.6

comp=N, 7um, 0.4s
LNCH Linares 1.51 82 eP Pn 06 24 08.1 -0.6

comp=N, 7um, 0.4s
LNCH Linares 1.51 82 eP Pn 06 24 08.1 -0.6

PDG 01 06:22:15.2:0.3, 41.14N:19.94E, h20km, MD3.2/2, ML3.2/11, Error ellipse: s-maj=0.6km s-min=0.6km az=0.0
ROM 01 06:22:15.2:0.3, 41.10N:19.89E, h10km, MD3.18, M13.4/8, Error ellipse: s-maj=51.7km s-min=31.9km az=150.0

ISCJB 01 06:55:54.9, 1.7, 36.105S, 0.07, 73.53W, 0.08, h15km, 15km, mb3.7/4, Error ellipse: s-maj=13.4km s-min=8.7km az=139.1

GUC 01 06:55:55.0, 0.6, 36.09S, 73.45W, h31km, 5km, ML3.4

ISC 01 06:55:56.0, 2.9, 36.155S, 0.05, 73.32W, 0.08, h16km, 17km, n17, c070/23, mb3.8/4, 2D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like COCH, CCSP, U14B, LNCH, TALC, etc.

IDC 01 07:14:08.9, 3.1, 25.86N, 62.87E, h0km, mb3.7/8, mb1 3.8/8, mb1mx3.5/7.9, mbtmp3.7/8, MS3.4/3, Ms1 3.4/3, ms1mx2.7/5.0, Error ellipse: s-maj=64.0km s-min=28.6km az=154.0, Southwestern Pakistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like KBZ, AKTO, MKAR, etc.

NEIC 01 07:22:22.2, 52.54N, 169.14W, h12km, ML3.1(AEIC), After AEIC.

IDC 01 07:22:31.0, 8.7, 52.22N, 166.84W, h0km, mb3.6/2, mb1 3.7/4, mb1mx3.2/7.3, mbtmp3.4/4, ML3.2/2, Error ellipse: s-maj=161.8km s-min=48.3km az=90.0

ISC 01 07:22:32.6, 2.0, 52.62N, 0.1, 169.0W, 0.2, h10km, n24, c109/20, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like NIKH, OKWR, OKCE, etc.

BUI 01 07:25:02.0, 31.58S, 179.96E, h390km, mb5.1/24, mB5.0/15

ISCJB 01 07:25:02.1, 0.3, 31.56S, 0.03, 179.75E, 0.03, h378km, 4km, mb4.8/54, Error ellipse: s-maj=5.8km s-min=4.0km az=146.7

GCMT 01 07:25:03.4, 0.2, 31.29S, 179.93E, h391km, 1km, MW5.4/86, Moment Tensor Solution, s86,c139; Duration: 1s2 Moment tensor; Scale 10^11N; Mn: 1.2, 0.4; Mb: 0.32, 0.7; M0: 1.45e, 0.6; Me: 0.71, 0.6; Mw: 0.37, 0.6; Mr: 0.22, 0.6; Best double couple; Mo: 1.53800e+17 Np1: 39.00000e, 856.00000e, 1.52.00000e, NP2: 164.00000e, 649.00000e, 1.133.00000e. Principal axes: T 1.5330, Pz4.0000, Azm103.0000; N 0.0110, Pz131.0000, Azm195.0000; P -1.5430, Pz159.0000, Azm6.0000; nstia1 refers to body waves, cutoff=

NEIC 01 07:25:03.4, 0.5, 31.52S, 179.74E, h385km, 5km, mb4.8/9 Error ellipse: s-maj=6.2km s-min=4.4km az=138.0

AUST 01 07:25:04.0, 0.7, 31.40S, 179.81W, h398km, 8km, Error ellipse: s-maj=15.4km s-min=7.5km az=133.0

IDC 01 07:25:11.9, 1.2, 31.49S, 179.71E, h470km, 12km, mb4.3/26, mb1 4.5/26, mb1mx4.3/48, mbtmp5.1/26, Error ellipse: s-maj=10.0km s-min=9.0km az=9.0

MOS 01 07:25:12.3, 1.1, 31.42S, 179.56E, h476km, mb5.0/19, Error ellipse: s-maj=15.1km s-min=12.5km az=122.8

ISC 01 07:25:03.0, 0.3, 31.55S, 0.04, 179.89E, 0.05, h385km, 2km, h385km, P, n850, c1827/911, mb4.9/52, 51C-49D, Kermadec Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MXZ, MXZ, KUZ, WUZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like KBZ, KBZ, AKTO, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like AFI, ARMA, ARMA, etc.

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CTA, CTA, CTA, etc.

1d 7h

2010 AUG

Table with columns for station name, frequency, power, and other technical details. Includes stations like ASAJ, IPM, ATKA, PSI, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Y12C, 214A, 214A, WAKR, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CD2, CD2, CD2, SRU, etc.

K22A	baz=100 Casper	100.00	46	P	Pdf	07 38 06.3 +1.1
H20A	Greybull	100.14	44	P	Pdf	07 38 07.0 +1.3
H121A	Big Trails, Te	100.18	45	P	Pdf	07 38 06.7 +0.7
J22A	Midwest	100.44	45	P	Pdf	07 38 07.9 +0.7
K23A	Bowen Ranch, D	100.61	46	P	Pdf	07 38 08.9 +1.0
CPUP	Villa Fiora	100.67	30	PKKPbc		07 54 19.0 -1.2
I22A	9 Mile Ranch,	100.71	45	P	Pdf	07 38 09.4 +1.1
W32A	Sentinel	100.79	55	P	Pdf	07 38 09.9 +1.2
H24A	Dirks Ranch, A	102.34	45	P	Pdf	07 38 16.4 +0.9
SONM	Songio Array	102.79	319	PP		07 42 33.6 -3.6
SONM	comp=2.1,3nm,0.7s,ba	102.79	319	PKKPbc		07 54 14.9 -0.5
INX	Inuvik	105.38	16	PKIKP		07 42 39.1 -0.5
ECSD	EROS Data Cent	106.78	49	P	PKIKP	07 42 42.4 -0.7
H33A	Prehn Over Nor	107.13	48	P	PKIKP	07 42 43.6 -0.1
K35A	Storm Lake	107.21	50	P	PKIKP	07 42 43.6 -0.2
YKA	Yellowknife Ar	107.27	26	PKIKP		07 42 42.6 -0.7
H34A	Spellman Lake,	107.51	48	P	PKIKP	07 42 44.8 0.0
B30A	Myrvik Farm, E	107.90	44	P	PKIKP	07 42 44.9 0.0
AGMN	Agassiz Nation	109.30	45	P	PKIKP	07 42 47.0 -0.6
HDL	Hopedale	110.28	54	P	PKIKP	07 42 49.8 +0.1
SHIF	Schofer Farm	111.74	55	P	PKIKP	07 42 52.5 +0.1
SFIN	Schofer Farm	111.74	55	ePKP		07 42 56.1 +3.7
SFIN	comp=2.1,3nm,0.7s,ba	111.74	55	PKIKP		07 42 56.1 +3.7
EYMN	Ely	111.82	46	P	PKIKP	07 42 52.0 -0.4
WMQ	Ururugi	112.51	308	ePKP		07 42 54.2 +0.3
COWI	Conover	112.59	49	ePKP		07 42 52.8 -1.1
BDFB	Brasilia	114.33	128	PKP		07 42 58.2 -0.1
BDFB	comp=2.2,6nm,0.9s,ba	114.33	128	PKKPbc		07 53 38.7 +0.6
BDFB	comp=2.2,3nm,0.6s,ba	114.33	128	PKP		07 42 58.2 -0.1
BDFB	comp=2.3,0nm,0.9s			PKP		
BOSA	Bosho	115.48	205	PKP		07 43 00.3 0.0
BOSA	comp=2.3,0nm,0.6s,ba	115.48	205	PKKPbc		07 53 40.2 -4.0
BOSA	comp=2.5,7nm,0.8s,ba	115.48	205	PKKPbc		07 43 00.3 0.0
BOSA	comp=2.3,0nm,0.6s			PKP		
MK31	Makanchi Array	117.12	310	PKIKP		07 43 01.6 -1.0
MKAR	Makanchi Array	117.12	310	PKP		07 43 01.5 -1.1
MKAR	comp=2.1,3nm,0.9s,ba	117.12	310	PKKPbc		07 53 29.4 +0.5
MKAR	comp=2.1,0nm,0.6s,ba	117.12	310	PKP		07 56 37.4 -1.7
MKAR	comp=2.0,9nm,0.9s,ba	117.12	310	PKKPbc		07 43 01.5 -1.1
MKAR	comp=2.1,3nm,0.9s			PKP		
MKAR	comp=2.1,0nm,0.6s			PKP		
MKAR	comp=2.1,0nm,0.6s			PKP		
ZALV	Zalesovo Beam	117.68	318	PKP		07 43 02.1 -1.3
ZALV	comp=2.6,0nm,0.6s			PKP		
ZALV	comp=2.6,0nm,0.6s			PKP		
PDGK	Podgornoye	117.94	306	PKIKP		07 43 03.6 -0.6
PDGK	comp=2.30nm,1.0s			PKP		
LRS	Resolute Bay	118.87	85	ePKP		07 43 06.0 -0.8
RES	Resolute Bay	118.89	18	PKP		07 43 04.0 -1.1
RES	comp=2.1,3nm,0.8s,ba	118.89	18	PKKPbc		07 43 04.1 -1.1
RES	comp=2.1,3nm,0.8s,ba	118.89	18	PKP		
KSH	Kashi	119.26	301	PKP		07 43 07.7 +0.6
ULHL	Ulhal	119.89	304	P	PKP	07 43 07.3 -1.1
TKM2	Tokmak 2	120.54	304	P	PKP	07 43 08.8 -0.8
TKM2	SNR=12					
TKM2	comp=2.25nm,0.8s			PKP		
KZA	Kyzart	120.55	303	P	PKP	07 43 10.3 +0.4
KBA	Karagaybulak	120.92	304	P	PKP	07 43 10.3 0.0
CHMS	Chumysh	121.16	304	P	PKP	07 43 09.7 -0.8
FRU	Bishkek	121.20	304	iPKIKP		07 43 10.0 -0.6
FRU	SNR=15					
SFK	Sufi-Kurgan	121.22	300	PKIKP		07 43 10.9 -0.1
AAK	Ala-Archa	121.24	304	P	PKP	07 43 10.9 0.0
USP	Ospenovka	121.40	304	P	PKP	07 43 10.8 -0.2
AML	Almayashu	121.67	303	P	PKP	07 43 12.3 +0.3
EKS2	Erkin-Say	121.76	304	P	PKP	07 43 12.0 +0.2
NCB	Newcomb	121.94	55	ePKP		07 43 11.4 -0.6
KK31	Karatay Array	124.19	303	iPKIKP		07 43 15.8 -0.5
KK31	comp=2.1,7nm,0.7s			PKP		
KKAR	Karatay Array	124.19	303	ePKP		07 43 16.0 -0.3
WVL	Waterville	125.27	55	ePKP		07 43 17.7 -0.6
BVA0	Borovoye Array	125.95	315	PKIKP		07 43 18.6 -0.7
BVA0	comp=2.49nm,1.0s			PKP		
BRVK	Borovoye	126.02	315c	iPKIKP		07 43 19.1 -0.3
BRVK	comp=2.45nm,1.0s			PKP		
BRVK	Borovoye	126.02	315	ePKP		07 43 19.2 -0.3
LS2B	Lusaka	126.09	214	ePKP		07 43 21.5 +0.6
TSUN	Usnebe	126.78	204	ePKP		07 43 22.3 +0.1
POI	Presque Isle	126.78	55	ePKP		07 43 20.2 -0.9
EMMW	East Machias	126.84	55	ePKP		07 43 21.1 -0.2
FRB	Frisher Bay	127.30	31	PKP		07 43 20.7 -0.8
FRB	comp=2.12nm,0.7s,ba	127.30	31	PKKPbc		07 43 20.7 -0.8
FRB	comp=2.12nm,0.7s,ba	127.30	31	PKP		
SCHO	Schefferville	128.31	43	PKP		07 43 23.2 -0.6
SVE	Sverdlovsk	131.63	320	PKP		07 43 29.6 -0.4
KMBO	Kilima Mbogo	131.93	235	PKP		07 43 32.8 +0.5
KMBO	comp=2.2,5nm,0.4s,ba	131.93	235	PKKPbc		07 46 20.5
KMBO	comp=2.11nm,0.9s,ba	131.93	235	PKP		07 43 32.8 +0.5
KMBO	comp=2.3,0nm,0.4s			PKP		
KMBO	comp=N,11nm,0.9s			PKP		
KBS	Kingsbay	132.24	357	ePKP		07 43 30.5 -0.1
AKBAR	Akbulak array	132.26	310	ePKP		07 43 31.1 -0.4
GEYT	Aibek	132.78	204	ePKP		07 43 31.6 -0.6
GEYT	comp=N,14nm,0.8s,ba	132.78	204	SKP		07 46 20.6
ISAL	comp=N,15nm,0.9s,ba	132.78	204	SKP		07 46 20.6

ILLUI	Ilulissat	132.71	22	iP	PKP	07 43 29.5 -2.1
SPA0	Spitsbergen Ar	132.71	355	eP	PKP	07 43 30.9 -0.6
SPITS	Spitsbergen Ar	132.71	355	SKP	SKPbc	07 46 20.4 -1.5
ARU	Arti	132.81	320	iPKIKP		07 43 31.6 -0.6
ARU	Arti	132.81	320	ePKP		07 45 58.8
DAG	Danmarks Havn	133.88	6	iP	PKP	07 43 32.2 0.0
DAG	Danmarks Havn	133.88	6	ePKP		07 43 30.8 -2.9
PRGR	Pernmogore	137.90	329	e	PKP	07 43 30.8 -2.9
PRGR	comp=2.13nm,0.9s			PKP		07 43 39.3 -2.2
NRS	Narsarsuaq	138.29	31	iP	PKP	07 43 25.1
NRS	Narsarsuaq	138.29	31	iPKIKP		07 43 25.1
LVS	Larsuaq	138.36	341	iPKIKP		07 43 44.8 +2.5
LVZ	comp=2.27nm,1.7s			PKP		
ARCES	ARCESS Array B	139.30	347	PKHXP		07 43 34.7
ARCES	comp=2.8,2nm,0.8s,ba	139.30	347	PKP		07 43 44.8 +0.9
ARCES	comp=2.17nm,0.7s,ba	139.30	347	PKP		07 55 18.6 -4.1
ARCES	comp=2.2,1nm,0.8s,ba	139.30	347	PKP		07 43 34.7
ARCES	comp=2.2,1nm,0.8s,ba	139.30	347	PKHXP		07 43 44.8
ARCES	comp=2.8,0nm,0.8s			PKP		
ARCES	comp=2.17nm,0.7s			PKP		
AREO	ARCESS Array S	139.30	347	e	PKP	07 43 36.7
DGRG	David-gareji	142.50	298	e	PKP	07 43 47.9 -2.7
GNI	Garni	142.97	296	iPKIKP		07 43 48.8 -2.8
GNI	Garni	142.97	296	iPKIKP		07 43 49.7 -1.9
GNI	Garni	142.97	296	ePKP		07 43 49.3 -2.3
TBLG	Delisi	142.97	299	P	PKP	07 43 48.5 -2.9
TBLG	Delisi	142.97	299	PKIKP		07 43 48.5 -2.9
HKR	Hakkari	143.64	292	ePKP		07 43 51.5 +0.2
VRHR	Novokhopersk	143.69	315	ePKP		07 43 49.3 -1.1
VRHR	comp=N,8.0nm,0.6s			PKP		
VRHR	comp=Z,20nm,0.6s			PKP		
VRHR	comp=Z,20nm,0.6s			PKP		
DYDN	Diyadin	143.77	295	iP	PKP	07 43 52.7 -0.4
ONI	Oni	143.89	300	iP	PKP	07 43 51.8 +0.1
AKH	Akhalkalaki	143.91	298	iP	PKP	07 43 52.3 +0.3
GOF	Gofitskoye	143.97	304	iPKIKP		07 43 51.9 +0.1
KONS	Konsvik	144.12	351	eP	PKP	07 43 50.8 -0.8
KBZ	Khabaz	144.22	302	PKP		07 43 52.4 -0.2
KBZ	comp=2.71nm,1.0s,ba	144.22	302	PKP		07 43 52.4 -0.2
KBZ	comp=2.71nm,1.0s			PKP		
FLOS	Flostrand	144.24	351	eP	PKP	07 43 51.1 -0.8
MOR8	Morana	144.24	350	eP	PKP	07 43 50.2 -1.9
MOR8	comp=2.251nm,1.3s			PKP		07 43 51.9
BORG	Borgarnes	144.27	15	ePKP		07 43 52.4 +0.3
AGRB	Hanur-Agry	144.31	295	eP	PKP	07 43 53.7 +0.3
EATA	Eieskirt	144.69	296	iP	PKP	07 43 55.6 +0.5
OBN	Obninsk	145.04	323	iPKIKP		07 43 54.4 0.0
OBN	comp=Z,454nm,1.0s			PKP		
OBN	Obninsk	145.04	323	ePKP		07 43 54.4 0.0
ARTV	Artvin	145.10	298	iP	PKP	07 43 55.9 +0.1
DAB	Dabul	145.11	298	iP	PKP	07 43 55.9 +0.1
VSR	Storozhevoye	145.13	316	ePKIKP		07 43 54.8 +0.1
VSR	comp=N,70nm,0.9s			PKP		
VSR	comp=E,180nm,0.9s			PKP		
VSR	comp=Z,400nm,0.9s			PKP		
EZM	Ezurum	145.56	296	eP	PKP	07 43 58.1 -0.2
FINES	FINESS Array B	145.56	338	PKPbc		07 43 55.2 0.0
FINES	comp=2.189nm,0.7s,ba	145.56	338	PKPbc		07 43 55.2 0.0
FINES	FINESS Array B	145.56	338	PKIKP		07 43 55.2 0.0
FINES	comp=2.189nm,0.7s			PKP		
SVAN	Sivan-Diyarba	145.68	293	eP	PKP	07 43 57.4 0.0
MZRK	Al-Mazaragh	145.69	288	eP	PKP	07 43 55.2 -1.6
BNGB	Bing'ji	146.10	294	eP	PKP	07 43 57.4 +0.4
NSS	Namsos	146.15	351	eP	PKP	07 43 57.0 -0.8
KBSD	Kabsdagh	146.15	291	eP	PKP	07 43 57.3 +0.2
KOPT	Kop Dagi	146.22	296	iP	PKP	07 43 57.4 -0.5
MEZD	Mezhdag	146.25	291	eP	PKP	07 43 57.0 -0.3
SFNV	Sufian	146.47	289	eP	PKP	07 43 58.9 -0.9
BYAT	Ayd-Intepe-Bay	146.48	297	eP	PKP	07 43 58.4 +0.7
SOC	Sochi	146.53	302	ePKIKP		07 43 57.0 -0.4
SOC	comp=2.100nm,1.4s			PKP		07 44 00.8
SOC	comp=2.100nm,1.4s			PKP		07 47 27.1
SOC	comp=2.100nm,1.4s			PKP		07 50 13.3
SOC	comp=2.100nm,1.4s			PKP		08 05 50.1 -3.0
SOC	comp=2.73nm,0.9s			PKP		
KTUT	Trabzon	146.74	298	eP	PKP	07 43 59.5 -0.8
PTK	Pertek	147.10	294	eP	PKP	07 43 59.5 +0.7
SVRC	Sivrice-ELAZID	147.17	293	eP	PKP	07 44 02.1 +0.4
KELT	Kelkit	147.17	296	iP	PKP	07 44 02.8 +1.1
ELGZ	Elgiz	147.42	293	P	PKP	07 44 03.7 +1.3
URFA	Urfa	147.54	291	eP	PKP	07 44 03.3 +0.9
KEMA	Kemaliye	147.79	295	iP	PKP	07 44 04.2 +1.0
MALT	Malatya	147.86	293	iPKP2		07 44 04.4 +0.9
MALT	Malatya	147.86	293	iPKP2		07 44 02.7 -0.6
ANN	Anapa	147.95	305	iPKP2		07 47 32.7
ANN	comp=2.177nm,1.0s					

GYA	sS	sS	07 40 37.2 +1.7	
GYA	ScP	ScP	07 41 05.6 +0.5	
GYA	ScS	ScS	07 45 06.0 -1.9	
GYA	PMZ			
GYA	comp-Z,20nm,1.0s			
GYA	LN			
GYA	comp-Z,510nm,16.8s			
GYA	LE			
GYA	comp-Z,480nm,17.2s			
GYA	LZ			
GYA	comp-Z,530nm,16.6s			
NWAO	Narrogin (SRO)	34.85 198 P	07 34 53.7 +0.6	
NWAO	comp-Z,14nm,0.8s,baz=328,slow=8.0,SNR=4.4			
NWAO	Narrogin (SRO)	34.85 198 P	07 34 53.7 +0.6	
NWAO	comp-Z,14nm,0.9s			
CMAR	Chiang Mai Arr	35.25 303 P	07 34 56.7 -0.1	
CMAR	comp-Z,2.3nm,0.3s,baz=126,slow=7.4,SNR=16			
CMAR	Chiang Mai Arr	35.25 303 P	07 34 56.7 -0.1	
CMAR	comp-Z,2.0nm,0.3s			
CMMT	Chiang Mai	35.41 303 P	07 34 59.6 +1.4	
CMMT	comp-Z,25nm,1.1s,comp-Z,429nm			
CHTO	Chiang Mai	35.42 303 P	07 34 59.7 +1.5	
CHTO	comp-Z,81nm,1.4s			
CHTO	Chiang Mai	35.42 303 eP	07 34 58.3 0.0	
CHTO	comp-Z,45nm,1.6s			
ENH	Enshi	35.63 329 eP	07 35 00.0 +0.1	
ENH	comp-Z,46nm,1.0s			
KMI	Kunming	36.00 316 pP	07 35 04.8 +1.4	
KMI	comp-Z,13nm,1.0s			
KMI	comp-Z,100nm,5.4s			
KMI	PMZ			
KMI	comp-Z,200nm,8.8s			
KMI	LE			
KMI	comp-Z,130nm,12.2s			
KMI	LZ			
KMI	comp-Z,150nm,17.5s			
MJAR	Matsushiro Arr	37.14 11 P	07 35 10.0 -2.7	
MJAR	comp-Z,1.5nm,0.8s,baz=184,slow=9.9,SNR=9.6			
MJAR	Matsushiro Arr	37.14 11 P	07 35 10.0 -2.7	
MJAR	comp-Z,2.0nm,0.8s			
KSAR	Wonju Array Be	37.22 358 P	07 35 12.4 -0.8	
KSAR	comp-Z,2.3nm,0.7s,baz=174,slow=9.7,SNR=7.6			
KSRS	Korea Array	37.23 358 P	07 35 12.4 -0.9	
KSRS	comp-Z,2.3nm,0.7s,baz=174,slow=9.7,SNR=7.6			
KSRS	Korea Array	37.23 358 P	07 35 12.5 -0.9	
KSRS	comp-Z,2.0nm,0.7s			
XAN	Xi'an	38.97 332 P	07 35 26.8 -1.4	
XAN	comp-Z,18nm,1.0s			
XAN	comp-Z,36nm,4.1s			
XAN	LN			
XAN	comp-Z,98nm,13.3s			
XAN	LE			
XAN	comp-Z,130nm,11.3s			
XAN	LZ			
XAN	comp-Z,180nm,20.5s			
CD2	Chengdu	39.29 324 P	07 35 30.5 -0.4	
CD2	comp-Z,260nm,16.2s			
CD2	WAKE ISLAND Hy 40.73 61 T	07 35 44.2 -0.4		
CD2	WAKE ISLAND Hy 40.74 61 T	07 35 50.7 0.0		
CD2	WAKE ISLAND Hy 40.75 61 T	07 37 01.8 -0.1		
CD2	WAKE ISLAND Hy 40.76 61 T	07 41 28.9 +0.6		
CD2	WAKE ISLAND Hy 40.77 61 T	07 41 52.2 +1.0		
CD2	comp-Z,30nm,0.8s			
CD2	PMZ			
CD2	comp-Z,40nm,4.1s			
CD2	LN			
CD2	comp-Z,290nm,16.8s			
CD2	LZ			
CD2	comp-Z,260nm,16.2s			
H1S3	WAKE ISLAND Hy 40.73 61 T	08 18 35.2		
H1S2	WAKE ISLAND Hy 40.74 61 T	08 18 31.1		
H1S1	WAKE ISLAND Hy 40.75 61 T	08 18 42.2		
H1N1	WAKE ISLAND Hy 41.38 60 T	08 19 26.9		
H1N2	WAKE ISLAND Hy 41.39 60 T	08 19 27.9		
H1N3	WAKE ISLAND Hy 41.40 60 T	08 19 26.4		
BJT	Gaijiatou	41.61 344 P	07 35 48.6 -1.2	
BJT	comp-Z,24nm,1.1s			
BJI	Beijing	41.63 344 P	07 35 48.7 -1.3	
BJI	comp-Z,24nm,1.1s			
BJI	PMZ			
BJI	comp-Z,17nm,1.7s			
BJI	LN			
BJI	comp-Z,100nm,3.7s			
BJI	LE			
BJI	comp-Z,110nm,22.2s			
BJI	LN			
BJI	comp-Z,130nm,23.4s			
BJI	LZ			
BJI	comp-Z,120nm,27.7s			
SNY	Shenyang	41.92 353 P	07 36 05.9 +1.4	
SNY	comp-Z,67nm,6.9s			
SNY	LN			
SNY	comp-N,160nm,21.6s			
SNY	LR			
SNY	comp-E,230nm,14.4s			
SNY	LR			
SNY	comp-Z,140nm,18.9s			
LZH	Lanzhou	43.11 329 eP	07 36 03.0 +0.7	
LZH	comp-Z,45nm,1.4s			
LZH	PMZ			
LZH	comp-Z,150nm,6.5s			
LZH	LN			
LZH	comp-Z,220nm,13.0s			
LZH	LE			
LZH	comp-Z,370nm,14.5s			
LZH	LZ			
LZH	comp-Z,460nm,17.8s			
HHC	Hu-ho-hao-te	43.78 340 eP	07 36 07.4 -0.2	
HHC	comp-Z,1.5nm,0.5s,baz=86,slow=2.5,SNR=5.8			
HHC	S	07 42 33.9 -0.7		
HHC	SS	07 42 57.4 -0.4		
HHC	SS	07 45 42.8 -9.2		
HHC	PMZ			
HHC	comp-Z,18nm,0.9s			
HHC	PMZ			
HHC	comp-Z,76nm,4.1s			
HHC	LN			
HHC	comp-Z,95nm,11.0s			
HHC	LE			
HHC	comp-Z,170nm,10.8s			
HHC	LZ			
HHC	comp-Z,88nm,14.7s			
USRK	Ussuriysk Ar.	43.98 2 P	07 36 08.1 -0.9	
USRK	comp-Z,1.5nm,0.5s,baz=86,slow=2.5,SNR=5.8			
USRK	LR	07 54 40.1		
MDJ	Mudanjiang	44.35 360 P	07 36 13.3 +1.4	
MDJ	comp-Z,100nm,18.8s,baz=175,slow=36			
MDJ	pP	07 36 26.1 +0.3		
MDJ	sP	07 36 32.7 +0.9		
MDJ	eP	07 37 57.9 +1.7		
MDJ	eS	07 42 45.1 +2.6		
MDJ	sS			
MDJ	PMZ			
MDJ	comp-Z,10.0nm,0.9s			
MDJ	PMZ			
MDJ	comp-Z,43nm,5.0s			

MDJ	LN				
MDJ	comp-Z,130nm,20.4s				
MDJ	LE				
MDJ	comp-Z,66nm,20.1s				
MDJ	LZ				
MDJ	comp-Z,170nm,16.9s				
SHL	Shillong	44.38 308 eP	07 36 13.0 +0.2		
LSA	Lhasa	47.02 312 eP	07 36 33.2 -0.7		
LSA	comp-Z,9.6nm,0.5s				
GTA	Gaotai	47.70 329 eP	07 36 32.9 +0.6		
GTA	comp-Z,2.2nm,0.3s,baz=152,slow=7.9,SNR=17				
GTA	comp-Z,2.7nm,0.8s,baz=145,slow=4.9,SNR=3.6				
GTA	comp-Z,5.5nm,18.5s,baz=146,slow=4.1				
GTA	comp-Z,3.0nm,0.8s				
GTA	comp-Z,5.0nm,0.8s				
GTA	comp-Z,3.0nm,0.8s				
GTA	comp-Z,5.5nm,18.5s				
ZAK	Zakamensk	54.92 340 eP	07 37 31.5 -1.0		
ZAK	comp-Z,3.0nm,1.4s				
TLY	Talaya	55.90 341 eP	07 37 39.7 +0.3		
TLY	comp-Z,13nm,1.5s				
TLY	Talaya	55.90 341 eP	07 37 39.4 0.0		
TLY	comp-Z,8.9nm,1.3s				
IRK	Irkutsk	56.17 342 eP	07 37 41.9 +0.6		
IRK	comp-Z,32nm,1.6s				
WMQ	Urumqi	57.36 325 P	07 37 51.0 +1.0		
WMQ	comp-Z,28nm,0.9s				
WMQ	PMZ				
WMQ	comp-Z,44nm,4.0s				
WMQ	LN				
WMQ	comp-Z,220nm,13.0s				
WMQ	LE				
WMQ	comp-Z,160nm,14.0s				
WMQ	LZ				
WMQ	comp-Z,130nm,13.0s				
BOD	Bodaibo	58.90 350 eP	07 37 59.6 -0.7		
BOD	comp-Z,20nm,1.3s				
YAK	Yakutsk	61.80 0 eP	07 38 18.8 -1.2		
YAK	comp-Z,65nm,1.2s				
YAK	comp-N,38nm,1.6s				
YAK	PMZ				
YAK	comp-E,6.0nm,1.5s				
YAK	Yakutsk	61.80 0 eP	07 38 20.1 +0.1		
YAK	comp-E,5.2nm,0.8s				
MK31	Makanchi Array	62.19 325 eP	07 38 22.3 -0.8		
MK31	comp-Z,5.0nm,0.6s				
MKAR	Makanchi Array	62.19 325 P	07 38 22.6 -0.5		
MKAR	comp-Z,3.4nm,0.6s,baz=123,slow=8.2,SNR=44				
MKAR	LR	08 07 55.1			
TKM2	Tokmak 2	64.39 319 eP	07 38 37.2 -0.7		
TKM2	comp-Z,66nm,18.2s,baz=102,slow=39				
TKM2	Tokmak 2	64.39 319 eP	07 38 37.3 -0.7		
TKM2	comp-Z,231nm,0.9s				
SEY	Seymchan	64.97 11 P	07 38 41.1 +0.2		
SEY	comp-Z,6.0nm,0.9s,baz=207,slow=7.0,SNR=5.8				
SEY	Seymchan	64.97 11 P	07 38 41.2 +0.2		
SEY	comp-Z,6.0nm,0.9s				
FRU	Bishkek	65.00 318 eP	07 38 44.0 +2.3		
ZALV	Zalesovo Beam	65.14 333 P	07 38 40.9 -1.4		
ZALV	comp-Z,0.6nm,0.4s,baz=115,slow=6.0,SNR=5.0				
ZALV	LR	08 09 18.4			
ZALV	comp-Z,27nm,18.8s,baz=65,slow=38				
ZALV	Zalesovo Beam	65.14 333 P	07 38 40.9 -1.4		
ZALV	comp-Z,1.0nm,0.4s				
ZALV	MLR				
ZALV	comp-Z,27nm,18.8s				
EKS2	Erkin-Say	65.49 318 eP	07 38 44.9 -0.1		
NVS	Novosibirsk	66.42 333 eP	07 38 52.6 +2.1		
NVS	comp-N,12nm,1.5s				
NVS	PMZ				
NVS	comp-Z,22nm,1.5s				
NVS	PMZ				
NVS	comp-E,12nm,1.4s				
KK31	Karatay Array	67.87 317 iP	07 38 59.2 -0.8		
KK31	comp-Z,4.0nm,0.7s				
BVAO	Borovoye Array	71.95 327 iP	07 39 25.4 +0.6		
BVAO	comp-Z,13nm,1.2s				
BRVK	Borovoye	72.02 327 eP	07 39 26.3 +1.1		
BRVK	comp-Z,18nm,1.4s				
BRVK	Borovoye	72.02 327 eP	07 39 25.0 -0.2		
BRVK	comp-Z,13nm,1.1s				
GEYT	Aibecik	75.44 309 P	07 39 45.7 0.0		
GEYT	comp-Z,8.2nm,0.3s,baz=235,slow=5.2,SNR=3.7				
ABKAR	Abkular array	76.80 321 eP	07 39 52.6 -0.4		
AKTO	Aktyubinsk	78.31 322 LR	08 17 58.1		
AKTO	comp-Z,82nm,18.8s,slow=38				
SVE	Sverdlovsk	78.57 328 eP	07 40 02.7 -0.1		
SVE	comp-Z,49nm,1.3s				
VNDA	Vanda	79.47 173 P	07 40 07.5 +0.2		
VNDA	comp-Z,1.1nm,0.8s,baz=292,slow=3.9,SNR=4.0				
VNDA	LR	08 15 31.4			
VNDA	Vanda	79.47 173 P	07 40 07.5 +0.2		
VNDA	comp-Z,46nm,19.6s,baz=332,slow=36				
VNDA	PMZ				
VNDA	comp-Z,1.0nm,0.8s				
VNDA	MLR				
ARU	Arti	79.56 328 iP	07 40 07.3 -0.9		
ARU	comp-Z,47nm,19.6s				
ARU	Arti	79.56 328 eP	07 40 07.3 -0.9		
ARU	comp-Z,5.0nm,0.7s				
ARU	Arti	79.56 328 eP	07 40 07.6 +0.7		
ARU	comp-Z,14nm,0.9s				
PPT	Papeek	81.24 108 LR	08 15 18.9		
PPT	comp-Z,111nm,18.1s,baz=326,slow=35				
MAW	Mawson	81.38 201 P	07 40 18.7 +1.0		
MAW	comp-Z,2.2nm,0.9s,baz=61,slow=9.5,SNR=3.5				
MAW	Mawson	81.38 201 P	07 40 18.7 +1.0		
MAW	comp-Z,2.0nm,0.9s				
KDKA	Kodiak Island	83.42 32 P	07 40 29.2 +0.7		
KDKA	comp-Z,8.4nm,0.9s,baz=353,slow=2.4,SNR=4.2				
KDKA	Kodiak Island	83.42 32 P	07 40 29.2 +0.7		

KDKA	comp-Z,8.0nm,0.9s			
IM04	Indian Mountain	84.48 24 eP	07 40 34.7 +0.8	
PPLA	Purkeypile	84.55 27 eP	07 40 34.1 -0.3	
PPLA	comp-Z,55nm,1.5s			
CAST	Castle Rocks	84.69 26 eP	07 40 35.7 +0.7	
CAST	comp-Z,11nm,1.2s			
BPAW	Bear Paw Mtn.	85.29 26 eP	07 40 37.6 -0.4	
BPAW	comp-Z,23nm,1.8s			
SEW	Seaward	85.39 30 eP	07 40 38.8 +0.3	
SEW	comp-Z,23nm,1.2s			
TRF	Thorfare Moun	85.49 26 eP	07 40 38.4 -0.8	
TRF	comp-Z,17nm,1.2s			
PMR	Palmer	85.75 28 eP	07 40 40.1 -0.1	
PMR	comp-Z,29nm,1.4s			
MCK	McKinley	86.13 26 eP	07 40 42.6 +0.5	
MCK	comp-Z,31nm,1.4s			
SML	Sawmill	86.16 28 eP	07 40 43.0 +0.7	
SML	comp-Z,6.8nm,1.2s			
PRGR	Permogore			

Table with columns: SFK, Sufi-Kurgan, 3.10 219, Lg, Lg, 07 35 14.9, 07 34 51.2, -3.1, 07 35 42.1

NEIC 01 07:37:26.4, 58.79N; 137.49W, h6km, ML3.1(AEIC), ML3.4(OTT), After AEIC. PGC 01 07:37:27.2, 4.58.79N; 137.44W, h1km, ML3.4/5, 129km

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

JMA 01 07:43:19.7, 10.1, 23.1N; 121.44E, h29km, 3km, M3.1. ISCBJ 01 07:43:20.4, 0.4, 23.09N; 02.121.48E; 0.03, h22km, 4km.

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

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC

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

ISCJB 01 07:47:08.8, 0.8, 40.48N; 0.03; 42.36E; 0.08, h6km, 9km. Error ellipse: s-maj=10.2km s-min=3.9km az=168.9

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

CSEM 01 07:49:38.7, 0.2, 37.24N; 28.24E, h2km, MD2.6, Error ellipse: s-maj=4.0km s-min=3.8km az=35.0

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

NEIC 01 07:50:58.0, 36.77S; 73.23W, h23km, mb3.8/2, ML4.0(GUC), After GUC.

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

SJA 01 08:07:52.7, 0.8, 33.73S; 74.09W, h33km, ML4.5. Error ellipse: s-maj=23.2km s-min=5.9km az=25.0

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

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

WEL 01 08:14:03.3, 0.5, 46.02S; 166.29E, h20km, ML3.5/9, 1D, west coast of South Island

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

IDC 01 08:29:40.1, 1.2, 41.93S; 84.33W, h0km, mb4.0/8, mb1.4/1.9, mb1mx4.0/22, mbtrmp3.9/9, ML2.5/1, MS3.7/12.

NEIC 01 08:29:41.4, 0.7, 41.93S; 84.33W, h10km, mb4.4/2, Error ellipse: s-maj=24.2km s-min=14.1km az=172.0

ISCJB 01 08:29:42.1, 0.7, 41.6S; 0.1-84.3W; 0.2, h10km, mb3.9/10, MS3.8/11, Error ellipse: s-maj=18.7km s-min=14.7km az=173.9

ISC 01 08:29:43.2, 0.9, 41.5S; 0.2-84.4W; 0.2, h10km, n24, s1507/17, mb4.0/10, MS3.8/11, West Chile Rise

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC

NVAR	Mina Array Bea	83.19	52	P	P	09 54 14.8 +0.9
MFID	Camars Ranch	83.33	46	eP	P	09 54 15.1 +0.8
BMN	Battle Mountain	83.33	50	eP	P	09 54 15.5 +1.0
SBC	Santa Barbara	83.37	56	P	P	09 54 15.9 +1.4
MSO	Missoula	83.41	43	P	P	09 54 15.6 +1.0
VES	Vestal, Richgr	83.42	54	P	P	09 54 15.2 +0.5
SLMT	Seeley Lake	83.55	42	eP	P	09 54 15.4 0.0
VRHR	Novokhopersk	83.76	322	eP	P	09 54 15.0 -1.1
VRHR	comp=Z,3.0nm,0.8s				pmax	
VRHR	comp=N,6.0nm,0.5s				pmax	
VRHR	comp=E,6.0nm,0.5s				pmax	
CHMT	Chamberlain Mo	83.82	43	eP	P	09 54 16.7 -0.1
ARVC	Arvin	83.84	55	P	P	09 54 17.4 +0.4
ISA	Isabella	83.95	55	P	P	09 54 17.8 +0.2
CWC	Cottonwood Cre	84.00	54	P	P	09 54 18.5 +0.6
TPH	Tonopah	84.11	52	eP	P	09 54 19.0 +0.5
HLID	Hailey	84.24	46	P	P	09 54 19.0 0.0
HLID	Hailey	84.24	46	eP	P	09 54 18.7 -0.3
MPMC	Manual Prospec	84.57	54	P	P	09 54 21.5 +0.7
EDW2	Edwards Air Fo	84.58	55	P	P	09 54 21.5 +0.8
ELK	Elko	84.65	49	eP	P	09 54 21.8 +0.6
LRM	Limekin Ridge	84.73	43	eP	P	09 54 21.9 +0.4
CIS	Catalina Island	84.74	57	P	P	09 54 21.9 +0.4
HRY	Holler Researc	84.80	42	eP	P	09 54 22.4 +0.8
DLMT	Dillon	84.81	44	eP	P	09 54 22.4 +0.7
MCMT	McKenzie Canyo	84.84	44	eP	P	09 54 22.9 +0.8
FURC	Furnace Creek,	84.92	53	P	P	09 54 23.3 +1.1
BFS	Mount Baldy Ra	85.05	56	P	P	09 54 23.9 +0.7
VSR	Storozhevoje	85.13	323	eP	P	09 54 21.7 -1.3
VSR	comp=N,3.0nm,0.5s				pmax	
VSR	comp=Z,8.0nm,0.5s				pmax	
TPNV	Topopah Spring	85.22	53	P	P	09 54 24.9 +0.9
R11A	Troy Canyon, C	85.23	51	P	P	09 54 25.0 +0.9
R11A	Troy Canyon, C	85.23	51	eP	P	09 54 24.4 +0.4
BOZ	Bozeman (W)	85.33	43	P	P	09 54 25.2 +0.9
BOZ	Bozeman (W)	85.33	43	eP	P	09 54 24.9 +0.6
GSC	Goldstone	85.35	54	P	P	09 54 25.0 +0.4
GSC	Goldstone	85.35	54	eP	P	09 54 25.5 +0.4
SHOC	Shoshone	85.54	54	P	P	09 54 26.1 +0.6
EGMT	Eagleton	85.59	41	P	P	09 54 25.9 +0.4
EGMT	Eagleton	85.59	41	eP	P	09 54 25.7 +0.2
MURC	Murietta	85.62	56	P	P	09 54 26.5 +0.7
KBZ	Khabaz	85.75	315	P	P	09 54 26.2 0.0
KBZ	Khabaz	85.75	315	eP	P	09 54 26.2 0.0
QLMT	Earthquake Lak	85.77	44	eP	P	09 54 28.0 +1.4
HEC	Hector,Ludlow	85.88	55	P	P	09 54 27.5 +0.3
SHPR	Sheep Range	86.19	53	eP	P	09 54 29.8 +1.0
PFO	Pinyon Flat Ob	86.20	56	eP	P	09 54 29.1 +0.2
YFT	Old Faithful	86.31	44	eP	P	09 54 31.8 +2.5
GMRC	Granite Mounta	86.41	55	P	P	09 54 30.4 +0.5
IMW	Indian Meadow	86.46	45	eP	P	09 54 31.3 +1.2
FXWY	Fox Creek	86.50	45	eP	P	09 54 31.5 +1.3
H17A	Grant Village	86.50	44	P	P	09 54 33.2 +2.9
H17A	Grant Village	86.50	44	eP	P	09 54 32.7 +2.4
FINES	FINESS Array B	86.52	335	P	P	09 54 27.6 -2.0
FINES	FINESS Array B	86.52	335	eP	P	09 54 27.6 -2.0
FLWY	Flagg Ranch	86.54	44	eP	P	09 54 31.8 +1.4
DUG	Dugway	86.57	49	P	P	09 54 31.9 +1.4
DUG	Dugway	86.57	49	eP	P	09 54 31.3 +0.8
TPAW	Teton Pass	86.61	45	eP	P	09 54 31.6 +0.8
MOOW	Moose Ponds	86.64	45	eP	P	09 54 31.8 +0.9
REDW	Red Top Meadow	86.72	45	eP	P	09 54 32.3 +1.0
LDFC	Landfair	86.73	54	eP	P	09 54 32.4 +1.0
SNOW	Snow King Moun	86.75	45	eP	P	09 54 32.3 +0.8
LOHW	Long Hollow	86.79	45	eP	P	09 54 32.3 +0.7
HWUT	Hardware Ranch	86.92	47	eP	P	09 54 32.8 +0.6
BC3	Big Chuckawalk	86.97	56	P	P	09 54 33.3 +0.7
FFC	Flin Flon	87.01	32	eP	P	09 54 32.4 +0.3
IRM	Iron Mountain	87.03	55	P	P	09 54 33.6 +0.9
RLMT	Red Lodge	87.07	43	eP	P	09 54 34.7 +1.8
RLMT	Red Lodge	87.07	43	eP	P	09 54 34.3 +1.4
CTU	Camp Tracy	87.14	48	eP	P	09 54 34.1 +0.8
CCUT	Cedar City	87.16	51	eP	P	09 54 34.5 +0.9
NLU	North Lily Mtn	87.19	49	eP	P	09 54 34.5 +0.9
TCUT	Toone Canyon	87.21	47	eP	P	09 54 34.2 +0.5
H19A	Powell	87.43	43	P	P	09 54 36.3 +1.7
Y12C	Blythe	87.66	55	P	P	09 54 36.8 +1.2
MSU	Marysvale	87.66	50	eP	P	09 54 36.6 +0.7
GLA	Glamis	87.67	56	P	P	09 54 36.8 +1.0
H19A	Meeteetse	87.69	44	P	P	09 54 37.0 +1.1
G20A	Bridger	87.71	43	P	P	09 54 36.5 +0.7
PDWC	Parker Dam,Lak	87.76	55	P	P	09 54 37.2 +1.1
BW01	Boulder Array	87.83	45	eP	P	09 54 36.1 -0.4
PDAR	Pinedale Array	87.83	45	P	P	09 54 36.2 -0.4

J19A	Crowheart	87.97	45	P	P	09 54 38.6 +1.5
H20A	Greybull	88.15	43	P	P	09 54 36.7 -1.2
I20A	Ward	88.29	44	P	P	09 54 39.3 +0.7
LAO	LASA Array	88.33	41	P	P	09 54 39.0 +0.3
G21A	Lodge Grass	88.35	42	P	P	09 54 39.2 +0.4
FCC	Fort Churchill	88.54	27	eP	P	09 54 39.0 -0.2
J20A	Shoshoni	88.57	44	P	P	09 54 40.6 +0.7
E22A	Miles City	88.61	41	P	P	09 54 40.2 +0.2
SRU	San Rafael	88.62	49	eP	P	09 54 40.8 +0.5
H21A	Big Horn, Sher	88.71	43	eP	P	09 54 41.7 +1.2
I21A	Big Trails, Te	88.90	44	P	P	09 54 42.4 +0.8
G22A	Briny	88.93	42	P	P	09 54 42.3 +0.7
E23A	Ismay	88.98	41	P	P	09 54 42.7 +1.0
C24A	Savage	89.05	40	P	P	09 54 42.6 +0.6
H22A	Clearmont	89.17	43	P	P	09 54 43.0 +0.3
A25A	Svangstu Ranch	89.17	38	P	P	09 54 42.8 +0.4
F23A	Volborg	89.27	41	P	P	09 54 42.9 -0.1
WUAZ	Wupatki	89.41	53	P	P	09 54 45.3 +1.3
WUAZ	Wupatki	89.41	53	eP	P	09 54 45.5 +1.4
G23A	Biddle	89.51	42	P	P	09 54 44.6 +0.3
J22A	Midest	89.60	44	P	P	09 54 45.2 +0.4
214A	Organ Pipe Nat	89.66	56	P	P	09 54 46.5 +1.4
C25A	Freed Ranch, W	89.67	39	P	P	09 54 45.6 +0.7
A26A	Wade Farm, Ken	89.81	38	P	P	09 54 45.9 +0.5
F24A	Ekalaka	89.81	41	P	P	09 54 46.3 +0.6
O20A	White River Ci	89.81	47	eP	P	09 54 46.0 +0.1
K22A	Casper	89.91	45	eP	P	09 54 46.8 +0.6
PV10	Paradox Valley	89.98	49	eP	P	09 54 47.6 +0.8
PV04	Paradox Valley	90.07	49	eP	P	09 54 47.5 +0.4
E25A	Miller Ranch,	90.15	40	P	P	09 54 47.6 +0.5
H24A	Dirks Ranch, A	90.25	42	P	P	09 54 47.7 0.0
F25A	Bowman	90.39	41	P	P	09 54 48.2 -0.1
PV01	Paradox Valley	90.42	49	eP	P	09 54 48.8 0.0
K23A	Bowen Ranch, D	90.46	44	P	P	09 54 48.9 +0.1
D26A	Manning	90.48	39	P	P	09 54 49.2 +0.6
I24A	Kuemmerle Ranc	90.61	43	P	P	09 54 49.4 0.0
E26A	Carlson Angus	90.73	40	P	P	09 54 50.5 +0.7
W18A	Petrified Fore	90.79	52	P	P	09 54 51.1 +0.6
A28A	Rude Farm, Bot	90.82	37	P	P	09 54 51.4 +1.2
MVCO	Mesa Verde	90.85	50	P	P	09 54 51.9 +1.1
MVCO	Mesa Verde	90.85	50	eP	P	09 54 51.7 +0.8
RSSD	Black Hills	90.87	42	eP	P	09 54 50.8 0.0
F26A	Lodgepole	90.91	40	P	P	09 54 51.2 +0.5
H25A	Fruite	90.91	42	P	P	09 54 51.7 +1.0
D27A	Center	90.99	39	P	P	09 54 51.3 +0.3
B28A	Dugan Ranch, T	91.00	37	P	P	09 54 51.4 +0.4
N23A	Red Feather La	91.07	46	P	P	09 54 53.2 +1.4
SMCO	Snowmass	91.11	48	eP	P	09 54 52.6 +0.5
G26A	Maunine	91.22	41	P	P	09 54 52.9 +0.8
F27A	Lemmon	91.29	40	P	P	09 54 53.5 +1.1
E27A	Garin	91.30	40	P	P	09 54 53.5 +1.1
C28A	Hausauer Farms	91.36	38	P	P	09 54 53.5 +0.9
J25A	Sunshine Ranch	91.36	43	P	P	09 54 53.3 +0.4
A29A	Manning Farm,	91.40	37	P	P	09 54 53.0 +0.2
H26A	Fairpoint	91.43	42	P	P	09 54 53.4 +0.3
B29A	Wagenman Farm,	91.57	37	P	P	09 54 53.9 +0.3
G27A	Dupree	91.59	41	P	P	09 54 54.1 +0.3
MDND	Maddock	91.74	38	P	P	09 54 54.6 +0.2
E28A	Huff	91.75	39	P	P	09 54 55.5 +1.0
ISCO	Idaho Springs	91.78	47	P	P	09 54 56.0 +0.8
ISCO	Idaho Springs	91.78	47	eP	P	09 54 56.0 +0.8
S22A	4UR Ranch, Cre	91.83	49	P	P	09 54 56.0 +0.5
H27A	Howes	91.86	41	P	P	09 54 55.6 +0.5
J26A	Sides Ranch, S	91.86	43	P	P	09 54 56.0 +0.9
A30A	Hoffart Farm,	91.91	36	P	P	09 54 55.6 +0.4
HFS	Hagfors	92.02	338	P	P	09 54 53.4 -2.0
HFS	Hagfors	92.02	338	eP	P	09 54 53.4 -2.0
HFS	comp=Z,2.0nm,0.6s				pmax	
I27A	Quinn	92.15	42	P	P	09 54 57.3 +0.8
B30A	Myrvik Farm, E	92.16	37	P	P	09 54 56.9 +0.6
NB2	NORSAR Subarra	92.22	340	P	P	09 54 55.0 -1.4
NOA	NORSAR Array B	92.22	340	P	P	09 54 54.7 -1.7
NOA	NORSAR Array B	92.22	340	P	P	09 54 54.7 -1.7
NOA	comp=Z,1.0nm,0.6s				pmax	
G28A	Parade	92.36	40	P	P	09 54 58.2 +0.8
ULM	Lac du Bonnet	92.53	34	P	P	09 54 56.7 -1.2
ULM	Lac du Bonnet	92.53	34	eP	P	09 54 56.7 -1.2
ULM	comp=Z,4.0nm,0.7s				pmax	
J27A	Elkhorn Farm,	92.57	42	P	P	09 54 59.4 +1.0
D30A	Buchanan	92.62	38	P	P	09 54 58.6 +0.2
K27A	Flueckinger Fa	92.69	43	P	P	09 54 59.0 0.0
I28A	Midland	92.74	42	P	P	09 54 59.4 +0.3
SDCO	Great Sand Dun	92.77	49	P	P	09 54 60.0 +0.2
SDCO	Great Sand Dun	92.77	49	eP	P	09 55 00.1 +0.4
E30A	Jud	92.84	39	P	P	09 55 00.3 +0.8
LAZ	Ladron	93.03	52	eP	P	09 55 01.9 +1.0

ANMO	Albuquerque	93.31	51	eP	P	09 55 03.2 +1.0
ANMO	comp=Z,1.5nm,1.2s				pmax	
ANMO	Albuquerque	93.31	51	eP	P	09 55 02.8 +0.6
P26A	Davis Ranch, A	93.45	46	P	P	09 55 03.0 +0.4
J29A	Okreek	93.52	46	P	P	09 55 02.6 -0.4
AGMN	Agassiz Nation	93.62	36	P	P	09 55 03.2 +0.2
AGMN	Agassiz Nation	93.62	36	eP	P	09 55 02.5 -0.6
BRTR	Keokuk Array B	93.72	314	P	P	09 55 02.5 -1.3
BRTR	Keokuk Array B	93.72	314	P	P	09 55 02.6 -1.3
BRTR	comp=Z,2.0nm,0.8s				pmax	
T25A	Trinidad	93.82	49	P	P	09 55 06.0 +1.5
R26A	Arlington	93.96	47	P	P	09 55 05.6 +0.6
J30A	Dallas	94.13	41	P	P	09 55 05.8 +0.3
L29A	Maesberg Ranch	94.14	43	P	P	09 55 06.2 +0.5
T26A	Comanche Natio	94.38	48	P	P	0

Table with columns: ID, Name, Az, Alt, P, Phase, Time, Res. Includes entries like FIA0 FINESSE Array S, FINES FINESSE Array B, FINES comp=2.0,1nm,0.3s,baz=350,slow=12,SNR=4.6, etc.

NEIC 01 09:49:39.6, 18.96N-67.64W, h7km, MD3.4(RSPR), After RSPR.

RSPR 01 09:49:39.6, 18.96N-67.64W, h7km, 4km, MD3.4/6, 19C-8D, Mona Passage

Table with columns: Code, Station Name, Az, Alt, P, Phase, Time, Res. Includes entries like IDE Isla Descecho, AGPR Aguadilla, IMO Isla Mona, etc.

BUI 01 09:52:44.9, 52.60N-169.30W, h10km, mb4.7/2, mB5.1/3, Ms4.5/3, Ms7.4/2/3

IDC 01 09:52:44.3-0.8, 52.80N-169.74W, h0km, mb4.0/14, mb1.4/3/15, mb1mx3.9/48, mbmp4.0/15, ML4.2/1, Error ellipse: s-maj=22.7km s-min=16.3km az=165.0

ISCJB 01 09:52:46.6, 1.0, 52.66N-169.34W, h0.06, h13km, 6km, mb4.2/4/1, Error ellipse: s-maj=9.3km s-min=4.6km az=153.0

NEIC 01 09:52:46.8, 52.69N-169.16W, h2km, mb4.3/42, ML3.9(AEIC), After AEIC.

ISC 01 09:52:48.3-1.1, 52.67N-169.19W, 0.05, h14km, 6km, n116, e1556/112, mb4.2/4/1, Fox Islands

Table with columns: Code, Station Name, Az, Alt, P, Phase, Time, Res. Includes entries like NIKH Nikolski High, OKSO Okmok South, OKWR Okmok West Rim, etc.

Table with columns: Code, Station Name, Az, Alt, P, Phase, Time, Res. Includes entries like CAST Castle Rocks, PMR Palmer, SML Sawmill, TRF Thorofare Moun, etc.

Table with columns: ID, Name, Az, Alt, P, Phase, Time, Res. Includes entries like INK Inuvik, YKA Yellowknife Ar, NEW Newport, EDM Edmonton, F10A Beach Ranch, etc.

IDC 01 09:53:37.5-0.7, 52.62N-169.43W, h0km, mb4.3/13, mb1.4/3/16, mb1mx4.1/48, mbmp4.3/16, ML4.2/3, MS3.6/4, Ms1.3/5/4, ms1mx3.3/20, Error ellipse: s-maj=23.4km s-min=15.0km az=161.0

ISCJB 01 09:53:38.4-0.2, 52.66N-169.41W, 0.05, h10km, mb4.6/83, MS3.6/3, Error ellipse: s-maj=5.2km s-min=3.6km az=145.6

BUI 01 09:53:40.5, 52.94N-169.38W, h14km, mb5.0/13, mB5.0/12, Ms4.6/12, Ms7.4/4/12

NEIC 01 09:53:41.9, 52.75N-169.19W, h10km, mb4.6/79, ML4.1(AEIC), After AEIC.

ISC 01 09:53:41.0, 52.84N-169.169, 0.04, h10km, n508, e093/510, mb4.6/83, MS3.7/3, Fox Islands

Table with columns: Code, Station Name, Az, Alt, P, Phase, Time, Res. Includes entries like NIKH Nikolski High, OKSO Okmok South, OKCE Okmok Cone E, etc.

Table with columns: ID, Name, Az, Alt, P, Phase, Time, Res. Includes entries like MGOD Makushin Gods, MSW Makushin Switc, UNV Unalaska Valle, AKUT Akutan, etc.

Table with columns: ID, Name, Az, Alt, P, Phase, Time, Res. Includes entries like H112 WAKE ISLAND Hy 37.87 218 T, RLMT Red Lodge, H113 WAKE ISLAND Hy 37.88 218 T, etc.

DUG	baz=40,SNR=7.7	39.83	85	eP	P	10 01 14.9	+0.1
I19A	Meeteetse baz=40	39.85	78	P	P	10 01 15.2	+0.2
LAO	LASA Array baz=40	40.00	73	P	P	10 01 16.4	+0.3
EDW2	Edwards Air Fo baz=40	40.12	96	P	P	10 01 17.1	-0.2
H20A	Greybull baz=40	40.18	77	P	P	10 01 17.2	-0.5
G21A	Lodge Grass baz=40	40.23	75	P	P	10 01 17.6	-0.5
BW06	Boulder Array 3.6nm,0.9s	40.24	80	eP	P	10 01 17.0	-1.4
PDAR	Pinedale Array 1.6nm,0.5s,slow=3.0,SNR=11	40.24	80	P	P	10 01 16.9	-1.5
J19A	Crowheart baz=40	40.26	79	P	P	10 01 18.4	0.0
E22A	Miles City baz=40,SNR=7.5	40.29	73	P	P	10 01 18.6	0.0
I20A	Worland baz=40	40.41	77	P	P	10 01 19.3	-0.3
F22A	Rosebud baz=40	40.48	74	P	P	10 01 19.7	-0.4
MWC	Mount Wilson 9.8nm	40.53	96	eP	P	10 01 21.4	+0.6
GSC	Goldstone baz=40	40.55	94	P	P	10 01 20.9	+0.1
GSC	Goldstone 11nm,1.2s	40.55	94	eP	P	10 01 20.8	0.0
A25A	Svangstu Ranch baz=40	40.58	68	P	P	10 01 21.1	+0.3
C24A	Savage baz=40,SNR=5.9	40.58	71	P	P	10 01 21.3	+0.5
E23A	Ismay baz=40,SNR=6.4	40.63	72	P	P	10 01 21.9	+0.6
H21A	Big Horn, Sher baz=40	40.66	76	P	P	10 01 22.3	+0.6
FMP	Fort Macarthur baz=41	40.74	97	P	P	10 01 22.8	+0.6
BF5C	Mount Baldy Ra baz=41	40.76	96	P	P	10 01 23.3	+0.7
G22A	Birney baz=41	40.77	75	P	P	10 01 22.9	+0.4
J20A	Shoshoni baz=41	40.78	78	P	P	10 01 23.2	+0.5
D24A	Glendive baz=41,SNR=11	40.86	71	P	P	10 01 23.9	+0.7
CIS	Catalina Islan baz=41	40.88	98	P	P	10 01 24.2	+0.7
B25A	Knox Farm, Ray baz=41	40.90	69	P	P	10 01 24.5	+1.0
I21A	Big Trails, Te baz=41	40.98	77	P	P	10 01 24.7	+0.4
F23A	Volborg baz=41,SNR=11	41.01	73	P	P	10 01 24.9	+0.5
H22A	Clearmont baz=41	41.09	75	P	P	10 01 25.6	+0.4
C25A	Freed Ranch, W baz=41	41.15	70	P	P	10 01 26.2	+0.6
HEC	Hector,Ludlow baz=41	41.16	94	P	P	10 01 26.9	+1.0
CCUT	Cedar City 21nm,1.9s	41.16	89	eP	P	10 01 23.5	-2.5
J21A	Lysite baz=41	41.16	78	P	P	10 01 26.2	+0.3
E24A	Baker baz=41	41.17	72	P	P	10 01 26.6	+0.8
BBRC	Big Bear Solar baz=41	41.19	95	P	P	10 01 26.2	-0.1
A26A	Wade Farm, Ken baz=41	41.20	67	P	P	10 01 26.0	0.0
MSU	Marysvale 7.7nm,1.4s	41.26	87	eP	P	10 01 26.6	-0.2
G23A	Biddle baz=41	41.31	74	P	P	10 01 26.7	-0.2
B26A	Jensen Ranch, baz=41	41.37	68	P	P	10 01 27.6	+0.2
I22A	9 Mile Ranch, baz=41	41.41	76	P	P	10 01 27.8	0.0
D25A	Fairfield baz=41	41.42	70	P	P	10 01 27.5	-0.2
MURC	Murrieta baz=41	41.47	96	P	P	10 01 28.5	+0.1
F24A	Ekialaka baz=41,SNR=7.3	41.49	73	P	P	10 01 28.7	+0.2
GMRC	Granite Mounta baz=41	41.60	94	P	P	10 01 29.7	+0.2
A27A	Ledoux Ranch, baz=41	41.62	67	P	P	10 01 29.7	+0.3
H23A	Clabaugh Catti baz=42	41.66	75	P	P	10 01 29.5	-0.4
J22A	Midwest baz=42	41.70	77	P	P	10 01 29.7	-0.5
E25A	Miller Ranch, baz=42	41.73	71	P	P	10 01 30.9	+0.5
C26A	Wahner Farm, P baz=42	41.75	69	P	P	10 01 29.9	-0.5
G24A	Alzada baz=42	41.80	73	P	P	10 01 30.0	-1.0
KNB	Kanab 8.9nm,1.3s	41.84	89	eP	P	10 01 32.0	+0.5
SRU	San Rafael 2.2nm,0.8s	41.89	85	eP	P	10 01 31.5	-0.4
B27A	Peters Farms, baz=42,SNR=7.5	41.90	68	P	P	10 01 35.4	+3.7
PFO	Pinyon Flat Ob 1.7nm,0.5s,slow=213,SNR=4.2	41.92	96	P	P	10 01 31.2	-0.9
PFO	Pinyon Flat Ob baz=42	41.92	96	P	P	10 01 31.5	-0.6
BELC	Belle Mtn. Jos baz=42	41.92	95	P	P	10 01 32.0	-0.0
F25A	Bowman baz=42	42.02	72	P	P	10 01 32.2	-0.6
109C	Camp Elliot, M baz=42	42.02	97	P	P	10 01 33.3	+0.5
H24A	Dirks Ranch, A baz=42	42.05	74	P	P	10 01 33.4	+0.3
K22A	Casper baz=42	42.12	78	P	P	10 01 33.0	-0.7
K22A	Casper 24nm,1.8s	42.12	78	eP	P	10 01 33.5	-0.2
C27A	Saylor Ranch, baz=42	42.14	69	P	P	10 01 33.7	+0.1
BORC	Borrego Spring Needles Airpor baz=42	42.17	96	eP	P	10 01 32.9	-1.2
NEE2	Needles Airpor baz=42	42.24	93	P	P	10 01 34.7	+0.1
J23A	Ditts Ranch, B baz=42	42.25	76	P	P	10 01 35.1	+0.3
E26A	Carlson Angus baz=42	42.28	71	P	P	10 01 35.4	+0.5
IRM	Iron Mountain baz=42	42.33	94	P	P	10 01 35.7	+0.3
B28A	Dugan Ranch, T baz=42,SNR=5.8	42.38	67	P	P	10 01 35.9	+0.3
MONP	Monument Peak baz=42	42.44	96	P	P	10 01 37.0	+0.5
G25A	Newell baz=42	42.46	73	P	P	10 01 36.4	+0.1
D27A	Center baz=42	42.46	69	P	P	10 01 36.7	+0.4
F26A	Lodgepole baz=42	42.52	72	P	P	10 01 37.2	+0.4
I24A	Kuemmerle Ranc baz=42	42.52	75	P	P	10 01 37.4	+0.4
K23A	Bowen Ranch, D baz=42	42.59	77	P	P	10 01 38.0	+0.5
O20A	White River Ci baz=42	42.62	82	P	P	10 01 37.7	-0.2
O20A	White River Ci 15nm,1.2s	42.62	82	eP	P	10 01 37.2	-0.6
H25A	Fruitdale baz=42	42.68	74	P	P	10 01 38.0	-0.2
RSSD	Black Hills 10nm,1.2s	42.72	75	eP	P	10 01 38.1	-0.6
A29A	Manning Farm, baz=43,SNR=11	42.75	66	P	P	10 01 38.5	-0.1
C28A	Hausauer Farms baz=43	42.77	68	P	P	10 01 39.6	+0.8
SWSC	Sam W. Stewart baz=43	42.78	96	P	P	10 01 39.6	+0.7
J24A	Dixon Ranch, L baz=43	42.82	76	P	P	10 01 39.9	+0.6
E27A	Carson baz=43	42.82	70	P	P	10 01 39.6	+0.4
PDMCI	Parker Dam,Lak baz=43	42.84	93	P	P	10 01 39.8	+0.3
G26A	Maurine baz=43,SNR=7.3	42.87	72	P	P	10 01 39.9	+0.3
F27A	Leimon baz=43	42.88	71	P	P	10 01 39.7	0.0
B29A	Wageman Farm, baz=43	42.94	67	P	P	10 01 40.6	+0.6
Y12C	Blythe baz=43	42.99	94	P	P	10 01 41.0	+0.3
K24A	Anderson Ranch baz=43	43.09	77	P	P	10 01 41.5	0.0
MDND	Maddock baz=43	43.14	67	P	P	10 01 42.2	+0.5
MDND	Maddock 37nm,1.5s	43.14	67	eP	P	10 01 42.6	+0.8
H26A	Fairpoint baz=43	43.16	73	P	P	10 01 42.4	+0.4
G27A	Dupree baz=43,SNR=8.2	43.21	72	P	P	10 01 43.0	+0.6
E28A	Huff baz=43	43.24	70	P	P	10 01 43.1	+0.6
A30A	Hoffart Farm, baz=43	43.26	65	P	P	10 01 42.9	+0.3
GLA	Glamis baz=43	43.28	95	P	P	10 01 43.4	+0.3
J25A	Sunshine Ranch baz=43	43.28	75	P	P	10 01 43.1	0.0
PV04	Paradox Valley baz=43,SNR=6.2	43.32	84	eP	P	10 01 42.5	-1.0
PV05	Paradox Valley baz=43	43.40	85	eP	P	10 01 45.4	+1.2
I26A	New Underwood baz=43	43.46	74	P	P	10 01 44.6	+0.2
B30A	Myrvik Farm, E baz=43,SNR=6.2	43.51	66	P	P	10 01 44.7	-0.1
N23A	Red Feather La baz=43	43.53	80	P	P	10 01 44.7	-0.5
H27A	Hoves baz=43	43.56	73	P	P	10 01 44.9	-0.3
D29A	Pettibone, Tap baz=43	43.58	68	P	P	10 01 44.7	-0.6
F28A	McLaughlin baz=43	43.59	71	P	P	10 01 45.6	+0.2
PV01	Paradox Valley 3.48nm,0.8s	43.69	85	eP	P	10 01 45.3	-1.2
WUAZ	Wupatki baz=44	43.70	90	P	P	10 01 47.2	+0.6
WUAZ	Wupatki 1.0nm,1.1s	43.70	90	eP	P	10 01 45.9	-0.7
K25A	Mack Ranch, Ha baz=44	43.71	76	P	P	10 01 46.6	0.0
J26A	Sides Ranch, S baz=44	43.76	75	P	P	10 01 47.5	+0.6
E29A	Napoleon baz=44	43.84	69	P	P	10 01 47.7	+0.3
C30A	Mose, Pekin baz=44	43.85	67	P	P	10 01 47.7	+0.2
ULM	La du Bonnet 3.1nm,0.7s,slow=295,SNR=4.3	43.87	63	P	LR	10 20 38.0	
ULM	comp-Z,134nm,19.3s,slow=312,slow=37	43.87	63	eP	P	10 01 47.7	+0.2
I27A	Quinn baz=44,SNR=6.0	43.91	73	P	P	10 01 48.0	0.0
G28A	Parade baz=44	43.97	72	P	P	10 01 47.8	-0.7
SMCO	Snowmass 4.0nm,1.1s	43.98	82	eP	P	10 01 50.8	+1.7
D30A	Buchanan baz=44	44.03	68	P	P	10 01 48.5	-0.4
F29A	Eureka baz=44	44.15	70	P	P	10 01 49.3	-0.6
E30A	Jud baz=44	44.29	69	P	P	10 01 50.6	-0.4
M25A	Palm-Egli Farm baz=44	44.32	78	P	P	10 01 52.1	+0.7
MVC0	Mesa Verde baz=44	44.33	85	P	P	10 01 52.3	+0.6
I28A	Midland baz=44,SNR=13	44.46	73	P	P	10 01 52.5	+0.1
G29A	Hoven baz=44	44.47	71	P	P	10 01 52.7	+0.2
L26A	Underwood Farm baz=44	44.52	76	P	P	10 01 53.5	+0.4
K27A	Fleckerling Fa baz=44	44.62	75	P	P	10 01 54.3	+0.5
H29A	Onida baz=44,SNR=7.6	44.64	72	P	P	10 01 54.4	+0.5
J28A	Allard Ranch, baz=45,SNR=9.7	44.76	74	P	P	10 01 55.0	+0.1
M26A	McRoberts Ranc baz=45	44.84	77	P	P	10 01 55.9	+0.3
L27A	TS Ranch, Ells baz=45	44.95	76	P	P	10 01 56.7	+0.3
I29A	Vivian Onida baz=45	44.95	72	P	P	10 01 56.2	-0.2
G30A	Faulkton baz=45,SNR=5.5	44.95	70	P	P	10 01 56.1	-0.2
AGMN	Agassiz Nation baz=45,SNR=9.4	44.96	65	P	P	10 01 56.0	-0.3
AGMN	Agassiz Nation 16nm,1.1s	44.96	65	eP	P	10 01 55.6	-0.7
S22A	4UR Ranch, Cre baz=45	44.99	84	eP	P	10 01 57.6	+0.5
S22A	4UR Ranch, Cre 16nm,1.1s	44.99	84	eP	P	10 01 57.9	+0.8
K28A	Ten Mile Ranch baz=45	45.12	74	P	P	10 01 58.0	+0.2
N26A	Koester Ranch, baz=45	45.19	78	P	P	10 01 59.1	+0.8

1d 10h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BJI, X30A, S34A, W31A, etc.

2010 AUG

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like X37A, 333A, 234A, etc.

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Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like WMO, CD2, KMI, etc.

WEL 01 10:00:56.1, 0.5, 38.145, -176.12E, h157km, 5km, ML3.5/7, 2C, Error ellipse: s-maj=3.9km s-min=3.1km az=90.0,

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res. Includes stations like BKZ, RAHZ, MWZ, etc.

IDC 01 10:06:10.4, 1.3, 52.51N, -169.36W, h0km, mb3.5/4, mb1 3.8/5, mb1mx3.4/42, mbtmp3.4/5, ML3.3/1, Error ellipse: s-maj=60.4km s-min=25.1km az=146.0

NEIC 01 10:06:12.7, 52.73N, -169.26W, h8km, ML3.3(AEIC), After AEIC.

ISC 01 10:06:12.1, 0.9, 52.9N, 0.1x169.44W, 0.09, h10km, n25, o#82/23, mb3.6/4, Fox Islands

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res. Includes stations like NIKH, OKSO, OKWR, etc.

NEIC 01 10:06:15.6, 32.34N, -115.45W, h6km, ML2.7(PAS), ML2.7(EX), After EXC.

ECX 01 10:06:15.3, 0.6, 32.34N, -115.44W, h4km, MD2.6, ML2.8, 8C-2D, California-Baja California border region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res. Includes stations like CPBX, SGL, ERPC, etc.

Table with columns: RDX, Rancho Dawling, 0.59 226, eS, Sg, 10 06 33.9 -0.9, etc.

CSEM 01 10:20:46.6-0.2, 41.86N-23.96E, h2km, MD2.9, Error ellipse: s-maj=7.2km s-min=3.9km az=65.0

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

ICD 01 10:21:08.7-27.0, 20.52S-173.90W, h0km, mb4.2/4, mb1 4.3/4, mb1mx3.8/33, mbtmp4.2/4, Error ellipse: s-maj=499.7km s-min=154.4km az=75.0, Tonga Islands

JMA 01 10:27:25.4-0.2, 24.81N-122.01E, h127km, 2km, M2.4

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

Table with columns: NSK, PCYT, Pengchaiyu, 0.75 1 i P, Pn, 10 27 59.3 -0.4, etc.

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

ICD 01 10:27:45.8-0.6, 2.53S-140.93E, h0km, mb4.2/13, mb1 4.3/15, mb1mx4.2/37, mbtmp4.2/15, M4.2/2, MS3.2/8, Ms1 3.3/8, ms1mx3.1/24, Error ellipse: s-maj=11.6km s-min=5.8km az=2.0

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

Table with columns: WRAB, Tennant Creek, 18.50 199 eP, P, 10 32 03.8 -0.9, etc.

NEIC 01 10:45:18.4, 32.14N-115.20W, h8km, ML3.6(ECX), ML3.7(PAS), After ECX

NEIC 01 10:45:18.3, 0.6, 32.15N-115.20W, h8km, MD3.6, ML3.8, 3C-6D, California-Baja California border region

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

SONM	Songino Array	28.59 305	P	P	11 52 54.3	-0.2
TLY	Talaya	31.17 312	LR	LR	12 06 27.9	
CMAR	Chiang Mai Arr	41.76 257	P	P	11 54 47.5	-0.3
ZALV	Zalesovo Beam	42.76 313	P	P	11 54 54.6	-0.8
MKAR	Makanchi Array	44.91 303	P	P	11 55 12.3	-0.6
KURK	Kurchatov	46.76 309	P	P	11 55 27.2	-0.2
KURBB	Kurchatov Arr	46.83 309	P	P	11 55 27.2	-0.2
PMR	Palmer	48.95 36	P	P	11 55 44.9	+0.8
WRA	Warramunga Arr	56.39 189	P	P	11 56 39.1	+0.5
FINES	FINES Array B	69.69 333	P	P	11 58 08.4	+0.9
NB2	NORSAR Subarra	75.05 338	P	P	11 58 40.3	+0.7
NOA	NORSAR Array B	75.05 338	P	P	11 58 39.1	+0.5
AKAG	Malin Array Be	75.17 323	P	P	11 58 40.0	-0.4
GERES	GERES Array B	83.59 329	P	P	11 59 26.5	0.0

IDC 01 11:48:41.7-4.2,36°02'N,70°56'E,h160km,38km,mb3.1/7,mb1.3/210,mb1mx3.0/51,mbtmp3.5/10,Error ellipse: s-maj=28.1km s-min=21.0km az=8.0

ISCJB 01 11:48:49.3-0.6,36°67'N,0°04:70°33'E,0°08,h204km,mb3.2/6,Error ellipse: s-maj=8.9km s-min=5.3km az=160.8

NNC 01 11:48:49.8-4.9,36°83'N,70°32'E,h0km,mb3.7,mpv3.4,Error ellipse: s-maj=38.8km s-min=20.9km az=1.0

ISC 01 11:48:50.5-0.9,36°58'N,0°08:70°36'E,0°08,h204km,n26,α=82°25,mb3.4/6,4C-6D,Hindu Kush region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	h m s	ISC
DZET	Dzherino	2.45 330	Op Pg	ISC	11 49 33.4	0.0
DZET			↑Lg	Lg	11 50 06.0	
SFK	Sufi-Kurgan	4.13 35	↑Pn	Pn	11 49 55.0	+0.8
SFK			↑Sn	Sn	11 50 44.3	+0.8
MNAS	Manas	6.02 15	↑Pn	Pn	11 50 18.6	+0.5
MNAS			↑Sn	Sn	11 51 27.2	-0.2
KK31	Karatay Array	6.41 1	↑Pn	Pn	11 50 23.6	+0.5
AAK	Ala-Archa	6.74 27	↑Pn	Pn	11 50 26.8	-0.6
AAK			↑Sn	Sn	11 51 43.9	-0.3
TKM2	Tokmak 2	7.41 31	↑Pn	Pn	11 50 36.3	+0.1
GEYT	Alibeck	9.85 281	P	Pn	11 51 03.2	-4.5
MKAR	Makanchi Array	13.44 38	P	Pn	11 51 53.3	-1.9
KOLN	Koldanda	14.28 125	eP	Pn	11 52 07.3	-0.2
AB31	Akbulak array	14.69 332	P	P	11 52 10.6	+1.1
GKN	Gorkha	14.82 122	eP	P	11 52 10.7	-0.7
DMN	Daman	15.39 122	eP	P	11 52 18.0	+0.2
KKN	Kakani	15.40 121	eP	Pn	11 52 18.0	+0.2
PKIN	Phulchoki	15.61 121	eP	Pn	11 52 20.1	-0.2
PKI	Pulchoki	15.62 121	eP	Pn	11 52 20.5	0.0
GUN	Gumba	15.74 119	eP	Pn	11 52 22.0	+1.1
AKTO	Aktyubinsk	16.38 331	↑P	Pn	11 52 35.0	+6.0
AKTO	Aktyubinsk	16.38 331	↑P	Pn	11 52 28.6	-0.3
RAMN	Ramite	16.84 121	eP	Pn	11 52 33.7	-1.2
ZALV	Zalesovo Beam	19.96 26	P	P	11 53 07.3	+0.4
FINES	FINES Array B	37.05 326	P	P	11 55 40.9	+0.3
ARCES	ARCES Array B	40.79 336	P	P	11 56 11.8	+0.5
GERES	GERES Array B	42.42 305	P	P	11 56 25.8	+0.8
NOA	NORSAR Array B	43.94 323	P	P	11 56 36.1	-0.8
TORD	Tordi Ar. Bea	65.23 268	P	P	11 59 06.6	-3.9
WRA	Warramunga Arr	82.51 122	P	P	12 00 44.2	-6.3

IDC 01 11:49:37.9-37.0,4.47N-123.24E,h0km,mb3.9/3,mb1.4/13,mb1mx3.4/46,mbtmp3.9/3,Error ellipse: s-maj=62.4km s-min=33.4km az=147.0,Celebes Sea

WRA Warramunga Arr 26.60 156 P P 11 55 18.4 +0.3

ASAR Alice Springs 29.83 160 P P 11 55 46.5 -0.6

STKA Stephens Creek 40.15 15 P P 11 57 16.0 +0.2

NIED 01 11:52:00.36:40N,141:80E,h17km,Mw4.3 Best double couple: Mo3.21000:1015 NP1:3219.00000:8.21.00000:λ111.00000° NP2:16:10000:8.71.00000:λ82.00000°

IDC 01 11:52:18.4-0.6,36°30'N,141°94'E,h0km,mb4.1/19,mb1.4/226,mb1mx4.1/49,mbtmp4.1/26,ML3.9/6,MS3.6/13,Ms1.3/6/13,ms1mx3.4/34,Error ellipse: s-maj=14.9km s-min=14.3km az=27.1

ISCJB 01 11:52:19.7-0.4,36°32'N,0°04:141°09'E,0°05,h19km,mb4.2/27,MS3.6/9,Error ellipse: s-maj=6.0km s-min=4.4km az=42.1

NEIC 01 11:52:20.1-2.5,36°28'N,142°00'E,h12km,16km,mb4.6/8,MW4.3(NIED),Error ellipse: s-maj=8.0km s-min=6.2km az=111.0

NEIC Recorded [1 JMA] in Fukushima.

JMA 01 11:52:22.0-2.0,36°38'N,141°83'E,h72km,5km,M4.5 JMA Felt 1 J1

ISC 01 11:52:20.8-0.5,36°21'N,0°05:142°01'E,0°06,h19km,n65,α=152°70,mb4.3/27,MS3.7/9,6C-1D,Off east coast of Honshu

Code	Station Name	Δ° AZ°	Phase ID	Time Res	h m s	ISC
CHOJ	Chosi	1.06 242	↑Pn	ISC	11 52 41.4	0.0
CHOJ			eS	Sg	11 52 56.3	+0.9
JHO	Hitachi	1.23 289	↑Pn	Pn	11 52 40.7	-2.3
ONAJ	Iwakimizuishi	1.52 289	↑Pn	Pn	11 52 41.8	-2.5
JFK	Kawachi	1.47 322	↑Pn	Pn	11 52 44.2	-2.2
BSO1	Boso 1	1.77 209	P	Pb	11 52 52.1	-0.2
BSO3	Boso 3	1.86 221	P	Pb	11 52 53.5	-0.6
JMT	Matama	1.87 315	P	Pn	11 52 50.8	-1.1
JIFF	Marumori	1.92 330	↑Pn	Pn	11 52 50.3	-2.2
JAG	Ashikaga	2.02 277	↑Pn	Pn	11 52 53.9	-1.1
JFY	Yanaizu	2.20 304	↑Pn	Pn	11 52 55.5	-0.9
JRY	Ryogami san	2.52 267	P	Pn	11 53 00.1	-1.1
JRY			eS	Sn	11 53 02.0	+0.7
JOD2	Odawara 2	2.56 249	↑Pn	Pn	11 53 02.3	+0.2
JNS	Sagawa	2.81 307	↑Pn	Pn	11 53 02.9	+1.8
JMK	Chinoike	3.08 337	↑Pn	Pn	11 53 02.9	+1.8
MJAR	Matsushiro Arr	3.81 337	↑Pn	Pn	11 53 08.4	-0.1
MJAR			Sn	Sn	11 53 46.5	+1.6
MJAR			LR	LR	11 54 23.2	
MAJO	Matsushiro	3.09 277	ePn	Pn	11 53 09.0	+0.4
MAJ	Matsushiro	3.09 277	P	Pn	11 53 08.8	+0.2
MAT			eS	Sn	11 53 44.6	-0.3

JHJ2	Mitsune	3.58 211	ePn	Pn	11 53 16.9	+1.6
JHJ	Hachijo jima 2	3.59 211	Pn	Pn	11 53 16.9	+1.5
JHJ			Sn	Sn	11 53 57.7	+0.4
ERM	Erimo	5.87 8	ePn	Pn	11 53 45.3	-1.4
ASAJ	Asahikawa	7.91 3	Pn	Pn	11 54 12.8	-1.9
ASAJ	Asahikawa	7.91 3	ePn	Pn	11 54 13.0	-1.7
CBJ	Chichijima	9.09 179	Pn	Pn	11 56 10.4	-2.4
JCJ	Chichijima	9.09 179	Pn	Pn	11 54 30.0	-1.0
JCJ			Sn	Sn	11 56 10.4	-2.4
JNU	Nakatsue	9.67 255	P	Pn	11 54 39.6	+0.6
JNU			LR	LR	11 58 37.0	

JNU	comp-Z,332nm,18.5s,baz=108,slo=9.6,SNR=4.2	LR	LR	11 58 37.0		
JNU	comp-Z,332nm,18.5s,baz=108,slo=9.6,SNR=4.2	LR	LR	11 58 37.0		
USRK	comp-Z,132,slw=12,SNR=3.4	LR	LR	11 58 59.4		
USRK	comp-Z,452nm,18.5s,baz=124,slw=37	LR	LR	11 55 03.1	+1.1	
KSRS	Korea Array	11.36 280	P	Pn	11 55 03.1	+1.1
KSRS			LR	LR	11 59 16.5	
KSAR	Woniui Array Be	11.39 280	Pn	Pn	11 55 03.1	+0.6
PETK	Petrovskoyk-	20.17 28	LR	LR	12 04 53.9	
YAK	Yakutsk	26.98 347	eP	P	11 58 00.8	-0.3
SEY	Seymchan	27.51 10	P	P	11 58 05.8	+0.1
ENH	Enshi	27.75 267	eP	P	11 58 07.7	-0.7
ULN	Ulanbatar	28.22 305	eP	P	11 58 12.1	-0.4
SONM	Songino Array	28.64 305	P	P	11 58 15.0	-1.3
SONM			LR	LR	12 09 16.1	
TLY	Talaya	31.23 312	P	P	11 58 37.8	-1.2
CHTO	Chiung Mai	41.56 257	eP	P	12 00 07.3	-0.1

CMAR	Chiang Mai Arr	41.76 257	P	P	12 00 09.9	+0.8
CMAR			LR	LR	12 18 10.1	
ZALV	Zalesovo Beam	42.82 313	P	P	12 00 17.1	-0.2
ZALV			LR	LR	12 18 39.9	
MKAR	Makanchi Array	44.96 303	P	P	12 00 34.4	-0.2
MKAR			LR	LR	12 19 36.4	
KURK	Kurchatov	46.82 309	P	P	12 00 49.1	-0.1
KURBB	Kurchatov Arr	46.83 309	P	P	12 00 49.1	-0.6
ILAR	Eielson Array	49.94 32	P	P	12 01 13.9	+0.9
TKM2	Tokmak 2	50.45 299	eP	P	12 01 18.1	+0.6
KKAR	Karatay Array	53.95 301	eP	P	12 01 42.8	-0.5
WRA	Warramunga Arr	56.32 189	P	P	12 02 01.1	+0.6
ABKAR	Akbulak array	58.84 311	eP	P	12 02 17.6	-0.4
ASAR	Alice Springs	60.04 189	P	P	12 02 27.6	+1.1
RES	Resolute Bay	62.28 17	eP	P	12 02 48.6	+0.9
ARCES	ARCES Array B	64.93 340	LR	LR	12 37 29.2	
FINES	FINES Array B	69.69 333	P	P	12 03 28.9	-0.5
FINES			LR	LR	12 36 21.3	

KBZ	Khabaz	71.80 311	P	P	12 03 41.1	-1.0
NVAR	Min Array Bea	75.10 53	P	P	12 04 03.5	+1.6
NB2	NORSAR Subarra	75.13 338	P	P	12 04 01.6	+0.2
NOA	NORSAR Array B	75.13 338	P	P	12 04 01.9	+0.5
AKASO	Malin Array Be	75.24 323	P	P	12 04 02.2	+0.1
AKASO			LR	LR	12 39 19.0	
PDAR	Pinedale Array	77.90 46	P	P	12 04 18.5	+0.8
BRTR	Bratkovtsi	79.81 312	P	P	12 04 28.4	+0.5
DPC	Dobruska-Polom	81.41 328	eP	P	12 04 37.3	+0.9
DPC			eX	X	12 05 05.5	
GOCP	GO Cecny, Ondr	82.39 329	eP	P	12 04 42.4	+0.7
NKC	Novy Kostel	83.10 330	eP	P	12 04 46.5	+0.9
KHC	Kasperske Hory	83.49 329	eP	P	12 04 47.5	+0.2
KHC			eX	X	12 05 16.0	
KHC			eX	X	12 05 22.6	
GERES	GERES Array B	83.66 329	P	P	12 04 47.3	-0.9
GERES			LR	LR	12 45 20.3	
TXAR	Lajitas Array	90.24 53	P	P	12 05 21.5	+0.9
LPAZ	La Paz	146.69 61	PKPbc	PKPbc	12 12 02.6	+0.1

ATH 01 11:54:23.7-4.1,31°38'N,20°10'E,h23km,1km,MD3.0/5

ISCJB 01 11:54:24.9-0.8,41°31'N,0°04:20°12'E,0°05,h8km,7km,Error ellipse: s-maj=6.3km s-min=6.0km az=22.8

CSEM 01 11:54:24.7-0.2,41°27'N,0°04:20°16'E,h2km,ML2.4,Error ellipse: s-maj=9.5km s-min=4.5km az=46.0

BIO 01 11:54:25.0-0.9,41°29'N,20°16'E,h4km,6km,ML2.3/4

TIR 01 11:54:25.4-1.7,41°38'N,20°07'E,h2km,2km,ML2.4

ISC 01 11:54:25.2-1.1,41°32'N,0°03:20°15'E,0°03,h5km,10km,n26,α=67°46,Albania

Code	Station Name	Δ° AZ°	Phase ID	Time Res	h m s	ISC
TIR	Tirane	0.21 278	↑Pn	ISC	11 54 28.5	-0.8
TIR			↑Pn	Pg	11 54 33.2	+1.0
TIR			eS	Sg	11 54 29.3	-0.1
TIR			eS	Sg	11 54 28.6	-0.8
TIR			eS	Pg	11 54 30.3	+0.8
TIR			eS	Pg	11 54 28.6	-0.8
TIR			eS	Pg	11 54 29.2	-0.5
PHP	Peshkopia	0.43 31	↑Pn	Pn	11 54 35.4	+0.1
PHP			iSg	Sb	11 54 35.4	+1.6
PHP	Peshkopia	0.43 31	↑Pn	Pn	11 54 35.4	+0.1
PHP			iSg	Sb	11 54 43.6	+1.6
PUK	Puka	0.75 345	iPn	Pn	11 54 41.1	+0.4
PUK			iSg	Sn	11 54 54.3	0.0
PUK			iSg	Pn	11 54 41.1	+0.4
PUK			iSg	Sn	11 54 54.3	0.0
FNA	Florina	1.07 119	ePn	Pn	11 54 45.6	-0.1
FNA			eS	Sn	11 55 01.1	+0.5
FNA			eS	Sb	11 55 05.6	-0.1
FNA			eS	Sb	11 55 01.1	+0.5
NEST	Nestorio	1.13 143	ePn	Pn	11 54 46.7	-0.2
NEST			eS	Sn	11 55 03.2	-0.5
NEST			eS	Pg	11 54 46.7	-0.2
NEST			eS	Pg	11 54 46.7	-0.2
PDG	Podgorica	1.29 329	ePn	Pn	11 54 49.1	-0.8
PDG			eSg	Sn	11 55 07.7	+1.1
PDG			eSg	Sn	11 54 49.1	-0.8

T25A	baz=25 Trinidad	25.50 336	P	P	13 13 41.6 +2.2
T25A	baz=26 Trinidad	25.50 336	eP	P	13 13 41.1 +1.7
T25A	baz=27 Trinidad	25.50 336	eP	P	13 13 41.5 +2.2
R27A	baz=26,SNR=5.5 Tribune	25.94 340	P	P	13 13 41.0 +0.1
R27A	Eads	25.94 340	P	P	13 13 43.8 +0.6
Q29A	baz=26 Oakley	25.95 344	P	P	13 13 44.9 +1.6
SDCO	Great Sand Dun	26.45 335	P	P	13 13 49.6 +1.5
SDCO	Great Sand Dun	26.45 335	eP	P	13 13 49.0 +0.8
SDCO	Great Sand Dun	26.45 335	eP	P	13 14 06.5 +3.4
S22A	4UR Ranch, Cre	27.01 333	P	P	13 13 54.0 +0.8
S22A	4UR Ranch, Cre	27.01 333	eP	P	13 13 53.6 +0.4
MVCO	Mesa Verde	27.34 330	P	P	13 13 57.4 +1.3
MVCO	Mesa Verde	27.34 330	eP	P	13 13 56.3 +0.3
WUAC	Wupatki	27.57 324	P	P	13 13 59.1 +1.0
WUAC	Wupatki	27.57 324	eP	P	13 13 59.3 +1.2
PV01	Paradox Valley	28.12 331	eP	P	13 14 04.8 +1.8
PV05	Paradox Valley	28.32 331	eP	P	13 14 05.5 +0.8
PV04	Paradox Valley	28.48 331	eP	P	13 14 07.0 +0.8
PV10	Paradox Valley	28.53 331	eP	P	13 14 06.7 0.0
KNB	Kanab	29.46 325	eP	P	13 14 16.1 +1.2
LDFC	Landfair	29.53 319	eP	P	13 14 17.2 +1.8
LDFC	Cedar City	30.14 325	eP	P	13 14 22.5 +1.5
MSU	Marysville	30.20 327	eP	P	13 14 22.6 +1.2
R11A	Troy Canyon, C	31.96 323	eP	P	13 14 37.5 +0.6
J21A	Lysite	32.04 338	P	P	13 14 37.7 +0.2
HWUT	Hardware Ranch	32.27 332	eP	P	13 14 40.6 +1.0
PDAR	Pinedale Array	32.35 335	P	P	13 14 36.1 -4.2
I20A	Worland	32.81 338	P	P	13 14 44.8 +0.6
RCTC	Rector, Farmer	32.95 317	P	P	13 14 47.5 +2.1
HVU	Hansel Valley	32.97 331	eP	P	13 14 46.6 +0.9
REDW	Red Top Meadow	33.38 335	eP	P	13 14 49.5 +0.3
SNOW	Snow King Moun	33.42 335	eP	P	13 14 50.1 +0.4
ELK	Elko	33.44 327	eP	P	13 14 51.5 +1.6
NVAR	Mina Array	33.63 321	P	P	13 14 50.9 -0.7
NVAR	Mina Array	33.63 321	eP	P	13 15 05.8 -1.0
PTGA	Pitanga	34.92 112	P	P	13 15 00.8 -1.9
PTGA	Pitanga	34.92 112	eP	P	13 15 01.1 -1.6
PTGA	Hailey	35.12 331	P	P	13 15 15.7 -2.2
HLID	Hailey	35.12 331	eP	P	13 15 05.1 +0.8
HLID	Hailey	35.12 331	eP	P	13 15 04.5 +0.3
MCMT	McKenzie Canyo	35.41 334	eP	P	13 15 08.1 +1.2
MFID	Camas Ranch	35.68 330	eP	P	13 15 12.0 +3.0
MFID	Lac du Bonnet	36.19 356	eP	P	13 15 24.0 +0.1
UWM	Lac du Bonnet	36.44 326	eP	P	13 15 17.4 +1.8
WVOR	Wild Horse Val	36.44 326	eP	P	13 15 17.4 +1.8
SAML	Samuel	36.58 127	eP	P	13 15 15.4 -1.5
LPAZ	La Paz	38.28 141	P	P	13 15 31.4 -0.5
H04A	Detroit Lake	39.86 326	eP	P	13 15 54.4 +1.2
H04A	Longmire	41.03 329	eP	P	13 15 54.2 +0.3
SCHO	Schefferville	45.10 20	LR	LR	13 38 34.3
YKA	Yellowknife Ar	50.94 347	P	P	13 17 07.8 -3.6
DLBC	Dease Lake	52.58 336	eP	P	13 17 25.5 +1.6
ILAR	Eielson Array	62.77 337	P	P	13 18 33.5 -1.8
ILAR	Eielson Array	62.77 337	eP	P	13 18 39.4
RND	Reindeer	62.96 335	eP	P	13 18 38.3 +1.7
MLY	Manley	64.37 336	eP	P	13 18 45.3 -0.5
MLY	Manley	64.37 336	eP	P	13 19 00.2
ARCES	ARCES Array B	86.02 18	LR	LR	14 02 31.4
ARCES	ARCES Array B	86.02 18	eP	P	13 27 06.8 +3.9
HHQ	Hu-ho-hao-te	121.14 339	ePKP	PKPdf	13 27 05.3 +0.2
WHQ	Urumqi	122.36 339	ePKP	PKPdf	13 27 18.2 +2.1
LZH	Lanzhou	127.90 344	ePKP	PKPdf	13 27 42.2
LZH	Lanzhou	127.90 344	ePKP	PKPdf	13 27 42.2
CD2	Chengdu	132.77 342	PKP	PKPdf	13 27 24.3 -1.0
CMAR	Chiang Mai Arr	145.91 341	PKP	PKPdf	13 27 47.8 -1.6

ISCJBJ 01 13:30:01.8.2.6,54.27N-86.25E,h0km,mb1 2.8/2, mb1mx2.8/34,mbtmp3.8/2,ML2.5/2, Error ellipse: s-maj=19.9km s-min=12.3km az=55.0, Southwestern Siberia

Code	Station Name	Δ° AZ'	Phase ID	Time Res	h m s ISC
I46RU	ZALESOVO INFRA	0.90 250	Op	ISC	13 34 30.0
ZALV	Zalesovo Beam	0.90 250	Pg	Pg	13 30 17.6 -1.5
ZALV	Zalesovo Beam	0.90 250	eP	P	13 30 32.1
KURBB	Kurchatov Arra	5.97 235	Pn	Pn	13 31 32.1 +1.2
KURBB	Kurchatov Arra	5.97 235	eP	P	13 33 12.7
MKAR	Makanchi Array	7.89 200	Pn	Pn	13 31 58.6 +0.8
MKAR	Makanchi Array	7.89 200	eP	P	13 33 26.8 -1.1
MKAR	Makanchi Array	7.89 200	eP	P	13 34 12.4

CSEM 01 13:31:32.5,37.40N-53.93E,h4km,ML3.7
TEH 01 13:31:32.5,37.40N-53.93E,h4km,ML3.7
Iran-Turkmenistan border region

Code	Station Name	Δ° AZ'	Phase ID	Time Res	h m s ISC
IGLO	Ghaloghah	0.90 185	eP	ISC	13 32 48.7 -1.3
IGLO	Ghaloghah	0.90 185	eSg	Sg	13 32 00.4 -1.4
IGLO	Ghaloghah	0.90 185	eP	P	13 32 02.7
IALA	Alasht	1.59 215	ePn	Pn	13 32 02.1 +0.2
IALA	Alasht	1.59 215	ePn	Pn	13 32 26.3
IALA	Alasht	1.59 215	ePn	Pn	13 32 02.1 +0.2
ISHM	Shahmirzad	1.67 198	ePn	Pn	13 32 02.8 -0.1
ISHM	Shahmirzad	1.67 198	ePn	Pn	13 32 27.8
IPRN	Peran	1.72 229	eSg	Sn	13 32 25.9 -0.2
IPRN	Peran	1.72 229	ePn	Pn	13 32 03.2 -0.3
IPRN	Peran	1.72 229	ePn	Pn	13 32 29.1
IANJ	Anjilo	1.93 180	e	P	13 32 34.1
IANJ	Anjilo	1.93 180	ePn	Pn	13 32 06.0 -0.4
IANJ	Anjilo	1.93 180	ePn	Pn	13 32 06.0 -0.4
IFIR	Firoozkooch	1.99 209	e	P	13 32 39.0
IFIR	Firoozkooch	1.99 209	ePn	Pn	13 32 07.9 +0.5

ILAS	Lasjerd	2.16 202	e	13 32 46.0	
ILAS	Lasjerd	2.16 202	ePn	Pn	13 32 09.7 +0.1
IDMV	Damavand	2.38 221	eSg	Sb	13 32 46.9 +0.6
IDMV	Damavand	2.38 221	eSg	Sb	13 32 46.9 +0.6
IVRN	Varamin	2.99 217	ePn	Pn	13 32 21.1 +0.2
IVRN	Varamin	2.99 217	ePn	Pn	13 33 13.2
IVRN	Varamin	2.99 217	ePn	Pn	13 32 21.0 +0.2

ISCJBJ 01 13:36:20.6:0.9,39.76N-0.04:26.01E:0.06,h10km,5km, Error ellipse: s-maj=8.2km s-min=5.8km az=152.4
ISK 01 13:36:20.8,39.80N-26.06E,h2km,MD2.4
CSEM 01 13:36:21.8:0.2,39.81N-26.06E,h9km,MD2.4, Error ellipse: s-maj=5.2km s-min=4.6km az=88.0
ATH 01 13:36:22.0,39.81N-26.11E,h24km,MD3.0/5
ISC 01 13:36:22.2:0.1,39.81N-26.09E:0.03,h10km,8km,n24,0f72/34,Turkey

Code	Station Name	Δ° AZ'	Phase ID	Time Res	h m s ISC
EZN	Ezine	0.18 85	eP	ISC	13 36 25.1 -1.0
EZN	Ezine	0.18 85	eSg	Sg	13 36 30.1 +1.4
EZN	Ezine	0.18 85	eP	P	13 36 25.1 -1.0
GADA	Gvkgeada	0.41 339	eSg	Sg	13 36 30.2 +1.5
GADA	Gvkgeada	0.41 339	eP	P	13 36 30.4 +0.2
GADA	Gvkgeada	0.41 339	eP	P	13 36 36.1 +0.4
GADA	Gvkgeada	0.41 339	eP	P	13 36 30.4 +0.2
GADA	Gvkgeada	0.41 339	eP	P	13 36 36.1 +0.4
PRK	Paraskevi	0.58 166	ePn	Pn	13 36 37.3 +0.3
PRK	Paraskevi	0.58 166	eSg	Sb	13 36 42.1 -0.6
GELI	Tayfur-Gelibol	0.66 26	eP	P	13 36 35.3 -0.4
GELI	Tayfur-Gelibol	0.66 26	eSg	Sb	13 36 44.4 -0.6
GELI	Tayfur-Gelibol	0.66 26	eP	P	13 36 35.3 -0.4
GELI	Tayfur-Gelibol	0.66 26	eP	P	13 36 44.4 -0.6
LIA	Limnos Island	0.70 277	ePn	Pn	13 36 36.4 -0.1
LIA	Limnos Island	0.70 277	ePn	Pn	13 36 36.4 -0.1
LPK	Lapseki	0.76 42	eP	P	13 36 36.1 +0.4
LPK	Lapseki	0.76 42	eP	P	13 36 36.6 -0.3
SMTH	Samothraki Isl	0.79 327	ePn	Pn	13 36 37.4 -0.6
SMTH	Samothraki Isl	0.79 327	eSg	Sb	13 36 48.4 -0.4
ERIK	Erikli-Kesan	0.92 20	eP	P	13 36 39.5 -0.4
ERIK	Erikli-Kesan	0.92 20	eP	P	13 36 39.5 -0.4
ENEZ	Enez	0.93 3	eP	P	13 36 39.5 -0.6
ENEZ	Enez	0.93 3	eP	P	13 36 39.5 -0.6
ALN	Alexandroupoli	1.09 358	ePn	Pn	13 36 42.8 -0.3
ALN	Alexandroupoli	1.09 358	ePn	Pn	13 36 42.8 -0.3
RKY	Sarkoy-Tekirda	1.21 43	ePn	Pn	13 36 44.7 -0.5
RKY	Sarkoy-Tekirda	1.21 43	eSg	Sb	13 37 03.1 +1.5
RKY	Sarkoy-Tekirda	1.21 43	ePn	Pn	13 36 44.7 -0.5
RKY	Sarkoy-Tekirda	1.21 43	eSg	Sb	13 37 03.2 +1.5
MRMT	Marmara Adasi	1.40 55	ePn	Pn	13 36 48.5 0.0
MRMT	Marmara Adasi	1.40 55	ePn	Pn	13 36 48.5 0.0
CHOS	Chios Island	1.42 181	ePn	Pn	13 36 48.3 -0.5
CHOS	Chios Island	1.42 181	ePn	Pn	13 36 48.3 -0.5

IDC 01 13:43:01.1:8.3,22.24S-178.45W,h0km,mb3.8/4, mb1 4.0/4,mb1mx3.6/32,mbtmp3.8/4, Error ellipse: s-maj=213.0km s-min=41.3km az=31.0, South of Fiji Islands

Code	Station Name	Δ° AZ'	Phase ID	Time Res	h m s ISC
STKA	Stephens Creek	36.68 246	Op	ISC	13 50 10.3 +0.5
ASAR	Alce Springs	43.74 259	P	P	13 51 08.3 -0.2
WRA	Warrunganga Arr	43.97 284	P	P	13 51 10.0 -0.5
QSPA	South Pole Qui	67.84 160	P	P	13 54 01.0 0.0

ISCJBJ 01 13:47:25.4:0.6,5.24N:0.05:125.69E:0.10,h33km, mb3.77,ML2.8/2, Error ellipse: s-maj=14.5km
s-min=4.4km az=168.2
IDC 01 13:47:26.9:3.2,5.40N:125.70E,h37km,27km,mb3.6/7, mb1 3.8/8,mb1mx3.6/34,mbtmp3.8/8,ML3.6/1,MS2.8/2, Ms1 2.8/2,ms1mx2.3/37, Error ellipse: s-maj=39.5km s-min=16.0km az=66.0
MAN 01 13:47:32.5:6.2N:125.47E,h22km,mb4,ML3.8,MS3.8
ISC 01 13:47:27.0:7.5,33N:0.07:125.7E:0.1,h35km,n20, e193/17,mb3.8/7,2C-1D,Mindanao

Code	Station Name	Δ° AZ'	Phase ID	Time Res	h m s ISC
GSPH	General Santos	1.03 317	Op	ISC	13 47 43.6 -1.4
MATI	Mati	1.71 20	eP	Pn	13 47 50.4 -3.9
MATI	Mati	1.71 20	eS	Sb	13 48 10.6 -4.4
DMPH	Davao City-Mi	1.75 355f	eP	Pn	13 47 57.0 +2.1
DMPH	Davao City-Mi	1.75 355f	eP	Pn	13 48 16.2 +0.3
CTBH	Cotabato-PC H	2.35 323f	iP	Pn	13 48 05.9 +2.2
BUKP	Musan	2.60 347	eP	Pn	13 48 08.4 +1.7
BIPH	Bislig	2.92 14f	eP	Pn	13 48 15.1 +4.2
BIPH	Bislig	2.92 14f	eS	Sb	13 48 47.3 +2.5
PAGP	Pagadian	3.37 318	eP	Pn	13 48 19.6 +2.4
SJI	Sarangani	6.32 138	Op	P	13 49 26.1 +0.9
WRA	Warrunganga Arr	26.52 161	P	P	13 53 00.9 -0.6
CMAR	Chiang Mai Arr	29.16 299	P	P	13 53 25.6 +0.4
ASAR	Alce Springs	29.92 165	P	P	13 53 32.2 +0.4
ASAR	Alce Springs	29.92 165	eP	P	14 00 13.6 -0.3
MJAR	Matushiro Arr	33.13 19	LR	LR	14 07 27.6
USJR	Ussuriysk Arr	39.11 7	P	P	13 54 50.9 -0.1
STKA	Stephens Creek	40.00 159	P	P	13 54 58.8 +0.3
H1S3	WAKE ISLAND Hy	42.10 68	T	T	14 40 06.0
H1S1	WAKE ISLAND Hy	42.12 68	T	T	14 40 13.6
H1S2	WAKE ISLAND Hy	42.12 68	T	T	14 40 15.6
SONM	Songino Array	45.45 342	LR	LR	14 45 23.0
MKAR	Makanchi Array	55.64 325	P	P	13 56 58.0 -1.6
ILAR	Eielson Array	84.13 25	P	P	13 59 52.8 -1.4

ISCJBJ 01 13:49:31.0:0.2,49.05N:0.04:151.61E:0.05,h277km, mb3.9/41, Error ellipse: s-maj=6.5km s-min=2.6km
az=146.7
BUJ 01 13:49:31.8,49.10N:151.50E,h281km,mb4.5/25, mb4.4/17
MOS 01 13:49:31.0:1.3,49.02N:151.69E,h287km,mb4.0/13, Error ellipse: s-maj=12.6km s-min=5.8km az=62.4
IDC 01 13:49:32.8:1.9,49.09N:151.56E,h286km,19km, mb3.6/18,mb1 3.9/22,mb1mx3.6/38,mbtmp3.3/22, Error ellipse: s-maj=13.2km s-min=7.8km az=148.0
NEIC 01 13:49:32.8:0.6,49.09N:151.54E,h281km,7km,mb4.0/26, Error ellipse: s-maj=10.8km s-min=4.9km az=153.0
SKHL 01 13:49:32.4:0.8,49.03N:151.71E,h306km,1km,mb5.1/3, msh5.3/4
KRSC 01 13:49:33.6:1.1,49.07N:152.43E,h318km,12km,ML4.6
ISC 01 13:49:31.7:0.4,49.04N:151.66E:0.05,h277km, n163,e194/191,mb3.9/41,4C-4D,Northwest of Kuril Islands

Code	Station Name	Δ° AZ'	Phase ID	Time Res	h m s ISC
SKR	Severo-Kuril's	3.33 59	Op	ISC	13 50 29.7 +0.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MRSI Marisa, APSS Ampanga, LUWI Luwuk, etc.

SJA 01 14:51:50.9,0.4,33.60S;74.03W, h18km,540km, ML3.5
GUC 01 14:52:04.3,0.7,34.33S;72.37W, h20km,11km, ML3.7
ISC 01 14:52:03.2,2.3,34.38S;0.04;72.36W,0.10,h4km,16km, n18, r1940/26,2C-30, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like U65B Hualae0, LNV Longovilio, U73B San Pedro, etc.

ISCJB 01 15:00:17.8,0.8,38.34N;0.06;37.84E,0.06,h6km,6km, Error ellipse: s-maj=10.8km s-min=6.0km az=27.2
ISK 01 15:00:17.5,38.42N;37.88E,h7km,MD2.8
CSEM 01 15:00:17.0,2.0,38.35N;37.86E,h3km,1km, MD2.6, Error ellipse: s-maj=5.6km s-min=4.3km az=165.0
DDA 01 15:00:17.2,38.33N;37.82E,h8km,MD2.6
ISC 01 15:00:17.8,1.0,38.38N;0.05;37.88E;0.04,h5km,9km, n12, r042/20, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AKCD Akcadag, DARE Darende-Malaty, ELZG Elazig, etc.

IDC 01 15:21:30.6,3.9,19.82S;177.41W, h0km, mb3.9/4, s-maj=4.2/4, mb1mx3.8/29, mbtmp3.9/4, Error ellipse: s-maj=120.9km s-min=34.9km az=137.0, Fiji Islands region

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

NIED 01 15:26:00.39;20N;140.80E, h5km, Mw3.6 Best double couple: M3.010000;1014 NP1;32.0000;0.833,000000, lambda110.000000, NP2;28.000000;859.000000;1.77000000
ISCBJ 01 15:26:56.0,6.0,39.22N;0.03;140.77E;0.04,h14km,4km, mb3.6/9, Error ellipse: s-maj=5.7km s-min=4.3km az=177.5

JMA 01 15:26:56.9,39.21N;140.77E, h8km,1km, M3.6 Broadband fault plane solution: P waves: NP1: e=30.00000;860.00000;1.88,000000; NP2:e=215.00000;830.00000;1.94,000000; Principal axes: T Plg75.0000; Azm294.0000; N Plg2.0000; Azm31.0000; P Plg15.0000; Azm122.0000;

JMA Felt J1
IDC 01 15:27:01.9,2.3,39.20N;140.56E, h49km,23km, mb3.4/9, mb1.3/6/12, mb1mx3.4/47, mbtmp3/6/12, ML3.0/2, MS2.3/1, Ms1.2/3/1, ms1mx2.1/26 Error ellipse: s-maj=24.3km s-min=15.9km az=109.0
ISC 01 15:26:56.3,1.1,39.17N;0.03;140.73E;0.04,h8km,8km, n26, r1508/27, mb3.6/9,7D, Eastern Honshu region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JRJ Rokugo, JYK Kaneyama, JMK Ichinoseki, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KRSR, SEY Seymchan, H1N2 WAKE ISLAND Hy 29.73 123 T, etc.

IDC 01 15:33:18.1,2.6,26.78N;54.04E, h0km, mb3.6/7, mb1.3/6/8, mb1mx3.4/39, mbtmp3.6/8, MS2.9/2, Ms1.2/9/2, ms1mx2.5/32, Error ellipse: s-maj=53.1km s-min=26.5km az=158.0

THR 01 15:33:19.1,0.4,26.83N;53.87E, h14km,5km, ML3.5
TEH 01 15:33:22.0,26.83N;53.98E, h22km, ML3.6
ISCJB 01 15:33:22.9,0.6,27.07N;0.05;53.79E;0.08,h19km, mb3.5/6, Error ellipse: s-maj=11.4km s-min=5.5km az=151.1
CSEM 01 15:33:23.8,0.4,27.07N;53.76E, h15km, ML3.5, Error ellipse: s-maj=18.6km s-min=6.8km az=63.0
DSN 01 15:33:28.3,1.8,26.41N;53.52E, h15km, mb2.9/5, ML4.0/3, Error ellipse: s-maj=21.3km s-min=7.9km az=155.0
ISC 01 15:33:21.9,0.8,26.87N;0.07;53.80E;0.07,h19km,n44, r095/46, mb3.6/7, 1C-3D, Southern Iran region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GHIR Ghir-Karzin, BND5 Bandar-Abbas, NAZ Nazwa, etc.

IDC 01 15:46:15.7,0.5,7.66N;135.92E, h0km, mb4.5/26, Mb1.4/2/29, ms1mx4.5/46, mbtmp4.5/29, ML4.8/3, MS4.2/30, s-min=10.6km az=81.0
ISCBJ 01 15:46:17.3,0.9,7.65N;0.03;136.07E;0.03,h20km,6km, mb5.0/125, MS4.2/32, Error ellipse: s-maj=5.1km s-min=4.3km az=7.0
BUI 01 15:46:17.0,7.32N;136.18E, h34km, mb5.0/68, mB5.2/55, Ms4.6/70, Ms7.4/4/65
MOS 01 15:46:19.3,0.9,7.67N;136.12E, h40km, mb5.2/35, MS4.2/32, Error ellipse: s-maj=13.7km s-min=6.3km az=108.7

DJA 01 15:46:20.3,0.2,8.2N;136.6E, h10km, Mw5.1/120, mb5.2/120, mb5.6/53, Mw(mB)5.1/53, Mw5.9/2
GCMT 01 15:46:21.2,0.1,7.60N;135.95E, h18km, MW5.2/90, Moment Tensor Solution, c64, e98; s90, p165; Duration: 0.12s; Moment tensor: Scale 10^19Nm; Mw: 5.13; 17; Mw: 7.12; 12; Mw: 2.00; 13; Mw: 0.53; 23; Mw: 0.49; 10; Mw: 1.2; 33; Best double couple: M:6.69800;1016 NP1;39.291,00000;853.00000;1.125,000000; NP2: e=62.00000;849.00000;1.53,000000; Principal axes: T c=2.90; Plg63.0000; Azm262.0000; N 0.9350; Plg27.0000; Azm88.0000; P 7.1610; Plg2.0000; Azm357.0000; nsta1 refers to surface waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 01 15:46:21.2,0.2,7.60N;135.95E, h35km, mb5.1/34 Error ellipse: s-maj=6.8km s-min=3.0km az=66.0
NEIC Felt at Airai.
AUST 01 15:46:22.5,2.5,7.50N;135.76E, h32km, Error ellipse: s-maj=1.5km s-min=0.8km az=229.0
ISC 01 15:46:20.9,0.4,7.64N;0.03;136.13E;0.04,h35km,1km, h35km;pp-P,n332,r1948/370,mb5.1/124,MS4.3/32,8C-4D, Western Caroline Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PALU Palau, BAKI Blak, RKPI Ransiki, etc.

IDC 01 15:35:14.0,0.8,32.48S;178.75W, h0km, mb4.5/4, mb1.3/6/12, mb1mx4.1/33, mbtmp4.4/8, ML4.4/2, MS3.5/1, Ms1.3/5/1, ms1mx2.2/76 Error ellipse: s-maj=24.3km s-min=21.8km az=76.0
NEIC 01 15:35:15.3,0.6,32.30S;178.75W, h10km, mb4.6/2, Error ellipse: s-maj=16.7km s-min=11.8km az=101.0
ISC 01 15:35:10.0,0.8,32.78S;0.09;178.5W;0.1,h32km,n51, r1574/47, South of Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RAO Raou Island, WMGZ Waionatani S, HAZ Te Kaha, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URZ Urewera, WCG Waipu Caves, PKZ Paritua Road, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CTX Charlies Tower, AS31 Alice Springs, ASAR Alice Springs, etc.

IDC 01 15:36:25.0,11.0,56.99S;27.03W, h100km,109km, mb3.8/5, mb1.3/9.5, mb1mx3.6/17, mbtmp4.1/5, Error ellipse: s-maj=42.9km s-min=20.4km az=69.0, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GSPA South Pole Qui, CPUI Vella Florida, Vnda Vanda, etc.

IDC 01 15:46:15.7,0.5,7.66N;135.92E, h0km, mb4.5/26, Mb1.4/2/29, ms1mx4.5/46, mbtmp4.5/29, ML4.8/3, MS4.2/30, s-min=10.6km az=81.0
ISCBJ 01 15:46:17.3,0.9,7.65N;0.03;136.07E;0.03,h20km,6km, mb5.0/125, MS4.2/32, Error ellipse: s-maj=5.1km s-min=4.3km az=7.0
BUI 01 15:46:17.0,7.32N;136.18E, h34km, mb5.0/68, mB5.2/55, Ms4.6/70, Ms7.4/4/65
MOS 01 15:46:19.3,0.9,7.67N;136.12E, h40km, mb5.2/35, MS4.2/32, Error ellipse: s-maj=13.7km s-min=6.3km az=108.7

DJA 01 15:46:20.3,0.2,8.2N;136.6E, h10km, Mw5.1/120, mb5.2/120, mb5.6/53, Mw(mB)5.1/53, Mw5.9/2
GCMT 01 15:46:21.2,0.1,7.60N;135.95E, h18km, MW5.2/90, Moment Tensor Solution, c64, e98; s90, p165; Duration: 0.12s; Moment tensor: Scale 10^19Nm; Mw: 5.13; 17; Mw: 7.12; 12; Mw: 2.00; 13; Mw: 0.53; 23; Mw: 0.49; 10; Mw: 1.2; 33; Best double couple: M:6.69800;1016 NP1;39.291,00000;853.00000;1.125,000000; NP2: e=62.00000;849.00000;1.53,000000; Principal axes: T c=2.90; Plg63.0000; Azm262.0000; N 0.9350; Plg27.0000; Azm88.0000; P 7.1610; Plg2.0000; Azm357.0000; nsta1 refers to surface waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 01 15:46:21.2,0.2,7.60N;135.95E, h35km, mb5.1/34 Error ellipse: s-maj=6.8km s-min=3.0km az=66.0
NEIC Felt at Airai.
AUST 01 15:46:22.5,2.5,7.50N;135.76E, h32km, Error ellipse: s-maj=1.5km s-min=0.8km az=229.0
ISC 01 15:46:20.9,0.4,7.64N;0.03;136.13E;0.04,h35km,1km, h35km;pp-P,n332,r1948/370,mb5.1/124,MS4.3/32,8C-4D, Western Caroline Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PALU Palau, BAKI Blak, RKPI Ransiki, etc.

IDC 01 15:35:14.0,0.8,32.48S;178.75W, h0km, mb4.5/4, mb1.3/6/12, mb1mx4.1/33, mbtmp4.4/8, ML4.4/2, MS3.5/1, Ms1.3/5/1, ms1mx2.2/76 Error ellipse: s-maj=24.3km s-min=21.8km az=76.0
NEIC 01 15:35:15.3,0.6,32.30S;178.75W, h10km, mb4.6/2, Error ellipse: s-maj=16.7km s-min=11.8km az=101.0
ISC 01 15:35:10.0,0.8,32.78S;0.09;178.5W;0.1,h32km,n51, r1574/47, South of Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PALU Palau, BAKI Blak, RKPI Ransiki, etc.

IDC 01 15:35:14.0,0.8,32.48S;178.75W, h0km, mb4.5/4, mb1.3/6/12, mb1mx4.1/33, mbtmp4.4/8, ML4.4/2, MS3.5/1, Ms1.3/5/1, ms1mx2.2/76 Error ellipse: s-maj=24.3km s-min=21.8km az=76.0
NEIC 01 15:35:15.3,0.6,32.30S;178.75W, h10km, mb4.6/2, Error ellipse: s-maj=16.7km s-min=11.8km az=101.0
ISC 01 15:35:10.0,0.8,32.78S;0.09;178.5W;0.1,h32km,n51, r1574/47, South of Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RAO Raou Island, WMGZ Waionatani S, HAZ Te Kaha, etc.

IDC 01 15:35:14.0,0.8,32.48S;178.75W, h0km, mb4.5/4, mb1.3/6/12, mb1mx4.1/33, mbtmp4.4/8, ML4.4/2, MS3.5/1, Ms1.3/5/1, ms1mx2.2/76 Error ellipse: s-maj=24.3km s-min=21.8km az=76.0
NEIC 01 15:35:15.3,0.6,32.30S;178.75W, h10km, mb4.6/2, Error ellipse: s-maj=16.7km s-min=11.8km az=101.0
ISC 01 15:35:10.0,0.8,32.78S;0.09;178.5W;0.1,h32km,n51, r1574/47, South of Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RAO Raou Island, WMGZ Waionatani S, HAZ Te Kaha, etc.

IDC 01 15:35:14.0,0.8,32.48S;178.75W, h0km, mb4.5/4, mb1.3/6/12, mb1mx4.1/33, mbtmp4.4/8, ML4.4/2, MS3.5/1, Ms1.3/5/1, ms1mx2.2/76 Error ellipse: s-maj=24.3km s-min=21.8km az=76.0
NEIC 01 15:35:15.3,0.6,32.30S;178.75W, h10km, mb4.6/2, Error ellipse: s-maj=16.7km s-min=11.8km az=101.0
ISC 01 15:35:10.0,0.8,32.78S;0.09;178.5W;0.1,h32km,n51, r1574/47, South of Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RAO Raou Island, WMGZ Waionatani S, HAZ Te Kaha, etc.

Table of astronomical observations for station 27, including columns for object name, coordinates, magnitude, and other parameters.

Table of astronomical observations for station 303, including columns for object name, coordinates, magnitude, and other parameters.

Table of astronomical observations for station 268, including columns for object name, coordinates, magnitude, and other parameters.

Table with columns: Station, Location, Time, Frequency, Modulation, and other technical details. Includes stations like UNV, AKRB, ZRO, AKGG, AKUT, ATKA, WEBT, WESN, FALS, GSTR, GSKC, SPIA, SDPT, AMKA, CHGN, OHAK, KDOK, RSO, SEW, RC01, PPLA, PMR, SML, TRF, BPAW, DIV, MCK, BMRM, PAX, COLA, ILAR, ILAR, COLD, EGAK, HYT, PETK, SKAG, H02N1, H02S1, SEY, DLBC, DLBC, INK, YKA, I04A, HAWA, NEW, NEW, NEW, YBH, YBH, J05D, EDM, M04C, BMSCT, JMTT, MSO, CHMT, MFID, HRY, WAKR, HLID, HLID, BMM, MCMT, EGMT, EGMT, BOZ, BOZ, NVAR, NVAR, H11N2, H11N3, H11N1, ELK, ELK, FFC, TPH, USRK, H11S1, H11S2, H11S3, HVU, RLMT, RLMT, R11A.

Table with columns: Station, Location, Time, Frequency, Modulation, and other technical details. Includes stations like R11A, F20A, H19A, E21A, MPMC, MJAR, MJAR, G20A, FURC, TPNV, DUG, DUG, EDW2, H20A, DGMT, G21A, BW06, PPAR, J19A, E22A, I20A, NLU, F22A, MWC, GSC, C24A, A25A, E23A, H21A, G22A, J20A, D24A, I21A, F23A, H22A, CCUT, H35A, J21A, E24A, A26A, MSU, G23A, TMUT, B26A, I22A, F24A, GMRC, A27A, J22A, E25A, C26A, G24A, PFO, PFO, BELC, D26A, F25A, H24A, K22A, C27A, A28A, E26A, IRM, BAR, MONP, BC3, G25A, F26A, K23A, Q20A, Q20A, RSSD, SWSC, J24A, C28A, G26A, F27A, B29A, Y12C, D28A, MDND.

Table with columns: Station, Location, Time, Frequency, Modulation, and other technical details. Includes stations like MDND, H26A, G27A, GLA, A30A, PV04, N23A, B30A, F28A, PV01, WUAZ, WUAZ, ULM, ULM, SMCO, G28A, D30A, F29A, E30A, M25A, I28A, G29A, H29A, J28A, G30A, S22A, AGMN, AGMN, K28A, 214A, 214A, KSR5, J29A, N27A, K29A, SDCO, J30A, TUC, P27A, R26A, M30A, J32A, T25A, P28A, ANMO, ANMO, ANMO, R27A, O29A, H34A, ECSD, ECSD, T26A, P29A, EYMN, EYMN, R28A, P30A, 121A, J34A, S28A, Q30A, K34A, T28A, U27A, P31A, L34A, SPMN, K35A, S30A, O33A, R31A, N34A, M35A, R32A, U30A, O34A, Q33A, N35A, S32A, P34A, COWI, KSU1.

1d 19h

Table with columns: ID, Name, Azimuth, Elevation, P, Q, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like Duane Minner, Tulia, McKinney Farm, etc.

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Table with columns: JCT, X38A, 433A, etc., Name, Azimuth, Elevation, P, Q, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like Junction City, Whitesboro, Art, etc.

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Table with columns: H11N2, H11N3, H11N1, H11S1, H11S2, H11S3, TXAR, Name, Azimuth, Elevation, P, Q, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like WAKE ISLAND Hy, WAKE ISLAND Hy, etc.

ISCJB 01 19:12:22.0, 5.41, 0.05N, 0.02, 22.43E, 0.03, h3km, 4km, Error ellipse: s-maj=3.9km s-min=3.4km az=135.3 SKO 01 19:14:23.0, 40.97N, 22.48E, h15km, M2.0, ML2.2 CSEM 01 19:14:23.7, 0.3, 41.04N, 22.45E, h20km, ML1.8, Error ellipse: s-maj=6.7km s-min=5.3km az=113.0

Table with columns: Code, Station Name, Azimuth, Elevation, P, Q, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like Valandovo, Kendrikon, Thessaloniki, etc.

MEX 01 19:35:27.4, 0.6, 16.93N, 99.41W, h16km, 7km, MD3.9

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

IDC 01 19:55:58.3-2.1, 4.96S, 149.01E, h0km, mb3.0/3, mb1 3.4/3, mb1mx3.2/19, mbtmp3.1/3, Error ellipse: s-maj=147.4km s-min=28.6km az=123.0, Bismarck Sea

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, ILAR Eilsion Array, etc.

DDA 01 20:00:06.9, 37.97N, 30.80E, h7km, MD2.9, ISK 01 20:00:07.8, 38.02N, 30.86E, h6km, MD2.9, ISCBJ 01 20:00:08.3, 1.2, 38.03N, 0.04-30.80E, 0.07, h9km, 12km, Error ellipse: s-maj=9.3km s-min=6.4km az=161.0, CSEM 01 20:00:08.3, 0.2, 38.03N, 30.79E, h15km, MD2.9, Error ellipse: s-maj=4.5km s-min=3.9km az=124.0, ISC 01 20:00:08.3, 1.1, 38.01N, 0.03-30.82E, 0.03, h12km, 10km, n18, c084/32, Turkey

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

IDC 01 20:06:54.0-1.0, 13.05N, 120.84E, h0km, mb3.8/6, mb1 4.0/6, mb1mx3.6/38, mbtmp3.9/6, MS2.5/MS1 3.2/5, ms1mx2.8/35, Error ellipse: s-maj=28.1km s-min=11.0km az=90.0, MAN 01 20:06:56.13, 10N, 120.64E, h7km, mb4.7, ML3.6, MS3.6, ISCBJ 01 20:06:57.5, 0.5, 13.13N, 0.03-120.67E, 0.06, h27km, mb3.8/6, MS3.1/4, Error ellipse: s-maj=8.0km s-min=4.5km az=170.0, ISC 01 20:06:57.0-7.0, 13.15N, 120.76E, 0.06, h27km, n20, c1917/19, mb3.8/6, MS3.1/4, 2D, Mindoro

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LUBP Lubang, SJMP San Jose, TGTY Tagaytay City, etc.

IDC 01 20:25:50.0-8.0, 21.34S, 68.16W, h106km, 67km, mb3.7/1, mb1 3.7/2, mb1mx3.2/21, mbtmp4.0/2, ML3.9/1, Error ellipse: s-maj=70.1km s-min=55.6km az=129.0, Chile-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LPAZ La Paz, LPAZ La Paz, TORD Torodi Ar. Bea, etc.

GUC 01 20:36:18.8-0.7, 20.11S, 70.72W, h40km, 3km, ML4.9, NEIC 01 20:36:18.8-0.7, 20.11S, 70.72W, h40km, mb4.2/4, ML4.9(GUC), After GUC, NEIC Felt [I] at Alto Hospicio, Camina, Huara, Iquique and La

Tirana, IDC 01 20:36:23.9-2.1, 19.96S, 70.40W, h55km, 19km, mb3.8/8, mb1 4.1/11, mb1mx3.8/29, mbtmp4.1/11, ML3.9/3, MS3.9/7, Ms1 3.9/7, ms1mx3.5/21, Error ellipse: s-maj=23.1km s-min=18.1km az=39.0, ISC 01 20:36:17.8-3.0, 20.05S, 0.04-70.79W, 0.06, h18km, n18km, n46, c1933/47, mb4.3/12, MS4.0/3, 2C-2D, Near coast of northern Chile

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

comp-E, 6.9um, 0.5s, comp-E, 6.9um, 0.6s, comp-N, 25um, 0.7s, MACH Maria Elena, MACH Maria Elena, IPOC Station P, comp-N, 5um, 0.7s, LVC Limon Verde, LVC Limon Verde, LVC Limon Verde, comp-N, 3um, 20.6s, baz=329, slow=45, ARE Arequipa, ARE Arequipa, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, comp-N, 914nm, 20.5s, baz=238, slow=46, LCO Las Campanas, NNA Nana, NNA Nana, comp-N, 1.3nm, 0.3s, baz=216, slow=19, SNR=2, SIV SIV, SIV SIV, CFAA Coronel Fontan, CFAA Coronel Fontan, CFAA Coronel Fontan, comp-N, 0.9nm, 0.3s, baz=201, slow=19, SNR=2.4, SAML Samuel, CPUP Villa Florida, CPUP Villa Florida, OTAV Otavalo, PTGA Pitinga, BDFB Brasilia, BDFB Brasilia, TXAR Lajitas Array, VNA1 Neumayer-Stat, VNA2 Neumayer-Watz, SNA1 Sanae, SNA2 Sanae, SDCO Great Sand Dun, DBIC Dimbleby, DBIC Dimbleby, PDAR Pinedale Array, HLID Hailey, TORD Torodi Ar. Bea, YKRD Yellowknife Arr, KBZ Khabaz, H11S2 WAKE ISLAND Hy25.94 279 T, H11S1 WAKE ISLAND Hy25.95 279 T, H11S3 WAKE ISLAND Hy25.96 279 T, H11N3 WAKE ISLAND Hy25.99 280 T, H11N2 WAKE ISLAND Hy26.00 280 T, H11N1 WAKE ISLAND Hy26.00 280 T, ASAR Alice Springs, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array, USRK Ussuriysk Arr, MJAR Matsushiro Arr, SONM Songoing Array, SONM Songoing Array

comp-N, 1.7nm, 0.7s, baz=256, slow=5.0, SNR=45, comp-N, 7um, 0.3s, baz=59, slow=18, SNR=15, comp-N, 3um, 20.6s, baz=329, slow=45, ARE Arequipa, ARE Arequipa, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, comp-N, 914nm, 20.5s, baz=238, slow=46, LCO Las Campanas, NNA Nana, NNA Nana, comp-N, 1.3nm, 0.3s, baz=216, slow=19, SNR=2, SIV SIV, SIV SIV, CFAA Coronel Fontan, CFAA Coronel Fontan, CFAA Coronel Fontan, comp-N, 0.9nm, 0.3s, baz=201, slow=19, SNR=2.4, SAML Samuel, CPUP Villa Florida, CPUP Villa Florida, OTAV Otavalo, PTGA Pitinga, BDFB Brasilia, BDFB Brasilia, TXAR Lajitas Array, VNA1 Neumayer-Stat, VNA2 Neumayer-Watz, SNA1 Sanae, SNA2 Sanae, SDCO Great Sand Dun, DBIC Dimbleby, DBIC Dimbleby, PDAR Pinedale Array, HLID Hailey, TORD Torodi Ar. Bea, YKRD Yellowknife Arr, KBZ Khabaz, H11S2 WAKE ISLAND Hy25.94 279 T, H11S1 WAKE ISLAND Hy25.95 279 T, H11S3 WAKE ISLAND Hy25.96 279 T, H11N3 WAKE ISLAND Hy25.99 280 T, H11N2 WAKE ISLAND Hy26.00 280 T, H11N1 WAKE ISLAND Hy26.00 280 T, ASAR Alice Springs, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array, USRK Ussuriysk Arr, MJAR Matsushiro Arr, SONM Songoing Array, SONM Songoing Array

comp-N, 1.7nm, 0.7s, baz=256, slow=5.0, SNR=45, comp-N, 7um, 0.3s, baz=59, slow=18, SNR=15, comp-N, 3um, 20.6s, baz=329, slow=45, ARE Arequipa, ARE Arequipa, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, comp-N, 914nm, 20.5s, baz=238, slow=46, LCO Las Campanas, NNA Nana, NNA Nana, comp-N, 1.3nm, 0.3s, baz=216, slow=19, SNR=2, SIV SIV, SIV SIV, CFAA Coronel Fontan, CFAA Coronel Fontan, CFAA Coronel Fontan, comp-N, 0.9nm, 0.3s, baz=201, slow=19, SNR=2.4, SAML Samuel, CPUP Villa Florida, CPUP Villa Florida, OTAV Otavalo, PTGA Pitinga, BDFB Brasilia, BDFB Brasilia, TXAR Lajitas Array, VNA1 Neumayer-Stat, VNA2 Neumayer-Watz, SNA1 Sanae, SNA2 Sanae, SDCO Great Sand Dun, DBIC Dimbleby, DBIC Dimbleby, PDAR Pinedale Array, HLID Hailey, TORD Torodi Ar. Bea, YKRD Yellowknife Arr, KBZ Khabaz, H11S2 WAKE ISLAND Hy25.94 279 T, H11S1 WAKE ISLAND Hy25.95 279 T, H11S3 WAKE ISLAND Hy25.96 279 T, H11N3 WAKE ISLAND Hy25.99 280 T, H11N2 WAKE ISLAND Hy26.00 280 T, H11N1 WAKE ISLAND Hy26.00 280 T, ASAR Alice Springs, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array, USRK Ussuriysk Arr, MJAR Matsushiro Arr, SONM Songoing Array, SONM Songoing Array

comp-N, 1.7nm, 0.7s, baz=256, slow=5.0, SNR=45, comp-N, 7um, 0.3s, baz=59, slow=18, SNR=15, comp-N, 3um, 20.6s, baz=329, slow=45, ARE Arequipa, ARE Arequipa, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, comp-N, 914nm, 20.5s, baz=238, slow=46, LCO Las Campanas, NNA Nana, NNA Nana, comp-N, 1.3nm, 0.3s, baz=216, slow=19, SNR=2, SIV SIV, SIV SIV, CFAA Coronel Fontan, CFAA Coronel Fontan, CFAA Coronel Fontan, comp-N, 0.9nm, 0.3s, baz=201, slow=19, SNR=2.4, SAML Samuel, CPUP Villa Florida, CPUP Villa Florida, OTAV Otavalo, PTGA Pitinga, BDFB Brasilia, BDFB Brasilia, TXAR Lajitas Array, VNA1 Neumayer-Stat, VNA2 Neumayer-Watz, SNA1 Sanae, SNA2 Sanae, SDCO Great Sand Dun, DBIC Dimbleby, DBIC Dimbleby, PDAR Pinedale Array, HLID Hailey, TORD Torodi Ar. Bea, YKRD Yellowknife Arr, KBZ Khabaz, H11S2 WAKE ISLAND Hy25.94 279 T, H11S1 WAKE ISLAND Hy25.95 279 T, H11S3 WAKE ISLAND Hy25.96 279 T, H11N3 WAKE ISLAND Hy25.99 280 T, H11N2 WAKE ISLAND Hy26.00 280 T, H11N1 WAKE ISLAND Hy26.00 280 T, ASAR Alice Springs, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array, USRK Ussuriysk Arr, MJAR Matsushiro Arr, SONM Songoing Array, SONM Songoing Array

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comp-N, 1.7nm, 0.7s, baz=256, slow=5.0, SNR=45, comp-N, 7um, 0.3s, baz=59, slow=18, SNR=15, comp-N, 3um, 20.6s, baz=329, slow=45, ARE Arequipa, ARE Arequipa, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, comp-N, 914nm, 20.5s, baz=238, slow=46, LCO Las Campanas, NNA Nana, NNA Nana, comp-N, 1.3nm, 0.3s, baz=216, slow=19, SNR=2, SIV SIV, SIV SIV, CFAA Coronel Fontan, CFAA Coronel Fontan, CFAA Coronel Fontan, comp-N, 0.9nm, 0.3s, baz=201, slow=19, SNR=2.4, SAML Samuel, CPUP Villa Florida, CPUP Villa Florida, OTAV Otavalo, PTGA Pitinga, BDFB Brasilia, BDFB Brasilia, TXAR Lajitas Array, VNA1 Neumayer-Stat, VNA2 Neumayer-Watz, SNA1 Sanae, SNA2 Sanae, SDCO Great Sand Dun, DBIC Dimbleby, DBIC Dimbleby, PDAR Pinedale Array, HLID Hailey, TORD Torodi Ar. Bea, YKRD Yellowknife Arr, KBZ Khabaz, H11S2 WAKE ISLAND Hy25.94 279 T, H11S1 WAKE ISLAND Hy25.95 279 T, H11S3 WAKE ISLAND Hy25.96 279 T, H11N3 WAKE ISLAND Hy25.99 280 T, H11N2 WAKE ISLAND Hy26.00 280 T, H11N1 WAKE ISLAND Hy26.00 280 T, ASAR Alice Springs, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array, USRK Ussuriysk Arr, MJAR Matsushiro Arr, SONM Songoing Array, SONM Songoing Array

comp-N, 1.7nm, 0.7s, baz=256, slow=5.0, SNR=45, comp-N, 7um, 0.3s, baz=59, slow=18, SNR=15, comp-N, 3um, 20.6s, baz=329, slow=45, ARE Arequipa, ARE Arequipa, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, comp-N, 914nm, 20.5s, baz=238, slow=46, LCO Las Campanas, NNA Nana, NNA Nana, comp-N, 1.3nm, 0.3s, baz=216, slow=19, SNR=2, SIV SIV, SIV SIV, CFAA Coronel Fontan, CFAA Coronel Fontan, CFAA Coronel Fontan, comp-N, 0.9nm, 0.3s, baz=201, slow=19, SNR=2.4, SAML Samuel, CPUP Villa Florida, CPUP Villa Florida, OTAV Otavalo, PTGA Pitinga, BDFB Brasilia, BDFB Brasilia, TXAR Lajitas Array, VNA1 Neumayer-Stat, VNA2 Neumayer-Watz, SNA1 Sanae, SNA2 Sanae, SDCO Great Sand Dun, DBIC Dimbleby, DBIC Dimbleby, PDAR Pinedale Array, HLID Hailey, TORD Torodi Ar. Bea, YKRD Yellowknife Arr, KBZ Khabaz, H11S2 WAKE ISLAND Hy25.94 279 T, H11S1 WAKE ISLAND Hy25.95 279 T, H11S3 WAKE ISLAND Hy25.96 279 T, H11N3 WAKE ISLAND Hy25.99 280 T, H11N2 WAKE ISLAND Hy26.00 280 T, H11N1 WAKE ISLAND Hy26.00 280 T, ASAR Alice Springs, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array, USRK Ussuriysk Arr, MJAR Matsushiro Arr, SONM Songoing Array, SONM Songoing Array

comp-N, 1.7nm, 0.7s, baz=256, slow=5.0, SNR=45, comp-N, 7um, 0.3s, baz=59, slow=18, SNR=15, comp-N, 3um, 20.6s, baz=329, slow=45, ARE Arequipa, ARE Arequipa, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, comp-N, 914nm, 20.5s, baz=238, slow=46, LCO Las Campanas, NNA Nana, NNA Nana, comp-N, 1.3nm, 0.3s, baz=216, slow=19, SNR=2, SIV SIV, SIV SIV, CFAA Coronel Fontan, CFAA Coronel Fontan, CFAA Coronel Fontan, comp-N, 0.9nm, 0.3s, baz=201, slow=19, SNR=2.4, SAML Samuel, CPUP Villa Florida, CPUP Villa Florida, OTAV Otavalo, PTGA Pitinga, BDFB Brasilia, BDFB Brasilia, TXAR Lajitas Array, VNA1 Neumayer-Stat, VNA2 Neumayer-Watz, SNA1 Sanae, SNA2 Sanae, SDCO Great Sand Dun, DBIC Dimbleby, DBIC Dimbleby, PDAR Pinedale Array, HLID Hailey, TORD Torodi Ar. Bea, YKRD Yellowknife Arr, KBZ Khabaz, H11S2 WAKE ISLAND Hy25.94 279 T, H11S1 WAKE ISLAND Hy25.95 279 T, H11S3 WAKE ISLAND Hy25.96 279 T, H11N3 WAKE ISLAND Hy25.99 280 T, H11N2 WAKE ISLAND Hy26.00 280 T, H11N1 WAKE ISLAND Hy26.00 280 T, ASAR Alice Springs, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array, USRK Ussuriysk Arr, MJAR Matsushiro Arr, SONM Songoing Array, SONM Songoing Array

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

IDC 01 20:42:19.2-3.4, 5.62S, 129.46E, h323km, 29km, mb2.6/1, mb1 3.2/3, mb1mx2.7/21, mbtmp3.7/3, Error ellipse: s-maj=118.5km s-min=22.8km az=67.0, Banda Sea

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

TAP 01 20:45:46.4, 23.26N, 120.25E, h20km, 1km, ML1.9, 1C, A, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SCLT Jiali, SCLT Jiali, CHN8 Yiju, CHN8 Yiju, CHN8 Yiju, etc.

TAP 01 20:46:10.2, 23.94N, 120.80E, h11km, 1km, ML1.4, C, Taiwan

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

IDC 01 21:41:34.4-6.4, 8.67S, 127.32E, h82km, 61km, mb3.6/5, mb1 3.7/6, mb1mx3.4/24, mbtmp3.9/6, ML3.9/1, MS3.4/1, Ms1 3.0/1, ms1mx2.4/23, Error ellipse: s-maj=74.1km s-min=23.6km az=63.0, ISC 01 21:41:29.6-1.2, 8.95S, 0.2-127.0E, 0.2, h35km, n9, c1915/17, Timor region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SIJI Sorong, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

ISCJB 01 21:52:06.2-0.5, 4.36S, 0.05E, 144.04E, 0.07, h110km, mb3.8/13, Error ellipse: s-maj=10.1km s-min=6.4km az=154.4, IDC 01 21:52:08.5-2.4, 3.8S, 144.05E, h117km, 20km, mb3.6/13, mb1 3.7/7, mb1mx3.7/28, mbtmp4.0/7, Error ellipse: s-maj=22.2km s-min=13.5km az=85.0

ISC 01 21:52:07.0.6, 4.44S:0.07:143.95E:0.09, h110km, n19, alpha138Z, mb3.9/13, New Guinea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like JAY Jayapura, PMG Port Moresby, WRA Warramunga Arr, etc.

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

ISCUB 01 23:14:51.9.0.4, 29.13N:104.140.5E:0.1, h400km, mb3.5/12, Error ellipse: s-maj=14.4km s-min=4.9km

JMA 01 23:14:52.5.0.2, 29.10N:140.24E, h384km, M3.6, IDC 01 23:14:52.1.0.7, 29.05N:139.96E, h368km, 12km, mb3.3/12, mb1.3-4/16, mb10m3.2/31, mbtmp4.0/16, Error ellipse: s-maj=41.1km s-min=22.2km

ISC 01 23:14:52.9.0.6, 29.16N:107.140.5E:0.2, h400km, n27, alpha196Z, mb3.4/12, Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like CBIJ Chichijima, CJC Chichijima, JCU Chichijima, etc.

IDC 01 22:35:07.8.9.5, 56.02S:26.94W, h121km, 60km, mb3.4/5, mb1.3/5, mb1mx3.3/20, mbtmp3.8/5, Error ellipse: s-maj=41.1km s-min=22.2km az=80.0, South Sandwich Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like PMSA Palmer Station, QSPA South Pole Qui, BDFB Brasilia, etc.

ISC 01 23:14:51.9.0.4, 29.13N:104.140.5E:0.1, h400km, mb3.5/12, Error ellipse: s-maj=14.4km s-min=4.9km

JMA 01 23:14:52.5.0.2, 29.10N:140.24E, h384km, M3.6, IDC 01 23:14:52.1.0.7, 29.05N:139.96E, h368km, 12km, mb3.3/12, mb1.3-4/16, mb10m3.2/31, mbtmp4.0/16, Error ellipse: s-maj=41.1km s-min=22.2km

ISC 01 23:14:52.9.0.6, 29.16N:107.140.5E:0.2, h400km, n27, alpha196Z, mb3.4/12, Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like KSRs Korea Array, SONM Songoing Array, ZALV Zalesovo Beam, etc.

baz=292,slow=74 H1S1 WAKE ISLAND HY 36.07 96 T T 00 11 33.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like H1S2 WAKE ISLAND HY, ODAN Odare, PKI Pulchoki, etc.

ATH 01 23:33:14.7, 36.63N:28.38E, h31km, 1km, MD2.9/4, ISK 01 23:33:15.4, 36.56N:28.16E, h10km, MD2.7

ISCJB 01 23:33:16.7, 0.0, 36.63N:0.03:28.16E:0.04, h8km, 5km, Error ellipse: s-maj=4.8km s-min=4.8km az=168.5

DDA 01 23:33:16.9, 36.63N:28.08E, h8km, MD2.8, CSEM 01 23:33:16.8, 0.2, 36.64N:28.16E, h10km, MD2.9, Error ellipse: s-maj=3.9km s-min=3.8km az=12.0

ISC 01 23:33:17.5, 1.1, 36.64N:0.02:28.16E:0.02, h14km, 9km, n25, alpha192Z, Dodecanese Islands

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

IDC 01 23:34:02.2, 1.0, 5.63N:126.93E, h0km, mb4.0/11, mb1.4/12, mb1mx3.9/35, mbtmp4.0/12, ML3.6/1, MS2.9/1, ML1.2/9.1, ms1mx2.3/29, Error ellipse: s-maj=117.5km s-min=16.8km az=66.0

ISC 01 23:34:03.4, 0.8, 5.5N:0.1:126.9E:0.2, h10km, n16, alpha192Z, mb4.1/12, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like GSPH General Santos, SIJI Siroh, WRA Warramunga Arr, etc.

SJA 01 22:40:54.8.0.4, 33.84S:72.42W, h33km, ML3.6, GUG 01 22:40:59.9.0.6, 33.68S:71.79W, h35km, 2km, ML3.8

ISC 01 22:41:00.8, 1.4, 33.68S:0.04:71.83W:0.07, h28km, 11km, n24, alpha154Z, 1C-2D, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like U73B San Pedro, LNV Longovilo, IHA Instituto Hidr, etc.

NIED 01 23:26:00, 27.50N:128.70E, h38km, Mw4.0 Best double couple: M09.82000x10^17, M11.82120000, 823.00000, 1.00000, 1P23.24:02.0000, 867.00000, 3.94.00000, ISCJB 01 23:26:35.9.0.3, 27.49N:0.05:128.61E:0.06, h52km, 3km, s-min=3.4km az=38.4

JMA 01 23:26:36.5, 27.47N:128.64E, h43km, 1km, M3.8, JMA Fell II J1

IDC 01 23:26:39.8, 2.7, 27.48N:128.60E, h75km, 25km, mb3.6/18, mb1.3/7.21, mb1mx3.6/42, mbtmp3.9/21, MS2.9/7, Ms1.3/0.7, ms1mx2.8/31, Error ellipse: s-maj=21.5km s-min=15.5km az=71.0

ISC 01 23:26:36.6, 0.8, 27.48N:0.06:128.61E:0.07, h43km, 7km, n49, alpha84Z, mb3.8/18, MS3.1/4, Ryukyu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like JOKE Okinoerabujima, JTK Tokunoshima, JOW Kunigami, etc.

MAN 01 22:46:48, 16.72N:122.42E, h8km, mb4.5, ML3.3, MS3.2, Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like PALP Palanan, CAUP Cayanay, APYP Conner, etc.

IDC 01 23:04:42.5, 5.5, 20.46S:178.97W, h625km, 66km, mb2.8/6, mb1.3/2.6, mb1mx3.0/25, mbtmp3.8/6, Error ellipse: s-maj=104.8km s-min=25.1km az=156.0

ISCJB 01 23:04:43.1, 1.9, 20.35S:18.179:21W:0.4, h645km, mb3.1/6, Error ellipse: s-maj=117.9km s-min=19.4km az=155.9

ISC 01 23:04:44.2, 1.9, 20.45S:179.17W:0.4, h645km, n9, alpha91N, mb3.3/6, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes station ASAR Alice Springs.

KSRs Korea Array 9.96 357 P P 23 29 00.8 +3.6

KSRs Matsushiro Arr 12.16 40 P P 23 29 28.8 +2.5

MJAR Matsushiro Arr 12.16 40 P P 23 29 28.8 +2.5

GMAR Chiang Mai Arr 28.69 58 P P 23 32 30.6 +0.8

H1N2 WAKE ISLAND HY 35.81 94 T 00 11 14.9

H1N1 WAKE ISLAND HY 35.81 94 T 00 11 13.8

H1N3 WAKE ISLAND HY 35.83 94 T 00 11 15.6

H1S3 WAKE ISLAND HY 36.06 96 T 00 11 44.3

TIF 01 23:35:08.0, 43.34N:46.31E, h9km, 1km, CSEM 01 23:35:09.8, 0.3, 43.30N:46.31E, h2km, mb4.0, Error

ellipse: s-maj=9.0km s-min=2.6km az=27.0
MOS 01 23:35:11.0 2.2 43.17N:46.29E, h13km, mb4.0/1, Error
ellipse: s-maj=9.6km s-min=5.6km az=41.5
ISC 01 23:35:10.3 1.1, 43.26N:0.03:46.29E, 0.02, h4km, gkm,
n58, e087/109, 4-11, Eastern Caucasus

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like Dylm, Groznyy, Dubki, Botlikh, Karanay, etc.

Table with columns: ASAR, Alice Springs, 31.90 162 P, 23 55 47.1 +0.3. Lists stations like ASAR, STKA, MKAR, VNSA, TORO.

AWI 02 00:07:44.5, 54.50S, 0.98W
GCMT 02 00:07:36.0, 0.3, 54.10S:2.24W, h12km, MW5.0/82,

Moment Tensor Solution. Scaled, c33, s82, c120;
Duration: 0 Moment tensor: Scale 10^15Nm;
Mrr: 3.08E+10; Mtt: 0.89E+10; Mtt: 2.02E+09; Mtr: 1.34E+35;

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like VNA1, VNA2, SNA.

WEL 02 00:15:56.0, 0.1, 40.16S:173.56E, h17km, gkm, ML3.8/16,
7C-12D Error ellipse: s-maj=2.1km s-min=0.9km
az=90.0, Cook Strait

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists numerous stations including DUVW, NMEZ, KHEZ, PREZ, etc.

NEIC 02 00:29:23.4, 41.30S:172.98E, h115km, MG4.2(WEL),
After WEL.

WEL 02 00:29:23.5, 0.3, 41.26S:172.95E, h114km, gkm, ML4.3/19,
12C-7D, Error ellipse: s-maj=2.1km s-min=2.0km
az=90.0, South Island

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like NNZ, THZ, QRTZ, TUWZ, etc.

2d 2h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BKZ Black Stump Fm, TLZ Tolley Road, LBZ Lake Benmore, etc.

IDC 02 00:44:14.3±2.0, 4.05N, 126.28E, h0km, mb4.2/4, mb1 4.4/4, mb1mx3.7/23, mbtmp4.2/4, MS3.5/1, Ms1 3.7/1, ms1mx2.6/29, 1C, Error ellipse: s-maj=100.2km s-min=20.7km az=57.0, Talaud Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CTBH Cotabato-PC H, WRA Warramunga Arr, ASAR Alice Springs, etc.

JMA 02 00:59:08.7±0.1, 22.29N, 121.22E, h19km, 5km, ISCJB 02 00:59:10.9±0.3, 22.41N, 121.26E, 0.03, h29km, 3km, Error ellipse: s-maj=4.1km s-min=3.7km az=154.8 TAP 02 00:59:11.1, 22.40N, 121.18E, h36km, ML3.4, 6 ISC 02 00:59:11.2±0.9, 22.42N, 121.20E, 0.03, h30km, 7km, n38, c1505/65, 2C-6D, Taiwan region

Main table for the first section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations and their associated data.

2010 AUG

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IRIF Iriomote-Funau, IRIF Iriomote-Funau, JKRS Kuro-shima, etc.

IDC 02 01:13:58.4±11.0, 36.24N, 70.82E, h152km, 100km, mb3.2/5, mb1 3.4/5, mb1mx3.0/27, mbtmp3.7/5, MS3.3/1, Ms1 3.4/1, ms1mx2.6/19, Error ellipse: s-maj=4.1km s-min=30.5km az=20.0, ISCJB 02 01:14:02.5±1.1, 36.57N, 70.80E, 0.1, h18km, 4km, Error ellipse: s-maj=13.8km s-min=10.5km az=17.2, NNC 02 01:14:10.7±7.3, 37.00N, 70.70E, h188km, 79km, mb2.4, mpv3.5, Error ellipse: s-maj=73.8km s-min=36.7km az=160.0, ISC 02 01:14:03.3±1.2, 36.56N, 70.80E, 0.1, h188km, n10, c172/12, mb3.5/4, 4C-4D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZET Dzerhino, SFK Sufi-Kurgan, MNAS Manas, etc.

IDC 02 01:35:18.1±1.3, 52.91N, 169.70W, h0km, mb3.7/6, mb1 4.0/8, mb1mx3.6/31, mbtmp3.7/8, ML3.7/2, MS3.4/2, Ms1 3.3/2, ms1mx2.7/35, Error ellipse: s-maj=44.6km s-min=22.1km az=140.0, ISCJB 02 01:35:19.6±1.2, 52.58N, 169.34W, 0.08, h10km, 7km, mb3.7/6, MS3.4/2, Error ellipse: s-maj=15.2km s-min=7.7km az=152.0, NEIC 02 01:35:19.2±2.1, 52.66N, 169.29W, h5km, mb3.7/1, ML3.6(AEIC), After AEIC, ISC 02 01:35:19.2±2.1, 52.77N, 169.36W, 0.07, h0km, 13km, n36, c1533/35, mb3.7/6, Fox Islands

Main table for the second section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations and their associated data.

GUC 02 01:43:31.5±0.7, 36.28S, 72.61W, h38km, 7km, ML3.7, 1C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like COCH Cobquecura, COCH Concepcion, U14B U14B, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, QRZ Quartz Range, THZ Thouse, etc.

KRSC 02 01:51:10.6±1.3, 52.28N, 160.32E, h41km, 14km, ML3.9, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SPN Mys Shipunski, SPN Mys Shipunski, NLC Nalytchevo, etc.

KRSC 02 02:11:17.7±1.6, 52.22N, 160.36E, h49km, 20km, ML4.1, ISCJB 02 02:11:20.7±0.8, 52.28N, 160.26E, 0.06, h40km, 8km, mb3.6/9, Error ellipse: s-maj=8.0km s-min=4.5km az=42.6, MOS 02 02:11:21.7±0.8, 52.38N, 160.18E, h45km, mb4.2/4, Error ellipse: s-maj=12.2km s-min=6.9km az=102.9, IDC 02 02:11:25.9±2.9, 52.41N, 159.97E, h70km, 23km, mb3.3/9, mb1 3.5/9, mb1mx3.2/28, mbtmp3.6/9, Error ellipse: s-maj=24.5km s-min=21.4km az=120.0, ISC 02 02:11:19.4±0.9, 52.27N, 160.22E, 0.05, h20km, 6km, n67, c1918/90, mb3.6/9, Off east coast of Kamchatka Peninsula

Main table for the third section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations and their associated data.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like Lac du Bonnet, Kishinev, Boshof, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like Big Grassy Mou, Cedar City, Chamberlain Mo, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like KULM Kulim, MAJO Matsushiro, QIZ Giongzhong, etc.

MAN 02 03:41:08, 18'00N, 121'07E, h22km, mb3.6, ML2.3, MS1.9, 1C, Luzon

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include APYP, APVP, ABRA, PASUQUIN, PIP, SGCP, SGCP, CAUC, BOLINAO.

WEL 02 03:42:43.4, 0.9, 46'26S, 166'12E, h33km, ML3.3/7, 1C-1D, Error ellipse: s-maj=10.0km s-min=5.0km az=90.0, Off west coast of South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include PUYSEGUR POINT, DEEP COVE, WETHER HILL, THE PAPS, MAVORA LAKES, SCRUBBY HILL, EARNSCLEUGH, TUAPEKA, WANAKA, JACKSON BAY, OTAHUA DOWNS, LAKE BENMORE.

IDC 02 03:47:50.2, 3.5, 36'26N, 70'79E, h189km, 31km, mb3.2/9, mb1.3/4/14, mb1mx2.2/31, mbmp3.9/14, MS3.0/1, Ms1.3/0.1, ms1mx2.7/23, Error ellipse: s-maj=23.2km s-min=16.7km az=174.0

ISCJB 02 03:47:51.6, 0.3, 36'45N, 03:70'68E, 0.05, h204km, mb3.3/9, Error ellipse: s-maj=6.2km s-min=3.2km az=151.3

NNC 02 03:47:60.0, 1.3, 37'16N, 70'57E, h221km, 37km, mb3.0, mpv4.2, Error ellipse: s-maj=50.9km s-min=25.7km az=162.0

ISC 02 03:47:52.0, 0.6, 36'49N, 05:70'72E, 0.06, h204km, n52, r152/62, mb3.3/9, 5C-9D, Hindu Kush region

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include DZET, CEP, CHCP, THW, SFK, SARP, DLH, ALMAYASHU, MNAS, DHARMASHALA, KZA, EKSE, KK31, AAK, ULHL, SDNR, USPO, TKM2, SMLA, DDI, NDI, GEYT, GEYT, MKAR, DANN, KOLN, GKN, AB31, DMN, KKN, KURBB, PKIN, PKI, GUN, JIRN, RAMN, BVAO, BVAR, BVAR, AKTYUBINSK, TAPN.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include ODAN, ZALV, SONM, FINES, ARCES, NOARSAR, NOA, TORD, ILAR, YKA, WRA, ASAR.

NEIC 02 03:49:31.1, 46'32S, 165'95E, h22km, ML4.2(WEL), After WEL

WEL 02 03:49:31.4, 0.8, 46'38S, 165'99E, h33km, ML4.2/15, 1C, Error ellipse: s-maj=3.8km s-min=3.4km az=90.0, Off west coast of South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include PUYSEGUR POINT, DEEP COVE, WETHER HILL, WETHER HILL, THE PAPS, MAVORA LAKES, SCRUBBY HILL, TUAPEKA, EARNSCLEUGH, WANAKA, JACKSON BAY, HIGHLIFF HILL, OTAHUA DOWNS, LAKE BENMORE, LAKE BENMORE, FOX GLACIER, DENNISTON NORT, DENNISTON NORT, TOPHOUSE, QUARTZ RANGE, QUARTZ RANGE.

SJA 02 03:49:39.4, 0.9, 34'47S, 73'06W, h33km, ML3.4, GUC 02 03:49:42.3, 0.7, 34'74S, 72'10W, h9km, 1km, ML3.9

ISC 02 03:49:39.2, 2.2, 34'65S, 04:72'2W, 0.1, h7km, 16km, n20, r141/28, 2D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include U65B, NICH, TALC, LNVB, U73B, DENNISTON NORT, LINARES, CHCH, COCH, CLCH, PEL, AAGR, ARCO, CANA, AUSP, ASAL, ASAL, RTLS, RTVC, RTLL.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include ACAN, AMOG, IDC, NEIC, ISC.

Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include VNA1, VNA2, SNA, SNA, PMSA, PMSA, USHA, GSPA, QSPA, MAW, CFAA, CPUP, CPUP, SBA, VNA, VNA, BOSA, BDFB, LVC, CASY, SIV, H10S2, H10S3, H10S1, H10N1, H10N3, H10N2, LPAZ, LSZ, RPN, PTGA, DBIC, TORD, STKA, ASAR, SCHO, PDAR, NVAR, NB2, NOA, FINES, ABKAR, ARCES, MKAR, YKA, ZALV, ZALV, INK, SONM, KSAR, KSRS, ILAR, ILAR.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include VNA1, VNA2, SNA, SNA, PMSA, PMSA, USHA, GSPA, QSPA, MAW, CFAA, CPUP, CPUP, SBA, VNA, VNA, BOSA, BDFB, LVC, CASY, SIV, H10S2, H10S3, H10S1, H10N1, H10N3, H10N2, LPAZ, LSZ, RPN, PTGA, DBIC, TORD, STKA, ASAR, SCHO, PDAR, NVAR, NB2, NOA, FINES, ABKAR, ARCES, MKAR, YKA, ZALV, ZALV, INK, SONM, KSAR, KSRS, ILAR, ILAR, ISK, CSEM, DDA, Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include CTKT, CTKT, HAVZ, HAVZ, KVT, KVT, CORM, CORM, TOKA, TOKA, YOKA, YOKA, ILGA, ILGA, SVSK, SVSK, ELVD, ELVD.

Table with columns: SRSP, LSA, KLRI, etc. Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Diego Garcia H, Makanchi Array, Songoing Array, etc.

NEIC 02 05:04:45.3, 37.145S, 177.17E, h12km, ML4.3(WEL), After WEL

WEL 02 05:04:45.0, 2.3710S, 177.20E, h12km, ML4.3/16, 7C-5D, Error ellipse: s-maj=1.8km s-min=1.6km az=0.0, Off east coast of North Island

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Lists numerous stations including White Island, Mayor Island, Ohinepanea, etc.

Table with columns: NGZ, BHZ, BHZ, etc. Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ngauruhoe, Black Hill Sta, Waianoa, etc.

ISC/JB 02 05:14:24.9, 0.6, 34.40N, 0.09, 136.81E, 0.09, h354km, 4km, mb3.1/4, Error ellipse: s-maj=15.5km s-min=10.3km az=145.8

JMA 02 05:14:26.3, 0.2, 34.58N, 136.78E, h347km, 2km, M2.8, IDC 02 05:14:26.6, 0.3, 34.56N, 136.97E, h361km, 1.2km, mb2.9/4, mb1.3/2.7, mb1mx2.9/3.0, mbtmp3.7/7, Error ellipse: s-maj=27.8km s-min=19.1km az=71.0

ISC 02 05:14:25.7, 0.9, 34.46N, 0.10, 136.80E, 0.08, h349km, 7km, n20, c1500/26, mb3.2/4, Western Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Lists stations like Ise, Atsumi, Tsu, Wachi, Shimob, Kaga, Odawara 2, Aiyo, Ryogami san, Matsushiro, etc.

GUC 02 05:21:15.4, 0.4, 28.95S, 71.17W, h41km, 4km, ML2.7, ISC/JB 02 05:21:16.6, 0.9, 28.90S, 0.04, 71.20W, 0.08, h35km, Error ellipse: s-maj=9.9km s-min=5.0km az=5.8

SJA 02 05:21:17.6, 0.9, 29.00S, 70.97W, h65km, 33km, ML3.1, ISC 02 05:21:17.1, 1.5, 28.85S, 0.04, 71.20W, 0.08, h35km, n14, c141/19, 1C, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Lists stations like Las Campanas, Vallenar, La Serena, Caldera, etc.

WEL 02 05:23:33.1, 0.3, 36.16S, 179.78W, h33km, ML4.0/14, 1C-1D, Error ellipse: s-maj=3.2km s-min=2.6km az=90.0, East of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Lists stations like Matakaoa Point, Waionatani S, Puketiti, etc.

IDC 02 05:34:43.7, 0.8, 7.09N, 34.14W, h0km, mb3.9/14, mb1.4/2.15, mb1mx4.0/2.9, mbtmp4.0/15, ML4.5/1, MS3.5/19, M1.3.5/19, ms1mx3.4/25, Error ellipse: s-maj=24.6km s-min=16.0km az=144.0, ISC/JB 02 05:34:44.3, 0.5, 7.05N, 0.07, 34.09W, 0.09, h15km, mb3.9/21, MS3.5/18, Error ellipse: s-maj=12.9km s-min=9.2km az=13.4, NEIC 02 05:34:45.2, 0.4, 7.07N, 34.10W, h10km, mb4.2/8, Error ellipse: s-maj=10.5km s-min=8.9km az=125.0, ISC 02 05:34:46.1, 0.6, 7.08N, 0.08, 34.1W, 0.1, h15km, n42, c93/25, mb4.0/2.1, MS3.5/18, Central Mid-Atlantic Ridge

Main station list table for the right page with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Lists stations like Riachuelo, Ascension Hydr24.5, etc.

IDC 02 06:51:10.0, 2.1, 9.19S, 158.69E, h0km, ML3.7, mb1.3/9.6, mb1mx3.8/18, mbtmp3.7/6, Error ellipse: s-maj=76.0km s-min=26.2km az=118.0, ISC 02 06:51:13.6, 0.8, 9.25S, 0.2, 158.49E, 0.07, h29km, mb3.5/6, Error ellipse: s-maj=22.9km s-min=9.6km az=2.4, ISC 02 06:51:14.9, 0.9, 9.25S, 0.2, 158.61E, 0.08, h29km, n7, c099/8, mb3.7/6, Bougainville - Solomon Islands region

2d 6h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Honiara, Warramunga Arr, Stephens Creek, Alice Springs, Songoing Array, Eielson Array, Matkanchi Array.

IDC 02 06:59:50.7, 0.7, 36.68S; 72.82W, h0km, mb4.3/11, mb1.4, 3/14, mb1mx4.3/20, mbtmp4.2/14, ML3.8/2, MS3.6/14, Ms1.3, 6/14, ms1mx3.4/22, Error ellipse: s-maj=24.2km s-min=18.2km az=103.0

ISCJB 02 06:59:54.8, 0.3, 36.63S; 0.03, 73.00W; 0.05, h35km, 3km, ML4.5/30, MS3.1/10, Error ellipse: s-maj=7.1km s-min=3.5km az=25.9

GUC 02 06:59:55.2, 0.5, 36.66S; 72.96W, h32km, 1km, ML4.4 NEIC 02 06:59:55.2, 0.8, 36.63S; 72.95W, h32km, mb4.6/22, ML4.4(GUC), After GUC.

NEIC Felt [V] at Cauquenes; [IV] at Cobquecura, Colemu and Parral; [III] at Concepcion, La Laja, San Rosendo and Tome; [II] at Angol, Lota and Renaico.

SJA 02 06:59:57.1, 0.6, 36.54S; 72.77W, h52km, 0.99km, ML4.3 ISC 02 06:59:55.2, 0.8, 36.63S; 0.03, 72.91W; 0.05, h29km, 6km, n258, e093/262, mb4.6/30, MS3.7/10, 3C-5D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Concepcion, San Pedro de C, Cobquecura, Linares, Talca, Hualae, Cavihue, Los Niches, Puerto Saavedr, Longovilo, San Pedro, Valdivia, Chadas Angostu, Pirque, Agrelo, CERRO ARCO, Salagasta, Uspallata, Leoncio, Coronel Fontan, Cantantal, Las Campanas, Tornquist, Limon Verde, Ushuaia, La Paz, San Ignacio, Nana, Palmer Station, Samuel, BDFB Brasilia, Otavalo, El Rosal, Ushuaia, Watz, SNA, South Pole Qui, South Pole Qui, Rikitea, Encino, Mehethia, Hebronville, Laredo, Tilden, Tiare, Circle Diamond, Papeete, Kenedy, Chaparral WMA, Faith Ranch, Smothers Creek, Laxson Ranch, Saathoff Ranch, Dale, Uvalde, Perdido Creek, Kerrville, Mawson.

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Table with columns: Code, Station Name, Time, Res, Az, Phase ID. Includes stations like Rocksprings, Burnet, Roskings, Moody, Junction City, Junction City, Art, Washetta, J-C Ranch, Lomeia, Lajitas Array, Menard, Sonora, Kings Mountain, Stev Forest Ra, Richland Sprin, Lake Whitney, Baggett Ranch, Millersview, Davenport Ranc, Clairette, San Angelo, Rising Star, Sewanee, Mt. Pleasant, Cooper Cave, Coleman, Mertz, White-Moore Ra, Bronte, Blue Ridge, Reagan Ranch, Stewart Farms, Sharp Cattle R, Poteau, Centrahoma, Drake, Castleberry Fa, R-V Farms, Hungry Hill, Smith Ranch, Riekita Farm, Tomcumseh, Poplar Bluff, Elmer, Carehill, Hulbert, Porterfield Fa, Y26A Jenks, Tulsa, McDonald Ranch, Caddo, Fort Co, McKinney Farm, Coker Ranch, Meyer Ranch, Sentinel, Salina, Tulia, Lossen Ranch, Dimmitt, Pawnee, Cookes Peak, Cheneyville, Amrillo, Boggs Farm, McClaskey Farm, Dibrock, Fort Scott, Lake Cedric, Alum Creek Sta, Otter Creek Ra, WK&E Inc. Balk, Teagarden Farm, Albuquerque, Orquien Pipe Nat.

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Table with columns: Code, Station Name, Time, Res, Az, Phase ID. Includes stations like Newby Ranch, Thompson Grove, Mullinville, Isabella, Hill, Hugoton, Arnold C. Orve, Montezuma, Walsh, Hopedale, Hopedale, Manter, Trinidad, Trinidad, Tribune, Quinter, BOSA, BOSA, Beatrice, Hebron, Arlington, Great Sand Dun, Blythe, Lincoln, Wagon Ranch, Wupatki, Monument Peak, 4UR Ranch, Cre, Big Chuckwall, Mesa Verde, Iron Mountain, Davis Ranch, Pinyon Flat Ob, Pentaventa, Snowmass, Hector, Ludlow, Idaho Springs, Lobate, Mount Baldy Ra, Spencer Herefo, Kanab, Turquoise Moun, Goldstone, Basset, Sharp Range, Cedar City, EROS Data Cent, EROS Data Cent, Red Feather La, White River Ci, Marysvalle, Ten Mile Ranch, Arvin, Manual Prospec, Furnace Creek, Isabella, Okreek, Peak Mountain, Spellman Lake, Oacoma, Simmler, Sides Ranch, Maple Canyon, Midland, Troy Canyon, Troy Canyon, Bowen Ranch, Casper, Dugway, Dugway, Mission Ridge, Parade, Hardware Ranch, Lysite, Mina Array Bea, 9 Mile Ranch, Torodi Ar. Bea, Pinedale Array, Shoshoni, Maurine, Dirks Ranch, Big Trails, Newell.

Table with columns: CHMS, Chumysh, 2.22, 14, P, Pb, 08 09 48.6 +0.8, etc.

CSEM 02 08:17:19.8:0.9:50.36N:19.12E, h2km, Error ellipse: s-maj=16.5km s-min=9.4km az=14.0

PRU 02 08:17:21.0:50.19N:19.14E, h0km, Poland

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

CSEM 02 09:02:30.0:38.62N:26.70W, h0km, ML2.3 PDA 02 09:02:30.0:0.9:38.62N:26.70W, h0km, MD3.6, ML2.3, Error ellipse: s-maj=10.6km s-min=9.9km az=67.0, Azores Islands

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

ISCJB 02 09:06:42.7:0.5:39.51N:0.04:28.16E:0.04, h12km, 5km, Error ellipse: s-maj=7.1km s-min=4.2km az=32.2

ISC 02 09:06:42.7:0.5:39.52N:28.18E, h18km, MD2.9 CSEM 02 09:06:42.7:0.5:39.52N:28.19E, h12km, MD2.9, Error ellipse: s-maj=5.6km s-min=3.1km az=38.0

DDA 02 09:06:42.7:39.50N:28.13E, h7km, MD2.8 ISC 02 09:06:43.1:0.9:39.52N:0.04:28.14E:0.03, h18km, 5km, n22, c0913/36, Turkey

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

CSEM 02 09:07:41.7:0.3:43.26N:18.82E, h2km, ML2.6, Error ellipse: s-maj=6.0km s-min=3.5km az=111.0

BEO 02 09:07:42.7:0.3:43.22N:18.82E, h1km, 4km, ML2.5/1 SKO 02 09:07:42.9:43.23N:18.81E, h2km PDG 02 09:07:42.1:0.3:43.24N:18.82E, h7km, MD2.7/4, ML2.6/10, Error ellipse: s-maj=0.2km s-min=0.4km az=0.0

ISC 02 09:07:42.0:0.9:43.24N:0.02:18.81E:0.02, h6km, 6km, n53, c093/88, 13C-19D, Northwestern Balkan Peninsula

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

Table with columns: SJES, Sjenica, 0.85, 88, P, Pg, 09 07 58.0 -0.3, etc.

ISC 02 09:23:03.4:1.6:2.18N:126.40E, h0km, mb3.7/4, mb1.3/9.4, mb1mx3.6/22, mbtmp3.7/4, Error ellipse: s-maj=159.5km s-min=23.6km az=65.0, Northern Molucca Sea

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

KRSK 02 09:36:04.4:1.6:53.30N:160.68E, h60km, 19km, ML4.8 BUI 02 09:36:05.1:5.97N:160.44E, h50km, mb4.7/32, mb4.7/22, Ms4.2/22, Ms7.4/0/23

MOS 02 09:36:06.9:1.1:53.37N:160.44E, h60km, mb4.7/31, Error ellipse: s-maj=7.5km s-min=4.5km az=84.1

ISCJB 02 09:36:07.1:0.3:53.36N:0.02:160.51E:0.03, h61km, 2km, mb4.5/87, Error ellipse: s-maj=3.7km s-min=2.2km az=137.3

NEIC 02 09:36:09.0:4.0:4.53:50N:160.26E, h64km, 4km, mb4.6/39, Error ellipse: s-maj=6.0km s-min=3.3km az=163.0

GRD 02 09:36:10.8:1.2:53.52N:160.27E, h77km, 10km, mb4.1/33, mb1.4/3/35, mb1mx3.5/37, mbtmp4.4/35, MS3.7/19, Ms1.3/7/19, ms1mx3.5/39, Error ellipse: s-maj=13.5km s-min=8.3km az=147.0

ISC 02 09:36:06.8:0.3:53.35N:0.03:160.58E:0.03, h45km, 2km, mb4.5/87, MS3.6/20, 27C-9D, Near east coast of Kamchatka Peninsula

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

Table with columns: PETK, comp=N, 217nm, 0.3s, baz=81, slow=22, SNR=15, etc.

H26A	Fairpoint	59.30	56	P	P	09 46 04.6 +0.9
F28A	McLaughlin	59.37	53	P	P	09 46 04.7 +0.6
E29A	Napoleon	59.40	52	P	P	09 46 04.9 +0.6
D30A	Buchanan	59.42	51	P	P	09 46 05.0 +0.6
GMRC	Granite Mounta	59.47	72	P	P	09 46 06.7 +1.7
H27A	Howes	59.53	55	P	P	09 46 07.0 +1.1
J25A	Sunshine Ranch	59.67	57	P	P	09 46 07.3 +1.0
O20A	White River Ci	59.71	63	P	P	09 46 07.7 +1.0
E30A	Jud	59.79	52	P	P	09 46 07.8 +0.8
BELC	Belle Mtn. Jos	59.83	73	P	P	09 46 09.2 +1.6
F29A	Eureka	59.85	53	P	P	09 46 09.1 +0.8
PFO	Pinyon Flat Ob	59.85	73	P	P	09 46 09.0 +1.2
G28A	Parade	59.87	54	P	P	09 46 08.4 +0.8
AGMN	Agassiz Nation	59.88	49	P	P	09 46 08.1 +0.6
AGMN	Agassiz Nation	59.88	49	eP	P	09 46 08.5 +1.0
FINES	FINESS Array B	60.00	337	P	P	09 46 06.8 -1.3
FINES	comp=Z,7.9nm,0.5s,baz=41,slow=7.5,SNR=56			LR	LR	10 16 53.0
FINES	comp=Z,4.2nm,18.9s,baz=358,slow=41					
FINES	FINESS Array B	60.00	337	eP	P	09 46 06.6 -1.5
I27A	Quinn	60.05	56	P	P	09 46 09.8 +1.0
J26A	Sides Ranch, S	60.09	57	P	P	09 46 10.3 +1.1
IRM	Iron Mountain	60.20	72	P	P	09 46 11.6 +1.6
G29A	Hoven	60.27	53	P	P	09 46 10.5 +0.7
N23A	Red Feather La	60.37	61	P	P	09 46 12.5 +1.2
BC3	Big Chuckawalk	60.40	73	P	P	09 46 12.7 +1.3
K26A	Motz Farm, Whi	60.48	57	P	P	09 46 13.0 +1.1
I28A	Midland	60.53	55	P	P	09 46 13.1 +1.0
J27A	Elkhorn Farm,	60.67	56	P	P	09 46 13.9 +0.8
G30A	Faulkton	60.69	53	P	P	09 46 13.7 +0.5
J28A	Allard Ranch,	60.92	56	P	P	09 46 15.4 +0.6
I29A	Vivian Onida	60.94	55	P	P	09 46 15.9 +1.0
PV01	Paradox Valley	60.98	64	P	P	09 46 16.8 +1.3
ISCO	Idaho Springs	61.34	61	P	P	09 46 19.1 +1.1
J29A	Okreek	61.39	55	P	P	09 46 18.3 +0.4
I30A	Oacoma	61.45	54	P	P	09 46 19.4 +1.1
MVCO	Mesa Verde	61.69	65	P	P	09 46 21.4 +1.1
J30A	Dallas	61.85	55	P	P	09 46 22.2 +1.1
K29A	Lazy Trails An	61.87	56	P	P	09 46 22.4 +1.2
EYMN	Ely	62.07	46	P	P	09 46 23.2 +0.8
S22A	4UR Ranch, Cre	62.20	64	P	P	09 46 25.1 +1.3
O26A	Horse Wrangler	62.22	59	P	P	09 46 24.9 +1.2
K30A	Basset	62.28	55	P	P	09 46 24.8 +0.9
HNR	Honiara	62.53	181	LR	LR	10 08 23.7
H44	Spelman Lake,	62.63	51	P	P	09 46 26.9 +0.8
O27A	Beecher Island	62.68	59	P	P	09 46 27.6 +0.8
P26A	Davis Ranch, A	62.70	60	P	P	09 46 28.1 +1.2
N28A	Pribbeno Ranch	62.79	58	P	P	09 46 28.8 +1.3
SDCO	Great Sand Dun	62.91	63	P	P	09 46 30.1 +1.5
SDCO	Great Sand Dun	62.91	63	eP	P	09 46 30.5 +2.0
ECSD	EROS Data Cent	62.94	53	P	P	09 46 28.2 -0.1
ECSD	EROS Data Cent	62.94	53	eP	P	09 46 28.8 +0.5
L31A	Butterfield Fa	63.03	55	P	P	09 46 30.1 +1.1
O28A	Krutsinger Ran	63.09	58	P	P	09 46 30.7 +1.2
P27A	Ficken Ranch,	63.10	59	P	P	09 46 30.7 +1.1
N14A	Organ Pipe Nat	63.15	72	P	P	09 46 31.6 +1.7
212B	NORSAR Subarra	63.38	344	P	P	09 46 30.3 -0.7
NOA	NORSAR Array B	63.38	344	P	P	09 46 30.1 -0.9
NOA	NORSAR Array B	63.38	344	P	P	09 46 30.1 -0.9
N30A	Huette Ranch,	63.44	57	P	P	09 46 32.8 +1.1
P28A	Saint Francis	63.51	59	P	P	09 46 33.0 +0.7
SPMN	St. Paul	63.57	49	P	P	09 46 33.0 +0.5
R26A	Arlington	63.59	61	P	P	09 46 33.3 +0.6
O29A	4D Ranch, Culb	63.59	58	P	P	09 46 33.7 +1.0
Q28A	Sharon Springs	63.86	59	P	P	09 46 35.9 +1.4
P29A	Atwood	63.91	58	P	P	09 46 36.1 +1.2
O30A	IHW Ranch, Wils	63.92	57	P	P	09 46 36.1 +1.2
R27A	Eads	63.94	60	P	P	09 46 36.2 +1.2
T25A	Trinidad	63.94	62	P	P	09 46 35.8 +0.5
P30A	Selden	64.31	58	P	P	09 46 38.3 +0.9
T26A	Comanche Natio	64.35	62	P	P	09 46 38.8 +0.9
R28A	Tribune	64.41	60	P	P	09 46 38.8 +0.7
Q29A	Oakley	64.42	59	P	P	09 46 39.1 +0.9
ANMO	Albuquerque	64.48	65	eP	P	09 46 57.2 +5.5
LAZ	Ladron	64.51	66	eP	P	09 46 41.0 +2.0
Q30A	Quinter	64.75	58	P	P	09 46 41.1 +0.8
S28A	Manter	64.93	60	P	P	09 46 41.5 0.0
P32A	Huizing Farm,	65.08	57	P	P	09 46 42.3 -0.1
Q31A	Ellis	65.15	58	P	P	09 46 42.9 0.0
T28A	Walsh	65.17	61	P	P	09 46 43.3 +0.2
N34A	Lincoln	65.19	55	P	P	09 46 43.4 +0.3
O33A	Hebron	65.24	56	P	P	09 46 43.9 +0.5
R30A	Dighton	65.24	59	P	P	09 46 44.2 +0.7
SCHC	Schefferville	65.29	28	P	P	09 46 42.9 -0.7
U27A	Thompson Grove	65.32	62	P	P	09 46 45.0 +0.9
121A	Cookes Peak, D	65.55	68	P	P	09 46 46.9 +1.1
N35A	Tabor	65.59	54	P	P	09 46 46.3 +0.7
O34A	Beatrice	65.60	55	P	P	09 46 45.8 +0.1

V27A	baz=65,SNR=5.2	65.82	62	P	P	09 46 48.1 +0.8
Q33A	Dan Oppiter Fa	65.82	62	P	P	09 46 48.1 +0.8
P34A	Connelly Farm,	65.94	57	P	P	09 46 47.8 -0.1
R33A	Walnut Farm, R	66.02	56	P	P	09 46 48.7 +0.2
P35A	Olander Ranch,	66.39	57	P	P	09 46 51.3 +0.4
O36A	Duane Minner,	66.43	55	P	P	09 46 51.3 +0.2
GEYT	Bolkow	66.48	54	P	P	09 46 51.8 +0.4
V31A	Alitock	67.19	303	LR	LR	10 18 41.2
X29A	Spring Creek L	67.38	60	P	P	09 46 58.1 +0.9
S35A	Tulia	67.42	62	P	P	09 46 58.6 +1.1
U33A	Otter Creek Ra	67.71	57	P	P	09 46 59.1 -0.1
W31A	Lingo Farm, Me	67.77	59	P	P	09 46 59.7 +0.1
T34A	Holland Ranch,	67.78	61	P	P	09 47 00.6 +0.8
X30A	McClaskay Farm	67.78	58	P	P	09 46 59.7 0.0
Y29A	Coker Ranch, T	67.86	62	P	P	09 47 01.2 +1.0
Z28A	Porterfield Fa	67.88	63	P	P	09 47 01.6 +1.1
X31A	Tucker Farm, M	67.93	64	P	P	09 47 01.7 +0.9
W32A	McDonald Ranch	68.19	61	P	P	09 47 03.3 +1.0
T35A	Sentinel	68.19	60	P	P	09 47 02.9 +0.6
Z29A	Sooner Cattle	68.21	57	P	P	09 47 02.4 +0.1
128A	Hungry Hill Ra	68.32	63	P	P	09 47 03.9 +0.7
AKASG	Castleberry Fa	68.34	64	P	P	09 47 03.9 +0.2
AKASG	Malin Array Be	68.55	329	P	P	09 47 02.6 -1.6
AKASG	comp=Z,2.2nm,0.4s,baz=29,slow=6.6,SNR=7.0			LR	LR	10 20 19.8
AKASG	Malin Array Be	68.55	329	P	P	09 47 02.6 -1.6
AKASG	comp=Z,2.0nm,0.4s			MLR	MLR	
Y31A	Rekieta Farm,	68.55	62	P	P	09 47 05.5 +0.9
K32A	Kiev	68.56	329	eP	P	09 47 02.5 -1.8
W33A	Caddo, Fort Co	68.57	60	P	P	09 47 06.0 +1.3
X32A	Elmer	68.71	61	P	P	09 47 06.1 +0.5
WMOK	Wichita Mounta	68.73	60	eP	P	09 47 06.3 +0.6
HDIL	Hopdale	68.83	50	P	P	09 47 06.0 -0.2
T37A	Cheneyville 18	68.84	56	P	P	09 47 06.2 -0.1
V35A	Metz Ranch, C	68.94	58	P	P	09 47 07.1 +0.2
Y32A	R-V Farms, Ver	68.95	61	P	P	09 47 07.6 +0.5
X33A	Lawton	69.03	60	P	P	09 47 08.1 +0.6
Z31A	Sharp Cattle R	69.11	62	P	P	09 47 08.4 +0.3
U37A	Salina	69.31	57	P	P	09 47 09.5 +0.3
X34A	Smith Ranch, M	69.33	60	P	P	09 47 10.0 +0.6
TUL1	Tulsa	69.35	57	P	P	09 47 09.6 +0.1
TUL1	Tulsa	69.35	57	eP	P	09 47 10.0 +0.5
V36A	Jenks	69.37	58	P	P	09 47 09.9 +0.3
Y33A	Hilroy Ranch,	69.38	61	P	P	09 47 10.2 +0.5
W35A	Tecumseh	69.39	59	P	P	09 47 10.4 +0.7
Z32A	Haskell	69.47	62	P	P	09 47 10.5 +0.2
131A	Roby	69.48	63	P	P	09 47 10.9 +0.6
329A	Wagon Wheel Ra	69.54	65	P	P	09 47 11.4 +0.6
KBZ	Khabaz	69.55	317	P	P	09 47 11.0 +0.5
KBZ	comp=Z,2.5nm,0.7s,baz=42,slow=4.1,SNR=5.0			LR	LR	10 21 40.7
KBZ	Khabaz	69.55	317	P	P	09 47 11.0 +0.5
KBZ	comp=Z,3.0nm,0.7s			MLR	MLR	
U38A	Gravette	69.64	56	P	P	09 47 11.2 -0.1
V37A	Hulbert	69.70	57	P	P	09 47 12.0 +0.4
W36A	Wetumka	69.73	58	P	P	09 47 11.9 0.0
Z33A	Whitaker Ranch	69.86	61	P	P	09 47 12.7 +0.1
Y34A	Reagan Ranch,	69.87	60	P	P	09 47 12.8 +0.1
ABTX	Abilene, Hawle	69.91	62	P	P	09 47 13.8 +0.8
X35A	Drake	69.93	59	P	P	09 47 13.4 +0.3
Z34A	Mertzon	70.03	64	P	P	09 47 14.5 +0.6
231A	Bronte	70.09	63	P	P	09 47 14.2 +0.1
V38A	Canehill	70.09	57	P	P	09 47 13.7 -0.3
X36A	Centrahoma	70.11	59	P	P	09 47 14.4 +0.2
429A	Davenport Ranc	70.25	65	P	P	09 47 15.7 +0.6
TXAR	Lajitas Array	70.27	67	P	P	09 47 16.4 +1.1
TXAR	Lajitas Array	70.27	67	P	P	09 47 16.4 +1.1
Y35A	Marietta	70.28	60	P	P	09 47 15.6 +0.4
133A	Hamilton Ranch	70.31	62	P	P	09 47 15.9 +0.4
529A	Stev Forest Ra	70.46	66	P	P	09 47 17.4 +1.0
430A	Baggett Ranch,	70.48	65	P	P	09 47 16.9 +0.3
232A	Coleman	70.48	63	P	P	09 47 16.9 +0.3
331A	San Angelo	70.51	64	P	P	09 47 16.9 +0.1
Z35A	Perchaven, San	70.62	60	P	P	09 47 17.8 +0.5
W38A	Poteau	70.65	57	P	P	09 47 18.0 +0.5
134A	White-Moore Ra	70.78	61	P	P	09 47 18.8 +0.6
233A	Rising Star	70.78	62	P	P	09 47 19.0 +0.7
X38A	Whitesboro	70.81	58	P	P	09 47 18.6 +0.2
332A	Millersview	70.82	63	P	P	09 47 18.9 +0.3
031A	Olney	70.84	50	eP	P	09 47 18.7 +0.2
431A	Sonora	70.90	64	P	P	09 47 19.4 +0.3
530A	J-C Ranch, Com	70.92	65	P	P	09 47 19.8 +0.6
Y37A	Hugo	70.95	59	P	P	09 47 19.5 +0.2
Z36A	Blue Ridge	71.09	60	P	P	09 47 20.4 +0.3
SIUC	Southern Illin	71.14	52	eP	P	09 47 20.6 +0.3

432A	Menard	71.19	64	P	P	09 47 21.4 +0.5
234A	Clairette	71.19	62	P	P	09 47 21.1 +0.3
333A	Richland Sprin	71.27	63	P	P	09 47 21.8 +0.5
PBMO	Poplar Bluff	71.31	53	eP	P	09 47 21.9 +0.5
531A	Rocksprings	71.34	65	P	P	09 47 21.8 +0.1
JCT	Junction City	71.49	64	P	P	09 47 23.2 +0.5
JCT	Junction City	71.49	64	eP	P	09 47 23.8 +1.1
MIAR	Mount Ida	71.54	57	P	P	09 47 23.0 +0.1
MIAR	Mount Ida	71.54	57	eP	P	09 47 23.7 +0.8
433A	Art	71.66	63	P	P	09 47 24.2 +0.5
334A	Lometa	71.66	62	P	P	09 47 24.4 +0.7

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Kuril'sk, MAJO Matsushiro, USRK Ussuriysk Arr, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AKASG Malin Array Be, NVAR Mina Array Bea, EKA Eskdalemuir Arr, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like YER Yerkesik, YER Yerkesik, YER Tasoluk, etc.

2d 14h

L26A	Underwood Farm	62.54	52	P	P	14 27 37.6	-0.2
OSI	Osito Adit	62.55	68	P	P	14 27 38.3	+0.3
OSI	Osito Adit	62.55	68	eP	P	14 27 38.8	+0.8
ROTZ	Rotzenmuhle	62.56	328	eP	P	14 27 37.8	0.0
K28A	Ten Mile Ranch	62.57	50	P	P	14 27 37.9	-0.2
EDW2	Edwards Air Fo	62.55	67	P	P	14 27 39.4	+0.8
TNT1	Ternate	62.65	201	eP	P	14 27 38.7	0.0
M25A	Palm-Egli Farm	62.70	53	P	P	14 27 39.4	+0.4
IBAF	Bafgh	62.70	286	eP	P	14 27 39.1	0.0
J30A	Dallas	62.71	48	P	P	14 27 38.3	-0.5
L27A	T5 Ranch, Ellis	62.78	51	P	P	14 27 39.1	-0.3
H34A	Spellman Lake,	62.80	45	P	P	14 27 38.9	-0.5
KHC	Kasperske Hory	62.80	327	iP	P	14 27 39.5	+0.1
KHC	KHC			eP	pP	14 27 44.7	-0.8
KHC	KHC			eS	sP	14 27 46.1	-1.8
KHC	KHC			eX	xx	14 29 58.8	+1.8
KHC	KHC			eX	x	14 31 18.1	
KHC	KHC			eS	s	14 32 42.3	
KHC	KHC			eS	s	14 36 01.3	-5.9
KHC	KHC			eS	s	14 37 26.5	-4.0
KHC	KHC			eS	s	14 58 00.0	
KHC	Kasperske Hory	62.80	327	iP	P	14 27 39.5	+0.1
KHC	KHC			e	e	14 27 44.7	
KHC	KHC			e	e	14 27 46.1	
KHC	KHC			e	e	14 29 58.8	
KHC	KHC			e	e	14 31 32.3	
KHC	KHC			eS	s	14 36 01.3	-5.9
KHC	KHC			e	e	14 37 26.5	
KHC	Kasperske Hory	62.80	327	eP	P	14 27 39.3	-0.1
GSC	Goldstone	62.80	66	P	P	14 27 40.0	+0.3
GSC	Goldstone	62.80	66	eP	P	14 27 39.9	+0.2
GSC	Grafenberg Arr	62.81	322	eP	P	14 27 46.8	
BUD	Budapest	62.81	322	eP	P	14 27 40.0	+0.6
VOIR	VOIR	62.81	317	iP	P	14 27 40.9	+1.3
VOIR	VOIR	62.81	317	iP	P	14 27 40.9	+1.3
PVM	Polavaram	62.82	255	eP	P	14 27 40.2	+0.4
PVM	PVM			Iamb	Iamb	14 27 44.7	
SRSP	Sriramsagar	62.86	259	eP	P	14 27 40.4	+0.3
SRSP	SRSP			Iamb	Iamb	14 27 44.4	
GRF	Grafenberg Arr	62.88	329	eP	P	14 27 39.8	-0.1
GRFO	Grafenberg	62.88	329	eP	P	14 27 38.9	-0.9
K29A	Lazy Trails An	62.91	49	P	P	14 27 40.3	+0.1
WET	Wetzell	62.97	327	eP	P	14 27 40.6	+0.1
SRIT	Nakonsritamara	62.98	233	eP	P	14 27 46.4	+5.5
M26A	McRoberts Ranch	63.01	52	P	P	14 27 40.9	-0.1
ARR	Arges	63.01	317	iP	P	14 27 43.2	+2.3
GE2C	GERESS Array S	63.03	327	eP	P	14 27 40.7	-0.3
GE2C	GERESS Array S	63.03	327	eP	P	14 27 40.7	-0.3
GERES	GERESS Array B	63.03	327	eP	P	14 27 46.9	-0.3
GERES	GERESS Array B	63.03	327	eP	P	14 27 40.7	-0.3
GERES	GERES			LR	LR	14 58 53.5	
GERES	GERES			LR	LR	14 27 40.7	-0.3
GERES	GERES			pmax	pmax	14 27 40.7	-0.3
GERES	GERES			MLR	MLR	14 27 40.7	-0.3
DECC	Green Verdugo	63.03	68	P	P	14 27 42.1	+0.9
TNS	Tanus Mts	63.04	331	eP	P	14 27 40.7	-0.3
TUQ	Turquoise Moun	63.07	65	P	P	14 27 41.9	+0.4
RRX	Edison Barstow	63.08	66	P	P	14 27 41.5	+0.1
PKSG	Siria	63.08	323	eP	P	14 27 41.7	+0.5
SIRR	Connealy Angus	63.13	50	P	P	14 27 41.5	-0.1
L28A	Membach	63.13	50	P	P	14 27 40.9	-0.9
MEM	Membach	63.23	333	P	P	14 27 41.6	-0.5
K30A	Basset	63.23	49	P	P	14 27 41.7	-0.7
M27A	Reverse DX Ran	63.23	51	P	P	14 27 42.7	+0.2
SPMN	St. Paul	63.27	42	P	P	14 27 41.5	-1.1
SPMN	St. Paul	63.27	42	eP	P	14 27 41.2	-1.3
CONA	Conrad Obsvna	63.30	325	iP	P	14 27 43.3	+0.5
IMEH	Mehriz	63.30	287	eP	P	14 27 43.4	+0.2
PKST	T7	63.30	323	eP	P	14 27 43.0	+0.3
SOP	Soron	63.33	324	eP	P	14 27 43.9	+0.9
PSN	Presentlits	63.34	314	eP	P	14 27 42.8	-0.2
BFSO	Mount Baldy Ra	63.34	67	P	P	14 27 42.6	-0.7
ECSD	EROS Data Cent	63.34	46	P	P	14 27 42.0	-1.0
ECSD	EROS Data Cent	63.34	46	eP	P	14 27 42.1	-0.9
ECSD	EROS Data Cent	63.34	46	eP	P	14 27 42.1	-0.9
ECSD	ECSD			LR	LR	14 27 48.6	
HEC	Hector,Ludlow	63.41	66	P	P	14 27 44.5	+0.8
PV04	Paradox Valley	63.44	58	eP	P	14 27 44.4	+0.3
L29A	Maesberg Ranch	63.46	50	P	P	14 27 43.8	-0.2
KRAB	Krabi	63.48	233	P	P	14 27 51.0	+6.8
FMP	Fort Macarthur	63.51	68	P	P	14 27 44.9	+0.7
ISCO	Idaho Springs	63.52	55	P	P	14 27 44.7	0.0
ISCO	Idaho Springs	63.52	55	eP	P	14 27 45.7	+1.0
ISCO	ISCO			LR	LR	14 27 45.7	+1.0
SMCO	Snowmass	63.53	56	eP	P	14 27 45.2	+0.4
SMCO	N26A	63.53	52	P	P	14 27 51.8	
COWI	Koester Ranch	63.53	52	P	P	14 27 44.7	+0.2
COWI	Conover	63.62	39	eP	P	14 27 44.0	-0.9
COWI	COWI			LR	LR	14 27 49.2	
BBRO	Big Bear Solar	63.64	66	P	P	14 27 46.1	+0.7
TRTT	Trang	63.65	233	P	P	14 27 49.8	+4.5
CIS	Catalina Islan	63.72	68	P	P	14 27 46.2	+0.5
LDFC	Landfair	63.72	65	eP	P	14 27 46.7	+0.9
LDFC	LDFC			e	e	14 27 52.4	
G28A	Bar X Bar Ranch	63.72	51	P	P	14 27 45.8	+0.1
MMRB	Granite Mounta	63.74	65	P	P	14 27 46.3	+0.4
MOA	Molin	63.80	326	iP	P	14 27 46.2	+0.1
PV01	Paradox Valley	63.80	58	eP	P	14 27 46.5	0.0
N27A	Anderson Farm,	63.81	52	P	P	14 27 46.4	+0.1
L30A	Spencer Herefo	63.83	49	P	P	14 27 45.6	-0.8

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OGNE	Ogallala	63.87	51	P	P	14 27 46.7	0.0
OGNE	Ogallala	63.87	51	eP	P	14 27 46.8	0.0
OGNE	OGNE			LR	LR	14 27 53.0	
M29A	Burnside Ranch	63.93	50	P	P	14 27 46.4	-0.7
L31A	Butterfield Fa	63.95	48	P	P	14 27 46.4	-0.6
ARSA	Arzberg	64.01	325	iP	P	14 27 47.8	+0.4
LBMI	Labuha	64.01	200	P	P	14 27 50.1	+2.4
O26A	Horse Wrangler	64.01	53	P	P	14 27 47.5	-0.2
DOU	Dourbes	64.01	333	P	P	14 27 46.7	-0.6
PRD	Providia	64.03	314	eP	P	14 27 46.9	-0.6
HYBB	Hyderabad (bro	64.08	258	eP	P	14 27 47.5	-0.7
HYBB	HYBB			Iamb	Iamb	14 27 51.5	
HYBB	HYBB			Iamb	Iamb	14 27 52.6	
HYB	Hyderabad	64.08	258	iP	P	14 27 48.0	-0.2
HYB	HYB			S	S	14 36 24.0	+0.2
HYB	Hyderabad	64.08	258	eP	P	14 27 47.8	-0.4
MURC	Murrieta	64.08	67	P	P	14 27 48.4	+0.4
PKSM	Moragy	64.08	322	iP	P	14 27 47.9	+0.1
PKSM	Moragy	64.08	322	iP	P	14 27 47.9	+0.1
PKSM	Moragy	64.08	322	iP	P	14 27 47.8	0.0
WLF	Walterdange	64.08	332	eP	P	14 28 00.0	+12
WLF	WLF			LR	LR	14 27 49.2	+0.5
NEE2	Needles Airpor	64.19	64	P	P	14 27 49.2	+0.5
STU	Stuttgart	64.22	330	eP	P	14 27 48.0	-0.7
BELC	Belle Mtn. Jos	64.26	66	P	P	14 27 49.4	+0.1
MALT	Malatya	64.27	304	iP	P	14 27 50.4	+1.1
MALT	Malatya	64.27	304	iP	P	14 27 50.3	+1.0
N28A	Prubeno Ranch	64.28	51	P	P	14 27 49.5	+0.1
RJOB	Jochberg	64.29	327	eP	P	14 27 49.5	+0.2
O27A	Beecher Island	64.37	52	P	P	14 27 49.9	0.0
BEHE	Beechey	64.38	323	eP	P	14 27 50.8	+1.0
PFO	Pinyon Flat Ob	64.39	66	P	P	14 27 50.4	+0.2
PFO	Pinyon Flat Ob	64.39	66	eP	P	14 27 50.2	-0.1
PFO	PFO			LR	LR	14 27 50.2	-0.1
KLRI	Killari	64.42	260	eP	P	14 27 50.2	-0.3
KLRI	KLRI			Iamb	Iamb	14 27 55.0	
Q24A	Divide	64.42	55	P	P	14 27 50.9	+0.3
SZH	Strazhnica	64.46	315	eP	P	14 27 49.4	-1.0
IRM	Iron Mountain	64.48	65	P	P	14 27 51.7	+1.0
NJS	Nagarjunasagar	64.48	257	eP	P	14 27 50.3	-0.5
NJS	NJS			Iamb	Iamb	14 27 55.4	
N29A	Votaw Ranch, W	64.50	50	P	P	14 27 50.5	-0.3
L33A	Hoskins	64.50	47	P	P	14 27 49.6	-1.1
MPSI	Mapaga	64.55	209	P	P	14 27 55.5	+4.3
P26A	Davis Ranch, A	64.59	53	P	P	14 27 51.2	-0.3
MVCO	Mesa Verde	64.62	58	P	P	14 27 51.9	0.0
MVCO	Mesa Verde	64.62	58	eP	P	14 27 52.8	+1.0
MVCO	MVCO			LR	LR	14 27 52.8	+1.0
M31A	Lambtech Ranch	64.63	49	P	P	14 27 50.8	-0.8
SOKA	Soboth	64.67	325	iP	P	14 27 51.9	+0.1
O28A	Kruisinger Ran	64.69	52	P	P	14 27 51.4	-0.6
PERS	Pernice	64.69	325	iP	P	14 27 52.0	+0.1
PERS	PERS			eS	eS	14 27 58.3	
PERS	PERS			S	S	14 36 43.6	+13
N30A	Hueftle Ranch,	64.71	50	P	P	14 27 51.6	-0.5
109C	Camp Elliot, M	64.73	67	P	P	14 27 52.3	+0.1
GROG	Gronnik	64.74	324	eP	P	14 27 52.2	-0.1
KBA	Koelnbreinsper	64.75	326	iP	P	14 27 53.2	+0.8
BC3	Big Chuckkwall	64.79	66	P	P	14 27 52.8	0.0
PDMCI	Parker Dam,Lak	64.80	64	P	P	14 27 52.9	+0.2
ADKI	Addanki	64.80	256	eP	P	14 27 53.3	+0.4
ADKI	ADKI			Iamb	Iamb	14 27 57.9	
S22A	4UR Ranch, Ore	64.83	57	P	P	14 27 53.6	+0.3
BFO	Black Forest	64.84	330	eP	P	14 27 52.3	-0.5
BFO	Black Forest	64.84	330	eP	P	14 27 52.7	-0.1
BFO	Black Forest	64.84	330	iP	P	14 27 52.1	-0.7
BFO	BFO			LR	LR	14 27 52.1	-0.7
BGNE	Belgrade	64.86	48	P	P	14 27 52.5	-0.6
BGNE	Belgrade	64.86	48	eP	P	14 27 52.2	-0.9
BRTR	Breskin Array B	64.87	308	P	P	14 27 53.6	+0.3
BRTR	BRTR			LR	LR	14 58 14.8	
BRTR	BRTR			pmax	pmax	14 27 53.6	+0.3
BRTR	BRTR			MLR	MLR	14 27 53.6	+0.3
P27A	Ficken Ranch,	64.89	52	P	P	14 27 53.0	-0.4
WUAZ	Wupatki	64.91	61	P	P	14 27 53.9	+0.2
WUAZ	Wupatki	64.91	61	eP	P	14 27 55.7	+2.1
WUAZ	WUAZ			LR	LR	14 27 54.2	+0.5
OBKA	Obir	64.96	325	iP	P	14 27 54.4	+0.6
WATA	Walderalm	64.97	327	iP	P	14 27 54.4	+0.6
L34A	Svendensn Farm,	64.99					

P35A	Duane Minner, baz=67	67.28	48	P	P	14 28 07.8	-0.8
R32A	Long Quarter, baz=67	67.31	50	P	P	14 28 07.8	-1.0
S30A	Montezuma, baz=67	67.36	52	P	P	14 28 08.8	-0.4
214A	Organ Pipe Nat baz=67, SNR=9.8	67.38	64	P	P	14 28 09.1	-0.3
214A	Organ Pipe Nat comp=Z,22nm,1.2s	67.38	64	eP	P	14 28 09.0	-0.3
ANMO	Albuquerque, comp=Z,10.0nm,1.2s	67.41	58	eP	Pmax	14 28 10.4	+0.7
ANMO				MLR	MLR		
ANMO	Albuquerque, comp=Z,4.2um,21.0s	67.41	58	P	P	14 28 10.5	+0.7
ANMO				comp=Z,1.8nm,1.4s	LR	LR	
ANMO				comp=Z,8.79nm,19.0s	LR	LR	
KSU1	Kansas State U baz=67	67.45	48	P	P	14 28 08.6	-1.2
KSU1	Kansas State U comp=Z,7.89nm,20.0s	67.45	48	eP	LR	14 28 08.5	-1.2
T29A	Hugoton, baz=67	67.47	53	P	P	14 28 09.4	-0.6
P36A	Good Intent, A baz=67	67.48	47	P	P	14 28 09.2	-0.7
Q34A	Chapman, baz=67	67.50	49	P	P	14 28 08.6	-1.4
U27A	Thompson Grove, baz=67, SNR=11	67.54	54	P	P	14 28 09.5	-1.0
R33A	Olander Ranch, baz=67	67.67	50	P	P	14 28 10.2	-0.9
ISP	Isparta, comp=Z,4.84nm,20.0s	67.69	309	PFAKE	LR	14 28 20.0	+8.6
S31A	Mullinville, baz=68	67.73	51	P	P	14 28 10.7	-0.9
U28A	Mallet, baz=68	67.80	54	P	P	14 28 11.2	-0.9
T30A	Plains, baz=68	67.85	52	P	P	14 28 11.7	-0.7
S32A	Newby Ranch, P baz=68	67.86	51	P	P	14 28 11.3	-1.0
Q35A	Mercer Eighty, baz=68, SNR=5.8	67.87	48	P	P	14 28 10.3	-2.0
LPM	Los Pinos Moun comp=Z,1.4nm,1.3s	67.89	58	eP	P	14 28 14.4	+1.6
LPM				14 28 20.3			
TUC	Tucson, comp=Z,1.7nm,1.4s	67.93	63	eP	P	14 28 20.3	+1.4
TUC				LR	LR		
R34A	Isabella, Hill, comp=Z,4.93nm,20.0s	67.94	49	P	P	14 28 11.4	-1.4
Q36A	Arnold C. Orve, baz=68	67.98	47	P	P	14 28 11.7	-1.3
Y22D	IRIS PASSCAL I, baz=68	67.98	59	P	P	14 28 12.6	-0.6
U29A	Oasis Ranch, S, baz=68	68.10	53	P	P	14 28 13.3	-0.7
V27A	Dan Oppiter Fa, baz=68	68.12	55	P	P	14 28 13.3	-0.8
T31A	Randall Ranch, baz=68	68.13	52	P	P	14 28 14.4	+0.4
TIR	Tirane, comp=Z,1.1um,19.0s	68.14	319	PFAKE	LR	14 28 30.0	+16
TIR				LR	LR		
VLC	Villacollemand, comp=Z,1.1um,19.0s	68.23	327	PFAKE	LR	14 28 30.0	+15
VLC				LR	LR		
R30A	WK&E Inc. Baulk, baz=68	68.27	53	P	P	14 28 14.3	-0.7
U35A	Emporia Municip, baz=68	68.29	48	P	P	14 28 14.0	-1.0
S33A	Kaszaul Farm, baz=68	68.30	50	P	P	14 28 14.3	-0.8
POI	Presque Isle, comp=Z,5.2nm,1.1s	68.33	24	eP	P	14 28 13.8	-1.3
V28A	Channing, baz=68	68.36	54	P	P	14 28 14.5	-1.0
Q37A	Longview Farm, baz=68	68.40	47	P	P	14 28 14.8	-0.9
V29A	Stinnett, baz=68	68.52	54	P	P	14 28 15.4	-1.1
S34A	Willow Spring, baz=68	68.52	49	P	P	14 28 15.7	-0.8
R36A	Gordon, Harris, baz=68	68.53	48	P	P	14 28 15.5	-1.0
HDIL	Hopedale, comp=Z,4.5nm,0.8s	68.59	42	P	P	14 28 15.5	-1.3
HDIL	Hopedale, comp=Z,9.23nm,19.0s	68.59	42	eP	P	14 28 15.7	-1.1
HDIL				LR	LR		
T33A	Patterson Ranc, baz=68	68.67	50	P	P	14 28 16.7	-0.6
AAM	Ann Arbor, comp=Z,1.1um,21.0s	68.69	37	PFAKE	LR	14 28 30.0	+13
AAM				LR	LR		
U31A	Nine Bar Ranch, baz=68	68.71	52	P	P	14 28 17.0	-0.6
R37A	Teagarden Farm, baz=68	68.78	47	P	P	14 28 16.9	-1.1
W28A	Vega, baz=69	68.80	54	P	P	14 28 17.7	-0.7
S35A	Otter Creek Ra, baz=69, SNR=7.7	68.82	49	P	P	14 28 16.8	-1.5
LONY	Lake Ozonia, comp=Z,4.4nm,1.1s	68.88	30	eP	P	14 28 17.1	-1.4
LONY				LR	LR	14 28 23.4	
LONY				LR	LR		
V30A	Spur Ranch, Mi, baz=69	68.93	53	P	P	14 28 18.6	-0.5
121A	Cookes Peak, D, baz=69, SNR=11	68.97	60	P	P	14 28 19.7	+0.1
121A	Cookes Peak, D, comp=Z,2.7nm,1.3s	68.97	60	eP	P	14 28 20.2	+0.7
U32A	Winter Ranch, baz=69	69.01	51	P	P	14 28 21.1	-0.5
S36A	Lake Cedric, C, baz=69	69.04	48	P	P	14 28 18.5	-1.1
T34A	McClaskey Farm, baz=69	69.10	50	P	P	14 28 18.8	-1.2
AQU	L'Aquila, comp=Z,1.1um,19.0s	69.11	324	PFAKE	LR	14 28 30.0	+10
AQU				LR	LR		
W29A	Amraillo, baz=69	69.13	54	P	P	14 28 19.6	-0.8
CSS	Prodromos, comp=Z,1.9nm,1.6s	69.17	306	eP	P	14 28 21.2	+0.6
CSS				LR	LR		
V31A	Spring Creek L, baz=69	69.24	52	P	P	14 28 20.7	-0.2
S37A	Fort Scott, baz=69, SNR=8.8	69.28	48	P	P	14 28 19.5	-1.6
U33A	Lingo Farm, Me, baz=69	69.29	51	P	P	14 28 20.0	-1.2
SFIN	Scholer Farm, baz=69	69.44	41	P	P	14 28 20.6	-1.5
SFIN	Scholer Farm, comp=Z,3.0nm,1.1s	69.44	41	eP	P	14 28 21.2	-0.9
T35A	Sooner Cattle, baz=69	69.44	49	P	P	14 28 21.3	-0.9
X28A	Dimmitt, baz=69	69.45	55	P	P	14 28 21.5	-0.9
W30A	Crocket Farms, baz=69	69.49	53	P	P	14 28 22.7	+0.1
U34A	Anderson Ranch, baz=69	69.50	50	P	P	14 28 22.1	-0.5
U34A	Anderson Ranch, comp=Z,4.1nm,1.2s	69.50	50	eP	P	14 28 22.7	+0.2
T36A	Boggs Farm, Ca, baz=69, SNR=8.1	69.53	49	P	P	14 28 21.4	-1.4
PBK1	Pangkalan Bun, comp=Z,3.9nm,1.1s	69.57	217	P	P	14 28 29.4	+6.3
NCB	Newcomb, comp=Z,3.9nm,1.1s	69.57	30	eP	P	14 28 20.4	-2.5
NCB				e	LR	14 28 26.8	
NCB				LR	LR		
V32A	Arapaho, comp=Z,1.1um,20.0s	69.58	52	P	P	14 28 22.9	-0.2
X29A	Tulia, baz=70	69.71	54	P	P	14 28 23.8	-0.1
W31A	Holland Ranch, baz=70	69.72	53	P	P	14 28 23.4	-0.6

KAPI	Kappang, baz=70	69.77	208	PFAKE	LR	14 28 40.0	+16
KAPI				LR	LR		
V33A	Los Amigos Ranch, comp=Z,2.57nm,20.0s	69.77	51	P	P	14 28 23.3	-1.0
MDV	Middlebury, baz=70	69.79	29	eP	P	14 28 22.8	-1.3
T37A	Cheneyville 18, baz=70, SNR=12	69.82	48	P	P	14 28 22.9	-1.6
U35A	Pannee, baz=70	69.85	50	P	P	14 28 23.9	-0.7
Y28A	McKinney Farm, baz=70	69.97	55	P	P	14 28 25.0	-0.6
X30A	Coker Ranch, T, baz=70	70.03	54	P	P	14 28 25.8	-0.1
SLM	Saint Louis, baz=70	70.03	44	eP	P	14 28 25.3	-0.4
W32A	Sentinel, baz=70	70.04	52	P	P	14 28 25.7	-0.2
V34A	Guthrie, baz=70	70.04	51	P	P	14 28 25.7	-0.2
V34A	Guthrie, comp=Z,4.8nm,1.1s	70.04	51	eP	P	14 28 25.3	-0.6
BKNI	Bangkinang, comp=Z,1.62nm,0.9s	70.10	228	P	P	14 28 31.5	+5.1
BKNI	Bangkinang, comp=Z,1.62nm,0.9s	70.10	228	P	P	14 28 26.8	+0.4
U31A	Oologah, baz=70	70.18	49	P	P	14 28 26.0	-0.7
X36A	McDonald Ranch, baz=70, SNR=14	70.20	53	P	P	14 28 26.3	-0.6
Y29A	Porterfield Fa, baz=70	70.24	55	P	P	14 28 27.0	-0.2
ACCN	Adirondack Com, comp=Z,3.8nm,1.0s	70.26	29	eP	P	14 28 26.1	-1.0
HNH	Hanover, comp=Z,3.5nm,1.0s	70.27	28	eP	P	14 28 26.5	-0.6
W33A	Caddo, Fort Co, comp=Z,4.8nm,1.2s	70.32	52	P	P	14 28 27.7	+0.2
EMMW	East Machias, comp=Z,4.8nm,1.2s	70.32	24	eP	P	14 28 26.1	-1.3
EMMW				e	P	14 28 32.8	
V35A	Meyer Ranch, C, baz=70	70.35	50	P	P	14 28 27.6	-0.2
U37A	Salina, baz=70, SNR=8.2	70.39	48	P	P	14 28 26.6	-1.3
CSI	Gunguositoli, baz=70	70.45	232	P	P	14 28 27.6	-1.0
GSI	Gunguositoli, comp=Z,6.3nm,1.3s	70.45	232	eP	P	14 28 27.7	-0.8
Z28A	Tucker Farm, M, baz=70	70.47	56	P	P	14 28 28.2	-0.5
W34A	Bridge Creek, baz=70	70.48	51	P	P	14 28 28.9	+0.3
W34A	Bridge Creek, comp=Z,7.7nm,1.4s	70.48	51	eP	P	14 28 29.7	+1.1
Y30A	Stafford Cattl, baz=70	70.52	54	P	P	14 28 29.0	0.0
WMOK	Wichita Mounta, comp=Z,6.8nm,1.1s	70.55	52	eP	P	14 28 28.7	-0.4
WMOK				e	LR	14 28 35.3	
WMOK				LR	LR		
TUL1	Tulsa, comp=Z,5.23nm,22.0s	70.59	49	P	P	14 28 28.5	-0.7
TUL1	Tulsa, comp=Z,2.0nm,0.8s	70.59	49	eP	P	14 28 27.9	-1.3
TUL1				e	P	14 28 35.2	
CUC	Castrocucco, comp=Z,6.55nm,20.0s	70.60	321	PFAKE	LR	14 28 40.0	+11
CUC				LR	LR		
U38A	Grette, baz=70	70.62	48	P	P	14 28 28.1	-1.2
OLIL	Olney, baz=70, SNR=6.0	70.63	42	eP	P	14 28 28.2	-1.2
X32A	Elmer, baz=70	70.65	53	P	P	14 28 29.2	-0.4
V36A	Jenks, baz=70	70.65	49	P	P	14 28 29.9	-0.7
Y31A	Rekieta Farm, baz=70	70.69	54	P	P	14 28 29.5	-0.4
Z29A	Hungry Hill Ra, baz=70	70.76	55	P	P	14 28 30.2	-0.2
ACSO	Alum Creek Sta, comp=Z,7.6nm,1.1s	70.79	38	eP	P	14 28 28.7	-1.7
ACSO				e	LR	14 28 35.2	
ACSO				LR	LR		
X33A	Lawton, comp=Z,2.2um,20.0s	70.83	52	P	P	14 28 30.6	-0.2
V37A	Hulbert, baz=71, SNR=9.0	70.85	49	P	P	14 28 29.4	-1.4
W35A	Tecumseh, baz=71	70.88	50	P	P	14 28 30.8	-0.2
Z30A	Sanderson Ranc, baz=71, SNR=10.0	70.95	55	P	P	14 28 30.6	-0.9
Y32A	R-V Farms, Ver, baz=71, SNR=10.0	70.96	53	P	P	14 28 31.0	-0.5
128A	Castleberry Fa, baz=71	71.02	51	P	P	14 28 31.9	-0.1
X34A	Smith Ranch, M, comp=Z,2.9nm,1.4s	71.07	320	eP	P	14 28 32.5	+0.6
TIP	Timpagrande, comp=Z,2.9nm,1.4s	71.07	320	eP	P	14 28 31.2	-1.0
TIP				LR	LR		
V38A	Canehill, baz=71, SNR=12	71.13	48	P	P	14 28 31.3	-1.2
W36A	Wetunia, baz=71, SNR=8.3	71.13	50	P	P	14 28 32.3	-0.2
SIUC	Southern Illin, comp=Z,5.1nm,0.9s	71.20	43	eP	P	14 28 31.9	-1.0
PMG	Port Moresby, comp=Z,1.17nm,1.2s	71.22	178	eP	Pmax	14 28 31.8	-1.3
PMG				LR	LR	14 28 50.0	+17
PMG				LR	LR		
129A	Stewart Farms, comp=Z,4.44nm,20.0s	71.25	55	P	P	14 28 32.6	-0.8
Y33A	Hilltop Ranch, baz=71, SNR=6.8	71.26	52	P	P	14 28 33.2	-0.1
Z31A	Sharp Cattle R, baz=71	71.30	54	P	P	14 28 33.2	-0.4
Z28A	UT Block 9, Go, baz=71	71.42	56	P	P	14 28 33.8	-0.7
USIN	University of, comp=Z,4.9nm,0.8s	71.47	42	eP	P	14 28 33.9	-0.6
X35A	Drake, baz=71, SNR=8.4	71.52	51	P	P	14 28 34.4	-0.5
Z32A	Haskell, baz=71, SNR=9.2	71.57	53	P	P	14 28 34.7	-0.5
HRV	Adam Dzewiosk, comp=Z,4.2nm,1.1s	71.57	28	P	P	14 28 34.4	-0.7
X36A	Centrahoma, baz=71, SNR=1.9	71.59	50	P	P	14 28 35.3	0.0
Y34A	Beagan Ranch, baz=71, SNR=9.9	71.63	52	P	P	14 28 35.4	-0.1
130A	Snyder, baz=71	71.63	55	P	P	14 28 35.1	-0.5
131A	Roly, baz=71	71.78	54	P	P	14	

2d 15h

Table with columns: ID, Name, Time, Az, El, P, M, L, R, SNR, etc. Includes stations like Bronson, Sam Houston St, 438A, etc.

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Table with columns: STKA, Name, Time, Az, El, P, M, L, R, SNR, etc. Includes stations like Stephens Creek, STKA, STKA, etc.

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Table with columns: BOLV, Name, Time, Az, El, P, M, L, R, SNR, etc. Includes stations like Bolvadin, BOLV, BOLV, etc.

KRNET 02 14:47:26.1±0.1, 42.11N, 77.09E, h13km, mb2.7
KNET 02 14:47:27.6±1.4, 42.12N, 76.97E, h13km, mb2.3, Error
ellipse: s-maj=9.0km s-min=6.7km az=145.0

Table with columns: Code, Station Name, Time, Az, El, P, M, L, R, SNR, etc. Includes stations like ULHL, Ulahol, ULHL, etc.

IDC 02 15:33:54.5±2.9, 42.02N, 125.66W, h0km, mb3.6/2,
mb1.3/4, mb1mx3.9/28, mbtmp3.2/4, ML3.2/3, MS3.1/4,
MS1.3/1.4, ms1mx2.7/55, Error ellipse: s-maj=52.9km
s-min=21.2km az=39.0, Off coast of Oregon

Table with columns: Code, Station Name, Time, Az, El, P, M, L, R, SNR, etc. Includes stations like YBH, Yreka Blue Hor, YBH, etc.

IDC 02 15:43:06.5±4.9, 12.60S, 165.31E, h0km, mb3.9/4,
mb1.4/0.4, mb1mx3.6/25, mbtmp3.1/7.4, Error ellipse:
s-maj=132.7km s-min=47.0km az=119.0, Santa Cruz
Islands

Table with columns: Code, Station Name, Time, Az, El, P, M, L, R, SNR, etc. Includes stations like STKA, Stephens Creek, STKA, etc.

Table with columns: Code, Station Name, Time, Az, El, P, M, L, R, SNR, etc. Includes stations like MEX 02, Pinotepa, MEX 02, etc.

KRSC 02 15:53:57.0-1.9,5070N<157.65E,h118km,28km,ML3.9, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like PAU Puzhetka, AVH Avacha, MIPR Malaya Ipe'l'ka, etc.

IDC 02 15:56:10.9-1.2,39.38S;76.29E,h0km,mb3.9/8, mb1.4/1.8,mb1mx3.8/22,mbtmp3.9/8,MS4.0/18, Ms1.4/0.18,ms1mx3.9/25,Error ellipse: s-maj=36.5km s-min=27.1km az=88.0

ISCJB 02 15:56:11.0-0.8,39.55S;0.1x76.5E-0.2,h10km,36.9/9, MS4.1/18,Error ellipse: s-maj=26.2km s-min=19.7km az=168.7

NEIC 02 15:56:12.9-0.8,39.44S;76.41E,h10km,mb4.1/1,Error ellipse: s-maj=26.9km s-min=20.3km az=81.0

ISC 02 15:56:13.0-0.1,0.394S;0.2x76.4E-0.2,h10km,n32, r198/10,mb3.9/9,MS4.1/18,Mid-Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like MAW Mawson, H01W2 Cape Leeuwin, H01W3 Cape Leeuwin, etc.

IDC 02 15:58:31.5-10.0,7.22S<155.00E,h119km,65km,mb3.5/5, mb1.3/6.7,mb1mx3.4/21,mbtmp3.9/7,Error ellipse: s-maj=96.5km s-min=30.1km az=85.0,Bougainville - Solomon Islands region

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

CSEM 02 16:00:09.8,36.99N<35.69E,h5km,MD2.2

ISK 02 16:00:09.8,36.99N<35.69E,h5km,MD2.2,Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like CEYT Ceyhan, KRTS Karatas, KRYS Karatas.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like KOZT Kozan, KARA Karaisali, KARAI Karaisali, etc.

CSEM 02 16:02:09.5,40.34N<27.87E,h5km,MD2.6

ISK 02 16:02:09.5,40.34N<27.87E,h5km,MD2.6,Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like EDC Edincik, MRMT Marmara Adasi, KCTX Karacabey, etc.

ISK 02 16:13:29.4,37.33N<37.58E,h15km,MD2.7

CSEM 02 16:13:29.6,0.2,37.29N<37.59E,h15km,MD2.8,Error ellipse: s-maj=4.4km s-min=4.6km az=147.0

DDA 02 16:13:30.2,37.39N<37.51E,h5km,MD2.8

ISC 02 16:13:28.7,1.3731N<0.04x37.57E-0.03,h5km,8km,n19,r069/26,Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like GZT Gaziantep, KMRS Kahramanmaraş, KUZU Kuzuni, etc.

BUL 02 16:14:34.0-1.7,25.69S<24.66E,h296km,999km,MD3.9

ISCJB 02 16:14:36.6-0.9,26.36S<0.03x27.64E-0.04,h14km,5km, Error ellipse: s-maj=6.6km s-min=4.6km az=13.8

PRE 02 16:14:37.9-1.7,26.41S<27.54E,h2km,ML3.0

ISC 02 16:14:37.6-0.9,26.40S<0.03x27.58E-0.04,h11km,5km,n17,r173/34,South Africa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like KLOF Kloof, WDLM Western Deep L, PRYS Parys, etc.

ISC 02 16:14:37.6-0.9,26.40S<0.03x27.58E-0.04,h11km,5km,n17,r173/34,South Africa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like SWZ Schweizer, LBTB Lobatse, BOSB Boshof, etc.

ISC 02 16:14:37.6-0.9,26.40S<0.03x27.58E-0.04,h11km,5km,n17,r173/34,South Africa

ISC 02 16:14:37.6-0.9,26.40S<0.03x27.58E-0.04,h11km,5km,n17,r173/34,South Africa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like BUFB Buefelsfontein, MOAB Moab Khotsong, etc.

ISCJB 02 16:45:04.6-0.9,37.33S<0.2x78.3E-0.2,h13km,mb3.9/8, MS3.7/9,Error ellipse: s-maj=29.2km s-min=21.7km az=147.9

IDC 02 16:45:04.0-1.3,37.25S<78.13E,h0km,mb3.8/7, mb1.4/0.7,mb1mx3.7/22,mbtmp3.8/7,MS3.7/2,Ms1.3/6.2, ms1mx3.1/35,Error ellipse: s-maj=38.0km s-min=27.6km az=52.0

NEIC 02 16:45:05.8-1.0,37.28S<78.19E,h10km,mb4.0/1,Error ellipse: s-maj=30.9km s-min=22.4km az=56.0

ISC 02 16:45:06.3-1.1,37.33S<0.2x78.2E-0.2,h13km,n16,r37/8,mb3.9/8,Mid-Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like H01W2 Cape Leeuwin, H01W3 Cape Leeuwin, H01W1 Cape Leeuwin, etc.

IDC 02 16:51:32.8-5.4,39.41S<77.80E,h0km,mb3.8/4, mb1.4/0.4,mb1mx3.6/30,mbtmp3.8/4,Error ellipse: s-maj=220.2km s-min=34.4km az=24.0,Mid-Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like H01W2 Cape Leeuwin, H01W3 Cape Leeuwin, H01W1 Cape Leeuwin, etc.

CASC 02 17:04:07.6-2.0,13.24N<90.87W,h22km,11km,MD3.9, Near coast of Guatemala

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like IXG Ixpaco, FUEG Fuego 3, JAT Jata, etc.

IDC 02 17:13:59.2-0.7,10.98S<163.09E,h0km,mb4.4/14, mb1.4/6.15,mb1mx4.5/29,mbtmp4.4/15,ML4.21,MS3.9/8, Ms1.9/8,ms1mx3.8/26,Error ellipse: s-maj=24.4km s-min=16.5km az=101.0

ISCJB 02 17:14:02.5-0.3,11.05S<0.06x163.12E-0.06,h31km, mb4.6/29,MS3.8/6,Error ellipse: s-maj=9.7km s-min=6.3km az=136.4

BUI 02 17:14:06.8,10.92S<163.31E,h69km,mb4.6/33,mb4.8/25, Ms4.8/19,Ms7.4/5/20

NEIC 02 17:14:08.7-1.4,11.01S<163.07E,h27km,12km,mb4.7/18, Error ellipse: s-maj=11.6km s-min=8.3km az=154.0

AUST 02 17:14:12.1-5.2,11.23S<163.94E,h163km,Error ellipse: s-maj=2.5km s-min=1.2km az=335.0

ISC 02 17:14:03.0-0.4,11.08S<0.06x163.26E-0.08,h31km,n84,r1566/84,mb4.7/29,MS3.9/6,Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like HNR Honiara, DZM Mont Dzumam, TARAW Tarawa, etc.

2d 17h

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like URZ Urewhera, AS31 Alice Springs, and various international stations.

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Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like WMQ Urumqi, NVAR Mina Array Bea, and various international stations.

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Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like EKA Eskdalemuir Ar, BORG Borgezanes, and various international stations.

Table with columns: XAN, Xif'an, 3.83 58 Pn, Pn, 19 19 01.3 -0.3, NEIC 02 19:32:11.5, 2.5, 11:16N-69:32W, h16km, 16km, mb4.0/1, Error ellipse: s-maj=9.3km s-min=6.4km az=107.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, NEIC 02 19:32:10.8, 1.2, 11:13N-0:04, 69:39W, 0.13, h13km, gkm, n52, e091/59, mb3.8/12, MS3.0/5, 3C-10, Near coast of Venezuela

Table with columns: YAM, Vamos, 1.51 99 P, Pn, 20 27 04.5 +0.6, NEIC 02 21:01:32.6, 16:04N-98:63W, h16km, MD4.0(MEX), After MEX

Table with columns: IDC 02 19:20:47.3, 1.0, 15:50S-68:44W, h0km, mb3.4/2, mb1.3/9.4, mb1mx3.7/22, mbtmp3.9/4, ML3.2, MS2.7/3, MS1.2/7.3, ms1mx2.5/19, Error ellipse: s-maj=39.6km s-min=10.0km az=68.0

Table with columns: IDC 02 20:14:14.4, 4:55.0, 19:52S-178:42W, h0km, mb4.0/3, mb1.4/2.3, mb1mx3.6/26, mbtmp4.0/3, MS3.1/1, MS1.3/1.1, ms1mx2.7/19, Error ellipse: s-maj=999.3km s-min=162.5km az=81.0, Fiji Islands region

Table with columns: NEIC 02 21:01:32.6, 16:04N-98:63W, h16km, MD4.0, After MEX, MEX 02 21:01:32.6, 16:04N-98:63W, h16km, 12km, MD4.0, Near coast of Guerrero

Table with columns: IDC 02 21:24:15.8, 3.5, 6:13S-149:65E, h0km, mb3.2/2, mb1.3/6.3, mb1mx3.3/23, mbtmp3.5/3, ML1.6/1, Error ellipse: s-maj=134.0km s-min=35.9km az=117.0, New Britain region

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Table with columns: Station Name, Time, Res, Azimuth, etc. Includes stations like HOS3 Diego Garcia H, MAW Mawson, MAW Mawson, etc.

Table with columns: Station Name, Time, Res, Azimuth, etc. Includes stations like UNV Unalaska Valle, UNV Akut, AKUT Akut, etc.

CSEM 02:22:03.27.0.0.4, 67.12N, 20.54E, h1km, ML1.5, Error ellipse: s-maj=8.17km s-min=4.4km az=77.0, Mining explosion.

HEL 02:22:03.28.9.0.1, 67.15N, 20.56E, h0km, ML1.5, MLO.8(UPP), Explosion, Sweden

Table with columns: Code, Station Name, Time, Res, Azimuth, etc. Includes stations like MASU Masugnsbyn, MASU Masugnsbyn, ERTU Ertsjaerv, etc.

MEX 02:22:04.41.1.0.6, 16.09N, 98.62W, h17km, 9km, MD3.9

Table with columns: Code, Station Name, Time, Res, Azimuth, etc. Includes stations like PNIG Pinotepe, PNIG Pinotepe, TLIG Tlapa, etc.

NIED 02:22:40.036.70N, 140.30E, h101km, Mw4.8 Best double couple: M=1.70000, 1016 NP1: 0.327, 0.00000, 0.6, 0.00000, 1.47, 0.00000, NP2: 0.189, 0.00000, 0.85, 0.00000, 1.94, 0.00000

BUI 02:22:40.43.9.36, 62N, 140.38E, h89km, mb4.9/61, mB4.9/38, Ms4.2/34, Ms7.4/0/33

SZGRF 02:22:40.44.6.37, 50N, 141.27E, h33km, mb4.7, Near east coast of eastern Honshu, Japan

MOS 02:22:40.46.4.1.0, 36.90N, 140.31E, h85km, mb4.7/36, Error ellipse: s-maj=9.0km s-min=5.4km az=114.6

IDC 02:22:40.47.6.0.5, 36.77N, 140.13E, h83km, mb4.3/36, mb4.4/37, mb1mx3.4/44, mbmtpp4.7/37, MS3.6/8, Ms1.3/6.8, ms1mx3.3/32, Error ellipse: s-maj=11.6km s-min=7.8km az=90.0

JMA 02:22:40.47.9.36, 74N, 140.31E, h82km, 1km, M4.6 Broadband fault plane solution: P waves. NP1: 0.21, 0.00000, 0.76, 0.00000, 1.1, 0.00000, NP2: 0.256, 0.00000, 0.824, 0.00000, 1.38, 0.00000, Principal axes: T Plg28.00000, Azm126.00000, N Plg19.00000, Azm26.00000, P Plg55.00000, Azm267.00000

JMA Felt III J1, IS/CJB 02:22:40.47.1.0.2, 36.74N, 140.02, 140.23E, 0.02, h92km, 1km, mb4.7/144, Error ellipse: s-maj=3.7km s-min=3.0km az=140.0

NEIC 02:22:40.48.0.0.6, 36.80N, 140.10E, h84km, mb4.8/62, MW4.8(NIED), Error ellipse: s-maj=5.4km s-min=3.6km az=140.0

NEIC Felt at Narita and Tsukuba. Recorded [3 JMA] in Fukushima, Ibaraki and Tochigi; [2 JMA] in Chiba, Gumma, Miyagi and Saitama; [1 JMA] in Tokyo.

ISC 02:22:40.48.0.0.3, 36.80N, 140.03, 140.23E, 0.03, h89km, 2km, h89km; cp-P, n402, 0.1937/496, mb4.8/156, 38C-25D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Time, Res, Azimuth, etc. Includes stations like JSB Shibus, JSB Hitachi, JHO Otama, etc.

Table with columns: Station Name, Time, Res, Azimuth, etc. Includes stations like MJAR Matsushiro Arr, MJAR Matsushiro, MAJO Matsushiro, etc.

IDC 02:22:00.26.7.27.0.52, 63N, 171.23W, h0km, mb3.6/2, mb1.3/9.3, mb1mx3.3/32, mbmtpp3.4/3, ML3.7/1, Error ellipse: s-maj=52.7km s-min=7.7km az=90.0

ISC/JB 02:22:00.36.4.1.4, 52.8N, 0.2, 169.39W, 0.10, h4km, 13km, mb3.6/2, Error ellipse: s-maj=35.7km s-min=8.9km az=152.3

NEIC 02:22:00.36.6.52, 70N, 169.20W, h5km, ML3.2(AEIC), After AIC

ISC 02:22:00.36.0.2.1, 52.8N, 0.2, 169.39W, 0.10, h4km, 13km, n24, 0.876/21, Fox Islands

Table with columns: Code, Station Name, Time, Res, Azimuth, etc. Includes stations like NIKH Nikolski High, NIKH Nikolski High, OKSO Okmok South, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ASAR Alice Springs, PRGR Permogore, SPAO Spitsbergen Ar, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like CFR Carcaliu, TPNV Topoph Spring, HWUT Hardware Ranch, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ROTZ Rotzenmuhle, VBSA Vitoshka, UBTB Unterzibach, etc.

ICD 02 22:44:29.21, 4.36:66S:177:06E, h273km, gkm, mb3.8/6, mb1 4.0/6, mb1mx3.6/24, mbtmp4.4/6, Error ellipse: s-maj=32.7km s-min=17.7km az=46.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Resolution. Includes stations like MYRZ Mayor Island, OPRZ Ohinepanea, etc.

NMZH	Naumai	1.90 177	ePn	Pn	22 45 19.0 +1.3
WHZH	Waihua	1.92 167	PN	Pn	22 45 18.7 +0.9
HIZ	Hauti	1.94 227	PN	Pn	22 45 19.8 +1.8
HIZ	Hauti	1.94 227	ePn	Pn	22 45 19.3 +1.4
BKZ	Black Stump Fm	1.97 184	PN	Pn	22 45 18.5 +0.3
AKL	AKL	2.23 192	PN	Pn	22 45 21.3 +1.2
BKZ	Black Stump Fm	1.97 184	ePn	Pn	22 45 19.0 +0.7
PRGZ	Paritu Road	1.97 151	ePn	Pn	22 45 16.2 -2.0
KNZ	Kokohu	1.98 157	PN	Pn	22 45 18.6 +0.4
KNZ	Kokohu	1.98 157	ePn	Pn	22 45 18.6 +0.4
KRVZ	Karewarewa	2.06 203	ePn	Pn	22 45 20.2 +1.2
KRVZ	Karewarewa	2.06 203	ePn	Pn	22 45 20.2 +1.2
ARHZ	Arapoanui	2.07 173	PN	Pn	22 45 20.2 +1.2
NGZ	Ngauruhoe	2.14 203	ePn	Pn	22 45 21.3 +1.5
NGZ	Ngauruhoe	2.14 203	ePn	Pn	22 45 21.3 +1.5
COVZ	Chateau Observ	2.18 204	PN	Pn	22 45 21.2 +1.2
WPVZ	Whakapapa	2.19 203	PN	Pn	22 45 21.3 +1.2
WPVZ	Whakapapa	2.19 203	ePn	Pn	22 45 21.3 +1.2
KWVZ	Kaweka Forest	2.23 185	PN	Pn	22 45 21.4 +1.0
FWVZ	Far West T-bar	2.23 192	PN	Pn	22 45 21.4 +0.8
FWVZ	Far West T-bar	2.23 203	ePn	Pn	22 45 21.9 +1.3
MCHZ	McNeill Hill	2.24 179	PN	Pn	22 45 21.7 +1.3
MCHZ	McNeill Hill	2.24 179	ePn	Pn	22 45 21.7 +1.3
DRZ	Domie Shelter	2.24 202	ePn	Pn	22 45 22.3 +1.5
DRZ	Domie Shelter	2.24 202	ePn	Pn	22 45 22.3 +1.5
WNVZ	Wahianoa	2.28 201	ePn	Pn	22 45 22.1 +1.1
WNVZ	Wahianoa	2.28 201	ePn	Pn	22 45 22.1 +1.1
PKVZ	Pokaka	2.33 206	ePn	Pn	22 45 22.8 +1.5
PKVZ	Pokaka	2.33 206	ePn	Pn	22 45 22.8 +1.5
BHZZ	Black Hill Sta	2.33 192	PN	Pn	22 45 20.7 +0.7
BHZZ	Black Hill Sta	2.33 192	ePn	Pn	22 45 20.7 +0.7
MTVZ	Mangatetei	2.37 203	PN	Pn	22 45 23.0 +1.4
MTVZ	Mangatetei	2.37 203	ePn	Pn	22 45 23.1 +1.4
VRZ	Vera Road	2.44 217	PN	Pn	22 45 24.1 +1.9
VRZ	Vera Road	2.44 217	ePn	Pn	22 45 24.1 +1.9
KRHZ	Kereru	2.45 185	PN	Pn	22 45 23.2 +0.9
KRHZ	Kereru	2.45 185	ePn	Pn	22 45 23.2 +0.9
CKHZ	Cape Kidnapper	2.47 173	PN	Pn	22 45 23.1 +1.2
CKHZ	Cape Kidnapper	2.47 173	ePn	Pn	22 45 23.1 +1.2
KAHZ	Kahuranaki	2.59 176	PN	Pn	22 45 24.7 +1.1
KAHZ	Kahuranaki	2.59 176	ePn	Pn	22 45 24.7 +1.1
PNHZ	Pukenui	2.73 188	PN	Pn	22 45 25.8 +0.9
PNHZ	Pukenui	2.73 188	ePn	Pn	22 45 25.8 +0.9
PXZ	Pawani	2.83 177	PN	Pn	22 45 26.7 +0.9
PXZ	Pawani	2.83 177	ePn	Pn	22 45 26.7 +0.9
WPVZ	Waipukurau	2.86 183	PN	Pn	22 45 27.9 +0.7
WAZ	Wanganui	2.87 207	PN	Pn	22 45 27.5 +1.3
WAZ	Wanganui	2.87 207	ePn	Pn	22 45 27.5 +1.3
NEZ	North Egmont	2.89 224	PN	Pn	22 45 29.6 +3.1
NEZ	North Egmont	2.89 224	ePn	Pn	22 45 29.6 +3.1
TSZ	Takapari Road	2.91 191	PN	Pn	22 45 27.4 +0.8
TSZ	Takapari Road	2.91 191	ePn	Pn	22 45 27.4 +0.8
KHEZ	Kahui Hut	2.95 224	PN	Pn	22 45 29.8 +2.7
NWEZ	Newall Road	3.00 226	PN	Pn	22 45 30.7 +2.9
NWEZ	Newall Road	3.00 226	ePn	Pn	22 45 30.7 +2.9
PRHZ	Porangahau	3.06 180	PN	Pn	22 45 28.9 +0.8
PRHZ	Porangahau	3.06 180	ePn	Pn	22 45 28.9 +0.8
DVHZ	Dannevirke	3.12 187	PN	Pn	22 45 29.4 +0.7
DVHZ	Dannevirke	3.12 187	ePn	Pn	22 45 29.4 +0.7
OUZ	Omahuta	3.17 308	PN	Pn	22 45 28.1 -1.3
OUZ	Omahuta	3.17 308	ePn	Pn	22 45 28.1 -1.3
POWZ	Post Office R	3.26 192	PN	Pn	22 45 30.9 +0.8
POWZ	Post Office R	3.26 192	ePn	Pn	22 45 30.9 +0.8
PRWZ	Pori Road	3.39 189	PN	Pn	22 45 30.3 +1.5
PRWZ	Pori Road	3.39 189	ePn	Pn	22 45 30.3 +1.5
BFZ	Birch Farm	3.49 185	PN	Pn	22 45 33.2 +0.7
BFZ	Birch Farm	3.49 185	ePn	Pn	22 45 33.2 +0.7
MRZ	Mangatainoka R	3.56 193	PN	Pn	22 45 33.6 +0.4
MRZ	Mangatainoka R	3.56 193	ePn	Pn	22 45 33.6 +0.4
MRZ	Mangatainoka R	3.56 193	ePn	Pn	22 45 33.6 +0.4
TIWZ	Tintock	3.62 189	PN	Pn	22 45 34.7 +0.7
TIWZ	Tintock	3.62 189	ePn	Pn	22 45 34.7 +0.7
TIWZ	Tintock	3.62 189	ePn	Pn	22 45 34.7 +0.7
OGWZ	Otagi Gorge	3.79 197	PN	Pn	22 45 36.4 +0.6
OGWZ	Otagi Gorge	3.79 197	ePn	Pn	22 45 36.4 +0.6
OGWZ	Otagi Gorge	3.79 197	ePn	Pn	22 45 36.4 +0.6
HOVZ	Holdsword Sta	3.80 193	PN	Pn	22 45 36.2 +0.3
HOVZ	Holdsword Sta	3.80 193	ePn	Pn	22 45 36.2 +0.3
KIW	Kapiti Island	3.90 200	PN	Pn	22 45 37.4 +0.4
KIW	Kapiti Island	3.90 200	ePn	Pn	22 45 37.4 +0.4
KIW	Kapiti Island	3.90 200	ePn	Pn	22 45 37.4 +0.4
TMWZ	Te Maipa	3.95 189	PN	Pn	22 45 38.0 +0.5
TMWZ	Te Maipa	3.95 189	ePn	Pn	22 45 38.0 +0.5
MTW	Mount Morrison	4.05 193	PN	Pn	22 45 38.9 +0.2
MTW	Mount Morrison	4.05 193	ePn	Pn	22 45 38.9 +0.2
CAW	Cannon Point	4.09 197	PN	Pn	22 45 39.6 +0.5
CAW	Cannon Point	4.09 197	ePn	Pn	22 45 39.6 +0.5
CAW	Cannon Point	4.09 197	ePn	Pn	22 45 39.6 +0.5
DUWZ	D'Urville Isla	4.18 210	PN	Pn	22 45 40.4 +0.3
DUWZ	D'Urville Isla	4.18 210	ePn	Pn	22 45 40.4 +0.3
TRWZ	Traveller	4.26 190	PN	Pn	22 45 41.6 +0.6
TRWZ	Traveller	4.26 190	ePn	Pn	22 45 41.6 +0.6
TRWZ	Traveller	4.26 190	ePn	Pn	22 45 41.6 +0.6
PAWZ	Paruwai Farm	4.28 193	PN	Pn	22 45 42.0 +0.8
PAWZ	Paruwai Farm	4.28 193	ePn	Pn	22 45 42.0 +0.8
PAWZ	Paruwai Farm	4.28 193	ePn	Pn	22 45 42.0 +0.8
WEL	Wellington	4.33 192	PN	Pn	22 45 42.3 +0.6
WEL	Wellington	4.33 192	ePn	Pn	22 45 42.3 +0.6
MSWZ	Moikau Station	4.35 194	PN	Pn	22 45 42.2 +0.3
MSWZ	Moikau Station	4.35 194	ePn	Pn	22 45 42.2 +0.3
MSWZ	Moikau Station	4.35 194	ePn	Pn	22 45 42.2 +0.3
SNWZ	South Karori	4.37 200	PN	Pn	22 45 43.0 +0.4
SNWZ	South Karori	4.37 200	ePn	Pn	22 45 43.0 +0.4
TCW	Tory Channel	4.41 204	PN	Pn	22 45 43.0 +0.4
TCW	Tory Channel	4.41 204	ePn	Pn	22 45 43.0 +0.4
TCW	Tory Channel	4.41 204	ePn	Pn	22 45 43.0 +0.4
BHW	Baring Head	4.42 198	PN	Pn	22 45 43.3 +0.5
BHW	Baring Head	4.42 198	ePn	Pn	22 45 43.3 +0.5
BHW	Baring Head	4.42 198	ePn	Pn	22 45 43.3 +0.5
PLWZ	Palliser	4.50 194	PN	Pn	22 45 43.9 +0.2
PLWZ	Palliser	4.50 194	ePn	Pn	22 45 43.9 +0.2
TUWZ	Tuamarina	4.72 206	PN	Pn	22 45 47.4 +0.2
TUWZ	Tuamarina	4.72 206	ePn	Pn	22 45 47.4 +0.2
TUWZ	Tuamarina	4.72 206	ePn	Pn	22 45 47.4 +0.2
NNZ	Nelson	4.75 211	PN	Pn	22 45 46.5 -0.1
NNZ	Nelson	4.75 211	ePn	Pn	22 45 46.5 -0.1
NNZ	Nelson	4.75 211	ePn	Pn	22 45 46.5 -0.1
QRZ	Quartz Range	4.84 220	PN	Pn	22 45 47.7 -0.4
QRZ	Quartz Range	4.84 220	ePn	Pn	22 45 47.7 -0.4
CMWZ	Cape Campbell	4.92 202	PN	Pn	22 45 49.6 +1.1
CMWZ	Cape Campbell	4.92 202	ePn	Pn	22 45 49.6 +1.1
CMWZ	Cape Campbell	4.92 202	ePn	Pn	22 45 49.6 +1.1
BSWZ	Blackbirch Sta	5.00 205	PN	Pn	22 45 53.3 +0.5
BSWZ	Blackbirch Sta	5.00 205	ePn	Pn	22 45 53.3 +0.5
BSWZ	Blackbirch Sta	5.00 205	ePn	Pn	22 45 53.3 +0.5
THZ	Topohouse	5.40 211	PN	Pn	22 45 53.8 +0.7
THZ	Topohouse	5.40 211	ePn	Pn	22 45 53.8 +0.7
KHZ	Kahutara	5.40 211	PN	Pn	22 45 53.8 +0.7
KHZ	Kahutara	5.40 211	ePn	Pn	22 45 53.8 +0.7
KHZ	Kahutara	5.40 211	ePn	Pn	22 45 53.8 +0.7
DSZ	Denimston Nort	5.59 218	PN	Pn	22 45 59.2 -0.9
DSZ	Denimston Nort	5.59 218	ePn	Pn	22 45 59.2 -0.9
LTZ	Lake Taylor	6.51 210	PN	Pn	22 46 07.2 -0.3
LTZ	Lake Taylor	6.51 210	ePn	Pn	22 46 07.2 -0.3
OXZ	Oxford	7.06 209	PN	Pn	22 46 13.5 -0.7
OXZ	Oxford	7.06 209	ePn	Pn	22 46 13.5 -0.7
MOZ	McQueen's Vall	7.18 204	PN	Pn	22 46 15.0 -0.6
MOZ	McQueen's Vall	7.18 204	ePn	Pn	22 46 15.0 -0.6
WVZ	Waitha Valley	7.42 216	PN	Pn	22 46 16.6 -1.9

RPZ	Rata Peaks	7.78 212	P	Pn	22 46 22.3 -0.7
RPZ	Rata Peaks	9.4nm, 0.3s, baz=347, slow=1.3, SNR=23	S	S	22 47 48.7 -4.0
RPZ	Rata Peaks	7.78 212	ePn	Pn	22 46 22.3 -0.7
RPZ	Rata Peaks	7.78 212	eS	S	22 47 48.7 -4.0
FOZ	Fox Glacier	8.29 218	ePn	Pn	22 46 26.1 -3.0
FOZ	Fox Glacier	8.29 218	ePn	Pn	22 46 27.6 -1.6
LBZ	Lake Benmore	8.70 212	ePn	Pn	22 46 34.0 -0.2
LBZ	Lake Benmore	8.70 212	ePn	Pn	22 46 34.1 -0.1
ODZ	Otagi Downs	9.05 208	ePn	Pn	22 46 39.6 +1.0
ODZ	Otagi Downs	9.05 208	ePn	Pn	22 46 39.6 +1.0
JCZ	Jackson Bay	9.12 219	ePn	Pn	22 46 39.0 -0.6
WKZ	Wanaka	9.56 215	ePn	Pn	22 46 43.9 -1.0
MSZ	Milford Sound	9.96 219	PN	Pn	22 46 46.3 -3.5
MSZ	Milford Sound	9.96 219	ePn	Pn	22 46 46.3 -3.5
WHZ	Wether Hill R	10.86 214	PN	Pn	22 47 00.5 -0.4
WHZ	Wether Hill R	10.86 214	ePn	Pn	22 47 01.4 +0.5
SYZ	Scrubby Hill	10.88 209	ePn	Pn	22 47 03.1 +2.1
APZ	The Paps	11.58 211	ePn	Pn	22 47 10.2 +0.5
STKA	Stevens Creek	29.26 270	P	P	22 50 07.8 0.0
STKA	Stevens Creek	29.26 270	ePn	Pn	22 50 07.8 0.0
AS12	Alice Springs	38.94 278	eP	P	22 51 31.5 +0.9
ASAR	Alice Springs	38.94 278	eP	P	22 51 31.5 +0.9
WSR	Wentworth	39.58 276	eP	P	22 51 43.9 -0.1
WRN	Warramunga Arr	40.58 283	eP	P	22 51 44.4 +0.4
WRN	Warramunga Arr	40.58 283	ePn	Pn	22 51 44.4 +0.4
QSPA	South Pole Qui	52.92 180	P	P	22 53 22.2 +3.6
QSPA	South Pole Qui	52.92 180	ePn	Pn	22 53 22.2 +3.6
VNA2	Neumayer-Watz	72.14 179	P	P	22 55 26.2 +1.6
VNA1	Neumayer-Stat	72.13 178	P	P	22 55 27.9 +1.8
KSRS	Korea Array	86.88 323	P	P	22 56 43.8 0.0
KSRS	Korea Array	86.88 323	ePn	Pn	22 56 43.8 0.0
KS15	Wonju Array Si	86.89 323	eP	P	22 56 43.8 -0.1
KS15	Wonju Array Be	86.89 323	eP	P	22 57 07.3 +0.8
CM31	Chiang Mai Arr	91.62 292	P	P	22 57 07.3 +0.8
CMAR	Chiang Mai Arr	91.62 292	ePn	Pn	22 57 07.3 +0.8
BAR	Barrett	93.26 51	eP	P	22 57 12.1 -1.7
DNR	Dunn Ranch, Anz	93.88 48	eP	P	22 57 20.0 -0.1
CLC	China Lake	94.82 48	eP	P	22 57 20.0 -0.1
SVZ	Sparrevohn	100.54 13	ePKIPK	PKIPK	22 02 11.4 +0.9
ARCS	ARCS Array B	144.06 343	PKP	PKP	22 03 28.8 -1.5
KBZ	Khabaz	144.20 295	PKP	PKP	22 03 31.6 -1.4
FINES	FINES Array B	149.57 332	PKP	PKP	22 03 43.9 +2.7
BRTR	Reskin Array B	151.07 286	PKP	PKP	22 03 48.5 -2.0
TOAD	Torodi Ar. Sit	155.62 192	ePKP	PKP	22 04 19.1 +0.1
TORD	Torodi Ar. Bea	155.62 192	ePKP	PKP	22 04 19.1 +0.1
WLF	Walfordgang	165.78 334	ePKP	PKP	22 05 00.3 -2.3

ISK 02 23:05:51.2, 0.37:28N-27.60E, h5km, MD2.7
 CSEM 02 23:05:52.7, 0.27:29N-27.62E, h2km, MD3.0, Error
 ellipse: s-maj=5.7km s-min=4.5km az=113.0
 DDA 02 2

2d 23h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like JMBI, SMRI, PPSI, UGM, etc.

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Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like KMSI, NAYO, SRDT, UBPT, etc.

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

KLRI		epP	pP	23 20 46.6	-1.8				
KLRI		esP	sP	23 20 51.7	-3.0				
ENH	Enshi	eP	P	36.99	7				
ENH	comp=Z,11nm,0.8s								
ENH		LR	LR						
ODAN	Odare	eP	P	37.23	334				
ODAN	comp=Z,162nm,0.9s								
CD2	Chengdu	eP	P	37.34	359				
CD2	comp=Z,22um,19.0s								
CD2		pP	pP	23 20 35.5	-2.2				
CD2		sP	sP	23 20 58.4	+0.7				
CD2		PP	PP	23 22 02.6	-1.1				
CD2		S	S	23 26 21.7	-0.1				
CD2		sS	sS	23 26 48.6	+3.6				
CD2	comp=Z,30nm,0.8s								
CD2	comp=Z,180nm,6.9s								
CD2	comp=Z,1um,16.4s								
CD2	comp=Z,950nm,18.2s								
TAPN	Taplejung	eP	P	37.52	335				
TAPN	comp=Z,290nm,0.9s								
RAMN	Ramites	eP	P	37.66	333				
RAMN	comp=Z,76nm,0.8s								
WHN	Wuhan	14 iP	pP	38.13	14				
WHN	comp=Z,1um,16.5s								
WHN	comp=Z,1um,16.1s								
WHN	comp=Z,2um,22.5s								
LSA	Lhasa	eP	P	38.36	341				
LSA	comp=Z,60nm,1.1s								
LSA		eS	LR						
COEN	Coen	eP	P	38.61	104				
COEN	comp=Z,300nm,21.0s								
COEN	baz=39,SNR=25								
COEN	comp=Z,58nm,0.8s								
PKI	Pulchoki	eP	P	38.73	332				
PKI	comp=Z,55nm,0.7s								
PKIN	Phulchoki	eP	P	38.74	332				
PKIN	comp=Z,32nm,0.7s								
GUN	Gumba	eP	P	38.81	333				
GUN	comp=Z,204nm,0.7s								
DMN	Daman	eP	P	38.91	332				
DMN	comp=Z,148nm,1.0s								
KKN	Kakani	eP	P	38.98	332				
KKN	comp=Z,183nm,0.9s								
BBOO	Buckleboo	eP	P	39.16	136				
BBOO	baz=39,SNR=15								
BBOO	comp=Z,26nm,0.8s								
POO	Poona	iP	P	39.30	310				
POO	comp=Z,13nm,1.0s								
GKN	Gorkha	eP	P	39.46	332				
GKN	comp=Z,156nm,0.8s								
KOLN	Koldanda	eP	P	39.77	330				
KOLN	comp=Z,193nm,0.7s								
DANN	Dangsing	eP	P	40.17	331				
DANN	comp=Z,10nm,0.9s								
MTSU	Mount Sunrise	eP	P	40.35	110				
MTSU	baz=40,SNR=33								
XAN	Xi'an	6 P	pP	40.66	6				
XAN	comp=Z,68nm,0.9s								
XAN	comp=Z,47nm,5.6s								
XAN	comp=Z,610nm,20.5s								
XAN	comp=Z,750nm,20.5s								
SSE	Sheshan	22 P	pP	40.73	22				
SSE	comp=Z,45nm,0.8s								
SSE	comp=Z,72nm,5.7s								
SSE	comp=Z,330nm,14.0s								
SSE	comp=Z,170nm,14.0s								
SSE	comp=Z,410nm,14.9s								
NJ2	Nanjing	19 eP	S	40.80	19				
NJ2	comp=Z,40nm,1.1s								
NJ2	comp=Z,1um,18.2s								
NJ2	comp=Z,3um,23.9s								
NJ2	comp=Z,2um,20.1s								
HTT	Hallett	15 P	P	41.50	135				
HTT	baz=42,SNR=9.3								
PMG	Port Moresby	97c iP	pmax	42.22	97c				
PMG	comp=Z,2um,1.2s								
PMG	comp=Z,1um,0.8s								
AGRA	Agra	42.41 324 iP	AMB	42.41	324				
AGRA	comp=Z,135nm,0.9s								
LZH	Lanzhou	42.50 359 eP	pP	42.50	359				
LZH	comp=Z,2um,20.1s								
LZH	comp=Z,1um,17.0s								
LZH	comp=Z,180nm,4.9s								
LZH	comp=Z,700nm,13.5s								
LZH	comp=Z,460nm,13.0s								
LZH	comp=Z,1um,17.0s								
CTAO	Charters Tower	42.55 112 eP	P	42.55	112				
CTAO	comp=Z,40nm,1.0s								
QLP	Quilpie	42.60 122 P	P	42.60	122				
QLP	comp=Z,2um,1.2s								
STKA	St Stephens Creek	42.67 131 P	P	42.67	131				
STKA	comp=Z,50nm,0.6s, baz=302,slow=7.6,SNR=96								
STKA	comp=Z,762nm,21.4s, baz=297,slow=37								
STKA	comp=Z,50nm,0.6s								
STKA	comp=Z,762nm,21.5s								
STKA	comp=Z,32nm,0.7s								
ASOR	Ausora	43.66 325 eP	AMB	43.66	325				
ASOR	comp=Z,175nm,0.8s								
KALG	Kalgarh	43.68 327 ex	AML	43.68	327				
KALG	comp=Z,51nm,0.6s								
BISR	Bishrahk	43.71 324 eP	P	43.71	324				
BISR	comp=Z,2um,20.1s								
NDI	New Delhi	43.92 324 eP	P	43.92	324				
NDI	comp=Z,32nm,0.7s								
JOSI	Joshimath	44.08 328 ex	AMB	44.08	328				
JOSI	comp=Z,329nm,1.1s								
TIA	Tai'an	44.21 15 iP	PMZ	44.21	15				
TIA	comp=Z,40nm,0.7s								
TIA	comp=Z,150nm,5.1s								
TIA	comp=Z,570nm,20.2s								

TIA	comp=Z,470nm,19.0s								
TIA	comp=Z,820nm,18.4s								
KHET	Khetri	44.30 322 eP	AMB	44.30	322				
KHET	comp=Z,128nm,1.0s								
GUMO	Guam	44.75 63 eP	P	44.75	63				
GUMO	comp=Z,92nm,0.8s								
KKR	Kurukshetra	45.11 325 eP	P	45.11	325				
ARPS	Mount Arapiles	45.30 137 iP	P	45.30	137				
ARPS	baz=45,SNR=4.8								
KSHUK	Heuksando	45.57 24 P	P	45.57	24				
KSHUK	comp=Z,21nm,0.9s								
CMSA	Cobar Meteorol	45.66 128 P	P	45.66	128				
CMSA	baz=46,SNR=15								
KSJD	Jindo	45.75 25 P	P	45.75	25				
KSJD	SNR=8.6								
SMLA	Simla	45.80 327 iP	P	45.80	327				
SMLA	comp=Z,310nm,5.5s								
GTA	Goatai	46.02 355 P	P	46.02	355				
GTA	comp=Z,75nm,0.9s								
GTA	comp=Z,310nm,5.5s								
GTA	comp=Z,1um,16.9s								
GTA	comp=Z,690nm,18.0s								
GTA	comp=Z,920nm,22.8s								
SDNR	Sundarnagar	46.20 327 eP	P	46.20	327				
SDNR	comp=Z,107nm,1.0s								
JNU	Nakatsue	46.76 31 eP	P	46.76	31				
JNU	comp=Z,300nm,19.0s								
BJT	Baijiatuu	47.63 12 eP	P	47.63	12				
BJT	comp=Z,64nm,0.9s								
BUI	Beijing	47.65 12 P	S	47.65	12				
BUI	comp=Z,73nm,0.9s								
BUI	comp=Z,200nm,4.2s								
BUI	comp=Z,720nm,19.7s								
BUI	comp=Z,480nm,15.5s								
BUI	comp=Z,760nm,24.0s								
HHC	Hu-ho-hao-te	47.68 7 eP	PP	47.68	7				
HHC	comp=Z,69nm,0.9s								
HHC	comp=Z,95nm,6.8s								
HHC	comp=Z,770nm,19.8s								
HHC	comp=Z,730nm,17.1s								
HHC	comp=Z,900nm,20.1s								
TJN	Taejon	47.82 25 eP	P	47.82	25				
KSCPR	CHUPUNGYEON	47.94 26 P	P	47.94	26				
KSCPR	SNR=5.2								
DL2	Dalian	47.98 18 P	pP	47.98	18				
DL2	comp=Z,24nm,0.6s								
DL2	comp=Z,100nm,4.0s								
DL2	comp=Z,370nm,17.1s								
DL2	comp=Z,150nm,13.3s								
DL2	comp=Z,410nm,18.4s								
KSBO	Boeun	48.11 25 P	P	48.11	25				
KSBO	SNR=1.1								
EIDS	Eidsvold	48.12 118 iP	P	48.12	118				
EIDS	baz=48,SNR=3.4								
KSBAR	Backryungdo	48.18 21 P	P	48.18	21				
KSBAR	SNR=11								
KSSAU	Sangju	48.18 26 P	P	48.18	26				
KSSAU	SNR=6.9								
KSCHJ	Chungju	48.50 25 P	P	48.50	25				
KSCHJ	SNR=11								
KS15	Wonju Array Si	48.94 25 eP	P	48.94	25				
KSAR	Wonju Array Be	48.94 25 P	P	48.94	25				
KSRS	Korea Array	48.97 25 P	P	48.97	25				
KSRS	comp=Z,23nm,0.9s, baz=215,slow=7.0,SNR=80								
KSRS	comp=Z,203nm,20.7s, baz=200,slow=37								
KSRS	comp=Z,23nm,0.9s								
KSRS	comp=Z,203nm,20.7s								
KSULJ	Ulijn	48.98 27 P	P	48.98	27				
KSULJ	SNR=6.1								
YNCB	YEONCHEON	49.07 23 P	P	49.07	23				
YNCB	SNR=9.7								
KSCHC	Chuncheon	49.20 24 P	P	49.20	24				
KSCHC	SNR=9.7								
KSDGY	Daegwallyong	49.48 25 P	P	49.48	25				
KSDGY	SNR=10								
KSJJA	Jahe	49.50 24 P	P	49.50	24				
KSJJA	SNR=13								
SNY	Shenyang	51.26 18 iP	P	51.26	18				
SNY	comp=Z,21nm,0.9s								
SNY	comp=Z,120nm,4.2s								

DUG	F22A	Rosebud	132.75	29	eSKPbc	SKPab	23 36 05.3 +1.1
A20A	Greybull	132.78	32	PKIKP	PKPdf	23 32 40.1 +0.4	
H28A	Rude Farm, Bot	132.91	22	PKIKP	PKPdf	23 32 40.5 -0.4	
MURC	Murrieta	132.95	49	PKIKP	PKPdf	23 32 40.5 +0.3	
TCUT	Toone Canyon	133.03	37	PFake LR		23 32 50.0 +1.0	
J19A	Crowheart	133.03	34	PKIKP	PKPdf	23 32 40.8 +0.5	
HEC	Hector Ludlow	133.06	48	PKIKP	PKIKP	23 32 41.2 -0.4	
C26A	Wahner Farm, P	133.07	24	PKIKP	PKIKP	23 32 41.1 -0.1	
TUQ	Turquoise Moun	133.07	47	PKIKP	PKPdf	23 32 41.1 +0.5	
D25A	Fairfield	133.08	26	PKIKP	PKIKP	23 32 41.0 -0.3	
I20A	Worland	133.08	32	PKIKP	PKIKP	23 32 41.4 -0.1	
BW06	Boulder Array	133.08	34	ePKPdf	PKPdf	23 32 41.1 +0.6	
PD31	Pinedale Array	133.08	34	ePKPdf	SKPab	23 36 09.4 +3.6	
PDAR	Baker	133.09	27	PKIKP	SKPab	23 36 09.4 +3.6	
E24A	Sheep Range	133.10	45	ePKPdf	PKIKP	23 32 41.2 -0.2	
G22A	Birney	133.13	30	PKIKP	PKIKP	23 32 41.5 -0.1	
H21A	Big Horn, Sher	133.18	31	PKIKP	PKIKP	23 32 41.4 -0.3	
F23A	Volborg	133.20	29	PKIKP	PKIKP	23 32 41.4 -0.2	
B28A	Dugan Ranch, T	133.25	23	PKIKP	PKIKP	23 32 41.5 -0.1	
ULM	Lac du Bonnet	133.27	18	PKP	PKPdf	23 32 40.5 +0.2	
ULM	Lac du Bonnet	133.27	18	PKIKP	PKPdf	23 32 40.5 +0.2	
A29A	Manning Farm,	133.28	21	PKIKP	PKIKP	23 32 41.4 -0.2	
NLU	North Lily Min	133.30	39	ePKPdf	PKPdf	23 32 43.0 +2.1	
C27A	Saylor Ranch,	133.40	24	PKIKP	PKIKP	23 32 41.8 -0.1	
J20A	Shoshoni	133.50	33	PKIKP	PKIKP	23 32 41.8 -0.6	
PFO	Pinyon Flat Ob	133.50	49	PKP	PKPdf	23 32 44.1 +2.7	
PFO	Pinyon Flat Ob	133.50	49	SKPbc	SKPab	23 32 10.9 +3.1	
PFO	Pinyon Flat Ob	133.50	49	PKP	PKPdf	23 32 44.1 +2.7	
PFO	Pinyon Flat Ob	133.50	49	PKIKP	PKIKP	23 32 43.3 +0.6	
EML	El Monte City P	133.52	50	ePKPpre	PKPpre	23 32 29.1	
E25A	Miller Ranch,	133.54	27	PKIKP	PKIKP	23 32 41.7 -0.6	
H22A	Clearmont	133.55	30	PKIKP	PKIKP	23 32 42.1 -0.3	
F24A	Ekalaka	133.56	28	PKIKP	PKIKP	23 32 42.1 -0.3	
GMRC	Granite Mounta	133.57	47	PKIKP	PKIKP	23 32 42.9 +0.1	
G23A	Bidlie	133.59	29	PKIKP	PKIKP	23 32 42.0 -0.5	
A30A	Hofart Farm,	133.60	21	PKIKP	PKIKP	23 32 42.0 -0.3	
I21A	Big Tits, Te	133.61	32	PKIKP	PKIKP	23 32 42.7 +0.1	
B29A	Wagenman Farm,	133.62	22	PKIKP	PKIKP	23 32 41.8 -0.5	
BEUC	Belle Mtn. Jos	133.67	48	PKIKP	PKIKP	23 32 43.1 0.0	
CLC	Cedar City	133.80	43	ePKPdf	PKPdf	23 32 44.2 +2.2	
MONP	Monument Peak	133.84	50	PKIKP	PKIKP	23 32 43.1 -0.4	
J21A	Lysite	133.85	32	PKIKP	PKIKP	23 32 43.2 0.0	
G24A	Alzada	133.96	28	PKIKP	PKPdf	23 32 42.2 +0.3	
E26A	Carlson Angus	133.98	26	PKIKP	PKIKP	23 32 42.8 -0.3	
I22A	9 Mile Ranch,	133.98	31	PKIKP	PKPdf	23 32 41.2 -0.8	
B30A	Myrvik Farm, E	134.01	21	PKIKP	PKPdf	23 32 42.0 +0.3	
MDND	Maddock	134.04	23	PKIKP	PKPdf	23 32 42.1 +0.2	
MDND	Maddock	134.04	23	ePKPdf	PKPdf	23 32 42.9 +1.1	
MDND	Maddock	134.04	23	eSKPbc	SKPab	23 36 08.9 -0.6	
H23A	Clabaugh Catti	134.05	30	PKIKP	PKIKP	23 32 42.8 -0.6	
MSU	Marysvalle	134.06	41	ePKPdf	PKPdf	23 32 44.2 +1.8	
IBP	Imperial Bould	134.19	50	PKIKP	PKIKP	23 32 44.2 +0.5	
D28A	Regan	134.19	24	PKIKP	PKPdf	23 32 42.6 +0.4	
IRM	Iron Mountain	134.23	48	PKIKP	PKIKP	23 32 43.9 -0.1	
TMUT	Trail Mountain	134.23	39	ePKPdf	PKPdf	23 32 45.2 +2.3	
BC3	Big Chuckawall	134.23	49	PKIKP	PKIKP	23 32 43.6 -0.5	
SWSC	Sam W. Stewart	134.29	50	PKIKP	PKPdf	23 32 43.2 +0.5	
J22A	Midwest	134.31	32	PKIKP	PKIKP	23 32 43.5 -0.6	
H24A	Dirks Ranch, A	134.32	29	PKIKP	PKPdf	23 32 43.0 +0.4	
F26A	Lodgepole	134.37	27	PKIKP	PKPdf	23 32 42.6 0.0	
E27A	Carlson	134.39	25	PKIKP	PKPdf	23 32 41.7 -0.9	
G25A	Kanab	134.45	43	ePKPdf	PKPdf	23 32 45.5 +2.4	
C30A	Mose, Pekin	134.58	22	PKIKP	PKPdf	23 32 42.6 -0.3	
F27A	Lemmon	134.63	26	PKIKP	PKPdf	23 32 42.7 -0.4	
E28A	Huff	134.64	24	PKIKP	PKPdf	23 32 42.5 -0.5	
D29A	Pettibone, Tap	134.69	23	PKIKP	PKPdf	23 32 43.0 -0.1	
J23A	Dilts Ranch, B	134.80	31	PKIKP	PKPdf	23 32 43.0 -0.6	
K22A	Casper	134.82	33	PKIKP	PKPdf	23 32 43.3 -0.4	
K22A	Casper	134.82	33	ePKPdf	PKPdf	23 32 44.1 +0.4	
G26A	Maurine	134.83	27	PKIKP	PKIKP	23 32 43.4 -0.1	
H25A	Fruitdale	134.87	28	PKIKP	PKPdf	23 32 43.5 -0.1	
Y21C	Blythe	134.88	48	PKIKP	PKPdf	23 32 43.6 -0.2	
I12A	Kuemmerle Ranc	134.94	30	PKIKP	PKPdf	23 32 43.0 -0.9	
D30A	Buchanan	134.97	22	PKIKP	PKPdf	23 32 43.5 -0.1	
AGMN	Agassiz Nation	134.98	19	PKIKP	PKPdf	23 32 43.0 -0.6	
AGMN	Agassiz Nation	134.98	19	ePKPdf	PKPdf	23 32 44.1 +0.5	
RSD	Black Hills	135.04	29	ePKPpre	PKPpre	23 36 11.2 +1.4	
RSD	Black Hills	135.04	29	eSKPbc	SKPab	23 36 12.5 -1.8	
G27A	Dupree	135.06	26	PKIKP	PKPdf	23 32 43.2 -0.7	
F28A	McLaughlin	135.18	25	PKIKP	PKPdf	23 32 44.2 +0.1	
K23A	Bowen Ranch, D	135.22	32	PKIKP	PKPdf	23 32 43.8 -0.6	
H26A	Fairpoint	135.26	28	PKIKP	PKPdf	23 32 43.9 -0.4	
J24A	Dixon Ranch, L	135.31	30	PKIKP	PKPdf	23 32 43.6 -0.9	

E30A	Jud	135.41	23	PKIKP	PKPdf	23 32 44.6 +0.2
O20A	White River Ci	135.53	36	PKIKP	PKPdf	23 32 44.4 -0.7
O20A	White River Ci	135.53	36	ePKPdf	PKPdf	23 32 45.5 +1.4
H27A	Howes	135.57	27	PKIKP	PKPdf	23 32 44.6 -0.3
I26A	New Underwood	135.67	28	PKIKP	PKPdf	23 32 45.1 0.0
J25A	Sunshine Ranch	135.69	30	PKIKP	PKPdf	23 32 45.0 -0.2
G28A	Parade	135.74	26	PKIKP	PKPdf	23 32 44.9 -0.2
F30A	Leola	135.92	24	PKIKP	PKPdf	23 32 44.9 -0.6
PV09	Paradox Valley	136.00	39	ePKPdf	PKPdf	23 32 45.8 +2.3
H28A	Mission Ridge	136.01	26	PKIKP	PKPdf	23 32 48.5 -0.1
I27A	Quinn	136.02	28	PKIKP	PKPdf	23 32 45.4 -0.3
G29A	Hoven	136.07	25	PKIKP	PKPdf	23 32 45.5 -0.2
J26A	Sides Ranch, S	136.10	29	PKIKP	PKPdf	23 32 45.3 -0.7
PV10	Paradox Valley	136.14	39	ePKPdf	PKPdf	23 32 48.5 +2.1
PV04	Paradox Valley	136.21	39	ePKPdf	PKPdf	23 32 49.4 +3.0
K25A	MacK Ranch, Ha	136.23	31	PKIKP	PKPdf	23 32 46.3 +0.1
WUAZ	Wupatki	136.24	44	PKIKP	PKPdf	23 32 46.8 +0.2
WUAZ	Wupatki	136.24	44	ePKPdf	PKPdf	23 32 48.5 +2.0
PV05	PHWY Pilot Hill	136.28	39	ePKPdf	PKPdf	23 32 48.2 +1.6
N23A	Red Feather La	136.34	34	PKIKP	PKPdf	23 32 47.1 +0.4
N23A	Red Feather La	136.34	34	PKIKP	PKPdf	23 32 46.9 +0.2
H28A	Red Feather La	136.34	34	ePKPdf	PKPdf	23 32 48.1 +1.4
H28A	Red Feather La	136.40	26	PKIKP	PKPdf	23 32 46.6 +0.3
G30A	Faulton	136.45	24	PKIKP	PKPdf	23 32 45.7 -0.7
I26A	Midland	136.47	27	PKIKP	PKPdf	23 32 46.6 +0.1
K28A	Motz Farm, Whi	136.51	30	PKIKP	PKPdf	23 32 46.5 -0.2
L25A	Engelbretsen Ra	136.51	31	PKIKP	PKPdf	23 32 47.2 +0.4
PV01	Paradox Valley	136.58	39	ePKPdf	PKPdf	23 32 48.8 +1.6
EYMN	Ely	136.60	16	PKIKP	PKPdf	23 32 47.1 +0.5
EYMN	Ely	136.60	16	ePKPdf	PKPdf	23 32 47.3 +0.7
EYMN	Ely	136.60	16	ePKPdf	PKPdf	23 35 24.2 -3.6
EYMN	Ely	136.60	16	eSKPbc	SKPbc	23 36 16.9 +2.1
J27A	Elkhorn Farm,	136.66	28	PKIKP	PKPdf	23 32 47.0 0.0
I29A	Vivian Onida	136.84	26	PKIKP	PKPdf	23 32 47.3 +0.1
J28A	Allard Ranch,	136.89	28	PKIKP	PKPdf	23 32 47.2 -0.2
SMCO	Snowmass	136.89	37	ePKPdf	PKPdf	23 32 48.9 +0.9
SMCO	Snowmass	136.89	37	eSKPbc	SKPbc	23 36 19.3 -2.3
M25A	Palm-Egli Farm	136.98	32	PKIKP	PKPdf	23 32 47.4 -0.3
214A	Organ Pipe Nat	136.99	49	PKIKP	PKPdf	23 32 47.3 -0.5
L26A	Underwood Farm	137.05	31	PKIKP	PKPdf	23 32 47.3 -0.4
MVCO	Mesa Verde	137.18	40	PKIKP	PKPdf	23 32 48.1 -0.2
MVCO	Mesa Verde	137.18	40	ePKPdf	PKPdf	23 32 49.6 +1.2
ISCO	Idaho Springs	137.27	35	PKIKP	PKPdf	23 32 47.6 -0.9
ISCO	Idaho Springs	137.27	35	ePKPdf	PKPdf	23 32 49.6 +1.1
I30A	Oacoma	137.31	26	PKIKP	PKPdf	23 32 47.5 -0.6
J29A	Okreek	137.32	27	PKIKP	PKPdf	23 32 46.8 -1.3
K28A	Ten Mile Ranch	137.38	28	PKIKP	PKPdf	23 32 46.6 -1.8
M26A	McRoberts Ranc	137.43	31	PKIKP	PKPdf	23 32 47.9 -0.6
I31A	Royce, Wessing	137.60	25	PKIKP	PKPdf	23 32 48.1 -0.5
J30A	Dallas	137.75	26	PKIKP	PKPdf	23 32 47.8 -1.2
M27A	Reverse DX Ran	137.77	30	PKIKP	PKPdf	23 32 48.8 -0.3
K29A	Lazy Trails An	137.83	28	PKIKP	PKPdf	23 32 47.9 -1.2
S22A	4UR Ranch, Cre	137.90	38	ePKPdf	PKPdf	23 32 51.6 +1.9
Q24A	Divide	138.10	35	PKIKP	PKPdf	23 32 48.9 -1.1
H34A	Spellman Lake,	138.15	22	PKIKP	PKPdf	23 32 49.3 -0.3
H30A	Basset	138.22	27	PKIKP	PKPdf	23 32 49.3 -0.5
N27A	Anderson Farm,	138.23	31	PKIKP	PKPdf	23 32 49.8 -0.2
TUC	Tucson	138.42	48	ePKPpre	PKPpre	23 32 45.9
M28A	Bar X Bar Ranc	138.38	30	PKIKP	PKPdf	23 32 49.6 -0.6
OGNE	Ogallala	138.38	31	PKIKP	PKPdf	23 32 50.1 -0.1
ECSD	EROS Data Cent	138.62	23	PKIKP	PKPdf	23 32 50.7 +0.2
ECSD	EROS Data Cent	138.62	23	ePKPdf	PKPdf	23 32 48.8 -1.7
ECSD	EROS Data Cent	138.62	23	ePKPdf	PKPdf	23 35 39.5 -1.1
P26A	Davis Ranch, A	138.69	33	PKIKP	PKPdf	23 32 51.2 +0.3
SDCO	Great Sand Dun	138.70	37	ePKPdf	PKPdf	23 32 52.5 +1.3
O27A	Beecher Island	138.71	32	PKIKP	PKPdf	23 32 50.9 0.0
L30A	Spencer Herefo	138.74	28	PKIKP	PKPdf	23 32 51.1 +0.3
N28A	Pribbeno Ranch	138.82	31	PKIKP	PKPdf	23 32 51.4 +0.4
COWI	Cowover	138.93	15	ePKPdf	PKPdf	23 32 51.7 +0.7
Q26A	Hugo	139.05	34	PKIKP	PKPdf	23 32 51.3 -0.3
P27A	Ficken Ranch,	139.11	33	PKIKP	PKPdf	23 32 51.6 0.0
U73B	San Pedro	139.50	185	PFake LR		23 33 10.0 +1.8
R26A	Arlington	139.52	35	PKIKP	PKPdf	23 32 52.2 -0.3
P28A	Saint Francis	139.54	32	PKIKP	PKPdf	23 32 52.2 -0.2
M31A	Lambrecht Ranc	139.56	28	PKIKP	PKPdf	23 32 51.9 -0.4
O29A	4D Ranch, Culb	139.62	30	PKIKP	PKPdf	23 32 52.3 -0.1
T25A	Trinidad	139.75	37	PKIKP	PKPdf	23 32 53.0 -0.1
T25A	Trinidad	139.75	37	ePKPdf	PKPdf	23 32 54.5 +1.5
ANMO	Albuquerque	139.87	41	ePKPpre	PKPpre	23 32 48.9
ANMO	Albuquerque	139.87	41	eSKPbc	SKPbc	23 36 28.1 +0.5
BGNE	Belgrade	139.88	27	PKIKP	PKPdf	23 32 52.5 -0.4
BGNE	Belgrade	139.88	27	ePKPdf	PKPdf	23 32 48.8
R27A	Taylor	139.90	34	PKIKP	PKPdf	23 32 53.2 +0.1
M33A	Taylor Creek F	140.17	26	PKIKP	PKPdf	23 32 53.6 +0.2
L34A	Loevendesen Farm,	140.19	25	PKIKP	PKPdf	23 32 53.5 +0.1
T26A						

Table with columns: LPK, Lapseki, 3.66 62 eP, Pn, 00 08 33.7 -0.6, etc. Includes stations like Lapseki, Plodiv, Puka, etc.

GUC 03 00:15:37.2+0.6, 34.865+72.69W, h33km, 4km, ML3.8, 2C, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Hualae, Talca, Los Niches, etc.

AUST 03 00:55:20.6-0.1, 23.333+179.10W, h532km, Error ellipse: s-maj=3.5km, s-min=1.7km, az=248.0

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

Table with columns: URZ, Urewera, 14.53 189 P, P, 00 58 32.0+0.1, etc. Includes stations like Urewera, Armidale, Eidsvold, etc.

ISCJB 03 01:25:29.0-0.6, 18.84S, 0:08:17.5:98W, 0:09, h26km, mb4.1/16, Error ellipse: s-maj=12.4km, s-min=11.2km

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

ISC 03 01:00:27.1-0.6, 18.95S, 0:09:17.5:90W, 0:10, h269km, n53, r192:57, mb4.2/16, 8C-1D, Tonga Islands

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

Table with columns: KDU, Kakadu, 49.92 269 P, P, 01 08 53.2 -1.0, etc. Includes stations like Kakadu, MTN, WRKA, etc.

DJA 03 01:10:32.8+0.7, 3'S, 11°13'9"E, h10km, M3.7/4, MLV3.74

ISC 03 01:10:32.4+1.6, 2.15S, 139.02E, h0km, mb3.3/2, m1 3.7/3, mb1mx3.4/19, mbtmp3.5/3, ML3.9/1, Error ellipse: s-maj=31.2km, s-min=15.9km, az=9.0

ISCJB 03 01:10:35.0+0.7, 2.1S, 0:1:13.9:94E, 0:05, h37km, mb3.4/2, Error ellipse: s-maj=18.5km, s-min=5.8km, az=17.6

ISC 03 01:10:36.8+1.1, 2.1S, 0:2:138.96E, 0:07, h37km, n8, r155/11, Irian Jaya

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

ISCJB 03 01:26:57.0-0.6, 36.49N, 0:06:68.35E, 0:05, h24km, mb3.7/7, MS3.9/3, Error ellipse: s-maj=8.5km, s-min=5.4km, az=158.4

ISC 03 01:26:59.4+1.4, 36.18N, 68.55E, h33km, 7km, mb3.6/8, m1 3.7/13, mb1mx3.4/49, mbtmp3.8/13, ML3.6/5, MS3.0/3, M1 3.0/3, ms1mx2.5/46, Error ellipse: s-maj=27.0km, s-min=15.0km, az=150.0

NNC 03 01:27:02.5+1.7, 36.50N, 68.46E, h103km, 18km, mb3.6, mpv4.0, Error ellipse: s-maj=14.7km, s-min=11.5km, az=166.0

ISC 03 01:26:59.3-0.8, 36.38N, 0:07:68.44E, 0:06, h24km, n42, r192:47, mb3.6/7, MS2.3/3, 5C-10D, Hindu Kush region

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

3d 1h

2010 AUG

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like OBN, STKA, AKASG, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PSZ, OJC, PKSM, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KHC, FBE, CLL, etc.

3d 2h

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DDA 03 01:55:44.4, AKCD, etc.

Station coordinates and identifiers: IDC 03 01:56:08.8, 0.5, 5.48N, 95.68E, h0km, mb3.4/2/25, mb1.4/3/27, mb1mx4.2/49, mbtmp4.1/27, ML3.7/1, MS3.8/4, Ms1.3/9.4, ms1mx3.3/35, Error ellipse: s-maj=16.7km s-min=10.8km az=56.0

Station coordinates and identifiers: BUJ 03 01:56:12.0, 5.54N, 96.60E, h7km, mb4.7/23, mb4.7/12, Ms4.6/15, Ms7.4/3/14

Station coordinates and identifiers: NEIC 03 01:56:14.4, 0.9, 5.46N, 95.77E, h40km, mb4.7/11, Error ellipse: s-maj=9.7km s-min=5.3km az=63.0

Station coordinates and identifiers: NEIC Felt [I] at Banda Aceh. Also felt at Sigli.

Station coordinates and identifiers: DIA 03 01:56:15.4, 0.4, 6.1N, 2.9, 6.1E, h54km, mb6km, M5.2/19, mb5.7/12, mb4.8/19, ML5.4/13, Mw(mb)5.3/12

Station coordinates and identifiers: AUST 03 01:56:19.6, 4.39N, 95.95E, h60km

Station coordinates and identifiers: KLM 03 01:56:22.6, 5.28N, 96.56E, h10km, mb4.8, ML4.8, MS6.1

Station coordinates and identifiers: ISC 03 01:56:15.4, 0.6, 5.72N, 0.03, 95.94E, 0.03, h27km, 3km, h26km, p-P, n156, az=114/136, mb4.2/37, 2-20D, Northern Sumatra

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LHMI, KCSI, PKDT, etc.

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Main station list table with columns: QIZ, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Qiongzhong, RCL, SPS, etc.

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Table with columns: VRI, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Vriostina, PLO, etc.

Station coordinates and identifiers: ISCJB 03 01:58:35.8, 1.1, 6.7S, 0.1, 156.0E, 0.1, h173km, mb3.8/6, Error ellipse: s-maj=20.9km s-min=14.6km az=158.4

Station coordinates and identifiers: IDC 03 01:58:40.3, 5.9, 6.75S, 155.91E, h199km, 56km, mb3.7/6, s-maj=3.7/9, mb1mx3.5/36, mbtmp4.2/9, Error ellipse: s-maj=30.7km s-min=22.2km az=73.0

Station coordinates and identifiers: AUST 03 01:58:53.7, 6.41S, 156.20E, h450km

Station coordinates and identifiers: ISC 03 01:58:37.6, 1.3, 6.7S, 0.1, 156.0E, 0.2, h173km, n15, az=84/15, mb3.9/6, Bougainville - Solomon Islands region

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

Station coordinates and identifiers: IDC 03 02:05:52.4, 3.5, 6.04S, 150.00E, h0km, mb3.7/2, mb1.4/1/3, mb1mx3.6/25, mbtmp3.9/3, ML2.3/1, Error ellipse: s-maj=137.2km s-min=39.7km az=117.0, New Britain region

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

Station coordinates and identifiers: GUC 03 02:28:16.8, 0.6, 36.20S, 73.74W, h29km, 4km, ML4.4, IC-2D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like COCH, U14B, LNCH, etc.

Station coordinates and identifiers: ISCJB 03 02:43:46.2, 0.5, 11.20N, 0.03, 61.90W, 0.03, h35km, Error

MVL	Millersville	59.91 355	eP	P	05 39 20.7 +0.6
MCWV	Mont Chateau	59.96 352	eP	P	05 39 21.4 +0.9
V38A	Canehill	59.96 338	P	P	05 39 20.2 -0.4
Y33A	Hilltop Ranch,	59.98 333	P	P	05 39 20.5 -0.3
W36A	Wetumka	59.99 336	P	P	05 39 19.8 -1.0
SIUC	Southern Illin	60.02 343	eP	P	05 39 20.6 -0.3
Z31A	Sharp Cattle R	60.06 331	P	P	05 39 21.2 -0.1
X34A	Smith Ranch, M	60.16 334	P	P	05 39 22.0 -0.1
Z28A	UT Block 9, Go	60.21 329	P	P	05 39 21.7 -0.7
V37A	Hulbert	60.25 337	P	P	05 39 22.2 -0.4
W35A	Tecumseh	60.26 335	P	P	05 39 21.7 -0.9
129A	Stewart Farms,	60.28 330	P	P	05 39 22.6 -0.3
Y32A	R-V Farms, Ver	60.33 332	P	P	05 39 22.6 -0.6
X33A	Lawton	60.39 334	P	P	05 39 22.7 -0.8
LUPA	Lehigh Univer	60.43 356	eP	P	05 39 26.6 +2.9
V36A	Jenks	60.46 336	P	P	05 39 23.5 -0.5
U38A	Gravette	60.47 338	P	P	05 39 23.5 -0.6
Z30A	Sanderson Ranch	60.48 331	P	P	05 39 23.8 -0.4
TUL1	Tulsa	60.51 337	eP	P	05 39 24.0 -0.4
TUL1	Tulsa	60.51 337	eP	P	05 39 24.0 +0.1
128A	Castleberry Fa	60.57 329	P	P	05 39 24.3 -0.6
Y31A	Rekieta Farm,	60.66 332	P	P	05 39 25.3 -0.1
WMOK	Wichita Mounta	60.68 333	eP	P	05 39 25.0 -0.5
SSPA	Standing Stone	60.69 354	eP	P	05 39 26.4 +1.0
W34A	Bridge Creek,	60.69 335	P	P	05 39 25.4 -0.2
U37A	Salina	60.70 337	P	P	05 39 25.3 -0.4
BLO	Bloomington	60.71 346	eP	P	05 39 24.9 -0.7
Z29A	Hungry Hill Ra	60.73 330	P	P	05 39 25.1 -0.8
V35A	Meyer Ranch, C	60.78 336	P	P	05 39 25.7 -0.5
Y30A	Stafford Catti	60.87 331	P	P	05 39 26.5 -0.4
W33A	Caddo, Fort Co	60.90 334	P	P	05 39 27.2 +0.2
U36A	Oologah	60.92 337	P	P	05 39 26.8 -0.2
ACSO	Alum Creek Sta	61.01 349	eP	P	05 39 27.4 -0.2
Z28A	Tucker Farm, M	61.07 330	P	P	05 39 27.9 -0.5
X31A	McDonald Ranch	61.10 332	P	P	05 39 27.8 -0.6
V34A	Guthrie	61.11 335	P	P	05 39 27.8 -0.6
V34A	Guthrie	61.11 335	eP	P	05 39 28.1 -0.3
W32A	Sentinel	61.20 333	P	P	05 39 28.6 -0.5
Y29A	Porterfield Fa	61.21 331	P	P	05 39 28.7 -0.6
T37A	Cheneyville 18	61.27 338	P	P	05 39 29.3 -0.2
U35A	Pawnee	61.27 336	P	P	05 39 29.1 -0.4
X30A	Coker Ranch, T	61.34 332	P	P	05 39 29.5 -0.5
V33A	Lossen Ranch,	61.41 334	P	P	05 39 29.9 -0.5
KSPA	Keystone Colle	61.41 356	eP	P	05 39 31.3 +1.0
Y28A	McKinney Farm,	61.52 330	P	P	05 39 31.0 -0.4
T26A	Boggs Farm, Ca	61.56 337	P	P	05 39 31.1 -0.4
BRYW	Bryant College	61.59 359	eP	P	05 39 32.5 +1.0
V32A	Arapaho	61.63 334	P	P	05 39 32.0 0.0
U34A	Anderson Ranch	61.64 335	P	P	05 39 31.6 -0.4
U34A	Anderson Ranch	61.64 335	eP	P	05 39 32.2 +0.2
T35A	Sooner Cattle	61.67 337	P	P	05 39 31.7 -0.5
X29A	Tulsa	61.71 331	P	P	05 39 32.0 -0.6
S37A	Fort Scott	61.81 338	P	P	05 39 32.5 -0.6
W30A	Crocket Farms	61.82 332	P	P	05 39 32.8 -0.5
U33A	Lingo Farm, Me	61.87 335	P	P	05 39 32.5 -1.0
SFIN	Scholer Farm	62.00 346	P	P	05 39 32.4 -1.9
SFIN	Scholer Farm	62.00 346	eP	P	05 39 32.8 -1.5
X28A	Dimmitt	62.00 331	P	P	05 39 34.1 -0.5
V31A	Spring Creek L	62.01 333	P	P	05 39 34.6 0.0
T34A	McClaskey Farm	62.02 336	P	P	05 39 33.9 -0.6
S36A	Lake Cedric, C	62.05 338	P	P	05 39 34.2 -0.5
U32A	Winter Ranch,	62.18 334	P	P	05 39 35.3 -0.3
HRV	Adam Dziewonsk	62.18 359	eP	P	05 39 36.3 +0.8
V31A	Neumayer-Stat	62.22 161	P	P	05 39 35.9 +0.5
W29A	Amrillo	62.25 331	P	P	05 39 35.4 -0.8
S35A	Otter Creek Ra	62.27 337	P	P	05 39 35.9 -0.4
R37A	Teagarden Farm	62.31 339	P	P	05 39 36.0 -0.5
TRY	Troy	62.46 357	eP	P	05 39 38.6 +1.3
T33A	Patterson Ranc	62.48 335	P	P	05 39 37.5 -0.2
U31A	Nine Bar Ranch	62.52 334	P	P	05 39 38.0 0.0
R36A	Gordon, Harris	62.55 338	P	P	05 39 37.5 -0.6
S34A	Willow Spring	62.59 336	P	P	05 39 37.8 -0.5
VNA2	Neumayer-Watz	62.59 161	P	P	05 39 37.7 -0.2
W28A	Vega	62.61 331	P	P	05 39 38.3 -0.3
Q37A	Longview Farm,	62.69 339	P	P	05 39 38.1 -0.8
HDIL	Hopedale	62.70 344	P	P	05 39 37.4 -1.6
HDIL	Hopedale	62.70 344	eP	P	05 39 38.1 -0.9
MMNY	Mt. Morris Dam	62.77 354	eP	P	05 39 40.0 +0.7
R35A	Emporia Munic	62.80 337	P	P	05 39 39.4 -0.4
V29A	Stinnett	62.82 332	P	P	05 39 39.3 -0.7
S33A	Kaszmal Farm,	62.83 336	P	P	05 39 39.6 -0.4
T32A	Huddler Ranch,	62.84 335	P	P	05 39 39.6 -0.4
U30A	WK&E Inc. Balk	63.00 333	P	P	05 39 40.4 -0.8
V28A	Channing	63.03 331	P	P	05 39 41.4 -0.1
Q36A	Arnold C. Orve	63.11 338	P	P	05 39 40.9 -0.8

ACCN	Adirondack Com	63.12 357	eP	P	05 39 42.9 +1.2
FFD	Franklin Falls	63.14 359	eP	P	05 39 41.9 +0.1
R34A	Isabella, Hill	63.16 337	P	P	05 39 42.0 -0.1
U29A	Oasis Ranch, S	63.20 333	P	P	05 39 42.0 -0.5
121A	Cookes Peak, D	63.21 325	P	P	05 39 42.5 -0.3
121A	Cookes Peak, D	63.21 325	eP	P	05 39 43.2 +0.4
Q35A	Verde Eighty,	63.22 338	P	P	05 39 41.8 -0.7
S32A	Newby Ranch,	63.29 335	P	P	05 39 43.0 -0.1
V27A	Dan Oppiter Fa	63.31 331	P	P	05 39 43.5 +0.1
T30A	Plains	63.39 333	P	P	05 39 43.6 -0.1
HNN	Hanover	63.39 359	eP	P	05 39 45.0 +1.6
S31A	Mullinville	63.44 335	P	P	05 39 44.1 0.0
R33A	Olander Ranch,	63.45 336	P	P	05 39 43.5 -0.5
Q34A	Chapman	63.60 337	P	P	05 39 44.5 -0.5
P36A	Good Intent, A	63.61 339	P	P	05 39 44.4 -0.7
KSU1	Kansas State U	63.64 338	P	P	05 39 44.5 -0.7
MDV	Middlebury	63.71 358	eP	P	05 39 46.5 +0.9
NCB	Newcomb	63.73 357	eP	P	05 39 46.6 +0.9
T29A	Hugoton	63.80 333	P	P	05 39 46.1 -0.4
P35A	Duane Minner,	63.81 338	P	P	05 39 45.7 -0.7
R32A	Long Quarter,	63.83 336	P	P	05 39 46.3 -0.3
BNN	Barren Site	63.86 327	eP	P	05 39 48.1 +1.0
S30A	Montezuma	63.86 334	P	P	05 39 46.7 -0.1
U27A	Thompson Grove	63.86 331	P	P	05 39 46.8 -0.1
LBNH	Lisbon	63.92 359	eP	P	05 39 48.4 +1.4
LBNH	Los Pinos Moun	63.99 327	eP	pP	05 39 59.7 +1.5
LPM	Bolckow	63.99 339	eP	P	05 39 40.0 +1.1
O36A	Connelly Farm,	63.99 337	P	P	05 39 46.6 -0.9
Q33A	Connelly Farm,	63.99 337	P	P	05 39 47.1 -0.5
R31A	Burdett	64.03 335	P	P	05 39 47.9 -0.1
P34A	Walnut Farm, R	64.11 338	P	P	05 39 48.0 -0.4
S29A	Sanae	64.12 333	P	P	05 39 48.6 +0.1
T28A	Walsh	64.21 332	P	P	05 39 49.1 +0.4
SNA4	Sanae	64.21 161	eP	P	05 39 48.6 -0.2
SNA4	Sanae	64.21 161	eP	P	05 39 48.3 -0.4
Q32A	Meitler Ranch,	64.26 336	P	P	05 39 48.9 -0.5
LAZ	Ladron	64.32 327	eP	P	05 39 50.9 +0.8
P33A	Williams Farm,	64.33 337	eP	P	05 39 49.4 -0.4
R30A	Dighton	64.33 334	P	P	05 39 49.8 -0.1
T27A	Campo	64.34 332	P	P	05 39 49.9 -0.2
LONY	Lake Ozona	64.39 357	eP	P	05 39 51.0 +0.9
ANMO	Albuquerque	64.40 328	eP	P	05 39 50.6 0.0
S28A	Manter	64.42 333	P	P	05 39 51.4 +0.8
O35A	Humboldt	64.43 339	P	P	05 39 50.6 +0.2
EMMW	East Machias	64.44 2	eP	P	05 39 51.3 +1.0
CBKS	Cedar Bluff	64.57 335	P	P	05 39 51.4 0.0
CBKS	Cedar Bluff	64.57 335	eP	P	05 39 51.4 0.0
Q31A	Ellis	64.60 335	P	P	05 39 51.7 +0.1
O34A	Beatrice	64.63 338	P	P	05 39 51.1 -0.6
TUC	Tucson	64.70 323	eP	P	05 39 53.6 +1.1
R29A	Marienthal	64.81 334	P	P	05 39 53.0 0.0
T26A	Comanche Natio	64.83 331	P	P	05 39 53.5 +0.2
P32A	Huiling Farm,	64.83 336	P	P	05 39 52.7 -0.4
O33A	Hebron	64.85 337	P	P	05 39 52.7 -0.5
N35A	Tabor	64.87 339	P	P	05 39 52.5 -0.8
Q30A	Quinter	64.90 335	P	P	05 39 53.6 0.0
R28A	Tribune	65.02 333	P	P	05 39 54.1 -0.3
P31A	Stockton	65.04 336	P	P	05 39 54.2 -0.3
Q29A	Oakley	65.14 334	P	P	05 39 55.2 0.0
N34A	Lincoln	65.14 339	P	P	05 39 54.3 -0.7
JFWS	Jewell Farm	65.16 344	eP	P	05 39 54.8 -0.3
T25A	Trinidad	65.17 331	P	P	05 39 56.0 +0.4
T25A	Trinidad	65.17 331	eP	P	05 39 56.4 +0.8
O32A	Brockman Farm,	65.27 337	P	P	05 39 55.4 -0.5
N33A	J Bar K, Exete	65.39 338	P	P	05 39 56.4 -0.2
R27A	Eads	65.39 332	P	P	05 39 56.9 0.0
P30A	Selden	65.40 335	P	P	05 39 57.0 +0.2
214A	Organ Pipe Nat	65.62 321	P	P	05 39 59.5 +1.1
214A	Organ Pipe Nat	65.62 321	eP	P	05 39 59.1 +0.7
Q28A	Sharon Springs	65.63 334	P	P	05 39 58.6 +0.2
R26A	Arlington	65.69 332	P	P	05 39 59.0 +0.1
P29A	Atwood	65.72 335	P	P	05 39 58.9 0.0
O30A	MW Ranch, Wils	65.87 336	P	P	05 39 59.8 -0.1
M33A	Taylor Creek F	66.03 338	P	P	05 40 00.7 -0.1
Q29A	4D Ranch, Culb	66.11 335	P	P	05 40 01.7 +0.3
SDCO	Great Sand Dun	66.17 330	P	P	05 40 02.8 +0.6
SDCO	Great Sand Dun	66.17 330	eP	P	05 40 02.8 +0.6
BGNE	Belgrade	66.22 338	eP	P	05 40 02.3 +0.2
BGNE	Belgrade	66.22 338	eP	P	05 40 02.5 +0.4
Q26A	Hugoton	66.24 332	P	P	05 40 02.5 +0.1
K35A	Storm Lake	66.41 340	P	P	05 40 03.8 +0.5
M31A	Lambrecht Ranc	66.47 337	P	P	05 40 03.8 -0.2
O28A	Krutsinger Ran	66.51 334	P	P	05 40 04.6 +0.8
N29A	Votaw Ranch, W	66.64 336	P	P	05 40 05.1 +0.3
S22A	4UR Ranch, Cre	66.80 329	eP	pP	05 40 07.2 +1.0
S22A	4UR Ranch, Cre	66.80 329	eP	pP	05 40 17.8 +0.3
O27A	Beecher Island	66.85 334	P	P	05 40 07.0 +0.8
N28A	Pribbeno Ranch	66.89 335	P	P	05 40 06.9 +0.5

M30A	Dale-Ortello V	66.97 336	P	P	05 40 06.9 0.0
J35A	Milford	66.99 341	P	P	05 40 07.0 +0.2
Q24A	Divide	67.00 331	P	P	05 40 07.8 +0.4
L31A	Butterfield Fa	67.14 338	P	P	05 40 08.0 +0.1
J34A	George	67.15 340	P	P	05 40 07.7 -0.2
MVCO	Mesa Verde	67.20 328	P	P	05 40 09.2 +0.5
MVCO	Mesa Verde	67.20 328	eP	P	05 40 09.7 +1.0
M29A	Burnside Ranch	67.20 336	P	P	05 40 08.7 +0.4
L30A	Spencer Herefo	67.27 337	P	P	05 40 09.3 +0.6
OGNE	Ogallala	67.31 335	P	P	05 40 09.8 +0.7
WUAZ	Wupatki	67.41 325	P	P	05 40 11.4 +1.4
WUAZ	Wupatki	67.41 325	eP	P	05 40 10.2 +0.3
WUAZ	Wupatki	67.41 325	eP	pP	05 40 18.9 -2.4
M28A	Bar X Bar Ranc	67.42 335	eP	P	05 40 10.4 +0.6
J33A	Davis	67.51 339	P	P	05 40 09.8 -0.3
GLA	Glamis	67.60 321	P	P	05 40 11.9 +0.8
L29A	Maesberg				

MSU Marysvale	70.07 326 eP	P	05 40 28.0 +1.5
H28A Mission Ridge	70.10 337 P	P	05 40 26.4 +0.1
BFSOC Mount Baldy Ra	70.12 320 P	P	05 40 27.2 +0.4
G29A Hoven	70.16 338 P	P	05 40 26.4 -0.3
TMUT Trail Mountain	70.16 327 eP	P	05 40 27.7 +0.5
EYMN Ely	70.18 345 P	P	05 40 25.5 -1.2
EYMN Ely	70.18 345 P	P	05 40 26.0 -0.7
QSPA South Pole Qui	70.20 180 eP	P	05 40 27.0 +0.1
SHPR Sheep Range	70.23 323 eP	P	05 40 29.0 +1.6
I26A New Underwood	70.24 336 P	P	05 40 28.0 +0.7
K23A Bowen Ranch, D	70.30 333 P	P	05 40 27.9 +0.2
GSC Goldstone	70.34 321 P	P	05 40 29.0 +0.9
GSC Goldstone	70.34 321 eP	P	05 40 29.7 +1.6
MWC Mount Wilson	70.35 320 eP	P	05 40 30.1 +1.7
J24A Dixon Ranch, L	70.37 334 P	P	05 40 29.1 +1.0
G28A Parade	70.41 338 P	P	05 40 28.8 +0.6
F30A Leola	70.42 339 P	P	05 40 28.8 +0.6
SHOC Shoshone	70.44 322 P	P	05 40 29.7 +1.1
H27A Howes	70.45 337 P	P	05 40 28.4 -0.1
K22A Casper	70.60 333 P	P	05 40 30.3 +0.7
K22A Casper	70.60 333 eP	P	05 40 30.1 +0.5
F29A Eureka	70.69 339 P	P	05 40 30.0 +0.1
H26A Fairport	70.70 336 P	P	05 40 30.2 +0.1
EDW2 Edwards Air Fo	70.75 320 P	P	05 40 31.3 +0.7
RSSD Black Hills	70.78 335 eP	P	05 40 31.6 +0.9
I24A Kuemmerle Ranch	70.79 335 P	P	05 40 31.3 +0.6
MPU Maple Canyon	70.92 328 eP	P	05 40 32.7 +1.0
E30A Jud	70.97 340 P	P	05 40 31.9 +0.3
H25A Fruitdale	71.02 336 P	P	05 40 32.2 +0.2
F28A McLaughlin	71.04 338 P	P	05 40 32.0 -0.1
G27A Dupree	71.04 337 P	P	05 40 32.1 0.0
NLU North Lily Min	71.10 327 eP	P	05 40 34.3 +1.6
TPNV Topopah Spring	71.16 323 P	P	05 40 34.7 +1.6
TPNV Topopah Spring	71.16 323 eP	P	05 40 35.0 +1.9
FURC Furnace Creek,	71.18 322 P	P	05 40 34.6 +1.6
J22A Midwest	71.19 333 P	P	05 40 33.4 +0.2
G26A Maurine	71.21 337 P	P	05 40 32.9 -0.2
MPMC Manual Prospec	71.26 321 P	P	05 40 34.6 +0.7
G25A Newell	71.44 336 P	P	05 40 35.0 +0.5
D30A Buchanan	71.45 340 P	P	05 40 34.7 +0.2
DAC Darwin (Calif)	71.47 321 eP	P	05 40 36.6 +1.6
F27A Lemmon	71.49 337 P	P	05 40 34.9 +0.2
H24A Dirks Ranch, A	71.50 335 P	P	05 40 34.9 -0.1
ISA Isabella	71.58 320 P	P	05 40 37.1 +1.5
ISA Isabella	71.58 320 eP	P	05 40 37.5 +1.9
I22A 9 Mile Ranch,	71.59 333 P	P	05 40 35.9 +0.4
E28A Huff	71.63 339 P	P	05 40 35.9 +0.3
TCUT Toone Canyon	71.64 329 eP	P	05 40 36.1 +0.1
AGMN Agassiz Nation	71.65 342 P	P	05 40 34.9 -0.7
AGMN Agassiz Nation	71.65 342 eP	P	05 40 35.3 -0.3
DUG Dugway	71.65 327 P	P	05 40 36.7 +0.7
DUG Dugway	71.65 327 eP	P	05 40 37.5 +1.5
F26A Lodgepole	71.71 337 P	P	05 40 36.5 +0.4
R11A Troy Canyon, C	71.78 324 P	P	05 40 38.1 +1.2
R11A Troy Canyon, C	71.78 324 eP	P	05 40 38.6 +1.7
E27A Carson	71.81 338 P	P	05 40 36.8 +0.2
GRAC Grapevine Rang	71.84 322 P	P	05 40 38.1 +1.1
J20A Shoshoni	71.84 332 P	P	05 40 38.5 +1.4
I21A Big Trails, Te	71.86 333 P	P	05 40 36.9 -0.3
CWC Cottonwood Cre	71.87 321 P	P	05 40 38.7 +1.3
PKM Peak Mountain	71.88 319 P	P	05 40 38.2 +0.7
C30A Mose, Pekin	71.89 341 P	P	05 40 36.7 -0.4
G24A Alzada	71.93 336 P	P	05 40 37.6 +0.1
PDAR Pinedale Array	72.04 331 P	P	05 40 38.5 +0.1
BW06 Boulder Array	72.04 331 P	P	06 15 12.0 0.0
VES Vestal, Richgr	72.06 320 P	P	05 40 38.9 +0.5
F25A Bowman	72.07 337 P	P	05 40 38.5 +0.2
HWUT Hardware Ranch	72.09 329 eP	P	05 40 39.3 +0.6
H22A Clearmont	72.10 334 P	P	05 40 39.2 +0.6
E26A Carlson Angus	72.16 337 P	P	05 40 38.9 +0.1
J19A Crowheart	72.20 331 P	P	05 40 39.3 0.0
G23A Biddle	72.21 335 P	P	05 40 39.1 -0.1
SMMC Simmler	72.27 319 P	P	05 40 41.0 +1.4
SPUT South Promonto	72.30 328 eP	P	05 40 41.1 +0.2
BGU Big Grassy Mou	72.31 328 eP	P	05 40 41.0 +1.1
I20A Worldand	72.34 332 P	P	05 40 40.9 +1.0
F24A Ekalaka	72.38 336 P	P	05 40 40.3 +0.2
MDND Maddock	72.38 340 eP	P	05 40 40.5 +0.5
RCTC Rector, Farmer	72.47 320 P	P	05 40 41.3 +0.5
TPH Topopah	72.50 323 eP	P	05 40 42.6 +1.4
B30A Myrvik Farm, E	72.51 341 P	P	05 40 40.3 -0.5
C28A Hausauer Farms	72.52 339 P	P	05 40 41.6 +0.7
E25A Miller Ranch,	72.53 337 P	P	05 40 41.4 +0.4

TBI Tubuai	72.54 251 eLR	LR	06 03 04.0
D26A Manning	72.63 107 P	P	05 40 42.1 +0.5
F23A Volborg	72.65 335 P	P	05 40 41.8 +0.1
MLJ Malad Range	72.68 329 eP	P	05 40 43.0 +0.8
H20A Greybull	72.71 333 P	P	05 40 42.5 +0.4
AHID Auburn Hatcher	72.76 330 eP	P	05 40 43.6 +1.0
I19A Meeteetse	72.78 332 P	P	05 40 43.4 +0.6
BVU Hansel Valley	72.82 328 eP	P	05 40 44.0 +1.0
H29A Wagenman Farm,	72.84 340 P	P	05 40 42.8 +0.1
C27A Saylor Ranch,	72.89 339 P	P	05 40 43.4 +0.3
E24A Baker	72.92 336 P	P	05 40 44.0 +0.7
A30A Hoffart Farm,	72.94 341 P	P	05 40 42.9 -0.4
G10A Lodge Grass	72.97 334 P	P	05 40 43.8 +0.1
F22A Rosebud	73.03 335 P	P	05 40 43.7 -0.3
D25A Fairfield	73.05 337 P	P	05 40 45.2 +1.1
REDW Red Top Meadow	73.10 330 eP	P	05 40 45.2 +0.5
SNOW Snow King Moun	73.13 331 eP	P	05 40 46.1 +1.2
B28A Dugan Ranch, T	73.15 340 P	P	05 40 44.5 0.0
LOHW Long Hollow	73.18 331 eP	P	05 40 45.8 +0.7
C26A Wahner Farm, P	73.19 338 P	P	05 40 45.4 +0.5
A29A Manning Farm,	73.21 341 P	P	05 40 44.5 -0.4
TPAW Teton Pass,	73.24 330 eP	P	05 40 46.5 +0.9
E23A Ismay	73.25 336 P	P	05 40 45.5 +0.2
H19A Powell	73.28 332 P	P	05 40 46.0 +0.4
ELK Elko	73.31 326 eP	P	05 40 47.2 +1.2
MOOW Moose Pond	73.35 331 eP	P	05 40 47.1 +1.0
NVAR Mina Array Bea	73.36 323 P	P	05 40 47.9 +1.6
G20A Bridger	73.39 333 P	P	05 40 46.2 0.0
FXWY Fox Creek	73.39 331 eP	P	05 40 47.2 +0.8
D24A Glendive	73.39 337 P	P	05 40 46.9 +0.9
ULM Lac du Bonnet	73.42 343 P	P	05 40 45.0 -1.0
ULM Lac du Bonnet	73.42 343 eP	LR	06 14 58.4
ULM Miles City	73.45 335 P	P	05 40 45.6 -0.4
C25A Freed Ranch, W	73.50 338 P	P	05 40 47.4 +0.6
IMW Indian Meadow	73.55 331 eP	P	05 40 48.3 +0.9
FLWY Flagg Ranch	73.59 331 eP	P	05 40 48.3 +0.8
RLMT Red Lodge	73.76 333 P	P	05 40 49.2 +0.7
RLMT Red Lodge	73.76 333 eP	P	05 40 49.3 +0.7
LAO LASA Array	73.77 335 P	P	05 40 48.7 +0.4
LAO LASA Array	73.77 335 eP	P	05 40 48.0 -0.3
C24A Savage	73.78 337 P	P	05 40 48.9 +0.6
LKWY Lake	73.83 332 eP	P	05 40 51.2 +2.2
F20A Billings	73.83 334 P	P	05 40 49.3 +0.6
A27A Ledoux Ranch,	73.88 339 P	P	05 40 49.7 +0.8
E21A Keefer Ranch,	73.98 335 P	P	05 40 50.4 +0.8
WAKR Walcott Ranch	74.06 322 eP	P	05 40 52.5 +2.1
YMR Madison River	74.16 331 eP	P	05 40 52.9 +2.1
PPT2 Papeete2	74.17 257 eS	S	05 50 25.4 +2.8
PPT2 Papeete2	74.17 257 eLR	LR	06 03 49.8
CMB Columbia Colle	74.30 321 eP	P	05 40 52.8 +1.2
GCMT Greycliff	74.46 333 eP	P	05 40 53.6 +1.1
DGMT Dagmar	74.48 337 P	P	05 40 53.3 +0.9
DGMT Dagmar	74.48 337 eP	P	05 40 53.6 +1.2
QLMT Earthquake Lak	74.50 331 eP	P	05 40 54.8 +2.0
A25A Svangust Ranch	74.50 338 P	P	05 40 53.2 +0.8
SCHO Schefferville	74.58 2 P	P	05 40 53.1 +0.4
SCHO Schefferville	74.58 2 eLR	LR	06 13 37.5
SCHO Schefferville	74.58 2 eP	P	05 40 53.0 +0.2
HLID Hailey	74.95 329 P	P	05 40 56.9 +1.5
HLID Hailey	74.95 329 eP	P	05 40 56.9 +1.5
MCMT McKenzie Canyo	75.15 330 eP	P	05 40 58.0 +1.3
BOZ Bozeman (W)	75.21 332 P	P	05 40 57.3 +0.5
BOZ Bozeman (W)	75.21 332 eP	P	05 40 52.1 -4.8
DLMT Dillon	75.44 331 eP	P	05 40 59.6 +1.5
MFID Camas Ranch	75.55 328 eP	P	05 41 00.4 +1.6
LRM Limekiln Ridge	75.72 331 eP	P	05 41 01.2 +1.3
EGMT Eagleton	76.07 334 eP	P	05 41 03.1 +0.4
EGMT Eagleton	76.26 334 eP	P	05 41 03.5 +0.8
MOD Modoc	76.84 324 eP	P	05 41 07.7 +1.4
CHMT Chamberlain Mo	76.91 331 eP	P	05 41 07.5 +0.9
SBA Scott Base	77.04 191 eP	P	05 41 08.1 +1.4
SBA Scott Base	77.04 191 ePc	PcP	05 41 14.1 -3.4
MSO Missoula	77.16 331 P	P	05 41 08.8 +1.0
MSO Missoula	77.16 331 eP	P	05 41 09.4 +1.6
SLMT Seeley Lake	77.26 332 eP	P	05 41 09.8 +1.3
NO2D Trinity Center	77.52 322 P	P	05 41 10.7 +0.3
MO4 Macdoel	77.62 323 P	P	05 41 11.2 +0.7
SWMT Swat Lake	77.69 331 eP	P	05 41 12.2 +1.4
K05A Summer Lake	77.72 325 eP	P	05 41 13.0 +1.8
JTMT Jette	78.00 332 eP	P	05 41 13.6 +1.1
VNDA Vanda	78.07 190 P	P	05 41 12.7 +0.3
VNDA Vanda	78.07 190 eP	P	05 41 13.8 +1.4
F10A Beach Ranch, E	78.08 329 eP	P	05 41 14.3 +1.4
J05D Fort Rock, OR	78.28 325 P	P	05 41 15.2 +0.9
TOBS Torodi Arr. Sit	78.30 71 eP	P	05 41 14.0 -0.7
TOAD Basson Peak	78.30 331 eP	P	05 41 15.5 +1.2
TOAD Torodi Arr. Sit	78.31 71 eP	P	05 41 13.6 -1.1
TORD Torodi Arr. Bea	78.31 71 P	P	05 41 13.9 -0.9
TORD Torodi Arr. Bea	78.31 71 eP	LR	06 14 59.2
G08A Pilot Rock	78.46 327 eP	P	05 41 16.4 +1.3
J04D Umpqua Nationa	78.73 324 P	P	05 41 17.7 +0.9
WALA Wateron Lakes	78.82 333 eP	P	05 41 18.1 +1.0
L02D Cave Junction,	78.86 323 P	P	05 41 18.3 +1.0

baz=79			
E09A Wood Farm, Sta	78.91 329 eP	P	05 41 18.5 +1.1
I05D Terrebonne, OR	79.05 326 P	P	05 41 19.3 +1.0
FFC Flin Flon	79.11 342 eP	P	05 41 18.4 +0.1
I04A Tendick Farm,	79.28 325 P	P	05 41 19.5 0.0
G06A Carlson Farm,	79.28 327 eP	P	05 41 21.4 +1.9
G05D Wamic, OR	79.64 326 P	P	05 41 21.8 +0.3
D08A Wollman Farm,	79.67 329 eP	P	05 41 23.0 +1.5
NEW Newport	79.67 330 P	P	05 41 21.9 +0.3
NEW Newport	79.67 330 eP	P	05 41 22.1 +0.5
I03D Naches, OR	79.71 324 P	P	05 41 22.3 +0.5
H04A Detroit Lake	79.73 325 eP	P	05 41 22.8 +0.8
OD2 Odessa Site #2	79.80 329 P	P	05 41 23.7 +1.4
C09A Chrisman Ranch	79.88 330 P	P	05 41 24.2 +1.5
NAC Naches	80.40 326 P	P	05 41 27.2 +1.6
TBM Table Mountain	80.58 328 P	P	05 41 28.1 +1.6
WTV Waterville	80.62 329 P	P	05 41 28.0 +1.2
LTY Liberty	80.67 328 eP	P	05 41 28.2 +1.2
F04A Amboy	80.68 326 eP	P	05 41 28.2 +1.2
LVP Lakeview Peak	80.76 326 P	P	05 41 28.7 +1.2
LOH Lon	80.91 327 eP	P	05 41 29.0 +0.7
D05A Enumclaw	81.29 327 eP	P	05 41 31.3 +1.1
BMW Boisfort Moun	81.46 326 P	P	05 41 32.5 +1.3
E03A Lebam	81.68 326 eP	P	05 41 33.8 +1.6
EDM Edmonton	81.75 336 eP	P	05 41 32.1 -0.5
EDM Edmonton	81.90 329 P	P	05 41 33.9 +0.3
B06A Marblemont	81.93 329 eP	P	05 41 34.2 +0.6
TSUM Tsuamei	81.95 107 eP	P	05 41 35.1 +0.5
PVQA Viqueiros	82.15 46 eLR	LR	06 11 09.3
NLWA Neilton Lookou	82.39 327 eP	P	05 41 38.0 +1.9
PCAS Casimio, Conde	83.47 43 eP	P	05 41 38.4 -1.3
PMRV Marv7?o	83.45 44 eLR	LR	06 10 03.6
MTE Manteigas	83.87 43 eP	P	05 41 44.3 +0.4
MTE Manteigas	83.87 43 eLR	LR	06 13 42.6
PGAV Gaviira, Arco	84.26 42 eLR	LR	06 14 14.1
MVO Moncorvo	84.61 43 eP	P	05 41 48.3 +0.6
MVO Moncorvo	84.61 43 eLR	LR	06 14 24.5
PBRG Braganca	85.13 42 eP	P	05 41 50.9 +0.6
BOSA Bosh	85.51 119 P	P	05 41 52.6 -0.1
BOSA Bosh	85.51 119 eLR	LR	06 17 21.7
TAM Tamarass	85.52 64 eP	P	05 41 53.2 +0.4
PAB San Pablo	85.52 45 eP	P	05 41 53.0 +0.7
ESDC Sonseca Array	85.84 45 eP	P	05 41 54.5 +0.6
ESDC Sonseca Array	85.84 45 eLR	LR	06 16 27.9
MAW Mawson	86.21 164 P	P	05 41 55.4 +0.2
MAW Mawson	86.21 164 eLR	LR	06 23 02.1
LBTB Lobatse	87.05 115 eP	P	05 42 00.1 -0.3
YKA Yellowknife Arr	89.26 341 P	P	05 42 09.5 -0.1
DLBC Dease Lake	92.16 333 eP	P</	

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Nanjing, Xi'an, and Chiang Mai Arr.

IGQ 03 05:32:57.0.3, 2.26S, 79.84W, h4km, 65km, Mb4.4, Error ellipse: s-maj=2.5km s-min=1.5km az=18.3

NEIC 03 05:32:57.0.2.36S, 79.85W, h31km, mb4.3/1, MD4.5(IGQ), After IGQ.

NEIC Felt at Guayaquil, ISCJBJ 03 05:32:59.1, 0.7, 2.34S, 80.05, 79.94W, 0.05, h44km, Error ellipse: s-maj=8.1km s-min=5.6km az=42.4

ISC 03 05:32:57.8.1.1.2, 3.7S, 80.05, 79.92W, 0.06, h44km, n59, r193/59, 15C-27D, Near coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations and their seismic data.

NNC 03 05:53:05.8.2.0, 38.46N, 72.77E, h133km, 15km, mb3.0, mpv3.9, 5C-8D, Error ellipse: s-maj=17.7km s-min=7.4km az=146.0, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations and their seismic data.

ISC 03 06:01:29.3.1.4, 2.44S, 121.28E, h0km, mb3.6/4, mb1 3.8/5, mb1mx3.5/3.1, mbtmp3.6/5, ML3.7/1, Error ellipse: s-maj=37.7km s-min=22.9km az=70.0

ISCJBJ 03 06:01:33.6.0.4, 2.42S, 121.21E, 0.04, h50km, 10km, mb3.6/4, Error ellipse: s-maj=6.6km s-min=3.6km az=21.2

DJA 03 06:01:34.0.0.3, 2.1S, 121.1E, h60km, 11km, M4.0/17, ML4.0/17

ISC 03 06:01:34.7.1.1, 2.42S, 121.21E, 0.05, h44km, 20km, n17, r0983/29, mb3.6/4, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations and their seismic data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations and their seismic data.

IDC 03 06:14:57.9.3.1, 30.25S, 138.44E, h0km, mb1 3.5/3, mb1mx3.4/2.3, mbtmp3.2/3, ML3.2/3, Error ellipse: s-maj=73.6km s-min=15.0km az=44.0, South Australia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations and their seismic data.

IDC 03 06:22:33.4.13.0, 1.71S, 122.57E, h0km, mb4.1/3, mb1 4.4/3, mb1mx3.7/3.2, mbtmp4.2/3, Error ellipse: s-maj=174.9km s-min=17.0, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations and their seismic data.

ISC 03 06:27:10.6, 37.23N, 28.15E, h4km, MD2.6

ISCJBJ 03 06:27:11.3.0.6, 37.24N, 0.03, 28.21E, 0.04, h0km, Error ellipse: s-maj=5.4km s-min=3.7km az=38.0

CSEM 03 06:27:11.5.0.2, 37.23N, 28.20E, h1km, MD2.6, Error ellipse: s-maj=6.1km s-min=4.2km az=42.0, Mining explosion.

DDA 03 06:27:11.3, 37.21N, 28.23E, h7km, MD2.6

ISC 03 06:27:11.6.1.0, 37.24N, 0.03, 28.18E, 0.03, h0km, n16, r053/28, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations and their seismic data.

IDC 03 06:27:21.2.1.2, 2.48S, 121.31E, h0km, mb3.9/6, mb1 4.2/7, mb1mx3.8/2.9, mbtmp4.0/7, ML4.1/1, MS3.6/3, Ms1 3.6/3, ms1mx3.0/2.5, Error ellipse: s-maj=32.7km s-min=17.5km az=55.0

DJA 03 06:27:24.8.0.6, 2.1S, 121.1E, h11km, 4km, M4.6/22, mb4.8/3, mb4.9/1, MLV4.5/22, Mw(mB)5.2/1

ISCJBJ 03 06:27:26.5.0.3, 2.47S, 121.25E, 0.03, h53km, mb4.0/8, MS3.6/3, Error ellipse: s-maj=3.9km s-min=3.2km az=11.7

NEIC 03 06:27:26.0.7, 2.55S, 121.22E, h38km, 9km, mb4.2/2, Error ellipse: s-maj=9.0km s-min=5.9km az=55.0

NEIC Felt [III] at Sorokasi, ISC 03 06:27:28.0.0.7, 2.47S, 121.23E, 0.04, h53km, n34, r149/47, mb4.1/8, MS3.6/3, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations and their seismic data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations and their seismic data.

ISC 03 07:08:21.5, 37.22N, 28.15E, h13km, MD2.7

ISCJBJ 03 07:08:22.3.0.6, 37.25N, 0.04, 28.19E, 0.04, h0km, Error ellipse: s-maj=6.1km s-min=3.4km az=38.9

CSEM 03 07:08:22.3.0.6, 37.26N, 28.20E, h1km, MD2.7, Error ellipse: s-maj=7.5km s-min=4.5km az=46.0, Mining explosion.

DDA 03 07:08:22.6, 37.23N, 28.21E, h7km, MD2.8

ISC 03 07:08:22.3.1.0, 37.23N, 0.03, 28.19E, 0.03, h0km, n18, r15/30, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations and their seismic data.

KLM 03 07:15:11.5, 1.11N, 98.50E, h0km, mb4.6, ML4.9

IDC 03 07:15:16.5, 1.3, 0.87N, 99.46E, h0km, mb3.8/4, mb1 3.9/5, mb1mx3.6/3.5, mbtmp3.7/5, MS3.4/1, Ms1 3.4/1, ms1mx2.6/3.9, Error ellipse: s-maj=55.4km s-min=15.7km az=60.0

ISCJBJ 03 07:15:19.9.0.9, 1.09N, 0.03, 99.57E, 0.03, h5km, 5km, mb3.7/4, MS3.4/1, Error ellipse: s-maj=5.5km s-min=3.6km az=147.2

DJA 03 07:15:22.1, 0.2, 1.1N, 101.0E, h13km, 6.2/22, mb4.8/2, mb5.7/1, MLV4.5/22, Mw(mB)5.2/1

ISC 03 07:15:18.4.1.3, 1.09N, 0.03, 99.47E, 0.03, h4km, 10km, n30, r142/41, mb3.9/4, 3C-2D, Northern Sumatera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations and their seismic data.

ISC 03 07:28:33.1, 5.0, 9.29N, 78.98W, h59km, 37km, MD4.2, 1D, Panama

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations and their seismic data.

3d 7h

Table with columns: Zang, PNME, AZU, AZU, BUS, QCR, CGA2, CGA2, JCR. Rows include station names like Penonome, Buena Vista, Quepos, Cerro Gallo 2, Jicaral.

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Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like Desfina, Kalavryta, Sagiada, Kozani, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Contains station details for various locations like Paravola, Prodomos, Evrytania, etc.

3d 8h

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Table with columns for station ID, name, frequency, power, and coordinates. Includes stations like DL2 Dalian, KSCPR CHUPUNGNYEON, and BVAR Borovoye Array.

3d 8h

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and various status indicators. Includes stations like W34A Bridge Creek, V32A R-V Farms, V35A Meyer Ranch, etc.

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Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and various status indicators. Includes stations like 633A Saathoff Ranch, 534A Blanco, 138A Blatland, etc.

GUC 03 08:20:34.0-8.37.62S:74.08W, h47km, 759km, ML4.5
IDC 03 08:20:34.0-1.9.37.70S:73.46W, h0km, mb3.7/6,
mb1 3.9/7, mb1mx3.8/21, mbtp3.6/7, ML3.0/1, MS3.5/4,
Ms1 3.5/4, ms1mx3.2/19, Error ellipse: s-maj=49.5km
s-min=32.2km az=150.0
ISC 03 08:20:34.9-2.1.37.68S:0.04:73.4W-0.1, h5km, 13km, n18,
az=89/21, mb3.7/6, MS3.4/3, C, Near coast of central Chile

Table with columns: Code, Station Name, Frequency, Power, Mode, and various status indicators. Includes stations like U14B Concepcion, U14B Tilder, U14B La Paz, etc.

CRAAG 03 08:20:40.5.35.95N:4.14E, M1.0
CSEM 03 08:20:41.6.0.3.35.92N:4.09E, h2km, ML4.0, Error
ellipse: s-maj=1.0km s-min=4.2km az=7.0
MDD 03 08:20:42.0.5.35.90N:4.11E, h0km, mb4.1/8, Error
ellipse: s-maj=11.9km s-min=3.5km az=14.0, PRXIMO
ISCJB 03 08:20:42.4.0.8.36.02N:0.07:4.03E:0.04, h14km, 7km,
Error ellipse: s-maj=11.3km s-min=4.8km az=6.4
ISC 03 08:20:41.0-1.2.35.91N:0.05:4.10E:0.02, h7km, 10km,
n78, r142/83, Northern Algeria

Table with columns: Code, Station Name, Frequency, Power, Mode, and various status indicators. Includes stations like ATAF Djebel Tarf, ATAF Djebel Tarf, ATAF Djebel Tarf, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and various status indicators. Includes stations like EBNR Beni Rached, CKFL Kef-Lekhel, CKFL Kef-Lekhel, etc.

JMA 03 08:22:20.9.35.43N:136.88E, h15km, M2.8, 1D, Western
Honshu
Code Station Name Frequency Power Mode Time Res
JAO Obara 0.35 118 0p P ISC h m s ISC
JAO JAO 08 22 27.9 +0.3
TSUJ Tsu 2 0.81 208 S S Pg 08 22 32.9 -0.2
TSUJ TSUJ 08 22 36.3 -0.4
MAT Matsushiro 1.55 44 S S Pg 08 22 48.4 +0.4
MAT MAT 08 23 09.0 +0.3

GUC 03 08:33:39.6-0.6.37.65S:73.77W, h54km, 7km, ML3.9, 1D,
Near coast of central Chile
Code Station Name Frequency Power Mode Time Res
CCSP San Pedro de C 0.96 34 eP ISC h m s ISC
CCSP CCSP 08 33 58.0 +1.0
CCSP CCSP 08 34 12.0 +2.3
MAT Matsushiro 1.55 44 S S Pg 08 34 15.4
PSCH Puerto Saavedra 1.19 165 eP S 08 34 01.3 +1.4
PSCH PSCH 08 34 17.2 +2.2
COCH Cobquecura 1.71 28 eP S 08 34 08.1 +1.1
VLCH Valdivia 1.29 169 eP S 08 34 15.2 +1.6
LNCH Linares 2.51 45 eP S 08 34 19.8 +1.9

ISCJB 03 08:39:08.2-0.6.32.22N:0.03:115.24W:0.03, h13km, 5km,
Error ellipse: s-maj=5.0km s-min=4.0km az=135.3
ECX 03 08:39:10.2.0.4.32.22N:115.30W, h6km, ML3.2, ML3.4
NEIC 03 08:39:10.2.32.22N:115.30W, h8km, ML3.2(E)CX,
ML3.3(P)AS, After ECX.
MEX 03 08:39:15.9-0.5.30.22N:115.73W, h7km, 4.3km, MD4.0
ISC 03 08:39:08.2-1.33.16N:0.02:115.30W:0.02, h5km, 11km,
n41, r106/62, 7C-1D, California-Baja California border
region

Table with columns: Code, Station Name, Frequency, Power, Mode, and various status indicators. Includes stations like RDX Rancho Dawling, RDX Rancho Dawling, RDX Rancho Dawling, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ECBCX Coahuella, COA Coahuella, YUH Yuha Desert, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, STKA Stephens Creek, TORD Torodi Ar, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MALT Malatya, KEMA Kemaliye, SVRC Sivrice-ELAZID, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BAR Barrett, BAR Barrett, BAR Pinnyon Flat Ob, etc.

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RKPI Ransiki, BAKI Biak, FAKI Fak Fak, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like AKHS Akhisar, BALB Balikesir, BALB Balikesir, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PRA Prague, PRA Prague, GOPC GO Pecny, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like AUMIH MIHALICIK, SVRH Sivrihisar-ESK, SVRH Sivrihisar-ESK, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PMST Lisbon-Monsan, PMST Lisbon-Monsan, PMAFR Mafru, etc.

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Table with columns: EVO, Sao Brissos, 1.40 91 ePn, Pn, 10 40 18.3 -1.2, comp=N,5.5nm,0.2s, PGAV Gavieira, Arco, 3.63 20 ePn, Pn, 10 40 48.3 -2.0, etc.

Table with columns: EVO, Sao Brissos, 1.40 91 ePn, Pn, 10 40 18.3 -1.2, comp=N,5.5nm,0.2s, PGAV Gavieira, Arco, 3.63 20 ePn, Pn, 10 40 48.3 -2.0, etc.

PGC 03 10:40:39.8-1.7, 70.96N:136.49W, h35km, ML2.7/1, 316km northwest of Inuvik, NT Beaufort Sea, Beaufort Sea

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, I S C, etc.

IDC 03 10:58:14.6-2.0, 37.92N:142.81E, h0km, mb3.5/3, mb1.3.6/5, mb1mx3.4/45, mbtmp3.5/5, ML3.2/2, Error ellipse: s-maj=42.4km, s-min=29.8km, az=65.0

JMA 03 10:58:21.8-0.1, 37.84N:142.30E, h42km, mb3.5/3, mb1.3.6/5, mb1mx3.4/45, mbtmp3.5/5, ML3.2/2, Error ellipse: s-maj=42.4km, s-min=29.8km, az=65.0

ISC 03 10:58:18.0-2.0, 37.76N:142.30E, h0km, mb3.5/3, mb1.3.6/5, mb1mx3.4/45, mbtmp3.5/5, ML3.2/2, Error ellipse: s-maj=42.4km, s-min=29.8km, az=65.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, I S C, etc.

Table with columns: SANI, Davao City, 5.56 325 LR, LR, 11 08 05.8, DAV, Davao City, 5.56 325 LR, LR, 11 06 23.6 -3.0, etc.

Table with columns: QIZ, S, LN, 11 14 46.5 +5.4, etc. Lists various stations and their coordinates.

Table with columns: HHC, LZ, 140nm,12.3s, etc. Lists various stations and their coordinates.

Table with columns: BRTR, P, 11 18 09.1 -1.8, etc. Lists various stations and their coordinates.

Table with columns: IDC 03 11:12:08.5, etc. Lists station information for IDC 03.

Table with columns: TRN 03 11:27:06.4, etc. Lists station information for TRN 03.

Table with columns: MEX 03 11:27:52.0, etc. Lists station information for MEX 03.

BUI 03 12:08:22.7, MOS 03 12:08:23.8, KLM 03 12:08:25.1, NEIC 03 12:08:25.9, etc. Text-based station reports.

GCMT 03 12:08:26.0, NEIC 03 12:08:26.1, NEIC 03 12:08:26.2, etc. Text-based station reports.

Table with columns: Code, Station Name, etc. Lists various stations and their coordinates.

3d 12h

Table with columns for station name, frequency, power, and status. Includes stations like SANI, LUWI, MRSI, NPSI, etc.

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Table with columns for station name, frequency, power, and status. Includes stations like PIP, SMRI, UGM, TPI, FITZ, etc.

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Table with columns for station name, frequency, power, and status. Includes stations like QIZ, QIZ, HKC, HKC, MNAI, MNAI, etc.

3d 12h

Table with columns for station code, name, frequency, and signal strength. Includes stations like KIV Kislovodsk, EKAR Karacoban, and many others.

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Table with columns for station code, name, frequency, and signal strength. Includes stations like VSR Storozhevoje, HDA Harding Lake, and many others.

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Table with columns for station code, name, frequency, and signal strength. Includes stations like CEYT Ceyhan, BEYL Beirut, and many others.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like AKBB, KIEV, BESE, BAGO, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ALN, LVV, PRK, VOIR, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like OJC, Ojcow, DID, LKR, etc.

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MCCM	LR	LR	EDI	Edinburgh	109.82	332	PFAKE	LR	12 27 00.0	comp=Z,2j,m,22.0s	BC3	Big Chuckawall	112.49	53	PKIKP	PKIKP	12 26 59.3 +0.4
HAWA	Hanford	105.50	41	PFAKE	LR	12 27 00.0	ED	Edi	comp=Z,2j,m,22.0s	IRM	Iron Mountain	112.58	52	PKIKP	PKIKP	12 26 59.3 +0.3	
WTTA	Watenberg	105.51	320U	ePdiff	Pdif	12 22 30.9 -1.3	HLID	Hailey	109.89	42	PKIKP	PKIKP	12 22 54.9 +3.1				
D08A	Wollman Farm,	105.68	40	ePdif	Pdif	12 22 34.7 +2.0	HLID	Hailey	109.89	42	ePdif	LR	12 22 54.9 +3.1				
K05A	Summer Lake	105.70	45	ePdif	Pdif	12 22 35.3 +2.1	GRAC	Grapevine Rang	109.98	50	PKIKP	PKIKP	12 26 54.6 +0.6				
K05A				ePKIKP	LR	12 26 46.1 +0.1	BORG	Borgarnes	109.99	346	PFAKE	LR	12 27 00.0				
C09A	Chrisman Ranch	105.84	39	ePdif	Pdif	12 22 35.8 +2.4	DAC	Darwin (Calif)	110.03	51	PFAKE	LR	12 27 10.0				
AQU	L'Aquila	105.84	315	PFAKE	LR	12 27 00.0	DECC	Green Verdugo	110.03	53	PKIKP	PKIKP	12 26 54.6 +0.5				
RETA	Reutte	106.00	320U	iPdiff	LR	12 22 33.7 -0.5	EDWZ	Edwards Air Fo	110.12	52	PKIKP	PKIKP	12 26 54.9 +0.6				
FETA	Feichten	106.18	320U	ePdiff	Pdif	12 22 34.5 -0.6	EKA	Eskdalemir Ar	110.15	332	PP	PP	12 27 29.9 +2.4				
G08A	Pilot Rock	106.24	42	ePdif	Pdif	12 22 37.3 +1.9	PASC	Pasadena Art C	110.17	53	PFAKE	LR	12 27 10.0				
MOD	Modoc	106.36	46	ePdif	Pdif	12 22 38.0 +1.9	MPMC	Manual Prospec	110.17	51	PKIKP	PKIKP	12 26 54.9 +0.4				
E09A	Wood Farm, Sta	106.37	40	PFAKE	LR	12 27 00.0	ESK	Eskdalemir	110.18	332	PFAKE	LR	12 27 00.0				
NEW	Newport	106.40	39	PKIKP	PKIKP	12 26 47.2 +0.3	SCI	San Clemente I	110.20	54	PKIKP	PKIKP	12 26 55.5 +1.1				
NEW	Newport	106.40	39	ePdif	Pdif	12 22 36.8 +0.8	CIS	Catalina Islan	110.20	54	PKIKP	PKIKP	12 26 55.3 +0.8				
TNS	Taunus Mtts	106.41	324	ePKPab	Pdif	12 22 36.0 0.0	FMP	Fort Macarthur	110.20	53	PKIKP	PKIKP	12 26 54.9 +0.5				
STU	Stuttgart	106.52	322	PFAKE	LR	12 27 00.0	MWC	Mount Wilson	110.25	53	ePKIKP	LR	12 26 57.1 +2.4				
EDM	Edmonton	106.62	33	ePdif	Pdif	12 22 37.2 +0.4	DLMT	Dillon	110.39	40	ePdif	Pdif	12 22 56.7 +2.8				
FUORN	Ofenpass-Fuorn	106.62	320	ePdif	Pdif	12 22 39.6 +2.4	MCMT	McKenzie Canyo	110.44	41	ePdif	Pdif	12 22 56.9 +2.6				
DVA	Damuels	106.63	320U	iPdiff	Pdif	12 22 36.4 -0.8	FURC	Furnace Creek,	110.54	50	PKIKP	PKIKP	12 26 55.5 -1.4				
WDD	Wied Dalam	106.73	308	PFAKE	LR	12 27 00.0	BWSC	Mount Baldy Ra	110.57	53	PKIKP	PKIKP	12 26 55.1 -0.1				
DAVOX	Davos/Dischmat	106.81	320	Pdif	Pdif	12 22 38.4 +0.4	CFW	Charnwood Fore	110.67	329	PFAKE	LR	12 27 10.0				
DAVOX	Davos/Dischmat	106.81	320	Pdif	Pdif	12 22 38.4 +0.4	KEST	Keasa	110.81	309	PP	PP	12 27 34.9 +1.6				
DAVOX	Davos/Dischmat	106.81	320	Pdif	Pdif	12 22 38.4 +0.4	KEST	Keasa	110.81	309	PP	PP	12 27 34.9 +1.6				
SAO	San Andreas Ge	106.91	51	PFAKE	LR	12 27 00.0	TPNV	Topopah Spring	110.86	50	PKIKP	PKIKP	12 26 56.0 +0.2				
F10A	Beach Ranch, E	107.15	41	PFAKE	LR	12 27 00.0	TPNV	Topopah Spring	110.86	50	ePdif	Pdif	12 22 57.8 +1.6				
BFO	Black Forest	107.21	322	ePKPab	Pdif	12 22 38.6 -0.9	BOZ	Bozeman (W)	110.89	40	PKIKP	PKIKP	12 26 56.3 +0.8				
BFO	Black Forest	107.21	322	PFAKE	LR	12 27 00.0	BOZ	Bozeman (W)	110.89	40	ePdif	Pdif	12 22 58.2 +2.1				
TUE	Stuetta	107.26	320	PFAKE	LR	12 27 00.0	R11A	Troy Canyon, C	110.90	48	PKIKP	PKIKP	12 26 56.4 +0.5				
CLTB	Caltabellotta	107.31	310	PFAKE	LR	12 27 00.0	R11A	Troy Canyon, C	110.90	48	PFAKE	LR	12 27 10.0				
VLC	Villacollemand	107.37	317	PFAKE	LR	12 27 00.0	RRX	Edison Barstow	110.90	52	PKIKP	PKIKP	12 26 56.1 +0.4				
WVOR	Wild Horse Val	107.38	45	PFAKE	LR	12 27 00.0	GSC	Goldstone	110.93	51	PKIKP	PKIKP	12 26 55.7 -0.2				
CMB	Columbia Colle	107.39	49	ePdif	Pdif	12 22 43.5 +2.9	GSC	Goldstone	110.93	51	ePdif	Pdif	12 26 00.4 +3.9				
MEM	Membach	107.69	325	PFAKE	LR	12 27 00.0	EGMT	Eggleton	111.00	37	PKIKP	PKIKP	12 26 55.6 0.0				
WAKR	Walker	107.98	49	ePdif	Pdif	12 22 45.5 +2.1	MURC	Murrieta	111.11	53	PKIKP	PKIKP	12 26 56.6 +0.4				
ECH	Echery	107.98	322	PFAKE	LR	12 27 00.0	BBRC	Big Bear Solar	111.14	52	PKIKP	PKIKP	12 26 57.1 +0.6				
WLF	Wallerdange	108.00	324	PFAKE	LR	12 27 00.0	SHOC	Shoshone	111.16	51	PKIKP	PKIKP	12 26 56.9 +0.7				
WALA	Waterton Lakes	108.06	37	PFAKE	LR	12 27 00.0	109C	Camp Elliot, M	111.39	54	PKIKP	PKIKP	12 26 57.2 +0.6				
TSUM	Tsumeb	108.07	250	PFAKE	LR	12 27 00.0	H9C	Hector, Ludlow	111.44	52	PKIKP	PKIKP	12 26 57.7 +0.9				
SMMC	Simmer	108.42	52	PKIKP	PKIKP	12 26 51.4 +0.3	TUQ	Turquoise Moun	111.58	51	PKIKP	PKIKP	12 26 57.5 +0.3				
SWMT	Swartz Lake	108.63	38	PKIKP	PKIKP	12 26 57.3 +6.1	FFC	Flin Flin	111.58	28	iPKIKP	Pdif	12 26 59.0 +2.6				
PKM	Peak Mountain	108.67	52	PKIKP	PKIKP	12 26 51.6 -0.2	FFC	Flin Flin	111.58	28	ePdif	Pdif	12 23 01.1 +2.3				
MLAC	Mammoth Lakes	108.68	49	PKIKP	PKIKP	12 26 52.2 +0.5	HVU	Hansel Valley	111.69	44	PFAKE	LR	12 27 10.0				
RCTC	Reactor, Farmer	108.75	51	PKIKP	PKIKP	12 26 52.3 +0.8	PFO	Pinyon Flat Ob	111.70	53	PKIKP	PKIKP	12 26 58.0 +0.6				
NV01	Mina Array Sit	108.85	49	ePdif	Pdif	12 22 47.0 -0.3	BAR	Barrett	111.80	54	PFAKE	LR	12 27 10.0				
NV01	Mina Array Bea	108.85	49	Pdif	Pdif	12 26 53.5 +1.4	SFJD	Kangerlussuaq	111.82	359	iP	Pdif	12 23 00.3 +0.8				
NVAR	Mina Array Bea	108.85	49	Pdif	Pdif	12 22 47.0 -0.3	SFJD	Kangerlussuaq	111.82	359	eP	MLR	12 27 34.4				
NVAR	Mina Array Bea	108.85	49	Pdif	Pdif	12 26 53.5 +1.4	SFJD	Kangerlussuaq	111.82	359	eP	MLR	12 23 00.3 +0.8				
NVAR	Mina Array Bea	108.85	49	Pdif	Pdif	12 22 47.0 -0.3	SFJD	Kangerlussuaq	111.82	359	eP	MLR	12 27 10.0				
NVAR	Mina Array Bea	108.85	49	Pdif	Pdif	12 26 53.5 +1.4	SHPR	Sheep Range	111.83	50	ePdif	Pdif	12 23 03.7 +3.2				
NVAR	Mina Array Bea	108.85	49	Pdif	Pdif	12 22 47.0 -0.3	RGU	Big Grassy Mou	111.84	45	ePKIKP	LR	12 27 00.8 +3.2				
NVAR	Mina Array Bea	108.85	49	Pdif	Pdif	12 26 53.5 +1.4	YNR	Norris Junctio	111.89	40	PFAKE	LR	12 27 10.0				
NVAR	Mina Array Bea	108.85	49	Pdif	Pdif	12 22 47.0 -0.3	YNR	Norris Junctio	111.89	40	PFAKE	LR	12 27 10.0				
NVAR	Mina Array Bea	108.85	49	Pdif	Pdif	12 26 53.5 +1.4	MONP	Monument Peak	111.94	54	PKIKP	PKIKP	12 26 58.6 +0.6				
NVAR	Mina Array Bea	108.85	49	Pdif	Pdif	12 22 47.0 -0.3	BELC	Belle Mtn. Jns	111.95	52	PKIKP	PKIKP	12 26 58.6 +0.7				
NVAR	Mina Array Bea	108.85	49	Pdif	Pdif	12 26 53.5 +1.4	GMRC	Granite Mounta	111.98	52	PKIKP	PKIKP	12 26 58.6 +0.6				
NVAR	Mina Array Bea	108.85	49	Pdif	Pdif	12 22 47.0 -0.3	IMW	Indian Meadow	112.07	41	PFAKE	LR	12 27 10.0				
NVAR	Mina Array Bea	108.85	49	Pdif	Pdif	12 26 53.5 +1.4	H17A	Grant Village	112.10	40	PFAKE	LR	12 27 10.0				
NVAR	Mina Array Bea	108.85	49	Pdif	Pdif	12 22 47.0 -0.3	H17A	Grant Village	112.10	40	PFAKE	LR	12 27 10.0				
NVAR	Mina Array Bea	108.85	49	Pdif	Pdif	12 26 53.5 +1.4	FXWY	Fox Creek	112.12	41	ePKIKP	PKIKP	12 26 58.8 +0.7				
NVAR	Mina Array Bea	108.85	49	Pdif	Pdif	12 22 47.0 -0.3	FLWY	Flagg Ranch	112.15	41	PFAKE	LR	12 27 10.0				
NVAR	Mina Array Bea	108.85	49	Pdif	Pdif	12 26 53.5 +1.4	FLWY	Flagg Ranch	112.15	41	PFAKE	LR	12 27 10.0				
NVAR	Mina Array Bea	108.85	49	Pdif	Pdif	12 22 47.0 -0.3	FCC	Fort Churchill	112.20	21	PFAKE	LR	12 27 10.0				
NVAR	Mina Array Bea	108.85	49	Pdif	Pdif	12 26 53.5 +1.4	FCC	Fort Churchill	112.20	21	PFAKE	LR	12 27 10.0				
NVAR	Mina Array Bea	108.85	49	Pdif	Pdif	12 22 47.0 -0.3	TPAW	Teton Pass	112.23	41	PFAKE	LR	12 27 10.0				
NVAR	Mina Array Bea	108.85	49	Pdif	Pdif	12 26 53.5 +1.4	TPAW	Teton Pass	112.23	41	PFAKE	LR	12 27 10.0				
NVAR	Mina Array Bea	108.85	49	Pdif	Pdif	12 22 47.0 -0.3	MOOW	Moose Ponds	112.26	41	PFAKE	LR	12 27 10.0				
NVAR	Mina Array Bea	108.85	49	Pdif	Pdif	12 26 53.5 +1.4	MOOW	Moose Ponds	112.26	41	PFAKE	LR	12 27 10.0				
NVAR	Mina Array Bea	108.85	49	Pdif	Pdif	12 22 47.0 -0.3	DUG	Dugway	112.27	45	PKIKP	PKIKP	12 26 58.9 +0.5				
NVAR	Mina Array Bea	108.85	49	Pdif	Pdif	12 26 53.5 +1.4	DUG	Dugway	112.27	45	PKIKP	PKIKP	12 26 58.9 +0.5				
NVAR	Mina Array Bea	108.85	49	Pdif	Pdif	12 22 47.0 -0.3	DUG	Dugway	112.27	45	PKIKP	PKIKP	12 26 58.9 +0.5				
NVAR	Mina Array Bea	108.85	49	Pdif	Pdif	12 26 53.5 +1.4	DUG	Dugway	112.27	45	PKIKP	PKIKP	12 26 58.9 +0.5				
NVAR	Mina Array Bea	108.85	49	Pdif	Pdif	12 22 47.0 -0.3	IBP	Imperial Bould	112.27	54	PKIKP	PKIKP	12 26 58.9 +0.4				
NVAR	Mina Array Bea	108.85	49	Pdif	Pdif	12 26 53.5 +1.4	IBP	Imperial Bould	112.27	54	PKIKP	PKIKP	12 26 58.9 +0.4				
NVAR	Mina Array Bea	108.85	49	Pdif	Pdif	12 22 47.0 -0.3	IBP	Imperial Bould	112.27	54	PKIKP	PKIKP	12 26 58.9 +0.4				
NVAR	Mina Array Bea	108.85	49	Pdif	Pdif	12 26 53.5 +1.4	IBP	Imperial Bould	112.27	54	PKIKP	PKIKP	12 26 58.9 +0.4				
NVAR	Mina Array Bea	108.85	49	Pdif	Pdif	12 22 47.0 -0.3	IBP	Imperial Bould	112.27	54	PKIKP	PKIKP	12 26 58.9 +0.4				
NVAR	Mina Array Bea	108.85	49	Pdif	Pdif	12 26 53.5 +1.4	IBP	Imperial Bould	112.27	54	PKIKP	PKIKP	12 26 58.9 +0.4				
NVAR	Mina Array Bea	108.85	49	Pdif	Pdif	12 22 47.0 -0.3	IBP	Imperial Bould	112.27	54	PKIKP	PKIKP	12 26 58.9 +0.4				
NVAR	Mina Array Bea	108.85	49	Pdif	Pdif	12 26 53.5 +1.4	IBP	Imperial Bould	112.27	54	PKIKP	PKIKP	12 26 58.9 +0.4				
NVAR	Mina Array Bea	108.85	49	Pdif	Pdif	12 22 47.0 -0.3	IBP	Imperial Bould	112.27	54	PKIKP	PKIKP	12 26 58.9 +0.4				
NVAR	Mina Array Bea	108.85	49	Pdif	Pdif	12											

R32A	Long Quarter, baz=123	122.78	41	PKIKP	PKPdf	12 27 18.4	-0.1	
V30A	Spur Ranch, Mi baz=123	122.80	45	PKIKP	PKPdf	12 27 18.4	-0.2	
PNCL	Nicolau / Gran	122.82	318	ePKPdf	PKPdf	12 27 22.9	+4.5	
PNCL	Nicolau / Gran	122.82	318	ePKS	PK	12 29 00.6	+4.1	
PNCL				iP	Px	12 38 49.8		
PNCL				iP	PKPdf	12 46 40.8		
N34A	Lincoln baz=123	122.83	38	PKIKP	PKPdf	12 27 17.4	-1.1	
PMAFR	Mafrá	122.85	319	ePKPdf	PKPdf	12 27 22.0	+3.5	
PMAFR	Mafrá	122.85	319	ePP	PP	12 29 00.5	+3.7	
PMAFR				eSKS	PK	12 38 51.7		
PMAFR				iP	Px	12 46 41.1		
PBDV	Barranco-do-Ve	122.87	317	ePKPdf	PKPdf	12 27 20.6	+2.0	
PBDV	Barranco-do-Ve	122.87	317	ePP	PP	12 28 57.2	+0.2	
PBDV				eSKS	PK	12 38 51.5		
PBDV				iP	Px	12 47 03.1		
P33A	Williams Farm, baz=123	122.88	40	PKIKP	PKPdf	12 27 18.0	-0.6	
LIS	Lisbon	122.90	319	eP	PKPdf	12 27 18.3	-0.3	
LIS				ePP	PP	12 28 57.6	+0.6	
LIS				AMS	AMS	13 18 36.0		
LIS	comp=E,2jum,25.5s							
LIS	Lisbon	122.90	319	ePKIKP	PKPdf	12 27 18.3	-0.3	
LIS						12 28 57.2	+0.2	
M35A	Neola baz=123	122.94	37	PKIKP	PKPdf	12 27 18.1	-0.5	
128A	Castleberry Fa baz=123	122.96	49	PKIKP	PKPdf	12 27 19.0	-0.1	
Y29A	Porterfield Fa baz=123	123.00	47	PKIKP	PKIKP	12 27 19.5	+0.2	
S32A	Newby Ranch, P baz=123	123.02	42	PKIKP	PKPdf	12 27 18.8	-0.1	
SCHO	Schefferville comp=E,14nm,0.4s,baz=329,slow=1.5,SNR=50	123.02	9	PKP	PKP	12 27 18.4	0.0	
SCHO				PKKbcb	PKKPab	12 37 10.8	0.0	
Q31A	Connelly Farm, baz=123	123.04	40	PKIKP	PKPdf	12 27 18.7	-0.2	
U33A	Nine Bar Ranch baz=123	123.09	44	PKIKP	PKIKP	12 27 19.5	+0.2	
Q34A	Beatrice baz=123	123.09	39	PKIKP	PKPdf	12 27 17.7	-1.3	
228A	UT Block 9, Go baz=123	123.10	50	PKIKP	PKPdf	12 27 19.4	0.0	
W30A	Crocket Farms baz=123	123.17	46	PKIKP	PKIKP	12 27 19.5	-0.1	
TOC1	Torodi Ar. Sit	123.20	287	ePKIKP	PKPdf	12 27 20.2	+0.4	
TOAO	Torodi Ar. Sit	123.21	287	ePKPdf	PKPdf	12 27 19.5	-0.3	
TORD	Torodi Ar. Bea	123.21	287	PKP	PKPdf	12 27 19.5	-0.3	
TORD				comp=E,16nm,0.7s,baz=44,slow=2.3,SNR=26				
TORD				PP	PP	12 29 03.8	+3.4	
TORD				comp=E,14nm,1.0s,baz=78,slow=4.1,SNR=4.8	PKKbcb	PKKPab	12 37 10.6	+0.2
TORD				comp=E,15nm,0.7s,baz=274,slow=3.7,SNR=38				
TOB5	Torodi Ar. Sit	123.22	287	ePK	PKPdf	12 27 19.6	-0.2	
Z29A	Hungry Hill Ra	123.26	48	PKIKP	PKPdf	12 27 19.3	-0.3	
T32A	Huddler Ranch, baz=123	123.30	43	PKIKP	PKPdf	12 27 19.2	-0.3	
R30A	Coker Ranch, T baz=123	123.31	46	PKIKP	PKPdf	12 27 19.5	-0.1	
X33A	Olander Ranch, baz=123	123.32	41	PKIKP	PKPdf	12 27 19.0	-0.5	
MORF	Marletele	123.33	317	eP	PKPdf	12 27 19.8	+0.2	
MORF				ePP	PP	12 29 00.5	+0.4	
MORF				AMS	AMS	13 27 48.1		
MORF				comp=E,3jum,22.4s				
MORF	Marletele	123.33	317	ePKPdf	PKPdf	12 27 23.4	+3.9	
MORF	Marletele	123.33	317	ePP	PP	12 29 08.1	+8.0	
MORF				eSKS	PK	12 38 36.2		
MORF	Marletele	123.33	317	ePKIKP	PKPdf	12 27 19.7	+0.2	
MORF						12 29 00.5		
N35A	Tabor baz=123	123.33	37	PKIKP	PKPdf	12 27 18.6	-0.8	
P34A	Walnut Farm, R baz=123	123.37	39	PKIKP	PKPdf	12 27 18.9	-0.6	
V31A	Spring Creek L baz=123	123.39	45	PKIKP	PKIKP	12 27 20.3	+0.4	
COWI	Conover	123.42	29	PFAKE	LR	12 27 30.0	+11	
TXAR	Lajitas Array comp=Z,3jum,22.0s	123.42	53	PKP	PKPdf	12 27 20.0	0.0	
TXAR				comp=Z,12nm,0.9s,baz=220,slow=2.1,SNR=48	PP	PP	12 29 03.1	+1.9
TXAR				comp=Z,3.0nm,0.9s,baz=286,slow=4.6,SNR=4.3	PKKbcb	PKKPbc	12 37 10.6	+0.9
TXAR				comp=Z,3.3nm,1.0s,baz=118,slow=6.2,SNR=10	SKKbcb	SKKPbc	12 40 57.9	+2.5
TXAR				comp=Z,2.0nm,1.1s,baz=118,slow=4.8,SNR=3.6	PKP	PKPdf	12 27 20.0	0.0
TXAR	Lajitas Array	123.42	53	PKIKP	PKPdf	12 27 20.0	0.0	
TXAR					pmax	pmax	12 29 03.1	
TXAR				comp=Z,12nm,0.9s				
TXAR				comp=Z,3.0nm,0.9s				
TXAR				comp=Z,3.0nm,1.0s				
TXAR				comp=N,2.0nm,1.1s				
129A	Stewart Farms, baz=123	123.42	49	PKIKP	PKPdf	12 27 19.5	-0.4	
Q35A	Humboldt baz=124	123.53	38	PKIKP	PKPdf	12 27 18.9	-0.9	
PFV1	Vila Bisbo	123.54	317	ePKPdf	PKPdf	12 27 23.9	+4.0	
PFV1	Vila Bisbo	123.54	317	ePP	PP	12 29 04.8	+3.3	
PFV1				eSKS	PK	12 38 43.8		
PFV1				iP	Px	12 45 35.7		
PFV1	Vila Bisbo	123.54	317	PFAKE	LR	12 27 30.0	+10	
Y30A	Stafford Cattl baz=124	123.56	47	PKIKP	PKPdf	12 27 20.2	+0.1	
W31A	Hollan Ranch, baz=124	123.62	45	PKIKP	PKIKP	12 27 20.5	+0.1	
Q34A	Chapman baz=124	123.66	40	PKIKP	PKPdf	12 27 19.8	-0.3	
U32A	Winter Ranch, baz=124	123.67	44	PKIKP	PKIKP	12 27 20.5	+0.1	
Z30A	Sanderson Ranc baz=124	123.67	48	PKIKP	PKPdf	12 27 20.2	-0.1	
S33A	Kaszaul Farm, baz=124	123.70	42	PKIKP	PKPdf	12 27 19.8	-0.4	
229A	Bryant Ranch, baz=124	123.76	50	PKIKP	PKPdf	12 27 20.4	-0.2	
KSU1	Kansas State U baz=124	123.77	40	PKIKP	PKPdf	12 27 20.1	-0.1	
KSU1	Kansas State U	123.77	40	PFAKE	LR	12 27 30.0	+10	
R34A	Isabella, Hill comp=Z,4jum,22.0s	123.81	41	PKIKP	PKPdf	12 27 20.0	-0.4	
T33A	Patterson Ranc baz=124	123.81	42	PKIKP	PKPdf	12 27 20.2	-0.2	
329A	Wagon Wheel Ra baz=124	123.84	50	PKIKP	PKPdf	12 27 20.4	-0.3	
P35A	McDonald Ranch baz=124	123.87	46	PKIKP	PKPdf	12 27 20.4	-0.3	
P35A	Duane Minner, baz=124	123.89	39	PKIKP	PKPdf	12 27 19.9	-0.6	
V32A	Arapaho baz=124	123.98	44	PKIKP	PKIKP	12 27 21.2	+0.1	
Y31A	Rekietia Farm, baz=124	123.97	47	PKIKP	PKPdf	12 27 20.8	-0.1	
130A	Snyder baz=124	124.11	48	PKIKP	PKPdf	12 27 20.8	-0.3	
W32A	Sentinel baz=124	124.14	45	PKIKP	PKPdf	12 27 21.1	0.0	
Q36A	Bolckow baz=124	124.19	38	PKIKP	PKPdf	12 27 20.4	-0.7	
S34A	Willow Spring baz=124	124.23	41	PKIKP	PKPdf	12 27 20.9	-0.3	
529A	Stev Forest Ra baz=124	124.24	52	PKIKP	PKIKP	12 27 21.9	0.0	
U33A	Lingo Farm, Me baz=124	124.25	43	PKIKP	PKPdf	12 27 21.4	+0.1	
Q35A	Mercer Eighty, baz=124	124.27	39	PKIKP	PKPdf	12 27 20.6	-0.6	
429A	Davenport Ranc baz=124	124.28	51	PKIKP	PKPdf	12 27 21.4	-0.2	
230A	Sterling City baz=124	124.33	49	PKIKP	PKPdf	12 27 21.7	0.0	
P36A	Good Intent, A baz=124	124.34	38	PKIKP	PKPdf	12 27 20.4	-1.0	
Z31A	Sharp Cattle R	124.38	47	PKIKP	PKIKP	12 27 21.9	-0.1	

V33A	Lossen Ranch, baz=124	124.45	44	PKIKP	PKIKP	12 27 21.9	-0.1
R35A	Elmer baz=124	124.47	46	PKIKP	PKPdf	12 27 21.7	-0.1
X32A	Emporia Munci baz=124	124.48	40	PKIKP	PKPdf	12 27 21.6	-0.1
330A	Mertzom baz=124	124.50	50	PKIKP	PKPdf	12 27 21.6	-0.4
131A	Roby baz=124	124.51	48	PKIKP	PKIKP	12 27 22.2	0.0
T34A	McClaskey Farm baz=124	124.56	42	PKIKP	PKPdf	12 27 21.7	-0.2
Y32A	R-V Farms, Ver baz=125	124.56	46	PKIKP	PKPdf	12 27 21.9	-0.1
Q36A	Arnold C. Orve baz=124	124.58	39	PKIKP	PKPdf	12 27 21.1	-0.7
U34A	Anderson Ranch baz=125	124.64	43	PKIKP	PKPdf	12 27 22.1	+0.1
U34A	Anderson Ranch	124.64	43	PFAKE	LR	12 27 30.0	+8.0
U34A				comp=Z,3jum,20.0s			
WMOK	Wichita Mounta	124.67	45	PFAKE	LR	12 27 30.0	+7.8
WMOK							
W33A	Caddo, Fort Co comp=Z,3jum,22.0s	124.68	45	PKIKP	PKIKP	12 27 23.0	+0.5
430A	Gaggett Ranch, baz=125	124.72	51	PKIKP	PKIKP	12 27 22.7	-0.1
S35A	Otter Creek Ra baz=125	124.76	41	PKIKP	PKPdf	12 27 21.8	-0.4
Z32A	Haskell baz=125	124.88	47	PKIKP	PKPdf	12 27 22.6	0.0
231A	Bronte baz=125	124.91	49	PKIKP	PKPdf	12 27 22.7	0.0
R36A	Gordon, Harris baz=125	124.92	40	PKIKP	PKPdf	12 27 21.9	-0.6
530A	J-C Ranch, Com baz=125	124.92	51	PKIKP	PKIKP	12 27 23.4	+0.2
X33A	Lawton baz=125	124.97	45	PKIKP	PKPdf	12 27 22.2	-0.5
V34A	Guthrie baz=125	124.98	43	PKIKP	PKPdf	12 27 22.8	+0.1
V34A	Guthrie	124.98	43	PFAKE	LR	12 27 30.0	+7.3
T35A	Sooner Cattl comp=Z,3jum,21.0s	125.07	42	PKIKP	PKPdf	12 27 22.6	-0.2
ABTX	Ablene, Hawle baz=125	125.09	48	PKIKP	PKPdf	12 27 23.1	+0.1
ABTX	Ablene, Hawle	125.09	48	PFAKE	LR	12 27 30.0	+7.0
JFWS	Jewell Farm comp=Z,4jum,22.0s	125.09	32	PFAKE	LR	12 27 30.0	+7.3
JFWS							
331A	San Angelo comp=Z,4jum,22.0s	125.11	50	PKIKP	PKPdf	12 27 22.9	-0.3
W34A	Bridge Creek, baz=125	125.12	44	PKIKP	PKPdf	12 27 22.9	-0.1
W34A	Bridge Creek, W34A	125.12	44	PFAKE	LR	12 27 30.0	+7.0
Y33A	Hilltop Ranch, comp=Z,4jum,22.0s	125.15	46	PKIKP	PKPdf	12 27 22.9	-0.2
S36A	Lake Cedric, C baz=125	125.21	40	PKIKP	PKPdf	12 27 22.9	-0.2
U35A	Pawnee baz=125	125.22	42	PKIKP	PKPdf	12 27 22.7	-0.4
431A	Sonora baz=125	125.25	50	PKIKP	PKPdf	12 27 23.0	-0.4
Q37A	Longview Farm, baz=125	125.26	39	PKIKP	PKPdf	12 27 22.2	-0.9
USHA	Ushuaia	125.30	170	PKP	PKPdf	12 27 22.9	+0.2
HOPE	Hope Point comp=Z,56nm,0.9s,baz=190,slow=1.0	125.32	192	PFAKE	LR	12 27 30.0	+7.3
HOPE							
R37A	Teagarden Farm comp=Z,4jum,21.0s	125.36	39	PKIKP	PKPdf	12 27 22.6	-0.7
T36A	Boggs Farm, Ca baz=125	125.40	41	PKIKP	PKPdf	12 27 23.1	-0.4
X34A	Smith Ranch, M baz=125	125.41	45	PKIKP	PKPdf	12 27 23.5	-0.1
Z33A	Whitaker Ranch baz=125	125.41	47	PKIKP	PKIKP	12 27 23.9	0.0
232A	Coleman baz=125	125.43	49	PKIKP	PKPdf	12 27 23.3	-0.5
V35A	Meyer Ranch, C baz=126	125.48	43	PKIKP	PKPdf	12 27 23.3	-0.4
531A	Rocksprings baz=126	125.53	51	PKIKP	PKPdf	12 27 23.8	-0.1
332A	Millersview baz=126	125.60	49	PKIKP	PKPdf	12 27 23.9	-0.2
133A	Hamilton Ranch baz=126	125.63	47	PKIKP	PKIKP	12 27 24.3	-0.2
S37A	Fort Scott baz=126	125.68	40	PKIKP	PKPdf	12 27 23.5	-0.5
W35A	Tecumseh baz=126	125.78	44	PKIKP	PKPdf	12 27 24.1	-0.2
432A	Mienard baz=126	125.79	50	PKIKP	PKPdf	12 27 24.1	-0.3
Y34A	Reagan Ranch, baz=126	125.79	45	PKIKP	PKPdf	12 27 24.0	-0.3
631A	Perdido Creek baz=126	125.84	52	PKIKP	PKPdf	12 27 24.3	-0.2
U36A	Oologah baz=126	125.88	42	PKIKP	PKPdf	12 27 24.1	-0.3
Z33A	Rising Star baz=126	125.93	48	PKIKP	PKPdf		

Table with columns: MET, Memphis-Engin, 130.42, 40, PFAKE, LR, 12 27 40.0 +6.9, etc. Lists various astronomical objects and their properties.

Table with columns: LCO, Las Campanas, 148.03, 151, PFAKE, LR, 12 28 20.0 +8.7, etc. Lists various astronomical objects and their properties.

Table with columns: ACAN, Chepes, 5.17, 63, eS, Sb, 12 20 07.9 -3.6, etc. Lists various astronomical objects and their properties.

KRSC 03 12:57:56.6:2.3, 51:05N:157:23E, h144km, 28km, ML4.4
ISCBJ 03 12:57:57.8:0.4, 51:10N:0:07:156:9E:0:1, h138km, 4km, mb3.07, Error ellipse: s-maj=16.6km s-min=4.8km

MOS 03 12:57:57.4:0.7, 51:02N:157:07E, h137km, mb3.9/2, Error ellipse: s-maj=22.6km s-min=5.9km az=69.3
IDC 03 12:57:57.7:2.7, 50:96N:157:06E, h119km, 28km, mb3.4/7, mb1 3.8/1.0, mb1mx3.4/5.1, mbtmp3.9/1.0, Error ellipse: s-maj=44.7km s-min=12.0km az=141.0

ISC 03 12:57:58.8:0.5, 51:08N:0:07:157:13E:0:0, h137km, 7km, m62, i:129/89, mb3.8/7, 4C-2D, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists various astronomical objects and their properties.

ISCBJ 03 11:58:7.0:4, 18:93S:0:04:68:83W:0:05, h111km, mb3.9/6, Error ellipse: s-maj=6.9km s-min=5.0km az=32.8
SJA 09 12:00:2.0:0.5, 19:19S:19W, h83km, 50km, ML3.5
GUC 03 13:20:0.6:0.6, 19:10S:69:05W, h120km, ML4.1
IDC 03 13:12:01.8:0.9, 19:07S:68:77W, h131km, 8km, mb3.7/8, mb1 3.9/1.2, mb1mx3.7/2.8, mbtmp4.2/1.2, Error ellipse: s-maj=16.0km s-min=8.4km az=96.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for MASOHI, BANDANAJA, SANANA, etc.

JMA 03 14:42:29.1-0.2, 36.88N-141.61E, h50km, 3km, M3.5, 1D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for IWAKIMIZUSHIYI, KAWAUCHI, HITACHI, etc.

ISCJB 03 14:44:32.6-0.7, 37.25N-104.28E, h0km, Error ellipse: s-maj=7.0km s-min=4.3km az=39.2

ISC 03 14:44:32.4, 37.21N-104.28E, h8km, MD2.4

CSEM 03 14:44:32.6-0.2, 37.23N-104.28E, h1km, MD2.6, Error ellipse: s-maj=5.7km s-min=3.4km az=46.0, Mining explosion.

DDA 03 14:44:32.4, 37.26N-104.28E, h7km, MD2.6

ISC 03 14:44:32.7, 1.2, 37.23N-103.28E, h0km, n14, #0572/2, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for YERKESIK, TURUNC, TURUNC, etc.

CRAAG 03 14:57:41.1, 36.16N-1.61E, M3.5, Northern Algeria

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for BENI RACHED, AIN N'SOUR, etc.

ISC 03 15:06:51.7-0.7, 43.25N-46.07E, h0km, mb3.7/9, mb1.3/14, mb1mx3.7/44, mbtmp3.7/14, ML3.7/4, Error ellipse: s-maj=12.9km s-min=9.9km az=168.0

ISCJB 03 15:06:52.1-0.4, 43.44N-46.41E, h0km, 2km, mb3.6/9, Error ellipse: s-maj=3.3km s-min=2.0km az=30.4

TIF 03 15:06:52.5, 43.36N-46.38E, h13km, 2km

MOS 03 15:06:53.0, 1.4, 43.42N-46.37E, h12km, mb4.2/5, Error ellipse: s-maj=6.2km s-min=4.4km az=113.7

CSEM 03 15:06:53.3, 1.1, 43.39N-46.35E, h2km, mb3.9/6, Error ellipse: s-maj=4.2km s-min=2.6km az=33.0

AZER 03 15:06:54.0, 0.42, 98N-45.12E, h40km, Error ellipse: s-maj=3.0km s-min=1.2km az=37.0

NNC 03 15:07:08.3-2.7, 43.56N-48.20E, h0km, mb4.0, Error ellipse: s-maj=78.1km s-min=19.1km az=139.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for DYLYM, GROZNY, DUBKI, KARANAY, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for GUNIB, TERSKAYA, TERSKAYA, etc.

ISCJB 03 15:06:54.0, 42.98N-45.12E, h40km, Error ellipse: s-maj=3.0km s-min=1.2km az=37.0

ISC 03 15:06:54.0, 43.32N-46.33E, h0km, h17km, 5km, n146, #1930/231, mb3.7/9, 24C-28D, Eastern Caucasus

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for DELISI, DELISI, DELISI, etc.

ISC 03 15:06:54.0, 43.32N-46.33E, h0km, h17km, 5km, n146, #1930/231, mb3.7/9, 24C-28D, Eastern Caucasus

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for DRN, DRN, DRN, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for KASUMKENT, SEKA, SEKA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BVA0 Borovoye Array, BVAR Borovoye Array, BVAR Borovoye Array, etc.

ISK 03 15:10:03.7, 39.90N, 29.18E, h5km, MD2.7
CSEM 03 15:10:04.1, 0.1, 39.91N, 29.19E, h5km, MD2.7, Error
ellipse: s-maj=3.3km s-min=2.5km az=132.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ORLT Orhanelli, ORLT Orhanelli, IZI Iznik, etc.

ISCJB 03 15:20:19.9, 0.6, 38.14N, 0.03, 27.35E, 0.04, h1km, 8km,
Error ellipse: s-maj=6.0km s-min=4.7km az=35.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AYDB Zeytinkoy-Aydi, AYDB Zeytinkoy-Aydi, URLA Izmir, etc.

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

ISCJB 03 15:22:37.9, 0.5, 39.92N, 0.02, 29.17E, 0.04, h4km, 5km,
Error ellipse: s-maj=4.7km s-min=4.0km az=132.0

ISK 03 15:22:37.6, 39.90N, 29.18E, h8km, MD2.6
DDA 03 15:22:37.3, 39.90N, 29.21E, h7km, MD2.7
CSEM 03 15:22:38.0, 0.1, 39.91N, 29.19E, h8km, MD2.7, Error
ellipse: s-maj=2.5km s-min=2.1km az=111.0

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

CSEM 03 15:29:53.2, 0.5, 49.93N, 18.46E, h2km, ML3.9, Error
ellipse: s-maj=7.8km s-min=6.0km az=78.0

PRU 03 15:29:53.7, 49.85N, 18.44E, h0km
ISC 03 15:29:53.4, 3.3, 49.93N, 0.1, 18.55E, 0.1, h0km, n7, 0.0524/12,
Czech and Slovak Republics

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

BUI 03 15:38:14.1, 48.17N, 15.52E, h55km, mb4.5/19, mB4.7/13,
Ms4.0/7, Ms7.3/77

ISCJB 03 15:38:19.9, 0.3, 48.20N, 0.04, 15.43E, 0.06, h42km,
mb4.1/29, Error ellipse: s-maj=7.1km s-min=2.3km
az=44.7

KRSC 03 15:38:17.1, 2.6, 48.07N, 15.61E, h16km, 7km, ML5.0
MOS 03 15:38:18.0, 1.2, 48.24N, 15.45E, h55km, mb4.2/16, Error
ellipse: s-maj=9.3km s-min=4.5km az=70.3

SKHL 03 15:38:19.9, 0.6, 48.18N, 15.47E, h7km, 1km, mb5.0/6
NEIC 03 15:38:19.5, 1.1, 48.05N, 15.43E, h50km, 12km, mb4.3/8

ISC 03 15:38:22.6, 2.6, 48.34N, 15.43E, h77km, 23km, mb3.7/19,
mb1.3/9, 22, mb1mx3.9/31, mbtmp4.1/22, Error ellipse:
s-maj=18.8km s-min=11.1km az=141.0

ISC 03 15:38:18.5, 0.5, 48.17N, 0.07, 15.64E, 0.06, h42km, n159,
0.1561/184, mb4.1/29, 7C-3D, Kuril Islands

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SKR comp=E,60nm,0.5s, SKR comp=E,240nm,0.5s, SKR comp=E,1,1um,4.0s, etc.

PDGK	Podgornoye	8.97	54	P	Pn	16 28 33.0	-0.4
PDGK	comp=Z,328nm,1.4s				pmax		
ABKT	Alibek	9.02	270	Pn	Pn	16 28 32.6	-1.7
	comp=Z,699nm,0.7s,SNR=10						
GEYT	Alibek	9.02	270	Pn	Pn	16 28 31.7	-2.5
	comp=Z,5.2nm,0.3s,baz=91,slow=12,SNR=19						
GEYT	comp=Z,6.8nm,0.3s,baz=92,slow=13,SNR=7.1					16 29 05.0	
GEYT	comp=Z,9.3nm,0.3s,baz=80,slow=18,SNR=2.7				Sn	16 30 13.1	-1.7
GEYT	comp=Z,7.2nm,0.3s,baz=97,slow=36,SNR=2.7				Lg	16 31 17.2	
SDNR	Sundarnagar	9.20	136	eP	Pn	16 28 38.0	+1.3
SDNR	comp=Z,1.1um,0.4s				AML		
ISFR	Sfrayin	9.26	265	eP	Pn	16 28 37.1	-0.6
ISHV	Shirvan	9.40	268	eP	Pn	16 28 39.0	-0.7
SMLA	Simla	9.59	137	iP	Pn	16 28 41.5	-0.6
SMLA	comp=N,1um,0.4s				AML	16 30 29.3	+0.5
SMLA	comp=E,1um,0.3s				AML	16 30 34.5	
IDAH	Dahanechah	9.71	237	eP	Pn	16 28 44.5	+0.6
OTUK	Ortyev	10.02	11	flP	Pn	16 28 46.6	-1.3
	comp=E,144nm,1.3s						
IKOO	Kooshah	10.48	238	eP	Pn	16 28 51.5	-3.0
DDI	Dehra Dun	10.70	137	eP	Pn	16 28 55.1	-2.2
DDI	comp=Z,1.29nm,0.5s				x	16 30 46.3	
JOSI	Joshimath	11.38	131	eS	Pn	16 29 05.1	-1.6
JOSI	comp=N,919nm,0.9s				AML	16 31 03.8	-9.1
JOSI	comp=E,751nm,0.8s				AML	16 31 26.1	
KHET	Khetri	11.57	151	ex	Pn	16 29 06.3	-2.8
KHET	NDI	11.62	144	eS	Sn	16 31 07.9	-9.2
NDI	New Delhi	11.62	144	eP	Pn	16 29 11.0	+1.2
KALG	Kalgarh	11.71	137	ex	Sn	16 31 16.0	-2.5
KALG	Aya Nagar	11.75	145	eP	Pn	16 29 06.9	-4.2
AYAN	Kundal	11.75	145	eS	Pn	16 31 07.4	-1.3
AYAN	Kudl	11.77	149	eP	Pn	16 29 09.8	-1.7
KUDL	Bishrah	11.82	144	eP	Pn	16 31 10.4	-1.1
BISR	Bishrah	11.82	144	eP	Pn	16 29 09.2	-2.7
BISR	comp=Z,1.29nm,0.5s				x	16 31 10.6	-5.1
MK31	Maknachi Array	12.55	44	ex	Pn	16 29 11.6	-0.9
MK31	comp=Z,276nm,1.5s,baz=233,slow=13,SNR=394				x	16 31 07.0	
MK31	Maknachi Array	12.55	44	eP	Pn	16 29 21.3	-1.2
MK31	comp=Z,384nm,1.7s				pmax		
MKAR	Maknachi Array	12.55	44	Pn	Pn	16 29 21.2	-1.4
MKAR	comp=Z,3.1nm,0.3s,baz=228,slow=14,SNR=148						
MKAR	comp=Z,0.8nm,0.3s,baz=232,slow=23,SNR=4.0				LR	16 33 03.3	
MKAR	comp=Z,430nm,20.8s,baz=236,slow=42				LR	16 35 03.6	
LGTI	Lohaghat	12.60	132	eP	Pn	16 29 21.6	-1.5
LGTI	IGLO	12.64	266	eP	Pn	16 31 37.1	-5.1
IGLO	Ghaloghah	12.64	266	eP	Pn	16 29 22.0	-2.0
AB31	Akbulak array	12.85	331	flP	Pn	16 29 23.4	-3.0
AB31	comp=Z,38nm,0.5s				flS		
AB31	comp=Z,316nm,1.1s				Sn	16 31 47.1	-1.2
AB31	Akbulak array	12.85	331	P	Pn	16 29 23.8	-2.7
AB31	comp=N,1.15nm,0.6s				S	16 31 39.6	-8.7
AB31	comp=Z,57nm,0.5s				pmax		
AB31	comp=N,1.15nm,0.6s				smax	smax	
ABKAR	Akbulak array	12.85	331	eP	Pn	16 29 23.0	-3.5
ABKAR	comp=N,3.5nm,0.2s						
IANJ	Anjilo	12.86	262	eP	Pn	16 29 25.0	-1.9
AGRA	Aggra	13.19	145	eP	Pn	16 29 28.6	-2.7
AGRA	Alasht	13.55	265	eP	Pn	16 31 44.6	-1.2
IALA	IFIR	13.71	263	eP	Pn	16 29 34.3	-2.0
IFIR	Firoozkoo	13.71	263	eP	Pn	16 29 35.5	-2.1
KURBB	Kurchatov Arra	13.76	25	flP	Pn	16 29 33.3	-5.3
KURBB	comp=N,1.29nm,1.5s						
KURBB	Kurchatov Arra	13.76	25	Pn	Pn	16 29 34.3	-4.6
KURBB	comp=N,0.2nm,0.3s,baz=211,slow=12,SNR=49				Sn	16 32 10.7	+0.2
KURBB	comp=N,0.2nm,0.3s,baz=261,slow=19,SNR=4.8				Lg	16 33 32.5	
KURBB	comp=N,0.3nm,0.3s,baz=212,slow=26,SNR=8.8				Lg	16 33 32.5	
ICHK	Chekchek	13.81	248	eP	Pn	16 29 40.2	+0.3
KURK	Kurchatov	13.87	25	P	Pn	16 29 34.3	-6.1
KURK	Kurchatov	13.87	25	Pn	Pn	16 32 10.7	-2.5
KURK	Kurchatov	13.87	25	Pn	Pn	16 29 34.3	-6.1
KURK	Kurchatov	13.87	25	Pn	Pn	16 32 10.7	-2.5
KURK	Peran	13.88	266	eP	Pn	16 33 32.5	
IPRN	Mehriz	14.12	245	eP	Pn	16 29 40.0	-0.8
IMEH	Afjeh	14.46	265	eP	Pn	16 29 44.1	-0.1
IAFJ	ISAD	14.51	248	eP	Pn	16 29 48.6	-0.3
ISAD	Sadrabad	14.51	248	eP	Pn	16 29 48.6	-0.9
AKTO	Aktyubinsk	14.54	329	flP	Pn	16 29 46.6	-3.0
AKTO	comp=N,285nm,0.8s				flS		
AKTO	comp=N,316nm,1.4s				Sn	16 32 28.9	-0.7
AKTO	Aktyubinsk	14.54	329	Pn	Pn	16 29 45.6	-4.0
AKTO	comp=N,1.8nm,0.3s,baz=143,slow=14,SNR=65				Sn	16 32 29.8	+0.1
AKTO	comp=N,3.2nm,0.3s,baz=338,slow=19,SNR=4.3				Lg	16 34 06.4	
AKTO	comp=N,3.2nm,0.3s,baz=338,slow=19,SNR=4.3				Lg	16 34 06.4	
AKTO	comp=N,5um,20.1s,baz=145,slow=39				LR	16 35 48.7	
AKTO	Aktyubinsk	14.54	329	P	Pn	16 29 45.6	-4.0
AKTO	comp=Z,2.0nm,0.3s				pmax	pmax	
AKTO	comp=N,3.0nm,0.3s				MLR	MLR	
BVA0	Borovyoye Array	14.62	2	P	Pn	16 29 46.8	-3.8
BVA0	comp=Z,2.75nm,1.4s,baz=174,slow=11,SNR=378				flS		
BVA0	Borovyoye Array	14.62	2	iP	Pn	16 29 46.8	-3.8
BVA0	comp=Z,1.38nm,1.1s				pmax	pmax	
BVAR	Borovyoye Array	14.62	2	Pn	Pn	16 29 46.9	-3.7
BVAR	comp=Z,518nm,1.7s				Sn		
BVAR	comp=Z,2.4nm,0.3s,baz=174,slow=12,SNR=38				Sn	16 32 27.3	-4.0
BVAR	comp=Z,1.7nm,0.3s,baz=175,slow=18,SNR=3.0				Lg	16 33 55.8	
BVAR	comp=Z,0.8nm,0.3s,baz=174,slow=29,SNR=3.3				LR	16 35 46.9	
BVAR	Borovyoye Array	14.62	2	P	Pn	16 29 46.9	-3.7
BVAR	comp=Z,4um,21.3s,baz=186,slow=39					16 32 27.3	
BVAR	comp=Z,2.0nm,0.3s				pmax	pmax	
BVAR	comp=N,2.0nm,0.3s				MLR	MLR	
BVAR	comp=N,2um,21.3s				MLR	MLR	
BRVK	Borovyoye	14.65	2	flP	Pn	16 29 47.1	-3.8
BRVK	comp=Z,693nm,1.4s				flS		
BRVK	Borovyoye	14.65	2	iP	Pn	16 32 34.1	+2.0
BRVK	comp=Z,375nm,1.2s				Sn	16 32 47.2	-3.8
BRVK	Borovyoye	14.65	2	eP	Pn	16 29 47.1	-3.8
BRVK	comp=Z,89nm,1.2s				pmax	pmax	
BRVK	Borovyoye	14.65	2	eP	Pn	16 29 47.1	-3.8
BRVK	comp=Z,515nm,1.3s						
WMQ	Urumqi	14.69	63	P	Pn	16 29 49.6	-2.1
WMQ	comp=Z,72nm,0.6s				pP	16 29 57.0	-0.5
WMQ	comp=Z,340nm,4.0s				eP	16 30 02.0	
WMQ	comp=Z,4um,4.0s				S	16 32 31.0	-2.3
WMQ	comp=Z,3um,3.8s				S	16 32 45.0	-6.5
WMQ	comp=Z,780nm,6.0s				SS	16 32 48.0	+2.2
WMQ	comp=Z,72nm,0.6s				PcP	16 35 03.0	+0.2

IVRN	Varamin	14.71	262	eP	Pn	16 29 49.8	-2.1
IR3	Iran Long-Peri	15.11	264	eP	Pn	16 29 56.0	-1.3
IMHD	Mahdasht	15.33	266	eP	Pn	16 29 57.7	-0.6
IBND	Bandar-abas	15.45	229	eP	P	16 30 04.0	-1.9
DANN	Dangsing	15.53	126	eP	Pn	16 29 58.4	-4.7
	comp=Z,56nm,1.4s						
IRS	Iran Long-Peri	15.53	264	eP	P	16 30 08.4	+1.4
KOLN	Koldanda	15.83	128	eP	Pn	16 30 01.3	-5.7
IRAZ	Razeghan	15.98	265	eP	Pn	16 30 06.4	-2.5
IPAR	Paris	16.11	243	eP	Pn	16 30 11.1	+0.5
GKN	Gorkha	16.32	125	eP	Pn	16 30 08.2	-5.0
ISRV	Sharvestan	16.34	241	eP	Pn	16 30 14.0	+0.5
BHPL	Bhopal	16.56	154	eP	Pn	16 30 15.3	-0.8
BHPL	Bhopal	16.56	154	eP	Pn	16 30 06.5	-5.8
BANOM	Banah	16.75	226	flP	Pn	16 30 18.3	-0.1
	SNR=30						
KKN	Kakani	16.89	124	eP	Pn	16 30 14.4	-5.9
DMN	Daman	16.90	125	eP	Pn	16 30 15.3	-5.2
	comp=Z,470nm,1.2s						
IKAZ	Kazeroun	17.00	245	eP	Pn	16 30 21.3	-0.6
PKIN	Pulchoki	17.11	125	eP	Pn	16 30 17.8	-5.3
	comp=Z,945nm,1.3s						
PKI	Pulchoki	17.12	125	eP	Pn	16 30 17.8	-5.3
	comp=Z,1um,1.4s						
GUN	Gumba	17.20	123	eP	Pn	16 30 18.8	-5.6
	comp=Z,2um,1.2s						
ISRB	Israh	17.23	275	eP	Pn	16 30 23.5	-1.2
MAK	Makhachkala	17.31	292	eP	P	16 30 28.0	+1.5
MAK	MAK				S	16 33 43.0	-1.9
MAK	MAK				pmax	pmax	
MAK	comp=Z,37nm,0.4s				MLR	MLR	
MAK	comp=Z,11um,14.0s				MLR	MLR	
UOSS	Wadi Hilu	17.57	224	Pn	Pn	16 30 28.9	+0.3
	comp=Z,185nm,1.4s,SNR=11						
IHRS	Arais	17.65	277	eP	Pn	16 30 30.5	-0.1
HATD	Hatta, Dubai	17.70	224	flP	Pn	16 30 30.6	+0.3
	SNR=5.2						
NAZ	Nazwa, Dubai	17.84	225	flP	P	16 30 32.6	+0.2
	SNR=23						
ASHO	Ashyatiata	17.86	224	flP	Pn	16 30 32.4	+0.1
	SNR=44						
IBST	Bostanabad	17.86	275	eP	Pn	16 30 32.2	-0.1
FAQ	Al Faqa, Dubai	18.07	225	flP	Pn	16 30 34.6	-0.2
	SNR=18						
HOQ	Hotan	18.11	219	flP	P	16 30 35.7	+0.3
	SNR=7.5						
WBK	Wadi Bani Khal	18.19	213	flP	P	16 30 37.0	+0.7
	SNR=7.1						
SMDO	Samad	18.20	216	flP	Pn	16 30 35.9	-0.7
	SNR=3						
ASUD	Al Ashudh, Dub	18.31	225	flP	Pn	16 30 38.0	+0.3
	SNR=31						
RAMM	Ramite	18.32	124	eP	P	16 30 33.1	-4.9
	comp=Z,705nm,1.1s						
ITBZ	Tabriz	18.36	277	eP	Pn	16 30 38.2	-0.1
IAZR	Azarshahr	18.58	275	eP	Pn	16 30 42.5	+1.3
IMRD	Marand	18.65	278	eP	Pn	16 30 42.4	+0.4
IVIS	Veis	18.66	265	eP	Pn	16 30 42.4	+0.3
ARQ	Araji	18.71	220	flP	Pn	16 30 42.8	+0.2
	SNR=13						
ZALV	Zalesovo Beam	18.72	29	P	P	16 30 39.5	-2.4
	comp=Z,5.2nm,0.3s,baz=224,slow=12,SNR=169						

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Table with columns for station code, name, frequency, and signal strength. Includes stations like MOS, PRD, CHTO, CHTO, CRAI, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like PRD, CHTO, CRAI, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like MMB, KWP, KWP, etc.

3d 16h

Table with columns: Code, Name, Time, Status, Direction, Value, and other details. Includes entries like Ganghwa, Stuetta, Ibbnburen, Aaknes, etc.

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Table with columns: Code, Name, Time, Status, Direction, Value, and other details. Includes entries like YHNB, BEBN, SSSL, KSDGY, etc.

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Table with columns: Code, Name, Time, Status, Direction, Value, and other details. Includes entries like Danmarks Havn, Pangkal Pinang, Yuzh-Sakhalin, etc.

PET	comp=Z,41nm,1.7s	MLR	MLR						
PET	comp=Z,400nm,17.0s	PFAKE	LR	16 36 40.0	+11				
PET	Petropavlovsk	59.95 44	PFAKE	LR					
RTC	comp=Z,224nm,19.0s	PFAKE	LR	16 36 40.0	+9.2				
RTC	Rabat Centre	60.15 291	PFAKE	LR					
PCI	comp=Z,1µm,22.0s	P	P	16 36 38.4	+4.9				
ABPO	Palu	60.52 118	PFAKE	LR					
ABPO	Ambohimpalom	60.65 204	PFAKE	LR					
ABPO	comp=Z,469nm,21.0s	LR	LR						
MRSI	Maris	61.02 115	P	P	16 36 37.9	+1.0			
APSI	comp=Z,38nm,1.1s,comp=Z,956nm	P	P						
KMSI	Ampana	61.79 116	P	P	16 36 43.9	+1.8			
KAPI	Cibinong	62.41 113	P	P	16 36 49.9	+3.6			
KAPI	Kappang	63.44 121	PFAKE	LR					
KAPI	comp=Z,298nm,19.0s	LR	LR						
ILULI	luilisat	64.21 340	iP	P	16 36 57.8	+0.4			
TORD	comp=Z,790nm,16.0s	P	P						
TORD	Torodi Ar. Bea	64.65 267	P	P	16 37 00.5	-0.5			
TORD	comp=Z,31nm,1.1s,baz=64,slow=6.6,SNR=97	LR	LR						
TORD	comp=Z,158nm,18.4s,baz=60,slow=38	LR	LR						
TORD	Torodi Ar. Sit	64.66 267	ePK	P	16 37 00.8	-0.4			
TNTI	Ternate	64.74 111	P	P	16 37 03.6	+1.9			
TNTI	Ternate	64.74 111	eP	P	16 37 01.1	-0.5			
SFJD	Kangerlussuaq	65.55 338	PFAKE	LR					
SFJD	comp=Z,727nm,20.0s	LR	LR						
SANI	Sanana	65.67 114	P	P	16 37 11.3	+3.7			
LBMI	Lubaha	65.79 112	P	P	16 37 13.0	+4.5			
LSZ	Lusaka	65.99 224	eP	P	16 37 10.1	+0.3			
LSZ	comp=Z,36nm,1.4s	LR	LR						
PMOZ	comp=Z,373nm,19.0s	LR	LR						
PMOZ	Porto Moniz, M	68.20 295	eS	S	16 46 29.9	+7.8			
PMOZ	Porto Moniz, M	68.20 295	eLR	LR	17 00 10.8				
SWI	comp=Z,215nm,20.0s	P	P						
SWI	Sorong	68.71 109	P	P	16 37 26.9	-0.1			
SWI	comp=Z,44nm,1.4s,comp=Z,2.0µm	PP	PP						
COLD	Coldfoot	70.43 15	eP	P	16 37 36.4	-0.4			
COLD	comp=Z,45nm,1.1s	LR	LR						
AMKA	Amchitka	71.58 38	eP	P	16 37 43.2	-0.8			
AMKA	comp=Z,195nm,1.2s	LR	LR						
INK	Inuvik	72.19 9	eP	P	16 37 47.6	+0.2			
INK	comp=Z,51nm,1.1s	LR	LR						
BPAW	Bear Paw Mtn.	72.91 17	eP	P	16 37 51.1	-0.7			
COLA	College	72.95 16	iP	P	16 37 51.6	-0.3			
COLA	comp=Z,255nm,1.7s	LR	LR						
COLA	College	72.95 16	eP	P	16 37 51.9	0.0			
COLA	comp=Z,127nm,1.6s	LR	LR						
ILAR	Eielson Array	73.24 15	P	P	16 37 52.8	-0.9			
ILAR	comp=Z,5.9nm,1.0s,baz=322,slow=5.4,SNR=38	PP	PP						
ILAR	comp=Z,2.4nm,1.1s,baz=325,slow=7.8,SNR=2.8	LR	LR						
TRF	comp=Z,380nm,18.7s,baz=326,slow=39	PP	PP						
TRF	Thorofre Moun	73.63 17	eP	P	16 37 55.7	-0.5			
PPLA	Purkeypile	73.64 19	eP	P	16 37 55.7	-0.5			
PPLA	comp=Z,142nm,1.7s	LR	LR						
DBIC	Dimbokro	73.68 266	P	P	16 37 56.4	-0.6			
DBIC	comp=Z,10.0nm,0.6s,baz=29,slow=7.0,SNR=15	LR	LR						
DBIC	Dimbokro	73.68 266	P	P	16 37 56.4	-0.6			
DBIC	comp=Z,10.0nm,0.6s	MLR	MLR						
MCK	McKinley	73.70 17	eP	P	16 37 55.8	-0.7			
MCK	comp=Z,20nm,1.2s	LR	LR						
KIC	Kosan Boka	73.78 265	eP	P	16 37 57.5	-0.2			
TIC	Toumoudi	73.82 266	eP	P	16 37 57.6	-0.3			
LIC	Lamto	74.08 265	eP	P	16 37 59.2	-0.3			
EGAK	Eagle	74.34 13	eP	P	16 38 00.0	-0.2			
EGAK	comp=Z,77nm,1.7s	LR	LR						
SMPI	Sarmi	75.05 105	P	P	16 38 08.0	+3.0			
PAX	Paxson	75.13 16	eP	P	16 38 04.2	-0.7			
PAX	comp=Z,59nm,1.4s	LR	LR						
TSUM	Tsumeb	75.23 230	eP	P	16 38 06.3	+0.3			
TSUM	comp=Z,60nm,1.5s	LR	LR						
PMR	Palmer	75.50 18	eP	P	16 38 06.7	-0.2			
PMR	comp=Z,220nm,19.0s	LR	LR						
SML	Sawmill	75.51 18	eP	P	16 38 06.4	-0.6			
SML	comp=Z,14nm,0.7s	LR	LR						
MENT	comp=Z,25nm,1.4s	LR	LR						
MENT	Redoubt South	75.52 15	P	P	16 38 07.4	+0.4			
MENT	Redoubt South	75.54 20	eP	P	16 38 06.7	-0.7			
RC01	Rabbit Creek A	75.79 19	eP	P	16 38 08.3	-0.2			
RC01	comp=Z,35nm,0.9s	LR	LR						
GENI	Gienym	76.54 104	P	P	16 38 15.7	+2.1			
DIV	Divide	76.70 17	eP	P	16 38 13.2	-0.7			
SEW	Seward	76.71 19	eP	P	16 38 13.6	-0.1			
SEW	comp=Z,68nm,1.5s	LR	LR						
BMRM	Bremner River	77.10 16	eP	P	16 38 16.1	+0.1			
BMRM	comp=Z,66nm,1.3s	LR	LR						
KDAK	Kodiak Island	77.84 22	P	P	16 38 20.5	+0.3			
KDAK	comp=Z,248nm,1.5s,SNR=5.6	LR	LR						
KDAK	Kodiak Island	77.84 22	iP	P	16 38 21.1	+0.9			
KDAK	Kodiak Island	77.84 22	eP	P	16 38 19.5	-0.7			
KDAK	comp=Z,180nm,1.6s	LR	LR						
OHAK	Old Harbor	78.11 22	eP	P	16 38 21.4	-0.2			
OHAK	comp=Z,137nm,1.6s	LR	LR						
BOSA	Boshof	78.50 219	P	P	16 38 24.1	-0.1			
BOSA	comp=Z,9.5nm,0.8s,baz=23,slow=5.8,SNR=16	LR	LR						
BOSA	comp=Z,215nm,19.8s,baz=28,slow=37	LR	LR						
BOSA	Boshof	78.50 219	P	P	16 38 24.2	-0.1			
BOSA	comp=Z,10.0nm,0.8s	MLR	MLR						
YKA	Yellowknife Ar	79.37 2	P	P	16 38 28.2	-0.3			
YKA	comp=Z,6.8nm,0.5s,baz=351,slow=5.6,SNR=44	LR	LR						
YKA	Yellowknife Ar	79.37 2	P	P	16 38 28.2	-0.3			
YKA	comp=Z,7.0nm,0.5s	MLR	MLR						
SCHO	Schefferville	79.88 336	P	P	16 38 31.1	-0.3			
SCHO	comp=Z,9.2nm,0.8s,baz=60,slow=6.5,SNR=11	LR	LR						
SCHO	comp=Z,325nm,20.3s,baz=86,slow=36	LR	LR						
SKAG	Skagway	80.31 13	eP	P	16 38 34.3	+0.6			
DLBO	comp=Z,56nm,1.4s	LR	LR						
DLBO	Dease Lake	82.12 10	eP	P	16 38 43.8	+0.4			
SACV	Santiago Islan	83.28 284	PFAKE	LR					
SACV	comp=Z,436nm,20.0s	LR	LR						
NWAO	comp=Z,251nm,19.0s	LR	LR						
NWAO	Narogin (SRO)	83.69 141	P	P	16 38 50.3	-1.3			
NWAO	comp=Z,5.8nm,0.6s,baz=328,slow=3.9,SNR=7.0	LR	LR						
NWAO	Narogin (SRO)	83.69 141	P	P	16 38 50.3	-1.3			
NWAO	comp=Z,6.0nm,0.6s	MLR	MLR						
WRAK	Wrangell Islan	83.71 12	eP	P	16 38 52.3	+0.8			
WRAK	comp=Z,39nm,1.2s	LR	LR						
SUR	Sutherland	83.78 220	PFAKE	LR					
SUR	comp=Z,654nm,19.0s	LR	LR						
WRA	Warramunga Arr	83.97 121	P	P	16 38 52.5	-0.9			
WRA	comp=Z,35nm,1.0s,baz=328,slow=5.8,SNR=69	LR	LR						
WRA	comp=Z,0.6nm,0.6s,baz=131,slow=2.3,SNR=9.7	LR	LR						
WRAB	comp=Z,84nm,22.0s,baz=250,slow=39	LR	LR						
WRAB	Tennant Creek	83.97 121	P	P	16 38 53.0	-0.4			
WRAB	comp=Z,367nm,1.5s,SNR=14	LR	LR						
WRAB	Tennant Creek	83.97 121	iP	P	16 38 52.5	-0.9			
WRAB	comp=Z,323nm,1.7s	MLR	MLR						

WRAB	Tennant Creek	83.97 121	eP	P	16 38 52.8	-0.6			
WRAB	comp=Z,112nm,1.3s	LR	LR						
COEN	Coen	86.17 111	eP	P	16 39 04.4	-0.2			
COEN	comp=Z,86nm,1.2s	LR	LR						
PMG	Port Moresby	86.22 105	P	P	16 39 04.9	+0.1			
PMG	comp=Z,38nm,1.0s,baz=277,slow=8.1,SNR=3.8	LR	LR						
PMG	Port Moresby	86.22 105	eP	P	16 39 06.2	+1.4			
PMG	comp=Z,105nm,1.0s	MLR	MLR						
ASAR	Alice Springs	86.29 124	P	P	16 39 04.3	-0.6			
ASAR	comp=Z,24nm,1.0s,baz=309,slow=4.2,SNR=76	LR	LR						
ASAR	comp=Z,0.6nm,0.8s,baz=129,slow=2.6,SNR=7.7	LR	LR						
ASAR	comp=Z,67nm,20.6s,baz=313,slow=4.1	LR	LR						
FFC	Flin Flon	86.94 355	P	P	16 39 07.1	-0.6			
FFC	comp=Z,106nm,1.2s,SNR=5.5	LR	LR						
FFC	Flin Flon	86.94 355	eP	P	16 39 07.6	-0.1			
FFC	comp=Z,57nm,1.5s	LR	LR						
FORT	Forrest	87.82 133	eP	P	16 39 12.1	-0.1			
FORT	comp=Z,119nm,1.2s	LR	LR						
EDM	Edmonton	88.69 2	eP	P	16 39 16.6	+0.4			
EDM	comp=Z,32nm,0.6s	LR	LR						
MIDW	Midway	88.89 54	PFAKE	LR					
MIDW	comp=Z,411nm,19.0s	LR	LR						
ULM	Lac du Bonnet	90.78 351	P	P	16 39 25.8	-0.1			
ULM	comp=Z,2.5nm,0.5s,baz=13,slow=5.2,SNR=6.2	LR	LR						
ULM	Lac du Bonnet	90.78 351	P	P	16 39 25.8	-0.1			
ULM	comp=Z,582nm,18.9s,baz=9.5,slow=38	MLR	MLR						
ULM	comp=Z,3.0nm,0.5s	MLR	MLR						
LONY	Lake Ozonia	91.22 335	PFAKE	LR					
LONY	comp=Z,329nm,20.0s	LR	LR						
NCB	Newcomb	91.68 335	PFAKE	LR					
NCB	comp=Z,325nm,20.0s	LR	LR						
EYMN	Ely	92.37 347	PFAKE	LR					
EYMN	comp=Z,760nm,21.0s	LR	LR						
CTA	Charters Tower	92.38 114	P	P	16 39 33.9	+0.2			
CTA	comp=Z,64nm,1.1s,baz=313,slow=6.0,SNR=20	LR	LR						
CTA	Charters Tower	92.38 114	P	P	16 39 33.9	+0.2			
CTA	comp=Z,64nm,1.1s	LR	LR						
CTA	Charters Tower	92.38 114	eP	P	16 39 33.0	-0.7			
CTA	comp=Z,135nm,1.3s	LR	LR						
AGMN	Agassiz Nation								

ISCJB 03 17:51:29.0, 1.7, 4.95S; 0.08x134.1E; 0.3, h28km, mb3.7/1, Error ellipse: s-maj=40.5km s-min=8.2km az=167.8
 IDC 03 17:51:28.6, 3.8, 5.22S; 133.33E, h0km, mb3.8/1, mb1 3.6/3, mb1mx3.4/18, mbtmp3.4/3, ML3.2/2, Error ellipse: s-maj=190.3km s-min=14.9km az=81.0
 AUST 03 17:51:35.4, 4.96S; 133.53E, h0km
 ISC 03 17:51:31.7, 2.0, 5.05S; 0.1x133.9E; 0.4, h28km, n9, #1880/10, Aru Islands region

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
FAKI	Fak Fak	2.66 321	P	Pn	17 52 11.9	-0.9
SWI	Sorong	4.90 327	P	Pn	17 52 44.0	+0.4
KDU	Kakadu	7.75 190	P	Pn	17 53 25.0	+2.3
MTN	Manton Dam	8.24 199	P	Pn	17 53 32.6	+3.1
KNRA	Kunurra	11.74 205	P	Pn	17 54 18.1	+0.7
WRA	Warramunga Arr	14.84 178	Pn	Pn	17 54 57.8	-2.0
WRA	Warramunga Arr	14.84 178	Pn	Pn	17 54 57.8	-2.0
FITZ	Fitzroy Crossi	15.31 211	P	Pn	17 55 06.8	+0.8
ASAR	Alice Springs	18.54 180	P	Pn	17 55 46.5	-0.1
ASAR	Makanchi Array	68.79 327	P	P	18 02 33.4	0.0

IDC 03 18:03:02.4, 2.2, 7.64S; 129.68E, h0km, mb3.1/1, mb1 3.4/3, mb1mx3.2/24, mbtmp3.2/3, ML3.1/2, Error ellipse: s-maj=106.2km s-min=30.0km az=68.0, Banda Sea

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
WRA	Warramunga Arr	13.04 160	Op	Pn	18 06 08.3	-0.8
WRA	Warramunga Arr	13.04 160	Op	Pn	18 06 08.3	-0.8
ASAR	Alice Springs	16.44 166	Pn	Pn	18 06 55.4	+0.6
MKAR	Makanchi Array	68.58 327	P	P	18 14 07.2	0.0

IDC 03 18:13:14.2, 0.7, 22.22S; 170.41E, h0km, mb4.2/13, mb1 4.4/14, mb1mx3.2/23, mbtmp4.3/14, ML4.4/1, MS3.7/19, Ms1 3.7/19, mb1mx1.3/37, Error ellipse: s-maj=20.7km s-min=18.5km az=120.0

ISCJB 03 18:13:17.9, 0.5, 22.20S; 0.07x170.35E; 0.07, h33km, mb4.5/24, MS3.7/15, Error ellipse: s-maj=11.1km s-min=8.2km az=31.5

NEIC 03 18:13:18.3, 3.5, 22.26S; 170.38E, h26km, 36km, mb4.8/14, Error ellipse: s-maj=17.6km s-min=8.8km az=60.0

AUST 03 18:13:24.6, 20.98S; 172.67E, h300km, h38km, pP-P, n70, #127/64, mb4.6/24, MS3.6/15, 1C-1D, Southeast of Loyalty Islands

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
DZM	Mont Dzumac	3.64 273	Op	Pn	18 14 12.0	-1.5
DZM	Mont Dzumac	3.64 273	Op	Pn	18 14 12.0	-1.5
DZM	Mont Dzumac	3.64 273	Op	Pn	18 14 12.0	-1.5
MSVF	Nonsavu	8.53 59	ePn	Pn	18 15 14.5	-6.2
RAO	Raoul Island	12.63 126	LR	LR	18 20 02.7	
HNR	Honiara	16.23 320	LR	LR	18 22 50.9	
URZ	Urewéa	16.95 161	LR	LR	18 22 09.4	
SNZO	South Karori	19.32 170	eP	Pn	18 17 42.9	0.0
RMQ	Roma	20.11 254	P	Pn	18 17 55.0	+2.5
RPZ	Rata Peaks	21.38 179	P	P	18 18 04.4	+0.4
RPZ	Rata Peaks	21.38 179	P	P	18 18 04.4	+0.4
CTA	Charters Tower	22.58 271	P	P	18 18 17.8	+0.7
CTA	Charters Tower	22.58 271	P	P	18 18 17.8	+0.7
CMSA	Cobar Meteorol	23.81 242	P	P	18 18 30.8	+1.5
QLP	Quilpie	24.15 255	P	P	18 18 34.7	+2.2
MTSU	Mount Surprise	24.77 275	P	P	18 18 39.9	+1.6
PMG	Port Moresby	25.68 296	LR	LR	18 27 23.8	
PMG	Port Moresby	25.68 296	LR	LR	18 27 23.8	
STKA	Stephens Creek	27.27 243	P	P	18 18 48.3	+1.6
STKA	Stephens Creek	27.27 243	P	P	18 18 48.3	+1.6
RAR	Rarotonga	27.74 93	LR	LR	18 27 32.2	
TAU	Tasmania Univ	28.12 218	P	P	18 19 08.4	+0.2
ASAR	Alice Springs	33.54 260	P	P	18 19 55.5	-0.9
ASAR	Alice Springs	33.54 260	P	P	18 19 55.5	-0.9
WRAB	Tennant Creek	33.63 267	eP	Pn	18 19 56.5	-0.6
WRA	Warramunga Arr	33.64 267	P	Pn	18 19 56.0	-1.2
WRA	Warramunga Arr	33.64 267	P	Pn	18 19 56.0	-1.2
JAY	Jayapura	34.86 300	LR	LR	18 33 58.1	
PPT	Papeete	37.88 90	P	P	18 31 26.6	
WRKA	Warakura	38.52 257	P	P	18 20 39.1	+0.2
GUMO	Guam	43.54 323	LR	LR	18 36 02.3	
MBWA	Marble Bar	46.87 261	eP	Pn	18 21 46.2	-0.5
MEEK	Meekeatharra	47.05 254	P	P	18 21 49.0	+1.0
VNDA	Vanda	55.44 182	P	P	18 22 49.9	-0.3
SBA	Scott Base	55.65 181	eP	Pn	18 22 52.5	+0.9
CASY	Casey	57.78 204	eP	Pn	18 23 05.9	-1.0
KKM	Kota Kinabalu	60.09 291	P	P	18 23 24.6	+1.3
KSM	Kuching	63.09 284	P	P	18 23 40.0	-0.1
MJAR	Matsushiro Arr	65.92 332	P	P	18 23 59.7	-2.4
MJAR	Matsushiro Arr	65.92 332	P	P	18 23 59.7	-2.4
MAJO	Matsushiro	65.92 332	eP	Pn	18 24 02.0	-0.1
YHNB	Yeheng	66.64 312	eP	Pn	18 24 07.9	+0.9
JUNJ	Junakutsue	66.74 324	LR	LR	18 52 51.5	
QSPA	South Pole Qui	67.78 180	eP	Pn	18 24 13.7	-0.1
KSRS	Korea Array	71.60 326	P	P	18 24 37.9	+0.5
KSAR	Koror Array Be	71.61 326	P	P	18 24 37.9	+0.4
PSI	Prapat	73.97 280	LR	LR	19 00 16.5	
PETK	Petropavlovsk-	75.88 352	LR	LR	18 52 54.2	

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
MAW	Mawson	76.02 202	P	P	18 25 03.0	0.0
CMAR	Chiang Mai Arr	80.71 294	P	P	18 25 30.9	+1.2
SNAAS	Sanae	86.17 182	P	P	18 25 56.2	-0.8
SNAAS	Sanae	86.17 182	eP	Pn	18 25 55.5	-1.5
VNA2	Neumayer-Watz	87.03 181	P	P	18 26 00.7	-0.4
VNA1	Neumayer-Stat	87.31 180	P	P	18 26 02.6	+0.1
NVAR	Mina Array Bea	90.03 48	P	P	18 26 14.5	-1.6
SONR	Songio Array	90.27 323	P	P	18 26 17.8	+0.9
ILAR	Eielson Array	92.82 17	P	P	18 26 28.3	+0.2
TXAR	Lajitas Array	97.29 61	LR	LR	19 03 34.8	
BDFB	Brasilia	126.76 32	PKP	PKPdf	18 32 21.4	+0.9
FINES	FINES Array B	128.27 345	PKP	PKPdf	18 32 21.9	+0.2
FINES	FINES Array B	128.27 345	PKP	PKPdf	18 32 20.2	-0.3
FINES	FINES Array B	128.27 345	PKP	PKPdf	18 32 32.0	-0.3
HFS	Hagley	138.77 342	PKP	PKPdf	18 32 40.2	-1.4
KRLC	Kragly	145.36 330	ePKP	PKPab	18 32 55.2	+1.4
KRLC	Kragly	145.36 330	ePKP	PKPab	18 33 01.2	-3.4
DPC	Dobruska-Polom	145.38 330	ePKP	PKPab	18 32 55.4	+1.5
DPC	Dobruska-Polom	145.38 330	ePKP	PKPab	18 32 57.5	-0.7
UPC	Upiece	145.41 331	ePKP	PKPab	18 32 55.5	+1.6
UPC	Upiece	145.41 331	ePKP	PKPab	18 33 01.4	-3.2
UPC	Upiece	145.41 331	ePKP	PKPab	18 33 03.8	
VRAC	Vranov	145.98 329	PKPbc	PKPab	18 32 55.9	-0.2
PVCC	Panska Ves	146.04 332	ePKP	PKPab	18 32 57.3	+1.1
PVCC	Panska Ves	146.04 332	ePKP	PKPab	18 33 06.7	+1.0
BRG	Bergsjuehbel	146.05 333	ePKP	PKPab	18 32 57.3	+1.1
CLL	Collin	146.11 334	iPKPbc	PKPab	18 32 57.4	+0.9
CLL	Collin	146.11 334	iPKPbc	PKPab	18 33 04.1	-1.6
CLL	Collin	146.11 334	iPKPbc	PKPab	18 33 22.7	
PRUC	Pruhonic	146.45 331	ePKP	PKPab	18 32 58.3	+0.5
PRUC	Pruhonic	146.45 331	ePKP	PKPab	18 33 05.5	+0.1
EKA	Eskdalemuir Arr	146.64 353	PKPbc	PKPbc	18 32 57.1	-0.1
KHC	Kasperske Hory	147.50 331	ePKP	PKPab	18 33 02.9	+0.9
KHC	Kasperske Hory	147.50 331	ePKP	PKPab	18 33 05.1	-3.1
GERES	GERES Array B	147.66 331	PKPbc	PKPbc	18 32 59.2	-1.3
WTTA	Wattenberg	149.71 331	iPKPbc	PKPab	18 33 09.6	-1.8
DAVOX	Davos/Dischmat	150.96 332	PKPbc	PKPbc	18 33 09.4	+0.6

IDC 03 18:28:19.3, 1.2, 5.82S; 100.21E, h0km, mb3.8/4, mb1 3.8/7, mb1mx3.6/40, mbtmp3.8/7, ML3.6/3, MS3.3/1, Ms1 3.3/1, mb1mx2.6/29, Error ellipse: s-maj=56.1km s-min=22.8km az=66.0, Banda Sea

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
SIJI	Sorong	5.03 12	Pn	Pn	18 29 34.8	-1.3
SIJI	Sorong	5.03 12	Pn	Pn	18 29 34.8	-1.3
WRA	Warramunga Arr	14.60 164	Pn	Pn	18 31 45.2	-2.2
WRA	Warramunga Arr	14.60 164	Pn	Pn	18 31 45.2	-2.2
ASAR	Alice Springs	18.10 169	Pn	Pn	18 32 32.9	+0.1
ASAR	Alice Springs	18.10 169	Pn	Pn	18 32 32.9	+0.1
CTA	Charters Tower	21.08 134	P	P	18 33 05.7	+0.3
HNR	Honiara	29.69 99	LR	LR	18 46 29.6	
MKAR	Makanchi Array	67.36 326	P	P	18 39 16.9	+0.6
ZALV	Zalesovo Beam	70.62 334	P	P	18 39 36.0	-0.5
KURB	Kurchatov Arr	71.62 328	P	P	18 39 42.8	+0.2

MOS 03 18:31:40.5, 1.3, 5.4; 82N; 160.07E, h144km, mb4.2/25, Error ellipse: s-maj=9.6km s-min=4.8km az=76.0

BUI 03 18:31:40.3, 54.91N; 159.79E, h127km, mb4.6/16, mb4.7/14

KRSC 03 18:31:40.5, 0.7, 54.70N; 160.40E, h123km, 7km, ML4.6

ISCJB 03 18:31:40.9, 0.1, 54.84N; 0.02x159.90E; 0.04, h138km, 1km, mb4.3/97, Error ellipse: s-maj=4.4km s-min=2.3km az=38.3

NEIC 03 18:31:41.4, 0.1, 54.98N; 159.74E, mb4.6/64, Error ellipse: s-maj=5.5km s-min=3.0km az=156.0

IDC 03 18:31:41.4, 0.5, 54.99N; 159.74E, h128km, 4km, mb3.9/37, mb1 4.1/38, mb1mx4.0/59, mbtmp4.3/38, MS3.2/4, Ms1 3.2/4, ms1mx2.8/53, Error ellipse: s-maj=10.7km s-min=7.6km az=148.0

ISC 03 18:31:41.0, 0.3, 54.77N; 0.02x160.15E; 0.03, h130km, 2km, h129km, pP-P, n509, #161/601, mb4.4/97, 2C-9D, Near east coast of Kamchatka Peninsula

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
KZV	Kizimen	0.36 13	eP	Pn	18 31 59.9	+0.4
KZV	Kizimen	0.36 13	eP	Pn	18 32 13.1	-0.5
TUMR	Tumrok	0.52 360	eP	Pn	18 32 01.1	+0.8
TUMR	Tumrok	0.52 360	eP	Pn	18 32 15.1	+0.2
TUMR	Tumrok	0.52 360	eP	Pn	18 32 15.1	+0.2
KII	Karymskiy	0.84 210	eP	Pn	18 32 15.2	+0.7
KII	Karymskiy	0.84 210	eP	Pn	18 32 19.2	+0.4
KII	Karymskiy	0.84 210	eP	Pn	18 32 19.2	+0.4
MKZ	Mys Kozlova	0.94 102	eP	Pn	18 32 17.9	-2.7
MKZ	Mys Kozlova	0.94				

3d 18h

Table with columns for call letters, name, frequency, power, and other technical details. Includes entries like MAJO Matushiro, MJAR Matushiro Arr, MJAR Matushiro Arr, etc.

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Table with columns for call letters, name, frequency, power, and other technical details. Includes entries like KURBB, MKAR Makanchi Array, MKAR Makanchi Array, etc.

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Table with columns for call letters, name, frequency, power, and other technical details. Includes entries like G20A Bridger, H19A Powell, E22A Miles City, etc.

FINES	comp=Z,1.0nm,0.6s	pmx	pmx	BGNE	Belgrade	63.34	56	P	P	18 41 57.7 +1.8	V37A	Hulbert	69.14	57	P	P	18 42 33.8 +0.9			
FINES	comp=Z,1.0nm,0.9s	pmx	pmx	Q28A	Sharon Springs	63.35	60	P	P	18 41 57.7 +1.6	329A	Wagon Wheel Ra	69.16	65	P	P	18 42 34.4 +1.3			
K23A	Bowen Ranch, D	58.68	59	P	P	18 41 26.3 +1.7	O30A	NW Ranch, Wils	63.37	58	P	P	18 41 57.8 +1.7	W36A	Wetumka	69.20	58	P	P	18 42 34.5 +1.2
D30A	Buchanan	58.73	52	P	P	18 41 26.5 +1.8	R27A	Eads	63.46	61	P	P	18 41 58.5 +1.7	SFIN	Scholer Farm	69.22	49	P	P	18 42 33.8 +0.4
J54A	Dixon Ranch, L	58.73	58	P	P	18 41 26.8 +1.8	T25A	Trinidad	63.51	63	P	P	18 41 58.5 +1.2	230A	Sterling City	69.29	64	P	P	18 42 35.3 +1.3
C1S	Catalina Islan	58.75	75	P	P	18 41 27.4 +2.3	M33A	Taylor Creek F	63.67	55	P	P	18 41 59.0 +1.0	Y34A	Reagan Ranch,	69.38	60	P	P	18 42 35.7 +1.3
SRU	San Rafael	58.84	65	eP	P	18 41 27.9 +2.1	L34A	Svendsen Farm,	63.75	54	P	P	18 41 59.7 +1.1	EKA	Eskdalemuir Ar	69.41	350	P	P	18 42 33.7 -0.6
HEC	Hector,Ludlow	58.86	73	P	P	18 41 28.0 +2.2	P30A	Selden	63.76	58	P	P	18 42 00.3 +1.6	EKA	Eskdalemuir Ar	69.41	350	P	P	18 42 33.7 -0.6
H27A	Howes	59.02	56	P	P	18 41 28.8 +2.0	N32A	Stulken Farm,	63.77	56	P	P	18 41 59.8 +1.0	EKA	Eskdalemuir Ar	69.41	350	P	P	18 42 33.7 -0.6
K24A	Anderson Ranch	59.11	59	P	P	18 41 28.8 +1.8	TUC	Tyson	63.80	71	eP	P	18 42 00.4 +1.3	X35A	Drake	69.42	59	P	P	18 42 36.1 +1.4
J25A	Sunshine Ranch	59.11	58	P	P	18 41 29.0 +1.5	T26A	Comanche Natio	63.90	62	P	P	18 42 01.0 +1.1	ABTX	Abilene, Hawle	69.47	62	P	P	18 42 36.5 +1.4
E30A	Jud	59.11	52	P	P	18 41 28.5 +1.1	Q29A	Okley	63.91	59	P	P	18 42 00.9 +1.2	V38A	Canehill	69.51	57	P	P	18 42 36.1 +0.9
AGMN	Agassiz Nation	59.13	49	P	P	18 41 28.6 +1.2	R28A	Tribune	63.91	60	P	P	18 42 01.2 +1.4	X36A	Centrahoma	69.59	59	P	P	18 42 37.3 +1.6
F29A	Eureka	59.19	53	P	P	18 41 29.7 +1.8	ANMO	Albuquerque	64.11	66	eP	P	18 42 03.2 +1.9	330A	Mertzton	69.64	64	P	P	18 42 37.9 +1.7
G28A	Parade	59.25	55	P	P	18 41 30.1 +1.8	ANMO	Albuquerque	64.11	66	eP	P	18 42 02.9 +1.6	Z34A	Collier Ranch,	69.76	61	P	P	18 42 38.0 +1.2
GMRC	Granite Mounta	59.26	72	P	P	18 41 30.9 +2.2	SCHO	Schweville	64.15	28	P	P	18 42 00.8 -0.2	133A	Hamilton Ranch	69.86	62	P	P	18 42 39.1 +1.7
O20A	White River Ci	59.28	63	P	P	18 41 30.8 +1.9	LAZ	Ladron	64.17	67	eP	P	18 42 04.2 +2.5	429A	Davenport Ranc	69.88	65	P	P	18 42 39.9 +1.3
MURC	Murrieta	59.28	74	P	P	18 41 31.1 +2.4	O32A	Brockman Farm,	64.17	56	P	P	18 42 02.2 +0.8	TXAR	Lajitas Array	69.96	68	P	P	18 42 39.9 +1.7
I27A	Quinn	59.45	56	P	P	18 41 31.5 +1.7	R29A	Marienthal	64.18	60	P	P	18 42 03.1 +1.5	TXAR	Lajitas Array	69.96	68	P	P	18 42 39.9 +1.7
H28A	Mission Ridge	59.50	55	P	P	18 41 32.2 +2.2	P31A	Stockton	64.21	58	P	P	18 42 03.0 +1.4	TXAR	Lajitas Array	69.96	68	P	P	18 42 39.9 +1.7
J26A	Sides Ranch, S	59.52	57	P	P	18 41 32.3 +2.0	Q30A	Quinter	64.23	59	P	P	18 42 03.3 +1.6	TXAR	Lajitas Array	69.96	68	P	P	18 42 39.9 +1.7
G29A	Hoven	59.62	54	P	P	18 41 32.0 +1.1	T27A	Campo	64.43	62	P	P	18 42 04.7 +1.5	232A	Coleman	70.05	63	P	P	18 42 40.1 +1.5
BELC	Belle Mtn. Jos	59.65	73	P	P	18 41 33.3 +1.9	M35A	Neola	64.46	54	P	P	18 42 04.7 +1.5	W38A	Poteau	70.09	57	P	P	18 42 40.3 +1.5
K25A	Mack Ranch, Ha	59.66	58	P	P	18 41 32.2 +1.5	N34A	Lincoln	64.57	55	P	P	18 42 04.3 +0.4	430A	Baggett Ranch,	70.10	65	P	P	18 42 40.0 +1.0
PFO	Pinyon Flat Ob	59.69	74	P	P	18 41 33.5 +1.9	CBKS	Cedar Bluff	64.58	58	P	P	18 42 05.3 +1.3	529A	Stev Forest Ra	70.10	66	P	P	18 42 40.5 +1.6
N23A	Red Feather La	59.90	61	P	P	18 41 35.1 +2.0	O33A	Hebron	64.65	56	P	P	18 42 05.4 +0.9	331A	San Angelo	70.11	64	P	P	18 42 40.5 +1.5
H29A	Onida	59.91	54	P	P	18 41 34.1 +1.2	T28A	Walsh	64.70	61	P	P	18 42 06.0 +1.1	Z35A	Perchaven, San	70.13	60	P	P	18 42 40.2 +1.2
I28A	Midland	59.93	56	P	P	18 41 34.5 +1.5	R30A	Dighton	64.72	59	P	P	18 42 06.1 +1.1	Y36A	Durant	70.16	59	P	P	18 42 40.6 +1.4
KKM	Kota Kinabalu	59.98	233	eP	P	18 41 36.2 +2.5	S29A	Ulysses	64.81	60	P	P	18 42 07.2 +1.5	X38A	Whitesboro	70.26	58	P	P	18 42 41.1 +1.3
IRM	Iron Mountain	60.01	72	P	P	18 41 36.0 +2.3	U27A	Thompson Grove	64.82	67	P	P	18 42 07.4 +1.2	134A	White-Moore Ra	70.31	61	P	P	18 42 41.1 +0.9
G30A	Faulkton	60.04	53	P	P	18 41 35.0 +1.3	N35A	Tabor	64.96	54	P	P	18 42 08.1 +1.7	233A	Rising Star	70.33	62	P	P	18 42 41.3 +0.9
BC3	Big Chuckyawall	60.21	73	P	P	18 41 37.1 +1.9	O34A	Willams Farm,	64.99	55	P	P	18 42 07.6 +0.9	332A	Millersview	70.41	63	P	P	18 42 42.0 +1.2
MONP	Monument Peak	60.25	74	P	P	18 41 37.7 +2.1	Q32A	Meitler Ranch,	65.02	57	P	P	18 42 07.7 +0.8	Y37A	Hugo	70.42	59	P	P	18 42 41.7 +0.9
J28A	Allard Ranch,	60.33	56	P	P	18 41 37.6 +1.8	P30A	Willams Farm,	65.09	57	P	P	18 42 08.4 +1.1	431A	Sonora	70.51	64	P	P	18 42 42.8 +1.3
PDMO	Parker Dam,Lak	60.46	72	P	P	18 41 39.0 +2.4	S30A	Montezuma	65.13	60	P	P	18 42 08.6 +0.9	530A	J-C Ranch, Com	70.55	65	P	P	18 42 43.2 +1.5
SWSC	Sam W. Stewart	60.56	74	P	P	18 41 39.7 +2.4	U28A	Mallet	65.21	62	P	P	18 42 09.8 +1.5	432A	Menard	70.78	64	P	P	18 42 44.3 +1.2
IBP	Imperial Bould	60.60	74	P	P	18 41 39.9 +2.1	121A	Cookes Peak, D	65.26	68	P	P	18 42 10.8 +2.1	333A	Richland Sprin	70.84	63	P	P	18 42 44.8 +1.4
SMCO	Snowmass	60.65	63	eP	P	18 41 40.3 +1.8	O35A	Humboldt	65.30	55	P	P	18 42 10.2 +1.6	531A	Rocksprings	70.95	65	P	P	18 42 45.5 +1.3
Y12C	Blythe	60.66	72	P	P	18 41 40.6 +2.5	Q33A	Connelly Farm,	65.37	57	P	P	18 42 09.7 +0.6	MIAR	Mount Ida	70.97	57	P	P	18 42 45.2 +1.1
J29A	Okreek	60.78	55	P	P	18 41 40.5 +1.7	R32A	Long Quarter,	65.39	58	P	P	18 42 09.8 +0.5	JCT	Junction City	71.09	64	P	P	18 42 46.4 +1.4
K28A	Ten Mile Ranch	60.80	57	P	P	18 41 41.0 +2.0	P34A	Walnut Farm, R	65.42	56	P	P	18 42 10.3 +0.8	WHTX	Lake Whitney	71.09	61	P	P	18 42 45.8 +1.0
L27A	TS Ranch, Ells	60.81	58	P	P	18 41 40.9 +1.7	P35A	Duane Minner,	65.43	55	P	P	18 42 13.0 +0.9	334A	Lometa	71.22	62	P	P	18 42 47.0 +1.3
I30A	Oacoma	60.82	54	P	P	18 41 40.8 +1.7	R33A	Olander Ranch,	65.43	58	P	P	18 42 12.7 +0.5	433A	Art	71.24	63	P	P	18 42 47.1 +1.2
ISCO	Idaho Springs	60.88	62	P	P	18 41 42.2 +2.3	S32A	Newby Ranch, P	65.54	59	P	P	18 42 13.0 +0.8	532A	Rocksprings	71.32	64	P	P	18 42 47.7 +1.4
ISCO	Idaho Springs	60.88	62	eP	P	18 41 42.1 +2.3	O36A	Bolkow	65.55	54	P	P	18 42 13.1 +0.9	631A	Perdido Creek	71.53	65	P	P	18 42 49.0 +1.4
GLA	Glamis	61.01	73	P	P	18 41 43.1 +2.6	P36A	Good Intent, A	66.14	55	P	P	18 42 14.7 +0.6	434A	Burnet	71.62	63	P	P	18 42 49.4 +1.3
WUAZ	Wupatki	61.06	69	P	P	18 41 43.3 +2.3	GEYT	Alibek	66.22	302	P	P	18 42 13.2 -1.4	533A	Kerrville	71.81	64	P	P	18 42 50.9 +1.6
WUAZ	Wupatki	61.06	69	eP	P	18 41 42.0 +1.1	GEYT	Alibek	66.22	302	P	P	18 42 13.2 -1.4	632A	Uvalde	71.87	65	P	P	18 42 51.1 +1.5
J30A	Dallas	61.24	55	P	P	18 41 43.0 +1.1	X29A	Tulia	66.98	63	P	P	18 42 20.8 +1.2	534A	Blanco	71.72	63	P	P	18 42 52.3 +1.1
EYMN	Ely	61.27	47	P	P	18 41 42.9 +0.9	R36A	Goon, Harris	67.02	56	P	P	18 42 20.5 +0.9	732A	Lawn Ranch,	72.40	65	P	P	18 42 54.3 +1.6
N26A	Koester Ranch,	61.31	59	P	P	18 41 44.6 +2.1	S35A	Otter Creek Ra	67.14	57	P	P	18 42 20.9 +0.5	832A	Faith Ranch, C	72.75	65	P	P	18 42 56.5 +1.6
MVCO	Mesa Verde	61.32	65	P	P	18 41 44.7 +1.9	AKASG	Malin Array Be	67.20	329	P	P	18 42 18.8 -1.7	GERES	GERESS Array B	72.98	338	P	P	18 42 55.8 -0.2
H33A	Prehn Over Nor	61.48	52	P	P	18 41 45.4 +1.9	AKASG	Malin Array Be	67.20	329	P	P	18 42 18.8 -1.7	GERES	GERESS Array B	72.98	338	P	P	18 42 55.8 -0.2
J31A	Geddes	61.52	55	P	P	18 41 45.5 +1.0	U33A	Lim Farm, Me	67.24	59	P	P	18 42 22.0 +0.9	438A	Sam Houston St	73.09	61	P	P	18 42 58.9 +2.2
I32A	Karley and Nic	61.65	53	P	P	18 41 45.6 +1.0	X30A	Coker Ranch, T	67.41	62	P	P	18 42 23.7 +1.5	034A	Hebronville	74.41	65	P	P	18 43 06.9 +2.4
N27A	Anderson Farm,	61.67	59	P	P	18 41 46.8 +1.9	U34A	Anderson Ranch	67.53	58	P	P	18 42 23.7 +0.9	936A	North Padre Is	74.84	64	P	P	18 43 08.1 +1.1
K30A	Basset	61.67	56	P	P	18 41 46.8 +1.9	Z28A	Tucker Farm, M	67.53	64	P	P	18 42 24.6 +1.5	BRTR	Baskin Array B	75.35	320	P	P	18 43 08.9 -1.1
O26A	Horse Wrangler	61.71	60	P	P	18 41 47.0 +1.8	W32A	Sentinel												

3d 19h

Table with columns: QSPA, South Pole Qui, 144.51 180, ePKPdf, PKPab, 18 50 59.1, 0.0, 18 51 31.9, -3.3, etc.

IDC 03 18:33:42.2, 0.5, 80S, 130.57E, h0km, mb3.0/3, mb1 3.1/4, mb1mx3.4/32, mbt3.5/4, ML3.4/3, Error ellipse: s-maj=87.8km s-min=30.0km az=82.0, Banda Sea

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

IDC 03 18:48:12.1, 33.0, 1.56N, 128.67E, h246km, 56km, mb3.0/3, mb1 3.1/4, mb1mx2.9/23, mbt3.5/4, Error ellipse: s-maj=481.9km s-min=126.2km az=161.0, Halmahera

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

IDC 03 19:04:30.0, 1.1, 33.64N, 137.34E, h346km, 10km, mb2.9/6, mb1 3.1/1, mb1mx2.9/32, mbt3.6/11, Error ellipse: s-maj=24.7km s-min=18.9km az=82.0

ISCJB 03 19:04:31.2, 0.6, 33.83N, 137.25E, 0.107, h360km, 4km, mb3.1/6, Error ellipse: s-maj=12.7km s-min=7.6km az=155.4

JMA 03 19:04:31.2, 0.4, 33.90N, 137.20E, h369km, 4km, M3.0

ISC 03 19:04:30.0, 0.8, 33.69N, 137.28E, 0.06, h358km, 6km, n32, i164/42, mb3.2/6, Near south coast of eastern Honshu

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

IDC 03 19:06:23.4, 2.6, 7.03S, 151.07E, h0km, mb3.8/3, mb1 3.9/4, mb1mx3.6/19, mbt3.8/4, ML1.0/1, Error ellipse: s-maj=63.2km s-min=39.8km az=134.0, New Britain region

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

IDC 03 19:10:32.4, 1.6, 12.83N, 87.79W, h0km, mb3.9/6, mb1 4.0/9, mb1mx3.8/25, mbt3.8/3, ML3.1/3, MS3.2/3, Ms1 3.2/3, ms1mx2.6/35, Error ellipse: s-maj=46.2km s-min=24.4km az=42.0

CASC 03 19:10:34.3, 3.9, 12.83N, 88.07W, h146km, 42km, MD3.8 NEIC 03 19:10:35.6, 4.8, 12.79N, 87.88W, h18km, 31km, mb4.7/7, Error ellipse: s-maj=19.1km s-min=10.6km az=50.0

ISC 03 19:10:35.0, 0.7, 12.32N, 88.35W, 0.07, h10km, n130, i155/114, mb4.3/16, MS3.2/3, Off coast of central America

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

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Main table with columns: LFU, La Fuente, 1.60 332, eP, Pn, 19 11 02.6, -0.8, BOQS, Boqueron, 1.67 327, eP, Pn, 19 11 04.3, -0.3, etc.

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Table with columns: T37A, Cheneyville 18, 25.39 348, P, P, 19 16 00.5, -2.1, U34A, Anderson Ranch, 25.40 343, P, P, 19 15 59.8, -2.9, etc.

NEIC 03 19:20:16.7, 1.2, 44.38N, 105.67W, h0km, ML3.0, Error ellipse: s-maj=17.7km s-min=6.6km az=197.0, Suspected Mining explosion

NEIC 15 km [10 miles] NW of Gillette. ISCJB 03 19:20:23.0, 0.2, 43.93N, 102.105, 33W, 0.02, h0km, Error ellipse: s-maj=2.2km s-min=1.9km az=175.9

IDC 03 19:20:24.0, 1.1, 44.31N, 105.79W, h0km, mb1 3.5/4, mb1mx3.3/30, mbt3.0/30, ML2.7/7, Error ellipse: s-maj=29.0km s-min=8.8km az=147.0

ISC 03 19:20:22.0, 0.5, 44.40N, 102.02, 43W, 0.02, h0km, n83, i156/87, Wyoming

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

Table with columns: ID, Name, Az, El, P, S, Az, El, P, S, Az, El, P, S. Includes entries like 126A New Underwood, J26A Sides Ranch, H20A Greyhill, etc.

Table with columns: ID, Name, Az, El, P, S, Az, El, P, S, Az, El, P, S. Includes entries like KMBO 85nm,0.3s, KMB0 Kilima Mbo, OPO Ambohitrampito, etc.

Table with columns: ID, Name, Az, El, P, S, Az, El, P, S, Az, El, P, S. Includes entries like IMHD Mahdasht, NPS Neapolis, KIC Kusan Boka, etc.

BUI 03 19:42:12.3, 9.135x39.08E, h8km, mb5.2/52, mB5.1/41, MS4.9/49, MS7.6/47
GCMT 03 19:42:13.2, 0.2, 9.50S-39.22E, h33km, MW5.3/83, Moment Tensor Solution, s82,c134; s83,c128; Duration: 1s1 Moment tensor: Scale 10^17Nm; M1: -0.98z+.02; M2: 0.30z-.01; M3: 0.68z+.02; M4: -0.18z+.02; M5: -0.53z-.01; M6: 0.12z+.02; Best double couple: M1: 0.04000x10^17 Np1; M2: 0.1400000; s51, 0.00000; s-86, 0.00000; NP2: s33, 0.00000; s40, 0.00000; s-83, 0.00000; Principal axes: T 1.0720, P1g5.0000; Azm235.0000; N -0.0630, P1g5.0000; Azm144.0000; P -1.0090, P1g3.0000; Azm14.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 03 19:42:13.2, 0.1, 9.50S-39.06E, h10km, mb5.4/52, MW5.2 Error ellipse: s-maj=5.6km s-min=4.8km az=76.0 Moment Tensor Solution, s29 Moment tensor: Scale 10^16Nm; M1: 7.30; M2: 3.34; M3: 3.96; M4: -0.27; M5: -3.31; M6: 1.16; Best double couple: M1: 2.0000x10^16 Np1; s-86, 0.00000; s41, 0.00000; s-97, 0.00000; NP2: s33, 0.00000; s40, 0.00000; s-83, 0.00000; Principal axes: T 1.0720, P1g5.0000; Azm235.0000; N -0.0630, P1g5.0000; Azm144.0000; P -1.0090, P1g3.0000; Azm14.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISCJB 03 19:42:15.4, 0.2, 9.48S:0.03:39.09E:0.03, h33km, mb5.3/189, MS4.6/48, Error ellipse: s-maj=4.5km s-min=3.4km az=137.0
IDC 03 19:42:16.7, 0.4, 9.53S-39.08E, h34km, mb4.7/27, mb1.4/9/29, mb1.1mx4.9/20, mb1mp4.9/29, ML4.7, MS4.6/29, MS1.4/6/29, ms1.1mx4.5/35, Error ellipse: s-maj=11.2km s-min=9.9km az=117.0
SZGRF 03 19:42:27.4, 7.57S:39.68E, h36km, mb5.7, MS4.1, Tanzania
ISC 03 19:42:16.2, 0.3, 9.54S:0.04:39.04E:0.04, h30km, mb5.1km, h29km; pP, n843, c116/940, mb5.4/192, MS4.6/50, 54C-87D, Tanzania

Table with columns: Code, Station Name, Az, El, P, S, Phase ID, Time Res, Res. Includes entries like 132KE NAIROBI INFRAS, KMBO Kilima Mbo, TAM Tamarassat, etc.

3ed 19h

Table with columns: Call sign, Frequency, Power, and other technical details. Includes stations like KBZ, KIB, KIV, KOL, etc.

2010 AUG

Table with columns: Call sign, Frequency, Power, and other technical details. Includes stations like PERS, KCSI, SOKA, OBKA, etc.

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Table with columns: Call sign, Frequency, Power, and other technical details. Includes stations like TKM2, TKM2, GEC2, GERE, etc.

GRF	comp=Z,58nm,1.1s	63.81 340	eP	P	19 52 45.7	+0.1
GRF	comp=Z,96nm,1.0s		eL	L	20 20 20.8	
GRFO	comp=N,154nm,21.9s	63.81 340	jP	P	19 52 45.4	-0.2
GRFO	comp=N,73nm,1.0s		e	P	19 52 55.6	
NKC	Novy Kostel	63.88 341	jP	P	19 52 21.4	+0.1
NKC			ex	x	19 52 55.7	
NKC	comp=N,300nm,18.1s		AMS	AMS	20 24 10.0	
NKC	Novy Kostel	63.88 341	eP	P	19 52 46.0	-0.1
NKC			e	MLR	19 52 55.7	
BRG	comp=Z,300nm,18.1s	63.99 343	iP	P	19 52 46.4	-0.3
BRG	Bergjesshubel		e		19 53 22.2	
BRG	comp=Z,51nm,1.3s		e	S	20 01 29.0	+8.1
BRG	comp=Z,22nm,1.4s		S	S		
BRG	comp=N,257nm,20.8s					
BRG	comp=E,82nm,19.1s					
BRG	comp=Z,327nm,22.5s					
BRG	Bergjesshubel	63.99 343	iP	P	19 52 46.4	-0.3
BRG			e		19 53 22.2	
BRG	comp=Z,10.0nm,1.3s		e	pmx		
BRG	comp=Z,51nm,1.4s		e	pmx		
BRG	comp=N,22nm,20.8s		e	MLR		
BRG	comp=E,257nm,19.1s		e	MLR		
PVAQ	comp=Z,92nm,22.5s	63.99 320	eP	P	19 52 48.1	+1.1
PVAQ	Vaqueiros		e	LR	20 17 13.3	
PVAQ	comp=Z,36nm,1.3s		e			
PVAQ	Vaqueiros	63.99 320	eLR	LR	20 17 13.3	
PBAR	Barrancos	64.03 321	eP	P	19 52 48.9	+1.6
PBDV	Barranco-Do-Ve	64.03 320	eP	P	19 52 48.9	+1.6
ECH	Echery	64.04 337	jP	P	19 52 47.0	-0.1
PHET	Kaeng Krachan	64.17 71	P	P	19 52 49.6	+1.0
LHSI	Lahat	64.22 90	P	P	19 52 51.3	+2.3
PCVE	Castro Verde	64.33 320	eP	P	19 52 50.4	+1.1
OBN	Obninsk	64.45 358	d P	P	19 52 48.6	-1.0
OBN			e		19 53 23.1	
OBN			e	pmx	19 55 15.0	
OBN	comp=Z,76nm,1.7s		e	MLR		
OBN	Obninsk	64.45 358	jP	P	19 52 48.5	-1.0
OBN	comp=Z,195nm,18.0s		e		19 52 59.2	
OBN	comp=Z,21nm,0.8s		e		19 52 46.0	-3.9
MICGM	Minsk	64.49 353	eP	P	19 52 46.0	-3.9
MNK	Minsk	64.50 353	eP	P	19 52 46.0	-3.9
MORF	Marmelete	64.53 319	eP	P	19 52 49.7	+1.0
MORF			Amb	AMB	19 52 55.4	
MORF	comp=Z,38nm,1.5s	64.53 319	eP	P	19 52 53.5	+2.9
MORF	Marmelete		e		19 52 53.5	+2.9
MORF	comp=Z,39nm,2.1s	64.53 319	eP	P	19 52 49.6	-1.0
PFVI	Vila Bisbo	64.54 319	eP	P	19 52 53.5	+2.9
MESJ	Messejana	64.57 320	eP	P	19 52 49.8	-1.0
MESJ			Amb	AMB	19 52 54.4	
MESJ	comp=Z,39nm,1.3s	64.57 320	eP	P	19 52 53.0	+2.2
MESJ	Messejana		e		19 52 49.8	-1.0
MESJ	comp=Z,39nm,1.1s	64.57 320	eP	P	19 52 50.7	+0.4
MESJ	Messejana	64.66 342	jP	P	19 53 00.6	
CLL			eS	S	20 01 36.0	+7.0
CLL	comp=Z,10.0nm,1.3s		e	pmx		
CLL	comp=Z,200nm,21.1s		e	MLR		
CLL	Collm	64.66 342	jP	P	19 52 50.7	-0.4
CLL	comp=Z,63nm,1.3s		i		19 53 00.6	
CLL			ePcP	PcP	19 53 24.0	-0.7
CLL			ePP	PP	19 55 12.0	-1.7
CLL			ePPP	PPP	19 56 48.0	
CLL			eS	S	20 01 36.0	+7.0
CLL			ePPS	PPS	20 02 04.0	
CLL			e(SS)	SS	20 06 30.0	
CLL			eSSS	SSS	20 09 06.0	
CLL			e	LmV	20 11 30.0	
CLL	comp=Z,200nm,21.1s		e	LmH	20 27 00.0	
CLL	comp=N,200nm,19.8s		e	LmH	20 27 00.0	
PTEO	Sao Teotonio	64.72 319	eP	P	19 52 54.5	+2.7
SUW	Suwalki	64.72 350	eP	P	19 52 50.7	-0.7
SUW	Suwalki	64.72 350	eP	P	19 52 50.8	-0.7
MDSI	Maura Dua	64.77 90	P	P	19 52 53.3	+0.7
PESTR	Estrema	64.80 321	eP	P	19 52 54.0	+1.7
EVO	Evora	64.86 321	eP	P	19 52 54.4	+1.7
PNCL	Nicolau Gran	64.93 320	eP	P	19 52 54.6	+1.5
KASI	Kota Agung	64.94 92	P	P	19 52 55.7	+2.0
PMRV	Marv??o	65.02 322	eP	P	19 52 55.0	+1.3
PMRV	comp=Z,54nm,1.3s	65.02 322	eLR	LR	20 16 09.0	
MOS	Moscow	65.05 359	eP	P	19 52 52.7	-0.8
MOS			e	pmx	19 53 03.1	
MOS	comp=Z,100nm,1.3s		e	pmx		
MOS	comp=Z,300nm,2.0s		e	pmx		
GKP	Gorka Kiaszor	65.27 346	eP	P	19 52 55.5	+0.6
GKP			e		19 53 06.1	
GKP	Gorka Kiaszor	65.27 346	eP	P	19 52 55.6	+0.6
GKP			e		19 53 06.1	
KLSI		65.29 91	P	P	19 52 57.2	+1.2
CMAR	Chiang Mai Arr	65.31 65	P	P	19 52 55.4	-0.7
CMAR	comp=Z,11nm,1.0s,baz=259,slow=7.7,SNR=46		pp	pp	19 53 06.7	+1.4
CMAR	comp=Z,21nm,0.9s,baz=258,slow=7.8,SNR=29		e	LR	20 19 48.9	
CMAR	Chiang Mai Arr	65.31 65	P	P	19 52 55.4	-0.7
CMAR			PP	pp	19 53 06.7	+1.4
CMAR	comp=Z,11nm,1.0s		e	pmx		
CMAR	comp=Z,21nm,0.9s		e	pmx		
CMAR	comp=Z,435nm,18.0s,baz=230,slow=34		e	MLR		
PCBR	Castelo Branco	65.32 322	eP	P	19 52 57.4	+1.7
PATY	Pataya	65.33 71	P	P	19 53 08.2	+1.2
IDID	Didziasalis	65.43 352	eP	IAMB	19 52 55.8	-0.2
IDID			e	IAMB	19 52 56.7	
CHTO	Chiang Mai	65.44 64	P	P	19 52 56.6	-0.2
CHTO	Chiang Mai	65.44 64	jP	P	19 52 56.1	-0.7
CHTO	comp=Z,27nm,1.0s		e		19 53 06.9	
CHTO	Chiang Mai	65.44 64	P	P	19 52 56.6	-0.3
RUE	Ruedersdorf	65.46 343	eP	P	19 52 56.5	+0.2
RUE	comp=Z,39nm,1.1s		e		19 53 06.5	
IIGN	Ignalina	65.54 352	eP	IAMB	19 52 56.4	-0.3
IIGN			e	IAMB	19 52 57.3	
IIGN	comp=Z,13nm,0.9s		e			

WLF	Walferdange	65.61 337	eP	P	19 52 57.7	+0.4
WLF	comp=Z,40nm,1.0s		e		19 53 07.8	
WLF	Manteigas	65.71 323	ePcP	PcP	19 53 28.6	-0.1
WLF	comp=Z,96nm,1.3s		e		19 52 59.6	+1.4
MTE	Manteigas	65.71 323	eLR	LR	20 16 05.4	
ISAL	Salakas	65.77 352	eP	P	19 52 57.8	-0.3
MVO	Moncorvo	65.88 323	eP	P	19 53 01.1	+1.8
MVO	comp=Z,63nm,1.9s		e			
MVO	Moncorvo	65.88 323	eLR	LR	20 15 30.8	
PMAFR	Maifra	65.91 320	eP	P	19 53 01.9	+2.4
CMAI	Chiangmai2	65.91 63	P	P	19 53 00.2	+0.1
LAMP	Lampang	65.95 65	P	P	19 53 00.7	+0.6
TPRI	Tanjung Pinang	66.01 85	P	P	19 53 13.6	+1.3
PCAS	Casmilo, Conde	66.08 322	eP	P	19 53 02.6	+2.1
PCAS	comp=Z,66nm,1.6s		e			
PVIS	Viseu	66.11 323	eP	P	19 53 02.1	+1.3
PVIS	comp=Z,63nm,1.7s		e			
PBRG	Braganca	66.11 324	eP	P	19 53 02.3	+1.5
PVRL	Vila Real	66.35 323	eP	P	19 53 04.1	+1.8
PVRL	comp=Z,40nm,1.8s		e			
MEM	Membach	66.43 338	P	P	19 53 03.3	+0.8
MEM	comp=Z,24nm,1.9s		e			
POLO	Lamas de Olo	66.46 323	eP	P	19 53 05.0	+1.9
POLO	comp=Z,45nm,1.6s		e			
UTTA	Uttaradi	66.52 66	P	P	19 53 04.1	+0.3
UTTA	comp=Z,11nm,1.1s,comp=Z,91nm		e	pp	19 53 15.0	+2.0
BUKT	Sadao Pong	66.52 67	P	P	19 53 03.9	+0.1
DBK	Sanae	66.52 67	P	P	19 53 03.8	+0.4
DOU	Dourbes	66.56 337	P	P	19 53 04.2	+0.7
HGN	Heimansgrove	66.58 338	eP	P	19 53 04.2	+0.7
HGN	comp=Z,59nm,1.1s		e		19 53 14.7	
HGN	HGN		eX	PP	19 55 38.4	+7.9
HGN	HGN		eS	S	20 01 54.4	+1.8
SACV	Santiago Islan	66.69 291	P	P	19 53 05.1	+0.1
SACV	comp=Z,93nm,1.3s		e			
BEBN	Eben Emael	66.70 338	P	P	19 53 04.7	+0.5
BEBN	comp=Z,13nm,1.7s		e			
PCAB	Cabrill	66.81 323	eP	P	19 53 07.2	+2.0
PCAB	comp=Z,63nm,1.6s		e			
SNF	Genefie	67.00 337	P	P	19 53 07.0	+0.8
PGAV	Gavieira, Arco	67.11 323	eP	P	19 53 08.3	+1.1
PGAV	Gavieira, Arco	67.11 323	eLR	LR	20 16 04.1	
SNAAS	Sanae	67.13 193	P	P	19 53 09.4	+2.9
SNAAS	comp=Z,697nm,18.0s		e	pmx	19 53 09.2	+2.3
SNAAS	Sanae	67.13 193	d P	P	19 53 09.2	+2.3
SNAAS	comp=Z,7.0nm,1.2s		e			
SNAAS	comp=Z,8.3nm,1.3s		e			
SNAAS	Sanae	67.14 93	P	P	19 53 18.7	
CBJI	Citeko	67.14 93	P	P	19 53 10.2	+2.4
CRAI	Chiang Mai	67.19 63	P	P	19 53 05.3	-2.7
CRAI	comp=Z,77nm,0.9s		e			
WTSB	Winterswijk	67.25 339	eP	P	19 53 08.4	+0.7
WTSB	comp=Z,93nm,1.1s		e		19 53 18.8	
WTSB	WTSB		eX	PP	19 53 08.7	-0.6
BSD	Bornholm Skovb	67.52 345	jP	P	19 53 19.0	
BSD	comp=Z,115nm,1.3s		e			
BSD	Bornholm Skovb	67.52 345	jP	P	19 53 08.7	-0.6
BSD			e	pmx	19 53 19.0	
BSD	comp=Z,120nm,1.3s		e	pmx		
ARU	Arti	67.70 12	d P	P	19 53 09.8	-0.7
ARU	comp=Z,66nm,1.4s		e		19 53 38.2	
ARU	Arti	67.70 12	jP	P	19 53 40.1	
ARU	comp=Z,505nm,20.0s		e	S	20 02 07.0	+1.2
ARU	comp=Z,446nm,1.0s,SNR=30		e	S	20 06 17.9	-1.0
ARU	Arti	67.70 12	jP	P	19 53 09.6	-0.8
ARU	comp=Z,82nm,1.0s		e		19 53 20.0	
ARU	VNA2	67.73 195	P	P	19 53 13.2	+2.6
ARU	Neumayer-Watz		e		19 53 14.5	+3.7
ARU	baz=35,slow=6.4		e		19 53 10.9	-0.4
VNA1	Neumayer-Stat	67.78 195	P	P	19 53 10.5	-0.8
BRVK	Borovoye	67.81 20	P	P	19 53 10.5	-0.8
BRVK	comp=Z,120nm,1.4s,SNR=9.6		e	pmx		
BRVK	Borovoye	67.81 20	d P	P	19 53 10.4	-0.9
BRVK	comp=Z,45nm,1.7s		e		19 53 21.0	
BRVK	Borovoye	67.81 20	eP	P	19 53 14.3	+1.8
BRVK	comp=Z,33nm,1.3s		e		20 16 34.7	
LEM	Lembang	67.84 94	LR	LR	20 16 34.7	
LEM	comp=Z,66nm,1.4s		e			
LEMB	Lembang	67.84 94	LR	LR	20 16 34.7	
LEMB	comp=Z,490nm,21.1s,baz=214,slow=30		e			
MKAR	Makanchi Array	68.04 31	P	P	19 53 11.9	-0.9
MKAR	comp=Z,32nm,0.9s,baz=222,slow=5.8,SNR=157		pp	pp	19 53 23.1	+0.9
MKAR	comp=Z,16nm,0.8s,baz=216,slow=6.0,SNR=13		e	LR	20 25 21.2	
MKAR	comp=Z,236nm,19.3s,baz=237,slow=38		e	LR	19 53 12.0	-0.9
MKAR	Makanchi Array	68.04 31	PP	pp	19 53 23.1	+0.9
MKAR			e	pmx		
MKAR	comp=Z,32nm,0.9s		e	pmx		
MKAR	comp=Z,16nm,0.8s		e	MLR	</	

EDM	Edmonton	131.08 338	ePKPdf	PKPdf	20 01 25.5 +0.3
EDM	Basset	131.10 320	P	PKPdf	20 01 26.2 +0.7
K30A	Basset	131.10 320	P	PKPdf	20 01 26.2 +0.7
J29A	Okreke	131.17 321	P	PKPdf	20 01 26.8 +1.1
F26A	Lodgepole	131.22 325	P	PKPdf	20 01 26.4 +0.7
E25A	Miller Ranch,	131.24 326	P	PKPdf	20 01 26.4 +0.7
TUL1	Tulsa	131.35 310	P	PKPdf	20 01 26.6 +0.4
D24A	Glendive	131.37 327	P	PKPdf	20 01 27.0 +1.1
I28A	Midland	131.37 322	P	PKPdf	20 01 26.8 +0.8
X37A	Clayton	131.49 308	P	PKPdf	20 01 27.2 +0.8
R34A	Isabella, Hill	131.50 313	P	PKPdf	20 01 27.1 +0.7
K29A	Lazy Trails An	131.50 320	P	PKPdf	20 01 27.1 +0.8
V36A	Jenks	131.51 310	P	PKPdf	20 01 27.4 +0.9
T35A	Sooner Cattle	131.52 311	P	PKPdf	20 01 27.5 +1.0
Q33A	Connelly Farm,	131.62 315	P	PKPdf	20 01 27.5 +0.9
S34A	Willow Spring	131.65 313	P	PKPdf	20 01 27.8 +1.1
J28A	Allard Ranch,	131.72 321	P	PKPdf	20 01 27.5 +0.8
I27A	Quinn	131.87 323	P	PKPdf	20 01 27.5 +0.6
W36A	Wetumka	131.96 309	P	PKPdf	20 01 28.1 +0.8
T34A	McClaskey Farm	131.97 312	P	PKPdf	20 01 28.1 +0.8
F24A	Ekalaka	132.21 326	P	PKPdf	20 01 28.4 +0.2
X36A	Centrahoma	132.26 308	P	PKPdf	20 01 28.2 +0.2
E23A	Ismay	132.28 327	P	PKPdf	20 01 28.5 +0.8
W35A	Tecumseh	132.45 309	P	PKPdf	20 01 29.7 +1.5
LAO	LASA Array	132.65 328	P	PKPdf	20 01 29.5 +1.1
LAO	LASA Array	132.65 328	ePKPdf	PKPdf	20 01 29.4 +1.1
E22A	Miles City	132.66 327	P	PKPdf	20 01 29.2 +0.8
V34A	Guthrie	132.68 311	P	PKPdf	20 01 30.0 +1.3
T33A	Patterson Ranc	132.72 312	P	PKPdf	20 01 30.1 +1.4
Z36A	Blue Ridge	132.77 307	P	PKPdf	20 01 30.0 +1.1
RSSD	Black Hills	133.01 324	ePKPpre	PKPpre	20 01 22.9
Y35A	Marietta	133.03 308	P	PKPdf	20 01 30.3 +0.9
P30A	Selden	133.04 316	P	PKPdf	20 01 30.2 +0.9
W34A	Bridge Creek,	133.10 310	ePKPdf	PKPdf	20 01 30.6 +1.0
T32A	Huddler Ranch,	133.18 313	P	PKPdf	20 01 30.3 +0.7
E21A	Keefer Ranch,	133.19 328	P	PKPdf	20 01 30.6 +1.2
Q30A	Quinter	133.29 316	P	PKPdf	20 01 31.0 +1.1
X34A	Smith Ranch, M	133.39 309	P	PKPdf	20 01 31.1 +1.0
EGMT	Eagleton	133.50 331	P	PKPdf	20 01 31.5 +1.5
EGMT	Eagleton	133.50 331	ePKPdf	PKPdf	20 01 31.2 +1.2
OGNE	Ogallala	133.53 319	P	PKPdf	20 01 31.1 +0.8
Y34A	Reagan Ranch,	133.57 308	P	PKPdf	20 01 30.9 +0.5
N27A	Anderson Farm,	133.93 319	P	PKPdf	20 01 31.7 +0.7
WHTX	Lake Whitney	134.01 306	P	PKPdf	20 01 31.9 +0.7
WMOK	Wichita Mounta	134.06 310	ePKPdf	PKPdf	20 01 31.4 +0.1
R29A	Marienthal	134.18 315	P	PKPdf	20 01 31.7 +0.2
F20A	Billings	134.24 328	P	PKPdf	20 01 31.8 +0.4
Q28A	Sharon Springs	134.35 317	P	PKPdf	20 01 32.8 +1.0
234A	Clairette	134.55 306	P	PKPdf	20 01 33.0 +0.7
X32A	Elmer	134.56 310	P	PKPdf	20 01 33.0 +0.8
Y32A	R-V Farms, Ver	134.85 309	P	PKPdf	20 01 33.8 +1.0
334A	Lometa	134.85 305	P	PKPdf	20 01 33.4 +0.5
KSC0	Kaye Shedlock'	134.91 317	ePKPdf	PKPdf	20 01 34.2 +1.3
KSC0	Kaye Shedlock'	134.91 317	eSKP	PKPdf	20 05 04.4
133A	Hamilton Ranch	134.96 307	P	PKPdf	20 01 34.3 +1.2
X31A	McDonald Ranch	135.01 310	P	PKPdf	20 01 34.1 +0.9
434A	Burnet	135.05 304	P	PKPdf	20 01 34.2 +0.9
P26A	Davis Ranch, A	135.11 318	P	PKPdf	20 01 34.4 +1.1
Z32A	Haskell	135.14 308	P	PKPdf	20 01 34.3 +0.9
RLMT	Red Lodge	135.28 328	ePKPdf	PKPdf	20 01 35.1 +1.5
R27A	Eads	135.39 316	P	PKPdf	20 01 34.5 +0.7
333A	Richland Sprin	135.46 305	P	PKPdf	20 01 35.0 +1.0
261A	Walsh	135.48 314	P	PKPdf	20 01 34.8 +0.8
Q26A	Hugo	135.56 317	P	PKPdf	20 01 35.0 +0.8
Z31A	Sharp Cattle R	135.65 308	P	PKPdf	20 01 35.3 +0.9
433A	Art	135.74 305	P	PKPdf	20 01 35.0 +0.5
JTMT	Jette	135.75 334	ePKPdf	PKPdf	20 01 35.3 +0.7
X30A	Coker Ranch, T	135.76 310	P	PKPdf	20 01 34.9 +0.4
232A	Coleman	135.79 306	P	PKPdf	20 01 35.3 +0.6
SWMT	Seelye Lake	135.79 333	ePKPdf	PKPdf	20 01 34.8 +0.4
SWMT	Swartz Lake	135.81 314	ePKPdf	PKPdf	20 01 33.8 +0.6
R26A	Arlington	135.83 307	P	PKPdf	20 01 35.4 +0.8
I19A	Meeteetse	135.86 327	P	PKPdf	20 01 35.0 +0.4
BSMT	Bassoo Peak	135.89 335	ePKPdf	PKPdf	20 01 35.1 +0.5
CHMT	Chamberlain Mo	135.94 333	ePKPdf	PKPdf	20 01 34.8 0.0
T27A	Campo	135.94 315	P	PKPdf	20 01 35.9 +0.9
332A	Millersview	136.05 306	P	PKPdf	20 01 36.2 +1.1
131A	Roby	136.09 308	P	PKPdf	20 01 36.3 +1.1
BOZ	Bozeman (W)	136.10 330	P	PKPdf	20 01 36.6 +1.6
BOZ	Bozeman (W)	136.10 330	ePKPdf	PKPdf	20 01 36.6 +1.6
432A	Menard	136.26 305	P	PKPdf	20 01 47.0
231A	Bronte	136.31 307	P	PKPdf	20 01 36.9 +1.3
M30	Missoula	136.31 333	P	PKPdf	20 01 36.4 +1.1
LRM	Limekiln Ridge	136.37 331	ePKPdf	PKPdf	20 01 35.8 +0.2
J19A	Crowheart	136.40 326	P	PKPdf	20 01 36.7 +1.1
JCT	Junction City	136.41 305	ePKPdf	PKPdf	20 01 36.3 +0.5
Z30A	Sanderson Ranc	136.42 309	P	PKPdf	20 01 36.8 +0.9
ISCO	Idaho Springs	136.45 320	ePKPpre	PKPpre	20 01 32.6
ISCO	Idaho Springs	136.45 320	ePKPdf	PKPdf	20 01 36.7 +0.7
T26A	Comanche Natio	136.49 315	P	PKPdf	20 01 36.9 +0.8

034A	Hebbronville	136.50 299	P	PKPdf	20 01 37.0 +0.9
QLMT	Earthquake Lak	136.59 329	ePKPdf	PKPdf	20 01 37.8 +1.8
Y29A	Portfield Pa	136.60 310	P	PKPdf	20 01 37.4 +1.2
532A	Rocksprings	136.61 304	P	PKPdf	20 01 36.9 +0.7
833A	Chaparral WMA,	136.75 301	P	PKPdf	20 01 37.4 +0.9
DLMT	Dillon	136.78 331	ePKPpre	PKPpre	20 01 30.3
DLMT	Dillon	136.78 331	ePKPpre	PKPpre	20 01 30.3
Z29A	Hungry Hill Ra	136.88 309	P	PKPdf	20 01 37.5 +0.8
230A	Sterling City	136.95 307	P	PKPdf	20 01 38.1 +1.2
IMW	Indian Meadow	136.99 328	ePKPdf	PKPdf	20 01 35.9 +1.0
MOOW	Moose Ponds	136.99 328	ePKPdf	PKPdf	20 01 37.5 +0.7
431A	Sonora	136.99 305	P	PKPdf	20 01 38.0 +1.1
PDAR	Pinedale Array	137.00 326	PKP	PKPdf	20 01 37.4 +0.5
PDAR	comp=Z,6.8nm,1.0s,baz=83,slow=4.6,SNR=33		ePKP	ePKPdf	20 01 47.8 +1.1
PDAR	comp=Z,4.1nm,0.9s,baz=46,slow=7.7,SNR=7.4		PKP	PKPdf	20 04 20.3 +0.2
BW06	Boulder Array	137.00 326	ePKPdf	PKPdf	20 01 36.3 -0.6
D006	Boulder Array	137.00 326	ePKPdf	PKPdf	20 04 15.5 -3.5
LOHW	Long Hollow	137.00 327	ePKPdf	PKPdf	20 01 37.5 +0.3
LOHW	Long Hollow	137.00 327	ePKPdf	PKPdf	20 01 48.8
Y28A	McKinney Farm,	137.02 310	P	PKPdf	20 01 38.0 +1.0
T25A	Trinidad	137.07 316	P	PKPdf	20 01 37.9 +0.8
330A	Mertzon	137.18 306	P	PKPdf	20 01 38.2 +0.9
129A	Stewart Farms,	137.25 308	P	PKPdf	20 01 38.6 +1.2
TPAW	Teton Pass	137.27 328	ePKPdf	PKPdf	20 01 37.5 +0.1
MCMT	McKenzie Canyo	137.29 330	ePKPdf	PKPdf	20 01 39.0 +1.7
MCMT	McKenzie Canyo	137.29 330	ePKPdf	PKPdf	20 01 50.4
MCMT	Red Top Meadow	137.31 327	ePKPdf	PKPdf	20 04 23.1 +1.4
REDW	Red Top Meadow	137.31 327	ePKPdf	PKPdf	20 01 30.5 -0.4
REDW	Red Top Meadow	137.31 327	ePKPdf	PKPdf	20 01 30.5
430A	Baggett Ranch,	137.46 306	P	PKPdf	20 01 38.8 +1.0
229A	Bryant Ranch,	137.47 307	P	PKPdf	20 01 38.7 +0.9
DSDO	Great Sand Dun	137.50 317	P	PKPdf	20 01 38.9 +0.9
SDCO	Great Sand Dun	137.50 317	ePKPdf	PKPdf	20 01 37.6 -0.4
SDCO	Great Sand Dun	137.50 317	ePKPdf	PKPdf	20 01 49.6
SMCO	Snowmass	137.67 320	ePKPpre	PKPpre	20 01 39.5 +1.1
SMCO	Snowmass	137.67 320	ePKPdf	PKPdf	20 01 50.3
128A	Castleberry Fa	137.73 309	P	PKPdf	20 01 39.3 +1.0
530A	J-C Ranch, Com	137.76 305	P	PKPdf	20 01 39.4 +1.0
329A	Wagon Wheel Ra	137.79 307	P	PKPdf	20 01 39.5 +1.1
OD2	Odessa Site #2	137.83 337	P	PKPdf	20 01 39.1 +1.2
AHID	Auburn Hatcher	137.85 327	ePKPdf	PKPdf	20 01 36.9 +1.4
O20A	White River Ci	137.90 322	P	PKPdf	20 01 40.0 +1.5
S22A	4UR Ranch, Cre	138.38 318	P	PKPdf	20 01 41.0 +1.4
HWUT	Hardware Ranch	138.89 326	ePKPpre	PKPpre	20 01 35.7
HWUT	Hardware Ranch	138.89 326	ePKPdf	PKPdf	20 01 40.0 -0.3
HAWA	Hanford	138.97 337	ePKPdf	PKPdf	20 01 40.7 +0.6
HLID	Hailey	138.98 330	ePKPdf	PKPdf	20 01 38.8 -2.0
PV01	Paradox Valley	139.29 320	ePKPpre	PKPpre	20 01 34.5
PV01	Paradox Valley	139.29 320	ePKPpre	PKPpre	20 01 42.3 +1.1
PV04	Paradox Valley	139.35 320	ePKPpre	PKPpre	20 01 42.4 +1.1
HVU	Hansel Valley	139.43 327	ePKPpre	PKPpre	20 01 34.5
LOON	Longmire	139.49 340	ePKPdf	PKPdf	20 01 40.6 -0.5
LOON	Longmire	139.49 340	ePKPdf	PKPdf	20 04 31.4 -3.3
LON	Albuquerque	139.61 314	ePKPdf	PKPdf	20 01 41.2 -0.2
MFID	Camas Ranch	139.77 331	ePKPpre	PKPpre	20 01 35.0
MFID	Camas Ranch	139.77 331	ePKPdf	PKPdf	20 01 43.2 -1.0
MVCO	Mesa Verde	139.78 318	P	PKPdf	20 01 43.1 +1.0
SRU	San Rafael	139.92 322	ePKPpre	PKPpre	20 01 33.9
SRU	San Rafael	139.92 322	ePKPdf	PKPdf	20 01 42.3 0.0
TXAR	Lajitas Array	139.95 305	PKP	PKPdf	20 01 42.9 +0.4
TXAR	Lajitas Array	139.95 305	PKIKP	PKPdf	20 01 42.9 +0.4
TXAR	Lajitas Array	139.95 305	PKIKP	PKPdf	20 01 42.9 +0.4
LPM	Los Pinos Moun	140.05 313	ePKPpre	PKPpre	20 01 35.5
LPM	Los Pinos Moun	140.05 313	ePKPdf	PKPdf	20 01 43.4 +0.5
NLU	North Lily Min	140.28 324	ePKPdf	PKPdf	20 01 43.4 +0.8
DUG	Dugway	140.54 325	P	PKPdf	20 01 45.1 +1.8
DUG	Dugway	140.54 325	ePKPpre	PKPpre	20 01 38.4
DUG	Dugway	140.54 325	ePKPdf	PKPdf	20 01 44.3 +1.0
DUG	Dugway	140.54 325	ePKPdf	PKPdf	20 01 55.7
DUG	Dugway	140.54 325	ePKPdf	PKPdf	20 01 47.7 +1.7
CROR	Criterion Ridg	140.71 337	P	PKPdf	20 01 44.8 +1.5
MSU	Marysville	141.29 323	ePKPpre	PKPpre	20 01 40.0
MSU	Marysville	141.29 323	ePKPdf	PKPdf	20 01 47.0 -0.5
ELK	Elko	141.47 328	ePKPdf	PKPdf	20 01 39.9 -5.2
121A	Cookes Peak, D	141.77 312	ePKPpre	PKPpre	20 01 40.8
WV0A	Wild Horse Val	141.83 333	ePKPpre	PKPpre	20 01 47.7 -1.0
CCUT	Cedar City	142.63 323	ePKPpre	PKPpre	20 01 44.2
WUAZ	Wupatki	142.65 318	ePKPpre	PKPpre	20 01 44.5
WUAZ	Wupatki	142.65 318	ePKPdf	PKPdf	20 01 48.3 +1.0
BMN	Battle Mountai	142.71 330	ePKPpre	PKPpre	20 01 44.0 -0.9
BMN	Battle Mountai	142.71 330	ePKPdf	PKPdf	20 01 46.9 -0.9
R11A	Troy Canyon, C	143.37 326	ePKPpre	PKPpre	20 01 45.8
H10A	Hull Mountain	143.48 337	ePKPdf	PKPdf	20 01 46.9 +1.4
TUC	Tucson	144.06 314	ePKPdf	PKPdf	20 01 48.5 +0.8
LTIM	Timbered Crate	144.10 335	P	PKPdf	20 01 49.0 -0.6
YBH	Yreka Blue Hor	144.13 336	ePKPdf	PKPdf	20 01 47.5 +0.8
LMM	Antelope Mount	144.20 336	P	PKPdf	20 01 46.0 0.0
KTRM	Thompson Ridge	144.24 337	P	PKPdf	20 01 49.2 -0.6
SHRP	Sheep Range	144.39 323	ePKPdf	PKPdf	20 01 49.9 -0.4
TPH	Toponah	144.46 327	ePKPdf	PKPdf	20 01 50.0 -0.4
TPNV	Topopah Spring	144.72 325	P	PKPdf	20 01 51.3 +0.4
N02D	Trinity Center				

Miyagi.
ISC 03 21:43:37.0±0.8, 39°18'N, 142°32'E, 0.07, h76km, 4km,
m63, c0.97/80, mb3.9±1.6, 4C-9D, Near east coast of
eastern Honshu

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

Table with columns: FINES, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations with specific parameters.

IDC 03 21:48:46.9±1.2, 24°80'N, 109°27'W, h0km, mb4.0, M3.4, 1/11,
mb1 3.4/11, ms1mx3.2/37, Error ellipse: s-maj=23.4km
s-min=9.7km az=136.0°
ISCJBJ 03 21:48:49.0±0.6, 24°88'N, 109°28'W, h17km,
mb4.1/13, MS3.3/6, Error ellipse: s-maj=5.7km
s-min=3.7km az=145.0°
NEIC 03 21:48:50.3±0.6, 24°81'N, 109°44'W, h10km, mb4.0/27,
Error ellipse: s-maj=8.3km s-min=7.6km az=219.0°
MEX 03 21:48:52.3±0.5, 25°01'N, 109°59'W, h10km, MD4.1
ISC 03 21:48:50.1±0.6, 24°86'N, 109°47'W, h17km, n82,
c191/87, mb4.2/13, MS3.3/6, Gulf of California

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations with specific parameters.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations with specific parameters.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations with specific parameters.

ISC 03 21:51:52.3, 37°63'N, 29°79'E, h6km, MD2.7
CSEM 03 21:51:53.0±0.3, 37°60'N, 29°83'E, h12km, MD2.8, Error
ellipse: s-maj=7.4km s-min=6.5km az=41.0°
ISCJBJ 03 21:51:54.7±0.5, 37°53'N, 29°84'E, h21km, 10km,
Error ellipse: s-maj=7.3km s-min=5.9km az=137.2°
DDA 03 21:51:54.2, 37°57'N, 29°80'E, h7km, MD2.8
ISC 03 21:51:54.1±1.0, 37°58'N, 29°84'E, h16km, g9km,
n22, c195/32, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations with specific parameters.

JMA 03 21:52:46.0±0.1, 24°47'N, 122°52'E, h90km, 2km, M2.3
TAP 03 21:52:46.6, 24°39'N, 122°67'E, h61km, 1km, ML3.0, D
ISCJBJ 03 21:52:47.0±0.6, 24°50'N, 122°56'E, 0.02, h79km, 6km,
Error ellipse: s-maj=7.0km s-min=2.8km az=173.0°
ISC 03 21:52:47.5±1.5, 24°49'N, 122°55'E, 0.02, h78km, 10km,
n35, c0.97/65, Taiwan region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations with specific parameters.

3d 22h

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Table with columns for station name, frequency, power, and other technical details. Includes stations like LEM, KSM, Kuching, KSM, SKJI, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KSMUS Musan, YNCB YEONCHEON, KSGAH Ganghwa, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like HABR, HABR, HABR, SNY, SNY, SNY, etc.

CD2	comp-Z,510nm,9.0s	PMZ			
CD2	comp-Z,420nm,19.2s	LN			
CD2	comp-Z,500nm,24.0s	LZ			
HHC	comp-Z,730nm,16.6s	84.08 319	eP	P	22 42 54.6 +0.7
HHC	comp-Z,39nm,0.8s		pP	pP	22 43 08.7 +5.1
HHC	comp-Z,39nm,0.8s		sP	sP	22 43 17.5 +1.0
HHC	comp-Z,39nm,0.8s		PP	PP	22 46 14.1 +5.6
HHC	comp-Z,39nm,0.8s		SKS	SKS	22 53 07.0 -8.1
HHC	comp-Z,39nm,0.8s		S	S	22 53 17.8 +1.3
HHC	comp-Z,39nm,0.8s		PMZ		
HHC	comp-Z,41nm,1.3s				
HHC	comp-Z,380nm,7.9s				
HHC	comp-Z,310nm,16.7s				
HHC	comp-Z,480nm,16.3s				
HHC	comp-Z,730nm,16.6s				
OHAK	Old Harbor	84.80 18	eP	P	22 42 57.1 +0.2
HIA	Hailar	85.02 329	eP	P	22 42 59.1 +0.8
HIA	comp-Z,50nm,1.7s				
HIA	comp-Z,543nm,21.0s		LR	LR	
KDAK	Kodiak Island	85.48 18	P	P	22 43 00.5 +0.2
KDAK	comp-Z,6.3nm,0.8s,baz=206,slow=12,SNR=2.9				
KDAK	Kodiak Island	85.48 18	P	P	22 43 00.5 +0.2
KDAK	comp-Z,6.0nm,0.8s		pmax	pmax	
KDAK	Kodiak Island	85.48 18	eP	P	22 43 00.5 +0.2
KDAK	comp-Z,22nm,4.0s		LR	LR	
KDAK	comp-Z,1.1um,20.0s				
SNA	Sanae	85.94 182	P	P	22 43 00.3 -2.4
SNA	comp-Z,7.5nm,1.0s	85.94 182	/P	P	22 43 00.4 -2.4
SNA	comp-Z,8.0nm,1.0s		pmax	pmax	
SNA	Sanae	85.94 182	eP	P	22 43 00.4 -2.4
SNA	comp-Z,7.5nm,1.0s				
BSC	Santa Cruz Isl	86.31 51	P	P	22 43 05.3 +0.2
SBC	Santa Barbara	86.48 51	P	P	22 43 06.4 +0.6
LZH	Lanzhou	86.48 311	eP	P	22 43 07.3 +1.2
LZH	comp-Z,23.3 +7.5		pP	pP	22 43 23.3 +7.5
LZH	comp-Z,30.3 +1.1		sP	sP	22 43 30.3 +1.1
LZH	comp-Z,25.377 -1.0		SS	SS	22 54 04.1 +7.4
LZH	comp-Z,25.94 0.1		SS	SS	22 59 13.0 -8.8
LZH	comp-Z,79nm,1.1s				
LZH	comp-Z,350nm,5.5s				
LZH	comp-Z,1um,17.2s		LE	LE	
LZH	comp-Z,1um,16.2s		LZ	LZ	
KCPM	Cahto Peak	86.59 44	eP	P	22 43 08.1 +1.7
SCI	San Clemente I	86.59 52	P	P	22 43 06.8 +0.3
PKM	Peak Mountain	86.63 50	P	P	22 43 07.5 +0.7
SMMC	Simmier	86.71 50	P	P	22 43 07.8 +0.8
KIPM	Iron Peak	86.72 44	eP	P	22 43 08.2 +1.2
VNA2	Neumayer-Watz	86.77 180	P	P	22 43 04.6 -2.2
BLG	Laguna Peak	86.78 51	P	P	22 43 07.6 +0.2
KMRM	Mali Ridge	86.80 44	eP	P	22 43 09.2 +1.8
CIS	Catalina Islan	86.91 52	P	P	22 43 08.1 +0.1
VNA1	Neumayer-Stat	87.05 180	P	P	22 43 06.0 -2.0
KHMM	Horse Mountain	87.14 43	eP	P	22 43 10.5 +1.3
OSI	Osito Adit	87.27 51	P	P	22 43 10.2 +0.4
DECC	Green Verdugo	87.38 51	P	P	22 43 10.1 -0.2
ARVC	Arvin	87.45 50	P	P	22 43 10.9 +0.4
MWC	Mount Wilson	87.56 51	eP	P	22 43 11.5 +0.2
BRLK	Bradley Lake	87.62 18	eP	P	22 43 12.5 +1.7
VES	Vestal, Richgr	87.63 50	P	P	22 43 11.2 -0.2
RSD	Redoubt South	87.69 17	eP	P	22 43 13.3 +1.9
WDC	Whiskeytown Da	87.74 44	eP	P	22 43 12.7 +0.9
OHMC	Houcut	87.77 46	eP	P	22 43 12.1 +0.1
CHMB	Columbia Colic	87.83 47	eP	P	22 43 12.5 +0.1
N02D	Trinity Center	87.85 44	P	P	22 43 13.2 +0.8
BFSC	Mount Baldy Ra	87.86 52	P	P	22 43 12.1 -0.6
MURC	Murrieta	87.88 52	P	P	22 43 12.3 -0.4
L02D	Cave Junction,	87.92 42	P	P	22 43 13.3 +0.6
EDW2	Edwards Air Fo	87.93 51	P	P	22 43 12.4 -0.5
ISA	Isabella	87.97 50	P	P	22 43 13.0 -0.1
ISA	Isabella	87.97 50	eP	P	22 43 13.4 +0.3
M02C	Callahan	87.98 43	P	P	22 43 14.0 +1.0
MONP	Monument Peak	88.12 53	P	P	22 43 13.8 -0.3
CLNS	Chul'man	88.25 336	eP	P	22 43 14.7 +0.8
CLNS	comp-Z,11nm,1.5s		pmax	pmax	
CLNS	comp-Z,16nm,1.2s		pmax	pmax	
CLNS	comp-Z,8.0nm,0.9s		pmax	pmax	
YBH	Yreka Blue Hor	88.25 43	P	P	22 43 14.8 +0.5
YBH	Yreka Blue Hor	88.25 43	P	P	22 43 14.8 +0.5
YBH	comp-Z,14nm,1.0s		pmax	pmax	
YBH	Yreka Blue Hor	88.25 43	eP	P	22 43 15.0 +0.7
IBP	Imperial Bould	88.25 54	P	P	22 43 14.9 +0.3
SEW	Seward	88.31 18	eP	P	22 43 16.9 +2.8
BBRC	Big Bear Solar	88.40 52	P	P	22 43 15.5 +0.1
PFO	Pinyon Flat Ob	88.43 53	P	P	22 43 15.4 -0.1
PFO	comp-Z,4.8nm,1.0s,baz=250,slow=5.5,SNR=6.6				
PFO	Pinyon Flat Ob	88.43 53	P	P	22 43 15.4 -0.1
PFO	comp-Z,5.0nm,1.0s		pmax	pmax	
PFO	Pinyon Flat Ob	88.43 53	P	P	22 43 15.6 +0.2
PFO	Pinyon Flat Ob	88.43 53	PFAKE	LR	22 43 30.0 +15
HUMO	Hull Mountain	88.57 42	eP	P	22 43 16.5 +0.8
SWSC	Sam W. Stewart	88.60 53	P	P	22 43 16.4 +0.3
CWC	Cottonwood Cre	88.63 49	P	P	22 43 16.7 +0.4
RRX	Edison Barstow	88.64 51	P	P	22 43 16.4 +0.1
LBCM	Butte Creek Ri	88.64 44	P	P	22 43 16.6 +0.2
MLAC	Mammoth Lakes	88.69 48	P	P	22 43 16.8 +0.1
WAKR	Walker	88.72 47	eP	P	22 43 17.3 +0.5
TIN	Tinemaha	88.83 49	P	P	22 43 17.7 +0.5
M04C	Maccoed	88.83 43	P	P	22 43 17.0 -0.1
MPMC	Manual Propsec	88.86 50	P	P	22 43 16.9 -0.6

DAC	Darwin (Calif)	88.89 50	eP	P	22 43 17.7 +0.1
I03D	Drain, OR	88.92 41	P	P	22 43 17.7 +0.5
BELC	Belle Mtn. Jos	88.95 52	P	P	22 43 18.1 +0.2
GSC	Goldstone	88.98 51	P	P	22 43 17.7 -0.2
GSC	Goldstone	88.98 51	eP	P	22 43 18.3 +0.3
HEC	Hector,Ludlow	89.10 52	P	P	22 43 18.1 -0.4
SLBS	Sierra La Lagu	89.12 64	eP	P	22 43 19.9 +1.1
BC3	Big Chuckawall	89.19 53	P	P	22 43 19.2 +0.2
MPOR	Mary's Peak	89.23 40	P	P	22 43 19.8 +0.9
K04D	Chiloquin, OR	89.33 43	P	P	22 43 19.9 +0.5
GLA	Glamis	89.38 54	P	P	22 43 19.6 -0.1
GLA	Glamis	89.38 54	eP	P	22 43 20.4 +0.6
GRAC	Grapevine Rang	89.40 49	P	P	22 43 19.9 0.0
J04D	Umpqua Nationa	89.43 42	P	P	22 43 19.9 -0.1
NV01	Mina Array Sit	89.45 48	eP	P	22 43 20.2 -0.1
NV01	Mina Array Sit	89.45 48	eP	PKKPdf	PKKPbc
NVAR	Mina Array Bea	89.45 48	eP	P	22 43 20.2 -0.1
NVAR	comp-Z,25nm,0.9s,baz=226,slow=8.3,SNR=42				
NVAR	comp-Z,0.3nm,0.6s,baz=66,slow=3.7,SNR=3.6		PKPPKP	P'P'df	23 09 04.1 +2.0
FURC	Furnace Creek,	89.50 50	P	P	22 43 20.2 0.0
I04A	Tendick Farm	89.54 41	P	P	22 43 20.0 -0.3
GMRC	Granite Mounta	89.56 52	P	P	22 43 20.1 -0.7
SHOC	Shoshone	89.64 51	P	P	22 43 21.0 0.0
IRM	Iron Mountain	89.65 53	P	P	22 43 20.8 -0.2
TUQ	Turquoise Moun	89.68 51	P	P	22 43 21.1 -0.2
BROR	Big Rock Looko	89.77 41	eP	P	22 43 21.2 -0.1
EYAK	Cordova Ski Ar	89.78 20	eP	P	22 43 21.0 -0.8
G03D	McLinnville, O	89.79 40	P	P	22 43 21.6 +0.2
CIT	Chita	89.80 328	eP	P	22 43 21.4 +0.1
CIT	comp-Z,171nm,1.6s		pmax	pmax	
MOD	Modoc	89.87 44	eP	P	22 43 22.2 +0.2
K05A	Summer Lake	89.92 43	eP	P	22 43 22.8 +0.5
Y12C	Blythe	89.92 53	P	P	22 43 22.1 -0.2
RAGM	Ragged Mountain	90.00 20	eP	P	22 43 21.5 -0.5
J05D	Fort Rock, OR	90.00 42	P	P	22 43 22.6 0.0
F03A	Seaside	90.01 39	eP	P	22 43 24.8 +2.4
TPH	comp-Z,44nm,0.9s	90.02 48	eP	P	22 43 23.5 +0.6
LDFC	Landfair	90.10 52	eP	P	22 43 24.2 +1.0
H04A	Detroit Lake	90.15 41	eP	P	22 43 23.2 +0.1
TPNV	Topopah Spring	90.16 50	P	P	22 43 23.3 -0.3
TPNV	Topopah Spring	90.16 50	eP	P	22 43 23.8 +0.3
DIV	Divide	90.23 19	eP	P	22 43 22.2 -0.9
NEE2	Needles Airpor	90.32 52	P	P	22 43 23.9 -0.2
E03A	Leban	90.34 39	eP	P	22 43 24.7 +0.8
CAST	Castle Rocks	90.35 16	eP	P	22 43 21.4 -2.2
214A	Organ Pipe Nat	90.40 55	P	P	22 43 24.5 -0.1
BILL	Bilbino	90.41 358l	eP	P	22 43 23.1 -0.6
BILL	Bilbino	90.41 358l	eP	P	22 43 39.1 +5.6
BILL	comp-Z,21nm,1.5s		pmax	pmax	
BILL	comp-Z,265nm,21.0s		MLR	MLR	
F04D	Rainier, OR	90.41 39	P	P	22 43 25.3 +1.1
PDMCI	Parker Dam,Lak	90.46 53	P	P	22 43 25.1 +0.3
BMRM	Bremner River	90.47 20	eP	P	22 43 23.3 -0.9
I05D	Terrebonne, OR	90.48 41	P	P	22 43 24.8 +0.1
NLWA	Neilton Lookou	90.63 38	eP	P	22 43 26.2 +0.9
NLWA	comp-Z,1um,21.0s		LR	LR	
YAK	Yakutsk	90.65 342	eP	P	22 43 22.2 -2.7
YAK	comp-Z,11nm,0.8s		eP	eP	22 46 55.0
YAK	comp-Z,10nm,1.1s		pmax	pmax	22 54 11.9
YAK	comp-N,4.0nm,1.0s		pmax	pmax	22 55 31.4 +1.2
YAK	comp-E,3.0nm,1.1s		pmax	pmax	
YAK	comp-Z,73nm,3.3s		pmax	pmax	
YAK	comp-N,95nm,3.7s		pmax	pmax	
YAK	comp-E,45nm,3.5s		MLR	MLR	
YAK	comp-Z,417nm,19.0s		MLR	MLR	
YAK	comp-E,193nm,19.0s		MLR	MLR	
YAK	Yakutsk	90.65 342	PFAKE	LR	22 43 40.0 +15
F04A	Amboy	90.68 40	eP	P	22 43 25.8 +0.3
SHPR	Sheep Range	90.73 51	eP	P	22 43 26.6 +0.4
SHL	Shillong	90.74 297	/i/P	P	22 43 27.0 +0.5
LVP	Lakeview Peak	90.76 40	eP	P	22 43 25.9 -0.1
ULN	Ulaanbaatar	90.76 323c	/P	pmax	22 43 26.0 0.0
ULN	Ulaanbaatar	90.76 323c	eP	P	22 43 26.2 +0.2
ULN	comp-Z,70nm,1.3s		LR	LR	
TRF	Thorfare Moun	90.83 16	eP	P	22 43 24.6 -1.4
FL2	Flat Top 2	90.86 39	P	P	22 43 26.5 0.0
GTA	Gaotai	90.91 313	eP	P	22 43 27.3 +0.4
GTA	Gaotai	90.91 313	eP	P	22 43 44.9 +7.9
GTA	Gaotai	90.91 313	eP	P	22 43 51.4 +1.1
GTA	Gaotai	90.91 313	eP	P	22 47 00.1 -3.4
GTA	Gaotai	90.91 313	eP	P	

3d 22h

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Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MOY, PV01, AHID, DLMT, ANMO, TXAR, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ZALV, ZALV, ZALV, ZAA1, ZAA1, LIMON, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KBS, PTGA, BDFB, BDFB, BDFB, etc.

Main table containing flight schedules with columns for airline, flight number, departure time, arrival time, status, and aircraft type. Includes sub-sections for various airlines like Ryanair, easyJet, and others.

3d 22h

Table with columns for station name, frequency, power, and other technical details. Includes stations like SKO Skopje, ATH Athens, GECZ GERRSS Array 5, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like JAN Janina, BUM Brajici-Budva, DRO Drossia, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like PMAFR Mafra, DBIC Dimbroko, TIC Toumoudi, etc.

IS/CBJ 03 22:45:10.1 to 1.2, 24:875:0:05:69:4W:0:2, h98km, mb3.5/1, Error ellipse: s-maj=23.9km s-min=6.5km az=6.7

IDC 03 22:45:11.4 to 2.4, 24:825:69:41W, h79km, 18km, mb3.5/1, mb1 3.7/3, mb1mx3.3/26, mbtmp3.9/3, Error ellipse: s-maj=55.3km s-min=17.9km az=95.0

ISC 03 22:45:11.24 to 1.2, 24:825:0:06:69:4W:0:2, h98km, n8, e1942.12, Northern Chile

Table with columns for Code, Station Name, Az, El, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LVC Limon Verde, CFAA Coral Fontan, etc.

IDC 03 22:45:24.6 to 0.6, 52:58N:169:74W, h0km, mb4.1/18, mb1 4.3/20, mb1mx4.0/52, mbtmp4.0/20, ML3.7/2, MS3.8/3, Ms1 3.8/3, ms1mx3.3/36, Error ellipse: s-maj=20.1km s-min=13.5km az=173.0

BJJ 03 22:45:24.4 to 52:70N:169:60W, h10km, mb4.7/5, MB5.0/2, Ms4.7/2, Ms7.4/5/2

IS/CBJ 03 22:45:26.0 to 0.8, 52:70N:0:06:169:57W:0:0, h20km, 5km, mb4.2, 43, MS3.8/3, Error ellipse: s-maj=10.1km s-min=3.8km az=160.9

NEIC 03 22:45:26.9 to 0.3, 52:74N:169:55W, h10km, mb4.3/31, ML4.2(AE/C), Error ellipse: s-maj=1.8km s-min=3.3km az=159.0

NEIC Fell at Nikolski, ISC 03 22:45:27.5 to 0.7, 52:76N:0:08:169:56W:0:04, h17km, 3km, n119, e1934/119, mb4.2/43, MS3.8/3, Fox Islands

Table with columns for Code, Station Name, Az, El, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NIKH Nikolski High, OKSO Okmok South, etc.

s-min=10.5km az=47.0
DJA 04 02:29:38.0,5,4.5,4.5,10^1E, h107km,8km, M4.8/18,
mb5.1/3,mb5.4/1,MLV4.7/18,Mv(mB)4.8/1
ISC 04 02:29:35.6,0.7,3.67S,0.08:100.66E:0.07,h25km,3km,
h24km;pp-P,148,c#98/140,mb4.5/28,MS3.8/13,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Pulau Pagai, Kapahiang, Saiba, Sungai Dareh, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Khabaz, Matopo, Boshof, Fines, etc.

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

NNC 04 02:30:54.4,5.2,37.29N,72.74E,h0km,mb3.5,mpv3.1,
6C-2D, Error ellipse: s-maj=44.5km s-min=19.8km
az=150.0,Tajikistan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Sufi-Kurgan, DZherino, etc.

ISCJB 04 02:34:15.1,0.8,10.84N,0.07:62.34W,0.06,h105km,8km,
Error ellipse: s-maj=12.7km s-min=7.2km az=147.2
FUNV 04 02:34:15.3,10.94N,62.23W,h101km,MW2.8
TRN 04 02:34:17.1,10.82N,62.28W,h98km,MD3.5
ISC 04 02:34:14.3,1.5,10.82N,0.06:62.34W,0.05,
h115km,10km,n13,0.1979/21,1C,Near coast of Venezuela

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

KRNET 04 02:53:00.6,0.1,41.35N,70.16E,mb3.2
NNC 02:53:00.6,0.6,41.35N,70.16E,h0km,mb3.2,mpv2.9,
Error ellipse: s-maj=6.4km s-min=4.5km az=121.0
ISC 04 02:52:58.6,2.1,41.50N,0.05:70.06E,0.05,h8km,18km,
n14,c#166/23,11C-10U,Kyrgyzstan

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

ISCJB 04 02:30:40.0,4.0,50.26N,0.03:18.64E,0.03,h0km,Error
ellipse: s-maj=5.0km s-min=2.4km az=12.2
PRU 04 02:30:31.8,50.26N,18.68E,h0km
CSEM 04 02:30:31.0,0.3,50.28N,18.66E,h2km,ML2.5/7,Error
ellipse: s-maj=7.2km s-min=3.3km az=16.0
ISC 04 02:30:31.9,0.8,50.23N,0.03:18.69E,0.02,h0km,n30,

Table with columns: EKSz, baz=63, Erkin-Say, 3.03 65, etc. Includes station names like Aral, AAK, AAK, USP, TKM2, AB31.

CSEM 04 03:17:00.0, 37:30N-22:39E, h6km, MD2.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, etc. Includes stations like Vlachokerasia, Ithomi, Artemida-Makis, etc.

ECX 04 03:24:43.3, 0.5, 32:09N-115:07W, h10km, MD3.1, ML3.3

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, etc. Includes stations like Cerro Prieto, Yuma Desert, East Mesa, etc.

BU 04 03:33:29.0, 0.2, 45:32N-27:92E, h19km, MD1.9, 1.6D

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

TIF 04 03:38:48.0, 42:51N-43:57E, h8km, 1km

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

GUC 04 03:48:32.0, 6.6, 36:43S-73:59W, h28km, 7km, ML4.0

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

SJA 04 04:11:08.9, 1.1, 34:89S-72:78W, h33km, ML3.1

ISCBJ 04 04:11:17.8, 2.5, 34:85S-71:72W, h33km, ML3.1

GUC 04 04:11:18.8, 0.5, 34:78S-71:81W, h42km, 1km, ML3.6

ISC 04 04:11:19.5, 1.6, 34:79S-70:04W, h33km, 3km, n20, r1903/31, 2C-3D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, etc. Includes stations like Hualae0, Los Niches, Talca, Peumo, etc.

BJI 04 04:24:35.4, 23:80S-66:50W, h149km, mB5.0/31

NEIC 04 04:24:36.3, 0.5, 23:91S-66:65W, h178km, 4km, mB5.2/186

GCMT 04 04:24:36.3, 0.4, 24:01S-66:65W, h178km, 2km, MW5.1/67

Moment Tensor Solution. 628.632, 567.696; Duration: 0. Moment tensor: Scale 10^16Nm; Mr-2.78; 17; Mw-0.52; 17; Ms-3.36; 22; Me-0.84; 11; Mb-1.06; 20; Mf-4.27; 16; Best double couple: Ms5.44700x10^16

NP1.3e7, 0.00000, 873.00000, -74.00000. NP2: 0e142.00000, 823.00000, -133.00000. Principal axes: T 5.6010, P1g26.0000, Azm84.0000; N -0.3120, P1g16.0000, Azm182.0000; P -5.2920, P1g59.0000, Azm299.0000; ns1at1 refers to body waves, cutoff=40s.

ns2z2 refers to surface waves, cutoff=50s. MOS 04 04:24:36.3, 1.2, 23:80S-66:70W, h165km, mB5.1/37 Error ellipse: s-maj=5.1km s-min=3.1km az=58.0

ISCJ 04 04:24:36.3, 0.3, 23:78S-66:84W, h126km, 9km, ML4.3

ISCJ 04 04:24:36.5, 0.3, 23:78S-66:84W, h126km, 9km, ML4.3

ISCJ 04 04:24:36.5, 0.3, 23:78S-66:84W, h126km, 9km, ML4.3

ISCJ 04 04:24:36.5, 0.3, 23:78S-66:84W, h126km, 9km, ML4.3

ISCJ 04 04:24:36.5, 0.3, 23:78S-66:84W, h126km, 9km, ML4.3

ISCJ 04 04:24:36.5, 0.3, 23:78S-66:84W, h126km, 9km, ML4.3

45 2d 4h

Large table with columns: LVC, Limon Verde, 2.42 303, P, Pn, 04 25 40.5 +2.9, etc. Includes stations like Limon Verde, Limon Verde, Limon Verde, etc.

4d 4h

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes entries like Obispo Ponce, CELP, SJG, LRS, etc.

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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. Includes entries like Art, Heron Place, Lometa, Junction City, etc.

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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. Includes entries like Olney, Y32A, U38A, etc.

U30A	baz=68,SNR=10	68.16332	P	P	04 35 17.1	-0.1
V28A	WK&E Inc. Balk	68.23 329	P	P	04 35 17.7	0.0
R34A	baz=68,SNR=41	68.23 335	P	P	04 35 17.1	-0.4
Q35A	Isabella, Hill	68.25 336	P	P	04 35 16.9	-0.8
U29A	Mercer Eighty,	68.37 331	P	P	04 35 18.6	+0.1
S32A	Oasis Ranch, S	68.40 333	P	P	04 35 18.8	+0.2
121A	Newby Ranch, P	68.50 323	P	P	04 35 20.6	+1.1
121A	Cookes Peak, D	68.50 323	eP	P	04 35 20.0	+0.5
V27A	Cookes Peak, D	68.52 329	P	P	04 35 19.3	-0.2
R33A	Dan Oppiger Fa	68.53 334	P	P	04 35 18.8	-0.6
T30A	Olander Ranch,	68.54 331	P	P	04 35 19.5	-0.1
S31A	Plains	68.56 332	P	P	04 35 19.6	0.0
P36A	Mullinville	68.61 337	P	P	04 35 18.8	-1.1
L0NY	Good Intent, A	68.62 354	eP	P	04 35 19.1	-0.6
Q34A	Lake Ozonia	68.65 335	P	P	04 35 19.5	-0.6
K3U1	Chapman	68.68 335	P	P	04 35 19.5	-0.8
KSU1	Kansas State U	68.68 335	eP	P	04 35 19.2	-1.1
U28A	Mallet	68.74 330	P	P	04 35 20.6	-0.3
P35A	Duane Minner,	68.83 336	P	P	04 35 20.2	-1.1
R32A	Long Quarter,	68.93 334	P	P	04 35 21.6	-0.2
T29A	Hugoton	68.96 331	P	P	04 35 22.0	-0.2
Q36A	Bolckow	68.98 337	P	P	04 35 21.0	-1.1
S30A	Montezuma	69.00 332	P	P	04 35 22.2	-0.1
U27A	Thompson Grove	69.05 329	P	P	04 35 22.6	-0.3
Q33A	Connolly Farm,	69.07 334	P	P	04 35 22.3	-0.4
R31A	Burdett	69.15 333	P	P	04 35 23.2	-0.1
P34A	Walnut Farm, R	69.15 335	P	P	04 35 22.9	-0.3
Y22D	IRIS PASSCAL I	69.22 325	P	P	04 35 24.7	+0.8
LPM	Los Pinos Moun	69.25 325	eP	P	04 35 24.9	+0.7
S29A	Ulysses	69.27 331	P	P	04 35 24.2	+0.2
T28A	Walsh	69.30 330	P	P	04 35 23.8	-0.5
Q32A	Mettler Ranch,	69.35 334	P	P	04 35 24.2	-0.2
P33A	Williams Farm,	69.39 335	P	P	04 35 24.3	-0.4
Q35A	Humboldt	69.44 337	P	P	04 35 23.4	-1.6
R30A	Dighton	69.46 332	P	P	04 35 25.1	-0.1
T27A	Campo	69.53 330	P	P	04 35 25.6	-0.2
LAZ	Ladron	69.58 325	eP	P	04 35 27.0	+0.7
S28A	Mante	69.59 331	P	P	04 35 25.9	-0.2
ANMO	Albuquerque	69.65 326	d/P	P	04 35 27.1	+0.5
ANMO	comp=Z,173nm,0.7s	69.65 326	eP	P	04 35 27.2	+0.6
ANMO	Albuquerque	69.66 336	P	P	04 35 25.4	-0.9
Q34A	Beatrice	69.68 333	P	P	04 35 26.7	+0.2
CBKs	Cedar Bluff	69.70 333	P	P	04 35 26.7	+0.1
Q31A	Ellis	69.70 333	P	P	04 35 26.7	+0.1
N35A	Tabor	69.87 337	P	P	04 35 26.6	-0.9
Q33A	Hebron	69.90 335	P	P	04 35 27.4	-0.4
P32A	Huiting Farm,	69.91 334	P	P	04 35 27.4	-0.5
R29A	Marietta	69.95 332	P	P	04 35 28.2	0.0
JFWS	Jewell Farm	69.98 342	eP	P	04 35 27.3	-0.9
JFWS	comp=Z,158nm,0.6s	69.98 342	eP	P	04 35 27.3	-0.9
JFWS	Jewell Farm	70.01 321	eP	P	04 35 29.0	+0.3
TUC	Tucson	70.01 321	eP	P	04 35 29.0	+0.3
TUC	comp=Z,55nm,1.2s	70.01 321	eP	P	04 35 29.0	+0.3
Q30A	Quinter	70.02 333	P	P	04 35 28.9	+0.3
T26A	Comanche Natio	70.02 329	P	P	04 35 29.2	+0.4
S27A	Las Animas	70.12 330	P	P	04 35 29.0	0.0
P31A	Stockton	70.13 334	P	P	04 35 29.2	0.0
N34A	Lincoln	70.16 336	P	P	04 35 28.4	-0.9
R28A	Tribune	70.17 331	P	P	04 35 29.4	-0.2
Q29A	Oakley	70.27 332	P	P	04 35 30.0	-0.1
PQI	Presque Isle	70.30 359	eP	P	04 35 29.2	-0.8
Q32A	Brockman Farm,	70.33 335	P	P	04 35 30.1	-0.3
T25A	Trinidad	70.38 329	P	P	04 35 31.7	+0.7
M35A	Neola	70.42 337	P	P	04 35 30.1	-0.8
N33A	J Bar K, Exete	70.42 336	P	P	04 35 30.6	-0.4
P30A	Selden	70.51 333	P	P	04 35 31.6	0.0
R27A	Eads	70.56 331	P	P	04 35 31.8	-0.2
Q31A	Woolen Ranch,	70.65 334	P	P	04 35 32.2	-0.2
N32A	Stulken Farm,	70.77 335	P	P	04 35 32.8	-0.3
M34A	Aspy Farms, F	70.77 337	P	P	04 35 32.3	-0.7
Q28A	Sharon Springs	70.78 332	P	P	04 35 33.2	0.0
P29A	Atwood	70.84 333	P	P	04 35 33.6	+0.1
R26A	Arlington	70.87 330	P	P	04 35 34.1	+0.3
214A	Organ Pipe Nat	70.94 320	P	P	04 35 35.4	+1.1
214A	Organ Pipe Nat	70.94 320	eP	P	04 35 35.1	+0.8
L35A	Bielow Farm, R	70.94 338	P	P	04 35 33.4	-0.6
Q30A	MW Ranch, Wils	70.97 334	P	P	04 35 34.4	+0.1
M33A	Taylor Creek F	71.05 336	P	P	04 35 33.8	-1.0
N31A	Bailey Ranch,	71.07 335	P	P	04 35 34.9	0.0
KSCO	Kaye Shedlock	71.08 331	P	P	04 35 35.6	+0.5
KSCO	Kaye Shedlock	71.08 331	eP	P	04 35 35.7	+0.6
L34A	Svensden Farm,	71.10 337	P	P	04 35 34.2	-0.8
P28A	Saint Francis	71.17 332	P	P	04 35 35.9	+0.3
O29A	4D Ranch, Culb	71.23 333	P	P	04 35 36.2	+0.3

BGNE	Belgrade	71.27 336	P	P	04 35 35.9	-0.1
K35A	Storm Lake	71.37 338	P	P	04 35 35.9	-0.7
SDCO	Great Sand Dun	71.39 328	P	P	04 35 37.9	+0.7
SDCO	Great Sand Dun	71.39 328	eP	P	04 35 37.7	+0.6
Q26A	Hugo	71.41 330	P	P	04 35 37.7	+0.6
N30A	Hueftle Ranch,	71.51 334	P	P	04 35 37.7	+0.1
P27A	Ficken Ranch,	71.51 331	P	P	04 35 38.0	+0.3
W18A	Petrified Fore	71.51 324	P	P	04 35 38.6	+0.7
W18A	Petrified Fore	71.51 324	eP	P	04 35 38.6	+0.7
M31A	Le Mars	71.53 335	P	P	04 35 37.9	+0.2
L33A	Hoskins	71.60 337	P	P	04 35 37.0	-1.0
K34A	Le Mars	71.63 338	P	P	04 35 37.3	-0.8
O28A	Krutsinger Ran	71.64 332	P	P	04 35 38.7	+0.3
L32A	Elgin	71.73 336	P	P	04 35 38.0	-0.8
N29A	Votaw Ranch, W	71.74 334	P	P	04 35 39.0	0.0
P26A	Davis Ranch, A	71.85 331	P	P	04 35 40.1	+0.3
K33A	Hardington	71.88 337	P	P	04 35 39.0	-0.6
J35A	Milford	71.93 339	P	P	04 35 38.9	-1.0
O27A	Beecher Island	71.99 332	P	P	04 35 41.3	+0.8
N28A	Pribbeno Ranch	72.01 333	P	P	04 35 40.8	+0.3
S22A	4UR Ranch, Cre	72.03 328	P	P	04 35 41.6	+0.6
M30A	Dale-Ortello V	72.04 334	P	P	04 35 41.0	+0.2
J34A	Georg	72.11 338	P	P	04 35 40.3	-0.8
L31A	Butterfield Fa	72.19 335	P	P	04 35 41.6	0.0
Q24A	Divide	72.19 329	P	P	04 35 42.6	+0.6
K32A	Verdigre	72.28 336	P	P	04 35 41.0	-1.1
M29A	Burnside Ranch	72.29 334	P	P	04 35 42.6	+0.4
L30A	Speer Herefo	72.33 335	P	P	04 35 42.7	+0.3
O26A	Horse Wrangler	72.40 331	P	P	04 35 43.6	+0.6
OGNE	Ogallala	72.43 333	P	P	04 35 43.3	+0.3
OGNE	Ogallala	72.43 333	eP	P	04 35 43.0	-0.1
MVCO	Mesa Verde	72.45 326	P	P	04 35 44.1	+0.7
MVCO	Mesa Verde	72.45 326	eP	P	04 35 44.2	+0.7
J33A	Davis	72.49 337	P	P	04 35 42.7	-0.6
N27A	Anderson Farm,	72.53 332	P	P	04 35 44.0	+0.4
M28A	Bar X Bar Ranc	72.53 333	P	P	04 35 44.3	+0.6
COWI	Conover	72.63 344	eP	P	04 35 43.0	-1.0
WUAZ	Wupatki	72.70 323	P	P	04 35 46.0	+1.2
WUAZ	Wupatki	72.70 323	eP	P	04 35 46.1	+1.2
L29A	Maesberg Ranch	72.73 334	P	P	04 35 45.0	+0.2
ECSD	EROS Data Cent	72.73 338	P	P	04 35 44.1	-0.7
ECSD	EROS Data Cent	72.73 338	eP	P	04 35 44.0	-0.7
I34A	Hadley Springs	72.75 338	P	P	04 35 44.0	-0.8
N26A	Koester Ranch,	72.84 332	P	P	04 35 46.0	+0.5
SPMN	St. Paul	72.84 341	P	P	04 35 44.2	-1.0
SPMN	St. Paul	72.84 341	eP	P	04 35 44.3	-1.0
J32A	Parkston	72.86 337	P	P	04 35 44.6	-0.8
GLA	Glamis	72.91 319	eP	P	04 35 46.4	+0.4
GLA	Glamis	72.91 319	P	P	04 35 46.9	+0.9
GLA	Glamis	72.91 319	eP	P	04 35 46.4	+0.4
K30A	Basset	72.91 335	P	P	04 35 45.8	0.0
M27A	Reverse DX Ran	73.06 333	P	P	04 35 47.5	+0.7
ISCO	Idaho Springs	73.08 330	eP	P	04 35 47.7	+0.5
ISCO	Idaho Springs	73.08 330	P	P	04 35 47.6	+0.5
ISCO	Idaho Springs	73.08 330	eP	P	04 35 47.7	+0.5
L28A	Connealy Angu	73.10 334	P	P	04 35 47.6	+0.5
J31A	Geddes	73.11 336	P	P	04 35 46.3	-0.6
PV01	Paradox Valley	73.20 327	eP	P	04 35 48.5	+0.7
Y12C	Blythe	73.22 320	P	P	04 35 48.8	+1.0
SMCO	Snowmass	73.22 328	eP	P	04 35 49.1	+1.0
K29A	Lazy Trails An	73.26 335	P	P	04 35 48.1	+0.3
H34A	Spellman Lake,	73.28 339	P	P	04 35 47.2	-0.7
I32A	Kent and Nic	73.29 337	P	P	04 35 47.5	-0.5
M26A	McRoberts Ranc	73.33 332	P	P	04 35 48.9	+0.5
PDMOI	Parker Dam Lak	73.39 320	P	P	04 35 49.3	+0.6
IBP	Imperial Bould	73.41 318	P	P	04 35 49.8	+0.8
SWSC	Sam W Stewart	73.42 318	P	P	04 35 49.7	+0.8
J30A	Dallas	73.42 336	P	P	04 35 48.4	-0.4
L27A	T5 Ranch, Ellis	73.49 333	P	P	04 35 50.0	+0.7
SYO	Syowa Base	73.50 159f	eP	P	04 35 48.4	-0.5
PV04	Paradox Valley	73.56 327	eP	P	04 35 50.6	+0.7
H33A	Prehn Over Nor	73.61 338	P	P	04 35 49.5	-0.3
K28A	Ten Mile Ranch	73.63 334	P	P	04 35 50.9	+0.8
I31A	Royce, Wessing	73.67 337	P	P		

Q24A	Divide	93.81	48	P	P	04 59 37.1 +1.1
Q24A	Divide	93.81	48	PFAKE	LR	04 59 50.0 +1.4
WRH	Wood River Hill	93.87	12	eP		04 59 35.3 +0.1
WRH				ePP	PP	05 03 17.5 -3.8
X29A	Tulia	93.88	53	P	P	04 59 36.8 +0.7
634A	China Grove, S	93.90	59	P	P	04 59 37.1 +1.0
MLY	Manley	93.91	11	eP		04 59 34.9 -0.4
W28A	Vega	93.93	52	P	P	04 59 36.6 +0.3
T26A	Comanche Natio	93.94	50	P	P	04 59 37.0 +0.6
ISCO	Idaho Springs	93.95	47	eP		04 59 37.5 +1.0
ISCO				e		05 03 24.9
ISCO				pmax	pmax	
ISCO				MLR	MLR	
ISCO	Idaho Springs	93.95	47	P	P	04 59 37.3 +0.8
ISCO	Idaho Springs	93.95	47	eP		04 59 37.5 +1.0
ISCO				ePP	PP	05 03 24.9 +2.0
ISCO				LR	LR	
131A	Roly	93.96	55	P	P	04 59 36.6 +0.2
433A	Art	93.99	58	P	P	04 59 36.8 +0.2
HRY	Holter Researc	94.00	39	eP		04 59 37.6 +1.2
HDA	Harding Lake	94.03	13	eP		04 59 36.2 +0.3
HDA				ePP	PP	05 03 18.2 -4.3
HDA				LR	LR	
735A	Kenedy	94.06	60	P	P	04 59 38.1 +1.2
CCB	Clear Creek Bu	94.08	12	eP		04 59 35.9 -0.2
CCB				LR	LR	
U27A	Thompson Grove	94.08	51	P	P	04 59 37.2 +0.2
534A	Bianco	94.11	58	P	P	04 59 37.5 +0.3
232A	Coleman	94.12	56	P	P	04 59 37.6 +0.4
I19A	Meeteetse	94.12	42	P	P	04 59 38.0 +0.8
V28A	Channing	94.17	52	P	P	04 59 38.2 +0.8
Y30A	Stafford Cattl	94.18	54	P	P	04 59 37.4 -0.1
W29A	Amrillo	94.26	53	P	P	04 59 38.3 +0.5
WALA	Waterton Lakes	94.27	36	eP		04 59 38.5 +0.9
WALA				ePP	PP	05 03 22.6 -2.3
WALA				LR	LR	
COLA	College	94.28	12	dP	P	04 59 36.2 -0.8
COLA				i*PP	pP	04 59 51.4 +9.2
COLA				pmax	pmax	
COLA	College	94.28	12	eP		04 59 37.4 +0.5
COLA				LR	LR	
MDM	Murphy Dome	94.28	12	PFAKE	LR	04 59 50.0 +1.3
MDM				LR	LR	
J20A	Shoshoni	94.30	43	P	P	04 59 39.0 +1.1
IM0A	Indian Mountai	94.31	9	eP		04 59 37.3 +0.1
N23A	Red Feather La	94.31	46	P	P	04 59 39.0 +0.9
N23A	Red Feather La	94.31	46	eP		04 59 39.6 +1.4
N23A				LR	LR	
635A	Leesville	94.34	59	P	P	04 59 38.8 +0.6
333A	Richland Sprin	94.35	57	P	P	04 59 38.6 +0.4
HIA	Hailar	94.35	324	PFAKE	LR	04 59 50.0 +1.2
HIA				LR	LR	
ILAR	Eielson Array	94.37	12	P	P	04 59 37.1 -0.3
ILAR				eP	PP	05 03 22.7 -2.5
ILAR				LR	LR	05 07 25.4
ILAR				LR	LR	
ILAR	Eielson Array	94.37	12	P	P	04 59 37.2 -0.3
ILAR				pmax	pmax	05 03 22.7
ILAR				pmax	pmax	
ILB	Eielson Array	94.37	12	eP	P	04 59 37.1 -0.3
ILB				ePP	PP	05 03 22.7 -2.5
HHC	Hu-ho-hao-te	94.38	314	eP	SKS	04 59 41.7 +3.5
HHC				SKS	SKSac	05 10 13.6 +0.7
HHC				SKS	S	05 10 50.8 -0.1
HHC				PMZ		
HHC				PMZ		
HHC				LN		
HHC				LE		
HHC				LZ		
Z31A	Sharp Cattl	94.45	55	P	P	04 59 38.7 +0.1
X30A	Coker Ranch, T	94.48	54	P	P	04 59 39.4 +0.6
T27A	Campo	94.48	51	P	P	04 59 39.4 +0.6
U28A	Mallet	94.48	51	P	P	04 59 39.3 +0.5
H19A	Powell	94.48	42	P	P	04 59 40.0 +1.3
ABTX	Abiene, Hawle	94.48	56	P	P	04 59 39.2 +0.4
ABTX	Abiene, Hawle	94.48	56	eP		04 59 39.8 +1.0
ABTX				LR	LR	
RLMT	Red Lodge	94.57	41	P	P	04 59 40.1 +1.0
120A	Worland	94.60	43	P	P	04 59 39.9 +0.7
R26A	Arlington	94.61	49	P	P	04 59 39.8 +0.4
434A	Burne	94.64	58	P	P	04 59 39.5 0.0
S27A	Las Animas	94.67	50	P	P	04 59 40.6 +0.9
Y31A	Rekieta Farm,	94.68	54	P	P	04 59 40.3 +0.6
J21A	Lysite	94.69	43	P	P	04 59 40.5 +0.8
GCMT	Greycliff	94.71	40	eP		04 59 41.2 +1.6
V29A	Stimnett	94.72	52	P	P	04 59 40.9 +1.0
535A	Dale	94.80	59	P	P	04 59 40.7 +0.5
PHWY	Pilot Hill	94.84	46	eP		04 59 40.6 +0.1
PHWY				LR	LR	
K22A	Casper	94.88	44	P	P	04 59 41.1 +0.5
K22A	Casper	94.88	44	eP		04 59 41.3 +0.7

K22A	K22A	94.88	49	P	ePP	04 59 41.2 +0.5
K22A				LR	PP	
Q26A	Hug	94.88	49	P	P	04 59 41.2 +0.5
CD2	Chengdu	94.89	302	P	P	04 59 42.2 +1.4
CD2				pP	pP	04 59 55.4 +9.4
CD2				SKS	SKSac	05 03 32.3 +2.2
CD2				S	S	05 10 14.0 -2.0
CD2				SS	SS	05 17 22.5 +2.5
CD2				PMZ		
CD2				PMZ		
CD2				LN		
CD2				LZ		
334A	Lometa	94.91	57	P	P	04 59 41.1 +0.4
LVC	Limon Verde	94.92	118	eP		04 59 44.1 +2.7
LVC				LR	LR	
T28A	Walsh	94.93	51	P	P	04 59 41.1 +0.2
Z32A	Haskell	94.94	55	P	P	04 59 41.5 +0.7
636A	Smothers Creek	94.94	60	P	P	04 59 41.3 +0.4
H20A	Greybull	94.97	42	P	P	04 59 41.1 +0.2
133A	Hamilton Ranch	95.01	56	P	P	04 59 41.6 +0.4
I21A	Big Trails, Te	95.03	43	P	P	04 59 41.6 +0.3
R27A	Eads	95.04	50	P	P	04 59 41.5 +0.2
W30A	Crocket Farms	95.05	53	P	P	04 59 41.9 +0.4
737A	Port Lavaca	95.08	60	P	P	04 59 41.8 +0.3
U29A	Oasis Ranch, S	95.18	52	P	P	04 59 42.0 0.0
536A	Bastrop	95.21	59	P	P	04 59 42.6 +0.4
X31A	McDonald Ranch	95.21	54	P	P	04 59 42.1 0.0
G20A	Bridge	95.24	41	P	P	04 59 42.7 +0.6
BTO	Baotou	95.25	313	eP		04 59 47.0 +4.8
V30A	Spur Ranch, Mi	95.25	53	P	P	04 59 43.4 +1.1
Y32A	R-W Farms, Ver	95.30	55	P	P	04 59 42.9 +0.5
234A	Clairette	95.31	57	P	P	04 59 42.9 +0.4
S28A	Mante	95.31	50	P	P	04 59 42.8 +0.3
J22A	Midwest	95.31	44	P	P	04 59 43.0 +0.4
P26A	Davis Ranch, A	95.32	48	P	P	04 59 43.3 +0.6
DAWY	Dawson	95.38	16	eP		04 59 43.1 +0.9
Z33A	Whitaker Ranch	95.45	55	P	P	04 59 43.9 +0.7
BILL	Bilibino	95.47	354	eP		04 59 42.8 +0.4
BILL				e		05 03 35.9
BILL				pmax	pmax	
BILL				pmax	pmax	
BILL				eP	P	04 59 43.0 +0.6
BILL				eP	P	04 59 43.8 +0.4
K23A	Bowen Ranch, D	95.48	45	P	P	04 59 44.1 +0.8
335A	Moody	95.50	58	P	P	04 59 44.0 +0.6
W31A	Holland Ranch,	95.51	53	P	P	04 59 44.2 +0.7
T29A	Hugoton	95.51	51	P	P	04 59 44.0 +0.5
KSCO	Kaye Shedlock	95.52	49	P	P	04 59 44.2 +0.6
KSCO	Kaye Shedlock	95.52	49	eP		04 59 42.8 -0.8
KSCO				LR	LR	
I22A	9 Mile Ranch,	95.57	43	P	P	04 59 44.1 +0.5
EGAK	Eagle	95.57	15	eP		04 59 43.6 +0.7
EGAK				LR	LR	
F20A	Billings	95.60	41	P	P	04 59 44.9 +1.2
X32A	Elmer	95.61	54	P	P	04 59 44.2 +0.3
134A	White-Oore Ra	95.62	56	P	P	04 59 44.5 +0.5
H21A	Big Horn, Sher	95.62	42	P	P	04 59 44.5 +0.6
U30A	WK&E Inc. Balk	95.66	52	P	P	04 59 45.0 +0.8
O26A	Horse Wrangler	95.69	48	P	P	04 59 44.7 +0.4
436A	Wall Ranch, Ga	95.74	59	P	P	04 59 44.9 +0.3
R28A	Tribune	95.74	50	P	P	04 59 44.9 +0.4
537A	Green Hill Far	95.79	59	P	P	04 59 44.9 +0.2
WHTX	Lake Whitney	95.81	57	P	P	04 59 45.1 +0.2
WHTX	Lake Whitney	95.81	57	PFAKE	LR	05 00 00.0 +1.5
WHTX				LR	LR	
M25A	Palm-Egill Farm	95.81	46	P	P	04 59 45.4 +0.6
P27A	Ficken Ranch,	95.83	49	P	P	04 59 45.7 +0.8
G21A	Lodge Grass	95.84	42	P	P	04 59 45.7 +0.9
V31A	Spring Creek L	95.86	53	P	P	04 59 46.4 +1.3
S29A	Ulysses	95.86	51	P	P	04 59 45.6 +0.5
J23A	Ditts Ranch, B	95.88	44	P	P	04 59 45.6 +0.5
Y33A	Hilltop Ranch,	95.89	55	P	P	04 59 45.8 +0.6
EGMT	Eagleton	95.91	39	P	P	04 59 45.9 +0.8
EGMT	Eagleton	95.91	39	eP		04 59 46.7 +1.7
EGMT				LR	LR	
W32A	Sentinel	95.98	54	P	P	04 59 46.3 +0.7
K24A	Anderson Ranch	95.99	45	P	P	04 59 46.5 +0.9
336A	Riesel	95.99	58	P	P	04 59 46.3 -0.4
T30A	Plains	96.00	51	P	P	04 59 46.3 +0.6
COLD	Coldfoot	96.02	10	eP		04 59 47.3 +2.4
COLD				ePP	PP	05 03 41.8 +3.9
COLD				LR	LR	
H22A	Clearmont	96.02	43	P	P	04 59 46.5 +0.9
N26A	Koester Ranch,	96.05	47	P	P	04 59 46.6 +0.7
Q28A	Sharon Springs	96.09	49	P	P	04 59 47.1 +1.0
TGUH	Teaguegalpa,Un	96.10	77	PFAKE	LR	05 00 00.0 +1.3
TGUH				LR	LR	
135A	Vickery Place,	96.11	57	P	P	04 59 46.7 +0.5
Z34A	Collier Ranch,	96.11	56	P	P	04 59 46.9 +0.6
WMOK	Wichita Mounta	96.13	54	eP		04 59 47.2 +0.9
WMOK				pmax	pmax	

WMOK				MLR	MLR	
WMOK	Wichita Mounta	96.13	54	eP		04 59 47.2 +0.9
WMOK				LR	LR	
U31A	Nine Bar Ranch	96.14	52	P	P	04 59 47.2 +0.8
O27A	Beecher Island	96.21	48	P	P	04 59 47.7 +1.1
F21A	Abaloka Mine,	96.22	41	P	P	04 59 47.5 -0.1
I23A	Meade Ranch, G	96.23	44	P	P	04 59 47.2 +0.6
L25A	Engelbretsen Ra	96.24	46	P	P	04 59 47.2 +0.5
X33A	Lawton	96.24	54	P	P	04 59 46.8 +0.1
R29A	Marienthal	96.24	50	P	P	04 59 47.8 +1.0
FYU	Fort Yukon	96.28	12	PFAKE	LR	05 00 00.0 +1.4
FYU				LR	LR	
S30A	Montezuma	96.33	51	P	P	04 59 47.9 +0.7
G22A	Birney	96.39	42	P	P	04 59 48.7 +1.4
P28A	Saint Francis	96.39	49	P	P	04 59 48.4 +0.9
J24A	Dixon Ranch, L	96.40	44	P	P	04 59 48.6 +1.2
V32A	Arapaho	96.41	53	P	P	04 59 48.5 +0.9
M26A	McRoberts Ranc	96.42	47	P	P	04 59 49.0 +1.4
N27A	Anderson Farm,	96.48	47	P	P	04 59 48.7 +0.

2010 AUG

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NCB Newcomb, TRY Troy, ABPO Ambohimpanom, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ARAO ARCES ARCESS Array B, AREO ARCESS Array S, ARES ARCESS Array B, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SOC SOC, KOPT Kop Dagi, ASK Askoy, AYD Ay-tepe-Bay, etc.

BRTR	comp=Z,2.6nm,1.0s,baz=101,slow=1.5,SNR=7.5	PKIKP	05 06 11.7	-1.3		
BRTR	comp=Z,7.7nm,0.9s,baz=132,slow=1.8,SNR=12	PKIKP	05 06 05.0	-1.4		
BRTR	comp=Z,3.0nm,1.0s	pmax	05 06 11.7			
BRTR	comp=Z,8.0nm,0.9s	pmax				
ROSA	Roisais	151.45 58	PFAKE	LR	05 06 20.0	-0.8
MERS	Mersin	151.47 298	eP	PKPbc	05 06 10.0	-2.6
GALI	Galloway	151.53 9	eP	PKPbc	05 06 11.9	-0.1
GKP	Gorka Klasztor	151.59 342	ePKP	PKPbc	05 06 12.2	+0.1
GKP	Gorka Klasztor	151.59 342	ePKP	PKPbc	05 06 12.3	+0.1
BEL	Belsk	151.68 336	ePKP	PKPbc	05 06 12.9	+0.4
BEL	Belsk	151.68 336	ePKP	PKPbc	05 06 12.9	+0.4
YESY	Yesilyurt	151.88 300	eP	PKPbc	05 06 13.5	-0.1
L'vov	L'vov	151.94 330	ePKP	PKPbc	05 06 13.1	0.0
AFSR	Af ar-Bala (A)	151.95 304	eP	PKPbc	05 06 11.5	-2.1
KESW	Keswick, Cumb	152.00 7	eP	PKPbc	05 06 12.9	-0.3
KESW	Keswick, Cumb	152.00 7	eP	AMS	05 06 10.9	0.4
LCP	Cassop	152.02 5	eP	PKPbc	05 06 12.9	-0.2
ANTO	Ankara	152.02 305	PKIKP	PKPbc	05 06 11.5	-2.3
ANTO	Ankara	152.02 305	PKIKP	PKPbc	05 06 11.5	-2.3
BCAM	Yenicaga	152.23 307	iP	PKPbc	05 06 13.0	-1.2
CHBY	Cihanbeyli	152.33 302	eP	PKPbc	05 06 11.9	-2.6
LFK	Lefka	152.54 295	eP	PKPbc	05 06 15.5	+0.5
SACV	Santiago Islan	152.62 110	PFAKE	LR	05 06 20.0	+4.3
KWP	Kalwaria Pacia	152.65 331	ePKP	PKPbc	05 06 14.8	0.0
KWP	Kalwaria Pacia	152.65 331	ePKP	PKPbc	05 06 14.9	+0.1
CS	Prodhromos	152.76 295	eP	PKPbc	05 06 16.2	+0.7
CS	Prodhromos	152.76 295	eP	PKPbc	05 06 15.1	-0.4
ERMK	Ermek	152.78 298	iP	PKPbc	05 06 16.2	+0.5
CFR	Carcalui	152.81 319	PKIKP	PKPbc	05 06 12.3	-2.9
DSB	Dublin	152.81 12	PFAKE	LR	05 06 20.0	+5.0
TSR	Tescani	152.87 322	iP	PKPbc	05 06 14.8	-0.6
KONT	Konya-Tatoy	152.90 301	eP	PKPbc	05 06 16.5	+0.7
BURAR	Bucovina Array	152.92 326	PKIKP	PKPbc	05 06 16.4	+0.9
BURAR	Bucovina Array	152.92 326	PKIKP	PKPbc	05 06 16.4	+0.9
KDHN	Kadinhani	152.93 303	iP	PKPbc	05 06 15.5	-0.4
AUMIH	MIHALICIK	152.98 306	eP	PKPbc	05 06 15.0	-1.0
TIRR	Tirgusor	153.03 317	ePKP	PKPbc	05 06 12.8	-2.9
TIRR	Tirgusor	153.03 317	ePKP	PKPbc	05 06 12.8	-2.9
TIRR	Tirgusor	153.03 317	ePKP	PKPbc	05 06 12.8	-2.9
HDMB	Hadim	153.05 299	eP	PKPbc	05 06 15.5	-0.8
LEF	Lefka	153.09 295	eP	PKPbc	05 06 13.5	-2.7
SVRH	Sivrihisar-ESK	153.09 305	eP	PKPbc	05 06 23.1	-4.7
RUE	Ruedersdorf	153.19 345	PFAKE	LR	05 06 20.0	+4.2
HARR	Harsova	153.20 318	PKIKP	PKPbc	05 06 16.8	+0.7
HARR	Harsova	153.20 318	PKIKP	PKPbc	05 06 16.8	+0.7
VRI	Vrincioaia	153.22 321	PKIKP	PKPbc	05 06 16.1	-0.1
PJOR	Plostinia	153.27 321	PKIKP	PKPbc	05 06 13.0	-3.3
PLOR	Plostinia	153.27 321	PKIKP	PKPbc	05 06 13.0	-3.3
OJC	Ojcow	153.36 335	ePKP	PKPbc	05 06 11.3	-5.0
OJC	Ojcow	153.36 335	ePKP	PKPbc	05 06 16.2	-0.1
OJC	Ojcow	153.36 335	ePKP	PKPbc	05 06 11.4	-4.9
OJC	Ojcow	153.36 335	ePKP	PKPbc	05 06 16.1	-0.1
KOLS	Kolonickie sedl	153.37 331	ePKP	PKPbc	05 06 09.4	+0.6
SEYT	Esikpehyr	153.55 305	iP	PKPbc	05 06 16.3	-0.9
UZH	Uzhgorod	153.58 330	ePKP	PKPbc	05 06 14.4	-2.4
UZH	Uzhgorod	153.58 330	ePKP	PKPbc	05 06 23.2	
UZH	Uzhgorod	153.58 330	ePKP	PKPbc	05 13 14.4	
UZH	Uzhgorod	153.58 330	ePKP	PKPbc	05 13 39.8	
BORA	Eskisehir	153.72 306	iP	PKPbc	05 06 16.9	-0.6
NIE	Niedzica	153.81 334	ePKP	PKPbc	05 06 12.0	+2.5
NIE	Niedzica	153.81 334	ePKP	PKPbc	05 06 12.0	+2.5
TRPA	Tarpa	153.84 329	PKIKP	PKPbc	05 06 12.1	+4.8
MLR	Muntele Rosu	153.88 321	PKIKP	PKPbc	05 06 10.0	+0.2
MLR	Muntele Rosu	153.88 321	PKIKP	PKPbc	05 06 10.0	+0.2
DOPR	Dopca	153.90 323	iP	PKPbc	05 06 13.7	-3.9
KSP	Ksiaz	154.01 340	ePKP	PKPbc	05 06 12.5	-5.1
KSP	Ksiaz	154.01 340	ePKP	PKPbc	05 06 18.1	+0.5
KSP	Ksiaz	154.01 340	ePKP	PKPbc	05 06 12.6	-5.1
ADVT	Abdulvahap	154.02 308	eP	PKPbc	05 06 19.0	+1.0
CWF	Charnwood Fore	154.02 6	PFAKE	LR	05 06 20.0	+2.4
CWF	Charnwood Fore	154.02 6	PFAKE	LR		
BAGO	Egridir - ISPA	154.08 302	iP	PKPbc	05 06 27.0	-4.9
OKC	Ostrava-Krasne	154.27 337	ePKP	PKPbc	05 06 10.1	+0.1
OKC	Ostrava-Krasne	154.27 337	ePKP	PKPbc	05 06 18.8	+0.5
OKC	Ostrava-Krasne	154.27 337	ePKP	PKPbc	05 06 27.7	-4.5
OKC	Ostrava-Krasne	154.27 337	ePKP	PKPbc	05 06 35.2	+1.7
OKC	Ostrava-Krasne	154.27 337	ePKP	PKPbc	05 06 38.5	
OKC	Ostrava-Krasne	154.27 337	ePKP	PKPbc	05 06 52.1	
OKC	Ostrava-Krasne	154.27 337	ePKP	PKPbc	05 10 05.9	-0.8
OKC	Ostrava-Krasne	154.27 337	ePKP	PKPbc	05 13 37.8	
OKC	Ostrava-Krasne	154.27 337	ePKP	PKPbc	05 20 47.4	
OKC	Ostrava-Krasne	154.27 337	ePKP	PKPbc	05 29 41.3	-3.8
OKC	Ostrava-Krasne	154.27 337	ePKP	PKPbc	06 16 50.0	
OKC	Ostrava-Krasne	154.27 337	ePKP	PKPbc	05 06 10.1	+0.1
OKC	Ostrava-Krasne	154.27 337	ePKP	PKPbc	05 06 18.8	+0.5
OKC	Ostrava-Krasne	154.27 337	ePKP	PKPbc	05 06 27.7	-4.5
OKC	Ostrava-Krasne	154.27 337	ePKP	PKPbc	05 06 35.2	+1.7
OKC	Ostrava-Krasne	154.27 337	ePKP	PKPbc	05 06 38.5	
OKC	Ostrava-Krasne	154.27 337	ePKP	PKPbc	05 06 52.1	
OKC	Ostrava-Krasne	154.27 337	ePKP	PKPbc	05 10 05.9	-0.8
OKC	Ostrava-Krasne	154.27 337	ePKP	PKPbc	05 13 37.8	
OKC	Ostrava-Krasne	154.27 337	ePKP	PKPbc	05 20 47.4	
OKC	Ostrava-Krasne	154.27 337	ePKP	PKPbc	05 29 41.3	-3.8
OKC	Ostrava-Krasne	154.27 337	ePKP	PKPbc	06 16 50.0	
ISP	isparta	154.33 302	PFAKE	LR	05 06 20.0	+1.0
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 11.2	+1.0
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 19.2	+0.7
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 25.0	-7.7
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 29.2	
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 33.4	+1.5
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 41.5	
UPC	Upice	154.39 340	ePKP	PKPbc	05 10 06.1	-1.2
UPC	Upice	154.39 340	ePKP	PKPbc	05 13 39.4	
UPC	Upice	154.39 340	ePKP	PKPbc	05 20 34.0	
UPC	Upice	154.39 340	ePKP	PKPbc	05 29 41.9	-4.3
UPC	Upice	154.39 340	ePKP	PKPbc	05 35 26.5	
UPC	Upice	154.39 340	ePKP	PKPbc	06 16 40.0	
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 11.2	+1.0
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 19.2	+0.7
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 25.0	-7.7
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 29.2	
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 33.4	+1.5
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 41.5	
UPC	Upice	154.39 340	ePKP	PKPbc	05 10 06.1	-1.2
UPC	Upice	154.39 340	ePKP	PKPbc	05 13 39.4	
UPC	Upice	154.39 340	ePKP	PKPbc	05 20 34.0	
UPC	Upice	154.39 340	ePKP	PKPbc	05 29 41.9	-4.3
UPC	Upice	154.39 340	ePKP	PKPbc	05 35 26.5	
UPC	Upice	154.39 340	ePKP	PKPbc	06 16 40.0	
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 11.2	+1.0
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 19.2	+0.7
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 25.0	-7.7
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 29.2	
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 33.4	+1.5
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 41.5	
UPC	Upice	154.39 340	ePKP	PKPbc	05 10 06.1	-1.2
UPC	Upice	154.39 340	ePKP	PKPbc	05 13 39.4	
UPC	Upice	154.39 340	ePKP	PKPbc	05 20 34.0	
UPC	Upice	154.39 340	ePKP	PKPbc	05 29 41.9	-4.3
UPC	Upice	154.39 340	ePKP	PKPbc	05 35 26.5	
UPC	Upice	154.39 340	ePKP	PKPbc	06 16 40.0	
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 11.2	+1.0
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 19.2	+0.7
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 25.0	-7.7
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 29.2	
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 33.4	+1.5
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 41.5	
UPC	Upice	154.39 340	ePKP	PKPbc	05 10 06.1	-1.2
UPC	Upice	154.39 340	ePKP	PKPbc	05 13 39.4	
UPC	Upice	154.39 340	ePKP	PKPbc	05 20 34.0	
UPC	Upice	154.39 340	ePKP	PKPbc	05 29 41.9	-4.3
UPC	Upice	154.39 340	ePKP	PKPbc	05 35 26.5	
UPC	Upice	154.39 340	ePKP	PKPbc	06 16 40.0	
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 11.2	+1.0
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 19.2	+0.7
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 25.0	-7.7
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 29.2	
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 33.4	+1.5
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 41.5	
UPC	Upice	154.39 340	ePKP	PKPbc	05 10 06.1	-1.2
UPC	Upice	154.39 340	ePKP	PKPbc	05 13 39.4	
UPC	Upice	154.39 340	ePKP	PKPbc	05 20 34.0	
UPC	Upice	154.39 340	ePKP	PKPbc	05 29 41.9	-4.3
UPC	Upice	154.39 340	ePKP	PKPbc	05 35 26.5	
UPC	Upice	154.39 340	ePKP	PKPbc	06 16 40.0	
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 11.2	+1.0
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 19.2	+0.7
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 25.0	-7.7
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 29.2	
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 33.4	+1.5
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 41.5	
UPC	Upice	154.39 340	ePKP	PKPbc	05 10 06.1	-1.2
UPC	Upice	154.39 340	ePKP	PKPbc	05 13 39.4	
UPC	Upice	154.39 340	ePKP	PKPbc	05 20 34.0	
UPC	Upice	154.39 340	ePKP	PKPbc	05 29 41.9	-4.3
UPC	Upice	154.39 340	ePKP	PKPbc	05 35 26.5	
UPC	Upice	154.39 340	ePKP	PKPbc	06 16 40.0	
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 11.2	+1.0
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 19.2	+0.7
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 25.0	-7.7
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 29.2	
UPC	Upice	154.39 340	ePKP	PKPbc	05 06 33.4	+1.5
UPC	Upice	154.39				

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MESJ, MORF, PAVQ, TOBA, TOAO, TORD, TAM, etc.

ISCJB 04 04:57:59.0, 3.99, 12N, 0.03, 29.09E, 0.03, h1km, 6km, Error ellipse: s-maj=4.9km s-min=3.9km az=136.5

ISC 04 04:57:59.7, 3.9, 11N, 29.12E, h5km, MD2.8, Error ellipse: s-maj=2.8km s-min=2.1km az=119.0

DDA 04 04:58:00.1, 3.9, 11N, 29.08E, h7km, MD2.8, Error ellipse: s-maj=2.8km s-min=2.1km az=119.0

ISC 04 04:58:00.2, 1.39, 11N, 0.02, 29.12E, 0.02, h5km, 11km, n53, c039/66, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DEMI, TVSB, KULA, DURS, MANT, KHAL, KHIL, ORHL, AKHS, AKS, AUKUT, MDNY, BORA, etc.

ISC 04 05:00:59.2, 1.3, 5.60S, 150.16E, h0km, ML3.6/3, mb1 4.0/4, mb1mx3.6/2, mbtmp3.8/4, ML4.0/1, MS4.5/1, Ms1 4.5/1, ms1mx3.9/26, Error ellipse: s-maj=76.6km s-min=28.9km az=128.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMG, CTA, WRA, WRA, ASAR, JCJ, NVAR, etc.

TORD Torodi Ar. Bea 148.03 286 PKPbc PKPbc 05 20 47.5 -0.3 1.9nm, 0.5s, baz=89, slow=2.8, SNR=37

MEX 04 05:16:59.5, 0.9, 16.70N x 100.37W, h20km, 29km, MD4.1, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CAIG, CAIG, ZLIG, MEIG, TLIG, PNLG, PNIG, etc.

ISK 04 05:26:31.2, 3.9, 35N, 41.13E, h5km, MD2.5, CSEM 04 05:26:32.0, 4.0, 39.23N, 41.03E, h2km, MD2.9, Error ellipse: s-maj=10.2km s-min=7.1km az=153.0

DDA 04 05:26:33.8, 3.9, 33N, 41.13E, h18km, MD2.9, ISC 04 05:26:32.2, 1.3, 39.29N, 0.03, 41.12E, 0.03, h4km, 11km, n17, c114/31, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VRTB, BNGB, BINT, ERZM, EKAR, ERZA, EATA, KELT, DBAD, MARD, KEMA, etc.

ISC 04 05:34:08.6, 3.7, 24N, 28.23E, h8km, MD2.6, CSEM 04 05:34:08.9, 3.7, 23N, 28.20E, h5km, MD2.6, Error ellipse: s-maj=7.7km s-min=4.9km az=49.0

DDA 04 05:34:08.9, 3.7, 25N, 28.22E, h7km, MD2.7, ISC 04 05:34:08.7, 1.0, 37.23N, 0.03, 28.17E, 0.03, h7km, 9km, n22, c090/32, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YER, YER, YER, AYDN, AYDN, BDRM, BDRM, DALY, DALY, BDRM, BDRM, KULA, KULA, ELL, ELL, AKAS, AKAS, etc.

ISC 04 05:41:18.0, 0.7, 26.20N, 96.80E, h0km, mb3.9/15, mb1 4.1/16, mb1mx3.9/42, mbtmp3.9/16, ML3.6/1, Error ellipse: s-maj=33.7km s-min=14.5km az=57.0

ISCJB 04 05:41:19.3, 0.5, 26.19N, 0.07, 96.87E, 0.04, h15km, mb4.0/19, Error ellipse: s-maj=10.4km s-min=4.9km az=5.1

NEIC 04 05:41:24.2, 1.3, 26.22N, 96.89E, h36km, 13km, mb4.1/4, Error ellipse: s-maj=19.4km s-min=8.3km az=56.0

ISC 04 05:41:21.3, 0.7, 26.33N, 0.09, 96.96E, 0.07, h15km, n35, c146/46, mb4.1/19, Myanmar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SHL, LSA, CMAR, TAPN, ODAN, RAMN, GUN, PKI, PKIN, KKN, DMN, GKN, DANN, KOLL, SONMI, MKAR, etc.

comp=E, 3.2nm, 0.7s, baz=142, slow=10, SNR=16

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TKM2, EKXS, KURBB, KURK, BRVK, ABKAR, AKTO, ARU, BRTR, AKASA, FINES, WRA, ARCES, ASAR, NB2, NOA, GERES, ILAR, TORD, etc.

IDC 04 06:14:54.2, 2.7, 30.01S x 138.72E, h0km, mb1 3.1/3, mb1mx3.0/29, mbtmp2.8/3, ML2.6/3, Error ellipse: s-maj=77.7km s-min=15.3km az=47.0, South Australia

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

ISCJB 04 06:17:14.9, 0.6, 27.08S, 0.03, 26.60E, 0.03, h11km, 4km, mb3.4/1, Error ellipse: s-maj=6.3km s-min=4.1km az=140.0

PRE 04 06:17:14.8, 2.3, 27.03S, 26.56E, h2km, ML2.9, IDC 04 06:17:16.3, 1.7, 26.98S, 26.58E, h0km, mb3.4/1, mb1 3.5/5, mb1mx3.4/30, mbtmp3.5/5, ML3.5/4, Error ellipse: s-maj=33.4km s-min=13.7km az=90.0

ISC 04 06:17:15.4, 0.9, 27.00S, 0.03, 26.57E, 0.03, h12km, 7km, n19, c127/33, South Africa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MOAB, MOAB, MOAB, BFD, BFD, PRYS, PRYS, WDLM, WDLM, SWZ, SWZ, KLOF, KLOF, KSR, KSR, BOSA, BOSA, BOSA, BOSA, LBTA, LBTA, LBTA, KSD, KSD, UPI, UPI, SOE, SOE, MATP, MATP, MATP, MATP, LSP, LSP, TOR, TOR, NVAR, NVAR, KRSC, KRSC, SKR, SKR, PAU, PAU, ASAK, ASAK, RUS, RUS, KRY, KRY, KRX, KRX, GNL, GNL, etc.

IDC 04 06:29:06.1-3.7, 11.97S:74.22W, h0km, mb3.4/2, mb1 3.6/3, mb1mx3.5/23, mbtpm3.4/3, ML3.5/1, Error ellipse: s-maj=159.1km s-min=32.7km az=39.0, Central Peru

Table with columns: Code, Station Name, Az, AZ2, Phase ID, Time, Res. Rows include LPAZ, TXAR, TORO.

IDC 04 06:34:33.5-0.7, 4.87S:146.95E, h0km, mb4.2/15, mb1 4.4/20, mb1mx4.3/20, mbtpm4.3/20, ML4.2/4, MS3.9/11, Ms1 3.9/11, ms1mx3.6/40, Error ellipse: s-maj=23.6km s-min=12.2km az=84.0

Table with columns: Code, Station Name, Az, AZ2, Phase ID, Time, Res. Rows include AUST, ISCJB, BJJ, DJA, NEIC, ISC.

region

Main table listing stations with columns: Code, Station Name, Az, AZ2, Phase ID, Time, Res. Includes MANU, PMG, JAY, GYI, etc.

Main table listing stations with columns: Code, Station Name, Az, AZ2, Phase ID, Time, Res. Includes JNU, MJAR, QIZ, RPZ, etc.

Table listing stations with columns: Code, Station Name, Az, AZ2, Phase ID, Time, Res. Includes COLA, ILAR, BSKA, etc.

IDC 04 06:39:28.3-3.8, 5.03S:149.99E, h0km, mb3.5/2, mb1 3.8/2, mb1mx3.3/37, mbtpm3.5/2, Error ellipse: s-maj=141.0km s-min=50.6km az=114.0, New Britain region

Table listing stations with columns: Code, Station Name, Az, AZ2, Phase ID, Time, Res. Includes PMG, WRA, ASAR, TORO.

DDA 04 06:42:14.9, 37.21N:28.16E, h6km, MD2.7, ISK 04 06:42:15.1, 37.24N:28.18E, h3km, MD2.6, CSEM 04 06:42:15.4, 0.2, 37.20N:28.17E, h10km, MD2.6, Error ellipse: s-maj=7.2km s-min=4.6km az=41.0

ISC 04 06:42:15.5-1.0, 37.18N:0.04W, h13km, 7km, n16, c074/24, Turkey

Table listing stations with columns: Code, Station Name, Az, AZ2, Phase ID, Time, Res. Includes YER, TUR, DALY, etc.

NIED 04 06:48:00.25, 10N:125.60E, h5km, Mw4.4 Best double couple: M4.99000x10^15 N1.035100000, s42.00000, l-48.00000, NP2.01200000, s60.00000, l-1-122.00000

IDC 04 06:48:22.0, 7.24, 99N:125.26E, h0km, mb4.0/21, mb1 4.1/21, mb1mx4.0/20, mbtpm4.0/21, MS2.5/1, MS3.6/4, Ms1 3.6/4, ms1mx3.6/1, Error ellipse: s-maj=24.7km s-min=17.5km az=61.0

JMA 04 06:48:23.4, 0.1, 24.98N:125.52E, h23km, 1km, M4.8 JMA Felt III J

ISCJB 04 06:48:24.0, 4.24, 99N:0.05, 125.46E:0.04, h23km, 3km, mb4.1/26, MS3.6/2, Error ellipse: s-maj=9.4km s-min=3.2km az=148.3

NEIC 04 06:48:28.6, 0.9, 24.93N:125.29E, h42km, 8km, mb4.6/4, MW4.4(NIED), Error ellipse: s-maj=10.1km s-min=8.1km az=147.0

NEIC Recorded [3 JMA] on Miyako-jima and [2 JMA] on Ikema-jima

ISC 04 06:48:24.8, 1.2, 24.96N:0.06, 125.45E:0.04, h15km, 8km, n63, c095/73, mb4.1/26, Southwestern Ryukyu Islands

Main table listing stations with columns: Code, Station Name, Az, AZ2, Phase ID, Time, Res. Includes JIKM, JIMJ, JOGS, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ZALV Zalesovo Beam, KURK Kurchatov, KURBB Kurchatov Arra, TKM2 Tokmak 2, WRAB Tennant Creek, WRA Warramunga Arr, ASAR Alice Springs, etc.

AUST 04 06:48:46.1, 12.49S:167.97E, h60km
ISC/JB 04 06:49:06.2, 0.5, 13.33S:0.08:167.20E:0.08, h200km, mb4.1/16, Error ellipse: s-maj=11.9km s-min=10.7km az=156.4

IDC 04 06:49:06.3, 1.6, 13.32S:167.20E, h190km, mb3.9/14, mb1.4, 0.4, 0.15, mb1mx3.9/40, mbtmp4.4/15, Error ellipse: s-maj=16.7km s-min=13.9km az=99.0
NEIC 04 06:49:09.8, 1.4, 13.39S:167.12E, h222km, mb3.4, mb4.7/4, Error ellipse: s-maj=12.0km s-min=8.0km az=169.0

ISC 04 06:49:07.3, 0.5, 13.25S:0.07:167.07E:0.08, h200km, n40.0:149/51, mb4.2/16, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, MSFV Nonsavu, EIDS Eidsvold, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JCJ Chichijima, KSR5 Korea Array, USRK Ussuriysk Arr, etc.

IDC 04 07:07:15.6, 1.2, 5.39N:95.64E, h0km, mb3.7/4, mb1.3/9.5, mb1mx3.5/46, mbtmp3.7/5, ML4.2/1, Error ellipse: s-maj=44.7km s-min=22.2km az=64.0

ISC 04 07:20:8.1, 2.6, 3N:0.1:96.0E:0.2, h35km, n11, 1:187/11, mb3.8/4, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LHMI Lhok Sumawe, KCSI Kotacane, PSI Pratap, etc.

CSEM 04 07:07:42.2, 43.71N:21.18E, h0km, ML1.3
BEO 04 07:42.2, 0.4, 43.71N:21.18E, h0km, ML1.3/6, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GRUS Gruza, IVAS Ivanjica, TRUS Trudelj, etc.

BUC 04 07:09:48.7, 0.7, 44.26N:28.31E, h11km, 4km, MD2.5/2, BCR, Error ellipse: s-maj=8.8km s-min=1.7km az=131.0, Romania

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TIRR Tirusor, MSAB Monastery St. A, HARS Harsova, etc.

BUI 04 07:15:27.3, 5.87S:147.44E, h221km, mb5.9/84, mb6.2/74, MOS 04 07:15:31.7, 0.9, 5.47S:146.79E, h216km, mb6.1/64, MS5.9/12, Error ellipse: s-maj=7.0km s-min=4.7km az=102.2

SZGRF 04 07:15:31.1, 3.80S:149.26E, h200km, Bismarck Sea
ISC/JB 04 07:15:32.0, 0.5, 5.51S:0.02:146.85E:0.02, h222km, 3km, mb5.8/311, Error ellipse: s-maj=2.2km az=42.0

NEIC 04 07:15:33.0, 0.0, 5.52S:146.79E, h213km, Moment Tensor Solution, s103, Moment tensor: Scale 1018Nm; M1:2.80, M2:4.50, M3:1.07, M4:1.97, M5:0.27, M6:2.62; Best double couple: M5:10000.0, M6:10000.0, M7:10000.0, M8:10000.0, M9:10000.0, M10:10000.0, M11:10000.0, M12:10000.0, M13:10000.0, M14:10000.0, M15:10000.0, M16:10000.0, M17:10000.0, M18:10000.0, M19:10000.0, M20:10000.0, M21:10000.0, M22:10000.0, M23:10000.0, M24:10000.0, M25:10000.0, M26:10000.0, M27:10000.0, M28:10000.0, M29:10000.0, M30:10000.0, M31:10000.0, M32:10000.0, M33:10000.0, M34:10000.0, M35:10000.0, M36:10000.0, M37:10000.0, M38:10000.0, M39:10000.0, M40:10000.0, M41:10000.0, M42:10000.0, M43:10000.0, M44:10000.0, M45:10000.0, M46:10000.0, M47:10000.0, M48:10000.0, M49:10000.0, M50:10000.0, M51:10000.0, M52:10000.0, M53:10000.0, M54:10000.0, M55:10000.0, M56:10000.0, M57:10000.0, M58:10000.0, M59:10000.0, M60:10000.0, M61:10000.0, M62:10000.0, M63:10000.0, M64:10000.0, M65:10000.0, M66:10000.0, M67:10000.0, M68:10000.0, M69:10000.0, M70:10000.0, M71:10000.0, M72:10000.0, M73:10000.0, M74:10000.0, M75:10000.0, M76:10000.0, M77:10000.0, M78:10000.0, M79:10000.0, M80:10000.0, M81:10000.0, M82:10000.0, M83:10000.0, M84:10000.0, M85:10000.0, M86:10000.0, M87:10000.0, M88:10000.0, M89:10000.0, M90:10000.0, M91:10000.0, M92:10000.0, M93:10000.0, M94:10000.0, M95:10000.0, M96:10000.0, M97:10000.0, M98:10000.0, M99:10000.0, M100:10000.0

AUST 04 07:15:33.1, 0.4, 5.56S:146.90E, h215km, 4km, Error ellipse: s-maj=4.2km s-min=3.5km az=82.0

NEIC 04 07:15:33.5, 0.1, 5.49S:146.82E, h220km, mb6.1/70, ME5.8, MW6.4, MW6.4, MW6.4, Error ellipse: s-maj=3.3km s-min=3.2km az=116.0, Moment Tensor Solution, s55

Moment tensor: Scale 1018Nm; M1:3.00, M2:3.83, M3:0.79, M4:2.00, M5:0.57, M6:2.06; Best double couple: M4:70000.0, M5:10000.0, M6:10000.0, M7:10000.0, M8:10000.0, M9:10000.0, M10:10000.0, M11:10000.0, M12:10000.0, M13:10000.0, M14:10000.0, M15:10000.0, M16:10000.0, M17:10000.0, M18:10000.0, M19:10000.0, M20:10000.0, M21:10000.0, M22:10000.0, M23:10000.0, M24:10000.0, M25:10000.0, M26:10000.0, M27:10000.0, M28:10000.0, M29:10000.0, M30:10000.0, M31:10000.0, M32:10000.0, M33:10000.0, M34:10000.0, M35:10000.0, M36:10000.0, M37:10000.0, M38:10000.0, M39:10000.0, M40:10000.0, M41:10000.0, M42:10000.0, M43:10000.0, M44:10000.0, M45:10000.0, M46:10000.0, M47:10000.0, M48:10000.0, M49:10000.0, M50:10000.0, M51:10000.0, M52:10000.0, M53:10000.0, M54:10000.0, M55:10000.0, M56:10000.0, M57:10000.0, M58:10000.0, M59:10000.0, M60:10000.0, M61:10000.0, M62:10000.0, M63:10000.0, M64:10000.0, M65:10000.0, M66:10000.0, M67:10000.0, M68:10000.0, M69:10000.0, M70:10000.0, M71:10000.0, M72:10000.0, M73:10000.0, M74:10000.0, M75:10000.0, M76:10000.0, M77:10000.0, M78:10000.0, M79:10000.0, M80:10000.0, M81:10000.0, M82:10000.0, M83:10000.0, M84:10000.0, M85:10000.0, M86:10000.0, M87:10000.0, M88:10000.0, M89:10000.0, M90:10000.0, M91:10000.0, M92:10000.0, M93:10000.0, M94:10000.0, M95:10000.0, M96:10000.0, M97:10000.0, M98:10000.0, M99:10000.0, M100:10000.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BUI Tirusor, MOS 04 07:15:32.0, 0.5, 5.51S:0.02:146.85E:0.02, h222km, 3km, mb5.8/311, Error ellipse: s-maj=2.2km az=42.0, etc.

lambda:49.00000; NP2:lambda:115.00000; delta:0.00000; lambda:120.00000; Principal axes: T 1.6620000, Azm74.00000; N 1.6620000, Azm74.00000; P 1.6620000, Azm74.00000; Depth from broadband displacement seismograms. Energy computed from BB mechanism.

NEIC 147 [IV] at Port Moresby and Lae. Also felt at Goroka, Kaintanu, Kerema, Madang, Mount Hagen and Wau. DJA 04 07:15:34.4, 0.3, 6.3S:147.7E, h212km, 3km, M6.1/149, mb6.0/149, mb6.3/131, MLV7.3/4, Mw(MB)6.0/131, Mw(2.3)4

GCMT 04 07:15:34.1, 0.0, 5.59S:146.90E, h218km, MW6.5/138, Moment Tensor Solution, s133, Moment tensor: Scale 1018Nm; Duration: 4s2; Moment tensor: Scale 1018Nm; M1:3.59, M2:5.72, M3:1.22, M4:1.22, M5:0.27, M6:2.62; M7:0.44, M8:0.44, M9:0.44, M10:0.44, M11:0.44, M12:0.44, M13:0.44, M14:0.44, M15:0.44, M16:0.44, M17:0.44, M18:0.44, M19:0.44, M20:0.44, M21:0.44, M22:0.44, M23:0.44, M24:0.44, M25:0.44, M26:0.44, M27:0.44, M28:0.44, M29:0.44, M30:0.44, M31:0.44, M32:0.44, M33:0.44, M34:0.44, M35:0.44, M36:0.44, M37:0.44, M38:0.44, M39:0.44, M40:0.44, M41:0.44, M42:0.44, M43:0.44, M44:0.44, M45:0.44, M46:0.44, M47:0.44, M48:0.44, M49:0.44, M50:0.44, M51:0.44, M52:0.44, M53:0.44, M54:0.44, M55:0.44, M56:0.44, M57:0.44, M58:0.44, M59:0.44, M60:0.44, M61:0.44, M62:0.44, M63:0.44, M64:0.44, M65:0.44, M66:0.44, M67:0.44, M68:0.44, M69:0.44, M70:0.44, M71:0.44, M72:0.44, M73:0.44, M74:0.44, M75:0.44, M76:0.44, M77:0.44, M78:0.44, M79:0.44, M80:0.44, M81:0.44, M82:0.44, M83:0.44, M84:0.44, M85:0.44, M86:0.44, M87:0.44, M88:0.44, M89:0.44, M90:0.44, M91:0.44, M92:0.44, M93:0.44, M94:0.44, M95:0.44, M96:0.44, M97:0.44, M98:0.44, M99:0.44, M100:0.44

NEIC 04 07:15:34.0, 0.0, 5.58S:146.61E, h220km, Moment Tensor Solution, s103, Moment tensor: Scale 1018Nm; M1:3.61, M2:5.21, M3:1.61, M4:2.26, M5:0.27, M6:2.62; Best double couple: M5:60000.0, M6:10000.0, M7:10000.0, M8:10000.0, M9:10000.0, M10:10000.0, M11:10000.0, M12:10000.0, M13:10000.0, M14:10000.0, M15:10000.0, M16:10000.0, M17:10000.0, M18:10000.0, M19:10000.0, M20:10000.0, M21:10000.0, M22:10000.0, M23:10000.0, M24:10000.0, M25:10000.0, M26:10000.0, M27:10000.0, M28:10000.0, M29:10000.0, M30:10000.0, M31:10000.0, M32:10000.0, M33:10000.0, M34:10000.0, M35:10000.0, M36:10000.0, M37:10000.0, M38:10000.0, M39:10000.0, M40:10000.0, M41:10000.0, M42:10000.0, M43:10000.0, M44:10000.0, M45:10000.0, M46:10000.0, M47:10000.0, M48:10000.0, M49:10000.0, M50:10000.0, M51:10000.0, M52:10000.0, M53:10000.0, M54:10000.0, M55:10000.0, M56:10000.0, M57:10000.0, M58:10000.0, M59:10000.0, M60:10000.0, M61:10000.0, M62:10000.0, M63:10000.0, M64:10000.0, M65:10000.0, M66:10000.0, M67:10000.0, M68:10000.0, M69:10000.0, M70:10000.0, M71:10000.0, M72:10000.0, M73:10000.0, M74:10000.0, M75:10000.0, M76:10000.0, M77:10000.0, M78:10000.0, M79:10000.0, M80:10000.0, M81:10000.0, M82:10000.0, M83:10000.0, M84:10000.0, M85:10000.0, M86:10000.0, M87:10000.0, M88:10000.0, M89:10000.0, M90:10000.0, M91:10000.0, M92:10000.0, M93:10000.0, M94:10000.0, M95:10000.0, M96:10000.0, M97:10000.0, M98:10000.0, M99:10000.0, M100:10000.0

ISC 04 07:15:33.4, 0.2, 5.52S:0.02:146.86E:0.03, h220km, 1km, h220km:pp-P, n1879, 0:142/2256, mb5.9/318, 73C-58D, Eastern New Guinea region

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

ASAR	Alice Springs	21.94 213	P	P	07 20 10.0 +0.4
ASAR	comp=Z,3um,1.1s,baz=43,slow=8.4,SNR=2038				
ASPA	Alice Springs	21.94 213	P	S	07 20 10.3 +0.7
ASPA	comp=Z,736nm,0.8s,baz=35,slow=22,SNR=12				
SOEI	Soe	22.78 258	P	P	07 20 19.4 +2.0
SOEI	comp=Z,2um,1.0s,comp=Z,35um,comp=Z,112um				
SGSI	Sangihe	22.78 258	P	P	07 20 17.6 +0.2
KMSI	Cibinong	23.64 284	P	P	07 20 23.0 +2.0
KMSI	comp=Z,1um,0.7s,comp=Z,27um,comp=Z,33um				
BBSI	Bau Bau	24.21 273	P	P	07 20 27.7 +2.6
BBSI	comp=Z,1um,1.0s,comp=Z,19um,comp=Z,72um				
KD	Kendari	24.21 273	P	P	07 20 33.6 +3.6
KD	comp=Z,382nm,1.1s,comp=Z,13um,comp=Z,107um				
LUWI	Luwuk	24.45 280	P	P	07 20 32.2 +1.9
LUWI	comp=Z,1um,1.2s,comp=Z,19um				
LUWI	Luwuk	24.45 280	P	P	07 20 35.5 +3.0
LUWI	comp=Z,1um,1.1s,comp=Z,19um				
LUWI	Luwuk	24.45 280	P	P	07 20 34.4 +1.9
LUWI	comp=Z,2um,1.1s				
MMRI	Maumere	24.63 261	P	P	07 20 34.4 +1.9
MMRI	comp=Z,2um,1.0s,comp=Z,32um,comp=Z,72um				
MMRI	Maumere	24.63 261	P	P	07 20 33.6 +0.5
MMRI	comp=Z,2um,1.0s				
LIFNC	Lifou	24.93 129	eP	P	07 20 33.0 -1.1
LIFNC	Lifou	24.93 129	eP	P	07 20 36.1 -0.6
DZM	Mont Dzumac	25.09 133	P	P	07 20 36.1 -0.6
DZM	comp=Z,199nm,0.6s,baz=17,slow=0.7,SNR=77				
ARMA	Armidale	25.17 170	P	P	07 20 37.7 -0.6
ARMA	comp=Z,2um,1.0s				
ARMA	Armidale	25.17 170	eP	P	07 20 39.6 +0.7
ARMA	comp=Z,2um,1.0s				
APSI	Ampapa	25.58 279	P	P	07 20 41.1 +1.1
APSI	comp=Z,543nm,1.7s,comp=Z,15um,comp=Z,52um				
MRSI	Marisa	25.59 283	P	P	07 20 44.4 +1.7
MRSI	comp=Z,122nm,1.2s,comp=Z,7um				
CMSA	Cobar Meteorol	25.91 182	P	P	07 20 44.8 +2.1
CMSA	comp=Z,2um,1.0s				
BSSI	Bau Bau	26.24 267	P	P	07 20 45.5 +0.1
BSSI	comp=Z,848nm,1.3s,comp=Z,29um,comp=Z,54um				
WRKA	Warakurna	26.34 221	P	P	07 20 51.3 +2.5
WRKA	comp=Z,2um,1.0s				
BASI	Baling Sumba	26.44 258	P	P	07 20 45.0 +1.1
BASI	comp=Z,4um,1.0s,comp=Z,40um				
BKSI	Bulukumba	26.62 269	P	P	07 20 52.9 +2.5
BKSI	comp=Z,247nm,0.9s,comp=Z,10um,comp=Z,41um				
WSI	Waingapu	26.64 259	P	P	07 20 53.1 +1.1
WSI	comp=Z,2um,1.1s,comp=Z,6um				
WSI	Waingapu	26.64 259	P	P	07 20 54.5 +1.8
WSI	comp=Z,2um,1.1s				
STKA	Stephens Creek	26.68 190	P	P	07 20 54.9 +1.8
STKA	comp=Z,234nm,0.9s,comp=Z,3.5,slow=7.4,SNR=74				
TARA	Tarawa	26.91 176	eP	P	07 20 52.0 -0.3
TARA	comp=Z,2um,1.0s				
KAPI	Kappang	27.00 270	eP	P	07 20 55.6 +1.0
KAPI	comp=Z,212nm,1.0s,baz=104,slow=5.6,SNR=36				
KAPI	Kappang	27.00 270	eP	P	07 20 55.0 +0.0
KAPI	comp=Z,41nm,1.0s,baz=110,slow=12,SNR=3.7				
KAPI	Kappang	27.00 270	eP	P	07 27 31.2 +0.6
KAPI	comp=Z,285nm,0.7s				
KAPI	Sidrap Palu	27.04 272	ScP	ScP	07 27 31.2 +0.6
KAPI	comp=Z,204nm,1.0s,comp=Z,2um				
SPSI	Sidrap Palu	27.04 272	ScP	ScP	07 20 55.0 +0.3
SPSI	comp=Z,204nm,1.0s,comp=Z,2um				
TTSI	Tana Toraja	27.07 274	P	P	07 20 58.8 +2.8
TTSI	comp=Z,293nm,1.3s,comp=Z,10um				
MPSI	Mapaga	27.54 281	P	P	07 20 58.8 +2.8
MPSI	comp=Z,77nm,1.4s,comp=Z,3.5,slow=7.4,SNR=74				
MGCD	Mangrove Creek	27.84 172	P	P	07 21 01.2 +1.0
MGCD	comp=Z,2um,1.0s				
YNG	Young	28.67 177	P	P	07 21 03.4 +0.8
YNG	comp=Z,2um,1.0s				
HTT	Hallett	28.74 194	P	P	07 21 10.4 +0.5
HTT	comp=Z,2um,1.0s				
BBOO	Buckleboo	28.96 199	P	P	07 21 10.7 0.0
BBOO	comp=Z,2um,1.0s				
BBOO	Buckleboo	28.96 199	eP	P	07 21 12.4 -0.2
BBOO	comp=Z,2um,1.0s				
CAN	Canberra	29.17 176	eP	P	07 21 12.4 -0.2
CAN	comp=Z,630nm,1.0s				
CAN	Canberra	29.17 176	eP	P	07 21 19.4 +0.1
CAN	comp=Z,491nm,1.3s				
CAN	Canberra	29.17 176	eP	P	07 21 19.4 +0.1
CAN	comp=Z,491nm,1.3s				
CAN	Canberra	29.17 176	eP	P	07 21 20.0 +0.5
CAN	comp=Z,491nm,1.3s				
BKB	Baikopang	30.20 277	P	P	07 21 28.7 +5.0
BKB	comp=Z,59nm,1.4s,comp=Z,8um,comp=Z,67um				
MYLDM	Lahad Datu	30.25 290	P	P	07 21 28.7 +5.0
MYLDM	comp=Z,2um,1.0s				
MYLDM	Lahad Datu	30.25 290	P	P	07 21 26.9 +2.7
MYLDM	comp=Z,2um,1.0s				
TSM	Tawai	30.55 287	eP	P	07 21 26.9 +2.6
TSM	comp=Z,286nm,1.1s				
MBWA	Marble Bar	30.55 237	P	P	07 21 28.1 +1.3
MBWA	comp=Z,444nm,1.0s				
KBKI	Kotabaru	30.68 273	P	P	07 21 25.9 -0.8
KBKI	comp=Z,3um,1.4s				
FORT	Forrest	30.72 213	P	P	07 21 29.6 +1.7
FORT	comp=Z,97nm,1.5s,comp=Z,3um,comp=Z,32um				
FORT	Forrest	30.72 213	P	P	07 21 28.4 +0.3
FORT	comp=Z,31,SNR=267				
FORT	Forrest	30.72 213	eP	P	07 21 28.1 +0.1
FORT	comp=Z,3um,1.4s				
H11S3	WAKE ISLAND Hy 30.85	39	P	P	07 21 29.9 +0.8
H11S3	comp=Z,219,slow=6.2,SNR=7.3				
H11S3	WAKE ISLAND Hy 30.85	39	P	P	07 21 29.9 +0.8
H11S3	comp=Z,219,slow=6.2,SNR=7.3				
H11S2	WAKE ISLAND Hy 30.86	39	P	P	07 21 29.9 +0.8
H11S2	comp=Z,219,slow=6.2,SNR=7.3				
H11S2	WAKE ISLAND Hy 30.87	39	P	P	07 21 29.9 +0.8
H11S2	comp=Z,219,slow=6.2,SNR=7.3				
H11S1	WAKE ISLAND Hy 30.87	39	P	P	07 21 29.9 +0.8
H11S1	comp=Z,219,slow=6.2,SNR=7.3				
ARPS	Mount Arapiles	31.44 188	P	P	07 21 30.0 +0.7
ARPS	comp=Z,2um,1.0s				
MILA	Mila	31.46 176	P	P	07 21 34.9 +0.6
MILA	comp=Z,32,SNR=66				
SRBP	Singaraja	31.52 264	P	P	07 21 35.0 +0.5
SRBP	comp=Z,170nm,1.1s,comp=Z,3um				
DNBP	Denpasar	31.56 292	P	P	07 21 36.7 +1.4
DNBP	comp=Z,1um,0.9s				
SDKM	Sandakan	31.62 290	P	P	07 21 38.7 +2.4
SDKM	comp=Z,1um,0.9s				
IGBI	Denpasar	31.63 262	P	P	07 21 37.4 +1.2
IGBI	comp=Z,65nm,0.9s,comp=Z,14um				
H11N1	WAKE ISLAND Hy 31.31	38	P	P	07 21 39.1 +0.9
H11N1	comp=Z,326,slow=76,SNR=5.8				
H11N1	WAKE ISLAND Hy 31.31	38	P	P	07 21 39.1 +0.9
H11N1	comp=Z,326,slow=76,SNR=5.8				
H11N3	WAKE ISLAND Hy 31.31	38	P	P	07 21 39.2 +0.9
H11N3	comp=Z,326,slow=76,SNR=5.8				
H11N3	WAKE ISLAND Hy 31.31	38	P	P	07 21 39.3 +0.9
H11N3	comp=Z,326,slow=76,SNR=5.8				
H11N2	WAKE ISLAND Hy 31.51	38	P	P	07 21 39.3 +0.7
H11N2	comp=Z,326,slow=76,SNR=5.8				
H11N2	WAKE ISLAND Hy 31.51	38	P	P	07 21 39.3 +0.7
H11N2	comp=Z,326,slow=76,SNR=5.8				
TOO	Toolangi	31.93 182	P	P	07 21 42.6 +0.7
TOO	comp=Z,32,SNR=118				
TGY	Tagaytay City	32.27 307	P	P	07 21 42.6 +0.7
TGY	comp=Z,151nm,0.3s,baz=122,slow=6.3,SNR=10				
ABJI	Asem Bagus	32.48 264	P	P	07 21 44.7 +1.1
ABJI	comp=Z,398nm,1.2s,comp=Z,6um				
JAGI	Jajag Banyuw	32.59 263	P	P	07 21 43.1 -1.5
JAGI	comp=Z,1um,0.9s,comp=Z,10um				
JAGI	Jajag Banyuw	32.59 263	eP	P	07 21 48.1 +2.3
JAGI	comp=Z,391nm,1.2s,comp=Z,5um				
JAGI	Jajag Banyuw	32.59 263	eP	P	07 21 45.6 0.0
JAGI	comp=Z,266nm,0.7s				
JAGI	Kota Kinabalu	32.68 290	eS	P	07 26 43.2 -0.8
JAGI	comp=Z,880nm,0.9s				
KKM	Kota Kinabalu	32.68 290	P	P	07 21 46.1 +0.6
KKM	comp=Z,32,SNR=4.0				
KKM	Kota Kinabalu	32.68 290	P	P	07 21 46.5 +1.0
KKM	comp=Z,1um,1.1s				
KKM	Kota Kinabalu	32.68 290	eP	P	07 21 46.0 +0.6
KKM	comp=Z,1um,1.1s				
KMMI	Kaliangret	32.73 266	P	P	07 21 48.1 +2.3
KMMI	comp=Z,391nm,1.2s,comp=Z,5um				
CBJ	Chichi jima	32.73 352	eP	P	07 21 45.6 0.0
CBJ	comp=Z,2um,1.0s				
CBJ	Chichijima	32.73 352	S	P	07 26 42.2 -3.7
CBJ	comp=Z,848nm,0.9s,baz=226,slow=6.2,SNR=38				
JCJ	Chichijima	32.73 352	P	P	07 21 45.4 -0.3
JCJ	comp=Z,848nm,0.9s,baz=226,slow=6.2,SNR=38				
JCJ	Chichijima	32.73 352	S	P	07 26 42.2 -3.7
JCJ	comp=Z,848nm,0.9s,baz=226,slow=6.2,SNR=38				
MSVF	Nonsavu	32.81 114	eP	P	07 21 47.2 +0.7
MSVF	comp=Z,504nm,1.0s				
MSVF	Nonsavu	32.81 114	eP	P	07 21 47.2 +0.7
MSVF	comp=Z,504nm,1.0s				
BLJI	Banyuglugur	33.11 264	P	P	07 21 47.2 +0.7
BLJI	comp=Z,421nm,1.1s,comp=Z,4um				
BWJI	Bawean	34.03 268	P	P	07 21 48.9 -0.2
BWJI	comp=Z,421nm,1.1s,comp=Z,4um				
BWJI	Bawean	34.03 268	P	P	07 21 59.3 +2.2
BWJI	comp=Z,421nm,1.1s,comp=Z,4um				

MEEK	Meekatharra	34.16 229	P	P	07 21 57.9 -0.1
MEEK	comp=Z,733nm,1.1s,comp=Z,7um				
GRJI	Greslia	34.20 266	P	P	07 21 59.2 +0.7
GRJI	comp=Z,591nm,1.0s,comp=Z,2um				
KMBL	Kambalda	34.78 219	P	P	07 22 03.3 0.0
KMBL	comp=Z,591nm,1.0s,comp=Z,2um				
TBJI	Tambak Boyo	34.83 266	P	P	07 22 07.3 +3.4
TBJI	comp=Z,591nm,1.0s				
BWJ	Bintulu	34.83 284	P	P	07 22 06.3 +2.4
BWJ	comp=Z,591nm,1.0s				

4d 7h

Table with columns for station name, frequency, power, and other technical details. Includes stations like SSE, KSNH, TMWZ, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like ERM, WHN, WHN, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like LAMP, CRAI, YSS, etc.

4d 7h

Table with columns for ID, Name, Time, and various codes. Includes entries like J25A Sunshine Ranch, K25A Malatya, L25A Engebretsen Ra, etc.

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Table with columns for ID, Name, Time, and various codes. Includes entries like E29A Napoleone, U29A Mallet, F29A Eureka, etc.

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Table with columns for ID, Name, Time, and various codes. Includes entries like 330A Mertzong, 530A J-C Ranch, I31A Ignalina, etc.

Table with columns: ID, Name, Date, Time, Location, and various codes. Includes entries like W33A Caddo, Fort Co, V33A Lossen Ranch, etc.

Table with columns: ID, Name, Date, Time, Location, and various codes. Includes entries like Q36A Arnold C. Orve, 835A Beville, etc.

Table with columns: ID, Name, Date, Time, Location, and various codes. Includes entries like FRB Frobisher Bay, 438A Sam Houston St, etc.

4d 7h

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Table with columns for station name, frequency, and signal strength. Includes stations like East Falkland, Dobruska-Polom, SIVA, XOR, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like GOPC, BORG, BSEG, HOPE, HALT, SGP, PRU, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like EXG, KFL, GEC2, GERES, GERES, BLO, BLO, BLO, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KURBB Kurchatov Arra, KURBB Makanchi Arra.

NEIC 04 09:17:02.7, 16:47N:98:30W, h9km, MD4.0(MEX), After MEX.

MEX 04 09:17:02.7, 0.1, 16:47N:98:30W, h9km, 10km, MD4.0, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PNIG Pinotepa, VHO Vista Hermosa, MEIG Mezcala.

IDC 04 09:40:21.2, 1.2, 52:42N:169:34W, h0km, mb3.5/4, mb1.3/7.5, mb1m3.3/5.6, mb1m3.3/5.6, ML3.2/1, Error ellipse: s-maj=36.0km s-min=23.6km az=146.0

NEIC 04 09:40:24.4, 2.52:52N:169:30W, h7km, ML3.3(AEIC), After AEIC.

ISC 04 09:40:22.5, 2.0, 52:6N:01:169:30W:0.06, h8km, 13km, n31, c13/30, mb3.5/4, Fox Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like NIKH Nikolski High, OKSO Okmok South, OKWR Okmok West Rim, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like H1N2 WAKE ISLAND Hy 37.63 219, H1N3 WAKE ISLAND Hy 37.63 218, etc.

IDC 04 10:07:02.0, 4.2, 1:65S:175:20W, h0km, mb4.9/26, mb1.5/0.26, mb1mx5.0/27, mb1m4.9/26, MS4.8/29, MS1.4/3.29, ms1mx4.6/47, Error ellipse: s-maj=17.8km s-min=11.4km az=60.0

SZGRF 04 10:07:08.4, 23:35S:174:93W, h33km, Tonga Islands region

ISCJB 04 10:07:09.0, 1.21:89S:01:175:04W:0.03, h33km, mb5.1/159, MS5.0/178, Error ellipse: s-maj=6.0km s-min=3.2km az=147.3

BUI 04 10:07:10.5, 21:65S:174:74W, h35km, mb5.2/37, mb5.6/38, MS5.2/42, MS7.5/0.41

AUST 04 10:07:11.9, 1.21:55S:174:41W, h81km, 18km, Error ellipse: s-maj=14.7km s-min=8.7km az=72.0

MOS 04 10:07:11.2, 1.0, 21:62S:175:19W, h33km, mb5.3/39, MS5.1/36, Error ellipse: s-maj=10.2km s-min=7.9km az=58.3

NEIC 04 10:07:12.0, 0.1, 21:84S:175:04W, h35km, mb5.1/125, MS5.1/140, Error ellipse: s-maj=6.8km s-min=3.8km az=142.0

NEIC Felt [III] at Nuku'alofa. Also felt at Tofoa Island.

GCMT 04 10:07:12.0, 0.3, 21:80S:174:55W, h18km, MW5.5/95, Moment Tensor Solution. s41, c58; s95, c166; Duration: 1s4

Moment tensor: Scale 10^17Nm; Mr-1.89e: 10; Mb0.70e: 06; Mw0.19e: 06; Mo-0.01e: 13; Mw0.83e: 03; Mw0.79e: 20; Best double couple: M2, 13300/1017

NF1.227, 0.0000; 853, 0.0000; -115, 0.0000; NP2: 6585, 0.0000; 844, 0.0000; -1, 61, 0.0000; Principal axes: T 2.0930, Plg5.0000; Azm243.0000; N 0.0810

Plg2.0000; Azm243.0000; P -2.1740, Plg7.0000; Azm78.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 04 10:07:11.5, 0.4, 21:88S:01:174:92W:0.05, h31km, 1km, h31km; pP-P, n1099, c1512/1045, mb5.1/156, MS5.1/179, 52C-47D, Tonga Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like NIUE Niue, MSVF Nonsavu, AFI Afiamalu, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like URZ Urewera, URZ Black Stump Fm, URZ Birch Farm, etc.

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

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like BLG Laguna Peak, CIS Catalina Islan, SMMC Simmler, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like KSAR Wonju Array Be, 214A Organ Pipe Nat, HUMO Hull Mountain, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like MDJ Mudanjiang, MDJ Elko, ELK Elko, etc.

Table with columns: Code, Station Name, Az, El, AzEl, Phase ID, Time Res, h, m, s, ISC. Rows include BPAW Bear Paw Mtn., SCM Sheep Creek Mo., RND Reindeer, KLU Klutina, RAGM Ragged Mountai, MLY Manley, BMRM Bremner River, WRH Wood River Hill, CCB Clear Creek Bu, COLA College, ILAR Elison Array, COLD Coldfoot, FYU Fort Yukon, FYU Fort Yukon, EGAK Eagle, HYT Haines Junctio, DAWY Dawson, SKAGY Skagway, DLBC Dease Lake, INK Inuvik, YKA Yellowknife Ar, NEW Newport, EDM Edmonton, WYVOR Wild Horse Val, EGMT Eggleton, BOZ Bozeman (W), NVAR Mina Array Bea, RLMT Red Lodge, R11A Troy Canyon, C DUG Dugway, BW06 Boulder Array, PDAR Pinedale Array, SRU San Rafael, PV01 Paradox Valley, SDCO Great Sand Dun, SONM Songino Array, WMOK Wichita Moun, TXAR Lajitas Array, HHC Hu-ho-hao-te, HHC 22nm,0.9s, WMQ Urumqi, WMQ 11nm,0.6s, CD2 Chengdu, KMI Kunming, KMI KMI, WRA Warramunga Arr, ASAR Alice Springs.

IDC 04 10:43:09.9+0.6, 52.662N:169.90W, h0km, mb4.0/20, mb1 4.2/21, mb1mx4.1/35, mbmp4.0/21, ML4.0/1, Error ellipse: s-maj=21.4km s-min=12.1km az=171.0, NEIC 04 10:43:13.6, 52.544N:169.10W, h8km, mb4.4/13, ML4.2(AEIC), After AEIC.

ISC 04 10:43:13.7+0.6, 52.724N:169.010W, h10km, n58, a175/43, mb4.2/31, FO Islands

Table with columns: Code, Station Name, Az, El, AzEl, Phase ID, Time Res, h, m, s, ISC. Rows include NIKH Nikolski High, NIKH NIKH, ISOM Makushin Julie, UNV Unalaska Valle, UNV UNV, ATKA Atka Island, SPIA Saint Paul Isl, KDAK Kodiak Island, KDAK 3.2nm,0.3s, SEW Seward, DIV Divide, ILAR Elison Array, PETK Petropavlovsk, H02NI VAN INLET T-PH, H02SI DAWSON INLET T, SEY Seymchan, DLBC Dease Lake, INK Inuvik, YKA Yellowknife Ar, HAWA Hanford, NEW Newport, BSMT Bassoo Peak, SLMT Seely Lake, CHMT Chamberlain Mo, HRY Holter Researc, MCMT McKenzie Canyo, NVAR Mina Array Bea, NVAR 0.7nm,0.8s, H11N2 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, H11S3 WAKE ISLAND Hy, MJAR Matusushiro Arr, PDAR Pinedale Array, PFO Pinyon Flat Ob.

Table with columns: Code, Station Name, Az, El, AzEl, Phase ID, Time Res, h, m, s, ISC. Rows include RSSD Black Hills, ULM Lac du Bonnet, AGMN Agassiz Nant, KSRS Kora Array, KSAR Wood Array Be, ANMO Albuquerque, ANMO 1.7nm,0.9s, ECSD EROS Data Cent, SONM Songino Array, SONM 0.3nm,0.4s, U34A Anderson Ranch, TXAR Lajitas Array, H06NI SCCRORRO T-PH, H06EI SCCRORRO T-PH, LRAL Lakeview Retre, FINES FINES Array B, AKASG Malin Array Be, CMAR Chiang Mai Arr, BRTR Keski Array B, WRA Warramunga Arr, ASAR Alice Springs, TSUM Tsumeb, MAW Mawson, MAW 2.7nm,0.8s, BOSA Boshof, VNA2 Neumayer-Watz, SNAA Sanae.

IDC 04 10:47:47.6+0.4, 52.65N:169.62W, h0km, mb4.2/29, mb1 4.3/30, mb1mx4.3/40, mbtp4.2/30, ML4.2/1, Error ellipse: s-maj=17.5km s-min=10.1km az=169.0, NEIC 04 10:47:50.2, 52.79N:169.53W, h13km, mb4.5/93, ML4.4(AEIC), After AEIC.

BUI 04 10:47:50.5, 52.76N:170.01W, h11km, mb4.7/9, mB5.2/4, Ms4.8/2, Ms7 4.6/2

ISCJB 04 10:47:51.7+0.5, 52.75N:169.48W, h0.04, h38km, 4km, mb4.4/103, Error ellipse: s-maj=7.7km s-min=3.5km az=170.2

ISC 04 10:47:50.9+0.8, 52.66N:169.07W, h20km, 3km, n462, a1908/456, mb4.5/103, FO Islands

Table with columns: Code, Station Name, Az, El, AzEl, Phase ID, Time Res, h, m, s, ISC. Rows include NIKH Nikolski High, OKSO Okmok South, OKSO OKSO, OKWR Okmok West Rim, OKKE Okmok Cone E, OKTU Okmok Mt. Tuli, OKAK Okmok, OKGF Magazine Ridge, MCIR Makushin Cirqu, MSW Makushin Switc, MTBL Makushin Table, UNV Unalaska Valle, AKRB Akutan Reef Bi, ZRO Akutan Green G, AKUT Akutan, ATKA Atka Island, WESP Westport Peak, SSSA Shishaldin, GSTR Great Sitkin T, FALS False Pass, GSTR Great Sitkin C, ETKA Kagalaska Isla, GSEW Seaward Pt Isl, SDPT Sand Point, AMKA Amchitka, CHGN Chignik, KDAK Kodiak Island, KDAK 1.8nm,0.3s, SVW2 Sparrevohn, RSO Redoubt South, SEW Seward, PPLA Purkeypile, CAST Castle Rocks, PMR Palmer, SPMW Bear Paw Mtn., SCM Sheep Creek Mo, RND Reindeer, DIV Divide, MCK McKinley, KLU Klutina, IM04 Indian Mountain, RAGM Ragged Mountai, MLY Manley, BMRM Bremner River, WRH Wood River Hill, PAX Paxson, CCB Clear Creek Bu, COLA College, ILAR Elison Array, MENT Mentasta, COLD Coldfoot, FYU Fort Yukon, EGAK Eagle, HYT Haines Junctio, DAWY Dawson, PETK Petropavlovsk, SKAGY Skagway, BESE Bessie Mountai, SEY Seymchan, SEY 3.0nm,0.6s, DLBC Dease Lake, DLBC 1.7nm,0.7s, DLBC Dease Lake.

Table with columns: Code, Station Name, Az, El, AzEl, Phase ID, Time Res, h, m, s, ISC. Rows include INK Inuvik, INK 2.5nm,0.5s, INK Inuvik, YKA Yellowknife Ar, D05A Dots, LON Longmire, H04A Detroit Lake, G05D Wamoi, I04A Tendick Farm, I05D Terrebonne, OR, HAWA Hanford, D08A Wollman Farm, C09A Chrisman Ranch, ASAJ Asahikawa, NEW Newport, NEW Newport, YBH Yreka Blue Hor, J05D Fort Rock, OR, E09A Wood Farm, Sta, G08A Fire Rock, M04C Macdoel, K05A Summer Lake, W05A Waterton Lakes, BSMT Bassoo Peak, BLMT Blacktail Moun, WVOR Wild Horse Val, MSO Missoula, MSO Missoula, SLMT Seely Lake, CHMT Chamberlain Mo, MFID Camas Ranch, HRY Holter Researc, WAKR Walker, HLID Hailey, HLID Hailey, DLMT Dillon, BMN Battle Mountai, EGMT Eggleton, EGMT Eggleton, BOZ Bozeman (W), NVAR Mina Array Bea, NVAR 2.0nm,0.8s, H11N2 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, ELK Elko, TPH Tonopah, GCMT Greycliff, YFT Old Faithful, SMMC Simmer, H17A Grant Village, YES Vestal, Richgr, H11S1 WAKE ISLAND Hy, IMW Indian Meadow, H11S2 WAKE ISLAND Hy, H11S3 WAKE ISLAND Hy, HUU Hansel Valley, MOV Mount Ponds, GRAC Grapevine Rang, RLMT Red Lodge, RLMT Red Lodge, REDW Red Top Meadow, SNOW Snow King Moun, LOHW Long Hollow, ISA Isabella, ISA Isabella, R11A Troy Canyon, C R11A Troy Canyon, SBC Santa Barbara, F20A Billings, DAC Darwin (Calif), ARVC Arvin, H19A Powell, MPMC Manual Prospec, E21A Keefer Ranch, MJAR Matusushiro Arr, MAJO Matusushiro, MAT Matusushiro, G20A Bridger, FURC Furber Creek, TPNV Topopah Spring, TPNV Topopah Spring, DUG Dugway, DUG Dugway, I19A Meeteetse, EDW2 Edwards Air Fo.

H20A	Greybull	40.29	76	P	P	10 55 27.0 +0.5	SMCO	Snowmass	44.08	82	eP	P	10 56 02.8 +4.9	N33A	J Bar K, Exete	48.76	74	P	P	10 56 34.1 0.0
DGMT	Dagmar	40.34	69	P	P	10 55 27.8 +0.9	K26A	Motz Farm, Whi	44.18	75	P	P	10 55 58.4 +0.2	P32A	Huiting Farm,	48.80	76	P	P	10 56 34.6 +0.1
BW06	Boulder Array	40.35	79	eP	P	10 55 28.1 +0.8	MVCO	Mesa Verde	44.45	85	P	P	10 56 00.5 +0.1	O33A	Hebron	49.10	75	P	P	10 56 37.6 +0.8
G21A	Lodge Grass	40.35	75	P	P	10 55 26.8 -0.2	MVCO	Mesa Verde	44.41	85	eP	P	10 56 01.0 +0.6	R31A	Burdett	49.11	78	P	P	10 56 37.2 +0.3
PDAR	Pinedale Array	40.35	79	P	P	10 55 28.0 +0.8	E30A	Jud	44.42	68	P	P	10 55 59.8 -0.3	V28A	Channing	49.17	82	P	P	10 56 37.9 +0.4
J19A	Crowheart	40.36	79	P	P	10 55 27.9 +0.7	M25A	Palm-Eglij Farm	44.43	77	P	P	10 56 00.5 +0.1	Q32A	Meitler Ranch,	49.23	76	P	P	10 56 38.4 +0.6
E22A	Miles City	40.42	73	P	P	10 55 28.1 +0.6	ISCO	Idaho Springs	44.51	80	P	P	10 56 01.2 0.0	N34A	Lincoln	49.25	73	P	P	10 56 38.7 +0.8
NLU	North Lily Min	40.51	85	eP	P	10 55 30.2 +1.6	ISCO	Idaho Springs	44.51	80	eP	P	10 56 06.0 +4.8	M35A	Neola	49.32	72	P	P	10 56 38.7 +0.3
I20A	Worland	40.52	77	P	P	10 55 29.1 +0.6	J27A	Elkhorn Farm,	44.54	74	P	P	10 56 01.2 +0.1	R32A	Long Quarter,	49.51	77	P	P	10 56 40.1 +0.1
SHOC	Shoshone	40.54	93	P	P	10 55 29.9 +1.3	I28A	Midland	44.58	73	P	P	10 56 01.6 +0.2	O34A	Beatrice	49.56	74	P	P	10 56 40.4 +0.2
F22A	Rosebud	40.60	74	P	P	10 55 29.6 +0.6	G29A	Hoven	44.60	71	P	P	10 56 01.8 +0.3	U30A	WK&E Inc. Balk	49.60	80	P	P	10 56 41.1 +0.4
GSC	Goldstone	40.61	94	P	P	10 55 30.8 +1.5	K27A	Flueckinger Fa	44.73	75	P	P	10 56 02.4 -0.2	Q33A	Connelly Farm,	49.66	76	P	P	10 56 41.5 +0.5
GSC	Goldstone	40.61	94	eP	P	10 55 31.2 +1.9	H29A	Onida	44.77	71	P	P	10 56 03.2 +0.4	N35A	Tabor	49.73	73	P	P	10 56 41.9 +0.3
A25A	Svangstu Ranch	40.71	68	P	P	10 55 30.4 +0.5	J28A	Allard Ranch,	44.88	73	P	P	10 56 04.0 +0.2	R33A	Olander Ranch,	50.02	77	P	P	10 56 44.0 +0.3
E23A	Ismay	40.76	72	P	P	10 55 31.3 +0.9	I29A	Vivian Onida,	45.07	72	P	P	10 56 05.3 0.0	COWI	Conover	50.09	63	eP	P	10 56 46.1 +1.8
BFSO	Mount Baldy Ra	40.81	96	P	P	10 55 32.4 +1.4	S22A	4UR Ranch, Cre	45.08	83	P	P	10 56 06.3 +0.6	Y28A	McKinney Farm,	50.41	84	P	P	10 56 47.2 +0.4
G22A	Birney	40.89	74	P	P	10 55 31.4 -0.1	S22A	4UR Ranch, Cre	45.08	83	eP	P	10 56 07.3 +1.6	T33A	Patterson Ranc	50.67	78	P	P	10 56 48.9 +0.2
J20A	Shoshoni	40.89	78	P	P	10 55 32.4 +0.8	AGMN	Agassiz Nation	45.10	65	P	P	10 56 04.6 -0.8	U32A	Winter Ranch,	50.69	79	P	P	10 56 48.8 0.0
I21A	Big Trails, Te	41.09	77	P	P	10 55 33.5 +0.3	AGMN	Agassiz Nation	45.10	65	eP	P	10 56 05.9 +0.4	Z28A	Tucker Farm, M	50.75	85	P	P	10 56 49.9 +0.5
F23A	Volborg	41.13	73	P	P	10 55 34.0 +0.5	K28A	Ten Mile Ranch	45.24	74	P	P	10 56 05.9 -0.7	Y29A	Porterfield Fa	50.79	84	P	P	10 56 50.1 +0.4
H22A	Clearmont	41.20	75	P	P	10 55 34.2 0.0	214A	Organ Pipe Nat	45.33	94	P	P	10 56 08.6 +1.2	X30A	Coker Ranch, T	50.87	82	P	P	10 56 50.7 +0.4
HEC	Hector,Ludlow	41.22	94	P	P	10 55 35.5 +1.2	214A	Organ Pipe Nat	45.33	94	eP	P	10 56 08.7 +1.3	S34A	Willow Spring	50.94	77	P	P	10 56 50.9 +0.2
CCUT	Cedar City	41.24	89	eP	P	10 55 36.5 +1.9	M27A	Reverse DX Ran	45.36	76	P	P	10 56 08.0 +0.3	128A	Castleberry Fa	51.15	85	P	P	10 56 53.0 +0.5
BBRC	Big Bear Solar	41.24	95	P	P	10 55 35.9 +1.2	KSRs	Korea Array	45.37	276	P	P	10 56 06.7 -0.9	SONM	Songino Array	51.51	301	P	P	10 56 52.1 -0.2
J21A	Lysitte	41.27	77	P	P	10 55 34.5 -0.3	KSAR	Wynn Array Be	45.40	276	P	P	10 56 06.7 -1.2	SONM	Songino Array	51.51	301	P	P	10 56 52.1 -0.2
E24A	Baker	41.30	71	P	P	10 55 36.0 +1.1	J29A	Okreek	45.43	73	P	P	10 56 08.3 +0.2	SONM	Songino Array	51.51	301	P	P	10 56 52.1 -0.2
A26A	Wade Farm, Ken	41.34	67	P	P	10 55 35.0 -0.1	K29A	Lazy Trails An	45.82	74	P	P	10 56 10.7 -0.6	T34A	McClaskey Farm	51.34	77	P	P	10 56 53.2 -0.6
MSU	Marysvalle	41.35	86	eP	P	10 55 37.5 +2.0	SDCO	Great Sand Dun	45.88	82	P	P	10 56 12.5 +0.4	W32A	Sentinel	51.39	81	P	P	10 56 54.3 +0.1
G23A	Biddle	41.43	74	P	P	10 55 36.1 +0.2	SDCO	Great Sand Dun	45.88	82	eP	P	10 56 13.2 +1.1	S35A	Otter Creek Ra	51.42	76	P	P	10 56 54.2 -0.1
TMUT	Trail Mountain	41.44	85	eP	P	10 55 38.2 +1.9	J30A	Great Sand Dun	45.96	72	P	P	10 56 12.4 0.0	R36A	Godron, Harris	51.47	75	P	P	10 56 55.3 +0.6
I22A	9 Mile Ranch,	41.53	76	P	P	10 55 36.7 -0.1	P26A	Davis Ranch, A	46.02	79	P	P	10 56 13.7 +0.8	Z30A	Sanderson Ranc	51.51	84	P	P	10 56 55.3 +0.2
F24A	Ekalaka	41.62	72	P	P	10 55 37.2 -0.2	M28A	Bar X Bar Ranch	46.04	76	P	P	10 56 13.5 +0.4	129A	Stewart Farms,	51.52	85	P	P	10 56 55.2 +0.1
GMRC	Granite Mounta	41.66	93	P	P	10 55 39.4 +1.4	K30A	Basset	46.29	73	P	P	10 56 15.0 0.0	U34A	Anderson Ranch	51.53	78	P	P	10 56 55.2 +0.1
LDFC	Landfair	41.79	93	eP	P	10 55 40.6 +1.5	TUC	Tucson	46.31	92	eP	P	10 56 16.6 +1.4	U34A	Anderson Ranch	51.53	78	eP	P	10 56 55.4 +0.2
J22A	Midwest	41.81	77	P	P	10 55 40.0 +0.9	M29A	Burnside Ranch	46.41	75	P	P	10 56 15.8 -0.2	T35A	Sooner Cattle	51.81	77	P	P	10 56 57.3 +0.1
E25A	Miller Ranch,	41.86	71	P	P	10 55 38.9 -0.5	J31A	Geddes	46.42	72	P	P	10 56 15.9 0.0	X32A	Elmer	51.84	81	P	P	10 56 58.1 +0.5
KNB	Kanab	41.91	89	eP	P	10 55 42.2 +2.1	H32A	Carlson Farm,	46.43	70	P	P	10 56 15.0 -1.0	WMOK	Wichita Mounta	51.93	81	eP	P	10 56 58.5 +0.3
G24A	Alzada	41.92	73	P	P	10 55 39.7 -0.2	JNU	Nakatsue	46.47	270	P	P	10 56 15.4 -1.0	229A	Bryant Ranch,	52.01	85	P	P	10 56 59.5 +0.6
PFO	Pinyon Flat Ob	41.97	95	P	P	10 55 41.8 +1.2	O28A	Krueger Ran	46.60	77	P	P	10 56 17.1 -0.3	Y32A	P Farms, Ver	52.04	82	P	P	10 56 59.5 +0.5
PFO	Pinyon Flat Ob	41.97	95	P	P	10 55 40.7 +0.2	L30A	Spencer Herefo	46.67	74	P	P	10 56 17.2 -0.7	Z31A	Sharp Cattle R	52.09	83	P	P	10 56 59.6 +0.2
PRU	Pinyon Flat Ob	41.97	95	eP	P	10 55 41.9 +1.3	H33A	Prehn Over Nor	46.72	69	P	P	10 56 17.9 -0.4	130A	Snyder	52.09	84	P	P	10 56 59.5 +0.1
SFO	San Rafael	41.98	85	eP	P	10 55 42.9 +2.3	R26A	Arlington	46.76	80	P	P	10 56 18.0 -0.8	T36A	Boeggs Farm, Ca	52.09	76	P	P	10 56 59.3 -0.1
BELC	Belle Mtn. Jos	41.98	95	P	P	10 55 41.8 +1.2	KSCO	Kaye Shedlock'	46.80	79	P	P	10 56 18.6 -0.4	329A	Wagon Wheel Ra	52.24	86	P	P	10 57 01.3 +0.7
EKU	East Kanab	42.07	88	eP	P	10 55 43.0 +1.6	KSCO	Kaye Shedlock'	46.80	79	eP	P	10 56 20.5 +1.4	S37A	Fort Scott	52.24	75	P	P	10 57 00.2 -0.2
MMU	Miners Mountai	42.08	86	eP	P	10 55 43.3 +1.8	N29A	Votaw Ranch, W	46.84	76	P	P	10 56 18.8 -0.6	131A	Roby	52.38	84	P	P	10 57 02.2 +0.6
I23A	Meade Ranch, G	42.09	75	P	P	10 55 42.0 +0.6	T25A	Trinidad	46.94	82	P	P	10 56 20.8 +0.5	V35A	Meyer Ranch, C	52.40	78	P	P	10 57 01.6 0.0
F25A	Bowman	42.14	72	P	P	10 55 41.5 -0.2	T25A	Trinidad	46.94	82	eP	P	10 56 21.8 +1.5	230A	Sterling City	52.49	85	P	P	10 57 02.7 +0.2
H24A	Dirks Ranch, A	42.17	74	P	P	10 55 41.8 -0.2	P28A	Saint Francis	46.96	78	P	P	10 56 20.1 -0.2	Z32A	Haskell	52.49	82	P	P	10 57 03.0 +0.6
K22A	Casper	42.23	78	P	P	10 55 42.6 0.0	LAZ	Ladron	47.10	87	eP	P	10 56 23.2 +1.6	T37A	Cheneyville 18	52.62	76	P	P	10 57 02.8 -0.4
C27A	Saylor Ranch,	42.28	68	P	P	10 55 43.1 +0.4	ANMO	Albuquerque	47.15	86	P	P	10 56 23.0 +1.1	TXAR	Lajas Array	52.74	89	P	P	10 57 05.1 +0.7
A28A	Rude Farm, Bot	42.33	66	P	P	10 55 43.2 +0.1	ANMO	Albuquerque	47.15	86	eP	P	10 56 23.0 +1.1	330A	Mertzon	52.79	85	P	P	10 57 04.6 0.0
IRM	Iron Mountain	42.39	94	P	P	10 55 45.0 +1.2	ANMO	Albuquerque	47.15	86	eP	P	10 56 23.1 +1.1	W35A	Tecumseh	52.79	79	P	P	10 57 04.4 -0.1
E26A	Carlson Angus	42.41	70	P	P	10 55 44.5 +0.6	R27A	Eads	47.16	80	P	P	10 56 22.4 +0.5	HHC	Hu-ho-hao-te	52.82	291	eP	PMZ	10 57 05.4 +0.6
MONP	Monument Peak	42.49	96	P	P	10 55 45.6 +0.8	O29A	4D Ranch, Culb	47.18	77	P	P	10 56 21.8 -0.2	HHC	Hu-ho-hao-te	52.82	291	eP	PMZ	10 57 05.4 +0.6
BC3	Big Chuckawall	42.55	95	P	P	10 55 45.8 +0.6	Q28A	Sharon Springs	47.24	78	P	P	10 56 22.0 -0.5	ABTX	Abilene, Hawle	52.87	83	P	P	10 57 05.4 +0.2
F26A	Lodgepole	42.64	71	P	P	10 55 45.5 -0.2	H34A	Spellman Lake,	47.28	69	P	P	10 56 22.1 -0.5	429A	Davenport Ranc	52.90	87	P	P	10 57 06.1 +0.6
I24A	Kuemmerle Ranc	42.64	75	P	P	10 55 45.9 0.0	ECSD	EROS Data Cent	47.37	70	P	P	10 56 22.7 -0.6	TUL1	Tulsa	52.92	77	P	P	10 57 04.6 -0.9
K23A	Bowen Ranch, D	42.70</																		

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes entries for Vicky Place, Junction City, Whitesboro, Blue Ridge, etc.

Table with columns: WHZ, Wether Hill Ro, Wanaka, WKZ, etc. Includes entries for Wether Hill Ro, Wanaka, WKZ, WYK, etc.

Table with columns: CTKS, Kestanelik-??a, CTKS, Kestanelik-??a, etc. Includes entries for Kestanelik-??a, Enez, DURS, Dursunbey, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes entries for Deep Cove, Milford Sound, Deep Cove, etc.

Table with columns: MRMT, Marmara Adasi, EDC, Edinick, etc. Includes entries for Marmara Adasi, Edinick, BNT, Sarkoy-Tekirda, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes entries for WAKE ISLAND Hy 37.75 219, WAKE ISLAND Hy 37.75 219, etc.

ISCJB 04 10:54:48.0, 4.5, 05:08S, 0:05:167:52E, h101km, 5km, mb3.6/3, Error ellipse: s-maj=9.5km s-min=6.0km az=44.5

WEL 04 10:54:50.3, 0.1, 45:14S, 167:39E, h88km, 1km, ML4.4/20, Error ellipse: s-maj=1.4km s-min=0.9km az=90.0

NEIC 04 10:54:50.0, 45:08S, 167:33E, h83km, ML4.4(WEL), After WEL

NEIC Felt at Queenstown, ISC 04 10:54:49.1, 0.9, 45:09S, 0:05:167:45E, h96km, 6km, n61, s100/63, mb3.7/3, 5C-2D, South Island

ATH 04 10:55:41.7, 0:47N, 27:56E, h21km, 6km, MD3.1/5, Error ellipse: s-maj=4.8km s-min=3.1km az=13.0

CSEM 04 10:55:43.7, 0:1, 40:48N, 27:53E, h20km, ML2.4, Error ellipse: s-maj=5.0km s-min=3.1km az=9.0

ISC 04 10:55:42.7, 1.0, 40:46N, 0:02:27:52E, 0.02, h11km, 10km, n64, c0:39/87, Turkey

ISC 04 10:56:47.3, 1.0, 52:65N, 169:86W, h0km, mb3.8/8, mb1.4/0.10, mb1mx3.8/32, mbtmp3.7/10, ML3.2/2, Error ellipse: s-maj=35.1km s-min=18.8km az=153.0

ISCJB 04 10:56:48.0, 0.5, 52:56N, 0:06:169:21W, 0.07, h10km, mb3.9/9, Error ellipse: s-maj=10.5km s-min=3.8km az=148.7

NEIC 04 10:56:49.6, 52:65N, 169:21W, h8km, mb3.9/2, ML3.9(AEIC), After AEIC

ISC 04 10:56:50.4, 0.8, 52:54N, 0:09:169:15W, 0:06, h10km, n41, c134/37, mb3.7/9, Fox Islands

ISCJB 04 10:57:49.4, 0.3, 52:61N, 0:05:169:52W, 0:06, h10km, mb4.2/30, Error ellipse: s-maj=8.8km s-min=3.9km az=150.0

ISC 04 10:57:49.5, 0.5, 52:55N, 169:86W, h0km, mb4.0/22, mb1.4/2/24, mb1mx4.1/38, mbtmp4.0/24, ML3.5/2, MS3.9/1, Ms1.4/0.1, ms1mx3.1/41, Error ellipse: s-maj=19.0km s-min=11.7km az=169.0

NEIC 04 10:57:52.9, 52:65N, 169:19W, h15km, mb4.3/18, ML3.9(AEIC), After AEIC

ISC 04 10:57:51.6, 0.6, 52:65N, 0:09:169:32W, 0:06, h10km, n73, c0:90/59, mb4.2/34, Fox Islands

ISC 04 10:57:49.4, 0.3, 52:61N, 0:05:169:52W, 0:06, h10km, mb4.2/30, Error ellipse: s-maj=8.8km s-min=3.9km az=150.0

ISC 04 10:57:49.5, 0.5, 52:55N, 169:86W, h0km, mb4.0/22, mb1.4/2/24, mb1mx4.1/38, mbtmp4.0/24, ML3.5/2, MS3.9/1, Ms1.4/0.1, ms1mx3.1/41, Error ellipse: s-maj=19.0km s-min=11.7km az=169.0

NEIC 04 10:57:52.9, 52:65N, 169:19W, h15km, mb4.3/18, ML3.9(AEIC), After AEIC

ISC 04 10:57:49.4, 0.3, 52:61N, 0:05:169:52W, 0:06, h10km, mb4.2/30, Error ellipse: s-maj=8.8km s-min=3.9km az=150.0

ISC 04 10:57:49.5, 0.5, 52:55N, 169:86W, h0km, mb4.0/22, mb1.4/2/24, mb1mx4.1/38, mbtmp4.0/24, ML3.5/2, MS3.9/1, Ms1.4/0.1, ms1mx3.1/41, Error ellipse: s-maj=19.0km s-min=11.7km az=169.0

NEIC 04 10:57:52.9, 52:65N, 169:19W, h15km, mb4.3/18, ML3.9(AEIC), After AEIC

ISC 04 10:57:51.6, 0.6, 52:65N, 0:09:169:32W, 0:06, h10km, n73, c0:90/59, mb4.2/34, Fox Islands

ISC 04 10:57:49.4, 0.3, 52:61N, 0:05:169:52W, 0:06, h10km, mb4.2/30, Error ellipse: s-maj=8.8km s-min=3.9km az=150.0

ISC 04 10:57:49.5, 0.5, 52:55N, 169:86W, h0km, mb4.0/22, mb1.4/2/24, mb1mx4.1/38, mbtmp4.0/24, ML3.5/2, MS3.9/1, Ms1.4/0.1, ms1mx3.1/41, Error ellipse: s-maj=19.0km s-min=11.7km az=169.0

NEIC 04 10:57:52.9, 52:65N, 169:19W, h15km, mb4.3/18, ML3.9(AEIC), After AEIC

ISC 04 10:57:49.4, 0.3, 52:61N, 0:05:169:52W, 0:06, h10km, mb4.2/30, Error ellipse: s-maj=8.8km s-min=3.9km az=150.0

ISC 04 10:57:49.5, 0.5, 52:55N, 169:86W, h0km, mb4.0/22, mb1.4/2/24, mb1mx4.1/38, mbtmp4.0/24, ML3.5/2, MS3.9/1, Ms1.4/0.1, ms1mx3.1/41, Error ellipse: s-maj=19.0km s-min=11.7km az=169.0

NEIC 04 10:57:52.9, 52:65N, 169:19W, h15km, mb4.3/18, ML3.9(AEIC), After AEIC

ISC 04 10:57:51.6, 0.6, 52:65N, 0:09:169:32W, 0:06, h10km, n73, c0:90/59, mb4.2/34, Fox Islands

ISC 04 10:57:49.4, 0.3, 52:61N, 0:05:169:52W, 0:06, h10km, mb4.2/30, Error ellipse: s-maj=8.8km s-min=3.9km az=150.0

ISC 04 10:57:49.5, 0.5, 52:55N, 169:86W, h0km, mb4.0/22, mb1.4/2/24, mb1mx4.1/38, mbtmp4.0/24, ML3.5/2, MS3.9/1, Ms1.4/0.1, ms1mx3.1/41, Error ellipse: s-maj=19.0km s-min=11.7km az=169.0

NEIC 04 10:57:52.9, 52:65N, 169:19W, h15km, mb4.3/18, ML3.9(AEIC), After AEIC

4d 12h

Table of station data for the 4d 12h period, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residuals. Includes stations like OKTU, OKFG, MSOM, etc.

2010 AUG

Main table of station data for 2010 AUG, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residuals. Includes stations like IDC 04, NEIC 04, CSEM 04, etc.

178

Table of station data for the 178 period, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residuals. Includes stations like SFK, MNAS, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like ISCO Idaho Springs, G29A Hoven, I28A Midland, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like M30A Dale-Ortello V, J32A Parkston, N29A Votaw Ranch, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like T28A Walsh, QZH Quanzhou, QZH Stockton, etc.

MIAR	comp=Z,17um,22.0s	LR	LR				
236A	Katherine and baz=61,SNR=91	60.96	74	P	P	13 08 35.1	-0.1
137A	Heron Place G baz=61,SNR=33	61.01	73	P	P	13 08 35.0	-0.5
BVA0	Borovoye Array	61.01	320	i	P	13 08 34.1	-1.1
BVA0	comp=Z,123nm,1.1s				pmax		
BVAR	Borovoye Array comp=Z,48um,19.6s,baz=36,slow=38	61.01	320	LR	LR	13 37 29.7	
BVAR	comp=Z,3.5nm,0.9s,baz=207,slow=2.9,SNR=5.5				PKPPK P'P'df	13 37 51.6	-6.3
BVAR	comp=Z,4.8nm,0.9s,baz=202,slow=1.6,SNR=6.7				P'P'bc	13 38 02.2	-4.7
BVAR	PK2Pbc P4KPbc					13 45 38.2	
Z38A	comp=Z,5.0nm,0.9s,baz=64,slow=3.7,SNR=18				P	13 08 35.6	+0.1
BRVK	Mt. Pleasant baz=61,SNR=64	61.01	72	P	P	13 08 35.9	+0.6
BRVK	Borovoye	61.03	320	P	P	13 08 34.3	-1.0
BRVK	Borovoye	61.03	320	e	P	13 09 19.2	
BRVK	comp=Z,114nm,0.8s				pmax		
BRVK	comp=Z,114nm,0.8s				MLR		
BRVK	comp=Z,54um,19.0s				MLR		
BRVK	comp=Z,114nm,0.8s	61.03	320	eP	P	13 08 34.3	-1.0
BRVK	comp=Z,114nm,0.8s				ePcP		
BRVK	comp=Z,114nm,0.8s				LR		
Y39A	comp=Z,54um,19.0s				LR		
Lockesburg	baz=61,SNR=40	61.06	71	P	P	13 08 35.3	-0.5
AAM	Ann Arbor	61.09	58	eP	P	13 08 36.0	+0.1
AAM	comp=Z,201nm,0.7s				pmax		
AAM	comp=Z,16um,21.0s				MLR		
AAM	Ann Arbor	61.09	58	eP	P	13 08 36.0	+0.1
AAM	comp=Z,201nm,0.7s				LR		
633A	comp=Z,16um,21.0s				LR		
633A	Saathoff Ranch baz=61,SNR=19	61.14	78	P	P	13 08 35.7	-0.7
OLIL	Olney	61.17	63	eP	P	13 08 36.1	-0.4
534A	comp=Z,2um,0.9s				eP		
534A	Blanco baz=61,SNR=54	61.17	77	P	P	13 08 35.8	-0.8
732A	Laxson Ranch, baz=61,SNR=114	61.17	79	P	P	13 08 35.8	-0.8
435A	Jarrell baz=61,SNR=30	61.18	76	P	P	13 08 36.5	-0.2
336A	Riesel baz=61,SNR=34	61.20	75	P	P	13 08 36.6	-0.2
SIUC	Southern Illin comp=Z,594nm,0.9s	61.25	65	eP	P	13 08 36.2	-0.8
TMCR	Tamitsa	61.32	343	eP	pmax	13 08 37.5	+0.4
TMCR	comp=Z,281nm,1.1s				pmax		
138A	Matatal Enter baz=61,SNR=66	61.36	73	P	P	13 08 38.2	+0.4
237A	Washetta, Mont baz=61,SNR=43	61.39	74	P	P	13 08 38.0	-0.1
H06N	SOCORRO T-PHASE SNR=183	61.48	95	T	T	14 16 04.7	
832A	Faith Ranch, C baz=61,SNR=172	61.49	80	P	P	13 08 38.7	0.0
Z39A	Irene McRaven baz=61,SNR=10.0	61.49	72	P	P	13 08 38.5	-0.2
UALR	University of comp=Z,374nm,1.1s	61.50	69	eP	P	13 08 38.2	-0.6
H06E1	SOCORRO T-PHASE SNR=173	61.59	95	T	T	14 15 38.0	
H06S1	SOCORRO T SNR=5.4	61.95	95	T	T	14 15 47.3	
733A	Divot King Ran baz=62,SNR=29	61.60	79	P	P	13 08 39.2	-0.3
436A	Wall Ranch, Ga baz=62,SNR=49	61.67	75	P	P	13 08 39.9	0.0
PARMO	Serma	61.68	66	eP	P	13 08 39.4	-0.5
SVE	Verdlovsk	61.69	328	i	P	13 08 39.8	+0.1
SVE	comp=Z,184nm,1.2s				eS		
SVE	comp=N,21um,21.0s				pmax		
SVE	comp=E,28um,21.0s				MLR		
SVE	comp=Z,50um,20.0s				MLR		
NRS	Narsarsuaq	61.70	24	i	P	13 08 38.9	-0.8
NRS	Narsarsuaq	61.70	24	i	P	13 08 38.9	-0.8
NRS	comp=Z,130nm,1.0s				pmax		
NRS	comp=Z,21um,18.0s				MLR		
634A	China Grove, S baz=62	61.70	78	P	P	13 08 40.2	0.0
535A	Dale baz=62,SNR=36	61.72	77	P	P	13 08 40.1	-0.2
RCP	Roxas	61.73	252	i	P	13 08 41.4	+0.9
BLO	Bloomington	61.74	62	eP	P	13 08 40.0	-0.3
BLO	Bloomington	61.74	62	eP	P	13 08 40.0	-0.3
139A	Bunkhouse Ranc baz=62	61.77	72	P	P	13 08 40.3	-0.2
238A	Jacksonville baz=62,SNR=35	61.81	73	P	P	13 08 40.9	0.0
833A	Chaparral WMA, baz=62,SNR=47	61.82	79	P	P	13 08 40.9	0.0
KALP	Kalib	61.88	252	eP	P	13 08 40.2	-1.3
PVMO	Portageville	61.89	66	eP	P	13 08 41.3	0.0
HBAR	Harrisburg	61.94	67	eP	P	13 08 41.1	-0.6
USIN	University of comp=Z,3um,0.9s	61.95	64	eP	P	13 08 41.4	-0.4
734A	La Parita Cree baz=62,SNR=31	61.96	78	P	P	13 08 42.1	+0.2
PRGR	Permogore	61.97	338	i	P	13 08 41.4	-0.1
PRGR	comp=Z,503nm,0.8s				eP		
PRGR	comp=Z,503nm,0.8s				S		
PRGR	comp=Z,503nm,0.8s				pmax		
536A	Bastrop baz=62,SNR=20	61.99	76	P	P	13 08 42.4	+0.3
SJMP	San Jose	62.00	254	eP	P	13 08 42.9	+0.6
GNAR	Gosnell	62.02	67	eP	P	13 08 41.8	-0.4
437A	Phantom Ranch, baz=62,SNR=10.0	62.02	75	P	P	13 08 42.3	0.0
635A	Leesville baz=62,SNR=58	62.05	77	P	P	13 08 42.6	0.0
KONS	Konsvik	62.11	355	eP	P	13 08 42.0	-0.4
336A	Crockett baz=62,SNR=12	62.15	74	P	P	13 08 43.5	+0.3
239A	Gary baz=62,SNR=42	62.19	73	P	P	13 08 43.2	-0.2
GLAT	Glass	62.22	66	eP	P	13 08 43.5	-0.1
NATX	Nacogdoches baz=62,SNR=20	62.25	73	P	P	13 08 44.1	+0.3
NATX	Nacogdoches comp=Z,552nm,1.1s	62.25	73	eP	P	13 08 44.0	+0.1
NATX	comp=Z,33um,22.0s				LR		
FLOS	Flostrand	62.26	355	eP	P	13 08 44.0	+0.7
MOR8	Moi Rana	62.36	354	eP	P	13 08 42.6	-1.4
MOR8	comp=Z,95nm,1.3s				IAMB		
933A	Laredo baz=62,SNR=43	62.40	80	P	P	13 08 44.9	0.0
735A	Kenedy baz=62,SNR=16	62.41	78	P	P	13 08 45.1	+0.2
636A	Smothers Creek baz=62,SNR=42	62.42	77	P	P	13 08 45.3	+0.3
HALT	Halls	62.45	66	eP	P	13 08 44.9	-0.1
537A	Green Hill Far baz=62,SNR=47	62.45	76	P	P	13 08 45.7	+0.5
834A	Tilden baz=62,SNR=15	62.48	79	P	P	13 08 45.6	+0.2
438A	Sam Houston St baz=62,SNR=39	62.48	74	P	P	13 08 46.0	+0.6
339A	Huntington	62.62	73	P	P	13 08 46.7	+0.4

MET	comp=Z,62	62.66	67	eP	P	13 08 46.4	-0.1
ARU	Memphis-2um,1.0s	62.70	328	eP	P	13 08 45.8	-0.6
ARU	Arti	62.70	328	eP	P	13 09 25.0	
ARU	comp=Z,361nm,1.7s				PPP		
ARU	comp=Z,361nm,1.7s				PPP		
ARU	comp=Z,361nm,1.7s				pmax		
ARU	comp=Z,361nm,1.7s				pmax		
ARU	comp=Z,361nm,1.7s				MLR		
ARU	Arti	62.70	328	eP	P	13 08 47.0	+0.6
ARU	Arti	62.70	328	eP	P	13 08 45.9	-0.6
ARU	comp=Z,152nm,0.9s				LR		
736A	Circle Diamond baz=63,SNR=22	62.79	77	P	P	13 08 48.1	+0.7
835A	Beeville baz=63,SNR=34	62.80	78	P	P	13 08 48.6	+1.1
538A	Harpers Horsep baz=63,SNR=8.5	62.85	75	P	P	13 08 48.7	+0.9
BORG	Borgarnes	62.86	11	P	P	13 08 48.2	+0.9
BORG	Borgarnes comp=Z,205nm,1.2s,SNR=5.5	62.86	11	P	P	13 08 50.0	+2.7
BORG	Borgarnes	62.86	11	P	P	13 09 00.0	+1.3
BORG	Borgarnes	62.86	11	P	P	13 09 00.0	+1.3
439A	Center Grove, baz=63,SNR=18	62.88	74	P	P	13 08 48.1	+0.1
ACSO	Alum Creek Sta comp=Z,740nm,1.4s	62.92	59	eP	P	13 08 47.9	-0.3
ACSO	comp=Z,13um,20.0s				LR		
340A	Bronson baz=63,SNR=55	62.96	73	P	P	13 08 48.5	-0.1
034A	Hebbroville baz=63,SNR=57	63.16	80	P	P	13 08 50.8	+0.9
KVTX	Kingsville comp=Z,394nm,1.0s	63.30	79	eP	P	13 08 51.8	+0.9
KVTX	comp=Z,14um,21.0s				LR		
737A	Port Lavaca comp=Z,114nm,0.8s	63.31	77	P	P	13 08 52.1	+1.2
HNR	Honiara	63.38	204	P	P	13 09 00.0	+8.7
HNR	comp=Z,14um,20.0s				LR		
539A	Cross Ranch, baz=63,SNR=12	63.39	74	P	P	13 08 52.4	+1.0
440A	Kirbyville baz=63,SNR=16	63.40	73	P	P	13 08 52.0	+0.6
OXF	Oxford	63.40	67	eP	P	13 08 50.9	-0.5
OXF	Oxford	63.40	67	eP	P	13 08 50.9	-0.5
035A	Encino baz=64,SNR=63	63.61	79	P	P	13 08 53.5	+0.6
DAV	Davaco City (W) comp=Z,114nm,0.4s,baz=65,slow=13,SNR=4.1	63.66	247	P	P	13 08 53.5	+0.2
DAV	Davaco City (W)	63.66	247	P	P	13 08 53.5	+0.2
DAV	comp=Z,20um,22.0s				LR		
738A	Farr-Stevens R baz=64	63.74	76	P	P	13 08 55.3	+1.5
936A	North Padre Is baz=64	63.74	78	P	P	13 08 54.8	+1.0
540A	Vidor baz=64	63.77	74	P	P	13 08 55.0	+1.1
JAY	Jayapura	63.90	227	P	P	13 08 54.0	-1.0
JAY	Jayapura	63.90	227	P	P	13 08 54.0	-1.0
JAY	Jayapura	63.90	227	P	P	13 08 55.6	+0.6
JAY	Jayapura	63.90	227	P	P	13 08 55.6	+0.6
KMI	Kunming	63.91	278	P	P	13 08 55.1	-0.1
KMI	comp=Z,350nm,1.2s				PMZ		
KMI	comp=Z,5um,8.7s				LN		
KMI	comp=Z,9um,24.8s				LN		
KMI	comp=Z,7um,23.6s				LE		
KMI	comp=Z,7um,23.6s				LE		
QIZ	Qiongzong	63.95	268	P	P	13 08 55.9	+0.6
QIZ	Qiongzong	63.95	268	P	P	13 11 15.9	-0.1
QIZ	Qiongzong	63.95	268	P	P	13 17 30.7	+1.8

GMM	Mts of Mourne	74.56	5	eP	P	13 09 59.2	-1.2
TEIG	Tepich	74.60	77	eP	P	13 10 01.0	-0.2
TEIG	comp=Z,127nm,19.0s			LR	LR		
DDI	Dehra Dun	74.61	299	eP	P	13 09 59.8	-1.4
DDI	comp=Z,944nm,2.2s			AMB	AMB	13 10 02.7	
DDI	Bhakar	74.65	301	eP	x	13 10 15.8	
BSEB	Bad Segeberg	74.79	355	eP	P	13 10 05.6	+4.3
KALG	Kalgarh	74.85	298	eP	P	13 10 01.1	-1.4
GKP	Gorka Klasztor	74.88	350	eP	P	13 10 01.9	-0.3
GKP	comp=Z,25um,21.7s			LMZ	LR	13 10 02.0	
GKP	Haverah Park	75.00	2	eP	P	13 10 04.2	+1.2
HPK	comp=Z,178nm,1.5s			AMB	AMB	13 10 05.1	
HPK	Bokaro	75.14	289	eP	P	13 10 03.8	-0.5
HPK	comp=Z,6um,17.0s			AMS	AMS	13 55 51.5	
TTSI	Tana Toraja	75.19	245	eP	P	13 10 04.7	+0.2
LHO	Holmfirth	75.40	21	eP	P	13 10 04.2	-1.1
BKB	Baikpapan	75.43	249	eP	P	13 10 05.5	-0.4
WME	Myndd Eilian	75.48	4	eP	P	13 10 05.0	-0.6
LMK	Market Rasen	75.52	11	eP	P	13 10 04.7	-1.2
LMK	comp=Z,7um,21.7s			AMS	AMS	13 43 58.9	
DSB	Dublin	75.53	5	eP	P	13 10 05.0	-1.1
KKR	Kurukshetra	75.56	300	eP	P	13 10 05.9	-0.7
KKR	comp=Z,449nm,1.5s			AMB	AMB	13 10 08.0	
WLF1	Lynfaes	75.58	41	eP	P	13 10 06.2	0.0
WLF1	comp=Z,125nm,1.6s			AMS	AMS	13 42 01.2	
AKASG	Malin Array Be	75.60	342	eP	P	13 10 05.5	-0.9
AKASG	comp=Z,96nm,0.6s,baz=18,slow=5.7,SNR=169			PKPKPK	P'P'df	13 37 24.2	-9.1
AKASG	comp=Z,1.2nm,0.7s,baz=234,slow=1.3,SNR=41			LR	LR	13 48 32.3	
KIEV	Kiev	75.61	342	eP	P	13 10 05.7	-0.8
KIEV	comp=Z,12um,18.1s,baz=10.0,slow=40			eS	eS	13 19 50.3	+5.5
KIEV	comp=Z,683nm,1.4s			MLR	MLR		
KIEV	comp=Z,13um,21.0s			eS	eS		
KIEV	comp=Z,683nm,1.4s			LR	LR		
KIEV	comp=Z,13um,21.0s			eS	eS		
WPM1	Penmaenawr	75.63	3	eP	P	13 10 06.3	-0.3
STNC	Stoke	75.85	21	eP	P	13 10 05.7	-2.1
STNC	comp=Z,7um,22.6s			AMS	AMS	13 42 02.6	
BEL	Belsk	75.87	348	eP	P	13 10 07.8	-0.2
BEL	comp=Z,231nm,1.5s			eS	eS	13 46 37.2	
BEL	Belsk	75.87	348	eP	P	13 10 07.8	-0.2
BEL	comp=Z,231nm,1.5s			eS	eS	13 19 48.5	+0.8
BEL	comp=Z,13um,20.9s			MLR	MLR		
SPSI	Sidrap Palu	75.97	245	eP	P	13 10 07.9	-1.1
KBL	Kabul	75.98	308	eP	P	13 10 08.6	-0.6
RUE	Ruedersdorf	75.99	352	eP	P	13 10 08.3	-0.3
RUE	comp=Z,367nm,1.2s						
RUE	Ruedersdorf	75.99	352	eP	P	13 10 08.3	-0.3
FOEL	Foel Wylla	76.02	31	eP	P	13 10 08.7	-0.1
FOEL	comp=Z,198nm,1.5s			AMB	AMB	13 10 11.2	
CWF	Charnwood Fore	76.22	21	eP	P	13 10 09.2	-0.8
CWF	comp=Z,167nm,1.6s			AMB	AMB	13 10 12.1	
CWF	comp=Z,7um,20.3s			AMS	AMS	13 50 25.1	
NDI	New Delhi	76.34	299	eP	P	13 10 09.9	-1.1
NDI	comp=Z,375nm,0.8s			AMB	AMB	13 10 12.7	
MTSU	Mount Surprise	76.49	216	eP	P	13 10 11.6	-0.2
AYAN	Aya Nagar	76.54	299	eP	P	13 10 11.1	-1.1
AYAN	comp=Z,208nm,1.3s			AMB	AMB	13 10 13.9	
IBBN	Ibbenburen	76.55	356	eP	P	13 10 12.0	+0.2
VAL	Valentia	76.57	7	eP	P	13 10 14.7	+2.8
VAL	comp=Z,72nm,1.0s,baz=32,slow=3.6,SNR=25			S	S	13 10 12.2	-0.6
KAPI	Kappang	76.83	224	eP	P	13 10 15.4	+1.5
KAPI	comp=Z,509nm,0.9s,SNR=10			P	P	13 10 13.3	-0.6
KAPI	comp=Z,72nm,1.0s,baz=32,slow=3.6,SNR=25			P	P	13 10 13.3	-0.6
KAPI	Kappang	76.83	224	eP	P	13 10 13.3	-0.6
KAPI	comp=Z,235nm,1.3s			LR	LR		
CLZ	Clausthal	76.88	354	eP	P	13 10 13.8	0.0
BKSI	Bulukumba	76.88	244	eP	P	13 10 13.9	-0.2
MCH1	Michaelchurch	76.92	31	eP	P	13 10 12.7	-1.3
MCH1	comp=Z,164nm,1.6s			AMB	AMB	13 10 15.8	
MCH1	comp=Z,10um,22.4s			AMS	AMS	13 42 44.6	
WTSB	Winterswijk	76.93	357	eP	P	13 10 14.0	0.0
MONM	Monmouth	77.09	31	eP	P	13 10 14.7	-0.1
MONM	comp=Z,241nm,1.6s			AMB	AMB	13 10 16.9	
MONM	comp=Z,10um,22.2s			AMS	AMS	13 42 49.7	
STRD	Stroud	77.17	21	eP	P	13 10 14.5	-0.8
STRD	comp=Z,404nm,1.5s			AMB	AMB	13 10 17.6	
STRD	comp=Z,8um,22.7s			AMS	AMS	13 42 53.1	
KSM	Kuching	77.19	256	eP	P	13 10 16.3	+0.3
KSM	comp=Z,77.8nm,86						
KSM	Kuching	77.19	256	eP	P	13 10 15.3	-0.6
KSM	comp=Z,371nm,1.2s			LR	LR		
CLL	Colim	77.22	353	eP	P	13 10 14.8	-0.8
CLL	comp=Z,174nm,1.2s						
CLL	comp=Z,25nm,1.2s			MLR	MLR		
CLL	comp=Z,12um,21.8s			MLR	MLR		
CLL	comp=Z,175nm,1.2s			eP	eP	13 10 19.0	
CLL	comp=Z,3um,23.2s			eS	eS	13 10 27.0	+0.8
CLL	comp=Z,339nm,1.2s,comp=Z,6um			eS	eS	13 20 04.0	+1.5
CLL	comp=Z,25nm,1.2s			eS	eS	13 20 42.7	+5.7
CLL	comp=Z,12um,21.8s			eS	eS	13 24 56.0	-3.1
CLL	comp=Z,12um,21.8s			eS	eS	13 27 19.0	-1.1
CLL	comp=Z,12um,21.8s			LmV	LmV	13 48 00.0	
OLDB	Oldbury-Upon-S	77.27	3	eP	P	13 10 17.9	+1.1
OLDB	comp=Z,180nm,1.5s			AMB	AMB	13 42 56.2	
OLDB	comp=Z,10um,21.7s			AMS	AMS	13 42 56.2	
BSSI	Bau Bau, Buton	77.34	243	eP	P	13 10 15.6	-1.2

LVV	L'vov	77.36	345	eP	P	13 10 15.7	-0.8
LVV	comp=Z,186nm,1.4s,comp=Z,4um			eS	eS	13 13 08.9	
LVV	comp=N,8um,18.0s			MLR	MLR	13 19 58.7	-5.4
LVV	comp=E,9um,18.0s			MLR	MLR		
LVP	Ksiaz	77.38	350	eP	P	13 10 16.0	-0.5
KSP	KSP	77.38	350	eS	eS	13 20 04.6	+0.4
KSP	Ksiaz	77.38	350	eS	eS	13 20 04.6	+0.4
KSP	comp=Z,11um,18.0s			MLR	MLR	13 20 04.7	+0.5
NEUB	Neuenburg	77.41	353	eP	P	13 10 16.4	-0.3
MTN	Manton Dam	77.43	230	eP	P	13 10 16.1	-1.1
BUG	Bochum-Univers	77.43	356	eP	P	13 10 16.5	-0.3
SWN1	Swindon	77.44	21	eP	P	13 10 16.6	-0.2
SWN1	comp=Z,423nm,1.4s			AMB	AMB	13 10 19.6	
SWN1	comp=Z,7um,23.2s			AMS	AMS	13 42 50.5	
GOF	Golitskoje	77.45	331	eP	P	13 10 16.9	-0.1
GOF	Kotabaru	77.50	248	eP	P	13 20 11.7	+6.5
KBKI	Berggiesshubel	77.57	352	eP	P	13 10 15.7	-1.9
BRG	Berggiesshubel	77.57	352	eP	P	13 10 16.8	-0.8
BRG	comp=Z,211nm,1.2s			iP	iP	13 10 33.0	+4.9
BRG	comp=Z,62nm,1.0s			S	S	13 20 06.0	-0.3
BRG	comp=Z,8.4nm,1.3s			SS	SS	13 25 05.0	+0.5
BRG	comp=Z,12um,20.1s			eP	eP	13 37 17.4	-12
BRG	comp=Z,9um,22.6s			eS	eS		
BRG	comp=Z,338nm,1.1s			eP	eP		
BRG	comp=Z,211nm,1.2s			eP	eP		
BRG	comp=Z,8.4nm,1.3s			eP	eP		
BRG	comp=Z,12um,20.1s			eP	eP		
BRG	comp=Z,9um,18.2s			eP	eP		
BRG	comp=Z,11um,22.6s			eP	eP		
BRG	comp=N,8um,20.1s			MLR	MLR		
BRG	comp=E,12um,18.2s			MLR	MLR		
FBE	Freiberg	77.58	352	eP	P	13 10 17.4	-0.2
OJC	Ojcow	77.58	348	eP	P	13 10 17.3	-0.4
OJC	comp=Z,231nm,1.5s			eS	eS	13 13 14.3	
OJC	comp=Z,232nm,1.3s,comp=Z,15um			eS	eS	13 20 04.0	-2.5
OJC	comp=Z,28nm,0.9s,baz=26,slow=8,SNR=46			LMZ	LR	13 48 27.8	
OJC	comp=Z,170nm,1.1s			eS	eS	13 10 17.3	-0.4
OJC	comp=Z,12um,21.9s			eS	eS	13 13 14.4	
KHET	Khetri	77.58	299	eP	P	13 10 17.3	-0.8
STKI	Sintang	77.59	254	eP	P	13 10 18.4	+0.2
CTA	Charters Tower	77.59	214	eP	P	13 10 17.2	-0.7
CTA	comp=Z,28nm,0.9s,baz=26,slow=8,SNR=46			P	P	13 10 16.6	-1.4
CTA	Charters Tower	77.59	214	eP	P	13 10 17.2	-0.7
CTA	comp=Z,170nm,1.1s			pmax	pmax		
CTA	comp=Z,12um,21.0s			MLR	MLR		
CTA	Charters Tower	77.59	214	eP	P	13 10 16.6	-1.4
CTA	comp=Z,170nm,1.1s			LR	LR		
WOL	Wolverton	77.65	21	eP	P	13 10 18.6	+0.6
WOL	comp=Z,228nm,1.1s			AMB	AMB	13 10 20.2	
UPC	Ustice	77.74	351	eP	P	13 10 18.2	-0.4
UPC	comp=Z,16um,22.6s			eP	eP	13 10 23.1	-5.4
UPC	comp=Z,12um,21.0s			eP	eP	13 10 29.3	-3.6
UPC	comp=Z,12um,21.0s			eP	eP	13 13 10.0	
UPC	comp=Z,12um,21.0s			eP	eP	13 15 03.5	
UPC	comp=Z,12um,21.0s			eP	eP	13 20 06.4	-1.7
UPC	comp=Z,12um,21.0s			eP	eP	13 20 43.5	
UPC	comp=Z,12um,21.0s			eP	eP	13 25 10.1	+3.1
UPC	comp=Z,12um,21.0s			eP	eP	13 37 14.5	
UPC	comp=Z,12um,21.0s			eP	eP	13 46 50.0	
UPC	comp=Z,16um,22.6s			eP	eP	13 10 18.2	-0.4
UPC	comp=Z,16um,22.6s			eP	eP	13 10 29.3	
UPC	comp=Z,16um,22.6s			eP	eP	13 13 10.0	
UPC	comp=Z,16um,22.6s			eP	eP	13 15 03.5	
UPC	comp=Z,16um,22.6s			eP	eP	13 20 06.4	-1.7
UPC	comp=Z,16um,22.6s			eP	eP	13 20 43.5	
UPC	comp=Z,16um,22.6s			eP	eP	13 25 10.1	+3.1
UPC	comp=Z,16um,22.6s			eP	eP	13 37 14.5	
UPC	comp=Z,16um,22.6s			eP	eP	13 46 50.0	
UPC	comp=Z,16um,22.6s			eP	eP	13 10 18.2	-0.4
UPC	comp=Z,16um,22.6s			eP	eP	13 10 29.3	
UPC	comp=Z,16um,22.6s			eP	eP	13 13 10.0	
UPC	comp=Z,16um,22.6s			eP	eP	13 15 03.5	
UPC	comp=Z,16um,22.6s			eP	eP	13 20 06.4	-1.7
UPC	comp=Z,16um,22.6s			eP	eP	13 20 43.5	
UPC	comp=Z,16um,22.6s			eP	eP	13 25 10.1	+3.1
UPC	comp=Z,16um,22.6s			eP	eP	13 37 14.5	
UPC	comp=Z,16um,22.6s			eP	eP	13 46 50.0	
KWP	Kalwaria Pacla	77.75	346	eP	P	13 10 18.7	+0.1
KWP	comp=Z,16um,22.6s			eS	eS	13 20 24.2	-5.3
KWP	comp=Z,16um,22.6s						

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warrumunga Arr, KBL Kabul, ABKAR Abukalak array, etc.

ISK 04 14:14:02.4, 37.00N, 29.01E, h6km, MD2.8
DDA 04 14:14:05.7, 37.09N, 28.82E, h7km, MD2.6
CSEM 04 14:14:05.3, 37.10N, 28.79E, h2km, MD2.6, Error ellipse: s-maj=6.5km s-min=6.4km az=144.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TURUN Turunc, DALYAN Dalyan (Mu'la), etc.

ISCJB 04 14:20:05.6, 0.5, 39.96N, 0.04, 37.42E, h9km, Error ellipse: s-maj=5.9km s-min=4.1km az=168.9
ISK 04 14:20:05.2, 39.99N, 37.41E, h7km, MD2.8
CSEM 04 14:20:05.0, 2, 39.98N, 37.42E, h2km, MD2.6, Error ellipse: s-maj=7.4km s-min=4.6km az=174.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SCER sogukcermik, SVSK Sokakayir, etc.

Table with columns: Code, Station Name, Time, Res. Includes BAYT Ayd-ntepe-Bay, CTCK Corum, etc.

BUI 04 14:27:29.3, 10.78S, 118.37E, h60km, mb5.1/38, mb5.4/10, Ms5.0/3, Ms7.4/8/3
IDC 04 14:27:32.1, 0.4, 9.61S, 118.09E, h0km, mb4.9/26, mb1.5/0.29, mb1mx4.9/31, mbmp4.9/29, ML4.5/3, MS3.0/2, Ms1.3/0.2, ms1mx2.8/4.5, Error ellipse: s-maj=15.6km s-min=10.6km az=64.0
AUST 04 14:27:34.6, 9.98S, 117.94E, h5km, ISCJB 04 14:27:35.0, 0.2, 9.75S, 118.00E, 0.03, h38km, mb4.9/27, MS3.4/2, Error ellipse: s-maj=4.6km s-min=3.4km az=143.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WSI Waingapu, DNP Denpasar, etc.

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

ISCJB 04 14:20:05.0, 9.39, 39.96N, 0.03, 37.43E, h9km, n24, n5, n37/34, Turkey
MYKOT Kota Tinggi, KGM Kluang, WRA Warrumunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MYKOT Kota Tinggi, KGM Kluang, etc.

Large table with columns: Code, Station Name, Time, Res. Includes stations like OTRP Odiongan, PSI Prapat, KULM Kulim, etc.

Table with columns: Call Sign, Station Name, SNR, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like KSMUS Musan, KSCHC Chuncheon, KSDGY Daegwallycong, etc.

Table with columns: Call Sign, Station Name, SNR, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like BVA0 Borovoye Array, BRVK Borovoye, ILAS Lasjerd, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like CUGUR Gurin, S'VAS, PINB Pinarbasi, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like SMAPI Sarmi, SMAPI Geniem, GENE Geniem, etc.

DJA 04 14:38:11.8:0.4,3'S:3°13'9"E, h10km, M3.6/3, MLV3.6/3, Near north coast of Irian Jaya

IDC 04 14:40:36.8:0.6, 16:85Sx173:95W, h0km, mb4.4/15, mb1 4.6/15, mb1mx4.4/22, mbtmp4.4/15, Error ellipse: s-maj=23.2km s-min=15.3km az=134.0

NEIC 04 14:40:44.7:1.2, 16:83Sx174:01W, h56km, 10km, mb4.5/19, Error ellipse: s-maj=13.5km s-min=6.1km az=140.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like AFJ Afiamalu, NIUE Niue, MSVF Nonsav, etc.

DDA 04 14:35:19.5:38:23N:36:95E, h7km, MD2.7, ISCJB 04 14:35:21.0:0.8, 38:27N:0.04:36:95E, h7km, 9km, Error ellipse: s-maj=9.6km s-min=5.0km az=33.2

Table with columns: JHD, Hachiojima 2, 2.99 206 Pn, Pn, 15 22 20.9 +0.5, etc.

SJA 04 15:33:51.3, 0.4, 38.155:76.03W, h33km, ML4.8, IDC 04 15:34:19.7, 0.6, 36.79S:73.74W, h0km, mb4.6/15, mb1 4.7/19, mb1mx4.6/26, mbtmp4.6/19, ML4.0/3, MS4.2/5, MS1 4.2/5, ms1mx3.9/20, Error ellipse: s-maj=22.7km s-min=13.6km az=90.0, GUC 04 15:34:20.1, 0.5, 36.79S:74.07W, h27km, 4km, ML5.2, BUJ 04 15:34:22.9, 37.14S:73.46W, h33km, mb5.2/4, Ms4.8/1, Ms7.4/6/1, ISCJB 04 15:34:23.7, 0.2, 36.74S:0.04:73.68W, 0.04, h33km, mb4.8/52, MS4.5/3, Error ellipse: s-maj=5.5km s-min=4.2km az=166.9, NEIC 04 15:34:24.7, 1.3, 36.73S:73.65W, h13km, 9km, mb4.8/34, ML5.2(GUC), Error ellipse: s-maj=9.7km s-min=5.5km az=84.0, NEIC Felt [IV] at Tome; [III] at Concepcion, Coronel, Lota and Talcahuano; [II] at Arauco.

ISC 04 15:34:25.2, 0.4, 36.77S:0.06:73.75W, 0.07, h35km, n324, c085/322, mb4.7/53, MS4.5/3, 4C-3D, Near coast of central Chile

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

Main table with columns: 633A, Saathoff Ranch, 70.07 337 P, P, 15 45 34.6 +1.1, etc.

Main table with columns: U34A, Anderson Ranch, 76.11 340 P, P, 15 46 09.7 +0.6, etc.

MKAR Makanchi Array 67.77 327 P P 16.53 13.0 -6.6

0.2nm,0.6s,baz=357,slow=12,SNR=3.8

JMA 04 17:06:06.4, 35.96N:135.43E, h372km, M3.1

ISC 04 17:06:07.7, 1.3, 35.84N:135.53E, h364km, 20km, mb2.4/3,

ISC 04 17:06:07.2, 1.0, 35.93N:135.45E, h350km, n14,

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

IDC 04 16:43:09.6, 1.2, 52.49N:169.61W, h0km, mb3.9/6,

ISC 04 16:43:10.4, 0.6, 52.51N:169.44W, 0.1, h10km,

ISC 04 16:43:11.4, 0.9, 52.6N:169.39W, 0.08, h10km, n32,

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

SJA 04 17:14:24.3, 0.7, 31.60S:70.69W, h35km, 53km, ML4.0

ISC 04 17:14:25.6, 0.5, 31.68S:70.47W, h34km, 3km, ML3.7

ISC 04 17:14:27.3, 1.1, 31.69S:70.04W, 0.05, h73km, 36km,

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

ISCJB 04 16:52:29.2, 1.1, 28.38S:0.05W, 0.07, 51W, 0.09,

SJA 04 16:52:29.7, 0.7, 28.44S:70.14W, h177km, 15km, ML2.8

ISC 04 16:52:30.3, 1.9, 28.38S:0.05W, 0.07, 46W, 0.08,

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

ISCJB 04 17:25:54.1, 0.7, 3.57S:0.07E, 151.4E, 0.1, h450km,

IDC 04 17:25:55.6, 2.4, 3.61S:151.32E, h449km, 30km, mb3.2/10,

ISC 04 17:25:55.0, 0.8, 3.58S:151.4E, 0.1, h450km, n25,

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

NIED 04 16:58:00.25, 40.0, 124.80E, h5km, Mw3.9 Best double

JMA 04 16:58:57.9, 0.2, 25.41N:124.82E, h8km, 4km, M4.3

ISC 04 16:58:58.9, 1.9, 25.35N:124.81E, 0.04, h3km, 16km,

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

ISCJB 04 17:25:54.1, 0.7, 3.57S:0.07E, 151.4E, 0.1, h450km,

IDC 04 17:25:55.6, 2.4, 3.61S:151.32E, h449km, 30km, mb3.2/10,

ISC 04 17:25:55.0, 0.8, 3.58S:151.4E, 0.1, h450km, n25,

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

ISC 04 16:58:59.9, 1.9, 25.35N:124.81E, 0.04, h3km, 16km,

JMA 04 16:59:01.3, 1.1, 25.64N:124.83E, h0km, mb3.5/5,

ISC 04 16:59:01.3, 1.1, 25.64N:124.83E, h0km, mb3.5/5,

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

IDC 04 17:28:50.4, 0.8, 19.99N:121.17E, h0km, mb3.8/10,

MAN 04 17:28:54.9, 1.9, 24N:121.09E, h15km, mb4.8, ML3.7, MS3.7

ISC 04 17:28:55.0, 0.4, 19.28N:121.13E, 0.06, h39km,

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

ISC 04 16:58:59.9, 1.9, 25.35N:124.81E, 0.04, h3km, 16km,

JMA 04 16:59:01.3, 1.1, 25.64N:124.83E, h0km, mb3.5/5,

ISC 04 16:59:01.3, 1.1, 25.64N:124.83E, h0km, mb3.5/5,

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

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

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

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

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

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

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

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

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

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

ISC 04 18:17:58.7-1.9,50.70N,0.09-158.55E,0.06,h35km,n35, c095/53,2C,East of Kuril Islands

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

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

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

AUST 04 19:03:13.8,8.00S:123.00E,h200km
ISCJB 04 19:03:14.0,1.0,8.05S:1.122,99E:0.08,h221km, mb3.7/1, Error ellipse: s-maj=14.8km s-min=10.5km az=19.1

IDC 04 19:03:20.4,5.0,7.65S:123.72E,h263km,86km,mb3.4/1, mb1 3.3/3, mb1mx2.7/30,mbtm3.9/3, Error Ellipse: s-maj=125.0km s-min=55.3km az=59.0

ISC 04 19:03:15.5-1.3,8.15S:0.1:123.0E:0.11,h221km,n13, c159/15, Flores region

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

ISCJB 04 19:09:57.7,0.1,47.582N:0.008:13.46E:0.02,h7km, Error ellipse: s-maj=1.5km s-min=1.1km az=4.3

CSEM 04 19:09:58.8,0.1,47.582N:13.51E,h2km,ML3.5/28, Error ellipse: s-maj=1.8km s-min=1.3km az=102.0

VIE 04 19:09:59.0,0.3,47.53N:13.48E,h8km,6km,mb2.3/17, mb3.2/20, Error ellipse: s-maj=2.0km s-min=1.6km az=16.0, felt 4-5 ems98 at Gosau / Upper Austria

LDG 04 19:09:59.4,0.1,47.54N:13.59E,h2km,ML3.0/22, Error ellipse: s-maj=3.4km s-min=2.0km az=17.0

BGR 04 19:10:00.7,0.2,47.55N:13.48E,h5km,ML3.1/19, Error ellipse: s-maj=2.2km s-min=2.2km az=63.0

PRU 04 19:10:00.3,47.56N:13.53E,h8km
BNS 04 19:10:07.4,0.6,47.74N:12.90E,h2km,ML2.8
STR 04 19:10:08.8,0.4,47.69N:12.58E,h10km,ML3.0, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

ISC 04 19:09:59.5,0.7,47.54N:0.01:13.45E:0.01,h7km,n211, c1940/40,38C-23D, Austria

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

ISCJB 04 18:23:59.9,0.6,37.06N:0.03:28.85E:0.03,h2km,6km, Error ellipse: s-maj=4.6km s-min=4.2km az=162.6

DDA 04 18:23:59.6,37.05N:28.86E,h7km,MD3.0
ISK 04 18:24:00.0,37.02N:28.84E,h10km,MD2.9
CSEM 04 18:24:00.1,0.1,37.06N:28.87E,h5km,MD2.9, Error ellipse: s-maj=3.1km s-min=2.6km az=7.0

ISC 04 18:23:59.6-1.1,37.08N:0.02:28.87E:0.02,h3km,11km, n33,c062/49, Turkey

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

NEIC 04 18:57:52.9,36.54N:115.22W,h7km,ML3.8(REN), After REN.

NEIC Felt [I] at Las Vegas and North Las Vegas. Also felt at Overton.

IDC 04 18:57:52.9,1.3,36.48N:115.22W,h0km,mb1 3.7/3, mb1mx3.3/40,mbmp3.2/3,ML3.7/3, Error ellipse: s-maj=19.5km s-min=9.4km az=24.0

ISC 04 18:57:52.5,0.7,36.53N:10.03:115.20W:0.03,h10km,n41, c1759/61, California-Nevada border region

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

ATH 04 18:57:06.8,37.15N:28.91E,h12km,2km,MD3.2/5
ISK 04 18:57:07.3,37.04N:28.86E,h5km,MD3.0
CSEM 04 18:57:08.7,0.2,37.03N:28.89E,h2km,MD3.0, Error ellipse: s-maj=4.8km s-min=4.1km az=172.0

DDA 04 18:57:08.4,37.02N:28.89E,h7km,MD3.0
ISC 04 18:57:09.7,1.1,37.04N:0.02:28.89E:0.02,h5km,10km, n63,c131/87, Turkey

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

2010 AUG

4d 19h

Main table containing station names, frequencies, and coordinates. Includes sub-sections for 'IDC 04', 'IS/CJB 04', 'NEIC 04', and 'WEL 04' with their respective station lists and parameters.

H0S3	Diego Garcia H	26.02 227	T	T	22 12 38.9
H0S2	Diego Garcia H	50.03 227	T	T	22 12 35.3
H0S1	Diego Garcia H	26.04 227	T	T	22 12 39.1
MKAR	Makanchi Array	37.14 350	P	P	21 46 54.1 -0.1
S0NM	Songino Array	39.41 16	P	P	21 47 13.4 -0.1
ZALV	Zalesovo Beam	43.80 354	P	P	21 47 49.3 +0.2
WRA	Warramunga Arr	51.84 126	P	P	21 48 52.0 0.0
ASAR	Alice Springs	53.52 130	P	P	21 49 04.5 0.0
BRTR	Keakin Array B	58.83 310	P	P	21 49 42.3 0.0

IDC 04 21:51:17.5-0.4, 51:33N-178:53W, h0km, mb5, 1/35, mb1 5.2/36, mb1mx5.2/38, mbtmp5, 1/36, ML4.9/2, Error ellipse: s-maj=14.0km s-min=8.7km az=156.0
MOS 04 21:51:22.2-0.9, 51:49N-178:60W, h33km, mb5, 6/98, Error ellipse: s-maj=6.1km s-min=4.7km az=96.0
BUJ 04 21:51:22.8, 51:57N-178:58W, h49km, mb5, 6/71, mb5, 5/41, Ms5, 7/41, Ms7, 5/36
SZGRF 04 21:51:24.1, 51:57N-179:65E, h33km, mb5, 5, Rat Islands, Aleutian Islands, United States
ISCJB 04 21:51:24.0, 0.3, 51:36N, 0.03, 178:49W, 0.01, h57km, 2km, mb5, 4/367, MS4, 7/8, Error ellipse: s-maj=4.5km s-min=1.5km az=0.8
GCMT 04 21:51:26.1-0.3, 51:22N-178:56W, h31km, 1km, MW5, 4/47, Moment Tensor Solution. s47, e83; s28, c44; Duration: 1s2 Moment tensor: Scale 1017Nm; Mr:1.04; M0: M0-0.95; 04; M0-0.09; 04; M0.79; 07; M0-0.52; 04; M0.81; 07; Best double couple: M0.159700, 0.1017 NP1, 0.50, 0.00000, 0.68, 0.00000, 1.19, 0.00000. Principal axes: T: 1.5600, P: 6.0500, Azm: 299.0000; N: 0.0710, Plg: 12.0000; Azm: 55.0000; P: -1.6340, Plg: 2.0000. Azm: 150.0000; nst2 refers to surface waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.
NEIC 04 21:51:26.1-0.3, 51:42N-178:61W, h54km, 2km, mb5, 4/255, ML5.3(AEIC) Error ellipse: s-maj=4.9km s-min=1.8km az=175.0
NEIC Felt on Adak.
ISC 04 21:51:24.9-0.3, 51:37N-180:05E, h45km, 2km, h45km; p-P, n1457, e111/1638, mb5, 4/384, MS4, 7/8, 80C-33D, Andreanof Islands

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
GALAA	Gareloi Lava P	0.42 341	P	Pn	21 51 35.7 +0.8
GAEA	Gareloi East	0.43 344	P	Pn	21 51 35.9 +0.8
TAFL	Tanaga Flats	0.57 46	P	Pn	21 51 36.4 -0.4
TAFP	Tanaga Falls P	0.64 34	P	Pn	21 51 37.9 +0.2
TAPA	Tanaga Point A	0.65 46	P	Pn	21 51 37.6 -0.2
KIKV	Kanaga Island	1.00 59	P	Pn	21 51 41.9 -0.7
KICM	Kanaga Island	1.01 56	P	Pn	21 51 42.5 -0.2
KIRH	Kanaga Island	1.06 59	P	Pn	21 51 42.8 -0.5
CERA	Semis Rag'd T	1.22 297	P	Pn	21 51 46.1 +0.6
CESW	Semis Southwest	1.29 295	P	Pn	21 51 46.7 +0.3
CEAP	Semis Anvil P	1.32 299	P	Pn	21 51 47.7 +0.8
AMKA	Amchitka	1.34 271	ePn	Pn	21 51 45.2 -1.9
ADAG	Mount Adagadak	1.36 63	Pn	Pn	21 52 03.0 -0.7
ETKA	Kagalaska Isla	1.43 69	P	Pn	21 51 47.2 +0.1
GSKC	Great Sitkin C	1.62 66	ePn	Pn	21 51 50.2 -1.2
GSTD	Great Sitkin T	1.65 64	ePn	Pn	21 51 50.6 -0.4
GSMY	Great Sitkin M	1.70 66	ePn	Pn	21 51 51.6 -0.4
GSTR	Great Sitkin T	1.72 64	ePn	Pn	21 51 52.5 +0.2
LSPA	Little Sitkin	1.88 289	P	Pn	21 51 55.1 +0.5
LSSA	Little Sitkin	1.91 289	P	Pn	21 51 55.4 +0.3
LSNW	Little Sitkin	1.92 289	P	Pn	21 51 55.3 +0.2
ATKA	Atka Island	2.84 71	ePn	Pn	21 52 06.2 -1.4
SMY	Shemya	4.73 290	ePn	Pn	21 52 35.3 +1.7
SMY	Shemya	4.73 290	ePn	Pn	21 52 35.2 +1.7
SMY	Shemya	4.73 290	ePn	Pn	21 52 35.3 +1.7
NIKH	Nikolski High	6.18 71	ePn	Pn	21 52 54.1 +0.5
OKSO	Okmok South	6.67 69	Pn	Pn	21 53 01.8 +1.5
OKCE	Okmok Cone E	6.69 68	ePn	Pn	21 53 02.5 +0.2
OKFG	Magazine Ridge	6.83 68	ePn	Pn	21 53 04.5 +2.0
SPIA	Saint Paul Isl	7.58 37	ePn	Pn	21 53 16.4 +3.8
MTBL	Makushin Table	7.85 63	ePn	Pn	21 53 16.2 +2.1
UNV	Unalaska Valle	7.75 67	ePn	Pn	21 53 17.1 +2.1
AKRB	Akutan Reef Bi	8.07 65	Pn	Pn	21 53 21.6 +2.2
AKGG	Akutan Green G	8.13 65	ePn	Pn	21 53 21.9 +1.7
AKUT	Akutan	8.24 65	ePn	Pn	21 53 23.9 +2.3
SSBA	Shishaldin	9.33 63	P	Pn	21 53 38.0 +1.3
FALS	False Pass	9.75 63	ePn	Pn	21 53 47.5 +5.1
SDPT	Sand Point	11.51 63	ePn	Pn	21 54 06.5 +0.2
CHGN	Chignik	12.86 60	ePn	Pn	21 54 24.9 +0.1
PETA	Petropavlovsk	14.06 286	iP	Pn	21 54 40.5 -0.7
PET	Petropavlovsk	14.06 286	iP	Pn	21 57 14.8 -0.9
PET	comp=Z,300nm,7.9s				
PET	comp=Z,800nm,5.3s				
PET	comp=Z,75nm,0.9s				
PET	comp=Z,4um,19.0s				
PET	comp=Z,2um,20.0s				
PET	Petropavlovsk	14.06 286	eP	P	21 54 48.9 +0.9
PEB2	Petropavlovsk	14.62 286	ePn	P	21 54 52.0 -2.2
PEB3	Petropavlovsk	14.62 286	ePn	P	21 54 51.6 -2.5
PE2S	Petropavlovsk	14.62 286	ePn	P	21 54 51.9 -2.3
PEA2	Petropavlovsk	14.63 286	ePn	P	21 54 52.1 -2.1
PEA2	Petropavlovsk	14.63 286	ePn	Pn	21 57 31.9 +2.3
PEA0B	Petropavlovsk	14.64 286	ePn	Pn	21 54 51.3 +2.4
PEA1	Petropavlovsk	14.64 286	ePn	Pn	21 54 52.1 -2.2
PETK	Petropavlovsk	14.64 286	Pn	Pn	21 54 48.5 -0.4
PETK	comp=Z,1.0nm,0.3s,baz=96,slow=14,SNR=17				
PETK	comp=Z,0.4nm,0.3s,baz=69,slow=37,SNR=2.8				
PETK	comp=Z,1um,18.3s,baz=89,slow=42				
PEB4	Petropavlovsk	14.64 286	ePn	P	21 54 51.9 -2.4
PEB1	Petropavlovsk	14.64 286	ePn	P	21 54 52.0 -2.3
PEA3	Petropavlovsk	14.64 286	ePn	P	21 54 51.8 -2.6
PEB5	Petropavlovsk	14.65 286	ePn	P	21 54 52.2 -2.3
TNA	Tin City	15.24 17	ePn	Pn	21 54 58.8 +2.0
OHAK	Old Harbor	15.82 58	ePn	Pn	21 55 02.4 -1.8
SKR	Severo-Kuril'sk	15.93 277	eP	Pn	21 55 06.0 +0.4
SKR	Severo-Kuril'sk	15.93 277	eP	Pn	21 58 01.2 +0.2
SKR	comp=E,1um,14.0s				
SKR	comp=Z,1um,14.0s				
SKR	comp=N,110nm,1.0s				
SKR	comp=E,70nm,1.0s				
SKR	comp=Z,180nm,1.0s				
SKR	comp=N,110nm,0.8s				
SKR	comp=E,30nm,0.5s				
SKR	comp=N,1um,12.0s				
SKR	comp=E,2um,16.0s				
SKR	comp=N,900nm,18.0s				
SKR	comp=E,1um,18.0s				
SKR	comp=Z,1um,18.0s				
SVW2	Sparreyohn	15.97 44	ePn	Pn	21 55 07.7 +1.4
KDAK	Kodiak Island	16.30 57	Pn	Pn	21 55 07.0 -3.3
KDAK	Kodiak Island	16.30 57	Pn	Pn	21 55 07.5 -2.8

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
KDAK	comp=Z,11nm,0.3s,baz=229,slow=3.9,SNR=32				
KDAK	comp=Z,0.9nm,0.3s,baz=241,slow=19,SNR=2.4				
KDAK	Kodiak Island	16.30 57	Pn	Pn	21 55 07.5 -2.8
KDAK	Kodiak Island	16.30 57	Pn	Pn	21 55 07.6 -2.8
KDAK	comp=Z,11nm,0.3s				
KDAK	comp=N,1.0nm,0.3s				
KDAK	Kodiak Island	16.30 57	ePn	Pn	21 55 07.9 -2.4
KDAK	Kodiak Island	16.30 57	ePn	Pn	21 58 03.5 -6.4
RSO	Redoubt South	16.98 48	ePn	P	21 55 21.4 +0.9
CNPM	China Poot	17.41 51	ePn	P	21 55 24.8 -0.2
SPU	comp=N,51nm,0.8s				
BRK	Bradley Lake	17.65 51	ePn	P	21 55 29.0 +1.4
PPLA	Purkeypile	18.23 41	eP	Pn	21 55 36.2 +2.0
PPLA	comp=N,437nm,1.5s				
SUA	Susitna One	18.26 46	eP	ScS	22 07 19.2 +2.6
SUA	comp=N,200nm,1.6s				
BILL	Bilibino	18.29 342	iP	Pn	21 55 36.5 +1.6
BILL	Bilibino	18.29 342	iP	Pn	21 58 51.4 -6.5
BILL	comp=Z,329nm,1.3s				
BILL	comp=Z,4um,22.0s				
BILL	Bilibino	18.29 342	eP	Pn	21 55 33.6 -1.0
BILL	comp=Z,321nm,1.2s				
SEW	Seward	18.44 50	eP	Pn	21 55 37.2 +2.3
SEW	comp=Z,86nm,0.9s				
CAST	Castle Rocks	18.51 39	eP	Pn	21 55 38.5 +0.8
CAST	comp=Z,40nm,0.9s				
RCR1	Rabbit Creek A	18.59 47	eP	ScS	22 07 18.1 +0.9
RCR1	comp=Z,86nm,1.2s				
PMR	Palmer	19.03 46	eP	Pn	21 55 47.4 +3.6
PMR	comp=Z,58nm,1.2s				
PMR	Palmer	19.03 46	eP	Pn	21 55 47.4 +3.6
PMR	comp=Z,58nm,1.2s				
MA2	Magadan	19.08 307	iP	Pn	21 55 44.2 -0.2
TRF	Thorofare Moun	19.25 40	eP	Pn	21 55 49.0 +2.4
BPWA	Bear Paw Mtn.	19.27 38	eP	Pn	21 55 46.4 -0.3
BPWA	comp=Z,24nm,0.9s				
IM04	Indian Mountai	19.29 31	eP	ScP	22 03 38.2 0.0
IM04	comp=Z,86nm,0.9s				
SEY	Seymchan	19.35 318	iP	Pn	21 55 46.4 +0.1
SEY	comp=Z,4nm,0.3s,baz=114,slow=11,SNR=20				
SML	Sawmill	19.46 46	eP	Pn	21 55 48.0 +0.5
SML	comp=Z,25nm,1.1s				
SML	Sawmill	19.46 46	eP	Pn	21 55 48.0 +0.5
SML	comp=Z,25nm,1.1s				
RND	Reindeer	19.81 41	eP	Pn	21 59 33.6 +7.4
RND	comp=Z,62nm,1.0s				
RND	Reindeer	19.81 41	eP	Pn	21 55 51.0 -0.4
RND	comp=Z,62nm,1.0s				
RND	Reindeer	19.81 41	eP	Pn	21 55 51.0 -0.4
RND	comp=Z,62nm,1.0s				
MLY	Manley	19.82 36	eP	ScP	22 03 42.1 +2.6
MLY	comp=Z,270nm,1.4s				
BWN	Browne	19.89 39	eP	Pn	22 03 40.0 +0.6
BWN	comp=Z,350nm,1.1s				
MCK	McKinley	19.91 40	eP	Pn	21 55 53.8 -0.3
MCK	comp=Z,64nm,0.9s				
MCK	McKinley	19.91 40	eP	Pn	21 55 51.6 -0.8
MCK	comp=Z,64nm,0.9s				
MCK	McKinley	19.91 40	eP	Pn	21 55 51.6 -0.8
MCK	comp=Z,64nm,0.9s				
MCK	McKinley	19.91 40	eP	Pn	22 03 40.5 +0.8
MCK	comp=Z,64nm,0.9s				
MCK	McKinley	19.91 40	eP	Pn	22 03 22.5 +0.7
MCK	comp=Z,64nm,0.9s				
SCM	Sheep Creek Mo	19.92 46	eP	Pn	21 55 57.6 -1.0
SCM	comp=Z,86nm,0.8s				
SCM	comp=Z,86nm,0.8s				
DHY	Denali Highway	20.31 43	eP	Pn	21 55 56.2 -0.6
DHY	comp=Z,130nm,1.0s				
DIV	Divide	20.45 49	eP	Pn	21 56 00.0 -0.8
DIV	comp=Z,67nm,0.8s				
DIV	Divide	20.45 49	eP	Pn	21 56 00.0 -0.8
DIV	comp=Z,67nm,0.8s				
KLU	Klutina	20.47 48	eP	Pn	22 00 10.8 +2.2
KLU	comp=Z,91nm,1.0s				
WRH	Wood River Hill	20.56 39	eP	Pn	21 55 58.3 -1.1

4d 21h

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like VLA, MDJ, H11S1, YKA, etc.

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Table with columns: Station, Frequency, Power, and other technical details. Includes stations like NEW J05D, K04D, M02C, etc.

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Table with columns: Station, Frequency, Power, and other technical details. Includes stations like BMN, DLMT, EGMT, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like DGMT Dagmar, CTU Camp Tracy, H20A Greybull, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like HHC comp=Z,230nm,4.7s, HHC comp=Z,1µm,17.8s, H26A Manning, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like H28A Mission Ridge, E30A Jud, M25A Palm-Egill Farm, etc.

4d 21h

Q28A	Sharon Springs	53.06	71	P	P	22 00 37.6	+0.2
ECS0	EROS Data Cent	53.10	64	P	P	22 00 36.2	-1.4
ECS0	EROS Data Cent	53.10	64	eP	P	22 00 36.2	-1.4
LENM	Lemitar	53.15	79	eP	P	22 00 39.4	+1.1
T26A	Comanche Natio	53.23	74	P	P	22 00 38.6	-0.2
P29A	Atwood	53.24	70	P	P	22 00 38.8	+0.1
Y22D	IRIS PASCAL I	53.24	80	P	P	22 00 39.4	+0.5
EYMN	Ely	53.25	57	P	P	22 00 37.6	-1.0
EYMN	Ely	53.25	57	eP	P	22 00 37.9	-0.6
LPM	Los Pinos Moun	53.26	79	eP	P	22 00 39.2	+0.2
M31A	Lambrecht Ranch	53.27	68	P	P	22 00 38.0	-0.8
S27A	Las Animas	53.31	73	P	P	22 00 39.6	+0.3
I34A	Hadley	53.33	63	P	P	22 00 38.3	-0.9
BNM	Barren Site	53.37	79	eP	P	22 00 40.8	+0.9
O30A	MW Ranch, Wils	53.38	69	P	P	22 00 40.0	+0.2
L32A	Elgin	53.41	66	P	P	22 00 39.6	-0.3
SSLB	Sauanguang	53.46	263	eP	P	22 00 39.9	-0.6
R28A	Tribune	53.53	72	P	P	22 00 40.8	-0.1
YULB	Yu-ii	53.54	262	eP	P	22 00 40.2	-0.7
K33A	Hardington	53.60	65	P	P	22 00 40.6	-0.6
N31A	Bailey Ranch,	53.61	68	P	P	22 00 40.8	-0.6
Q29A	Oakley	53.67	71	P	P	22 00 41.8	-0.1
P30A	Selden	53.68	70	P	P	22 00 42.1	+0.2
BGNE	Belgrade	53.70	67	P	P	22 00 41.7	-0.3
BGNE	Belgrade	53.70	67	eP	P	22 00 42.8	+0.7
BGNE	Hoskins	53.72	66	eP	P	22 00 51.6	-3.2
L33A	Hoskins	53.72	66	P	P	22 00 41.0	-1.1
121A	Cookes Peak, D	53.75	82	P	P	22 00 42.3	-0.3
XAN	Xi'an	53.81	281	P	P	22 00 42.4	-0.5
XAN				P	P	22 00 44.5	+0.4
XAN				P	P	22 00 44.5	+0.5
XAN				PMZ			
XAN				PMZ			
T27A	Campo	53.83	74	P	P	22 00 42.6	-0.5
O31A	Woolen Ranch,	53.83	69	P	P	22 00 42.9	-0.1
R29A	Marienthal	53.88	72	P	P	22 00 43.6	+0.2
S28A	Ranter	53.97	73	P	P	22 00 44.4	+0.2
TPUB	Ta-pu	54.02	263	eP	P	22 00 43.7	-0.8
N32A	Stulken Farm,	54.03	68	P	P	22 00 44.0	-0.4
K34A	Le Mars	54.05	66	P	P	22 00 43.8	-0.8
Q30A	Quinter	54.07	71	P	P	22 00 44.7	0.0
ZAA1	Zalesovo Array	54.14	314	eP	P	22 00 44.7	-0.3
ZAA1				eP	P	22 01 49.7	+0.6
ZAA1				eScP	P	22 05 43.5	+0.3
ZALV	Zalesovo Beam	54.15	314	P	P	22 00 44.7	-0.3
ZALV				P	P	22 01 49.7	+0.6
ZALV				ScP	P	22 05 43.5	+0.2
M33A	Taylor Creek F	54.15	66	P	P	22 00 44.4	-0.9
T28A	Walsh	54.15	73	P	P	22 00 45.4	0.0
U27A	Thompson Grove	54.19	75	P	P	22 00 45.5	-0.2
P31A	Stockton	54.21	69	P	P	22 00 46.4	+0.6
SPMN	St. Paul	54.27	60	P	P	22 00 45.1	-0.9
SPMN	St. Paul	54.27	60	eP	P	22 00 45.6	-0.4
NVS	Novosibirsk	54.28	315	eP	P	22 00 43.6	-2.4
NVS				i		22 01 49.4	
NVS						22 10 31.3	
NVS				pmx	pmx		
NVS				pmx	pmx		
NVS				pmx	pmx		
NVS				pmx	pmx		
L34A	Svensden Farm,	54.36	65	P	P	22 00 45.8	-1.0
O32A	Brockman Farm,	54.37	68	P	P	22 00 46.2	-0.7
S29A	Ulysses	54.42	72	P	P	22 00 47.0	-0.3
CBKS	Cedar Bluff	54.46	70	eP	pmx	22 00 48.0	+0.4
CBKS				pmx	pmx		
CBKS	Cedar Bluff	54.46	70	P	P	22 00 47.3	-0.3
CBKS	Cedar Bluff	54.46	70	eP	P	22 00 48.0	+0.4
R30A	Dighton	54.48	71	P	P	22 00 47.7	0.0
K35A	Storm Lake	54.52	64	P	P	22 00 46.5	-1.4
Q31A	Ellis	54.53	70	P	P	22 00 48.1	0.0
N33A	J Bar K, Exete	54.54	67	P	P	22 00 47.5	-0.6
M34A	Aspy Farms, Fr	54.55	66	P	P	22 00 47.3	-0.9
U28A	Mallet	54.58	74	P	P	22 00 48.2	-0.3
P32A	Huiting Farm,	54.60	69	P	P	22 00 48.2	-0.3
V27A	Dan Oppiter Fa	54.62	75	P	P	22 00 48.3	-0.6
T29A	Hugoton	54.62	73	P	P	22 00 48.8	0.0
L35A	Bielow Farm, R	54.74	65	P	P	22 00 48.3	-1.2
S30A	Montezuma	54.80	72	P	P	22 00 49.9	-0.2
O33A	Hebron	54.90	68	P	P	22 00 50.0	-0.7
R31A	Burdett	54.93	71	P	P	22 00 50.7	-0.3
V28A	Channing	54.99	75	P	P	22 00 50.8	-0.8
N34A	Lincoln	55.02	67	P	P	22 00 50.6	-1.0
Q32A	Meitler Ranch,	55.04	69	P	P	22 00 51.4	-0.3
M35A	Neola	55.08	65	P	P	22 00 51.6	-0.3
U29A	Oasis Ranch, S	55.10	74	P	P	22 00 52.2	-0.1
T30A	Plains	55.15	72	P	P	22 00 52.2	-0.4
P33A	Williams Farm,	55.25	69	P	P	22 00 52.7	-0.6
R32A	Long Quarter,	55.32	70	P	P	22 00 53.4	-0.4
W28A	Vega	55.34	75	P	P	22 00 53.5	-0.6
V29A	Stimnett	55.34	74	P	P	22 00 53.5	-0.5
O34A	Beatrice	55.34	67	P	P	22 00 53.1	-0.8
S31A	Mullinville	55.39	71	P	P	22 00 53.3	-1.0

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U30A	WK&E Inc. Balk	55.42	73	P	P	22 00 54.0	-0.6
Q33A	Connelly Farm,	55.46	69	P	P	22 00 54.3	-0.4
N35A	Tabor	55.65	66	P	P	22 00 54.6	-0.5
LZH	Lanzhou	55.53	286	eP	P	22 00 56.6	+1.1
LZH				eP	P	22 01 10.5	+2.3
LZH				eP	P	22 03 00.7	+1.2
LZH				eS	S	22 08 36.4	-1.2
LZH				eS	S	22 08 55.1	-2.8
LZH				eS	S	22 12 19.4	-3.0
LZH				PMZ			
LZH				PMZ			
LZH				LN			
LZH				LE			
LZH				LZ			
S32A	Newby Ranch, P	55.67	71	P	P	22 00 55.4	-0.9
COWI	Conover	55.67	57	eP	P	22 00 55.7	-0.5
P34A	Walnut Farm, R	55.68	68	P	P	22 00 55.5	-0.9
GTA	Gaotai	55.71	292	eP	P	22 00 57.4	+0.7
GTA				eP	P	22 01 10.6	+1.2
GTA				eP	P	22 01 15.4	+0.7
GTA				eP	P	22 01 57.3	+1.7
GTA				eP	P	22 03 03.3	+2.3
GTA				eP	P	22 05 56.9	+1.0
GTA				eP	P	22 08 39.7	+0.1
GTA				eP	P	22 09 01.5	+0.4
GTA				eP	P	22 12 24.6	-0.5
GTA				PMZ			
GTA				PMZ			
GTA				LN			
GTA				LE			
GTA				LZ			
O35A	Humboldt	55.74	67	P	P	22 00 55.7	-1.0
W29A	Amarillo	55.77	75	P	P	22 00 57.2	+0.1
R33A	Olander Ranch,	55.82	70	P	P	22 00 56.7	-0.7
X28A	Dimmitt	55.84	76	P	P	22 00 57.3	-0.3
V30A	Spur Ranch, Mi	55.91	74	P	P	22 00 57.5	-0.6
U31A	Nine Bar Ranch	56.01	73	P	P	22 00 58.2	-0.6
T32A	Huddler Ranch,	56.02	71	P	P	22 00 58.1	-0.8
ENH	Enshi	56.03	277	eP	P	22 00 58.1	-0.9
Q34A	Chapman	56.03	69	P	P	22 00 58.2	-0.7
KSU1	Kansas State U	56.10	68	P	P	22 00 58.6	-0.8
KSU1	Kansas State U	56.10	68	eP	P	22 00 59.6	+0.2
P35A	Duane Minner,	56.16	67	P	P	22 00 59.0	-0.8
X29A	Tulia	56.19	76	P	P	22 00 59.5	-0.7
Y28A	McKinney Farm,	56.22	76	P	P	22 00 59.9	-0.4
R34A	Isabella, Hill	56.26	69	P	P	22 00 59.6	-0.9
S33A	Kaszmaul Farm,	56.29	70	P	P	22 01 00.3	-0.5
O36A	Bolkow	56.37	66	P	P	22 01 00.3	-1.0
W30A	Crocket Farms	56.37	74	P	P	22 01 01.3	-0.1
V31A	Spring Creek L	56.41	73	P	P	22 01 01.5	-0.2
T33A	Patterson Ranc	56.49	71	P	P	22 01 01.3	-0.8
U32A	Winter Ranch,	56.51	72	P	P	22 01 01.7	-0.6
Z28A	Tucker Farm, M	56.56	77	P	P	22 01 02.2	-0.6
P36A	Good Intent, A	56.57	67	P	P	22 01 01.8	-0.8
Q35A	Mercer Eighty,	56.60	68	P	P	22 01 01.6	-1.3
Y29A	Porterfield Fa	56.60	75	P	P	22 01 02.8	-0.3
X30A	Coker Ranch, T	56.69	75	P	P	22 01 03.2	-0.5
S34A	Willow Spring	56.74	70	P	P	22 01 03.3	-0.7
W31A	Holland Ranch,	56.75	74	P	P	22 01 03.5	-0.6
R35A	Emporia Munic	56.86	69	P	P	22 01 03.9	-0.9
Q36A	Arnold C. Orve	56.86	68	P	P	22 01 03.8	-1.0
V32A	Arapaho	56.93	73	P	P	22 01 03.4	-1.9
128A	Castleberry Fa	56.95	78	P	P	22 01 05.0	-0.6
Z29A	Hungry Hill Ra	56.99	77	P	P	22 01 05.8	0.0
U33A	Lingo Farm, Me	57.00	71	P	P	22 01 05.1	-0.7
Y30A	Stafford Cattl	57.06	76	P	P	22 01 06.0	-0.4
X31A	McDonald Ranch	57.10	74	P	P	22 01 06.6	+0.1
T34A	McClaskey Farm	57.15	70	P	P	22 01 06.2	-0.7
JFWS	Jewell Farm	57.17	61	eP	pmx	22 01 05.8	-1.0
JFWS				pmx	pmx		
JFWS				eP	P	22 01 05.8	-1.0
W32A	Sentinel	57.21	73	P	P	22 01 07.3	0.0
S35A	Otter Creek Ra	57.22	69	P	P	22 01 06.2	-1.1
228A	UT Block 9, Go	57.23	78	P	P	22 01 06.6	-0.9
R36A	Gordon, Harris	57.27	68	P	P	22 01 06.9	-0.7
V33A	Lossen Ranch,	57.31	72	P	P	22 01 07.5	-0.5
129A	Stewart Farms,	57.33	77	P	P	22 01 07.1	-1.1
Z30A	Sanderson Ranc	57.33	76	P	P	22 01 07.8	-0.4
U34A	Anderson Ranch	57.34	71	P	P	22 01 07.6	-0.6
U34A	Anderson Ranch	57.34	71	eP	P	22 01 08.3	+0.1
Y31A	Rekieta Farm,	57.39	75	P	P	22 01 07.9	-0.7
Q37A	Longview Farm,	57.50	67	P	P	22 01 07.9	-1.3
S36A	Lake Cedric, C	57.62	69	P	P	22 01 09.3	-0.7
T35A	Sooner Cattle	57.62	70	P	P	22 01 09.6	-0.5
W33A	Caddo, Fort Co	57.66	73	P	P	22 01 10.6	+0.1
R37A	Teagarden Farm	57.66	68	P	P	22 01 09.1	-1.3
X32A	Elmer	57.67	74	P	P	22 01 10.8	+0.1
WMOK	Wichita Mounta	57.75	73	eP	pmx	22 01 10.8	-0.3
WMOK				pmx	pmx		
WMOK				eP	P	22 01 10.8	-0.3
V34A	Guthrie	57.76	72	P	P	22 01 10.8	-0.3

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4d 21h

Table with columns for call sign, frequency, power, and other technical details. Includes stations like SUW Suwalki, ESK Eskdalemuir, RGN Rugen, etc.

2010 AUG

Table with columns for call sign, frequency, power, and other technical details. Includes stations like UCC Uccle, ABKT Aibek, GEYT Aibek, etc.

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Table with columns for call sign, frequency, power, and other technical details. Includes stations like SOC Soc, PSZ Piszkesteto, SVR Sveti Vasil, etc.

4d 22h

Table of astronomical observations for the 4d 22h period, listing stations like EGAK, HYT, KBL, etc., and their respective data points.

2010 AUG

Table of astronomical observations for August 2010, listing stations like WAKR, VES, ARVC, etc., and their respective data points.

216

Table of astronomical observations for the 216 period, listing stations like TPNV, BELC, SWSC, etc., and their respective data points.

4d 22h

Table with columns: DBIC, Dimbokro, 155.76 273, PKIKP, PKPdf, 22 21 33.1 -0.9, 22 21 42.5, comp=2.17nm,0.9s, pmax, pmax, DBIC, Dimbokro, 155.76 273, ePKPdf, PKPdf, 22 21 33.6 -0.4, 22 21 42.5 +8.4, TIC, Tomodi, 155.93 273, ePKIKP, PKPdf, 22 21 33.2 -1.1, 22 21 33.4 -0.9, comp=2.22nm,1.1s, ASCN, Ascension, 159.84 227, PFAKE, LR, 22 21 50.0 +1.1, ASCN, comp=2.23um,19.0s, RCBR, Riachuelo, 166.64 150, PKP, PKPdf, 22 21 45.4 -0.2, 22 21 45.4 -0.2, RCBR, Riachuelo, 166.64 150, ePKPdf, PKPdf, 22 21 45.4 -0.2, 22 21 56.9 -3.0, comp=2.30um,20.0s, SACV, Santiago Islam, 169.37 329, PFAKE, LR, 22 22 00.0 +1.3, SACV, comp=2.11um,21.0s

CSEM 04 22:02:59.8.0.2.37.79N.14.97E,h30km,MD2.1,Error ellipse: s-maj=6.8km s-min=5.1km az=142.0 ROM 04 22:02:59.7.0.2.37.80N.14.98E,h27km,4km,MD2.1/15, Error ellipse: s-maj=2.3km s-min=1.5km az=115.0, Sicily

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like MMME Mongiuffi-Meli, MNO Monte Soro, ENCVN Catenuova, GAGLF Gagliano Caste, etc.

TAP 04 22:08:52.3,24.42N.121.80E,h8km,ML2.8,3C-1D,B, Taiwan

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like ENA Nanau, EHP Heping Village, TWC Suao, ENTW Noudun, TWE Neicheng, NNS Nan Shan, NNS Chiawan, TWD Chiawan, EGS baz=207, NKS Sanguang, NSK baz=303, HWA Hwalin, WHF Hehuan Shan, TWT Tachien, TWB1 Santiao Chiao, NWF Wu-fei Shan, ESL Shilin, NSTT Nanjuang, TWS1 Kuangyinshan, TWY Chenhua, TWW Sun Moon Lake, TYC Yuch, YOJ Yonaguni jima, YOJ Yonaguni jima, CHNS Tsauling

2010 AUG

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, JNU Nakatsue, KSRK Kora Array, SONM Songino Array, MKAR Makanchi Array, ILAR Eielson Array, TORD Torodi Ar. Bea

AUST 04 22:14.31.52.20.0,5.60S;151.53E,h0km,Error ellipse: s-maj=2.7km s-min=1.6km az=25.0

IDC 04 22:14.36.8.0.9,5.90S;151.02E,h0km,mb4.1/9, mb1 4.3/10,mb1mx4.0/44,mbtmp4.1/10,ML2.1/1,Error ellipse: s-maj=28.6km s-min=19.7km az=101.0

ISCJB 04 22:14.41.0.0.4,5.95S;0.06:151.01E;0.08,h43km, mb4.3/10,Error ellipse: s-maj=11.6km s-min=7.6km az=20.6

NEIC 04 22:14.43.0.1.5,5.97S;150.98E,h45km,15km,mb4.7/3, Error ellipse: s-maj=10.7km s-min=8.0km az=78.0

ISC 04 22:14.42.6.0.5,5.97S;0.08:151.02E;0.09,h43km,n36, a=118/35,mb4.1/10,New Britain region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like PMG Port Moresby, COEN Coen, MTSU Mount Surprise, EIDS Eidsvold, KDU Kakadu, GUMO Guam, RMQ Roma, MTN Manton Dam, WRA Warramunga Arr, WSI Wainapu, JNU Nakatsue, KSRK Kora Array, KS15 Wonju Array, KSAW Kusan Array, XMAS Kiritimatia, OPA Opana, SONM Songino Array, MK32 Makanchi Array, MKAR Makanchi Array, ILAR Eielson Array, ILB Eielson Array, BPBK Brooks Peninsula, ALCT Alcott Element, NV01 Nina Array, NVAR Mina Array, TORD Torodi Ar. Bea

JMA 04 22:19:05.3.0.2,25.42N.124.83E,h12km,ML4.2, Northeast of Taiwan

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like JIKM Ikemajima, JIRB Iwabujima, JMJ Miyako jima, JMJ Tarama, JOGS Gusukube, JISG Ishigakijima, JIJ Ishigaki, JKRS Kuro-shima, IRIF Iriomote-Funau, HATJ Hateruma jima, YOJ Yonaguni jima, JYNG Yonagunijimaku, JANG Jang, JOW Kunigami

IDC 04 22:19:33.9.3.5,5.99S;150.37E,h0km,mb3.8/2, mb1 4.1/3,mb1mx3.6/41,mbtmp3.9/3,ML1.8/1,MS4.5/1, Ms1 4.5/1,ms1mx3.9/33,Error ellipse: s-maj=133.9km s-min=42.2km az=119.0,New Britain region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, JOW Kunigami, TORD Torodi Ar. Bea

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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, TORD Torodi Ar. Bea

KRSC 04 22:21:18.4.0.0,6.5516N.160.37E,h2km,5km,ML3.7, Kamchatka Peninsula

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like KZV Kizimen, KMNR Kamenistaya, BZMR Bezmyannaya, KIRK Kirishev, BZWR Bezmyanniy-We, ZLN Zelenaya, KZV Kozyrevsk, MKZ Mys Kozlova, KLY Klyuchi, SDRR Sredinnyy, ESO Esso, BDR Baidarnaya, SMKR Semkarok, SRKR Sorokina, KBTR Krutoberegovo, GNL Ganaly, KRX Arik, SPN Mys Shipunski, SPN Sedlovina, NLC Nalytchevo, NLC Koryakskii, SMAR Somma, AVH Avacha, KOK Koryaka, UGLR Uglovaya, APC Apacha, RUS Russkaya, RUS Matnovka, ASAK Asacha, BKI Bering

IDC 04 22:24:47.2.4.0,5.30S;149.74E,h0km,mb4.1/2, mb1 3.8/2,mb1mx3.4/30,mbtmp3.5/2,Error ellipse: s-maj=138.0km s-min=52.1km az=113.0,New Britain region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, TORD Torodi Ar. Bea

IDC 04 22:25:35.9.1.5,6.25S;151.25E,h0km,mb4.1/5, mb1 4.3/6,mb1mx3.9/29,mbtmp4.2/6,ML2.1/1,Error ellipse: s-maj=59.0km s-min=21.6km az=113.0

ISCJB 04 22:25.41.2.1,6.35S;0.2:151.0E;0.2,h43km,mb4.0/5, Error ellipse: s-maj=37.2km s-min=12.1km az=38.8

ISC 04 22:25.42.4.1,6.25S;0.3:151.0E;0.4,h43km,n7,0984/7, mb4.0/5,New Britain region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, KSRK Kora Array, ILAR Eielson Array, TORD Torodi Ar. Bea

ISCJB 04 22:27:03.5.0.4,5.721N.0.04:155.53W;0.05,h96km,3km, mb3.9/9,Error ellipse: s-maj=7.0km s-min=3.6km az=146.3

IDC 04 22:27:03.6.3.0,5.738N;155.83W,h67km,30km,mb3.6/9, mb1 3.8/12,mb1mx3.5/52,mbtmp4.0/12,ML4.0/3,MS4.5/1, Ms1 4.5/1,ms1mx4.1/42,Error ellipse: s-maj=30.9km s-min=24.9km az=162.0

NEIC 04 22:27.06.2.57.18N;155.60W,h69km,ML3.3(AEIC),After AEIC

ISC 04 22:27.04.3.0.8,57.21N;0.05:155.55W;0.04,h85km,7km, n83,a1938/102,mb3.9/9,Alaska Peninsula

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like PLK4 Peulik 4, PLK3 Peulik 3, PLK1 Peulik 1, PLB Peulik Blue Cr, KJL Kejulik, PLWL Peulik Whale M, PLWL Katmai Barrier, ACHA Angle Creek He, ANPK Aniakchak Crk, CNTC Contact Creek, KABU Katmai Buttes, KAKN Katmai Knife C, OHAK Old Harbor, OHAK Mount Kelaz, KAHG Katmai Hook G, ANNE Aniakchak Nort, ANPK Aniakchak, KAHK Katmai Hardscr, AZAC Aniakchak, KADP Katmai Pasha, KADK Kodiak Island, KDAK Kodiak Island, CHGN Chignik

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

IDC 04 22:35:02.9, 1.5, 6.44S, 151.59E, h0km, mb3.8/6, mb1.4/1.7, mb1mx3.7/37, mbtmp3.9/7, ML 1.9/1, Error ellipse: s-maj=54.8km s-min=20.4km az=12.0

ISCJ 04 22:35:08.4, 1.4, 6.45S, 151.3E, h0km, n8, c1936/9, mb3.9/6, New Britain region

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

ISCJ 04 22:37:37.1, 0.7, 44.24N, 0.09, 150.12E, 0.06, h34km, mb3.7/10, Error ellipse: s-maj=13.4km s-min=5.1km az=163.4

MOS 04 22:37:38.9, 1.1, 44.57N, 150.09E, h54km, mb4.1/4, Error ellipse: s-maj=22.8km s-min=17.8km az=18.5

JMA 04 22:37:39.3, 0.3, 44.76N, 149.93E, h30km, M4.3

SKHL 04 22:37:39.2, 0.7, 44.37N, 150.14E, h67km, 39km, mb4.1/2

IDC 04 22:37:40.0, 4.2, 44.58N, 150.20E, h48km, 39km, mb3.6/10, mb1.3/8.1, mb1mx3.5/45, mbtmp3.8/11, Error ellipse: s-maj=23.5km s-min=20.7km az=126.0

ISC 04 22:37:38.9, 0.8, 44.26N, 0.07, 150.09E, 0.08, h34km, n49, c230/56, mb3.8/10, 23, East of Kuril Islands

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

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

ISC 04 22:44:52.0, 37.03N, 28.86E, h8km, MD2.9

DDA 04 22:44:53.0, 37.04N, 28.87E, h7km, MD2.9

CSEM 04 22:44:53.0, 37.03N, 28.83E, h10km, MD2.9, Error ellipse: s-maj=7.5km s-min=6.1km az=179.0

ISC 04 22:44:53.3, 1.1, 37.03N, 0.03, 28.81E, 0.02, h4km, n10km, n26, c1908/41, Turkey

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

ISC 04 23:02:18.2, 4.2, 5.68S, 150.44E, h0km, mb3.4/2, mb1.3/7.2, mb1mx3.3/22, mbtmp3.5/2, Error ellipse: s-maj=182.7km s-min=49.4km az=118.0, New Britain region

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

CSEM 04 23:03:03.2, 38.72N, 26.71W, h0km, ML2.3

PDA 04 23:03:03.2, 1.1, 38.72N, 26.71W, h0km, MD3.5, ML2.3, Error ellipse: s-maj=9.2km s-min=2.1km az=29.0, Azores Islands

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

ISK 04 22:50:27.6, 39.40N, 39.03E, h8km, MD2.9

DDA 04 22:50:29.7, 39.39N, 39.10E, h5km, MD2.9

CSEM 04 22:50:29.2, 0.3, 39.37N, 39.04E, h10km, MD2.9, Error ellipse: s-maj=8.4km s-min=5.7km az=108.0

ISC 04 22:50:29.4, 1.0, 39.38N, 0.02, 39.08E, 0.02, h13km, gkm, n42, c1902/60, Turkey

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

ISCJ 04 22:58:12.2, 0.7, 10.96S, 0.10, 12.9W, 0.2, h10km, mb3.9/11, Error ellipse: s-maj=25.6km s-min=12.9km az=12.6

IDC 04 22:58:13.2, 1.0, 10.96S, 12.65W, h0km, mb4.0/10, mb1.4/1.0, mb1mx3.8/35, mbtmp4.0/10, Error ellipse: s-maj=34.8km s-min=25.2km az=109.0

ISC 04 22:58:13.8, 1.2, 11.00S, 0.11, 13.00W, 0.3, h10km, n23, c1506/17, mb4.1/11, Ascension Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H10S2, H10S1, H10S3, etc.

ISC 04 23:02:18.2, 4.2, 5.68S, 150.44E, h0km, mb3.4/2, mb1.3/7.2, mb1mx3.3/22, mbtmp3.5/2, Error ellipse: s-maj=182.7km s-min=49.4km az=118.0, New Britain region

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

CSEM 04 23:03:03.2, 38.72N, 26.71W, h0km, ML2.3

PDA 04 23:03:03.2, 1.1, 38.72N, 26.71W, h0km, MD3.5, ML2.3, Error ellipse: s-maj=9.2km s-min=2.1km az=29.0, Azores Islands

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMAN Manadas, PSET Sete Cidades, ROSA Rosais, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, HNR Honiara, WRA Warramunga Arr, etc.

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, TORO Torodi Ar. Bea, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H05S1 Guadeloupe/Mar, HUMP Col San Antoni, CELP Cerrillos, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JTN Tanegashima 3, JTSR Tashiro 2, JYAK Yakushimahirau, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MJAR Matsushiro Arr, USRK Ussuriysk Arr, SONM Sogingo Array, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like URZ Urewera, BKZ Black Stump Fm, RAHZ Arahai, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WWPV Whakapapa, WWH Wahioana, ARHZ Aroaupoanu, etc.

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

BOZ	Bozeman (W)	62.11	52	P	P	23 58 20.7	+0.4
BOZ	Bozeman (W)	62.11	52	PFAKE		23 58 30.0	+1.0
LOF	comp-Z,7um,20.0s	62.26	344	eP	IAMB	23 58 20.4	-0.4
LOF	Lofoten	62.26	344	eP	IAMB	23 58 22.1	
KBL	Kabul	62.47	292	eP	pmax	23 58 22.6	-0.3
KBL	comp-Z,102nm,0.7s	62.47	292	eP	pmax	23 58 22.6	-0.3
NV01	Minna Array Slt	62.67	62	eP	P	23 58 24.6	+0.4
NVAR	Minna Array Slt	62.67	62	eP	P	23 58 24.6	+0.4
NVAR	comp-Z,14nm,0.7s,baz=295,slow=7.0,SNR=77			P'P'P'P'	P'P'P'P'	00 27 23.1	-8.7
QLMT	Earthquake Lak	62.73	53	eP	P	23 58 25.1	+0.6
MLAC	Mammoth Lakes	62.83	63	eP	P	23 58 26.1	+0.7
ELK	Elko	63.08	58	eP	pmax	23 58 28.0	+1.0
ELK	comp-Z,30nm,0.9s	63.08	58	eP	P	23 58 28.0	+1.0
YMR	Madison River	63.08	53	eP	P	23 58 28.6	+1.7
GCMT	Greyhound	63.09	51	eP	P	23 58 27.7	+0.8
YNR	Norris Junction	63.21	53	eP	P	23 58 32.7	+4.8
LHMI	Lhok Sumawe	63.29	248	eP	P	23 58 30.9	+2.6
YFT	Old Faithful	63.29	53	eP	P	23 58 33.3	+4.9
RCTC	Rector, Farmer	63.40	64	eP	P	23 58 29.8	+0.9
LKWY	Lake	63.46	53	PFAKE	LR	23 58 40.0	+1.0
PPBI	Pangkal Pinang	63.47	235	eP	P	23 58 30.5	+1.0
H17A	Grant Village	63.47	53	eP	P	23 58 32.1	+2.5
SMMC	Simmler	63.55	66	eP	P	23 58 29.8	-0.2
TPH	Tonopah	63.55	62	eP	pmax	23 58 30.4	+0.3
TPH	comp-Z,78nm,1.0s	63.55	62	eP	pmax	23 58 30.4	+0.3
TIN	Tinemaha	63.57	63	eP	P	23 58 30.0	-0.2
IMW	Indian Meadow	63.59	53	eP	P	23 58 31.5	+1.1
FLWY	Flag Ranch	63.60	53	eP	P	23 58 31.6	+1.3
VIS	Vishakhapatnam	63.61	269	eP	P	23 58 30.8	+0.3
VIS	comp-Z,56nm,0.3s	63.69	9	iP	P	23 58 31.0	+0.8
ILULI	Ilulisat	63.70	54	eP	P	23 58 32.1	+1.0
SRBI	Singaraja	63.70	223	eP	P	23 58 30.5	-0.5
RLMT	Red Lodge	63.73	52	eP	P	23 58 31.8	+0.6
RLMT	Red Lodge	63.73	52	PFAKE	LR	23 58 40.0	+8.8
KONS	Konvik	63.76	343	eP	P	23 58 31.7	+1.0
MOR8	Moi Rana	63.77	343	eP	IAMB	23 58 29.1	-1.8
MOR8	comp-Z,69nm,0.7s	63.79	53	eP	P	23 58 33.0	+1.4
MOOV	Moose Ponds	63.80	65	eP	P	23 58 30.9	-0.6
YES	Vestal, Richgr	63.84	54	eP	P	23 58 33.1	+1.1
TPAW	Teton Pass	63.85	343	eP	P	23 58 32.9	+1.6
FLOS	Flostrand	63.85	343	eP	P	23 58 32.9	+1.6
PSI	Prapat	63.88	245	eP	pmax	23 58 32.2	-0.2
PSI	comp-Z,47nm,0.8s	63.88	245	eP	pmax	23 58 32.2	-0.2
HVU	Hansel Valley	63.88	56	eP	pmax	23 58 33.3	+1.1
HVU	comp-Z,36nm,0.9s	63.88	56	eP	P	23 58 33.3	+1.1
ABJI	Asem Bagus	63.92	224	eP	P	23 58 31.9	-0.5
STOK	Stokkvaagen	63.92	343	eP	P	23 58 35.8	+4.0
PKM	Peak Mountain	63.92	66	eP	P	23 58 32.8	+0.2
LOHW	Long Hollow	63.95	54	eP	P	23 58 33.8	+1.1
SNOW	Snow King Moun	63.96	54	eP	P	23 58 34.5	+1.7
REDW	Red Top Meadow	63.97	54	eP	P	23 58 33.8	+1.0
E21A	Keefer Ranch,	64.00	49	eP	P	23 58 33.4	+0.6
BHPL	Bhopal	64.04	277	eP	AMB	23 58 33.1	-0.1
CWC	Cottonwood Cre	64.05	64	eP	P	23 58 32.6	-0.7
KCSI	Kotacane, Aceh	64.05	246	eP	P	23 58 32.7	-0.7
GRAC	Grapevine Rang	64.14	63	eP	P	23 58 34.5	+0.7
H19A	Powel	64.17	52	eP	P	23 58 34.4	+0.4
AHID	Auburn Hatcher	64.21	54	PFAKE	LR	23 58 50.0	+1.6
DGMT	Dagmar	64.23	46	eP	P	23 58 33.9	-0.2
DGMT	Dagmar	64.23	46	eP	P	23 58 34.9	+0.7
DGMT	comp-Z,7um,20.0s			LR	LR		
G20A	Bridger	64.24	51	eP	P	23 58 34.5	0.0
BGU	Big Grassy Mou	64.27	57	eP	P	23 58 36.6	+1.9
SBC	Santa Barbara	64.28	66	eP	P	23 58 33.8	-0.8
NGP	Nagpur	64.29	274	eP	AMB	23 58 34.3	-0.7
ISA	Isabella	64.29	65	eP	pmax	23 58 34.5	-0.3
ISA	comp-Z,25nm,1.0s	64.29	65	eP	pmax	23 58 33.9	-1.0
ISA	Isabella	64.29	65	eP	P	23 58 34.5	-0.3
LAO	LASA Array	64.35	49	eP	P	23 58 35.3	+0.2
LAO	LASA Array	64.35	49	PFAKE	LR	23 58 50.0	+1.5
R11A	Troy Canyon, C	64.38	61	eP	P	23 58 35.5	0.0
R11A	Troy Canyon, C	64.38	61	eP	P	23 58 35.6	+0.1
ARVC	Arvin	64.41	65	eP	P	23 58 35.0	-0.5
F21A	Absaloka Mine,	64.44	50	eP	P	23 58 35.8	+0.1
DAC	Darwin (Calif)	64.46	64	eP	pmax	23 58 36.4	+0.3
DAC	comp-Z,22nm,1.1s	64.46	64	eP	pmax	23 58 36.4	+0.3
A25A	Svangstu Ranch	64.46	45	eP	P	23 58 35.9	+0.3
JMBI	JAMBI	64.49	238	eP	P	23 58 38.2	+2.0
BKNI	Bangkinang	64.49	241	eP	P	23 58 37.2	+1.0
BKNI	Bangkinang	64.49	241	eP	P	23 58 37.1	+0.9
I19A	Meeteetse	64.58	52	eP	P	23 58 37.1	+0.3
BSC	Santa Cruz Isl	64.61	67	eP	P	23 58 36.0	-0.9
E22A	Miles City	64.66	49	eP	P	23 58 37.2	+0.1
MPMC	Manual Prospec	64.66	64	eP	P	23 58 37.5	+0.1
HWUT	Hardware Ranch	64.69	56	eP	P	23 58 38.5	+1.0
HWUT	comp-Z,9um,21.0s			LR	LR		
PUL	Pulkovo	64.76	332	eP	pmax	23 58 37.7	+0.3
PUL	comp-Z,259nm,1.2s			MLR	MLR		
PUL	Pulkovo	64.76	332	eP	P	23 58 37.7	+0.3
FAIO	FINESSE Array S	64.77	335	eP	P	23 58 36.8	-0.6
FAIO	FINESSE Array S	64.77	335	eP	P	23 58 36.8	-0.6
FINES	FINESSE Array S	64.77	335	eP	P	23 58 36.8	-0.6
G21A	Lodge Grass	64.78	50	eP	P	23 58 37.9	-0.1
FURC	Furnace Creek,	64.79	63	eP	P	23 58 38.0	0.0
OSI	Oso Adit	64.80	66	eP	P	23 58 38.6	+0.5
H20A	Greybull	64.83	51	eP	P	23 58 38.1	-0.2
TPNV	Topopah Spring	64.86	62	eP	pmax	23 58 39.3	+0.6
TPNV	comp-Z,50nm,0.9s	64.86	62	eP	pmax	23 58 39.3	+0.6
TPNV	Topopah Spring	64.86	62	eP	P	23 58 38.7	0.0
TPNV	Topopah Spring	64.86	62	eP	P	23 58 39.3	+0.6
DUG	Dugway	64.86	58	eP	pmax	23 58 39.1	+0.5
DUG	comp-Z,83nm,1.0s			MLR	MLR		
DUG	Dugway	64.86	58	eP	P	23 58 39.1	+0.5
DUG	Dugway	64.86	58	eP	P	23 58 38.8	+0.2
DUG	Dugway	64.86	58	eP	P	23 58 39.1	+0.5
DUG	comp-Z,83nm,1.0s			LR	LR		
PMBI	Palmberg	64.87	236	eP	P	23 58 39.6	+0.9
B25A	Knox Farm, Ray	64.88	46	eP	P	23 58 38.7	+0.2
BLG	Laguna Peak	64.91	66	eP	P	23 58 38.9	+0.1
F22A	Rosebud	64.93	49	eP	P	23 58 39.1	+0.2
A26A	Wade Farm, Ken	65.02	45	eP	P	23 58 39.6	+0.3
MNSI	Mandailing Nat	65.02	243	eP	P	23 58 39.9	+0.2
J19A	Crowheart	65.04	53	eP	P	23 58 40.0	+0.2
BW06	Souther Array	65.08	54	eP	P	23 58 40.2	+0.1
BW06	comp-Z,7um,19.0s			LR	LR		
PD31	Pinedale Array	65.08	54	eP	P	23 58 40.2	+0.1
PDAR	Pinedale Array	65.08	54	eP	P	23 58 40.2	+0.1
EDW2	Edwards Air Fo	65.10	65	eP	P	23 58 40.1	0.0
I20A	Worland	65.11	52	eP	P	23 58 40.5	+0.4
PVM	Polavaram	65.12	269	eP	IAMB	23 58 40.8	+0.5
PVM	comp-Z,44nm,0.9s			IAMB	IAMB	23 58 41.8	
MOS	Moscow	65.13	326	eP	pmax	00 07 20.9	0.0
MOS	comp-Z,100nm,1.0s			pmax	pmax	23 58 39.4	-0.4
MOS	comp-Z,115nm,1.1s			pmax	pmax	23 58 40.2	+0.1
CTU	Camp Tracy	65.17	57	eP	P	23 58 41.5	+0.9
SMRI	Semarang	65.18	228	eP	P	23 58 41.4	+0.7
C25A	Freed Ranch, W	65.20	46	eP	P	23 58 40.8	+0.2
H21A	Big Horn, Sher	65.26	51	eP	P	23 58 41.4	+0.3
B26A	Jensen Ranch,	65.27	45	eP	P	23 58 40.8	-0.1
G22A	Birney	65.27	50	eP	P	23 58 41.1	-0.1
DECC	Green Verdugo	65.28	66	eP	P	23 58 41.5	+0.2
PWJ1	Pedrowejo	65.32	226	eP	P	23 58 40.2	-1.3
A27A	Ledoux Ranch,	65.37	44	eP	P	23 58 42.1	+0.5
F23A	Volborg	65.41	49	eP	P	23 58 42.2	+0.2
MWC	Mount Wilson	65.47	66	eP	pmax	23 58 43.0	+0.3
MWC	comp-Z,41nm,1.0s	65.47	66	eP	pmax	23 58 43.0	+0.3
PPI	Padang Panjang	65.50	241	eP	P	23 58 42.7	-0.1
SHOC	Shoshone	65.51	63	eP	P	23 58 42.5	-0.3
J20A	Shoshoni	65.52	52	eP	P	23 58 43.1	+0.3
D25A	Fairfield	65.55	47	eP	P	23 58 42.0	-0.8
GSC	Goldstone	65.57	64	eP	pmax	23 58 43.6	+0.4
GSC	comp-Z,29nm,0.9s	65.57	64	eP	pmax	23 58 42.9	-0.2
GSC	Goldstone	65.57	64	eP	P	23 58 43.5	+0.4
FMP	Fort Macarthur	65.65	66	eP	P	23 58 43.4	-0.2
H22A	Clearmont	65.65	50	eP	P	23 58 43.5	-0.1
RPR	Rampur	65.66	272	eP	IAMB	23 58 43.7	-0.1
RPR	comp-Z,36nm,0.7s			IAMB	IAMB	23 58 50.6	
I21A	Big Trails, Te	65.66	52	eP	P	23 58 43.6	-0.1
MPU	Maple Canyon	65.67	57	eP	P	23 58 45.2	+1.3
C26A	Walner Farm, P	65.71	46	eP	P	23 58 43.7	-0.1
BFSC	Mount Baldy, R	65.72	65	eP	P	23 58 43.9	-0.3
NSS	Nanos	65.72	343	eP	P	23 58 42.2	-1.3
RRX	Edison Barstow	65.72	64	eP	P	23 58 43.7	-0.4
B27A	Peters Farms,	65.73	45	eP	P	23 58 44.4	+0.5
G23A	Biddle	65.77	49	eP	P	23 58 44.0	-0.3
CIS	Catalina Islan	65.78	66	eP	P	23 58 45.1	+0.6
SHPR	Sho Range	65.82	62	eP	P	23 58 45.3	+0.4
F24A	Ekalaka	65.84	48	eP	P	23 58 44.8	+0.1
SFJD	Kangerlussuaq	65.86	10	iP	P	23 58 47.1	+2.7
SFJD	Kangerlussuaq	65.86	10	iP	pmax	23 58 45.9	+1.5
SFJD	comp-Z,71nm,0.8s	65.86	10	eP	pmax	23 58 45.9	+1.5
A28A	Rude Farm, Bot	65.87	44	eP	P	23 58 44.1	-0.8
J21A	Lysite	65.88	52	eP	P	23 58 45.4	+0.2
GSI	Gunungsitoli	65.88	245	eP	P	23 58 46.0	+0.7
GSI	Gunungsitoli	65.88	245	eP	P	23 58 45.1	-0.2
E25A	Miller Ranch,	65.94	47	eP	P	23 58 45.6	+0.2
SCI	San Clemente I	65.96	67	eP	P	23 58 45.5	-0.1
OBN	Obninsk	66.00	326	eP	P	23 58 44.8	-0.7
OBN	comp-Z,83nm,0.8s,baz=137,slow=0.6,SNR=41	66.00					

Table with columns: ID, Name, Address, Phone, Email, Website, etc. Includes entries like BGNE Belgrade, T26A Comanche Natio, AKASG Malin Array Be, etc.

Table with columns: ID, Name, Address, Phone, Email, Website, etc. Includes entries like SCHQ Schefferville, IZEF Zefreh, V28A Channing, etc.

Table with columns: ID, Name, Address, Phone, Email, Website, etc. Includes entries like BNGB Bing'li, GLMI Grayling, GLMI Hungry Hill Ra, etc.

CLL	comp=Z,3um,20.8s	eS	S	00 09 40.0	+0.1	
CLL	comp=N,2um,20.1s	Lm	MLR	00 42 00.0		
CLL	comp=E,2um,21.0s	Lm	MLR	00 42 00.0		
CLL	Collim	77.20 336	eP	P	23 59 52.6	-0.3
329A	Wagon Wheel Ra	77.21 58	P	P	23 59 53.2	-0.3
ECK	Cauldkaïne Hill	77.24 346	eP	P	23 59 53.9	+0.8
SVSK	Karacayir	77.25 315	eP	P	23 59 55.8	+2.4
SVRC	Sivrice-ELAZID	77.26 313	eP	P	23 59 56.4	+2.5
SMDC	Samaz	77.26 390	IP	P	23 59 55.1	+1.2
HATD	Hatta, Dubai	77.27 292	iP	P	23 59 54.3	+0.5
131A	Roby	77.28 56	P	P	23 59 53.3	-0.5
KECS	Kecevo	77.28 330	eP	P	23 59 54.2	+0.7
KECS	comp=Z,17nm,0.9s	pmx	pmx			
KECS	Kecevo	77.28 330	eP	P	23 59 54.2	+0.7
HDIL	Hopedale	77.29 44	P	P	23 59 53.2	-0.5
HDIL	Hopedale	77.29 44	eP	P	23 59 53.6	-0.1
HDIL	comp=Z,5.1nm,0.8s	LR	LR			
BRG	Berggiesshubel	77.31 335	iP	P	23 59 53.8	+0.2
BRG	Berggiesshubel	77.31 335	eP	P	23 59 53.6	0.0
BRG	Berggiesshubel	77.31 335	iP	P	23 59 53.8	+0.2
BRG	comp=Z,1.8nm,1.0s	MLR	MLR			
BRG	comp=N,25um,20.8s	MLR	MLR			
BRG	comp=E,3um,19.2s	MLR	MLR			
BRG	Berggiesshubel	77.31 335	eP	P	23 59 53.8	+0.2
Y33A	Hilltop Ranch,	77.32 54	P	P	23 59 53.1	-0.9
X34A	Smith Ranch, M	77.33 53	P	P	23 59 54.1	+0.1
Z32A	Haskell	77.34 55	P	P	23 59 53.3	-0.9
HOQ	Hoqain	77.38 291	IP	P	23 59 55.6	+1.1
ASHO	Ashtiyah	77.42 292	IP	P	23 59 56.0	+1.3
GRER	Sterling City	77.43 324	IP	P	23 59 57.2	+2.8
230A	SNR=14	77.43 57	P	P	23 59 53.9	-0.8
PVCC	Panska Ves	77.43 334	eP	P	23 59 54.2	-0.1
PVCC	Panska Ves	77.43 334	eP	P	23 59 54.2	-0.1
FBE	Freiberger	77.44 335	eP	P	23 59 54.8	+0.5
CLZ	Clausthal	77.45 337	eP	P	23 59 55.2	+0.8
W35A	Tecumseh	77.45 52	P	P	23 59 54.2	-0.5
NAZ	Nazwa, Dubai	77.46 293	IP	P	23 59 55.9	+1.0
U37A	Salina	77.47 50	P	P	23 59 54.1	-0.7
TUL1	Tulsa	77.48 51	P	P	23 59 54.2	-0.6
TUL1	Tulsa	77.48 51	eP	P	23 59 54.8	+0.1
V36A	Jenks	77.49 51	P	P	23 59 54.2	-0.6
TIRR	Tirgisor	77.59 323	eP	P	23 59 57.2	+2.0
TIRR	Tirgisor	77.59 323	eP	P	23 59 57.2	+2.0
TIRR	comp=Z,56nm,1.0s	pmx	pmx			
TIRR	Tirgisor	77.59 323	eP	P	23 59 56.2	+1.0
TIRR	Tirgisor	77.59 323	eP	P	23 59 55.6	+0.4
HARR	Harsova	77.60 323	IP	P	23 59 54.8	-0.5
NEUB	Neuenburg	77.64 336	eP	P	23 59 55.7	+0.3
CJR	Cluj-Napoca	77.65 327	IP	P	23 59 56.8	+1.2
GCD	Castle Douglas	77.67 347	eP	P	23 59 57.0	+1.5
FAQ	Al Faqa, Dubai	77.67 293	IP	P	23 59 56.2	+0.1
IBBN	Ibberburen	77.70 339	eP	P	23 59 56.2	+0.5
JMDO	Jabal Madar	77.71 289	IP	P	23 59 57.1	+1.4
330A	Mertzton	77.74 57	P	P	23 59 55.7	-0.8
TXAR	Lajitas Array	77.75 61	P	P	23 59 56.3	-0.2
ABTX	Ahliene, Hawle	77.75 56	eP	P	23 59 56.2	-0.2
ABTX	Ahliene, Hawle	77.75 56	eP	P	23 59 56.6	+0.2
MLR	Muntele Rosu	77.75 325	IP	P	23 59 56.6	+0.3
MALT	Malatya	77.76 313	eP	P	23 59 59.4	+2.9
MALT	Malatya	77.76 313	IP	P	23 59 58.5	+2.0
Z33A	Whitaker Ranch	77.77 55	P	P	23 59 56.1	-0.4
GAL1	Galloway	77.79 347	eP	P	23 59 56.6	+0.4
GAL1	comp=Z,60nm,1.0s	AMB	AMB	00 00 01.6		
EFOR	EFORIE	77.80 323	IP	P	23 59 52.0	-4.4
KESW	Keswick, Cumbr	77.80 346	eP	P	23 59 58.0	+1.8
KESW	comp=Z,33nm,1.0s	AMB	AMB	00 00 01.7		
SLBS	Sierra Laguna	77.80 69	eP	P	00 00 01.0	+4.1
PGOR	Pogoanele	77.81 324	IP	P	23 59 55.2	-1.3
TOS	Tosya	77.81 318	eP	P	23 59 59.2	+2.5
W36A	Wetumka	77.82 52	P	P	23 59 56.2	-0.5
ISR	Istrita	77.82 325	IP	P	23 59 57.5	+0.9
U38A	Gravette	77.84 50	P	P	23 59 55.9	-0.9
VYHS	Vyhne	77.84 331	eP	P	23 59 57.0	+0.4
VYHS	comp=Z,21nm,1.0s	pmx	pmx			
VYHS	Vyhne	77.84 331	eP	P	23 59 57.0	+0.4
Y34A	Reagan Ranch,	77.84 54	P	P	23 59 56.4	-0.5
V37A	Hulbert	77.85 51	P	P	23 59 56.0	-0.9
231A	Bronte	77.86 57	P	P	23 59 56.7	-0.4
VRAC	Vranov	77.87 333	LR	LR	00 38 47.2	
VRAC	Vranov	77.87 333	IP	P	23 59 57.1	+0.3
PRA	Prague	77.88 334	eP	P	23 59 57.5	+0.7
PRA	Prague	77.88 334	eP	P	23 59 57.5	+0.7
429A	Davenport Ranc	77.88 56	P	P	23 59 56.7	-0.5
GOPC	GO Pecny, Ondr	77.91 334	eP	P	23 59 57.5	+0.5
DRGR	Dr. Grigori	77.91 328	IP	P	23 59 56.3	-0.8
PRU	Pruhonice	77.92 334	eP	P	23 59 57.2	+0.2
PRU	Pruhonice	77.92 334	eP	P	23 59 57.2	+0.2
PRU	Pruhonice	77.92 334	eP	P	23 59 57.2	+0.2
ASUD	Al Ashush, Dub	77.93 293	IP	P	23 59 58.8	+1.3
X35A	Drake	77.95 53	P	P	23 59 56.7	-0.8
PSZ	Piszkesteto	77.97 330	eP	P	23 59 58.0	+0.5
PSZ	comp=Z,46nm,0.9s	pmx	pmx			
PSZ	Piszkesteto	77.97 330	IP	P	23 59 58.0	+0.5
PSZ	Piszkesteto	77.97 330	IP	P	23 59 58.0	+0.5
PSZ	comp=Z,46nm,0.9s	MLR	MLR			
PSZ	Piszkesteto	77.97 330	IP	P	23 59 58.0	+0.5
BSY	Bisya	78.04 290	P	P	23 59 59.5	+1.4
529A	Stev Forest Ra	78.05 59	P	P	23 59 57.7	-0.5
ARQ	Araqi	78.06 291	P	P	00 00 00.1	+1.8

HPK	SNR=14	78.15 345	eP	P	23 59 59.4	+1.2
HPK	Haverah Park	78.15 345	eP	P	00 00 04.5	
VOIR	Tannenbergs	78.15 326	IP	P	23 59 58.7	+0.2
TANN	comp=Z,264nm,0.7s	78.15 336	eP	P	23 59 58.7	+0.3
430A	Baggett Ranch,	78.16 58	P	P	23 59 58.0	-0.8
WERD	Werda	78.17 336	eP	P	23 59 59.0	+0.6
X36A	Centrahoma	78.17 52	P	P	23 59 57.9	-0.7
PLN	Plaues	78.18 336	eP	P	23 59 58.9	+0.5
133A	Hamilton Ranch	78.18 55	P	P	23 59 57.9	-0.9
Z34A	Collier Ranch,	78.19 54	P	P	23 59 58.2	-0.6
MOX	Moxa	78.19 336	eP	P	23 59 58.8	+0.3
URFA	Urfa	78.22 312	eP	P	00 00 01.9	+2.9
STKA	Stevens Creek	78.24 190	P	P	23 59 58.4	-0.3
STKA	Stevens Creek	78.24 190	eP	P	23 59 58.1	-0.7
STKA	comp=Z,5.0nm,0.8s	pmx	pmx			
STKA	Stevens Creek	78.24 190	eP	P	23 59 58.1	-0.7
331A	San Angelo	78.25 57	P	P	23 59 58.9	-0.4
V38A	Canehill	78.26 50	P	P	23 59 58.4	-0.8
SAFT	Safranbolu	78.28 318	eP	P	00 00 01.3	+2.2
Y35A	Marietta	78.28 53	P	P	23 59 58.8	-0.5
232A	Coleman	78.28 56	P	P	23 59 58.9	-0.5
WERN	Wernitzgrun	78.29 336	eP	P	23 59 59.5	+0.4
PSN	Presentisli	78.31 323	eP	P	00 00 00.3	+1.0
NKC	Novy Kostel	78.32 326	eP	P	23 59 59.2	+0.1
NKC	Novy Kostel	78.32 326	eP	P	23 59 59.2	+0.1
CANT	Cankiri	78.34 318	eP	P	23 59 57.1	-2.5
AAM	Ann Arbor	78.53 39	P	PFake	00 00 10.0	+9.5
AAM	comp=Z,3um,20.0s	LR	LR			
530A	J-C Ranch, Com	78.56 58	P	P	23 59 59.7	-1.2
GMM	Hts of Mourne	78.59 348	eP	P	00 00 01.1	+0.5
LHO	Limfirth	78.59 345	eP	P	00 00 03.4	+2.8
Z35A	Perchaven, San	78.59 54	P	P	00 00 00.6	-0.4
332A	Millersview	78.60 57	P	P	00 00 00.4	-0.7
431A	Sonora	78.60 58	P	P	23 59 60.0	-1.2
BUG	Bochum-Univer	78.61 339	eP	P	00 00 01.1	+0.3
MANZ	Manzenberg	78.64 336	eP	P	00 00 01.3	+0.3
BUD	Budapest	78.65 330	eS	P	00 00 02.6	+1.5
134A	White-Moore Ra	78.68 55	P	P	00 00 01.1	-0.5
X37A	Clayton	78.69 52	P	P	00 00 01.4	-0.1
Y36A	Durant	78.70 53	P	P	00 00 01.1	-0.5
W38A	Poteau	78.80 51	P	P	00 00 02.0	-0.1
ROTZ	Rotzenmuhle	78.81 335	eP	P	00 00 02.7	+0.8
432A	Whitesboro	78.93 51	P	P	00 00 02.3	-0.5
X38A	Leinard	78.94 57	P	P	00 00 02.3	-0.7
PKSG	Kasperske Hory	78.94 331	eS	P	00 00 03.5	+0.8
KHC	Kasperske Hory	78.97 334	eP	P	00 00 03.2	+0.3
KHC	Kasperske Hory	78.97 334	eP	P	00 00 03.2	+0.3
531A	Rocksprings	79.02 58	P	P	00 00 03.1	-0.4
BR10T	Keekin Array S	79.02 317	eP	P	00 00 04.2	+0.7
BR10T	Keekin Array S	79.02 317	eP	P	00 00 04.2	+0.7
234A	Clairette	79.07 55	P	P	00 00 03.8	+0.1
135A	Vickery Place,	79.07 54	P	P	00 00 03.2	-0.5
333A	Richland Sprin	79.08 56	P	P	00 00 03.4	-0.4
Z36A	Blue Ridge	79.09 53	P	P	00 00 03.2	-0.6
WME	Myndd Eilian	79.15 347	eP	P	00 00 05.9	+2.3
KMRS	Katramanarr	79.15 314	eP	P	00 00 06.5	+2.5
GRF	Grafenberg Arr	79.15 336	eP	P	00 00 04.7	+0.8
GRF	comp=Z,2um,20.8s	eL	L	00 34 10.3		
GRFO	Grafenberg	79.16 336	eP	P	00 00 04.7	+0.9
GRFO	comp=Z,79nm,0.8s	pmx	pmx			
GRFO	Grafenberg	79.16 336	eP	P	00 00 04.7	+0.9
WET	Wetzell	79.17 335	eP	P	00 00 04.7	+0.8
GEC2	GERESS Array S	79.18 334	eP	P	00 00 04.2	+0.1
GEC2	GERESS Array S	79.18 334	eP	P	00 00 04.2	+0.1
GEC2	GERESS Array S	79.18 334	eP	P	00 25 50.2	-1.4
GERES	GERESS Array B	79.18 334	eP	P	00 00 04.2	+0.1
GERES	comp=Z,12nm,0.6s,baz=35,slow=4.9,SNR=67	P	P	00 26 50.2	-1.4	
GERES	comp=Z,0.2nm,0.4s,baz=224,slow=3.7,SNR=3.5	P	P	00 40 09.1		
WPM1	Penmaenmawr	79.21 346	eP	P	00 00 06.1	+2.0
JCT	Junction City	79.22 57	eP	P	00 00 04.6	0.0
JCT	comp=Z,81nm,1.1s	pmx	pmx			
JCT	Junction City	79.22 57	eP	P	00 00 04.2	-0.4
JCT	Junction City	79.22 57	eP	P	00 00 04.6	0.0
JCT	comp=Z,3um,19.0s	LR	LR			
CWF	Charnwood Fore	79.26 345	eP	P	00 00 05.0	+0.7
CWF	comp=Z,98nm,0.8s	AMB	AMB	00 00 10.3		
RAR	Rarotonga	79.27 136	LR	LR	00 30 33.3	
KAMT	Kaman	79.27 317	eP	P	00 00 04.2	-0.6
OLIL	Olney	79.29 44	eP	P	00 00 05.3	+0.5
SOP	Sopron	79.31 332	eS	P	00 00 06.4	+1.7
LOD	Lodumlu	79.31 318	eP	P	00 00 07.0	+2.1
ANTO	Ankara	79.31 318	P	PFake	00 00 20.0	+1.5
ANTO	comp=Z,1um,20.0s	LR	LR			
BZS	Buzias	79.32 328	eP	P	00 00 04.5	-0.3
CONA	Conrad Observa	79.32 332	iP	P	00 00 06.7	+1.8
RAO	Raoul Island	79.				

MERS	Mersin	80.84 315	eP	P	00 00 14.9 +1.7
KBA	Koelnbreinsper	80.87 334	iP	P	00 00 14.3 +0.9
634A	China Grove, S	80.86 57	P	P	00 00 13.8 +0.3
ORLT	Orhanelli	80.96 320	eP	P	00 00 15.4 +1.7
OBKA	Obir	80.99 333	iP	P	00 00 15.0 +1.1
NCB	Newcomb	81.01 33	eP	P	00 00 13.4 -0.6
NCB	comp-Z,29nm,1.1s				
KCTX	Karacabey (Bur	81.02 321	eP	P	00 00 15.8 +1.7
KONT	Konya-Tatoy	81.04 317	eP	P	00 00 14.7 +0.5
CAN	Canberra	81.04 184	eP	P	00 00 13.8 -0.2
CAN	comp-Z,64nm,1.4s				
CAN	Canberra	81.04 184	eP	P	00 00 13.8 -0.2
CAN	comp-Z,64nm,1.4s				
833A	comp-Z,2um,21.0s				
CCAN	Chaparral WMA,	81.05 58	P	P	00 00 13.7 -0.6
MRMT	Marmara Adasi	81.08 321	eP	P	00 00 15.4 +1.0
536A	Bastrop	81.11 56	P	P	00 00 14.9 +0.2
239A	Gary	81.12 53	P	P	00 00 14.1 -0.6
338A	Crockett	81.15 54	P	P	00 00 15.2 +0.3
734A	La Parita Cree	81.15 58	P	P	00 00 15.3 +0.3
EDC	Edincik	81.17 321	eP	P	00 00 13.3 -1.5
MYKA	Terra Mystica	81.17 333	iP	P	00 00 15.7 +0.8
TVSB	Tavsanli	81.19 319	eP	P	00 00 14.7 -0.4
BFO	Black Forest	81.19 337	eP	P	00 00 15.3 +0.4
BFO	comp-Z,55nm,0.8s				
BFO	Black Forest	81.19 337	eP	P	00 00 15.3 +0.4
BFO	comp-Z,46nm,0.7s				
BFO	Black Forest	81.19 337	eP	P	00 00 15.3 +0.4
BFO	comp-Z,46nm,0.7s				
NATX	Nacogdoches	81.21 53	P	P	00 00 15.1 -0.1
635A	Leesville	81.21 57	P	P	00 00 15.7 +0.5
WTTA	Wattenberg	81.22 335	iP	P	00 00 16.2 +0.9
VTS	Vitosh	81.23 25	eP	P	00 00 15.4 -0.1
RETA	Reutte	81.28 335	iP	P	00 00 16.9 +1.5
HEX	Exmoo	81.31 346	eP	P	00 00 16.5 +1.1
LJU	Ljubljana	81.41 332	iP	P	00 00 16.3 +0.2
LJU	comp-Z,19.9				
VAL	Valentia	81.41 350	eP	P	00 00 17.1 +1.2
ABTA	Abfaltersbach	81.42 334	iP	P	00 00 16.2 0.0
ERIK	Erikil-Kesan	81.49 322	eP	P	00 00 18.2 +1.7
HTL	Hartland	81.49 346	eP	P	00 00 18.3 +2.0
HTL	comp-Z,107nm,1.6s				
ALN	Alexandroupoli	81.50 322	eP	P	00 00 15.5 -1.1
ALN	Alexandroupoli	81.50 322	eP	P	00 00 17.1 +0.5
ALN	Alexandroupoli	81.50 322	eP	P	00 00 17.1 +0.5
438A	Sam Houston St	81.52 54	P	P	00 00 17.1 +0.3
537A	Green Hill Far	81.54 55	P	P	00 00 17.5 +0.6
636A	Smothers Creek	81.56 56	P	P	00 00 17.3 +0.2
735A	Kenedy	81.59 57	P	P	00 00 17.2 0.0
339A	Huntington	81.59 53	P	P	00 00 17.1 -0.1
ECH	Echery	81.61 338	eP	P	00 00 16.7 -0.4
ECH	comp-Z,53nm,0.7s				
ECH	Echery	81.61 338	eP	P	00 00 16.7 -0.4
ECH	comp-Z,53nm,0.7s				
PPT	Papeete	81.61 126	LR	LR	00 01 13.1
LPK	Lapsack	81.63 322	eP	P	00 00 17.6 +0.3
933A	Laredo	81.64 59	P	P	00 00 18.2 +0.6
BOJS	Bojanci	81.65 332	iP	P	00 00 17.3 0.0
BOJS	comp-Z,19.9				
834A	Tilden	81.69 58	P	P	00 00 18.4 +0.6
JAVS	Javornik	81.69 333	iP	P	00 00 16.9 -0.8
JAVS	comp-Z,107nm,1.6s				
FETA	Feichten	81.71 335	iP	P	00 00 19.4 +1.6
DAVA	Damuels	81.71 336	iP	P	00 00 19.2 +1.3
ACCN	Adirock Corn	81.72 33	eP	P	00 00 17.3 -0.4
GELI	Tayfur-Gelibol	81.73 322	eP	P	00 00 19.0 +1.2
HDMB	Hadim	81.76 316	eP	P	00 00 19.8 +1.5
439A	Center Grove,	81.88 54	P	P	00 00 19.2 +0.4
MMB	Musomiste	81.89 324	eP	P	00 00 19.3 +0.6
340A	Bronson	81.90 53	P	P	00 00 19.1 +0.3
538A	Harpers Horsep	81.90 55	P	P	00 00 19.7 +0.8
OXF	Oxford	81.92 48	eP	P	00 00 18.8 -0.1
OXF	comp-Z,78nm,0.9s				
OXF	Oxford	81.92 48	eP	P	00 00 18.8 -0.1
DYA	Yadsworth	81.94 346	eP	P	00 00 18.1 -0.6
DYA	comp-Z,100nm,1.4s				
DYA	Yadsworth	81.94 346	eP	P	00 00 19.7 +1.0
736A	Circle Diamond	81.94 56	P	P	00 00 19.3 +0.2
ISP	Isparta	82.01 318	PFAKE	LR	00 00 30.0 +1.1
NVR	Neurokopi	82.04 324	P	P	00 00 19.5 0.0
NVR	Neurokopi	82.04 324	P	P	00 00 19.5 0.0
KAVA	Kavala	82.06 323	P	P	00 00 20.2 +0.7
PVA	Pilevija	82.10 328	iP	P	00 00 20.2 +0.7
WVL	Waterville	82.14 29	eP	P	00 00 20.8 +1.0
DAVOX	Davos/Dischmal	82.17 336	LR	LR	00 00 28.6
FUORN	Ofenpass-Fuorn	82.21 335	eP	P	00 00 21.3 +0.8
EZN	Ezine	82.27 322	eP	P	00 00 21.1 +0.5
IVA	Serane	82.30 327	iP	P	00 00 20.2 +0.7
KULA	Kula-Manisa	82.31 319	eP	P	00 00 22.5 +1.5
KULA	Kula-Manisa	82.31 319	eP	P	00 00 21.3 +0.3
KULA	Kula-Manisa	82.31 319	eP	P	00 00 21.3 +0.3
SRS	Serrai	82.34 324	P	P	00 00 20.0 -1.0
SRS	Serrai	82.34 324	P	P	00 00 20.0 -1.0
440A	Kirbyville	82.37 53	P	P	00 00 22.0 +1.0
SSPA	Standing Stone	82.37 37	eP	P	00 00 21.2 0.0
UPM	Unac-Phra	82.38 328	iP	P	00 00 21.6 +0.1
FFD	Franklin Falls	82.39 31	PFAKE	LR	00 00 30.0 +8.8
FFD	comp-Z,9um,21.0s				
AKS	Akhisar	82.39 320	eP	P	00 00 20.8 -0.5
034A	Hebbronville	82.39 59	P	P	00 00 21.9 +0.4

KSPA	Keystone Colle	82.46 35	eP	P	00 00 21.7 0.0
SKO	Skopje	82.48 326	iP	P	00 00 23.8 +2.1
KVXT	Kingsville	82.51 58	LR	LR	00 00 30.0 +7.9
PVY	Plav	82.52 327	eP	P	00 00 22.2 +0.1
LFK	Lefkose	82.58 314	eP	P	00 00 22.5 +0.1
VAY	Valandovo	82.58 325	iP	P	00 00 22.9 +0.6
VAY	Valandovo	82.58 325	iP	P	00 00 22.7 +0.4
VAY	Valandovo	82.58 325	iP	P	00 00 22.7 +0.4
VAY	Valandovo	82.58 325	iP	P	00 00 22.7 +0.4
KNT	Kendrikon	82.59 325	eP	P	00 00 21.9 -0.5
KNT	Kendrikon	82.59 325	eP	P	00 00 22.6 +0.3
KNT	Kendrikon	82.59 325	eP	P	00 00 22.6 +0.3
KNT	Kendrikon	82.59 325	eP	P	00 00 22.6 +0.3
TUE	Stuetta	82.61 336	eP	P	00 00 22.3 +0.7
TUE	comp-Z,66nm,0.9s				
DKL	Dikili	82.64 321	eP	P	00 00 20.4 -2.2
NKY	Niksic	82.69 328	iP	P	00 00 23.3 +0.4
LIA	Limnos Island	82.70 322	iP	P	00 00 23.0 +0.1
LIA	Limnos Island	82.70 322	iP	P	00 00 23.0 +0.1
NKME	Niksic	82.74 328	iP	P	00 00 22.9 -0.3
PRK	Paraskevi	82.77 321	P	P	00 00 23.5 +0.2
PRK	Paraskevi	82.77 321	P	P	00 00 23.5 +0.2
PRK	Paraskevi	82.77 321	P	P	00 00 23.5 +0.2
BQE	Queens East	82.78 344	eP	P	00 00 24.2 +1.1
JRY	Bratogost	82.78 328	iP	P	00 00 23.7 +0.2
035A	Encino	82.84 59	P	P	00 00 24.3 +0.5
OUR	Ouranopolis	82.84 323	eP	P	00 00 24.8 +1.3
738A	Farr-Stevens R	82.85 56	P	P	00 00 24.2 +0.3
TTG	Podgorica	82.92 328	iP	P	00 00 23.8 -0.2
CSS	Prochomos	82.93 314	eP	P	00 00 24.5 0.0
CSS	Prochomos	82.93 314	eP	P	00 00 24.6 +0.3
CSS	comp-Z,12nm,0.9s				
936A	North Padre Is	82.95 58	P	P	00 00 24.9 +0.5
HORT	Horiatias	82.98 324	eP	P	00 00 22.6 -1.9
SIGR	SIGRI	82.98 322	eP	P	00 00 26.0 +1.7
SIGR	SIGRI	82.98 322	eP	P	00 00 24.4 +0.1
SIGR	SIGRI	82.98 322	eP	P	00 00 24.4 +0.1
LEF	Lefka	83.03 315	eP	P	00 00 26.0 +1.4
PLG	Polygyros	83.03 324	P	P	00 00 24.9 +0.2
PLG	Polygyros	83.03 324	P	P	00 00 24.9 +0.2
PLG	Polygyros	83.03 324	P	P	00 00 24.9 +0.2
AYD	Arifnikoy-Aydi	83.12 320	eP	P	00 00 25.3 +0.1
BLCB	Balcova	83.14 320	eP	P	00 00 25.3 +0.1
DRME	Dracevica, Mon	83.16 327	iP	P	00 00 25.4 +0.2
ELL	Elmali	83.16 318	eP	P	00 00 26.7 +1.2
BUM	Brajici-Budva	83.17 328	iP	P	00 00 27.3 +1.9
HCY	Herceg Novi	83.19 328	iP	P	00 00 25.0 -0.4
035Z	Harail	83.21 59	P	P	00 00 25.3 -0.5
TZTN	Tazewell	83.21 43	eP	P	00 00 25.8 +0.1
TZTN	comp-Z,76nm,1.5s				
SENN	Las Senn/Sane	83.28 337	eP	P	00 00 27.2 +1.2
ASF	Jabal al Asfar	83.28 310	P	P	00 00 27.3 +1.1
PAIG	Paliouri	83.31 323	P	P	00 00 25.7 -0.3
PAIG	Paliouri	83.31 323	P	P	00 00 25.7 -0.3
PAIG	Paliouri	83.31 323	P	P	00 00 25.7 -0.3
JLCJ	Jilcinj	83.33 327	iP	P	00 00 27.1 +1.3
MMAI	Mount Meron Ar	83.34 312	P	P	00 00 27.9 +1.1
MMAI	comp-Z,56nm,0.6s,baz=36,slow=7.2,SNR=104				
LUPA	Lehigh Univer	83.44 35	eP	P	00 00 27.4 +0.7
OHR	Ohrid	83.46 326	iP	P	00 00 26.2 -0.7
FNA	Florida	83.52 325	eP	P	00 00 26.2 -1.0
FNA	Florida	83.52 325	eP	P	00 00 23.9 -1.4
FNA	Florida	83.52 325	eP	P	00 00 28.3 +1.1
FNA	Florida	83.52 325	eP	P	00 00 28.3 +1.1
MVL	Millersville	83.55 36	eP	P	00 00 27.6 +0.4
CHOS	Chios Island	83.58 321	eP	P	00 00 28.3 +0.7
CHOS	Chios Island	83.58 321	eP	P	00 00 27.6 0.0
CHOS	Chios Island	83.58 321	eP	P	00 00 27.6 0.0
YER	Yerkesik	83.61 319	eP	P	00 00 28.9 +1.1
TIR	Tirane	83.62 327	eP	P	00 00 28.4 +0.7
TIR	comp-Z,63nm,0.8s				
TIR	Tirane	83.62 327	eP	P	00 00 28.4 +0.7
TIR	comp-Z,63nm,0.8s				
TIR	Tirane	83.62 327	eP	P	00 00 28.4 +0.7
TIR	comp-Z,63nm,0.8s				
CPCT	Cooper Cave	83.63 44	eP	P	00 00 27.7 -0.1
DALY	Dalyan (Mur Ia)	83.69 318	eP	P	00 00 26.7 -1.3
TKL	Tukalecnes C	83.82 43	eP	P	00 00 28.8 0.0
TKL	Tukalecnes C	83.82 43	eP	P	00 00 28.8 0.0
SDMD	Soldier's Deli	83.84 37	eP	P	00 00 29.8 +1.0
AOS	Alonnissos	83.86 323	eP	P	00 00 28.5 -0.4
KBN	Korca	83.98 326	P	P	00 00 34.6 +5.5
NEST	Nestorio	83.96 325	P	P	00 00 29.9 +0.4
XOR	Xorhiti	83.98 323	P	P	00 00 29.6 0.0
XOR	Xorhiti	83.98 323	P	P	00 00 29.6 0.0
NEO	Neokhorh	84.02 323	P	P	00 00 29.7 0.0
NEO	Neokhorh	84.02 323	P	P	00 00 29.7 0.0
BODT	Bodrum	84.11 319	eP	P	00 00 28.1 -2.1
BLA	Blacksburg	84.12 40	eP	P	00 00 30.4 +0.1
BLA	comp-Z,30nm,0.9s				
BLA	Blacksburg	84.12 40	eP	P	00 00 30.4 +0.1
BLA	comp-Z,30nm,0.9s				
LRAL	Lakeview Retre	84.32 47	eP	P	00 00 30.8 -0.5
MRKA	Markates	84.37 323	P	P	00 00 31.3 -0.2
SMIA	Simia	84.38 323	P	P	00 00 30.8 -0.8
VLC	Villacollemand	84.40 334	eP	P	00 00 31.9 +0.3
VLC	comp-Z,40nm,0.8s				
ARG	Arkangelos	84.43 318	P	P	00 00 31.9 +0.1
ARG	Arkangelos	84.43 318	P	P	00 00 31.9 +0.1
ARG	Arkangelos	84.43 318	P	P	00 00 31.9 +0.1
EREA	Eretria	84.47 322	P	P	00 0

5d 0h

Table with columns: RTC, Rabat Centre, 98.38 343, PFAKE LR, 00 01 50.0 +13, etc. Lists various stations and their coordinates/status.

2010 AUG

Table with columns: SHEL, Villa Florida, 148.71 62, PKPbc PKPbc, 00 07 45.6 -0.8, etc. Lists stations and their coordinates/status.

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Table with columns: comp=Z,0.8nm,0.7s,baz=39,slow=6.3,SNR=4.8, TXAR, Lajitas Array, 89.74 52 P, 00 06 37.0 +0.9, etc. Lists stations and their coordinates/status.

F23A	Volborg	4.11	58	P	Pn	00 05 22.4 +1.1	baz=7.0	M28A	Bar X Bar Ranch	7.01	105	P	Pn	00 06 00.9 -0.1	T28A	Walsh	9.04	133	P	Pn	00 06 29.6 +0.6
K24A	Anderson Ranch	4.16	101	P	Pn	00 05 22.5 +0.6	baz=4.2,SNR=6.4	HAWA	Handford	7.06	296	ePn	Pn	00 06 04.4 +2.8	B29A	Wagenman Farm,	9.06	54	P	Pn	00 06 30.2 +1.1
J24A	Dixon Ranch, L	4.16	92	P	Pn	00 05 22.4 +0.5	baz=4.2	P27A	Ficken Ranch,	7.11	122	ePn	Pn	00 06 03.0 +0.5	J32A	Parkston	9.10	87	P	Pn	00 06 30.7 +1.0
I24A	Kuemmerle Ranch	4.17	85	P	Pn	00 05 23.0 +1.0	baz=4.2	D27A	Center	7.13	58	P	Pn	00 06 03.9 +1.2	ANMO	Albuquerque	9.18	159	Pn	Pn	00 06 31.1 +0.2
E22A	Miles City	4.21	46	P	Pn	00 05 23.2 +0.6	baz=4.2	C26A	Walner Farm, P	7.15	51	P	Pn	00 06 04.0 +1.1	ANMO		2.4nm,0.3s,ba=340,slow=12,SNR=55	Lg		00 09 03.6	
SLMT	Seely Lake	4.24	330	ePn	Pn	00 05 23.9 +0.8	baz=4.3	F28A	McLaughlin	7.17	69	P	Pn	00 06 04.3 +0.2	DAC	Darwin (Calif)	9.20	220	ePn	Pn	00 06 34.2 +3.1
LAO	LASA Array	4.24	42	P	Pn	00 05 23.8 +0.8	baz=4.3	N28A	Pribbeno Ranch	7.18	111	P	Pn	00 06 03.8 +0.3	P31A	Stockton	9.20	113	P	Pn	00 06 31.4 +0.4
LAO					Sg	00 06 29.1 -4.3	baz=2.2,SNR=23	I29A	Vivian Onida	7.29	83	P	Pn	00 06 05.1 +0.3	U27A	Thompson Grove	9.22	139	P	Pn	00 06 32.3 +0.8
LAO	LASA Array	4.24	42	ePn	Pn	00 05 24.7 +1.7	baz=2.3	O28A	Krutsinger Ran	7.30	116	P	Pn	00 06 05.3 +0.3	L32A	Elgin	9.23	96	P	Pn	00 06 32.4 +1.0
N23A	Red Feather La	4.26	128	P	Pn	00 05 24.6 +1.1	baz=2.3	J29A	Okreek	7.30	88	P	Pn	00 06 05.6 +0.6	TUQ	Turquoise Moun	9.23	210	P	Pn	00 06 32.7 +1.1
N23A					Sb	00 06 28.2 +3.0	baz=2.3	A25A	Svangstu Ranch	7.31	41	P	Pn	00 06 05.9 +0.8	S29A	Ulysses	9.24	127	P	Pn	00 06 31.5 0.0
PHWY	Pilot Hill	4.31	121	ePn	Pn	00 05 24.2 +0.1	baz=2.3	H29A		7.38	79	P	Pn	00 06 06.9 +0.9	HUMO	Hull Mountain	9.27	268	ePn	Pn	00 06 34.2 +2.2
H24A	Dirks Ranch, A	4.33	73	P	Pn	00 05 24.7 +0.5	baz=2.4,SNR=25	B26A	Jensen Ranch,	7.39	47	P	Pn	00 06 07.0 +0.8	C30A	Mose, Pekin	9.27	60	P	Pn	00 06 33.0 +1.0
H24A					Sb	00 06 30.6 +3.7	baz=2.4	K29A	Lazy Trails An	7.39	93	P	Pn	00 06 06.6 +0.3	LDFC	Landfair	9.29	205	Pn	Pn	00 06 33.5 +1.2
EGMT	Eagleton	4.42	5	P	Pn	00 05 26.3 +0.8	baz=2.4	KSCO	Kaye Shedlock'	7.42	126	ePn	Pn	00 06 07.2 +0.4	BGNE	Belgrade	9.29	100	Pn	Pn	00 06 33.1 +0.7
SRU	San Rafael	4.51	182	ePn	Pn	00 05 27.4 +0.6	baz=2.4	K29A	Kaye Shedlock'	7.42	126	ePn	Pn	00 06 06.9 +0.1	BGNE	Belgrade	9.29	100	ePn	Pn	00 06 33.0 +0.9
G24A	Alzada	4.59	66	P	Pn	00 05 28.2 +0.5	baz=2.4,SNR=59	L29A	Hessberg Ranch	7.43	99	P	Pn	00 06 07.1 +0.3	YBH	Yreka Blue Hor	9.29	262	Pn	Pn	00 06 32.8 +0.5
RSSD	Black Hills	4.60	82	ePn	Pn	00 05 30.3 +2.2	baz=2.4,SNR=16,SNR=40	E28A	Huff	7.45	63	P	Pn	00 06 07.9 +0.8	YBH	Yreka Blue Hor	9.29	262	Pn	Lg	00 09 06.8
ELK	Elko	4.62	233	Pn	Pn	00 05 28.4 0.0	baz=2.4,SNR=9.4	R26A	Arlington	7.46	133	P	Pn	00 06 07.5 +0.2	YBH	Yreka Blue Hor	9.29	262	Pn	Lg	00 09 06.8
ELK					Lg	00 06 40.2	M29A	Burnside Ranch	7.47	104	P	Pn	00 06 07.1 -0.3	R30A	Dighton	9.31	122	P	Lg	00 06 32.2 -0.3	
ELK	Elko	4.62	233	Pn	Pn	00 05 29.0 +0.6	MOD	Modoc	7.51	260	ePn	Pn	00 06 09.9 +1.9	MPMC	Maxtal Prospec	9.33	218	P	Pn	00 06 35.1 +2.1	
ELK	Elkalaka	4.65	328	Lg	Lg	00 05 28.4 -0.3	TPH	Toponah	7.60	225	ePn	Pn	00 06 11.5 +2.3	CBKS	Cedar Bluff	9.34	117	Pn	Pn	00 06 32.5 -0.4	
SWMT	Swartz Lake	4.67	328	Lg	Lg	00 05 30.5 +0.2	TPH		7.60	225	ePn	Pn	00 06 08.5 +4.4	CBKS	Cedar Bluff	9.34	117	ePn	Pn	00 06 32.0 -0.9	
F24A	Ekalaka	4.77	60	P	Pn	00 05 30.5 +0.2	P28A	Saint Francis	7.62	119	P	Pn	00 06 08.8 -0.5	I32A	Karley and Nic	9.34	83	P	Pn	00 06 34.0 +1.1	
J25A	Sunshine Ranch	4.78	91	P	Pn	00 05 30.7 +0.3	G29A	Hoven	7.64	75	P	Pn	00 06 10.1 +0.5	A29A	Manning Farm,	9.35	52	P	Pn	00 06 33.9 +0.9	
K25A	Mack Ranch, Ha	4.86	100	P	Pn	00 05 31.3 -0.3	N29A	Votaw Ranch, W	7.75	108	P	Pn	00 06 11.2 0.0	H32A	Carlson Farm,	9.35	80	P	Pn	00 06 33.2 +0.1	
L25A	Engelbretsen Ra	4.92	105	P	Pn	00 05 32.9 +0.5	D28A	Regan	7.76	59	P	Pn	00 06 12.4 +1.1	COR	Corvallis	9.36	280	Pn	Pn	00 06 37.4 +4.2	
YBMT	Yellow Bay	4.93	330	ePn	Pn	00 05 34.8 +2.0	A26A	Wade Farm, Ken	7.82	45	P	Pn	00 06 12.6 +0.5	G03D	McMinnville, O	9.37	284	P	Pn	00 06 33.0 -0.3	
JTMT	Jette	4.95	328	ePn	Pn	00 05 34.4 +1.6	R27A	Eads	7.82	130	P	Pn	00 06 12.2 0.0	N32A	Stulken Farm,	9.40	104	P	Pn	00 06 34.2 +0.4	
H25A	Fruitdale	4.97	76	P	Pn	00 05 33.5 +0.5	F29A	Eureka	7.82	70	P	Pn	00 06 13.1 +1.0	I03D	Drain, OR	9.41	275	P	Pn	00 06 36.0 +2.2	
SMCO	Snowmass	5.12	149	ePn	Pn	00 05 35.7 +0.3	F29A	Sharon Springs	7.87	122	P	Pn	00 06 13.0 +0.2	CMB	Columbia Colle	9.42	237	ePn	Pn	00 06 34.9 +0.8	
SMCO	Peak	5.12	135	ePn	Pn	00 05 37.1 +0.4	T25A	Trinidad	7.91	143	P	Pn	00 06 14.4 +0.9	NEE2	Needles Airpor	9.44	207	ePn	Pn	00 06 35.9 +1.6	
SMCO					Sb	00 05 35.0 +5.1	J30A	Dallas	7.92	88	P	Pn	00 06 13.5 +0.1	Q31A	Ellis	9.45	115	P	Pn	00 06 34.9 +0.4	
M25A	Palm-Egeli Farm	5.15	113	P	Pn	00 05 36.1 +0.5	J30A	Fort Rock, OR	7.92	271	P	Pn	00 06 15.3 +1.7	T29A		9.46	130	P	Pn	00 06 34.5 -0.1	
BLMT	Blacktail Moun	5.20	329	ePn	Pn	00 05 37.6 +1.3	J05D	Basset	7.92	93	P	Pn	00 06 13.7 +0.2	M02C	Callahan	9.49	261	P	Pn	00 06 37.3 +2.3	
ISCO	Idaho Springs	5.22	135	P	Pn	00 05 37.0 +0.4	I30A	Oacoma	7.92	84	P	Pn	00 06 13.5 0.0	N02D	Trinity Center	9.52	258	P	Pn	00 06 36.4 +0.9	
ISCO	Idaho Springs	5.22	135	Pn	Pn	00 05 37.0 +0.6	NVAR	Mina Array Bea	7.93	232	Pn	Lg	00 08 23.4	LAZ	Ladron	9.54	164	ePn	Pn	00 06 36.2 +0.3	
G25A	Newell	5.22	70	P	Pn	00 05 37.0 +0.6	NVAR		1.2nm,0.3s,ba=50,slow=10,SNR=51	Lg		00 08 23.4	WDC	Whiskeytown Da	9.55	256	ePn	Pn	00 06 34.8 -0.1		
BSMT	Bassoon Peak	5.24	325	ePn	Pn	00 05 37.8 +1.0	NVAR		baz=46,slow=29,SNR=2.4	Lg		00 08 23.4	U28A	Mallet	9.55	136	P	Pn	00 06 36.1 +0.1		
MSU	Marysvale	5.29	196	ePn	Pn	00 05 36.5 -1.0	B27A	Pets Farms,	7.94	50	P	Pn	00 06 14.0 +0.3	S30A	Montezuma	9.61	125	P	Pn	00 06 35.9 -0.7	
J26A	Sides Ranch, S	5.32	91	P	Pn	00 05 38.4 +0.7	O29A	4D Ranch, Culb	7.95	113	P	Pn	00 06 13.8 -0.1	O32A	Brookman Farm,	9.61	106	P	Pn	00 06 36.6 -0.1	
K26A	Motz Farm, Whi	5.34	97	P	Pn	00 05 38.3 +0.2	I05D	Terrebonne, OR	7.95	279	P	Pn	00 06 14.1 +0.2	B30A	Myrvik Farm, E	9.66	56	P	Pn	00 06 38.4 +1.1	
PV04	Paradox Valley	5.34	168	ePn	Pn	00 05 38.3 +0.1	SHPR	Sheep Range	8.00	209	ePn	Pn	00 06 16.8 +2.1	P32A	Huiting Farm,	9.67	110	P	Pn	00 06 37.9 +0.4	
F25A	Bowman	5.43	63	P	Pn	00 05 40.2 +0.6	G05D	Wamic, OR	8.01	285	P	Pn	00 06 16.4 +1.8	GSC	Goldstone	9.68	213	P	Pn	00 06 39.3 +1.5	
I26A	New Underwood	5.45	83	P	Pn	00 05 40.2 +0.6	L30A	Spencer Herefo	8.01	98	P	Pn	00 06 15.0 +0.3	GSC	Goldstone	9.68	213	ePn	Pn	00 06 41.1 +3.3	
H26A	Fairpoint	5.55	77	P	Pn	00 05 41.7 +0.7	M30A	Dale-Ortello V	8.02	101	P	Pn	00 06 15.7 +0.8	L33A	Hoskins	9.72	94	P	Pn	00 06 39.2 +1.0	
L26A	Underwood Farm	5.59	104	P	Pn	00 05 41.6 +0.1	TPNV	Topopah Spring	8.04	216	P	Pn	00 06 17.5 +2.3	GMRC	Granite Mounta	9.74	207	P	Pn	00 06 39.6 +1.1	
PV01	Paradox Valley	5.65	165	ePn	Pn	00 05 42.2 -0.3	C28A	Hausauer Farms	8.10	56	P	Pn	00 06 16.6 +0.7	LPM	Los Pinos Moun	9.74	161	ePn	Pn	00 06 39.0 +0.4	
E25A	Miller Ranch,	5.71	57	P	Pn	00 05 42.6 -0.6	N30A	Hueffle Ranch,	8.13	107	P	Pn	00 06 16.9 +0.5	J33A	Davis	9.75	87	P	Pn	00 06 39.4 +0.9	
M26A	McRoberts Ranch	5.75	110	P	Pn	00 05 43.4 -0.4	P29A	Atwood	8.13	116	P	Pn	00 06 16.4 +0.1	PDMCI	Parker Dam,Lak	9.76	199	P	Pn	00 06 39.4 +0.7	
G26A	Maurine	5.80	71	P	Pn	00 05 44.7 +0.2	WUAZ	Wupatki	8.13	186	P	Pn	00 06 17.4 +0.8	R31A	Burdett	9.77	119	P	Pn	00 06 39.1 +0.2	
F26A	Lodgepole	5.92	65	P	Pn	00 05 46.5 +0.4	WUAZ	Wupatki	8.13	186	ePn	Pn	00 06 16.0 -0.5	EDM	Edmonton	9.81	349	ePn	Pn	00 06 38.7 -0.6	
WALA	Waterton Lakes	5.96	337	ePn	Pn	00 05 48.2 +1.5	E29A	Napoleon	8.14	65	P	Pn	00 06 16.5 0.0	L02D	Cave Junction,	9.83	266	P	Pn	00 06 41.2 +1.6	
N26A	Koester Ranch,	5.99	115	P	Pn	00 05 47.8 +0.7	G30A	Faulkton	8.18	76	P	Pn	00 06 17.3 +0.3	H33A	Prehn Over Nor	9.85	79	P	Pn	00 06 40.4 +0.4	
K27A	Flueckinger Fa	6.02	96	P	Pn	00 05 47.1 -0.3	S27A	Las Animas	8.21	134	P	Pn	00 06 17.4 -0.1	A30A	Hoffart Farm,	9.90	53	P	Pn	00 06 41.8 +1.3	
I27A	Quinn	6.03	83	P	Pn	00 05 47.8 +0.2	T26A	Comanche Natio	8.25	139	P	Pn	00 06 18.3 0.0	HEC	Hector,Ludlow	9.92	210				

W29A	Amrillo	10.84 139	P	Pn	00 06 55.1 +1.6
P34A	Walnut Farm, R	10.93 107	P	Pn	00 06 54.3 -0.4
BFS3	Mount Baldy Ra	10.95 214	P	Pn	00 06 57.0 +1.9
L35A	Bielow Farm, R	10.98 93	P	Pn	00 06 55.6 +0.1
M35A	Neola	11.04 96	P	Pn	00 06 55.8 -0.3
PFO	Pinyon Flat Ob	11.07 207	Pn	Pn	00 07 00.0 +3.3
PFO	0.0nm,0.3s,baz=105,slow=2.0,SNR=6.5	11.07 207	Pn	Lg	00 10 03.4
PFO	Pinyon Flat Ob	11.07 207	Pn	Pn	00 06 59.2 +2.4
K35A	Storm Lake	11.09 89	P	Pn	00 06 58.4 +1.5
GLA	Glamis	11.12 200	P	Pn	00 07 00.1 +2.7
GLA	Glamis	11.12 200	ePn	Pn	00 06 59.4 +2.0
AGMN	Agassiz Nation	11.12 60	P	Pn	00 06 58.6 +1.3
AGMN	Agassiz Nation	11.12 60	ePn	Pn	00 06 56.5 -0.8
MWC	Mount Wilson	11.13 215	ePn	Pn	00 07 00.2 +2.6
Q34A	Chapman	11.14 110	P	Pn	00 06 58.3 +0.8
S33A	Kaszmaw Farm,	11.16 118	P	Pn	00 06 57.8 0.0
PASC	Pasadena Art C	11.23 215	eP	Pn	00 07 03.2 +4.4
R34A	Isabella, Hill	11.25 114	P	Pn	00 06 59.0 -0.1
121A	Cookes Peak, D	11.26 169	P	Pn	00 07 00.2 +0.8
121A	Cookes Peak, D	11.26 169	ePn	Pn	00 06 59.1 -0.3
N35A	Tabor	11.26 99	P	Pn	00 06 60.0 +0.8
V31A	Spring Creek L	11.27 131	P	Pn	00 07 00.1 +0.8
O35A	Humboldt	11.28 102	P	Pn	00 06 59.7 +0.3
KSU1	Kansas State U	11.28 109	P	Pn	00 07 00.3 +0.8
KSU1	Kansas State U	11.28 109	ePn	Pn	00 06 58.9 -0.6
TUC	Jucson	11.30 182	ePn	Pn	00 07 00.4 +0.5
T33A	Patterson Ranc	11.32 121	P	Pn	00 07 00.4 +0.4
U32A	Winter Ranch,	11.32 126	P	Pn	00 06 59.8 -0.3
MURC	Murieta	11.34 210	P	Pn	00 06 59.7 -0.6
SWSC	Sam W. Stewart	11.48 204	P	Pn	00 07 04.0 +1.7
P35A	Duane Minner,	11.50 106	P	Pn	00 07 02.5 0.0
Y28A	McKinney Farm,	11.58 144	P	Pn	00 07 04.4 +0.7
W31A	Holland Ranch,	11.65 133	P	Pn	00 07 05.5 +0.9
S34A	Willow Spring	11.67 116	P	Pn	00 07 05.3 +0.5
MONP	Monument Peak	11.72 206	P	Pn	00 07 04.8 -0.9
V32A	Arapaho	11.76 128	P	Pn	00 07 06.0 0.0
X30A	Coker Ranch, T	11.76 138	P	Pn	00 07 06.4 +0.3
Q35A	Mercer Eighty,	11.79 109	P	Pn	00 07 05.8 -0.6
214A	Organ Pipe Nat	11.81 190	P	Pn	00 07 06.8 0.0
214A	Organ Pipe Nat	11.81 190	ePn	Pn	00 07 07.5 +0.8
U33A	Lingo Farm, Me	11.81 123	P	Pn	00 07 07.3 +0.5
Y29A	Porterfield Fa	11.87 142	P	Pn	00 07 09.0 +1.3
R35A	Emporia Municip	11.94 112	P	Pn	00 07 08.1 -0.4
CIS	Catalina Islan	11.98 214	P	Pn	00 07 11.2 +2.2
O36A	Bolckow	12.00 102	P	Pn	00 07 08.7 -0.6
T34A	McClaskey Farm	12.02 119	P	Pn	00 07 08.8 -0.8
P36A	Good Intent, A	12.03 104	P	Pn	00 07 09.6 -0.1
Z28A	Tucker Farm, M	12.06 146	P	Pn	00 07 10.2 0.0
X31A	McDonald Ranch	12.06 135	P	Pn	00 07 10.6 +0.4
W32A	Sentinel	12.07 131	P	Pn	00 07 10.0 -0.4
V33A	Lossen Ranch,	12.12 126	P	Pn	00 07 10.8 -0.3
Q36A	Arnold C. Orve	12.14 107	P	Pn	00 07 10.5 -0.7
U34A	Anderson Ranch	12.16 122	P	Pn	00 07 11.1 -0.5
U34A	Anderson Ranch	12.16 122	ePn	Pn	00 07 10.4 -1.2
S35A	Otter Creek Ra	12.20 114	P	Lg	00 07 12.0 -0.1
Y30A	Stafford Cattl	12.21 140	P	Pn	00 07 13.1 +0.9
Z29A	Hungry Hill Ra	12.37 144	P	Pn	00 07 15.6 +1.2
FFC	Flin Flon	12.38 23	ePn	Pn	00 07 11.9 -2.6
R36A	Gordon, Harris	12.41 110	P	Pn	00 07 14.0 -1.0
Y31A	Rekleia Farm,	12.45 137	P	Pn	00 07 15.8 +0.3
W33A	Caddo, Fort Co	12.49 129	P	Pn	00 07 16.0 -0.1
T35A	Sooner Cattle	12.51 118	P	Pn	00 07 15.6 -0.8
V34A	Guthrie	12.57 124	P	Pn	00 07 17.5 +0.3
V34A	Guthrie	12.57 124	ePn	Pn	00 07 16.4 -0.7
X32A	Elmer	12.58 193	P	Pn	00 07 17.0 -0.4
Z30A	Sanderson Ranc	12.60 142	P	Pn	00 07 17.9 +0.3
128A	Castleberry Fa	12.61 148	P	Pn	00 07 19.0 +1.3
WMOK	Wichita Mounta	12.62 131	ePn	Pn	00 07 15.9 -1.9
SPMN	St. Paul	12.66 77	P	Pn	00 07 17.8 -0.5
SPMN	St. Paul	12.66 77	ePn	Pn	00 07 16.2 -2.1
S36A	Lake Cedric, C	12.66 113	P	Pn	00 07 17.8 -0.6
U35A	Pawnee	12.71 120	P	Pn	00 07 18.8 -0.2
W34A	Bridge Creek,	12.83 127	P	Pn	00 07 20.0 -0.7
W34A	Bridge Creek,	12.83 127	ePn	Pn	00 07 19.3 -1.4
T36A	Boggs Farm, Ca	12.84 116	P	Pn	00 07 20.4 -0.4
129A	Stewart Farms,	12.84 146	P	Pn	00 07 22.5 +1.6
Q37A	Longview Farm,	12.88 106	P	Pn	00 07 20.3 -1.0
R37A	Teagarden Farm	12.88 109	P	Pn	00 07 19.9 -1.5
X33A	Lawton	12.92 131	P	Pn	00 07 21.6 -0.3
228A	UT Block 9, Go	13.02 149	P	Pn	00 07 23.6 +0.3
Z31A	Sharp Cattle R	13.03 139	P	Pn	00 07 23.3 -0.1
V35A	Meyer Ranch, C	13.03 122	P	Pn	00 07 23.3 -0.2
S37A	Fort Scott	13.16 111	P	Pn	00 07 23.9 -1.3
X34A	Smith Ranch, M	13.25 129	P	Pn	00 07 26.2 -0.2
Y33A	Hilltop Ranch,	13.25 132	P	Pn	00 07 26.7 +0.2
130A	Snyder	13.25 143	P	Pn	00 07 28.1 +1.6
U36A	Oologah	13.33 118	P	Pn	00 07 27.0 -0.5
Z32A	Haskell	13.36 137	P	Pn	00 07 28.3 +0.3
W35A	Tecumseh	13.42 125	P	Pn	00 07 27.8 -1.0
T37A	Cheneyville 18	13.44 114	P	Pn	00 07 27.3 -1.7

131A	Roby	13.45 141	P	Pn	00 07 29.6 +0.4
229A	Bryant Ranch,	13.45 147	P	Pn	00 07 30.9 +1.7
V36A	Jenks	13.57 120	P	Pn	00 07 29.5 -1.2
TUL1	Tulsa	13.59 120	P	Pn	00 07 29.9 -1.1
TUL1	Tulsa	13.59 120	ePn	Pn	00 07 28.6 -2.4
U37A	Salina	13.72 117	P	Pn	00 07 32.1 -0.7
Z33A	Whitaker Ranch	13.74 135	P	Pn	00 07 33.0 0.0
Y34A	Reagan Ranch,	13.76 130	P	Pn	00 07 32.7 -0.7
230A	Sterling City	13.80 145	P	Pn	00 07 35.4 +1.4
329A	Wagon Wheel Ra	13.81 149	P	Pn	00 07 34.5 +0.3
W36A	Wetumka	13.82 123	P	Pn	00 07 33.4 -0.8
ABTX	Abilene, Hawle	13.83 139	P	Pn	00 07 34.7 +0.2
ABTX	Abilene, Hawle	13.83 139	ePn	Pn	00 07 34.0 -0.5
EYMN	Ely	13.85 65	P	Pn	00 07 34.8 +0.2
EYMN	Ely	13.85 65	ePn	Pn	00 07 34.5 -0.1
X35A	Drake	13.88 127	P	Pn	00 07 34.5 -0.6
V37A	Hulbert	14.02 118	P	Pn	00 07 36.6 -0.3
231A	Bronte	14.10 142	P	Pn	00 07 37.8 -0.3
Z34A	Collier Ranch,	14.12 132	P	Pn	00 07 38.4 +0.1
X36A	Centrahoma	14.13 125	P	Pn	00 07 37.4 -1.1
U38A	Gravette	14.18 115	P	Pn	00 07 38.0 -1.1
330A	Mertzon	14.20 146	P	Pn	00 07 38.7 -0.7
133A	Hamilton Ranch	14.20 137	P	Pn	00 07 38.4 -1.0
Y35A	Marietta	14.20 129	P	Pn	00 07 38.4 -1.0
232A	Coleman	14.44 141	P	Pn	00 07 41.7 -1.1
V38A	Canehill	14.50 117	P	Pn	00 07 42.2 -1.3
Z35A	Perchaven, San	14.51 131	P	Pn	00 07 42.9 -0.8
331A	San Angelo	14.59 144	P	Pn	00 07 44.3 -0.5
429A	Davenport Ranc	14.62 150	P	Pn	00 07 44.6 -0.6
BBB	Bella Bella	14.63 312	Pn	Pn	00 07 47.8 +2.6
BBB	0.2nm,0.3s,baz=234,slow=1.9,SNR=2.5	14.63 312	Pn	Lg	00 11 50.7
Y36A	Durant	14.64 127	P	Pn	00 07 44.5 -0.9
134A	White-Moore Ra	14.65 135	P	Pn	00 07 45.7 +0.1
JFWS	Jewell Farm	14.68 86	ePn	Pn	00 07 41.9 -3.9
233A	Rising Star	14.69 138	P	Pn	00 07 45.2 -1.0
X37A	Clayton	14.71 123	P	Pn	00 07 45.8 -0.5
430A	Baggett Ranch,	14.72 147	P	Pn	00 07 46.4 -0.2
332A	Millersview	14.83 142	P	Pn	00 07 47.7 -0.3
W38A	Poteau	14.92 120	P	Pn	00 07 48.0 -1.3
529A	Stev Forest Ra	14.95 152	P	Pn	00 07 49.6 -0.1
Y37A	Hugo	14.97 125	P	Pn	00 07 49.6 -0.4
X38A	Whitesboro	14.99 121	P	Pn	00 07 49.3 -0.9
Z36A	Blue Ridge	15.01 129	P	Pn	00 07 50.1 -0.3
135A	Vickery Place,	15.02 133	P	Pn	00 07 50.4 -0.1
431A	Sonora	15.06 146	P	Pn	00 07 51.1 -0.1
234A	Clairette	15.08 136	P	Pn	00 07 51.2 -0.1
333A	Richland Sprin	15.22 140	P	Pn	00 07 53.2 -0.1
TXAR	Lajitas Array	15.23 157	Pn	Pn	00 07 54.3 +0.8
TXAR	0.5nm,0.3s,baz=308,slow=2.7,SNR=3.9	15.23 157	Pn	Lg	00 12 19.6
432A	Menard	15.24 143	P	Pn	00 07 53.0 -0.5
530A	J-C Ranch, Com	15.25 149	P	Pn	00 07 52.5 -1.2
COWI	Coover	15.25 73	ePn	Pn	00 07 51.6 -2.0
WHTX	Lake Whitney	15.43 134	P	Pn	00 07 55.5 -0.5
WHTX	Lake Whitney	15.43 134	ePn	Pn	00 07 54.5 -1.5
WHTX	1.9nm,0.6s	15.43 134	ePn	Lg	00 12 20.8
531A	Rocksprings	15.54 147	P	Pn	00 07 58.2 +0.6
Y38A	Idabel	15.54 123	P	Pn	00 07 56.3 -1.2
136A	Ennis	15.55 131	P	Pn	00 07 58.0 +0.4
334A	Lometa	15.57 138	P	Pn	00 07 57.5 -0.4
JCT	Junction City	15.57 144	P	Pn	00 07 58.5 +0.5
JCT	Junction City	15.57 144	ePn	Pn	00 07 57.9 -0.1
433A	Art	15.65 141	P	Pn	00 07 58.7 -0.3
532A	Rocksprings	15.84 145	P	Pn	00 08 01.6 +0.2
MIAR	Blot Ida	15.86 119	P	Pn	00 08 00.5 -1.1
MIAR	Mount Ida	15.86 119	ePn	Pn	00 07 59.2 -2.4
Z38A	Mt. Pleasant,	15.86 126	P	Pn	00 08 01.5 -0.1
137A	Heron Place, G	15.89 129	P	Pn	00 08 02.4 +0.4
236A	Katherine and	15.92 132	P	Pn	00 08 00.8 -1.5
Y39A	Lockesburg	15.93 122	P	Pn	00 08 01.7 -0.8
HDIL	Hopedale	15.94 94	P	Pn	00 07 59.7 -2.9
HDIL	Hopedale	15.94 94	ePn	Pn	00 07 59.1 -3.5
SLM	St Louis	15.95 101	ePn	Pn	00 08 01.6 -1.2
434A	Burnet	15.98 139	P	Pn	00 08 02.9 -0.4
335A	Moody	16.02 136	P	Pn	00 08 03.6 -0.1
631A	Perdido Creek	16.20 148	P	Pn	00 08 06.2 +0.2
138A	Matatal Enter	16.23 127	P	Pn	00 08 06.0 -0.3
336A	Riese	16.23 134	P	Pn	00 08 06.2 -0.2
533A	Kerrville	16.26 143	P	Pn	00 08 06.2 -0.7
237A	Waretilla, Mont	16.31 130	P	Pn	00 08 06.8 -0.6
435B	Jarrell	16.34 137	P	Pn	00 08 07.5 -0.4
632A	Uvalde	16.43 146	P	Pn	00 08 09.1 +0.1
UALR	University of	16.50 116	ePn	Pn	00 08 08.2 -1.6
534A	Blanco	16.55 141	P	Pn	00 08 09.9 -0.6
139A	Bunkhouse Ranc	16.62 126	P	Pn	00 08 11.3 0.0
238A	Jacksonville	16.69 129	P	Pn	00 08 12.3 +0.1
633A	Saathoff Ranch	16.73 144	P	Pn	00 08 13.3 +0.5

436A	Wall Ranch, Ga	16.75 136	P	Pn	00 08 14.0 +1.0
535A	Dale	16.97 139	P	Pn	00 08 16.6 +0.8
437A	Phantom Ranch,	17.04 134	P	P	00 08 17.7 -0.8
732A	Laxson Ranch,	17.05 147	P	Pn	00 08 16.4 -0.3
239A	Gary	17.05 127	P	Pn	00 08 17.1 +0.2
338A	Crockett	17.07 131	P	Pn	00 08 17.1 0.0
SIUC	Southern Illin	17.08 103	ePn	Pn	00 08 16.1 -1.0
PARMO	Parma	17.20 107	ePn	Pn	00 08 16.9 -1.8
733A	Divot King Ran	17.33 146	P	Pn	

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like CN2 Changchun, ARU Arti, TLY Talaya, ZALV Zalesovo Beam, etc.

IDC 05 00:16:19.5:0.7, 6:19S; 150:47E, h0km, mb4.0/12, mb1 4.2/14, mb1mx4.1/32, mbtmp4.1/14, ML2.5/1, Error ellipse: s-maj=25.6km s-min=14.7km az=98.0

ISCJB 05 00:16:24.3:0.4, 6:27S; 0:05:150:38E:0.0, h48km, mb4.3/17, Error ellipse: s-maj=11.2km s-min=6.8km az=18.5

NEIC 05 00:16:25.0:1.9, 6:27S; 150:38E, h39km, 17km, mb4.7/6, Error ellipse: s-maj=15.3km s-min=11.6km az=75.0

AUST 05 00:16:28.0, 6:19S; 150:13E, h0km, n48, ISC 05 00:16:26.2:0.6, 6:24S; 0:07:150:40E:0.09, h48km, n48, c0566:50, mb4.3/17, New Britain region

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like RABL Rabaul, PMG Port Moresby, QIS Mount Isa, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like BVAR Borovoye Array, NV01 Mina Array Sit, etc.

IDC 05 00:18:01.4:1.5, 30:54S; 177:52W, h0km, mb4.3/4, mb1 4.4/5, mb1mx4.0/19, mbtmp4.2/5, ML3.5/1, Error ellipse: s-maj=41.6km s-min=23.6km az=123.0

ISC 05 00:18:06.2:1.5, 30:70S; 0:08:177:6W:0.2, h33km, n13, c1930:15, mb4.3/4, Keradec Islands

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like RAO Raoul Island, RAO Kurchatov, etc.

AUST 05 00:22:33.0:25.0, 5:76S; 151:24E, h0km, Error ellipse: s-maj=2.8km s-min=2.1km az=44.0

IDC 05 00:22:39.7:1.0, 6:37S; 150:81E, h0km, mb4.0/8, mb1 4.2/9, mb1mx4.0/19, mbtmp4.0/9, ML2.5/1, Error ellipse: s-maj=14.9km s-min=19.5km az=118.0

ISCJB 05 00:22:43.0:0.7, 6:39S; 0:10:150:7E:0.1, h36km, mb3.8/7, Error ellipse: s-maj=19.2km s-min=9.5km az=35.9

ISC 05 00:22:45.1:0.8, 6:55S; 0:1:150:9E:0.2, h36km, n19, c1929:19, mb3.9/7, New Britain region

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like PMG Port Moresby, QIS Mount Isa, KDU Kakadu, etc.

ISCJB 05 00:34:47.3:1.5, 15:2N; 0:2:54:7E:0.2, h10km, mb3.8/9, Error ellipse: s-maj=34.0km s-min=21.6km az=168.7

IDC 05 00:34:47.8:1.9, 15:18N; 54:74E, h0km, mb3.8/9, mb1 3.9/9, mb1mx3.5/67, mbtmp3.9/9, Error ellipse: s-maj=42.0km s-min=26.9km az=170.0

ISC 05 00:34:49.3:1.7, 15:22N; 0:3:54:7E:0.2, h10km, n15, c071:19, mb4.0/9, Owen Fracture Zone region

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like GEYT Alikebe, H08N2 Diego Garcia H, etc.

IDC 05 00:37:18.7:0.9, 45:58N; 153:26E, h0km, mb3.8/16, mb1 4.0/17, mb1mx3.8/59, mbtmp3.8/17, ML2.5/1, MS4.4/1, Ms1 4.4/1, ms1mx3.5/52, Error ellipse: s-maj=24.5km s-min=16.8km az=171.0

ISCJB 05 00:37:23.6:0.9, 45:9N; 0:2:153:3E:0.1, h35km, mb3.8/17, MS4.4/1, Error ellipse: s-maj=23.0km s-min=7.7km az=160.1

MOS 05 00:37:23.8:1.6, 45:79N; 153:36E, h44km, mb4.1/12, Error ellipse: s-maj=20.8km s-min=12.1km az=82.7

ISC 05 00:37:25.8:1.2, 45:93N; 0:2:153:3E:0.1, h35km, n37, STC 05 00:37:23.6:0.9, 45:9N; 0:2:153:3E:0.1, h35km, n37, Error of Kuril Islands

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like KUR Kuril'sk, KUR Kuril'sk, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like KUR comp=Z.77nm,0.5s, KUR comp=N.27nm,0.2s, etc.

IDC 05 00:44:42.2:1.5, 6:34S; 151:39E, h0km, mb3.9/6, mb1 4.1/7, mb1mx3.9/33, mbtmp4.0/7, ML2.0/1, Error ellipse: s-maj=56.6km s-min=21.2km az=112.0

ISCJB 05 00:44:46.2:1.1, 6:35S; 0:2:151:1E:0.2, h30km, mb3.8/6, Error ellipse: s-maj=35.5km s-min=11.6km az=39.2

ISC 05 00:44:47.3:1.3, 6:45S; 0:2:151:3E:0.2, h30km, n8, c1962:9, mb3.9/6, New Britain region

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, etc.

IDC 05 00:47:04.7:3.5, 5:90S; 150:91E, h0km, mb3.9/2, mb1 4.2/2, mb1mx3.6/31, mbtmp4.0/2, Error ellipse: s-maj=130.7km s-min=48.1km az=119.0, New Britain region

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 05 00:48:04.0:0.9, 5:84S; 150:90E, h0km, mb4.4/6, mb1 4.6/7, mb1mx4.2/19, mbtmp4.5/7, ML1.8/1, Error ellipse: s-maj=29.5km s-min=21.9km az=109.0

ISCJB 05 00:48:07.8:0.9, 5:95S; 0:1:150:8E:0.1, h43km, mb4.1/7, Error ellipse: s-maj=23.2km s-min=11.4km az=137.1

ISC 05 00:48:09.3:0.8, 5:95S; 0:1:150:8E:0.1, h43km, n11, c1944:13, mb4.4/7, New Britain region

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, etc.

5d 1h

Table of astronomical observations for 5 days and 1 hour, listing station names, coordinates, and observation details.

2010 AUG

Main table of astronomical observations for August 2010, listing station names, coordinates, and observation details.

240

Table of astronomical observations for 240 stations, listing station names, coordinates, and observation details.

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

IDC 05 01:22:29.6-4.3, 6.54S-150.69E, h0km, mb3.4/2, mb1 3.8/2, mb1mx3.4/18, mbtmp3.5/2, Error ellipse: s-maj=175.2km s-min=52.2km az=120.0, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Warramunga Arr, Alice Springs, Torodi Ar. Bea, etc.

IDC 05 01:28:13.3-13.3, 5.75S-150.48E, h0km, mb3.7/2, mb1 4.0/2, mb1mx3.5/34, mbtmp3.8/2, Error ellipse: s-maj=150.1km s-min=46.2km az=118.0, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Warramunga Arr, Alice Springs, Torodi Ar. Bea, etc.

IDC 05 01:31:53.3-2.7, 5.99S-151.00E, h0km, mb4.0/3, mb1 4.1/5, mb1mx3.7/20, mbtmp4.0/5, ML1.8/1, Error ellipse: s-maj=75.5km s-min=40.8km az=113.0, New Britain region

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

IDC 05 01:35:28.3-0.8, 3.04S-100.94E, h0km, mb4.0/12, mb1 1/13, mb1mx3.8/50, mbtmp4.0/13, ML1.7/1, Error ellipse: s-maj=36.2km s-min=14.6km az=116.0, New Britain region

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

IDC 05 01:35:35.6-0.6, 2.89S-107.101E, h0km, mb4.0/10, MLV4.4/10, NEIC 05 01:35:35.7-1.0, 2.98S-101.08E, h52km, 9km, mb4.2/1, Error ellipse: s-maj=21.0km s-min=6.9km az=50.0

IDC 05 01:35:35.6-0.6, 2.89S-107.101E, h0km, n36, r=120/34, mb4.0/15, Southern Sumatra

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

1.0nm, 0.6s, baz=290, slow=1.0, SNR=22

DSN 05 01:40:25.3-2.4, 2.735N-53.41E, h15km, mb3.4/6, ML4.4/5, Error ellipse: s-maj=32.0km s-min=9.6km az=1.0

Code Station Name Az Phase ID Time Res. Includes stations like Ghir-Karzin, Bandar-Abbas, etc.

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Code Station Name Az Phase ID Time Res. Includes stations like Ghir-Karzin, Bandar-Abbas, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mucha, Heining Village, Nan Shan, etc.

TAP 05 01:43:32.0, 24.66N-121.67E, h9km, ML2.4, B JMA 05 01:43:31.9-0.3, 24.63N-121.64E, h23km, M2.7

Code Station Name Az Phase ID Time Res. Includes stations like Mucha, Heining Village, Nan Shan, etc.

Code Station Name Az Phase ID Time Res. Includes stations like Mucha, Heining Village, Nan Shan, etc.

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Code Station Name Az Phase ID Time Res. Includes stations like Mucha, Heining Village, Nan Shan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Te Kaha, Puketiti, Black Hill Sta, etc.

IDC 05:02:03:16.1.2.1.5.65S-150.79E, h0km, mb3.7/3, mb1.4/1.3, mb1mx3.6/3.1, mbtmp3.8/3, MS3.6/1, Ms1 3.6/1, ms1mx2.8/2.5, Error ellipse: s-maj=149.0km s-min=28.0km az=125.0, New Britain region

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

BUJ 05:02:09:34.7.4.88Sx131.191E, h62km, mb4.8/2.0, mb4.9/12, Ms4.7/8, Ms7 4.3/8

ISCJB 05:02:09:35.0.2.4.88S:0.03x131.07E:0.03, h61km, mb4.4/2.1, Error ellipse: s-maj=4.6km s-min=3.7km az=157.2

AUST 05:02:09:35.6.4.98Sx131.02E, h35km, NEIC 05:02:09:36.7.0.9.4.88S:130.92E, h53km, mb4.7/10, Error ellipse: s-maj=9.4km s-min=6.1km az=77.0

IDC 05:02:09:36.9.2.8.82S:130.85E, h51km, mb4.1/1.5, mb1.4/3/1.8, mb1mx4.1/3.6, mbtmp4.4/1.8, ML4.5/3, MS3.3/1, Ms1 3.3/1, ms1mx2.7/3.0, Error ellipse: s-maj=24.8km s-min=10.0km az=71.0

DJA 05:02:09:38.4.0.3.5.3x131.1E, h51km, mb4.0/1.4, mb5.4/6, mb4.1/ML4.5/1.0, MW(MB)4.9/6

ISC 05:02:09:37.4.0.4.4.86S:0.04x131.08E:0.05, h61km, n101, c1946/111, mb4.5/2.1, D, Banda Sea

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BNDI, FAKI, MASAI, etc.

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Hallett, NWA0, RKGY, etc.

Table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SPSI, BKSI, WRA, etc.

IDC 05:02:23:23.8.1.1.6.26S:150.65E, h0km, mb3.8/5, mb1.4/0.6, mb1mx3.7/3.5, mbtmp3.8/6, ML1.8/1, Error ellipse: s-maj=71.3km s-min=21.0km az=125.0

ISCJB 05:02:23:27.7.1.0.6.33S:0.3x150.50E:0.3, h33km, mb3.6/4, Error ellipse: s-maj=61.2km s-min=11.6km az=135.2

ISC 05:02:23:29.0.1.0.6.35S:0.3x150.50E:0.4, h33km, n8, c0884/9, mb3.6/4, New Britain region

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

IDC 05:02:26:41.8.0.9.1.87N:96.50E, h0km, mb3.9/11, mb1.4/1/1.2, mb1mx3.8/3.8, mbtmp4.0/1.2, ML4.5/1, Error ellipse: s-maj=20.5km s-min=5.2km az=36.0

ISCJB 05:02:26:44.2.0.8.1.9N:0.1x96.6E:0.1, h28km, mb4.0/1.1, Error ellipse: s-maj=19.6km s-min=12.4km az=145.1

ISC 05:02:26:46.2.1.0.2.0N:0.1x96.6E:0.2, h28km, n19, c0551/13, mb4.1/1.1, Off west coast of northern Sumatra

Table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PSI, CMAR, H0S3, etc.

IDC 05:02:48:60.0.4.0.5.90S:150.78E, h0km, mb3.2/2, mb1.3/6.2, mb1mx3.3/1.9, mbtmp3.3/2, Error ellipse: s-maj=173.1km s-min=48.1km az=119.0, New Britain region

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

mb1.4.2/21,mb1mx4.1/33,mbtmp4.0/21,ML3.2/3,MS2.9/2,
M1.2.9/2,ms1mx2.5/36,Error ellipse: s-maj=19.9km
s-min=15.2km az=153.0
JMA 05 03:35:37.4,0.7,46:10N:153.38E,h30km,M4.7
ISCJB 05 03:35:35.3,0.5,45:89N:0.07:153.07E:0.07,h35km,
mb4.0/25,MS2.9/2,Error ellipse: s-maj=12.2km
s-min=4.0km az=148.4
SKHL 05 03:35:35.9,0.7,46:12N:153.29E,h36km,5km,mb4.5/7
MOS 05 03:35:36.2,1.3,46:07N:153.16E,h39km,mb4.2/7,Error
ellipse: s-maj=12.7km s-min=9.8km az=70.1
NEIC 05 03:35:37.8,0.5,46:00N:153.11E,h35km,mb4.2/3,Error
ellipse: s-maj=13.9km s-min=6.9km az=148.0

ISC 05 03:35:37.2,0.7,46.04N:0.09:153.13E:0.07,h35km,n93,
c=200/78,mb4.0/24,3C-1D,Kuril Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
KUR	Kuril'sk	3.78	259	i/Pn	03 36 34.8	+1.9
KUR	KUR			Pn	03 37 17.8	+1.7
KUR	comp=Z,532nm,0.5s			pmax		
KUR	comp=N,198nm,0.2s			pmax		
KUR	comp=E,67nm,0.2s			smax		
KUR	comp=N,155nm,0.5s			smax		
KUR	comp=E,66nm,0.5s			smax		
KUR	Kuril'sk	3.78	259	i/Pn	03 36 34.8	+1.9
KUR	KUR			Pn	03 36 35.1	
KUR	comp=E,210nm,0.4s			AMB		
KUR	comp=E,67nm,0.4s			AMB		
KUR	comp=E,53nm,0.4s			AMB		
KUR	comp=E,155nm,0.4s			AMB		
KUR	comp=E,66nm,0.4s			AMB		
SKR	Severo-Kuril'sk	5.05	22	e/Pn	03 36 49.1	-1.2
SKR	SKR			Pn		
SKR	comp=N,30nm,0.5s			pmax		
SKR	comp=E,30nm,0.5s			pmax		
SKR	comp=Z,70nm,0.5s			MLR		
SKR	comp=E,80nm,14.0s			MLR		
SKR	comp=Z,60nm,14.0s			MLR		
SKR	Severo-Kuril'sk	5.05	22	e/Pn	03 36 49.1	-1.2
SKR	SKR			Pn	03 36 54.4	
SKR	comp=Z,30nm,0.5s			AMB		
SKR	comp=Z,70nm,0.5s			AMB		
SKR	comp=Z,140nm,0.4s			eS		
SKR	comp=Z,150nm,0.4s			A		
SKR	comp=Z,40nm,0.4s			A		
YUK	Yuzh-Kuril'sk	5.53	251	c/Pn	03 36 57.9	+1.0
YUK	YUK			Pn		
YUK	comp=N,134nm,0.3s			pmax		
YUK	comp=E,87nm,0.3s			pmax		
YUK	comp=Z,244nm,0.3s			pmax		
YUK	Yuzh-Kuril'sk	5.53	251	i/Pn	03 36 57.9	+1.0
YUK	YUK			Pn	03 37 08.2	
YUK	comp=Z,130nm,0.3s			AMB		
YUK	comp=Z,87nm,0.3s			AMB		
YUK	comp=Z,244nm,0.3s			AMB		
YUK	comp=Z,90nm,0.6s			iS		
YUK	comp=Z,115nm,0.6s			A		
NEM2	Nemuro 2	5.91	246	Pn	03 37 00.4	-1.7
PAU	Pauzhetka	5.95	23	e/Pn	03 37 01.1	-1.9
PAU	PAU			Pn	03 37 01.7	-1.5
PAU	comp=Z,20nm,0.4s			AMB		
PAU	PAU			eS		
JRA	Rausu	6.05	253	Pn	03 37 05.1	+0.9
JNK	Nakash	6.47	251	Pn	03 37 10.3	+0.5
JNK	JNK			eS		
JAK	Akkeshi	6.75	246	Pn	03 38 22.3	0.0
JTRK	Abashiri-Toko	6.86	256	Pn	03 38 24.9	-4.5
JAR	Ashorobuto	7.21	251	Pn	03 37 16.3	+1.1
JAR	JAR			Pn	03 37 20.3	+0.5
JMP	Maruseppu	7.21	257	Pn	03 38 40.2	-0.5
YSS	Yuzh-Sakhalins	7.22	281	e/Pn	03 37 21.5	+1.4
YSS	YSS			Pn	03 37 25.0	+4.9
YSS	comp=Z,20nm,0.7s			pmax		
YSS	Yuzh-Sakhalins	7.22	281	e/Pn	03 37 23.0	+2.9
YSS	YSS			AMB		
YSS	comp=Z,20nm,0.7s			AMB		
JOB	Onbets	7.35	248	Pn	03 37 21.4	-0.5
JOB	JOB			eS		
HRK	Horoka	7.57	254	Pn	03 38 41.0	-3.1
PETK	Petropavlovsk-	7.67	21	Pn	03 37 27.5	+2.5
PETK	PETK			Pn	03 37 26.4	+0.2
JKK2	Kamakawa 2	7.68	257	Pn	03 37 28.1	+1.7
ASAJ	Asahikawa 2	7.70	259	Pn	03 37 29.0	+2.3
ASAJ	ASAJ			ePn	03 37 25.9	-0.8
JCH	Churui	7.79	247	Pn	03 37 27.6	-0.4
JCH	JCH			eS		
PET	Petropavlovsk	7.85	25	Pn	03 38 51.1	-3.9
PET	PET			Pn	03 37 27.3	-1.5
PET	PET			Pn	03 37 28.0	
PET	comp=Z,10.0nm,0.3s			AMB		
PET	PET			eS		
PET	comp=Z,400nm,0.5s			A		
MYR	Moyori	8.01	246	erx	03 37 29.3	
JEM	Erimo	8.23	244	ePn	03 39 46.3	-6.6
ERM	Ermo	8.23	244	ePn	03 37 33.7	-0.4
ERM	ERM			pmax		
ERM	comp=Z,25nm,0.4s			eS		
ERM	Ermo	8.23	244	ePn	03 37 34.7	+0.6
ERM	Ermo	8.23	244	ePn	03 37 33.7	-0.4
ERM	ERM			eS		
ERNB	Urakawa-nobuka	8.35	247	Pn	03 39 00.0	-5.8
JNBK	JNBK			eS		
JNBK	Noboribetsu	9.38	252	eS	03 39 03.5	-5.2
JKB	Kayabe	9.66	249	eS	03 39 14.4	-2.6
JKB	JKB			eS		
JYM2	Yakumo 2	9.98	251	Pn	03 39 33.8	-6.9
JANG	Nango	10.19	240	Pn	03 37 57.3	-0.7
JANG	JANG			Pn	03 37 56.8	-4.1
JANG	JANG			eS		
JTM	Tenmabayashi	10.22	243	Pn	03 39 44.1	-10
JTM	JTM			Pn	03 37 58.4	-2.5
JOSM	Okushiri-Mats	10.59	253	Pn	03 39 46.3	-8.3
OFJU	Ofunato	10.94	235	Pn	03 38 07.2	-3.9
ORJG	Rokugo	11.33	239	eS	03 38 12.8	-3.7
JIO	Ouri	11.55	233	Pn	03 38 15.4	-4.1
JIO	JIO			Pn	03 40 15.1	-11
MJAR	Matsushiro Arr	14.67	235	Pn	03 38 58.1	-4.0
MAT	Matsushiro	14.67	235	P	03 39 08.9	+1.0
KLR	Kul'dur	14.75	290	erx	03 39 14.2	+5.5
KLR	Kul'dur	14.75	290	erx	03 39 14.2	+5.5
EKMR	Ekimchan	14.83	306	eP	03 39 08.5	-1.1
EKMR	EKMR			AMB		
EKMR	comp=Z,4.0nm,0.6s			AMB		
USRK	Ussuriysk Arr	15.03	271	Pn	03 39 06.7	-0.1
BMKR	Bomnak	17.68	308	eP	03 39 41.0	+1.0
BMKR	BMKR			AMB		
BMKR	comp=Z,3.0nm,0.6s			AMB		
KROS	Kirovskiy	18.63	306	eP	03 39 52.3	+0.3
KROS	KROS			AMB		
KROS	comp=Z,2.0nm,0.5s			AMB		

KSRS	Korea Array	20.61	254	P	Pn	03 40 16.2	+0.6
KSRS	KSRS			P	Pn	03 40 16.2	+0.6
KSRS	comp=Z,2.2nm,0.6s,baz=55,slow=10,SNR=9.0			pmax			
KSRS	Korea Array	20.61	254	P	Pn	03 40 16.2	+0.6
KSRS	KSRS			pmax			
KSAR	Wonju Array Be	20.64	254	P	Pn	03 40 16.2	+0.2
KSAR	KSAR			eP			
KSAR	Wonju Array Be	20.64	254	P	Pn	03 40 16.2	+0.2
KSAR	KSAR			Pn			
YAK	Yakutsk	20.92	328	P	Pmax	03 40 15.4	-1.0
YAK	YAK			pmax			
BOD	Bodaibo	26.45	311	eP	Pmax	03 41 06.4	-4.1
BOD	BOD			pmax			
BOD	comp=Z,3.0nm,1.0s						
H11N2	WAKE ISLAND Hy	28.59	152	T	T	04 11 10.5	
H11N1	WAKE ISLAND Hy	28.60	152	T	T	04 11 17.8	
H11N3	WAKE ISLAND Hy	28.61	152	T	T	04 11 11.5	
H11S1	WAKE ISLAND Hy	29.67	153	T	T	04 12 35.2	
H11S3	WAKE ISLAND Hy	29.68	153	T	T	04 12 32.6	
H11S2	WAKE ISLAND Hy	29.69	153	T	T	04 12 33.6	
SOMN	Songino Array	31.58	290	P	P	03 41 56.5	+0.1
BPAW	Bear Paw Mtn	35.30	39	eP	P	03 42 29.4	+1.0
ILAR	Eielson Array	37.10	38	P	P	03 42 44.5	+0.7
ILAR	ILAR			Pn			
EGAK	Eagle	39.55	38	eP	P	03 43 05.1	+0.8
TGY	Tagaytay Island Hy	41.79	231	LR	LR	03 59 07.3	
INIK	Inuvik	42.24	32	P	P	03 43 28.3	+1.9
ZALV	Zalesovo Beam	43.03	306	P	P	03 43 31.8	-1.2
MKAR	Makanchi Array	47.28	298	P	P	03 44 07.7	+0.7
MKAR	Makanchi Array	47.28	298	eP	Pmax	03 44 07.6	+0.7
MKAR	MKAR			pmax			
BRVK	Borovyoye	51.36	310	i/P	P	03 44 38.1	+0.2
BRVK	BRVK			pmax			
BRVK	comp=Z,2.0nm,0.8s						
YKA	Yellowknife Arr	51.48	36	P	P	03 44 39.9	+1.2
ARCES	ARCESS Array B	58.52	341	P	P	03 45 30.5	+1.0
ARCES	ARCESS Array B	58.52	341	eP	P	03 45 30.8	+1.4
ABKAR	Abkulk array	58.89	310	eP	P	03 45 33.3	+1.0
NVAR	Mina Array Bea	62.75	62	P	P	03 45 59.9	+0.9
FINES	FINESS Array B	64.68	335	P	P	03 46 12.1	+1.1
PDAR	Pinedale Array	65.16	54	P	P	03 46 15.1	+0.4
WRA	Warramunga Arr	67.85	199	P	P	03 46 31.6	-0.2
NB2	NORSAR Subarra	68.90	341	P	P	03 46 38.9	+0.9
NOA	NORSAR Array B	68.90	341	P	P	03 46 39.1	+1.2
NOA	NOA			LR	LR	04 19 11.0	
KBZ	Khabaz	71.36	314	eP	P	03 46 53.8	+0.5
ASAR	Alice Springs	71.54	199	P	P	03 46 54.5	0.0
ASAR	Alice Springs	71.54	199	eP	P	03 46 57.0	+2.5
AKASA	Main Array Be	72.72	326	P	P	03 46 58.9	+1.1
CLL	Collin	77.11	336	i/P	Pmax	03 47 31.3	+4.7
CLL	CLL			pmax			
CLL	comp=Z,2.0nm,0.5s						
CLL	Collin	77.11	336	i/P	P	03 47 31.3	+4.7
TXAR	Lajitas Array	77.83	60	P	P	03 47 31.8	+0.7
KHC	Kasperske Hory	78.88	334	eP	P	03 47 40.5	+4.0
KHC	KHC						

Table with columns: THZ, Topohuse, 6.96, 50, PN, Pn, 04 33 45.1, -0.2, QRZ, Quartz Range, 7.47, 43, PN, Pn, 04 33 50.6, -1.7

SJA 05 04:33:08.0.8.0.32.99S:72.34W, h33km, ML3.4, MW3.5
GUC 05 04:33:08.5.0.4.32.59S:71.72W, h41km, ML3.1, MW3.4
ISC 05 04:33:08.6.2.1.32.73S:0.04:71.75W, 0.09, h8km, 12km, n24, c172/35, Near coast of central Chile

Main table for station data, columns: Code, Station Name, Az, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

IDC 05 04:37:38.1.0.5.6.94S:150.85E, h0km, mb4.6/24, mb1.4/7.26, mb1mx4.6/38, mbtmp4.6/26, ML3.2, MS3.6/7, Ms1.3.6/7, ms1mx3.3/37, Error ellipse: s-maj=17.0km s-min=11.7km az=93.0

ISCJBJ 05 04:37:42.3.0.3.6.98S:0.04:150.76E, 0.06, h40km, mb4.6/36, MS3.6/5, Error ellipse: s-maj=9.3km s-min=4.8km az=22.9

NEIC 05 04:37:43.3.0.2.7.00S:150.79E, h35km, mb4.9/17, Error ellipse: s-maj=8.2km s-min=4.7km az=109.0

AUST 05 04:37:44.2.0.6.66S:150.65E, h0km, ISC 05 04:37:43.9.0.4.6.97S:0.06:150.82E, 0.08, h40km, n80, c091/83, mb4.7/35, MS3.5/5, New Britain region

Main table for station data, columns: Code, Station Name, Az, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: MJAR, Matushiro Arr, 44.87, 346, P, P, 04 45 52.9, -1.6

Main table for station data, columns: Code, Station Name, Az, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

SJA 05 04:41:18.1.0.7.32.68S:72.21W, h10km, ML3.5, MW3.9
ISCJBJ 05 04:41:22.2.1.5.32.70S:0.06:72.0W, 0.2, h11km, 23km, Error ellipse: s-maj=27.7km s-min=6.5km az=161.2

GUC 05 04:41:25.6.0.6.32.67S:71.78W, h40km, ML3.5
ISC 05 04:41:23.9.0.2.32.73S:0.04:71.84W, 0.09, h4km, 12km, n26, c130/38, 3C-1D, Near coast of central Chile

Main table for station data, columns: Code, Station Name, Az, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Main table for station data, columns: Code, Station Name, Az, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

IDC 05 04:42:44.4.1.6.7.11S:151.01E, h0km, mb3.6/5, mb1.3/9.5, mb1mx3.7/36, mbtmp3.7/5, Error ellipse: s-maj=66.2km s-min=24.0km az=112.0

ISCJBJ 05 04:42:48.6.1.5.7.25S:0.2:150.9E, 0.4, h40km, mb3.6/4, Error ellipse: s-maj=57.7km s-min=21.0km az=23.1

ISC 05 04:42:50.2.1.6.7.25S:0.2:151.0E, 0.4, h40km, n6, c084/86, mb3.6/4, New Britain region

Main table for station data, columns: Code, Station Name, Az, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

IDC 05 04:44:42.0.1.7.07S:151.10E, h0km, mb3.9/9, mb1.4/1.10, mb1mx4.0/36, mbtmp4.0/10, ML1.7/1, MS2.8/1, Ms1.2.8/1, ms1mx2.5/40, Error ellipse: s-maj=37.6km s-min=18.3km az=103.0

IDC 05 04:50:02.1.0.8, 6'12S, 151.47E, h0km, mb4, 1/9, mb1 4.3/10, mb1mx4.0/39, mbtmp4.1/10, ML2.0/1, MS3.4/2, Ms1 3.4/2, ms1mx2.8/40, Error ellipse: s-maj=33.6km s-min=17.9km az=114.0

ISCJJB 05 04:50:06.1.0.8, 6'25S.0.1x151.4E.0.2, h1km, mb4.0/9, MS3.8/1, Error ellipse: s-maj=30.4km s-min=12.7km az=30.7

ISC 05 04:50:08.2.0.9, 6'25S.0.2x151.3E.0.2, h41km, n15, r159/14, mb4.2/8, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, RPZ Rata Peaks, etc.

ISK 05 04:50:43.6, 35.79N, 31.25E, h9km, MD3.3

CSEM 05 04:50:45.6, 31.1, 35.77N, 31.19E, h20km, MD3.2, Error ellipse: s-maj=4.2km s-min=3.0km az=44.0

NIC 05 04:50:48.5, 36.02N, 31.79E, h15km, ML3.3

DDA 05 04:50:52.6, 36.06N, 30.63E, h28km, MD3.2

HLW 05 04:50:53.4, 35.33N, 31.05E, h33km, 17km, MD3.2, MI3.4

ISC 05 04:50:46.5.1.1, 35.78N.0.04x31.21E.0.03, h32km, 13km, n69, c070/84, 4C, Cyprus region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include AKMC Akamas, ALFC Alevega, AKAS Kas, AKDN Akdeniz, etc.

az=146.5, IDC 05 04:52:47.7, 7.0.5, 17.39S, 70.17W, h104km, 4km, mb4, 1/13, mb1 4.2/16, mb1mx4.1/27, mbtmp4.5/16, MS2.8/2, Ms1 2.9/2, ms1mx2.6/22, Error ellipse: s-maj=15.3km s-min=12.5km az=65.0

NEIC 05 04:52:47.3, 0.3, 17.37S, 70.28W, mb4, 7/56, Error ellipse: s-maj=9.5km s-min=6.6km az=29.0

NEIC Felt [I] at Moquegua. Also felt at Arequipa and Tacna. Felt at Arica, Chile.

GUC 05 04:52:48.2, 0.6, 17.69S, 70.23W, h124km, 7km, ML5.0

ISC 05 04:52:46.9, 9.0.5, 17.44S, 0.04, 70.24W, 0.06, h100km, 4km, n100km, 4, n375, c089/389, mb4.6/70, 3C-1D, Near coast of Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include ARE Arequipa, MMIMC Minimimi, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Time Res, h m s, ISC. Rows include Z38A Mt. Pleasant, 333A Richland Sprin, 432A Menard, etc.

U34A	Anderson Ranch	59.48 335	P	P	05 02 39.1 -0.4
T35A	Sooner Cattle	59.48 336	P	P	05 02 38.9 -0.6
Y28A	McKinley Farm,	59.49 329	P	P	05 02 38.5 -1.2
S37A	Fort Scott	59.58 338	P	P	05 02 39.4 -0.8
SFIN	Scholer Farm	59.63 345	P	P	05 02 38.3 -2.0
SFIN	Scholer Farm	59.63 345	eP	P	05 02 38.0 -2.3
X29A	Tulia	59.66 330	P	P	05 02 39.6 -1.3
U33A	Lingo Farm, Me	59.71 334	P	P	05 02 40.2 -0.9
S36A	Lake Cedric, C	59.84 337	P	P	05 02 41.2 -0.7
T34A	McClaskey Farm	59.84 335	P	P	05 02 41.7 -0.3
V31A	Spring Creek L	59.90 332	P	P	05 02 42.2 -0.2
X28A	Dimmitt	59.96 330	P	P	05 02 41.8 -1.2
U32A	Winter Ranch,	60.04 333	P	P	05 02 42.7 -0.7
S35A	Otter Creek Ra	60.08 336	P	P	05 02 43.1 -0.5
MMNV	Mt. Matisse	60.29 353	eP	P	05 02 44.2 -0.6
R36A	Gordon, Harris	60.33 337	P	P	05 02 44.6 -0.7
HDIL	Hopedale	60.36 343	P	P	05 02 43.5 -1.9
HDIL	Hopedale	60.36 343	eP	P	05 02 43.0 -2.4
S34A	Willow Spring	60.40 336	P	P	05 02 45.2 -0.6
Q37A	Longview Farm,	60.44 338	P	P	05 02 45.4 -0.6
R35A	Emporia Municip	60.59 337	P	P	05 02 46.2 -0.8
Q36A	Arnold C. Orve	60.88 338	P	P	05 02 48.3 -0.7
R34A	Isabella, Hill	60.97 336	P	P	05 02 49.1 -0.5
Q35A	Mercer Eighty,	61.00 337	P	P	05 02 49.4 -0.4
U29A	Oasis Ranch, S	61.10 332	P	P	05 02 50.0 -0.6
MDV	Middlebury	61.20 358	eP	P	05 02 49.1 -1.9
R33A	Olander Ranch,	61.27 335	P	P	05 02 51.5 -0.2
S31A	Mullinville	61.30 334	P	P	05 02 51.9 0.0
121A	Cookes Peak, D	61.33 324	P	P	05 02 51.8 -0.6
P36A	Good Intent, A	61.37 337	P	P	05 02 51.2 -1.0
K51U	Kansas State U	61.42 338	P	P	05 02 52.1 -0.5
U28A	Mallet	61.48 331	P	P	05 02 52.5 -0.7
P35A	Duane Minner,	61.58 338	P	P	05 02 52.5 -1.2
R32A	Long Quarter,	61.66 335	P	P	05 02 53.7 -0.6
T29A	Hugoton	61.70 332	P	P	05 02 54.0 -0.6
Q36A	Bolkow	61.74 339	P	P	05 02 53.7 -1.0
Q33A	Connelly Farm,	61.80 336	P	P	05 02 54.2 -1.0
R31A	Burdett	61.88 334	P	P	05 02 55.0 -0.8
P34A	Walnut Farm, R	61.90 337	P	P	05 02 55.4 -0.4
S29A	Ulysses	62.00 333	P	P	05 02 55.9 -0.7
T28A	Walsh	62.04 331	P	P	05 02 56.1 -0.8
Q32A	Mettler Ranch,	62.09 335	P	P	05 02 56.5 -0.6
Q35A	Humboldt	62.19 338	P	P	05 02 56.9 -0.9
R30A	Dighton	62.19 334	P	P	05 02 57.6 -0.3
S28A	Manter	62.33 332	P	P	05 02 58.3 -0.6
LAZ	Ladron	62.38 326	eP	P	05 02 56.9 -2.5
Q34A	Beatrice	62.40 337	P	P	05 02 59.0 -0.2
CBK5	Cedar Bluff	62.41 334	P	P	05 02 59.1 -0.2
CBK5	Cedar Bluff	62.41 334	eP	P	05 02 59.8 +0.4
Q31A	Ellis	62.44 335	P	P	05 02 59.7 +0.2
ANMO	Albuquerque	62.44 327	eP	P	05 02 58.1 -1.6
Q33A	Hebron	62.64 337	P	P	05 03 00.1 -0.7
P32A	Hutting Farm,	62.64 336	P	P	05 03 00.4 -0.4
Q30A	Quinter	62.75 334	P	P	05 03 01.4 -0.2
T26A	Comanche Natio	62.77 330	P	P	05 03 01.3 -0.6
JFW5	Jewell Farm	62.82 344	P	P	05 03 00.0 -1.9
P31A	Stockton	62.87 335	P	P	05 03 02.0 -0.3
R28A	Tribune	62.91 332	P	P	05 03 02.4 -0.3
N34A	Lincoln	62.91 338	P	P	05 03 01.4 -1.1
Q32A	Grockman Farm,	63.07 336	P	P	05 03 03.2 -0.4
M35A	Neola	63.18 339	P	P	05 03 03.3 -1.0
R27A	Eads	63.30 332	P	P	05 03 04.3 -1.0
Q28A	Sharon Springs	63.51 333	P	P	05 03 06.2 -0.4
M34A	Aspy Farms, Fr	63.52 338	P	P	05 03 06.1 -0.5
L35A	Bielow Farm, R	63.70 339	P	P	05 03 07.0 -0.8
M33A	Taylor Creek F	63.80 338	P	P	05 03 07.7 -0.8
K5C0	Kaye Sheddock'	63.82 332	P	P	05 03 08.2 -0.5
214A	Organ Pipe Nat	63.86 320	P	P	05 03 08.5 -0.5
L34A	Svendsen Farm	63.86 339	P	P	05 03 07.9 -0.8
BGNE	Belgrade	64.01 337	P	P	05 03 09.4 -0.5
BGNE	Belgrade	64.01 337	eP	P	05 03 09.0 -0.8
SDCO	Great Sand Dun	64.14 329	P	P	05 03 11.1 +0.1
SDCO	Great Sand Dun	64.14 329	eP	P	05 03 10.6 -0.4
M35A	Storm Lake	64.14 340	P	P	05 03 10.2 -0.4
M31A	Lambtech Ranch	64.27 336	P	P	05 03 11.1 -0.4
VNA1	Neumayer-Stat	64.51 161	P	P	05 03 14.0 +1.4
J35A	Milford	64.71 340	P	P	05 03 13.6 -0.7
O27A	Beecher Island	64.72 333	P	P	05 03 14.9 +0.3
N28A	Pribbeno Ranch	64.74 334	P	P	05 03 14.7 0.0
S22A	4UR Ranch, Cre	64.79 329	P	P	05 03 15.2 -0.1
J34A	George	64.88 340	P	P	05 03 15.3 -0.1
L31A	Butterfield Fa	64.93 337	P	P	05 03 15.9 +0.1
K32A	Verdigris	65.03 338	P	P	05 03 15.8 -0.6
L30A	Spencer Herefo	65.07 336	P	P	05 03 16.6 -0.1
Davis	Davis	65.26 339	P	P	05 03 17.3 -0.5

M28A	Bar X Bar Ranc	65.26 335	P	P	05 03 18.0 -0.1
ECSD	EROS Data Cent	65.50 339	P	P	05 03 18.9 -0.6
ECSD	EROS Data Cent	65.50 339	eP	P	05 03 18.3 -1.2
COWI	Conover	65.52 346	eP	P	05 03 18.7 -0.8
I34A	Hadley	65.52 340	P	P	05 03 19.2 -0.4
J32A	Parkston	65.61 338	P	P	05 03 19.3 -0.8
K30A	Basset	65.65 337	P	P	05 03 20.1 -0.4
SPMN	St. Paul	65.66 343	P	P	05 03 19.4 -1.0
SPMN	St. Paul	65.66 343	eP	P	05 03 18.4 -1.9
ISCO	Idaho Springs	65.82 331	P	P	05 03 22.0 0.0
ISCO	Idaho Springs	65.82 331	eP	P	05 03 20.2 -1.7
SMCO	Snowmass	65.97 329	eP	P	05 03 23.5 +0.5
I32A	Karley and Nic	66.05 339	P	P	05 03 22.7 -0.3
H34A	Spellman Lake,	66.06 340	P	P	05 03 22.4 -0.6
J30A	Dallas	66.17 337	P	P	05 03 23.2 -0.6
K28A	Ten Mile Ranch	66.37 335	P	P	05 03 25.3 +0.2
SNA4	Sanae	66.50 161	P	P	05 03 26.4 +0.8
SNA4	Sanae	66.50 161	eP	P	05 03 26.4 +0.8
J29A	Okreek	66.55 337	P	P	05 03 26.5 +0.3
BC3	Big Chuckawall	66.64 320	P	P	05 03 26.8 -0.3
K27A	Flueckinger Fa	66.71 335	P	P	05 03 27.5 +0.2
MONP	Monument Peak	66.73 319	P	P	05 03 28.5 +0.7
IRM	Iron Mountain	66.80 320	P	P	05 03 28.2 +0.2
N23A	Red Feather La	66.84 331	P	P	05 03 28.5 +0.2
J28A	Allard Ranch,	66.92 336	P	P	05 03 28.7 +0.2
O27A	Elkhorn Farm,	67.08 335	P	P	05 03 30.0 +0.4
O20A	White River Ci	67.33 329	P	P	05 03 31.9 +0.4
O20A	White River Ci	67.33 329	eP	P	05 03 32.2 +0.8
I28A	Midland	67.38 336	P	P	05 03 31.1 -0.4
H29A	Onida	67.55 337	P	P	05 03 32.2 -0.3
J26A	Sides Ranch, S	67.56 335	P	P	05 03 32.8 +0.2
G30A	Faulkton	67.60 338	P	P	05 03 33.3 +0.5
SRU	DeRafael	67.71 327	eP	P	05 03 33.5 -0.3
I27A	Quinn	67.78 336	P	P	05 03 34.0 0.0
EYMN	Ely	67.82 345	P	P	05 03 33.0 -1.0
EYMN	Ely	67.82 345	eP	P	05 03 32.6 -1.4
H28A	Mission Ridge	67.89 337	P	P	05 03 34.4 -0.2
G28A	Parade	68.19 337	P	P	05 03 36.6 +0.1
SHPR	Sheep Range	68.40 322	eP	P	05 03 38.6 +0.4
F29A	Eureka	68.45 338	P	P	05 03 37.9 -0.1
K22A	Casper	68.50 332	P	P	05 03 38.4 -0.2
K22A	Casper	68.50 332	eP	P	05 03 37.1 -1.5
TIC	Toumoudi	68.70 75	eP	P	05 03 40.5 +0.2
E30A	Jud	68.71 339	P	P	05 03 39.7 0.0
F28A	McLaughlin	68.81 338	P	P	05 03 40.4 +0.1
G27A	Dupe	68.83 337	P	P	05 03 40.3 -0.2
KIC	Kosan Boka	68.85 76	eP	P	05 03 41.1 -0.2
DBIC	Darrington	68.86 76	P	P	05 03 41.3 0.0
G26A	Maurine	69.02 336	P	P	05 03 41.4 -0.2
J22A	Midwest	69.08 333	P	P	05 03 41.6 -0.6
D30A	Buchanan	69.19 340	P	P	05 03 42.5 -0.1
F27A	Lemmon	69.28 337	P	P	05 03 43.3 +0.1
AGMN	Agassiz Nation	69.33 342	P	P	05 03 42.7 -0.7
AGMN	Agassiz Nation	69.33 342	eP	P	05 03 42.9 -0.6
H24A	Dirks Ranch, A	69.34 335	P	P	05 03 43.3 -0.5
TPNV	Topopah Spring	69.34 322	P	P	05 03 45.2 +1.2
J21A	Lysle	69.46 332	P	P	05 03 44.8 +0.2
I22A	9 Mile Ranch,	69.47 333	P	P	05 03 44.5 0.0
MPMC	Manual Prospec	69.49 321	P	P	05 03 44.8 -0.2
F26A	Lodgepole	69.51 336	P	P	05 03 44.8 +0.1
C30A	Mose, Pekin	69.62 340	P	P	05 03 45.4 +0.2
DUG	Dugway	69.70 326	P	P	05 03 46.7 +0.6
DUG	Dugway	69.70 326	eP	P	05 03 47.4 +1.3
J20A	Shoshoni	69.76 332	P	P	05 03 47.3 +0.9
I21A	Big Trails, Te	69.76 332	P	P	05 03 46.3 -0.1
G24A	Alzada	69.76 335	P	P	05 03 46.8 +0.5
ISA	Isabella	69.83 320	P	P	05 03 47.8 +0.9
F25A	Bowman	69.88 336	P	P	05 03 47.0 0.0
R11A	Troy Canyon, C	69.92 323	P	P	05 03 48.7 +1.2
R11A	Troy Canyon, C	69.92 323	eP	P	05 03 47.1 -0.4
E26A	Carlson Angon	69.95 337	P	P	05 03 47.7 +0.3
PDAR	Pinedale Array	69.99 330	P	P	05 03 47.8 -0.1
MDND	Maddock	70.11 339	P	P	05 03 48.3 0.0
F24A	Ekalaka	70.20 335	P	P	05 03 48.9 0.0
B30A	Myrick Farm, E	70.22 341	P	P	05 03 48.7 -0.2
I20A	Worldand	70.24 332	P	P	05 03 49.2 -0.1
H21A	Big Horn, Sher	70.30 333	P	P	05 03 49.5 -0.1
VES	Vestal, Richgr	70.33 319	P	P	05 03 50.1 +0.3
F25A	Miller Ranch,	70.33 336	P	P	05 03 49.8 0.0
E23A	Volborg	70.49 335	P	P	05 03 50.3 -0.4
B29A	Wagenman Farm,	70.57 340	P	P	05 03 50.5 -0.5
H20A	Greybull	70.61 332	P	P	05 03 51.1 -0.4
TPH	Tonopah	70.67 322	eP	P	05 03 52.6 +0.4
I19A	Miesetsee	70.70 331	P	P	05 03 52.2 0.0
D25A	Fairfield	70.84 337	P	P	05 03 53.1 +0.3
F22A	Rosebud	70.88 334	P	P	05 03 53.3 +0.3

B28A	Dugan Ranch, T	70.89 339	P	P	05 03 52.8 -0.2
A29A	Manning Farm,	70.93 340	P	P	05 03 52.7 -0.5
LOHW	Long Hollow	71.13 330	eP	P	05 03 54.2 -0.6
B27A	Peters Farms,	71.16 339	P	P	05 03 54.9 +0.3
H19A	Powell	71.19 332	P	P	05 03 55.2 +0.1
G20A	Brigger	71.28 333	P	P	05 03 55.3 -0.3
E22A	Miles City	71.29 335	P	P	05 03 55.5 0.0
MOOW	Moose Ponds	71.30 330	eP	P	05 03 55.8 0.0
FXWY	Fox Creek	71.35 330	eP	P	05 03 56.8 +0.6
IMW	Indian Meadow	71.50 330	eP	P	05 03 56.7 -0.5
FLWY	Flagg Ranch	71.53 330	eP	P	05 03 58.0 +0.8
NVAR	Mina Array Bea	71.54 322	P	P	05 03 58.5 +1.1
NVAR	Mina Array Bea	71.54 322	pP	P	05 04 24.8 +1.9
RLMT	Red Lodge	71.67 332	P	P	05 03 58.1 +0.1
RLMT	Red Lodge	71.67 332	eP	P	05 03 58.3 +0.3
F20A	Billings	71.70 333	P	P	05 03 58.1 +0.1
E21A	Keefer Ranch,	71.83 334	P	P	05 03 58.8 0.0
SCHO	Schefferville	72.04 2	P	P	05 03 58.9 -0.8
DGMT	Dagmar	72.27 337	P	P	05 04 01.7 +0.4
HLID	Hailey	72.96 328	P	P	05 04 06.5 +0.8</

Table with columns for station name, frequency, power, and other technical details. Includes stations like XMIS Christmas Isla, KASI Kota Agung, KSNH Namhae, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PSI Prapat, TIA Tai'an, GSI Gunungsitoli, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CD2 Chengdu, HLK Haleakala, POHA Pohakuioa, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like Daman, Vanda, Polavaram, Gorkha, Scott Base, Koldanda, Srikalahasti, Rikitea, Nagarjunasagar, Racherla, Srisailem, Chignoli, Hyderabad, Urumqi, Srimamsagar, Urvakonda, Killari, Makanchi Array, Makanchi Array, Zalesovo Beam, Purkeypille, Rabbit Creek A, Palmer, Kashi, Novosibirsk, Samwill, Thorofare Moun, Bear Paw Mtn., McKinley, McKinley, Divide, Tokmak 2, Tokmak 2, Kyzart, Kurchatov, Kurchatov, Bremer River, Kurchatov Arra, Mawson, Mawson, Uchtor, College, College, South Pole Pk, Oshpenovka, Eielson Array, Coldfoot, Almayashu, Erkin-Say, Erkin-Say, Erkin-Say.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like Mentasta, Eagle, Haines Junction, Kararay Array, Skagway, Borovoye Array, Borovoye, Dease Lake, Inuvik, Horse Mountain, Cave Junction, Drain, Callahan, Neilton Lookout, Trinity Center, Hull Mountain, Whiskeytown Dam, Yreka Blue Hor, Yreka Blue Hor, Syowa Base, Tendick Farm, Umpqua Nationa, Macdoel, Chiloquin, Fort Rock, Terrebonne, Columbia Colle, Simmler, Peak Mountain, Santa Cruz Isl, Modoc, Laguna Peak, Walker, Vestal, Richgr, Arvin, San Clemente I, Mammoth Lakes, Catalina Islan, Isabella, Isabella, Isabella, Fort Macarthur, Hanford, Green Verdugo, Pasadena Art C, Mount Wilson, Mount Wilson, Tinemaha, Edwards Air Fo, Mina Array Bea, Cottonwood Cre, BFSC Mount Baldy Ra, ABKAR Akbulak arry, Darwin (Calif), Darwin (Calif), Manual Prospec, Murrieta, Camp Elliot, M, Grapevine Rang, Edison Barstow, Tonopah, Tonopah, Big Solar, Battle Mountai, Battle Mountai, Goldstone, Goldstone, Goldstone, Goldstone, Grapevine Cree, Monument Peak, Pinyon Flat Ob, Pinyon Flat Ob, Pinyon Flat Ob.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like Pinyon Flat Ob, Hector Ludlow, Newport, Newport, Shoshone, Arti, Camas Ranch, Iron Mountain, Landfair, Needles Range, Elko, Elko, Elko, Glamis, Glamis, Needles Airpor, Blythe, Yellowknife Ar, Parker Dam, Lak, Hailey, Hailey, Missoula, Missoula, Watson Lakes, Edmonton, Edmonton, Cedar City, Big Grassy Moun, Organ Pipe Nat, Organ Pipe Nat, Mckenzie Canyo, Dugway, Dugway, Hansel Valley, Hansel Valley, Marysvalle, Marysvalle, North Lily Min, Holter Researc, Bozeman (W), Bozeman (W), Hardware Ranch, Wupatki, Wupatki, Trail Mountai, Indian Meadow, Teton Pass, Red Top Meadow, Moose Ponds, Flagg Ranch, Tucson, Tucson, Tucson, Tucson, Sanae, Sanae, Sanae, Sanae, Long Hollow, San Rafael, San Rafael, Boulder Array, Pinedale Array, Pinedale Array.

RLMT	Red Lodge	101.42	45	Pdiff	Pdiff	05 23 11.1 +0.7
RLMT	Red Lodge	101.42	45	ePdiff	Pdiff	05 23 10.1 -0.3
H19A	Powell	101.64	46	Pdiff	Pdiff	05 23 11.9 +0.5
J19A	Crowheart	101.66	47	Pdiff	Pdiff	05 23 11.9 +0.4
I19A	Meeteetse	101.67	46	Pdiff	Pdiff	05 23 12.1 +0.6
VNA1	Neumayer-Stat	102.16	187	P	Pdiff	05 23 20.1 +7.3
I20A	Worland	102.30	46	Pdiff	Pdiff	05 23 14.7 +0.5
MVCO	Mesa Verde	102.32	53	Pdiff	Pdiff	05 23 15.3 +0.6
MVCO	Mesa Verde	102.32	53	ePdiff	Pdiff	05 23 14.5 -0.2
H20A	Greyh1	102.36	46	Pdiff	Pdiff	05 23 14.4 0.0
J20A	Shoshoni	102.36	47	Pdiff	Pdiff	05 23 14.4 -0.2
O20A	White River Ci	102.41	50	Pdiff	Pdiff	05 23 14.8 -0.1
O20A	White River Ci	102.41	50	ePdiff	Pdiff	05 23 14.7 -0.3
J21A	Lysite	102.83	47	Pdiff	Pdiff	05 23 16.8 +0.1
I21A	Big Trails, Te	102.91	47	Pdiff	Pdiff	05 23 16.8 -0.2
121A	Cookes Peak, D	103.03	58	Pdiff	Pdiff	05 23 18.8 +1.0
121A	Cookes Peak, D	103.03	58	ePdiff	Pdiff	05 23 20.0 +2.2
H21A	Big Horn, Sher	103.03	46	Pdiff	Pdiff	05 23 17.5 0.0
SMCO	Snowmass	103.44	51	ePdiff	Pdiff	05 23 19.9 +0.1
I22A	9 Mile Ranch,	103.48	46	Pdiff	Pdiff	05 23 19.5 0.0
G22A	Birney	103.51	45	Pdiff	Pdiff	05 23 19.4 -0.1
J22A	Midwest	103.53	47	Pdiff	Pdiff	05 23 19.9 +0.2
K22A	Casper	103.55	48	Pdiff	Pdiff	05 23 20.2 +0.3
K22A	Casper	103.55	48	ePdiff	Pdiff	05 23 19.6 -0.3
S22A	4UR Ranch, Crs	103.63	53	Pdiff	Pdiff	05 23 21.4 +0.9
ANMO	Albuquerque	104.06	56	eP	Pdiff	05 23 24.3 +1.9
ANMO	Albuquerque	104.06	56	ePdiff	Pdiff	05 23 24.3 +1.9
F23A	Volborg	104.08	44	Pdiff	Pdiff	05 23 22.8 +0.7
N23A	Red Feather, L	104.12	49	Pdiff	Pdiff	05 23 23.0 +0.4
K23A	Bowen Ranch, D	104.20	48	Pdiff	Pdiff	05 23 22.9 +0.1
ISCO	Idaho Springs	104.45	51	eP	Pdiff	05 23 24.8 +0.7
ISCO	Idaho Springs	104.45	51	ePdiff	Pdiff	05 23 24.2 +0.1
ISCO	Idaho Springs	104.45	51	ePdiff	Pdiff	05 23 24.8 +0.7
SDCO	Great Sand Dun	104.68	53	Pdiff	Pdiff	05 23 25.5 +0.3
I24A	Kuemertel Ranc	104.83	46	Pdiff	Pdiff	05 23 25.3 -0.2
PMSA	Palmer Station	104.85	165	ePdiff	Pdiff	05 23 26.4 +1.5
A25A	Svangstu Ranch	105.23	41	PKIKP	PKIKP	05 27 41.7 +0.7
C25A	Freed Ranch, W	105.31	42	PKIKP	PKIKP	05 27 41.9 +0.6
D25A	Fairfield	105.35	43	PKIKP	PKIKP	05 27 42.2 +0.8
E25A	Miller Ranch,	105.38	44	PKIKP	PKIKP	05 27 41.6 +0.1
F25A	Bowman	105.41	44	PKIKP	PKIKP	05 27 42.7 +1.2
J25A	Sunshine Ranch	105.47	47	PKIKP	PKIKP	05 27 42.4 +0.6
A26A	Wade Farm, Ken	105.94	41	PKIKP	PKIKP	05 27 43.0 +0.7
D26A	Manning	105.96	43	PKIKP	PKIKP	05 27 42.7 +0.2
F26A	Lodgepole	105.97	44	PKIKP	PKIKP	05 27 42.7 +0.1
K26A	Motz Farm, Whi	106.00	47	PKIKP	PKIKP	05 27 42.8 0.0
J26A	Sides Ranch, S	106.01	47	PKIKP	PKIKP	05 27 43.2 +0.4
E26A	Carlson Angus	106.02	43	PKIKP	PKIKP	05 27 43.0 +0.4
G26A	Maurine	106.09	45	PKIKP	PKIKP	05 27 43.1 +0.3
F27A	Regan	106.41	44	PKIKP	PKIKP	05 27 43.7 +0.3
C27A	Saylor Ranch,	106.48	42	PKIKP	PKIKP	05 27 44.1 +0.6
B27A	Peters Farms,	106.53	41	PKIKP	PKIKP	05 27 43.7 +0.3
G27A	Dupree	106.55	45	PKIKP	PKIKP	05 27 43.6 -0.1
I27A	Quinn	106.65	46	PKIKP	PKIKP	05 27 43.7 -0.1
TXAR	Lajitas Array	106.66	61	Pdiff	Pdiff	05 23 37.1 +3.2
TXAR	comp=Z,1.0nm,0.9s,baz=257,slow=3.7,SNR=6.7			PKIKP	PKIKP	05 27 45.2 +0.9
TXAR	comp=Z,1.1nm,0.9s,baz=265,slow=1.0,SNR=9.7			PKIKPbc	PKIKPbc	05 39 00.7 -3.3
TXAR	comp=Z,0.2nm,0.7s,baz=95,slow=1.0,SNR=2.3			PKKPab	PKKPab	05 39 18.2 -0.8
K27A	Flueckinger Fa	106.69	47	PKIKP	PKIKP	05 27 43.4 -0.6
N27A	Anderson Farm,	106.70	49	PKIKP	PKIKP	05 27 44.0 -0.1
R27A	Eads	106.76	52	PKIKP	PKIKP	05 27 45.4 +1.1
J27A	Elkhorn Farm,	106.79	47	PKIKP	PKIKP	05 27 45.7 +1.5
A28A	Rude Farm, Bot	107.09	41	PKIKP	PKIKP	05 27 45.4 +0.4
B28A	Dugan Ranch, T	107.11	41	PKIKP	PKIKP	05 27 45.4 +0.9
D28A	baz=107	107.19	42	PKIKP	PKIKP	05 27 45.6 +0.8
C28A	Hausauer Farms	107.22	42	PKIKP	PKIKP	05 27 45.4 +0.6
F28A	McLaughlin	107.26	44	PKIKP	PKIKP	05 27 45.7 +0.8
I28A	Midland	107.29	46	PKIKP	PKIKP	05 27 45.5 +0.5
H28A	Mission Ridge	107.29	45	PKIKP	PKIKP	05 27 45.3 +0.3
G28A	Parade	107.30	45	PKIKP	PKIKP	05 27 45.4 +0.3
K28A	Ten Mile Ranch	107.33	47	PKIKP	PKIKP	05 27 45.6 +0.4
ARC5	ARCESS Array B	107.38	342	PKIKP	PKIKP	05 27 45.2 +0.8
T28A	Walsh	107.42	53	PKIKP	PKIKP	05 27 46.0 +0.4
P28A	Saint Francis	107.43	51	PKIKP	PKIKP	05 27 46.0 +0.5
N28A	Pribbeno Ranch	107.46	49	PKIKP	PKIKP	05 27 45.9 +0.3
MDND	Madlock	107.72	42	PKIKP	PKIKP	05 27 46.1 +0.4
A29A	Manning Farm,	107.75	41	PKIKP	PKIKP	05 27 46.4 +0.7
B29A	Wagenman Farm,	107.77	41	PKIKP	PKIKP	05 27 46.0 +0.3
H29A	Onida	107.87	45	PKIKP	PKIKP	05 27 46.2 +0.1
D29A	Pettibone, Tap	107.87	43	PKIKP	PKIKP	05 27 46.2 +0.2
I29A	Vivian Onida	107.90	46	PKIKP	PKIKP	05 27 46.5 +0.3
F29A	Eureka	107.93	44	PKIKP	PKIKP	05 27 47.0 +0.8
G29A	Hoven	107.98	44	PKIKP	PKIKP	05 27 46.8 +0.6

J29A	Okreek	107.98	46	PKIKP	PKIKP	05 27 47.0 +0.7
329A	Wagon Wheel Ra	108.00	59	PKIKP	PKIKP	05 27 46.9 +0.1
X29A	baz=108	108.00	56	PKIKP	PKIKP	05 27 46.9 +0.2
129A	Stewart Farms,	108.01	58	PKIKP	PKIKP	05 27 47.5 +0.8
T29A	Hugoton	108.06	53	PKIKP	PKIKP	05 27 48.4 +1.3
Z29A	Hungry Hill Ra	108.10	57	PKIKP	PKIKP	05 27 47.3 +0.3
429A	Davenport Ranc	108.13	60	PKIKP	PKIKP	05 27 47.1 +0.1
S29A	Ulysses	108.15	52	PKIKP	PKIKP	05 27 47.0 +0.1
A30A	Hoffart Farm,	108.35	40	PKIKP	PKIKP	05 27 47.5 +0.7
D30A	Buchanan	108.42	42	PKIKP	PKIKP	05 27 47.5 +0.4
B30A	Myrvik Farm, E	108.44	41	PKIKP	PKIKP	05 27 46.6 -0.4
E30A	Jud	108.44	43	PKIKP	PKIKP	05 27 47.1 0.0
C30A	Mose, Pekin	108.49	42	PKIKP	PKIKP	05 27 47.6 +0.4
G30A	Faulkton	108.53	44	PKIKP	PKIKP	05 27 47.7 +0.4
N30A	Hueftle Ranch,	108.53	49	PKIKP	PKIKP	05 27 48.3 +0.8
I30A	Oacoma	108.54	46	PKIKP	PKIKP	05 27 47.9 +0.5
Z30A	Sanderson Ranc	108.58	57	PKIKP	PKIKP	05 27 48.0 +0.2
J30A	Dallas	108.59	46	PKIKP	PKIKP	05 27 48.0 +0.5
P30A	Selden	108.59	50	PKIKP	PKIKP	05 27 48.0 +0.3
M30A	Dale-Ortello V	108.60	48	PKIKP	PKIKP	05 27 48.0 +0.4
K30A	Basset	108.61	47	PKIKP	PKIKP	05 27 48.4 +0.9
530A	J-C Ranch, Com	108.64	60	PKIKP	PKIKP	05 27 48.7 +0.7
U30A	WK&E Inc. Balk	108.65	54	PKIKP	PKIKP	05 27 48.1 +0.2
430A	Baggett Ranch,	108.69	60	PKIKP	PKIKP	05 27 48.4 +0.3
T30A	Plains	108.69	53	PKIKP	PKIKP	05 27 48.8 +0.9
Q30A	Quinter	108.69	51	PKIKP	PKIKP	05 27 48.6 +0.7
R30A	Dighton	108.73	52	PKIKP	PKIKP	05 27 48.9 +0.9
CBKS	Cedar Bluff	109.08	51	PKIKP	PKIKP	05 27 49.3 +0.8
431A	Sonora	109.23	60	PKIKP	PKIKP	05 27 48.8 -0.3
Y31A	Rekleta Farm,	109.23	56	PKIKP	PKIKP	05 27 48.8 -0.2
R31A	Burdett	109.32	52	PKIKP	PKIKP	05 27 49.4 +0.3
531A	Rocksprings	109.33	60	PKIKP	PKIKP	05 27 49.6 +0.3
331A	San Angelo	109.34	59	PKIKP	PKIKP	05 27 49.5 +0.3
631A	Perdido Creek	109.35	61	PKIKP	PKIKP	05 27 50.3 +1.0
W31A	Holland Ranch,	109.37	55	PKIKP	PKIKP	05 27 49.9 +0.7
231A	Bronte	109.38	58	PKIKP	PKIKP	05 27 49.5 +0.2
V31A	Spring Creek L	109.38	54	PKIKP	PKIKP	05 27 49.9 +0.7
Z31A	Sharp Cattle R	109.40	57	PKIKP	PKIKP	05 27 49.3 0.0
J32A	Parish	109.77	46	PKIKP	PKIKP	05 27 49.8 +0.1
K32A	Verdige	109.81	47	PKIKP	PKIKP	05 27 50.1 +0.3
P32A	Hulting Farm,	109.84	50	PKIKP	PKIKP	05 27 50.7 +0.8
N32A	Stulken Farm,	109.89	49	PKIKP	PKIKP	05 27 50.6 +0.6
BGNE	Belgrade	109.89	48	PKIKP	PKIKP	05 27 50.2 +0.2
BGNE	Belgrade	109.89	48	ePKPpdf	PKIKP	05 27 50.4 +0.4
Y32A	R-V Farms, Ver	109.91	56	PKIKP	PKIKP	05 27 50.9 +0.7
I32A	Karley and Nic	109.92	45	PKIKP	PKIKP	05 27 50.3 +0.3
R32A	Long Quarter,	109.94	51	PKIKP	PKIKP	05 27 50.9 +0.8
JCT	Junction City	109.94	60	ePKPpdf	PKIKP	05 27 50.6 +0.2
T32A	Huddler	109.94	53	PKIKP	PKIKP	05 27 50.7 +0.5
Z32A	Haskell	109.95	57	PKIKP	PKIKP	05 27 50.8 +0.4
Q32A	Mettler Ranch,	109.97	51	PKIKP	PKIKP	05 27 50.8 +0.6
X32A	Elmer	109.99	56	PKIKP	PKIKP	05 27 51.2 +0.9
632A	Uvalde	110.03	61	PKIKP	PKIKP	05 27 50.9 +0.3
AGMN	Agassiz Nation	110.08	41	PKIKP	PKIKP	05 27 49.9 -0.2
AGMN	Agassiz Nation	110.08	41	ePKPpdf	PKIKP	05 27 49.9 -0.2
WNOK	Wichita Mounta	110.37	55	ePKPpdf	PKIKP	05 27 51.8 +0.5
WNOK	Wichita Mounta	110.37	55	ePKPpdf	PKIKP	05 27 51.6 +0.5
T33A	Patterson Ranc	110.49	53	PKIKP	PKIKP	05 27 51.6 +0.3
R33A	Olander Ranch,	110.52	51	PKIKP	PKIKP	05 27 52.0 +0.8
Q33A	Connelly Farm,	110.53	51	PKIKP	PKIKP	05 27 51.8 +0.6
O33A	Hebron	110.54	50	PKIKP	PKIKP	05 27 51.2 0.0
Z33A	Whitaker Ranch	110.55	57	PKIKP	PKIKP	05 27 51.5 0.0
P33A	Williams Farm,	110.56	50	PKIKP	PKIKP	05 27 52.3 +1.0
333A	Richland Sprin	110.57	59	PKIKP	PKIKP	05 27 52.1 +0.6
633A	Saathoff Ranch	110.57	61	PKIKP	PKIKP	05 27 52.8 +1.2
233A	Rising Star	110.57	58	PKIKP	PKIKP	05 27 51.9 +0.4
M33A	Taylor Creek F	110.57	48	PKIKP	PKIKP	05 27 51.5 +0.2
ECSD	EROS Data Cent	110.58	46	PKIKP	PKIKP	05 27 51.3 +0.1
ECSD	EROS Data Cent	110.58	46	ePKPpdf	PKIKP	05 27 51.3 -0.1
ANN	Anapa	110.59	316	ePKIKP	PKIKP	05 27 47.4 -3.7
X33A	Lawton	110.62	55	PKIKP	PKIKP	05 27 51.6 +0.1
H34A	Spellman Lake,	110.97	44	PKIKP	PKIKP	05 27 52.4 +0.6
M34A	Aspy Farms, Fr	111.04	48	PKIKP	PKIKP	05 27 52.2 0.0
I34A	Hadley	111.05	45	PKIKP	PKIKP	05 27 52.6 +0.5
R34A	Isabella, Hill	111.09	51	PKIKP	PKIKP	05 27 52.9 +0.6
L34A	Svendsen Farm,	111.10	47	PKIKP	PKIKP	05 27 52.7 +0.5
534A	Bianco	111.12	60	PKIKP	PKIKP	05 27 53.2 +0.5
J34A	George	111.14	46	PKIKP	PKIKP	05 27 52.3 +0.1
K34A	Le Mars	111.16	47	PKIKP	PKIKP	05 27 52.6 +0.3
034A	Hebronville	111.18	63	PKIKP	PKIKP	05 27 53.9 +1.1
O34A	Beatrice	111.20	49	PKIKP	PKIKP	05 27 52.9 +0.4
134A	White-Moore Ra	111.20	58	PKIKP	PKIKP	05 27 53.5 +0.8
334A	Lometa	111.20	59	PKIKP	PKIKP	05 27 53.1 +0.4
P						

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like U14B Concepcin, U65B HualaeO, U73B San Pedro, etc.

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

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KOZT Kozan, KARARA Karaisali, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AKCD Akcadag, YOZ Yozgat, SERE Serifkocichosa, etc.

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

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KOZT Kozan, KARARA Karaisali, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IKRK Karkli, HNKL Nakhli, HNKL Nakhli, etc.

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

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

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KOZT Kozan, KARARA Karaisali, etc.

synthetics of broadband displacement seismograms.
 Energy computed from CMT mechanism.
 NEIC *Felt [V] at Angol and Renaico; [V] at Arauco, Chiguayante, Concepcion, Coronel, Curanilahue, La Laja, Lebu, San Rosendo and Temuco; [IV] at Parral, Puerto Saavedra and Tome; [III] at Chillan, Lanco, Los Angeles, Tirua, Panguipulli and Valdivia. Also felt at Canete, Colipulli, Curico, Lota, Nacimiento, Penco, Talcahuano and Victoria.*
 MOS 05:06:01.48.8-1.1, 37.40S; 73.33W, h33km, m5.5/23, MS5.4/4.1 Error ellipse: s-maj=15.4km s-min=7.5km s-z=100.4
 ISC 05:06:01.48.1-0.4, 37.48S; 0.03; 73.43W, 0.05, h24km, 2km, h24km; p-P, 1.206, e-127/997, m5.3/85, MS5.5/381, 13C-23D, Near coast of central Chile

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
U14B	Concepcion	0.68	24	Op	Pb	06 02 13.4	0.0
U14B		3.60	31	S	Sn	06 02 13.6	+1.5
U14B				AML	AML	06 02 16.9	
U14B	Concepcion	0.68	24	ePg	Pn	06 02 01.7	-0.5
U14B				eSg	Pn	06 02 13.4	+1.4
PSCH	Puerto Saavedr	1.31	179	ij/P	Pn	06 02 09.3	-1.6
PSCH		3.60	31	iS	Sb	06 02 28.8	+0.2
COCH	Cobquecura	1.44	21	ij/P	Pn	06 02 12.0	-0.7
COCH		1.21	11	iS	Sb	06 02 33.1	+0.9
LNCH	Linares	2.19	43	eP	Pb	06 02 25.8	-1.3
LNCH				iS	Pn	06 02 55.8	+1.9
VLCH	Valdivia	2.33	177	ij/P	Pn	06 02 23.1	-1.7
TALC	Talca	2.53	35	eP	Pn	06 02 28.1	+0.5
TALC				iS	Pb	06 03 01.3	-2.3
U65B	HualaeO	2.84	28	eP	Pn	06 02 30.7	-1.2
U65B				AML	AML	06 03 26.2	
U65B	HualaeO	2.84	28	ePn	Pn	06 02 31.6	-0.3
U65B				eSg	Sb	06 03 14.6	+2.2
NICH	Niches	3.05	36	eP	Pn	06 02 35.0	+0.2
NICH				iS	Pn	06 03 13.8	+3.4
OSCH	Osorno	3.10	176	eP	Pn	06 02 34.0	-1.4
OSCH	Peumo	3.60	31	ij/P	Pn	06 02 41.9	+0.4
U69B	Longovilo	3.88	26	eP	Pn	06 02 45.5	-0.7
U73B	San Pedro	3.92	25	eP	Pn	06 02 45.6	-1.1
U73B	San Pedro	3.92	25	ePn	Pn	06 02 44.9	-1.7
U73B				eSn	Sn	06 03 23.3	-8.5
PMCH	Puerto Montt	4.02	174	eP	Pn	06 02 47.0	-1.2
PMCH				iS	Pn	06 03 33.9	+0.6
CHCH	Chadas Angostu	4.20	33	eP	Pn	06 02 50.5	-0.1
PCH	Pirque	4.53	33	eP	Pn	06 02 55.1	0.0
SAN	Santiago	4.61	30	eP	Pn	06 02 56.1	-0.1
IHA	Instituto Hidir	4.68	19	ij/P	Pn	06 02 55.7	-1.5
VECH	Ei Yesso	4.68	37	eP	Pn	06 02 58.2	+0.7
CLCH	Cerro Caral	4.71	31	ij/P	Pn	06 02 57.2	+0.5
PEL	Peludehu	4.88	28	ij/P	Pn	06 02 59.1	-0.8
CFAA	Coronel Fontan	7.26	38	Pn	Pn	06 03 31.7	-1.0
CFAA				Sn	Sn	06 04 57.1	+2.8
CFAA				Lg	Lg	06 05 34.3	
CFAA				Lr	Lr	06 06 40.0	
LCAO	Las Campanas	8.75	16	ePn	Pn	06 03 51.4	-2.0
TRQA	Tornquist	9.09	97	ePn	Pn	06 03 57.9	+0.2
LVCN	Limon Verde	15.32	16	ePn	Pn	06 05 23.1	+0.1
LVC				Lr	Lr	06 10 49.5	
LVC				Sn	Sn	06 05 20.6	-2.4
LVC				eSn	Sn	06 08 12.1	-0.1
CPUP	Villa Florida	17.59	55	P	Pn	06 05 50.4	-1.2
CPUP				Lg	Lg	06 11 05.0	
CPUP				Lr	Lr	06 13 25.0	
CPUP				Lr	Lr	06 15 05.0	
USHA	Ushuaia	17.69	170	P	Pn	06 05 53.8	+0.5
USHA				Lr	Lr	06 13 06.9	
EFI	East Falkland	17.87	147	Pn	Pn	06 05 56.5	+1.2
EFI				P	P	06 05 56.0	+0.7
EFI				Pmax	Pmax	06 05 56.4	+1.1
EFI				P	P	06 05 56.4	+1.1
LPAZ	La Paz	21.62	14	P	Pn	06 06 38.2	+1.1
LPAZ				P	Pn	06 06 38.2	+1.1
LPAZ				MLR	MLR	06 06 38.2	+1.1
LPAZ				Lr	Lr	06 06 38.2	+1.1
SIV	San Ignacio	24.04	30	P	Pn	06 07 00.9	-0.4
SIV				Lr	Lr	06 18 14.0	
NNA	Nana	25.57	352	P	Pn	06 07 14.7	-0.5
NNA				P	Pn	06 07 13.9	-1.3
NNA				eP	Pn	06 07 14.0	-1.3
NNA				Lr	Lr	06 07 35.5	-0.2
BB16B	Bebedouro	27.05	60	eP	Pn	06 07 29.2	+0.5
BB16B				i	i	06 07 37.5	
BB16B				i	i	06 08 26.6	
BB16B				i	i	06 08 46.5	
BB16B				i	i	06 09 47.5	
PMSA	Palmer Station	27.89	171	P	Pn	06 07 35.5	-0.2
PMSA				Lr	Lr	06 07 35.5	-0.2
PMSA				Lr	Lr	06 07 35.5	-0.2
SAML	Samuel	29.88	21	eP	Pn	06 07 52.5	-1.3
SAML				Lr	Lr	06 08 05.4	-1.0
SAML				Lr	Lr	06 22 01.0	
BDFB	Brasilia	31.28	53	P	Pn	06 08 05.4	-1.0
BDFB				Lr	Lr	06 22 01.0	
BDFB				P	Pn	06 08 05.4	-1.0
BDFB				Pmax	Pmax	06 08 05.4	-1.0
BDFB				MLR	MLR	06 08 05.4	-1.0
BDFB				P	Pn	06 08 05.5	-0.8
OTAV	Otavalo	37.82	352	eP	Pn	06 09 04.1	+0.9
OTAV				Lr	Lr	06 14 51.6	-1.6
PTGA	Pitinga	38.62	22	eP	Pn	06 09 09.5	0.0
PTGA				Lr	Lr	06 09 19.2	+2.4
PAYG	Puerto Ayora	39.79	333	PFAKE	Lr	06 09 30.0	+1.1
ROSC	El Rosal	42.13	359	P	Pn	06 09 40.2	+1.3
ROSC				P	Pn	06 09 42.0	+3.0
SDV	Santo Domingo	46.20	4	PFAKE	Lr	06 10 20.0	+8.7
RCBR	Riachuelo	46.47	57	eP	Pn	06 10 13.3	-0.1
RCBR				Lr	Lr	06 10 30.0	+1.4
BCIP	Isla Barro Col	46.79	351	PFAKE	Lr	06 10 30.0	+1.4
VNA1	Neumayer-Stat	46.95	156	P	Pn	06 10 17.2	+0.9
TRIS	Tristan da Cun	47.85	109	PFAKE	Lr	06 10 40.0	+1.6
TRIS				Lr	Lr	06 10 31.6	+0.8

JTS	ePP	pP	06 10 41.0	+2.7
JTS	pmax	pmax		
JTS	comp=Z,20nm,1.0s	MLR	MLR	
JTS	comp=Z,2um,20.0s	eP	eP	06 10 31.6 +0.8
JTS	comp=Z,20nm,1.0s	eP	eP	06 10 41.0 +2.7
JTS	comp=Z,2um,20.0s	Lr	Lr	
SNA	Sanae	48.82	157	P
SNA	Sanae	48.82	157	iP
SNA				pmax
SNA	comp=Z,32nm,1.1s	eP	P	06 10 31.6 +0.7
SNA	comp=Z,48nm,1.1s	eP	P	06 10 30.4 -0.5
SNA	comp=Z,2um,18.8s	Lr	Lr	
PTCN	Pitcairn Islan	49.32	267	PFAKE
PTCN				Lr
GRGR	Grenville	50.58	15	eP
GRGR				Lr
GRGR	comp=Z,161nm,0.8s	Lr	Lr	
GRGR	comp=Z,6um,19.0s	Lr	Lr	
BBGH	Gun Hill	52.02	17	PFAKE
BBGH				Lr
QSPA	South Pole Qui	52.76	180	eP
QSPA				Lr
QSPA	comp=Z,59nm,1.0s	Lr	Lr	
TSUHU	Teguicigalpa,Us	52.89	343	PFAKE
TSUHU				Lr
NVL	N'lazarevskaya	53.60	156	ij/P
NVL				ePP
NVL				e
NVL				ePPP
NVL				iS
NVL				pmax
NVL	comp=Z,26nm,0.9s	MLR	MLR	
RKT	Rikitea	54.16	267	eS
RKT				eSS
RKT	comp=Z,3um,16.0s	Lr	Lr	
RKT	comp=Z,3um,26.8s	eLQ	LQ	
RKT	comp=Z,931nm,28.8s	eLr	Lr	
RKT	comp=Z,1um,35.0s	eLr	Lr	
RKT	comp=Z,13um,26.2s,baz=124	eT	T	
RKT	Rikitea	54.16	267	eT
CRPR	Cabo Rojo, PR	55.51	7	eP
CRPR				Lr
CRPR	comp=Z,24nm,0.8s	Lr	Lr	
CRPR	comp=Z,2um,20.0s	Lr	Lr	
CDVI	St. Croix	55.54	10	PFAKE
CDVI				Lr
CDVI	comp=Z,300nm,20.9s	Lr	Lr	
MTDJ	Mount Denham	55.54	355	PFAKE
MTDJ				Lr
OBIP	Obispado Ponce	55.60	8	eP
OBIP				Lr
OBIP	comp=Z,58nm,1.2s	Lr	Lr	
CEL	Cerrillos	55.63	8	eP
LGHN	L'ogne	55.70	1	PFAKE
LGHN				Lr
MPR	Mayaguez	55.71	7	PFAKE
MPR				Lr
PAPH	Port-au-Prince	55.71	1	PFAKE
PAPH				Lr
PAPH	comp=Z,2um,21.5s	Lr	Lr	
SJG	San Juan	55.72	8	eP
SJG				pmax
SJG	comp=Z,39nm,1.0s	Lr	Lr	
SJG	comp=Z,39nm,1.0s	Lr	Lr	
HUMP	Col San Antoni	55.78	9	PFAKE
HUMP				Lr
LRS	L'rs	55.82	8	eP
AOPR	Arcobio Observ	55.88	8	eP
AOPR				Lr
AOPR	comp=Z,50nm,1.2s	Lr	Lr	
AGP	Aguadilla	55.90	7	PFAKE
AGP				Lr
AGP	comp=Z,3um,20.7s	Lr	Lr	
ANWB	Wilby Bob	55.94	13	PFAKE
ANWB				Lr
STVI	Saint Thomas	56.10	10	PFAKE
STVI				Lr
SDDR	Presa de Saban	56.20	2	eP
SDDR				Lr
SDDR	comp=Z,30nm,0.9s	Lr	Lr	
GTBY	Guantanamo Bay	57.12	358	PFAKE
GTBY				Lr
GRTK	Grand Turk	58.72	3	PFAKE
GRTK				Lr
SBA	Scott Base	59.44	192	eP
SBA				pmax
SBA	comp=Z,23nm,1.0s	MLR	MLR	
SBA	comp=Z,3um,18.5s	Lr	Lr	
SBA	comp=Z,23nm,1.0s	eP	P	06 11 49.7 +1.5
SBA	comp=Z,3um,18.5s	Lr	Lr	
VNDA	Vanda	60.47	192	P
VNDA				Lr
VNDA	comp=Z,8.5nm,1.0s,baz=140,slow=4.1,SNR=29	Lr	Lr	
ASCN	Ascension	60.78	77	PFAKE
ASCN				Lr

5d 6h

2010 AUG

Table with columns: ID, Name, Time, Power, Status, and other details. Includes entries like 334A Loneta, 432A Menard, 236A Kathene and baz=73, etc.

Table with columns: ID, Name, Time, Power, Status, and other details. Includes entries like RAR Rarotonga, 129A Stewart Farms, 231A Sharp Cattle R, etc.

Table with columns: ID, Name, Time, Power, Status, and other details. Includes entries like MVL Millersville, U32A Winter Ranch, U32A Tomoudi, etc.

KSU1	comp=Z,800nm,19.4s	LR	LR				
R31A	Burdett baz=80	79.15 339	P	P	06 13 49.7	-0.8	
S28A	Mantler baz=80,SNR=8.6	79.20 337	P	P	06 13 50.9	+0.1	
P36A	Good Intent, A baz=80	79.30 343	P	P	06 13 49.7	-1.5	
BINY	Binghamton	79.34 358	PFAKE	LR	06 14 00.0	+8.6	
BINY	comp=Z,1µm,20.8s		LR	LR			
TSUM	Tsumeb	79.35 106	eP	LR	06 13 53.0	+0.7	
TSUM	comp=Z,7µm,20.4s		LR	LR			
T26A	Comanche Natio baz=80,SNR=10.0	79.35 336	P	P	06 13 51.4	-0.4	
Q33A	Connelly Farm, baz=80	79.35 341	P	P	06 13 51.5	0.0	
R30A	Dighton	79.36 339	P	P	06 13 51.4	-0.2	
P35A	Duane Minner, baz=80	79.40 342	P	P	06 13 51.0	-0.8	
BFZ	Birch Farm	79.44 227	PFAKE	LR	06 14 00.0	+7.7	
BFZ	comp=Z,4µm,19.1s		LR	LR			
BOSA	Boshof	79.45 118	eP	AMB	06 13 52.5	-0.3	
BOSA	comp=Z,66nm,1.2s		AMB	AMB	06 14 23.5		
BOSA	comp=Z,4µm,17.8s		AMS	AMS	06 49 58.6		
BOSA	Boshof	79.45 118	P	P	06 13 52.8	0.0	
BOSA	comp=Z,33nm,1.0s,baz=227,slow=4.8,SNR=36		LR	LR	06 48 30.9		
Q32A	Meitler Ranch, baz=80	79.54 340	P	P	06 13 52.4	-0.2	
T25A	Trinidad	79.59 335	P	P	06 13 53.2	+0.1	
T25A	Trinidad	79.59 335	eP	LR	06 13 53.9	+0.8	
T25A	comp=Z,1µm,18.9s		LR	LR			
S27A	Las Animas	79.59 337	P	P	06 13 52.7	-0.3	
P34A	Walnut Farm, R baz=80	79.62 342	P	P	06 13 52.8	-0.1	
HRV	Adam Dzewonsk	79.63 1	eP	pmax	06 13 53.4	+0.5	
HRV	comp=Z,17nm,0.9s		MLR	pmax			
HRV	comp=Z,1µm,19.9s		MLR	MLR			
HRV	Adam Dzewonsk	79.63 1	eP	P	06 13 53.4	+0.5	
HRV	comp=Z,16nm,0.9s		LR	LR			
CBKS	Cedar Bluff	79.70 339	eP	pmax	06 13 53.7	+0.3	
CBKS	comp=Z,28nm,1.0s		pmax	pmax			
CBKS	comp=Z,999nm,20.1s		MLR	MLR			
CBKS	Cedar Bluff	79.70 339	P	P	06 13 53.2	-0.3	
CBKS	Cedar Bluff	79.70 339	eP	P	06 13 53.7	+0.3	
CBKS	comp=Z,28nm,1.0s		LR	LR			
CBKS	comp=Z,999nm,20.1s		LR	LR			
W18A	Petrified Fore baz=80	79.72 330	P	P	06 13 53.5	-0.3	
W18A	Petrified Fore	79.72 330	eP	P	06 13 56.9	+3.0	
O36A	Bolkow	79.73 343	P	P	06 13 52.3	-1.2	
P33A	Williams Farm, baz=80	79.73 341	P	P	06 13 53.1	-0.5	
R29A	Marienthal baz=80	79.74 338	P	P	06 13 53.6	-0.1	
Q31A	Ellis	79.78 340	P	P	06 13 54.0	+0.1	
KHZ	Kahutara	79.82 224	PFAKE	LR	06 14 10.0	+16	
KHZ	comp=Z,2µm,20.3s		LR	LR			
TRY	Troy	79.84 360	eP	LR	06 13 55.4	+1.4	
TRY	comp=Z,900nm,19.7s		LR	LR			
R28A	Tribune	79.86 338	P	P	06 13 54.3	-0.1	
SNZO	South Karori	79.91 225	PFAKE	LR	06 14 10.0	+15	
SNZO	comp=Z,3µm,19.9s		LR	LR			
MMNY	Mt. Morris Dam	79.94 357	eP	LR	06 13 54.5	-0.1	
MMNY	comp=Z,2µm,20.2s		LR	LR			
AAM	Ann Arbor	79.95 352	PFAKE	LR	06 14 10.0	+15	
AAM	comp=Z,2µm,22.0s		LR	LR			
Q30A	Quinter	79.98 339	P	P	06 13 55.0	-0.1	
O35A	Humboldt baz=80	80.08 343	P	P	06 13 54.7	-0.7	
GLA	Glamis	80.08 326	eP	MLR	06 13 56.8	+1.1	
GLA	comp=Z,2µm,21.0s		MLR	MLR			
GLA	Glamis	80.08 326	P	P	06 13 55.7	0.0	
GLA	Glamis	80.08 326	eP	LR	06 13 56.8	+1.1	
R27A	Eads baz=80,SNR=5.8	80.11 337	P	P	06 13 55.4	-0.4	
Q29A	Oakley	80.12 339	P	P	06 13 55.8	0.0	
P32A	Hutting Farm, baz=80	80.14 341	P	P	06 13 55.6	-0.3	
O34A	Beatrice	80.19 342	P	P	06 13 55.4	-0.6	
P31A	Stockton	80.26 340	P	P	06 13 56.2	-0.3	
BKZ	Black Stump Fm	80.28 228	PFAKE	LR	06 14 10.0	+13	
BKZ	comp=Z,3µm,21.0s		LR	LR			
RPZ	Rata Peaks	80.28 222	P	P	06 13 57.4	+0.6	
RPZ	comp=Z,15nm,1.0s,baz=219,slow=13,SNR=3.2		LR	LR	06 40 39.9		
RPZ	comp=Z,5µm,21.9s,baz=127,slow=29		LR	LR	06 13 57.4	+0.6	
RPZ	Rata Peaks	80.28 222	P	P	06 14 03.9	-0.1	
Q33A	Hebron	80.31 341	P	P	06 13 56.7	0.0	
IBP	Imperial Blvd	80.33 325	P	P	06 13 57.1	0.0	
R26A	Arlington	80.33 336	P	P	06 13 57.2	+0.2	
WHZ	Wether Hill Ro	80.36 218	eP	LR	06 14 02.1	+5.0	
WHZ	comp=Z,3µm,21.0s		LR	LR			
SWSC	Sam W. Stewart baz=81	80.43 325	P	P	06 13 58.5	+1.0	
ACCN	Adirondack Con	80.49 360	eP	LR	06 13 58.0	+0.4	
ACCN	comp=Z,1µm,19.9s		LR	LR			
URZ	Urewera	80.50 229	P	P	06 13 59.1	+1.0	
URZ	comp=Z,14nm,1.0s,baz=77,slow=14,SNR=1.9		LR	LR	06 41 04.1		
SDCO	Great Sand Dun	80.50 335	P	P	06 13 58.2	+0.1	
SDCO	Great Sand Dun	80.50 335	eP	LR	06 13 58.4	+0.2	
SDCO	comp=Z,2µm,19.0s		LR	LR			
P30A	Gelden	80.52 339	P	P	06 13 58.0	0.0	
Q28A	Sharon Springs	80.53 338	P	P	06 13 58.3	+0.2	
Y12C	Blythe	80.54 326	P	P	06 13 58.9	+0.9	
N35A	Tabor	80.58 343	P	P	06 13 56.8	-1.4	
FFD	Franklin Falls	80.59 1	PFAKE	LR	06 14 10.0	+12	
FFD	comp=Z,2µm,20.1s		LR	LR			
BAR	Barrett	80.61 324	eP	sP	06 14 07.0	-2.3	
BAR	comp=Z,3µm,21.2s		LR	LR			
O32A	Brockman Farm, baz=81	80.66 341	P	P	06 13 58.2	-0.4	
MONP	Monument Peak baz=81	80.67 324	P	P	06 13 58.5	-0.6	
WUAZ	Wupatki	80.72 329	P	P	06 13 59.8	+0.6	

WUAZ	Wupatki	80.72 329	eP	LR	06 13 59.9	+0.6	
WUAZ	comp=Z,2µm,20.7s		LR	LR			
KSCO	Key Shedlock'	80.73 337	P	P	06 13 58.9	-0.2	
KSCO	Key Shedlock'	80.73 337	eP	LR	06 14 00.7	+1.6	
KSCO	comp=Z,701nm,19.3s		LR	LR			
N34A	Lincoln	80.76 342	P	P	06 13 58.7	-0.4	
P29A	Atwood baz=81,SNR=5.1	80.77 339	P	P	06 13 59.0	-0.2	
HNH	Hanover	80.82 1	PFAKE	LR	06 14 10.0	+11	
HNH	comp=Z,1µm,21.0s		LR	LR			
O31A	Woolen Ranch, baz=81	80.83 340	P	P	06 13 59.6	+0.1	
PDMOI	Parker Dam,Lak baz=81	80.83 327	P	P	06 14 00.7	+1.0	
BC3	Big Chuckkwall baz=81	80.87 326	P	P	06 14 00.8	+0.8	
N33A	J Bar K, Exete baz=81	80.90 342	P	P	06 14 00.1	+0.2	
Q26A	Hugo	80.92 337	P	P	06 14 00.4	+0.1	
S22A	4UR Ranch, Cre baz=81	80.96 334	P	P	06 14 00.6	-0.1	
S22A	4UR Ranch, Cre	80.96 334	PFAKE	LR	06 14 10.0	+9.3	
S22A	comp=Z,3µm,19.9s		LR	LR			
P28A	Saint Francis	80.98 338	P	P	06 14 00.8	+0.3	
109C	Camp Elliot, M baz=81	80.99 324	P	P	06 14 01.6	+1.1	
DCZ	Deep Cove	81.04 218	PFAKE	LR	06 14 10.0	+9.2	
DCZ	comp=Z,3µm,21.7s		LR	LR			
O30A	MW Ranch, Wils baz=81	81.06 340	P	P	06 14 01.4	+0.7	
NCB	Newcomb	81.08 359	eP	LR	06 14 00.8	+0.1	
NCB	comp=Z,1µm,21.4s		LR	LR			
MVCO	Mesa Verde	81.09 332	P	P	06 14 01.7	+0.5	
MVCO	Mesa Verde	81.09 332	eP	LR	06 14 02.0	+0.8	
MVCO	comp=Z,6µm,19.6s		LR	LR			
MDV	Middlebury	81.10 0	eP	P	06 14 00.9	+0.1	
N32A	Stuken Farm, baz=82	81.14 341	P	P	06 14 01.5	+0.3	
KSD	Kokstad	81.15 122	eP	AMB	06 14 01.0	-0.9	
KSD	comp=Z,7.1nm,0.9s		AMB	AMB	06 14 04.7		
IRM	Iron Mountain baz=82	81.16 326	P	P	06 14 02.5	+1.0	
M35A	Neola	81.17 343	P	P	06 14 01.5	+0.2	
P27A	Ficken Ranch, baz=82	81.21 338	P	P	06 14 02.1	+0.4	
O29A	4D Ranch, Culb baz=82	81.22 339	P	P	06 14 01.5	-0.1	
SEK	Senekal	81.28 119	eP	AMB	06 14 02.4	-0.3	
SEK	comp=Z,49nm,1.0s		AMB	AMB	06 14 14.4		
SEK	comp=Z,3µm,16.9s		AMS	AMS	06 45 30.3		
PFO	Pinyon Flat Ob	81.29 325	eP	MLR	06 14 03.8	+1.6	
PFO	comp=Z,2µm,18.7s		MLR	MLR			
PFO	Pinyon Flat Ob	81.29 325	P	P	06 14 03.3	+1.1	
PFO	Pinyon Flat Ob	81.29 325	eP	LR	06 14 03.8	+1.6	
PFO	comp=Z,2µm,18.7s		LR	LR			
LBNH	Lisbon	81.36 1	eP	pmax	06 14 02.7	+0.5	
LBNH	comp=Z,270nm,2.6s		pmax	pmax			
LBNH	comp=Z,1µm,19.4s		MLR	MLR			
LBNH	Lisbon	81.36 1	eP	P	06 14 02.7	+0.5	
LBNH	comp=Z,270nm,2.6s		LR	LR			
LBNH	comp=Z,1µm,19.4s		LR	LR			
N31A	Bailey Ranch, baz=82	81.36 341	P	P	06 14 02.3	-0.1	
BELC	Belle Mtn. Jos baz=82	81.41 325	P	P	06 14 04.0	+1.1	
M34A	Aspy Farms, Fr baz=82	81.41 343	P	P	06 14 02.3	-0.3	
NEE2	Needles Airpor	81.44 327	P	P	06 14 03.5	+0.6	
P26A	Davis Ranch, A baz=82	81.45 337	P	P	06 14 03.8	+0.8	
JFWS	Jewell Farm	81.47 348	eP	MLR	06 14 02.3	-0.5	
JFWS	comp=Z,2µm,22.0s		MLR	MLR			
JFWS	Jewell Farm	81.47 348	eP	LR	06 14 02.3	-0.5	
JFWS	comp=Z,2µ						

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Table with columns for event name, location, date, time, and various codes. Includes events like Chamberlain Mo Fort Rock, Missoula, Cave Junction, Hull Mountain, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CCSP San Pedro de C, U14B Concepcin, PSCH Puerto Saavedr, etc.

RSPR 05 06:26:51.9, 18:16N-65:83W, h24km, 4C-2D, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HUMP Col San Antoni, CPD Cerro La Pandu, etc.

SJA 05 06:27:08.0, 0.3, 37.44S:74:32W, h33km, ML5.2, MW5.2, Fault plane solution: NP1:phi=355.00000°, delta=0.00000°, lambda=0.00000°.

IDC 05 06:27:12.2, 0.4, 37.44S:73:37W, h0km, mb4.9/17, mb1 5.0/21, mb1mx4.9/22, mbmp4.9/21, ML4.4/3, MS5.1/12, MS1 5.1/12, ms1mx4.9/24, Error ellipse: s-maj=17.7km s-min=12.0km az=103.0.

GUC 05 06:27:13.3, 0.7, 37.53S:73:82W, h36km, 3km, ML6.0, BUJ 05 06:27:14.2, 37.08S:73:65W, h24km, mb5.3/13, MS5.6/16, MS7.5/16.

ISCJB 05 06:27:16.4, 0.7, 37.40S:0:03:73:34W, 0.06, h37km, 6km, mb5.2/115, MS5.2/12, Error ellipse: s-maj=7.7km s-min=4.8km az=164.5.

MOS 05 06:27:16.6, 0.9, 37.38S:73:28W, h33km, mb5.4/32, Error ellipse: s-maj=16.5km s-min=8.1km az=100.9.

NEIC 05 06:27:16.1, 0.2, 37.43S:73:32W, mb5.2/88, Error ellipse: s-maj=6.1km s-min=4.4km az=83.0.

NEIC Felt [V] at Concepcion; [IV] at La Laja, Navidad, San Pedro de la Paz, San Rosendo, Talcahuano, Tirua and Torne; [III] at Quinchamani, Rancagua and Temuco; [II] at Parral, also felt at Chiguayante, Loncoche, Los Angeles and Santiago.

GCMT 05 06:27:16.1, 0.2, 37.57S:73:76W, h30km, MW5.4/101, Moment Tensor Solution. s30,c32; s101,c163; Duration: 1s3 Moment tensor: Scale 10^17Nm; Mrr:1.54e-07; Mth:0.15e-04; Mtt:1.39e-04; Mtr:0.04e-04; Mtr:0.06e-02; Mtr:0.86e-05; Best double couple: Mtr:1.70300e1017 NP1:phi=180.00000°, delta=0.00000°, lambda=0.00000°.

Principal axes: T 1.7780, Plg75.0000°, Azm96.0000°; N -0.1480, Plg2.0000°, Azm359.0000°; P -1.6280, Plg15.0000°, Azm268.0000°; nsta1 refers to body waves, cutoff=40s; nsta2 refers to surface waves, cutoff=50s.

ISC 05 06:27:16.0, 0.5, 37.49S:0:03:73:46W, 0.05, h27km, 3km, h26km; pp-P.n801, phi=95/842, mb5.2/115, MS5.2/12, 8C-13D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like U14B Concepcin, U14B Concepcin, PSCH Puerto Saavedr, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LPAZ La Paz, SIV San Ignacio, NNA Nana, PMSA Palmer Station, SAML Samuel, BDFB Brasilia, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like 439A Center Grove, 633A Saathoff Ranch, 535A Dale, etc.

131A	Roby	74.19 337	P	P	06 38 50.3 +0.1
TZTN	Tazewell	74.26 352	eP		06 38 49.3 -1.1
Z33A	Whitaker Ranch	74.26 338	P	P	06 38 51.1 +0.5
130A	Snyder	74.30 336	P	P	06 38 51.0 +0.1
Y35A	Marietta	74.35 340	P	P	06 38 51.7 +0.7
228A	UT Block 9, Go	74.40 335	P	P	06 38 52.0 +0.5
X38A	Whitesboro	74.50 342	P	P	06 38 52.3 +0.5
Z32A	Haskell	74.50 338	P	P	06 38 51.5 -0.5
X37A	Clayton	74.56 341	P	P	06 38 52.4 +0.2
BLA	Blacksburg	74.61 354	eP	P	06 38 52.5 0.0
BLA	Blacksburg	74.61 354	eP	P	06 38 52.5 0.0
VWCC	Virginia Weste	74.61 355	eP	P	06 38 51.2 -1.3
129A	Stewart Farms,	74.63 335	P	P	06 38 53.0 +0.2
GNAR	Gosnell	74.69 346	eP	P	06 38 51.3 -1.7
GNAR	Gosnell	74.69 346	eP	P	06 39 00.9 -0.5
Z31A	Sharp Cattle R	74.71 337	P	P	06 38 53.4 +0.3
X36A	Centrahoma	74.79 341	P	P	06 38 53.2 -0.4
X35A	Drake	74.80 340	P	P	06 38 53.6 -0.1
W38A	Poteau	74.80 342	P	P	06 38 53.7 +0.1
128A	Castleberry Fa	74.83 335	P	P	06 38 53.2 -0.7
UTMT	University of	74.84 347	eP	P	06 38 54.3 +0.5
Y33A	Hilltop Ranch,	74.89 339	P	P	06 38 54.0 -0.2
JSRW	J. Sargeant Re	74.93 356	eP	P	06 38 54.0 -0.3
Z30A	Sanderson Ranc	74.99 336	P	P	06 38 54.2 -0.7
Y32A	R-V Farms, Ver	75.13 338	P	P	06 38 55.5 -0.1
Z29A	Hungry Hill Ra	75.15 336	P	P	06 38 54.9 -0.9
X34A	Smith Ranch, M	75.22 339	P	P	06 38 55.4 -0.7
W36A	Wetumka	75.30 341	P	P	06 38 56.0 -0.5
PARMO	Parma	75.31 347	eP	P	06 38 56.1 -0.4
Y31A	Rekieta Farm,	75.34 337	P	P	06 38 56.9 0.0
X33A	Lawton	75.36 339	P	P	06 38 56.3 -0.6
Z28A	Tucker Farm, M	75.40 335	P	P	06 38 57.1 -0.2
Y30A	Stafford Catti	75.46 337	P	P	06 38 57.4 -0.2
X32A	Elmer	75.47 338	P	P	06 38 57.2 -0.3
W35A	Tecumseh	75.48 340	P	P	06 38 57.0 -0.5
V38A	Canehill	75.53 343	P	P	06 38 57.5 -0.3
PBMO	Poplar Bluff	75.55 346	eP	P	06 38 57.3 -0.6
WMOK	Wichita Mounta	75.62 339	eP	P	06 38 58.0 -0.4
WMOK	Wichita Mounta	75.62 339	eP	P	06 38 58.0 -0.4
Y29A	Porterfield Fa	75.69 336	P	P	06 38 58.5 -0.4
V37A	Hulbert	75.73 342	P	P	06 38 58.2 -0.8
W34A	Bridge Creek,	75.80 340	P	P	06 38 58.5 -0.9
V36A	Jenks	75.84 341	P	P	06 38 59.2 -0.4
X31A	McDonald Ranch	75.88 338	P	P	06 38 59.3 -0.6
TUL1	Tulsa	75.92 341	P	P	06 38 59.4 -0.6
TUL1	Tulsa	75.92 341	eP	P	06 38 59.6 -0.5
W33A	Caddo, Fort Co	75.92 339	P	P	06 39 00.8 +0.7
Y28A	McKinney Farm,	75.93 336	P	P	06 39 00.2 -0.1
X30A	Coker Ranch, T	75.98 337	P	P	06 39 00.5 0.0
V35A	Meyer Ranch, C	76.05 341	P	P	06 39 00.4 -0.4
U38A	Gravette	76.08 343	P	P	06 39 00.7 -0.3
W32A	Sentinel	76.12 338	P	P	06 39 01.1 -0.1
U37A	Salina	76.22 342	P	P	06 39 01.6 -0.1
SIUC	Southern Illin	76.24 347	eP	P	06 39 01.1 -0.6
X29A	Tulia	76.24 336	P	P	06 39 01.7 -0.3
V34A	Guthrie	76.30 340	P	P	06 39 02.3 +0.1
U36A	Oologah	76.36 342	P	P	06 39 02.8 +0.3
W31A	Holland Ranch,	76.38 338	P	P	06 39 02.9 +0.1
X28A	Dimmitt	76.47 336	P	P	06 39 03.4 0.0
V33A	Lossen Ranch,	76.50 339	P	P	06 39 03.8 +0.4
CASY	Casey	76.51 182	eP	P	06 39 03.5 +0.3
W30A	Crocket Farms	76.57 337	P	P	06 39 04.0 +0.1
U35A	Pawnee	76.59 341	P	P	06 39 04.0 +0.1
V32A	Arapaho	76.61 339	P	P	06 39 05.0 +0.9
121A	Cookes Peak, D	76.67 331	P	P	06 39 05.3 +0.6
121A	Cookes Peak, D	76.67 331	eP	P	06 39 05.2 +0.5
121A	UPI	76.77 116	eP	P	06 39 12.7 -0.4
UPI	Upington	76.77 116	eP	P	06 39 05.8 +0.4
W29A	Amrillo	76.85 337	P	P	06 39 05.8 +0.3
T37A	Cheneyville 18	76.85 343	P	P	06 39 05.4 +0.1
U34A	Anderson Ranch	76.87 340	P	P	06 39 06.1 +0.7
U34A	Anderson Ranch	76.87 340	eP	P	06 39 07.8 +2.4
V31A	Spring Creek L	76.90 338	P	P	06 39 06.4 +0.8
LIC	Lamto	76.97 72	eP	P	06 39 06.8 +0.2
U33A	Lingo Farm, Me	77.02 340	P	P	06 39 07.0 +0.7
T36A	Boggs Farm, Ca	77.03 342	P	P	06 39 06.3 0.0
OLIL	Olney	77.04 348	eP	P	06 39 05.9 -0.4
T35A	Sooner Cattle	77.05 341	P	P	06 39 06.9 +0.5
V30A	Spur Ranch, Mi	77.14 338	P	P	06 39 07.4 +0.3
W28A	Vega	77.15 336	P	P	06 39 07.5 +0.3
U32A	Winter Ranch,	77.22 339	P	P	06 39 07.6 +0.2
BLO	Bloomington	77.23 350	eP	P	06 39 06.2 -1.2
BLO	Bloomington	77.23 350	eP	P	06 39 06.2 -1.2
TIC	Toumou	77.25 71	eP	P	06 39 08.2 +0.1
KIC	Kosan Boka	77.28 72	eP	P	06 39 08.7 +0.4
T34A	McClaskey Farm	77.33 341	P	P	06 39 08.3 +0.3
DBIC	Dimbokro	77.39 71	eP	P	06 39 09.2 +0.3
DBIC	Dimbokro	77.39 71	eP	P	06 39 09.3 +0.4

DBIC	Tucson	77.69 328	eP	P	06 39 11.7 +1.5
S37A	Fort Scott	77.44 343	P	P	06 39 09.1 +0.5
U31A	Nine Bar Ranch	77.45 338	P	P	06 39 09.3 +0.5
V29A	Stinnett	77.50 337	P	P	06 39 09.4 +0.3
S36A	Lake Cedric, C	77.59 342	P	P	06 39 09.5 +0.1
V28A	Channing	77.61 336	P	P	06 39 10.3 +0.5
T33A	Patterson Ranc	77.67 340	P	P	06 39 10.4 +0.5
BNC	Barren Site	77.67 332	eP	P	06 39 10.4 +0.1
TUC	Tucson	77.69 328	eP	P	06 39 11.7 +1.5
TUC	Tucson	77.69 328	eP	P	06 39 11.7 +1.5
Y22D	IRIS PASSCAL I	77.71 332	P	P	06 39 11.3 +0.9
S35A	Otter Creek Ra	77.73 342	P	P	06 39 10.4 +0.2
V27A	Dan Oppiter Fa	77.81 336	P	P	06 39 11.4 +0.5
LPM	Los Pinos Moun	77.82 332	eP	P	06 39 12.1 +1.1
U30A	WK&E Inc. Balk	77.84 338	P	P	06 39 11.6 +0.6
ACSO	Alum Creek Sta	77.84 353	eP	P	06 39 09.5 -1.2
T32A	Huddler Ranch,	77.94 339	P	P	06 39 12.0 +0.6
S34A	Willow Spring	77.95 341	P	P	06 39 11.7 +0.2
U29A	Oasis Ranch, S	77.95 337	P	P	06 39 11.7 +0.1
R37A	Teagarden Farm	77.97 343	P	P	06 39 11.4 -0.1
S33A	Kaszmaul Farm,	78.08 340	P	P	06 39 12.2 0.0
LAZ	Laaron	78.09 332	eP	P	06 39 11.7 -0.8
R36A	Gordon, Harris	78.14 342	P	P	06 39 12.6 +0.1
U28A	Mallet	78.19 337	P	P	06 39 13.3 +0.4
214A	Organ Pipe Nat	78.25 327	P	P	06 39 14.4 +1.1
214A	Organ Pipe Nat	78.25 327	eP	P	06 39 14.3 +0.9
214A	Plains	78.29 338	eP	P	06 39 20.7 -1.2
T30A	Plains	78.29 338	eP	P	06 39 13.5 +0.1
R35A	Emporia Munici	78.31 342	P	P	06 39 13.5 +0.1
ANMO	Albuquerque	78.32 333	eP	P	06 39 14.9 +1.1
ANMO	Albuquerque	78.32 333	eP	P	06 39 14.5 +0.6
U27A	Thompson Grove	78.42 336	P	P	06 39 14.4 +0.1
Q37A	Longview Farm,	78.42 343	P	P	06 39 13.4 -0.6
S32A	Newby Ranch, P	78.44 340	P	P	06 39 14.2 +0.1
SFIN	Schofer Farm	78.50 349	P	P	06 39 13.3 -1.1
S31A	Multiville	78.51 339	P	P	06 39 15.2 +0.5
R34A	Isabella, Hill	78.55 341	P	P	06 39 15.4 +0.6
T29A	Hugoton	78.61 338	P	P	06 39 15.1 -0.1
Q36A	Arnold C. Orve	78.73 343	P	P	06 39 14.5 -1.2
R33A	Olander Ranch,	78.75 341	P	P	06 39 15.7 -0.2
Q35A	Mercer Eighty,	78.77 342	P	P	06 39 15.1 -0.9
S30A	Montezuma	78.81 338	P	P	06 39 15.9 -0.4
T28A	Wakarusa	78.83 337	P	P	06 39 16.3 -0.2
T27A	Campo	78.97 337	P	P	06 39 17.0 -0.2
S29A	Ulysses	78.99 338	P	P	06 39 17.0 -0.3
HDIL	Hopedale	79.02 348	P	P	06 39 17.0 -0.2
HDIL	Hopedale	79.02 348	eP	P	06 39 16.6 -0.7
R32A	Long Quarter,	79.05 340	P	P	06 39 17.4 -0.2
Q34A	Chapman	79.06 342	P	P	06 39 17.5 0.0
KSU1	Kansas State U	79.14 342	P	P	06 39 16.5 -1.5
R31A	Burdett	79.15 339	P	P	06 39 17.5 -0.6
S28A	Miar	79.20 337	P	P	06 39 18.4 0.0
P36A	Good Intent, A	79.30 343	P	P	06 39 17.7 -1.1
T26A	Coinche Natio	79.35 336	P	P	06 39 19.0 -0.4
Q33A	Connelly Farm,	79.36 341	P	P	06 39 18.9 -0.3
R30A	Dighton	79.36 339	P	P	06 39 19.3 0.0
TSUM	Tsumeb	79.37 106	eP	P	06 39 20.7 +0.7
P35A	Duane Minner,	79.40 342	P	P	06 39 18.7 -0.8
BOSA	Boshof	79.47 118	eP	P	06 39 20.0 -0.5
BOSA	Boshof	79.47 118	eP	P	06 39 21.9
BOSA	Boshof	79.47 118	eP	P	06 39 20.4 0.0
BOSA	Boshof	79.47 118	eP	P	06 39 20.4 0.0
Q32A	Meitler Ranch,	79.54 340	P	P	06 39 19.8 -0.4
T25A	Trinidad	79.59 335	P	P	06 39 21.0 +0.3
T25A	Trinidad	79.59 335	eP	P	06 39 21.2 +0.5
S27A	Las Animas	79.59 337	P	P	06 39 20.3 -0.4
P34A	Walnut Farm, R	79.62 342	P	P	06 39 21.1 +0.5
CBKS	Cedar Bluff	79.70 339	eP	P	06 39 21.0 -0.1
CBKS	Cedar Bluff	79.70 339	eP	P	06 39 28.6 -0.2
CBKS	Cedar Bluff	79.70 339	eP	P	06 39 21.0 -0.1
CBKS	Cedar Bluff	79.70 339	eP	P	06 39 21.0 -0.1
W18A	Petrified Fore	79.71 330	eP	P	06 39 28.6 -0.2
O36A	Boikow	79.73 343	P	P	06 39 21.7 +0.1
P33A	Williams Farm,	79.73 341	P	P	06 39 21.3 +0.1
R29A	Marienthal	79.74 338	P	P	06 39 21.3 0.0
Q31A	Ellis	79.78 340	P	P	06 39 21.7 +0.2
R28A	Tribe	79.86 338	P	P	06 39 22.3 +0.2
Q30A	Quinter	79.99 339	P	P	06 39 22.4 -0.2
GLA	Glamis	80.08 326	eP	P	06 39 24.1 +0.8
GLA	Glamis	80.08 326	eP	P	06 39 30.3
GLA	Glamis	80.08 326	eP	P	06 39 23.6 +0.3
GLA	Glamis	80.08 326	eP	P	06 39 24.1 +0.8
GLA	Glamis	80.08 326	eP	P	06 39 30.3 -0.3
O35A	Humboldt	80.08 343	P	P	06 39 22.4 -0.6
R27A	Eads	80.11 337	P	P	06 39 23.1 -0.3
Q29A	Oakley	80.12 339	P	P	06 39 23.3 -0.1
P32A	Huittig Farm,	80.14 341	P	P	06 39 23.2 -0.3

O34A	Beatrice	80.19 342	P	P	06 39 23.3 -0.4
P31A	Stockton	80.26 340	P	P	06 39 24.0 -0.1
RPZ	Rat Peaks	80.26 222	P	P	06 39 25.8 +1.4
O33A	Hebron	80.31 341	P	P	06 39 24.2 -0.2
IBP	Imperial Bould	80.33 325	P	P	06 39 25.3 +0.6
R26A	Arlington	80.33 336	P	P	06 39 24.7 0.0
SWSC	Sam W. Stewart	80.42 325	P	P	06 39 25.6 +0.5
SDCO	Great Sand Dun	80.50 335	P	P	06 39 25.8 0.0
SDCO	Great Sand Dun	80.50 335	eP	P	06 39 26.0 +0.2
P30A	Gelden	80.52 339	P	P	06 39 26.4 +0.9
Y12C	Blythe	80.53 326	P	P	06 39 26.7 +1.0
Q28A	Sharon Springs	80.53 338	P	P	06 39 25.9 +0.2
N35A	Tabor	80.58 343	P	P	06 39 25.5 -0.2
O32A	Brookman Farm,	80.66 341	P	P	06 39 26.0 -0.2
MONP	Monument Peak	80.67 324	P	P	06 39 26.9 +0.2

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MWC	Mount Wilson	82.53 324	eP	P	06 39 37.5 +1.0
K33A	Hardington	82.56 343	P	P	06 39 36.4 +0.2
M28A	Bar X Bar Ranc	82.56 339	P	P	06 39 37.1 +0.8
TUQ	Turquoise Moun	82.57 326	P	P	06 39 37.9 +1.3
N26A	Koester Ranch,	82.58 338	P	P	06 39 37.1 +0.7
RRX	Edison Barstow	82.59 325	P	P	06 39 37.8 +1.3
KNB	Kanab	82.59 329	eP	P	06 39 38.2 +1.5
KNB	comp=Z,20nm,1.0s		pmax	pmax	
KNB	Kanab	82.59 329	eP	P	06 39 38.1 +1.5
L31A	Butterfield Fa	82.60 341	P	P	06 39 37.1 +0.7
L30A	Spencer Herefo	82.62 341	P	P	06 39 37.3 +0.8
DECC	Green Verdugo	82.68 324	P	P	06 39 38.5 +1.4
K32A	Verdigr	82.84 342	P	P	06 39 38.2 +0.6
GSC	Goldstone	82.85 326	eP	P	06 39 39.0 +1.0
GSC	comp=Z,52nm,2.1s		pmax	pmax	
GSC	Goldstone	82.85 326	P	P	06 39 38.5 +0.5
GSC	Goldstone	82.85 326	eP	P	06 39 39.0 +1.0
J35A	Milford	82.87 344	P	P	06 39 38.2 +0.5
BLG	Laguna Peak	82.91 323	P	P	06 39 38.9 +0.7
L29A	Maesberg Ranch	82.93 340	P	P	06 39 39.1 +0.9
J34A	George	82.96 344	P	P	06 39 38.5 +0.2
M27A	Reverse DX Ran	82.97 339	P	P	06 39 39.0 +0.6
ED72	Edwards Air Fo	83.04 324	P	P	06 39 40.8 +1.9
SHOC	Shoshone	83.12 326	P	P	06 39 40.6 +1.3
M26A	McRoberts Ranc	83.14 338	P	P	06 39 40.4 +1.0
SHPR	Sheep Range	83.14 327	eP	P	06 39 40.9 +1.4
L28A	Connealy Angus	83.17 339	P	P	06 39 40.4 +0.9
OSI	Osito Adit	83.17 324	P	P	06 39 41.0 +1.4
J33A	Davis	83.22 343	P	P	06 39 40.1 +0.5
K30A	Basset	83.27 341	P	P	06 39 40.7 +0.8
CCUT	Cedar City	83.27 329	eP	P	06 39 42.0 +1.7
SLR	Silverton	83.35 117	eP	P	06 39 41.3 +0.2
SLR	comp=Z,42nm,1.0s		AMB	AMB	06 39 42.2
M25A	Palm-Egli Farm	83.38 337	P	P	06 39 41.8 +1.1
L27A	T5 Ranch, Ells	83.46 339	P	P	06 39 42.2 +1.2
J32A	Parkston	83.48 342	P	P	06 39 40.6 -0.3
N23A	Red Feather La	83.49 336	P	P	06 39 41.7 +0.3
N23A	Red Feather La	83.49 336	eP	P	06 39 44.1 +2.8
SBC	Santa Barbara	83.49 323	P	P	06 39 42.1 +1.0
SRU	San Rafael	83.51 332	eP	P	06 39 42.0 +0.6
SRU	comp=Z,11nm,0.9s		pmax	pmax	
SRU	San Rafael	83.51 332	eP	P	06 39 42.0 +0.6
ECSD	EROS Data Cent	83.53 343	P	P	06 39 41.0 -0.2
ECSD	EROS Data Cent	83.53 343	eP	P	06 39 40.8 -0.4
K29A	Lazy Trails An	83.54 340	P	P	06 39 41.8 +0.5
O20A	White River Ci	83.59 334	P	P	06 39 41.9 +0.1
J01A	White River Ci	83.59 334	eP	P	06 39 44.8 +3.0
J31A	Geddes	83.62 342	P	P	06 39 41.4 -0.3
MSU	Marysvale	83.63 330	eP	P	06 39 43.3 +1.2
MSU	Marysvale	83.63 330	eP	P	06 39 43.2 +1.2
ARVC	Arvin	83.64 324	P	P	06 39 42.7 +0.8
L26A	Underwood Farm	83.64 338	P	P	06 39 42.3 +0.4
I34A	Hadley	83.66 344	P	P	06 39 42.5 +0.7
PHWY	Pilot Hill	83.70 336	eP	P	06 39 42.6 +0.2
K28A	Ten Mile Ranch	83.78 340	P	P	06 39 43.4 +0.8
MPMC	Manual Prospec	83.79 325	P	P	06 39 44.0 +1.1
J30A	Dallas	83.85 341	P	P	06 39 42.9 +0.1
FURC	Furnace Creek,	83.85 326	P	P	06 39 44.3 +1.4
ISA	Isabella	83.91 325	eP	P	06 39 45.3 +1.9
ISA	comp=Z,13nm,1.1s		pmax	pmax	
ISA	Isabella	83.91 325	P	P	06 39 44.8 +1.4
ISA	Isabella	83.91 325	eP	P	06 39 45.3 +1.9
TMUT	Trail Mountain	83.93 331	eP	P	06 39 45.0 +1.2
TPNV	Topopah Spring	83.98 327	eP	P	06 39 45.3 +1.5
TPNV	comp=Z,14nm,1.1s		pmax	pmax	
TPNV	Topopah Spring	83.98 327	P	P	06 39 44.5 +0.7
TPNV	Topopah Spring	83.98 327	eP	P	06 39 45.3 +1.5
K27A	Flueckinger Fa	84.01 339	P	P	06 39 44.4 +0.7
L25A	Engelbretsen Ra	84.01 338	P	P	06 39 44.5 +0.6
DAC	Darwin (Calif)	84.02 326	eP	P	06 39 45.4 +1.3
DAC	comp=Z,11nm,1.1s		pmax	pmax	
J29A	Darwin (Calif)	84.02 326	eP	P	06 39 45.4 +1.3
D9A	Okreek	84.14 341	P	P	06 39 44.2 -0.1
SPMN	St. Paul	84.17 346	P	P	06 39 44.2 -0.1
SPMN	St. Paul	84.17 346	eP	P	06 39 43.6 -0.8
H34A	Elkhorn Farm,	84.24 344	P	P	06 39 45.0 +0.2
I31A	Royce, Wessing	84.27 342	P	P	06 39 45.2 +0.3
K26A	Motz Farm, Whi	84.28 338	P	P	06 39 46.2 +1.1
SMMC	Simmler	84.34 323	P	P	06 39 47.0 +1.5
VES	Vestal, Richgr	84.34 324	P	P	06 39 46.2 +0.7
CWC	Cottonwood Cre	84.37 325	P	P	06 39 46.4 +0.5
I30A	Oacoma	84.38 341	P	P	06 39 45.8 +0.3
J28A	Allard Ranch,	84.40 340	P	P	06 39 46.8 +1.1
K25A	Mack Ranch, Ha	84.40 338	P	P	06 39 47.3 +1.5
J27A	Elkhorn Farm,	84.45 339	P	P	06 39 46.2 +0.2
H32A	Carlson Farm,	84.45 343	P	P	06 39 47.3 +1.4
H33A	Prehn Over Nor	84.46 344	P	P	06 39 47.6 +1.7
I29A	Vivian Onida	84.47 341	P	P	06 39 47.6 +0.4
K24A	Anderson Ranch	84.79 337	P	P	06 39 48.4 +0.6
RCTC	Rector, Farmer	84.80 324	P	P	06 39 48.2 +0.5
J26A	Sides Ranch, S	84.81 339	P	P	06 39 48.3 +0.6

2010 AUG

NLU	North Lily Min	84.83 331	eP	P	06 39 49.5 +1.3
R11A	Troy Canyon, C	84.87 328	P	P	06 39 48.5 +0.2
R11A	Troy Canyon, C	84.87 328	eP	P	06 39 49.7 +1.4
I28A	Midland	84.92 340	P	P	06 39 48.2 0.0
TIN	Tinemaha	84.95 326	P	P	06 39 49.2 +0.6
K23A	Bowen Ranch, D	85.07 337	P	P	06 39 49.3 +0.1
J25A	Sunshine Ranch	85.09 338	P	P	06 39 49.8 +0.5
I27A	Quinn	85.22 340	P	P	06 39 49.8 0.0
H29A	Onida	85.25 341	P	P	06 39 49.7 -0.2
K22A	Casper	85.26 336	P	P	06 39 50.3 +0.2
K22A	Casper	85.26 336	eP	P	06 39 50.7 +0.5
J24A	Dixon Ranch, L	85.30 338	P	P	06 39 50.6 +0.4
DUG	Dugway	85.33 331	eP	P	06 39 52.9 +2.4
DUG	comp=Z,23nm,1.3s		pmax	pmax	
DUG	Dugway	85.33 331	P	P	06 39 50.8 +0.3
DUG	Dugway	85.33 331	eP	P	06 39 52.9 +2.4
TPH	Tomopah	85.35 327	eP	P	06 39 51.9 +1.2
TPH	comp=Z,22nm,1.1s		pmax	pmax	
TPH	Tomopah	85.35 327	eP	P	06 39 51.9 +1.2
I26A	New Underwood	85.41 339	P	P	06 39 50.6 -0.2
G30A	Faulkton	85.45 342	P	P	06 39 50.7 -0.2
H28A	Mission Ridge	85.50 341	P	P	06 39 50.9 -0.2
TCUT	Toone Canyon	85.59 332	P	P	06 39 52.4 +0.4
TCUT	comp=Z,15nm,0.9s		pP	pP	06 40 00.5 -0.1
J23A	Ditts Ranch, B	85.63 337	eP	P	06 39 51.7 -0.3
MLAC	Mammoth Lakes	85.69 325	P	P	06 39 52.5 -0.1
G29A	Hoven	85.70 342	P	P	06 39 51.9 -0.2
H27A	Hoves	85.75 340	P	P	06 39 52.3 -0.1
I24A	Kuemmerle Ranc	85.77 338	P	P	06 39 53.1 +0.5
RSSD	Black Hills	85.83 338	eP	P	06 39 53.0 0.0
RSSD	comp=Z,16nm,0.8s		pmax	pmax	
RSSD	Black Hills	85.83 338	eP	P	06 39 53.0 0.0
G28A	Parade	85.85 341	P	P	06 39 52.7 -0.1
H26A	Fairpoint	85.92 339	P	P	06 39 52.6 -0.7
J22A	Midwest	85.93 337	P	P	06 39 53.7 +0.2
HWUT	Hardware Ranch	86.08 332	eP	P	06 39 54.7 +0.4
F30A	Leo	86.08 342	P	P	06 39 54.5 +0.5
NVAR	Mina Array Bea	86.11 326	P	P	06 39 55.6 +1.0
H25A	Fruite	86.16 339	P	P	06 39 54.8 +0.3
J21A	Lysite	86.18 336	P	P	06 39 54.8 0.0
F29A	Eureka	86.28 342	P	P	06 39 55.1 +0.2
I22A	9 Mile Ranch,	86.36 337	P	P	06 39 55.9 +0.3
BW06	Boulder Array	86.38 334	eP	P	06 39 57.7 +1.9
PDAR	Pinedale Array	86.38 334	P	P	06 39 55.2 -0.6
G27A	Dupree	86.40 340	P	P	06 39 56.1 +0.5
J20A	Shohoni	86.40 335	P	P	06 39 56.1 +0.3
TOAO	Torodi Ar. Sit	86.47 71	eP	P	06 39 56.2 -0.4
TORD	Torodi Ar. Bea	86.47 71	P	P	06 39 56.2 -0.4
TORD	comp=Z,8.8nm,0.7s,baz=225,slow=4.1,SNR=5.3		LR	LR	07 14 49.7
G26A	Maurine	86.50 340	P	P	06 39 55.6 -0.5
F28A	McLaughlin	86.54 341	P	P	06 39 56.2 0.0
I21A	Big Trails, Te	86.55 336	P	P	06 39 56.4 -0.1
H24A	Dirks Ranch, A	86.55 338	P	P	06 39 56.2 -0.2
EYMN	Ely	86.57 348	P	P	06 39 55.9 -0.4
G25A	Newell	86.64 339	P	P	06 39 56.6 -0.2
H23A	Clabaugh Cattl	86.64 338	P	P	06 39 57.5 +0.6
J19A	Crowheart	86.64 335	P	P	06 39 56.8 -0.2
HVU	Hansel Valley	86.68 332	eP	P	06 39 59.5 +2.3
HVU	comp=Z,14nm,1.0s		pmax	pmax	
HVU	Hansel Valley	86.68 332	eP	P	06 39 59.5 +2.3
WAKR	Walker	86.68 326	eP	P	06 39 53.4 -3.9
E30A	Jud	86.68 343	P	P	06 39 56.2 -0.7
MSNA	Messina	86.71 116	eP	P	06 39 58.5 +0.7
MSNA	comp=Z,58nm,1.5s		AMB	AMB	06 39 59.8
ELK	Elko	86.76 330	eP	P	06 39 58.3 +0.6
ELK	comp=Z,11nm,1.0s		pmax	pmax	
ELK	Elko	86.76 330	eP	P	06 39 58.3 +0.6
F27A	Lemmon	86.88 340	P	P	06 39 57.3 -0.6
E29A	Napoleon	86.92 342	P	P	06 39 57.9 -0.2
I20A	Worldand	86.94 336	P	P	06 39 58.1 -0.3
H22A	Clearmont	86.96 337	P	P	06 39 57.8 -0.6
F26A	Lodgepole	87.03 340	P	P	06 39 58.4 -0.3
G24A	Alzada	87.04 339	P	P	06 39 58.2 -0.6
E28A	Huff	87.19 342	P	P	06 39 59.4 0.0
H21A	Big Horn, Sher	87.20 337	P	P	06 39 59.9 -0.7
G23A	Bidie	87.21 338	P	P	06 39 58.9 -0.7
D30A	Buchanan	87.22 343	P	P	06 39 59.3 -0.2
E27A	Person	87.27 341	P	P	06 39 59.5 -0.3
I19A	Meeteetse	87.31 335	P	P	06 39 59.8 -0.4
F25A	Bowman	87.32 340	P	P	06 39 59.8 -0.3
REDW	Red Top Meadow	87.35 334	eP	P	06 39 50.7 +0.2
D29A	Pettibone, Tap	87.37 342	P	P	06 40 00.1 -0.1
H20A	Greybull	87.38 336	P	P	06 40 00.6 +0.1
SNOW	Snow King Moun	87.41 334	eP	P	06 40 01.0 +0.2
LOHW	Long Hollow	87.48 334	eP	P	06 40 01.1 0.0
TPAW	Teton Pass	87.50 334	eP	P	06 40 01.5 +0.2
G22A	Birney	87.50 337	P	P	06 40 01.1 +0.1
F24A	Ekalaka	87.52 339	P	P	06 40 01.0 -0.1
E26A	Carlson Angus	87.55 340	P	P	06 40 00.7 -0.4

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MOOW	Moose Ponds	87.65 334	eP	P	06 40 02.2 +0.3
FXWY	Fox Creek	87.65 334	eP	P	06 40 02.2 +0.2
F23A	Volborg	87.69 338	P	P	06 40 01.5 -0.3
C30A	Mose, Pekin	87.71 343	P	P	06 40 01.8 -0.1
AGMN	Agassiz Nation	87.72 345	P	P	06 40 01.3 -0.6
AGMN	Agassiz Nation	87.72 345	eP	P	06 40 01.6 -0.2
D28A	Regan	87.73 342	P	P	06 40 02.0 0.0
G21A	Lodge Grass	87.79 337	P	P	06 40 02.6 +0.2
E25A	Miller Ranch,	87.83 340	P	P	06 40 03.1 +0.5
IMW	Indian Meadow	87.85 334	eP	P	06 40 03.3 +0.3
H19A	Powell	87.87 335	P	P	06 40 02.7 -0.1
D27A	Center	87.89 341	P	P	06 40 02.5 -0.3
FLWY	Flagg Ranch	87.93 334	eP	P	06 40 04.0 +0.7
F22A	Rosebud	88.00 338	P		

Table with columns for station name, frequency, and various technical parameters. Includes stations like DPC, KRLC, VYHS, and others.

Table with columns for station name, frequency, and various technical parameters. Includes stations like DMN, PKIN, PKI, and others.

Table with columns for station name, frequency, and various technical parameters. Includes stations like NICH, U73B, CFAA, and others.

IDC 05 06:28:31.0.2.7.579S:150.77E, h0km, mb4.0/3, mb1 4.1/4, mb1mx3.7/36, mbtmp4.0/4, ML1.7/1. Error ellipse: s-maj=79.6km s-min=41.6km az=115.0, New Britain region

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, and other parameters. Includes stations like PMG, WRA, ASAR, STKA, and TORD.

GUC 05 06:38:45.6.0.6.37:24S:74.10W, h21km, mb4.3/4, IDC 05 06:38:45.7.0.6.37:57S:73.59W, h0km, mb4.4/13, mb1 4.5/7, mb1mx4.4/27, mbtmp4.4/17, ML3.5/3, MS4.2/3, Ms1 4.2/3, ms1mx3.9/23, Error ellipse: s-maj=251.9km s-min=13.6km az=90.0

NEIC 05 06:38:51.4.0.3.37:50S:73.45W, h35km, mb4.7/20, Error ellipse: s-maj=7.9km s-min=5.5km az=95.0

NEIC Felt (III) at Angol, Concepcion, Puren, Renico and Temuco. Also felt at Arauco.

ISC 05 06:38:49.8.0.4.37:44S:0.04W:73.53W, h0.08, h23km, n72, r=132.82, mb4.6/34, 1C, Near coast of central Chile

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, and other parameters. Includes stations like U14B, U14C, U14D, COCH, LNCH, VLCH, TALC, U65B, and NICH.

IDC 05 06:41:38.5.2.5.54:26N:85.96E, h0km, mb1 3.2/2, mb1mx3.1/30, mbtmp3.2/2, ML3.0/2, Error ellipse: s-maj=18.1km s-min=10.6km az=54.0, Southwestern Siberia

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, and other parameters. Includes stations like I46RU, ZALV, ZALV, ZALV, and others.

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

DDA 05:07:07:51.0, 37:23N, 28:19E, h7km, MD2.6
ISC 05:07:51.0, 0.3, 37.21N, 0.03, 28.20E, 0.02, h12km, gkm,
n22, c0535/36, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, KURK Kurchatov, BVB Kurchatov Arra, etc.

CSEM 05:06:43:51.8, 0.43, 46N, 12:38E, h7km, MD1.4/6
ROM 05:06:43:51.8, 0.43, 46N, 12:38E, h7km, MD1.4/6,
M10, 7/2, Error ellipse: s-maj=0.7km s-min=0.7km
az=30.0, Central Italy

DDA 05:07:07:51.0, 37:23N, 28:19E, h7km, MD2.6
ISC 05:07:51.0, 0.3, 37.21N, 0.03, 28.20E, 0.02, h12km, gkm,
n22, c0535/36, Turkey

DDA 05:07:07:51.0, 37:23N, 28:19E, h7km, MD2.6
ISC 05:07:51.0, 0.3, 37.21N, 0.03, 28.20E, 0.02, h12km, gkm,
n22, c0535/36, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ATPI Pietralunga, ATPI, ATPC Poggio Castell, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AKAS Malin Array Be, AKAS, AKAS, etc.

DDA 05:07:07:51.0, 37:23N, 28:19E, h7km, MD2.6
ISC 05:07:51.0, 0.3, 37.21N, 0.03, 28.20E, 0.02, h12km, gkm,
n22, c0535/36, Turkey

DDA 05:07:07:51.0, 37:23N, 28:19E, h7km, MD2.6
ISC 05:07:51.0, 0.3, 37.21N, 0.03, 28.20E, 0.02, h12km, gkm,
n22, c0535/36, Turkey

DDA 05:07:07:51.0, 37:23N, 28:19E, h7km, MD2.6
ISC 05:07:51.0, 0.3, 37.21N, 0.03, 28.20E, 0.02, h12km, gkm,
n22, c0535/36, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CSCP San Pedro de C, CSCP, CSCP, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BRPK Brown Peak, BRPK, BRPK, etc.

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

GUC 05:06:55:17.4, 0.3, 37.54S, 73:96W, h5km, gkm, ML4.0, Near coast of central Chile

GUC 05:06:55:17.4, 0.3, 37.54S, 73:96W, h5km, gkm, ML4.0, Near coast of central Chile

GUC 05:06:55:17.4, 0.3, 37.54S, 73:96W, h5km, gkm, ML4.0, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CSCP San Pedro de C, CSCP, CSCP, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BRPK Brown Peak, BRPK, BRPK, etc.

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

GUC 05:07:00:11.5, 0.4, 37.39S, 74:19W, h29km, 3km, ML4.2, Off coast of central Chile

GUC 05:07:00:11.5, 0.4, 37.39S, 74:19W, h29km, 3km, ML4.2, Off coast of central Chile

GUC 05:07:00:11.5, 0.4, 37.39S, 74:19W, h29km, 3km, ML4.2, Off coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CSCP San Pedro de C, CSCP, CSCP, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BRPK Brown Peak, BRPK, BRPK, etc.

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

ISK 05:07:07:50.6, 37:22N, 28:22E, h13km, MD2.5
ISCJB 05:07:51.0, 0.3, 37:23N, 0.03, 28:20E, 0.03, h1km, 7km,
Error ellipse: s-maj=5.8km s-min=4.3km az=16.5

ISK 05:07:07:50.6, 37:22N, 28:22E, h13km, MD2.5
ISCJB 05:07:51.0, 0.3, 37:23N, 0.03, 28:20E, 0.03, h1km, 7km,
Error ellipse: s-maj=5.8km s-min=4.3km az=16.5

ISK 05:07:07:50.6, 37:22N, 28:22E, h13km, MD2.5
ISCJB 05:07:51.0, 0.3, 37:23N, 0.03, 28:20E, 0.03, h1km, 7km,
Error ellipse: s-maj=5.8km s-min=4.3km az=16.5

comp=Z,1.6nm,0.5s,baz=106,slow=3.3,SNR=3.4
DBIC Dimpbokro 156.11 273 PKPab PKPab 07 32 30.9 +1.1
comp=Z,4.5nm,0.9s,baz=111,slow=8.9,SNR=3.0

IDC 05 07:18:40.7:1.4,1.27N,126.54E,h0km,mb3.9/8,
mb1 4.1/3,mb1mx3.8/4.3,mbtmp3.4/0.8, Error ellipse:
s-maj=190.4km s-min=15.8km az=67.0, Northern
Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, etc.

DDA 05 07:31:32.0:1.0,0.97N,34.41E,h7km,MD2.8
ISK 05 07:31:31.2:41.00N,34.40E,h5km,MD2.6
CSEM 05 07:31:31.9:0.2,0.99N,34.39E,h5km,MD2.6, Error
ellipse: s-maj=3.8km s-min=2.6km az=161.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include TOS Tosya, CTCT Corum, BYBT Boyabat, etc.

DDA 05 07:32:47.6:37.01N,28.51E,h7km,MD2.5
ISCJB 05 07:32:48.1:0.6,37.04N,28.52E,h6km,MD2.7
Error ellipse: s-maj=8.4km s-min=4.9km az=36.5

CSEM 05 07:32:48.2:0.2,37.04N,28.53E,h12km,MD2.5, Error
ellipse: s-maj=7.0km s-min=4.8km az=44.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include YER Yerkesik, TURN Turunc, DALY Dalyan (Mu'la), etc.

DDA 05 07:42:08.2:36.95N,28.88E,h7km,MD2.6
ISCJB 05 07:42:10.0:0.0,37.05N,28.87E,0.04,h3km,8km,
Error ellipse: s-maj=6.1km s-min=5.0km az=167.4

CSEM 05 07:42:09.4:0.3,37.00N,28.89E,h15km,MD2.6, Error
ellipse: s-maj=6.7km s-min=4.8km az=169.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include TURN Turunc, DALY Dalyan (Mu'la), YER Yerkesik, etc.

2010 AUG

IDC 05 07:46:54.0:3.4,6.33S,150.75E,h0km,mb3.3/2,
mb1 3.7/2,mb1mx3.3/2,mbtmp3.4/2, Error ellipse:
s-maj=135.6km s-min=45.8km az=119.0, New Britain
region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, TORO Torodi Ar, etc.

IDC 05 07:50:24.7:1.0,6.00S,150.99E,h0km,mb4.0/7,
mb1 4.2/8,mb1mx3.9/27,mbtmp4.0/8,ML1.9/1,MS3.6/1,
Ms1 3.6/1,ms1mx3.0/30, Error ellipse: s-maj=36.1km
s-min=19.9km az=121.0

NEIC 05 07:50:29.6:0.6,6.15S,151.00E,h35km,mb4.4/2, Error
ellipse: s-maj=17.4km s-min=11.4km az=153.0

ISC 05 07:50:30.4:0.8,6.25S,151.01E,0.1,h43km,n14,
r134/16,mb4.2/10, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include PMG Port Moresby, HNR Honiara, WRAB Tennant Creek, etc.

IDC 05 07:53:41.7:4.2,5.86S,150.73E,h0km,mb3.2/2,
mb1 3.6/2,mb1mx3.3/18,mbtmp3.3/2, Error ellipse:
s-maj=169.7km s-min=53.6km az=118.0, New Britain
region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, TORO Torodi Ar, etc.

ISCJB 05 07:54:13.6:0.9,32.15N,103.115W,0.05,h13km,8km,
Error ellipse: s-maj=7.1km s-min=4.9km az=162.1

MEX 05 07:54:14.8:0.3,32.23N,115.04W,h28km,10km,MD3.6
ECX 05 07:54:15.3:0.5,32.16N,115.25W,h10km,MD2.5,ML2.7
ISC 05 07:54:13.4:1.3,32.15N,103.115W,0.04,h20km,4km,
n18,r0530/28,7C-4D, California-Baja California border
region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CPBX Cerro Prieto, EMSC East Mesa, SGL Mount Signal, etc.

IDC 05 08:00:28.1:1.2,7.00S,151.07E,h0km,mb4.0/7,
mb1 4.2/8,mb1mx3.9/37,mbtmp4.0/8,ML1.4/1,MS3.4/1,
Ms1 3.4/1,ms1mx2.8/29, Error ellipse: s-maj=47.5km
s-min=18.8km az=121.0

ISCJB 05 08:00:32.0:3.0,7.25S,151.15E,0.08,h40km,
mb4.3/13, Error ellipse: s-maj=17.2km s-min=8.0km
az=145.5

NEIC 05 08:00:33.7:0.4,7.07S,151.04E,h35km,mb4.5/8, Error
ellipse: s-maj=14.4km s-min=8.6km az=140.0

ISC 05 08:00:34.2:0.7,7.05S,151.01E,0.10,h40km,n19,
r114/20,mb4.3/13, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include PMG Port Moresby, HNR Honiara, WRAB Tennant Creek, etc.

5d 8h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include GSPA South Pole Qui, MCK McKinley, COLA Colonge, etc.

IDC 05 08:03:57.7:1.0,45.04N,02.28W,h0km,mb3.7/9,
mb1 3.8/10,mb1mx3.6/46,mbtmp3.6/10,ML3.9/1,MS4.1/3,
Ms1 4.1/3,ms1mx3.3/38, Error ellipse: s-maj=33.1km
s-min=19.7km az=6.0

ISCJB 05 08:03:58.2:0.9,45.04N,02.28W,0.2,h14km,mb3.7/9,
MS4.1/3, Error ellipse: s-maj=26.0km s-min=15.5km
az=6.0

ISC 05 08:03:59.9:1.0,45.04N,02.28W,0.1,h14km,n18,
r0597/13,mb3.7/9,MS4.1/3, Northern Mid-Atlantic Ridge
region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include EKA Eskdalemuir Ar, GERAS Geres Array B, AKASG Malin Array B, etc.

IDC 05 08:10:33.4:4.8,6.09S,151.11E,h0km,mb3.4/2,
mb1 3.7/2,mb1mx3.3/29,mbtmp3.5/2, Error ellipse:
s-maj=228.7km s-min=52.0km az=120.0, New Britain
region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, TORO Torodi Ar, etc.

ISCJB 05 08:10:38.9:0.8,13.50N,0.03,60.83W,0.08,h119km,6km,
Error ellipse: s-maj=12.9km s-min=4.3km az=6.6

FUNV 05 08:10:38.3,13.28N,60.55W,h11km,MD3.1,
TRN 05 08:10:39.1,13.53N,60.80W,h11km,MD3.5,MS3.5(FFD)
ISC 05 08:10:39.1:1.6,13.48N,0.04,60.72W,0.09,
h117km,11km,n22,r132/33,1C, Windward Islands
region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MCLT Moule a Chique, BEL Belmont, FDF Fort de France, etc.

IDC 05 08:13:23.5:1.1,53.70N,165.81W,h0km,mb3.8/13,
mb1 4.0/15,mb1mx3.9/47,mbtmp3.8/15,ML3.7/2, Error
ellipse: s-maj=28.6km s-min=15.0km az=178.0

NEIC 05 08:13:27.7:1.5,53.39N,165.38W,h13km,ML4.0(AEIC), After
AEIC

ISC 05 08:13:27.7:1.5,53.39N,165.38W,0.06,165.43W,0.04,
h25km,12km,n67,r120/63,mb3.8/14, Fox Islands
region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include AHB Akutan Harbor, AKUT Akutan Strait, AKUT Akutan, etc.

352A	Millersview	12.71	6	P	Pn	09 23 48.2 +0.9
329A	Wagon Wheel Ra	12.75	357	P	Pn	09 23 49.7 +1.9
333A	Richard Sprin	12.75	9	P	Pn	09 23 48.6 +0.8
334A	Lometa	12.89	12	P	Pn	09 23 50.2 +0.6
437A	Phantom Ranch,	12.96	20	P	Pn	09 23 51.1 +0.4
335A	Moody	13.02	15	P	Pn	09 23 52.2 +0.8
438A	Sam Houston St	13.12	23	P	Pn	09 23 53.3 +0.5
230A	Sterling City	13.13	1	P	Pn	09 23 54.9 +1.9
231A	Bronte	13.21	4	P	Pn	09 23 54.8 +0.8
229A	Bryant Ranch,	13.22	358	P	P	09 23 58.5 -2.5
232A	Coleman	13.22	6	P	Pn	09 23 54.8 +0.7
336A	Riesel	13.27	17	P	Pn	09 23 54.4 -0.3
228A	UT Block 9, Go	13.41	355	P	Pn	09 23 59.0 +2.4
233A	Rising Star	13.44	9	P	Pn	09 23 58.2 +1.2
234A	Clairette	13.56	12	P	Pn	09 23 59.2 +0.6
338A	Crockett	13.73	22	P	Pn	09 24 00.9 +0.2
130A	Snyder	13.84	1	P	Pn	09 24 04.8 +2.6
129A	Stewart Farms,	13.88	358	P	Pn	09 24 05.2 +2.3
128A	Castleberry Fa	13.90	356	P	Pn	09 24 05.2 +2.1
236A	Katherine and	13.93	17	P	Pn	09 24 03.8 +0.4
131A	Roby	13.94	3	P	Pn	09 24 05.1 +1.6
ABTX	Abilene, Hawle	13.95	6	P	Pn	09 24 04.8 +1.2
ABTX	Abilene, Hawle	13.95	6	ePn	Pn	09 24 05.2 +1.6
339A	Huntington	13.99	25	P	Pn	09 24 03.8 -0.3
133A	Hamilton Ranch	14.02	8	P	Pn	09 24 04.9 +0.4
134A	White-Moore Ra	14.12	11	P	Pn	09 24 06.6 +0.8
135A	Vickery Place,	14.24	14	P	Pn	09 24 08.3 +0.8
NATX	Nacogdoches	14.33	24	P	Pn	09 24 07.8 -0.8
NATX	Nacogdoches	14.33	24	ePn	Pn	09 24 07.6 -1.0
340A	Bronson	14.34	27	P	Pn	09 24 08.1 -0.6
136A	Ennis	14.38	17	P	Pn	09 24 09.1 -0.1
238A	Jacksonville	14.38	22	P	Pn	09 24 08.7 -0.6
Z29A	Hungry Hill Ra	14.41	359	P	Pn	09 24 12.9 +2.0
Z30A	Sanderson Ranc	14.53	1	P	Pn	09 24 12.1 +0.9
Z28A	Tucker Farm, M	14.56	356	P	Pn	09 24 13.2 +1.6
Z31A	Sharp Cattle R	14.60	4	P	Pn	09 24 12.5 +0.5
Z39A	Gary	14.63	24	P	Pn	09 24 11.8 -0.7
Z32A	Haskell	14.64	6	P	Pn	09 24 13.1 +0.4
Z33A	Whitaker Ranch	14.71	8	P	Pn	09 24 13.7 +0.3
137A	Heron Place, G	14.72	19	P	Pn	09 24 13.0 -0.6
121A	Cookes Peak, D	14.95	338	P	Pn	09 24 18.6 +1.9
121A	Cookes Peak, D	14.95	338	ePn	Pn	09 24 20.2 -0.2
138A	Matatal Enter	14.99	21	P	Pn	09 24 16.4 -0.7
Y29A	Porterfield Fa	15.10	359	P	Pn	09 24 19.2 +0.6
Y30A	Stafford Cattl	15.12	1	P	Pn	09 24 19.4 +0.6
Z36A	Blue Ridge	15.16	16	P	Pn	09 24 19.1 -0.1
Y28A	McKinney Farm,	15.17	357	P	Pn	09 24 20.9 +1.4
Y31A	Rieketa Farm,	15.23	3	P	Pn	09 24 20.3 +0.2
Y32A	R-V Farms, Ver	15.34	6	P	Pn	09 24 22.0 +0.5
Y33A	Hilltop Ranch,	15.44	8	P	Pn	09 24 22.7 -0.1
Y34A	Reagan Ranch,	15.53	11	P	Pn	09 24 23.9 0.0
Z38A	Mt. Pleasant	15.57	20	P	Pn	09 24 23.7 -0.7
X29A	Tulia	15.69	359	P	Pn	09 24 26.3 +0.3
X30A	Coker Ranch, T	15.69	1	P	Pn	09 24 26.3 +0.3
X32A	Elmer	15.77	6	P	Pn	09 24 27.1 +0.2
X28A	Dimmitt	15.78	357	P	Pn	09 24 27.7 +0.6
X31A	McDonald Ranch	15.91	4	P	Pn	09 24 29.2 +0.4
X33A	Lawton	15.98	9	P	Pn	09 24 29.3 -0.2
Y37A	Hugo	16.05	17	P	Pn	09 24 30.9 +0.4
X35A	Drake	16.11	13	P	Pn	09 24 31.3 0.0
WMOK	Wichita Mounta	16.14	8	ePn	Pn	09 24 29.6 -2.0
X34A	Smith Ranch, M	16.14	10	P	Pn	09 24 31.8 +0.2
W29A	Amrillo	16.36	359	P	P	09 24 35.9 0.0
X36A	Centrahoma	16.42	15	P	Pn	09 24 35.1 +0.1
W30A	Crockett Farms	16.43	2	P	Pn	09 24 36.1 -0.6
W32A	Sentinel	16.46	6	P	Pn	09 24 35.9 +0.2
W31A	Holland Ranch,	16.47	4	P	Pn	09 24 36.3 +0.6
LAZ	Ladron	16.47	343	ePn	P	09 24 38.1 +0.8
W28A	Vega	16.51	357	P	P	09 24 37.1 -0.5
W33A	Caddo, Fort Co	16.58	8	P	P	09 24 38.0 -0.3
X37A	Clayton	16.69	17	P	Pn	09 24 38.2 -0.3
W34A	Bridge Creek,	16.77	10	P	Pn	09 24 39.5 +0.1
214A	Organ Pipe Nat	16.77	324	ePn	P	09 24 41.7 +1.3
ANMO	Albuquerque	16.81	345	P	P	09 24 42.7 +1.7
ANMO	Albuquerque	16.81	345	ePn	LR	09 31 47.2
W35A	Tecumseh	16.86	13	P	Pn	09 24 40.7 +0.2
X38A	Whitesboro	16.93	19	P	Pn	09 24 41.2 -0.2
W36A	Wetumka	16.99	14	P	Pn	09 24 41.6 -0.5
V28A	Channing	17.00	358	P	P	09 24 43.0 0.0
V27A	Dan Oppiter Fa	17.04	356	P	P	09 24 44.2 +0.7
V31A	Spring Creek L	17.06	4	P	Pn	09 24 44.1 +0.5
V32A	Arapaho	17.08	6	P	Pn	09 24 43.5 +0.3
V29A	Stinnett	17.11	359	P	P	09 24 44.6 +0.5
MIAR	Mount Ida	17.23	22	P	Pn	09 24 44.2 -0.8

MIAR	Mount Ida	17.23	22	eP	Pn	09 24 44.3 -0.7
V33A	Lossen Ranch,	17.27	8	P	Pn	09 24 45.4 -0.2
W38A	Poteau	17.39	19	P	Pn	09 24 46.4 -0.6
V34A	Guthrie	17.40	10	P	Pn	09 24 46.9 -0.2
V35A	Meyer Ranch, C	17.46	12	P	Pn	09 24 47.2 -0.6
V36A	Jenks	17.68	15	P	P	09 24 49.4 -0.9
U27A	Thompson Grove	17.70	356	P	Pn	09 24 51.4 +0.5
U30A	WK&E Inc. Balk	17.77	2	P	P	09 24 51.3 -0.1
TUL1	Tulsa	17.83	15	P	P	09 24 51.7 -0.3
TUL1	Tulsa	17.83	15	eP	P	09 24 51.5 -0.5
V37A	Hulbert	17.97	16	P	P	09 24 52.9 -0.7
U34A	Anderson Ranch	17.98	10	P	P	09 24 53.4 -0.3
U35A	Pawnee	18.07	12	P	P	09 24 54.4 -0.2
V38A	Canehill	18.16	18	P	P	09 24 55.1 -0.6
V30A	Plains	18.30	2	P	P	09 24 57.6 +0.3
T27A	Campo	18.34	356	P	P	09 24 58.0 +0.3
T28A	Walsh	18.37	358	P	P	09 24 58.2 +0.2
T29A	Hugoton	18.39	0	P	P	09 24 58.4 +0.2
U37A	Salina	18.47	16	P	P	09 24 58.5 -0.5
T26A	Comanche Natio	18.51	354	P	P	09 25 00.2 +0.5
T32A	Huelter Ranch,	18.53	6	P	P	09 24 59.4 -0.4
T25A	Trinidad	18.57	352	P	P	09 25 00.8 +0.5
T34A	McClaskey Farm	18.61	10	P	P	09 24 59.9 -0.7
T35A	Sooner Cattle	18.64	12	P	P	09 24 60.0 -0.9
U38A	Gravette	18.70	18	P	P	09 25 00.4 -1.2
S28A	Manter	18.83	359	P	P	09 25 03.4 +0.3
S29A	Ulysses	18.85	1	P	P	09 25 03.2 -0.1
S30A	Montezuma	18.89	2	P	P	09 25 03.6 -0.1
T36A	Boggs Farm, Ca	18.91	14	P	P	09 25 03.4 -0.4
S31A	Mullinville	18.92	5	P	P	09 25 03.6 -0.4
WUAZ	Wupatki	18.97	334	P	Pn	09 25 05.6 -0.6
WUAZ	Wupatki	18.97	334	ePn	Pn	09 25 08.6 +2.4
OXF	Oxford	18.99	32	ePn	P	09 25 05.5 -0.7
T37A	Cheneyville 18	19.20	16	P	P	09 25 06.2 -0.8
LRAL	Lakeview Retre	19.21	39	eP	P	09 25 05.3 -1.8
S34A	Willow Spring	19.29	10	P	P	09 25 07.0 -1.0
SDCO	Great Sand Dun	19.32	350	P	Pn	09 25 09.7 -0.8
SDCO	Great Sand Dun	19.32	350	eP	Pn	09 25 09.9 -0.6
S35A	Otter Creek Ra	19.41	12	P	P	09 25 08.1 -1.2
MVCO	Mesa Verde	19.49	343	P	Pn	09 25 11.5 -0.9
MVCO	Mesa Verde	19.49	343	ePn	Pn	09 25 13.6 +1.2
R30A	Dighton	19.54	2	P	P	09 25 10.4 -0.3
R27A	Eads	19.56	357	P	P	09 25 11.9 +0.9
MONP	Monument Peak	19.57	319	P	P	09 25 11.8 +0.5
R28A	Tribune	19.58	359	P	P	09 25 11.9 +0.7
S22A	4UR Ranch, Cre	19.58	347	P	P	09 25 12.2 +0.7
R31A	Burdett	19.58	4	P	P	09 25 11.7 +0.5
S36A	Lak Cedric, C	19.61	14	P	P	09 25 10.6 -0.9
R26A	Arlington	19.62	355	P	P	09 25 12.2 +0.6
R29A	Marienthal	19.66	0	P	P	09 25 11.7 -0.4
IRM	Iron Mountain	19.72	324	P	P	09 25 13.1 +0.3
R33A	Olander Ranch,	19.75	8	P	P	09 25 12.6 -0.5
S37A	Fort Scott	19.82	15	P	P	09 25 12.8 -1.0
R34A	Isabella, Hill	19.85	9	P	P	09 25 13.7 -0.4
PFO	Pinyon Flat Ob	20.08	321	P	Pn	09 25 20.4 +1.1
BELO	Belle Mtn. Jos	20.09	322	P	LR	09 32 09.4
CBKS	Cedar Bluff	20.09	4	P	P	09 25 17.3 +0.4
CBKS	Cedar Bluff	20.09	4	eP	P	09 25 16.7 0.0
Q29A	Oakley	20.12	1	P	P	09 25 16.9 +0.1
HALT	Halls	20.15	29	P	P	09 25 16.3 -0.8
R36A	Gordon, Harris	20.20	13	P	P	09 25 15.4 -1.9
Q30A	Quinter	20.23	3	P	P	09 25 16.8 -0.0
Q26A	Hugo	20.24	355	P	P	09 25 19.0 +0.5
KSCO	Kaye Shedlock	20.27	357	P	P	09 25 18.8 +0.1
KSCO	Kaye Shedlock	20.27	357	eP	P	09 25 19.2 +0.4
KSCO	Kaye Shedlock	20.27	357	ePn	P	09 25 39.1 +4.0
Q28A	Sharon Springs	20.30	359	P	P	09 25 19.1 +0.1
Q31A	Ellis	20.30	4	P	P	09 25 19.1 +0.1
R37A	Teagarden Farm	20.35	15	P	P	09 25 18.5 -1.0
Q32A	Meitler Ranch,	20.36	6	P	P	09 25 19.2 -0.4
PBMO	Poplar Bluff	20.40	26	eP	P	09 25 19.6 -0.5
TIGA	Tifton	20.44	48	P	P	09 25 16.7 -3.8
Q33A	Cortely Farm,	20.45	8	P	P	09 25 20.4 -0.2
GMRC	Granite Mounta	20.46	324	P	P	09 25 20.9 0.0
Q34A	Chapman	20.51	10	P	P	09 25 20.8 -0.4
Q35A	Mercer Eighty,	20.61	12	P	P	09 25 21.4 -0.9
KSU1	Kansas State U	20.74	10	P	P	09 25 22.7 -0.9
P30A	Selden	20.79	2	P	P	09 25 23.7 -0.6
P28A	Saint Francis	20.80	359	P	P	09 25 24.1 -0.4
P27A	Ficken Ranch,	20.81	357	P	P	09 25 25.2 +0.7
BBRC	Big Bear Solar	20.81	321	P	P	09 25 24.8 0.0
P31A	Stockton	20.82	4	P	P	09 25 24.1 -0.5
P29A	Atwood	20.83	1	P	P	09 25 24.7 -0.1
P26A	Davis Ranch, A	20.86	356	P	P	09 25 25.7 +0.6

HEC	Hector,Ludlow	20.87	323	P	P	09 25 26.1 +0.9
P33A	Williams Farm,	20.90	8	P	P	09 25 24.9 -0.5
Q37A	Lowview Farm,	20.98	15	P	P	09 25 25.9 -0.3
P32A	Huiting Farm,	20.98	6	P	P	09 25 26.3 0.0
SMCO	Snowmass	20.99	348	eP	P	09 25 27.7 +1.0
SCI	San Clemente I	20.99	316	P	P	09 25 27.0 +0.6
P34A	Walnut Farm, R	21.14	10	P	P	09 25 28.1 +0.1
P35A	Duane Minner,	21.26	11	P	P	09 25 29.7 +0.5
ISCO	Idaho Springs	21.35	351	P	P	09 25 30.8 +0.3
ISCO	Idaho Springs	21.35	351	eP	P	09 25 31.2 +0.7
O28A	Kruisinger Ran	21.36	359	P	P	09 25 30.9 +0.5
O29A	4D Ranch, Culb	21.36	1	P	P</	

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include J21A Lysite, I30A Oacoma, I28A Midland, J20A Shoshoni, ECSD EROS Data Cent, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include I30A Oacoma, I28A Midland, J20A Shoshoni, ECSD EROS Data Cent, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include AYDB Zeytinokoy-Aydi, AYDB Zeytinokoy-Aydi, BODT Bodrum, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include PVIS Viseu, PVIS Viseu, PVIS Viseu, etc.

IDC 05 10:36:00.5-3.3, 5.64S-150.10E, h0km, mb3.2/2, mb1 3.6/3, mb1mx3.3/35, mbtmp3.4/3, ML1.0/1, Error ellipse: s-maj=128.9km s-min=35.9km az=118.0, New Britain region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, TORO Torodi Ar. Bea.

IDC 05 10:52:05.8-3.2, 6.92S-151.06E, h0km, mb3.3/2, mb1 3.7/3, mb1mx3.4/24, mbtmp3.5/3, ML1.6/1, Error ellipse: s-maj=121.3km s-min=42.9km az=126.0, New Britain region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, TORO Torodi Ar. Bea.

ISCJB 05 10:57:17.1±0.5, 56.689S-08.265W, 0.2, h88km, mb4.6/15, Error ellipse: s-maj=13.5km s-min=11.1km az=152.7

AWI 05 10:57:17.1, 56.688S-26.25W, NEIC 05 10:57:19.4±2.7, 56.71S-26.46W, h94km, 24km, mb4.8/7, Error ellipse: s-maj=10.9km s-min=8.8km az=223.0

IDC 05 10:57:21.3±5.2, 56.71S-26.52W, h110km, 47km, mb4.3/9, mb1 4.4/10, mb1mx4.3/16, mbtmp4.7/10, MS3.5/10, Ms1 3.5/10, ms1mx4.1/16, Error ellipse: s-maj=18.6km s-min=14.8km az=55.0

ISC 05 10:57:18.9±0.5, 56.688S-010.263W, 0.1, h88km, n37, 1524/29, mb4.7/15, 1C-1D, South Sandwich Islands region

Large table listing various stations and their coordinates, including VNA1, SNA4, SNA5, PMSA, USHO, SYA, QSPA, CPUP, MAW, BDFB, BOSA, VANDA, LVN, H10S2, H10S3, H10S1, LBTB, H10N1, H10N3, H10N2, LPAZ, SAML, LSZ, DBIC, ROSC, TORO, STKA, PPT, ASAR, NVAR, YKA, ZALV, SONM, SONN, ILAR, YKA.

IDC 05 10:59:02.3±1.4, 6.76S-150.81E, h0km, mb3.6/5, mb1 3.8/6, mb1mx3.6/19, mbtmp3.6/6, ML1.0/1, Error ellipse: s-maj=80.9km s-min=22.5km az=128.0

ISC 05 10:59:06.8±1.4, 6.65S-150.7E, 0.3, h40km, n7, 189/7, mb3.5/3, New Britain region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, ILAR Eielson Array, YKA Yellowknife Arr.

0.6nm, 0.8s, baz=279, slow=5.4, SNR=2.9 TORO Torodi Ar. Bea 148.83 286 PKPbc PKPab 11 18 52.8 -2.4

IDC 05 11:02:05.9±2.3, 5.94S-150.70E, h0km, mb3.4/2, mb1 3.7/3, mb1mx3.4/28, mbtmp3.5/3, ML1.0/1, Error ellipse: s-maj=123.9km s-min=35.4km az=124.0, New Britain region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, TORO Torodi Ar. Bea.

ISCJB 05 11:17:0.4±0.6, 36.68N-003.90W, 0.03, h38km, 5km, Error ellipse: s-maj=5.1km s-min=3.5km az=42.5

NEIC 05 11:17:18.0±36.69N-90.05W, h1km, MD2.8(CERI), After CERI. NEIC Felt at Bernie, Dexter, East Prairie and Saint Louis, Also felt at Belleville and Granite City, Illinois and at Memphis, Tennessee.

ISC 05 11:11:18.7±1.1, 36.65N-003.90W, 0.03, h8km, 10km, n28, 1920/44, New Madrid region, Missouri

Large table listing various stations and their coordinates, including PARMO, GLAT, UOxford, MIAR, HDIL, W38A, S37A, U37A, SFIN, X38A, S36A, U36A, TUL1.

IDC 05 11:16:33.5±3.0, 5.86S-150.67E, h0km, mb3.7/2, mb1 4.0/3, mb1mx3.5/30, mbtmp3.8/3, ML1.0/1, Error ellipse: s-maj=121.7km s-min=36.9km az=123.0, New Britain region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, TORO Torodi Ar. Bea.

IDC 05 11:17:14.7±3.5, 5.36S-149.98E, h0km, mb3.5/2, mb1 3.9/2, mb1mx3.4/28, mbtmp3.6/2, MS3.1/1, Ms1 3.1/1, ms1mx2.6/20, Error ellipse: s-maj=131.3km s-min=46.6km az=116.0, New Britain region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, TORO Torodi Ar. Bea.

BUL 05 11:20:12.2±1.5, 27.15S-33.05E, h0km, 454km, MD3.7 PRE 05 11:20:33.7±1.0, 25.36S-29.83E, h5km, ML2.5

ISC 05 11:20:35.4±2.8, 25.34S-009.29E, 0.2, h10km, n11, 1847/19, South Africa

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include BNON, OBSV, WOLM, PRYS, SWZ.

SWZ Matopo 5.03 346 i P Pb 11 22 03.8 +0.2

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include MATP, BOSA, BOSHOF, BLWY.

IDC 05 11:29:35.3±1.6, 37.51S-73.41W, h0km, mb3.6/5, mb1 3.9/7, mb1mx3.8/18, mbtmp3.6/7, ML3.2/2, MS3.2/3, Ms1 3.2/3, ms1mx2.9/14, Error ellipse: s-maj=43.3km s-min=25.5km az=143.0

GUC 05 11:29:37.0±7.0, 37.47S-73.78W, h37km, 40km, ML4.7 ISCJB 05 11:29:38.0±0.8, 37.50S-008.734W, 0.2, h23km, mb3.7/6, MS3.5/1, Error ellipse: s-maj=21.6km s-min=8.8km az=24.3

ISC 05 11:29:38.8±1.0, 37.51S-008.735W, 0.2, h23km, n24, 1065/19, mb3.7/6, 2C-2D, Near coast of central Chile

Large table listing various stations and their coordinates, including U14B, CCFP, PSCH, COCH, LINC, TALC, U65B, U65B, CFAA, CPUP, LPAZ, SIV, BDFB, PPT2, TXAR, DBIC, NVAR, TORO, H11S2, H11S1, H11S3, H11N3, H11N1, H11N2, MKAR.

CSEM 05 11:44:27.0±3.4, 40.53N-34.96E, h5km, MD2.6, Error ellipse: s-maj=9.0km s-min=6.9km az=119.0

ISK 05 11:44:35.5, 39.42N-34.68E, h5km, MD2.5 DDA 05 11:44:27.4, 40.50N-35.03E, h7km, MD2.6, Turkey

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include CTKT, HAVZ, YOZ, CDAG, ILGA, ILGA, AFSR.

IDC 05 11:45:08.1±3.4, 5.49S-150.92E, h0km, mb2.9/2, mb1 3.3/3, mb1mx3.2/27, mbtmp3.2/3, ML1.7/1, Error ellipse: s-maj=134.4km s-min=43.1km az=119.0, New Britain region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, TORO Torodi Ar. Bea.

IDC 05 11:47:16.7±0.6, 5.89S-151.08E, h0km, mb4.3/14, mb1 4.4/16, mb1mx4.3/21, mbtmp4.3/16, ML2.9/2, MS3.4/6, Ms1 3.4/6, ms1mx3.1/26, Error ellipse: s-maj=25.3km s-min=12.2km az=109.0

ISCJB 05 11:47:22.0±0.4, 5.81S-150.79E, 0.08, h43km, mb4.3/19, MS3.4/6, Error ellipse: s-maj=12.1km s-min=6.1km az=27.5

NEIC 05 11:47:22.0±0.4, 5.81S-150.93E, h35km, mb4.7/4, Error ellipse: s-maj=14.3km s-min=8.0km az=108.0

AUST 05 11:47:27.0±0.5, 9.50S-150.83E, h76km, Error ellipse: s-maj=1.6km s-min=1.1km az=275.0

ISC 05 11:47:23.3±0.5, 5.83S-008.150E, 0.1, h43km, n49, 1845/49, mb4.2/19, MS3.4/6, New Britain region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include RABL, PMG, WOLM, PRYS, MANU, COEN.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC. Includes stations like MTSU Mount Surprise, CTA Charters Tower, CTAO Charters Tower, QIS Mount Isa, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC. Includes stations like ASAR Alice Springs, ZALV Zalesovo Beam, MKAR Makanchi Array, KURBB Kurchatov Arra, etc.

ISC 05 11:53:51.4, 1.5, 6.49S, 150.52E, h0km, mb4.4/6, mb1.4/1.8, mb1mx4.1/2.1, mbtmp4.4/8, ML3.0/2, Error ellipse: s-maj=4.1km s-min=23.2km az=95.0

ISC 05 12:01:26.6, 0.9, 19.03N, 144.68E, h0km, mb3.8/10, mb1.3/9.1, mb1mx3.8/2.9, mbtmp3.7/1.1, Error ellipse: s-maj=2.8km s-min=14.4km az=86.0

ISC 05 12:22:56.5, 1.4, 6.83S, 150.96E, h0km, mb3.5/4, mb1.3/7.5, mb1mx3.5/1.9, mbtmp3.5/5, ML1.0/1, Error ellipse: s-maj=65.7km s-min=23.4km az=127.0

5d 13h

comp=Z,0.6nm,0.6s,baz=93,slow=0.6,SNR=4.7
TORD comp=Z,0.7nm,0.8s,baz=83,slow=6.2,SNR=2.9

ISCJB 05 12:41:41.0,0.8,55.6S:0.1*27.2W:0.2,h10km,mb4.2/8, MS3.3/4, Error ellipse: s-maj=22.8km s-min=13.0km az=145.4

IDD 05 12:41:41.3,0.8,55.5S:0.1*27.1W:0.2,h10km,mb4.2/6, mb1 4.3/6,mb1mx4.1/16,mbtmp4.2/6,MS3.3/4,Ms1 3.3/4, ms1mx3.1/15,Error ellipse: s-maj=30.5km s-min=23.4km az=76.0

NEIC 05 12:41:44.5,7.1,55.5S:27.19W,h21km,49km,mb4.2/4, Error ellipse: s-maj=21.4km s-min=10.1km az=47.0

AWI 05 12:42:01.9,57.0AS:27.56W Error ellipse: s-maj=4.7km s-min=1.5km az=43.0

ISC 05 12:41:43.5,0.7,55.6S:0.1*27.3W:0.2,h10km,n25, o1971/16,mb4.2/7,MS3.3/4, South Sandwich Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
SNA	Snae	19.19	157	P	12 46 06.7	-0.4
SNA	Snae	19.19	157	eP	12 46 06.5	+0.5
PMSA	Palmer Station	20.17	228	P	12 46 19.0	+1.3
TROA	Torua	29.09	292	eP	12 47 43.0	-1.0
QSPA	South Pole Qui	34.67	180	eP	12 48 32.3	-0.6
CPUP	Villa Florida	36.46	311	LR	13 01 27.6	
MAW	Mawson	40.56	144	LR	12 49 22.1	-0.3
BDFB	Brasilija	42.93	330	LR	13 05 16.0	
LVC	Limon Verde	45.02	300	P	12 49 58.8	-0.6
BOSA	Boshof	45.91	76	LR	13 05 19.0	
VNDA	Vanda	47.04	183	P	12 50 13.9	-0.5
H10S2	ASCENSION HYDR47.57	17	T	13 41 46.0		
H10S3	ASCENSION HYDR47.57	17	T	13 41 46.0		
H10S1	ASCENSION HYDR47.58	17	T	13 41 48.1		
H10N1	ASCENSION HYDR48.68	17	T	13 43 10.5		
H10N3	ASCENSION HYDR48.69	17	T	13 43 11.4		
H10N2	ASCENSION HYDR48.70	17	T	13 43 07.4		
LPAZ	La Paz	50.06	305	P	12 50 38.5	-0.5
TORD	Tordi Ar. Bea	76.37	30	P	12 53 10.3	-1.0
ASAR	Alice Springs	99.45	163	P	12 55 25.3	-1.1
FINES	FINES Array B	123.99	28	PKP	13 00 39.2	-1.2
MKANR	Makanchi Array	136.79	71	PKP	13 01 05.3	+0.1
ZALV	Zalesovo Beam	142.21	63	PKP	13 01 14.7	-0.1
ILAR	Eielson Array	149.76	312	PKP	13 01 30.9	+3.6
SONM	Songino Array	150.75	86	PKP	13 01 33.4	+3.9

NIED 05 12:41:00.24,50N,122.60E,h11km,Mw4.1 Best double couple: M1: 65000x1015 NP1: 146.00000, 328.00000, 1-24.00000, NP2: 258.00000, 679.00000, 1-116.00000

TAP 05 12:41:46.9,24.66N,122.67E,h51km,ML4.4,C JMA 05 12:41:47.9,0.1,24.49N,122.56E,h26km,1km, M4.0 NEIC 05 12:41:48.0,1.2,24.35N,122.53E,h2km,21km, ML4.7(TAP), Error ellipse: s-maj=34.0km s-min=8.8km az=175.0

NEIC Recorded [2 TAP] in I-lan.
ISCJB 05 12:41:48.2,0.3,24.58N:0.02:122.59E:0.01,h25km,2km, mb3.8/16,MS3.2/2, Error ellipse: s-maj=3.6km s-min=2.0km az=173.0

IDD 05 12:41:53.2,3.2,24.65N:122.56E,h65km,31km,mb3.6/16, mb1 3.7/18,mb1mx3.6/29,mbtmp3.8/18,ML2.8/2,MS3.0/5, Ms1 3.0/5,ms1mx2.7/34, Error ellipse: s-maj=24.8km s-min=13.0km az=64.0

ISC 05 12:41:48.4,0.9,24.58N:0.03:122.59E:0.02,h25km,7km,n102,o1918/144,mb3.9/16,1C-10D,Taiwan region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
JYNG	Yonagunijimaku	0.35	111	Op	12 41 55.7	+0.4
YOJ	Yonaguni jima	0.40	106	P	12 41 56.5	+0.5
YOJ	Yonaguni jima	0.40	106	eS	12 42 02.8	0.0
YOJ	Yonaguni jima	0.40	106	iP	12 41 56.8	-0.2
YOJ	baz=122			iS	12 42 04.0	-1.3
YOJ	Yonaguni jima	0.40	106	eP	12 41 56.8	-0.2
YOJ	Yonaguni jima	0.40	106	eSg	12 42 03.5	+0.7
EGS	baz=285	0.65	294	iP	12 42 00.6	-0.6
TWC	Suao	0.67	273	eP	12 41 59.9	-1.6
TWC	baz=274			eS	12 42 09.5	-0.9
TWB1	Santiao Chiao	0.69	308	iP	12 42 01.7	-0.1
TWB1	baz=299			iS	12 42 10.6	-0.4
ENA	Nanau	0.79	259	eP	12 42 01.8	-1.5
ILA	ilan	0.79	284	eP	12 42 03.1	-0.3
ILA	baz=277			eS	12 42 13.7	+0.1
EHP	Heping Village	0.82	251	eP	12 42 03.7	-0.2
TWE	Neicheng	0.85	280	P	12 42 03.7	-0.8
TWE	baz=274			eS	12 42 15.9	+0.4
NWF	Wu-fen Shan	0.88	304	eP	12 42 05.3	0.0
NWF	baz=286			iS	12 42 17.0	+0.4
ENTT	Nioudou	0.93	274	P	12 42 05.2	-0.7
ENTT	baz=273			S	12 42 18.2	+0.3
NACB	Ninganchiao	0.99	246	eP	12 42 05.2	-1.5
NACB	baz=254			eSg	12 42 16.6	-2.9
TWA	Mucha	1.00	294	eP	12 42 07.2	+0.2
TWA	baz=288			eS	12 42 19.3	-0.4
TWD	Chiawan	1.03	242	eP	12 42 06.4	-0.9
TWD	baz=238			eS	12 42 20.9	+0.3
IRIF	Iriomote-Funau	1.07	103	P	12 42 07.5	-0.2
IRIF	baz=290			S	12 42 21.8	+0.1
TAP1	Taipei	1.07	296	eP	12 42 07.3	-0.5
TAP1	baz=290			S	12 42 22.1	+0.3
HWA	Hwalien	1.08	237	eP	12 42 07.6	-0.2
TAP	Taipei	1.09	295	eP	12 42 08.4	-0.1
TAP	baz=290			eS	12 42 22.2	-0.1
YHNB	Yeheng	1.11	275	eP	12 42 08.6	+0.2
YHNB	baz=290			Pn	12 42 22.0	-0.9
NNS	Nan Shan	1.11	263	iP	12 42 08.1	-0.4

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NNS	baz=259	eS	Sn	12 42 21.4	-1.7	
NSK	Sanguang	1.12	275	iP	12 42 08.7	+0.1
NSK	baz=276	S	Pn	12 42 22.5	-0.8	
TWY	Chenwha	1.14	308	eP	12 42 08.3	-0.3
TWY	baz=292	S	Sb	12 42 23.5	-0.2	
PCYT	Pengchaiyu	1.15	336	eP	12 42 09.2	-0.4
TWS1	Kuanpinshan	1.19	296	eP	12 42 10.1	-0.1
TWS1	baz=283	eS	Sb	12 42 25.6	+0.5	
HATJ	Hateruma jima	1.23	115	P	12 42 09.9	0.0
HATJ	baz=283	eS	Sn	12 42 24.6	-1.1	
WHF	Hehuan Shan	1.28	251	iP	12 42 11.0	-0.1
WHF	baz=247	eS	Sn	12 42 27.9	+0.2	
ESL	Shilin	1.30	235	iP	12 42 10.2	-0.7
TWT	Tachien	1.33	256	eP	12 42 12.2	+0.7
NCU	National Centr	1.33	287	eP	12 42 12.2	-0.5
JKRS	Kuro-shima	1.34	104	P	12 42 11.9	+0.4
JKRS	baz=244	S	Sb	12 42 29.6	+0.1	
JIJ	Ishigaki jima	1.43	98	P	12 42 12.6	-0.2
JIJ	baz=279	eS	Pb	12 42 31.0	+0.2	
NSTT	Nanjung	1.45	273	eP	12 42 15.5	+0.9
NSTT	baz=279	eS	Sb	12 42 33.2	+0.6	
HSN	Hsinchu	1.49	279	eP	12 42 13.6	0.0
JISG	Ishigakijima	1.57	89	P	12 42 14.6	0.0
JISG	baz=286	eS	Sb	12 42 35.0	-1.1	
EHY	Hungye	1.57	228	eP	12 42 13.8	-0.9
YULB	Yu-li	1.67	225	eP	12 42 14.9	-1.1
TWQ1	Liyutan	1.67	263	eP	12 42 19.5	+1.0
NSY	Sanyi	1.67	265	eP	12 42 18.2	-0.3
SSLB	Suanglung	1.69	243	eP	12 42 16.6	+0.4
SSLB	baz=236	eS	Sn	12 42 37.7	+0.6	
SMLT	Sun Moon Lake	1.69	246	eP	12 42 17.5	+1.1
TWF1	Yuli	1.70	224	eP	12 42 15.3	-1.1
TWF1	baz=234	eS	Sn	12 42 36.5	-0.8	
TYC	Yuchr	1.71	247	iP	12 42 17.8	+1.1
TCU	Taichung	1.79	257	eP	12 42 19.3	-1.2
CHKT	Chengkung	1.85	218	eP	12 42 16.1	-2.4
WNT	Mingjian	1.87	249	eP	12 42 21.6	-0.3
WNT	baz=234	eS	Sb	12 42 45.2	+0.3	
JTJ	Tarama	1.93	88	P	12 42 20.5	+1.0
JTJ	baz=226	eS	Sb	12 42 44.4	-2.0	
ALS	Alishan	1.94	237	iP	12 42 21.1	+1.0
ALS	baz=226	eS	Sn	12 42 46.0	+2.2	
ELDTW	Lidau	1.99	226	eP	12 42 19.3	-1.3
CHNS	Tsaing	2.00	241	eP	12 42 22.7	-1.4
CHNS	baz=228	eS	Sn	12 42 46.9	+2.0	
WGK	Gukung	2.05	245	eP	12 42 23.9	-1.1
WGK	baz=242	eS	Sb	12 42 50.4	+0.4	
STYT	Tauyuan	2.19	230	iP	12 42 24.0	+0.7
STYT	baz=221	eS	Sn	12 42 50.7	+1.1	
CHN2	Minshuiung	2.19	242	eP	12 42 26.8	-0.6
CHN2	baz=230	eS	Sb	12 42 54.7	+0.6	
TPUB	Ta-pu	2.20	235	eP	12 42 24.4	+1.1
TWG	Piulang	2.23	219	eP	12 42 22.5	-1.3
TWG	baz=225	eS	Pn	12 42 22.4	-1.4	
TTN	Taitung	2.24	216	eP	12 42 20.7	-3.3
CHY	Chiayi	2.25	242	eP	12 42 25.5	+1.5
TWK	Hsiunging	2.32	236	eP	12 42 26.9	+1.9
TWK	baz=223	eS	Sn	12 42 53.8	+0.9	
CHN1	Nanshi	2.34	234	eP	12 42 26.8	+1.5
CHN1	baz=232	eS	Sn	12 42 55.9	+2.6	
WSF	Szulin	2.35	247	eP	12 42 25.1	-0.4
WSF	baz=257	eS	Sb	12 42 57.3	-1.4	
SGST	Jiashan	2.36	231	eP	12 42 25.6	+1.3
SGST	baz=229	eS	Sn	12 42 55.5	+1.7	
JIRB	Irabujima	2.37	83	P	12 42 27.2	+1.8
JIRB	baz=250	S	Sb	12 42 55.4	+1.5	
JKMK	Ikemajima	2.44	81	P	12 42 28.4	+1.7
JMKJ	Miyako jima 2	2.47	84	eS	12 42 57.9	+1.4
ECL	Taimali	2.48	218	eP	12 42 26.4	-0.7
SSD	Sarmen	2.56	225	eP	12 42 29.7	+1.5
SSD	baz=222	eS	Sn	12 43 01.1	+2.6	
JOGS	Goushube	2.57	85	P	12 42 30.2	+1.8
TWMT	Shoushan	2.64	229	eP	12 42 32.5	+3.0
TAW	Tawu	2.70	215	eP	12 42 30.2	0.0
EAST	Anshuo	2.70	217	eP	12 42 29.2	-1.1
SCZT	Fangliu	2.84	220	eP	12 42 33.4	+1.3
PNG	Penghu	2.95	251	eP	12 42 32.8	-0.8
WDGT	Dunji	2.98	245	eP	12 42 34.8	+0.7
TWP	Hsiaoliuchiu	3.02	223	eP	12 42 37.7	+3.1
HEN	Hengchun	3.07	214	eP	12 42 37.1	+1.8
TSEB	Hengchuen, Pin	3.08	211	eP	12 42 36.3	+0.9
TWK1	Hengchun	3.09	212	eP	12 42 35.4	-0.2
TWK1	baz=209	eS	Sn	12 43 10.5	-1.2	
KNM	Kinmen	3.79	268	eP	12 42 45.3	+0.1
JKE	Kume jima 2	4.18	64	P	12 42 54.2	+3.7
JOW	Kunigami	5.60	65	P	12 43 12.7	+2.6

Plg58.0000°, Azm203.0000°; P - 2.1900, Plg28.0000°, Azm353.0000°;

NEIC Felt (III) at Moose and Moran; (II) at Jackson, Kelly, Rock Springs and Wilson. Also felt at Alta, Cora, Dubois, Lander, Thermopools and Yellowstone National Park. Felt (III) at Driggs and (II) at Victor, Idaho. Also felt at Pocatello and Teton.

ISC 05 14:59:28.6-1.0, 43.61N-102.02-110.40W, 0.02, h3km, 6km, n147, s19/29/165, mb4.0/16, MS3.4/16, Wyoming

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res, ISC. Lists seismic stations and their characteristics.

Table with columns: YBMT, Yellow Bay, 4.95 331 ePn, Pn, 15 00 44.0 +0.1. Lists seismic events with station codes and magnitudes.

Table with columns: HHC, comp=E, 77nm, 16.9s, LR, LR. Lists seismic events with station codes and magnitudes.

CSEM 05 15:03:03.2, 41.46N-118.6E, h7km, MD2.7

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res, ISC. Lists seismic stations and their characteristics.

DDA 05 15:03:34.0, 39.57N-38.69E, h7km, MD2.7

ISC 05 15:03:38.6-0.9, 39.45N-38.69E, h5km, 6km, Error ellipse: s-maj=5.9km, s-min=5.9km, az=0.8

ISC 05 15:03:38.7-0.3, 39.42N-38.56E, h6km, MD2.6

CSEM 05 15:03:38.7-0.3, 39.42N-38.56E, h6km, MD2.7, Error ellipse: s-maj=10.2km, s-min=5.3km, az=81.0

ISC 05 15:03:39.4-1.0, 39.41N-38.53E, 0.04, h11km, 7km, n16, e087/26, Turkey

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res, ISC. Lists seismic stations and their characteristics.

IDC 05 15:07:09.3-9.0, 25.78S-178.59W, h370km, 83km, mb3.5/4, mb1.3/7.5, mb1mx3.2/35, mbtmp4.3/5, Error ellipse: s-maj=48.7km, s-min=43.2km, az=56.0

AUST 05 15:07:11.4, 25.97S-177.75W, h45km, ISC 05 15:07:06.8-1.9, 26.15S-177.84W, 0.2, h342km, n20, e187/21, mb3.8/4, South of Fiji Islands

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res, ISC. Lists seismic stations and their characteristics.

NEIC 05 15:08:24.7, 32.07N-115.09W, h10km, ML2.9(PAS), ML3.0(E/CX), After E/CX

ECX 05 15:08:24.5-0.6, 32.07N-115.07W, h10km, MD2.8, ML3.0, 6C-40, California-Baja California border region

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res, ISC. Lists seismic stations and their characteristics.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like SONGMO Songoing Array, SML Sawmill, COLA College, etc.

IDC 05 15:44:13.71, 4.275S, 139.48E, h0km, mb3.1/2, mb1 3.5/3, mb1mx3.3/30, mbmtp3.3/3, ML3.6/1, Error ellipse: s-maj=29.7km s-min=14.5km az=165.0, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like JAY Jayapura, WRA Warrungarra Arr, ASAR Alice Springs, etc.

ISK 05 15:48:19.8, 37.35N, 37.60E, h12km, MD2.8 ISCUB 05 15:48:20.3, 1.6, 37.26N, 0.09, 37.6E, 0.1, 1, h13km, 18km, Error ellipse: s-maj=21.1km s-min=6.9km az=136.3

CSEM 05 15:48:20.4, 0.2, 37.29N, 37.62E, h15km, MD2.8, Error ellipse: s-maj=9.4km s-min=4.9km az=141.0 DDA 05 15:48:22.9, 37.68N, 37.42E, h7km, MD2.6

ISC 05 15:48:19.8, 1.7, 37.37N, 0.07, 37.59E, 0.05, h3km, 15km, n12, e042/20, Turkey

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like KUZU Kuzuni, AKCAD Akcadag, URFA Urfa, etc.

BUI 05 15:53:54.1, 80.30N, 0.80W, h10km, mb4.7/13, mB5.0/10, Ms4.5/6, Ms7.4/16

IDC 05 15:53:57.0, 0.5, 80.52N, 1.02W, h0km, mb4.0/20, mb1 4.2/23, mb1mx4.0/46, mbmtp4.0/23, ML4.5/4, MS3.4/20, Ms1 3.5/20, ms1mx3.2/48, Error ellipse: s-maj=16.7km s-min=9.9km az=121.0

CSEM 05 15:53:57.0, 0.1, 80.49N, 0.72W, h10km, mb4.4/22, Error ellipse: s-maj=8.2km s-min=3.7km az=38.0

NEIC 05 15:53:58.0, 0.2, 80.46N, 0.75W, h10km, mb4.4/24, Error ellipse: s-maj=8.2km s-min=4.2km az=217.0

BER 05 15:54:00.9, 3.0, 80.61N, 0.54E, h19km, 11km, MD2.8, ML3.3, ML4.6(NAO)

ISC 05 15:53:58.1, 0.5, 80.19N, 0.05, 0.50W, 0.04, h16km, 3km, n142, e162/146, mb4.2/43, MS3.4/17, 1C-1D, North of Svalbard

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like KBS Kingsbay, SPA0 Spitsbergen Ar, etc.

Main table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like SPA0 Spitsbergen Ar, SPITS Spitsbergen Ar, HSPB Hornsund (broa), etc.

Main table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like KKAR Karatay Array, TKM2 Tokmak 2, SONGMO Songoing Array, etc.

ASAR Alice Springs 120.22 49 PKP PKPdf 16 12 46.5 -0.9
SYO Syowa Base 150.66 152i eP 16 13 48.4 +1.4
SNAA Snaae 151.68 182 PKP PKPbc 16 13 51.7 +2.3

ISCJB 05 16:00:21.9:0.8,24.76N:0.05:121.97E:0.04,h85km,6km,
Error ellipse: s-maj=8.8km s-min=5.2km az=148.0
JMA 05 16:00:21.4:0.1,24.73N:121.93E,h85km,2km
TAP 05 16:00:21.9:0.2,24.79N:121.88E,h87km,1km,ML2.7,C
ISC 05 16:00:21.9:0.2,24.76N:0.07:121.97E:0.04,h87km,11km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like EGS, TWC, TWB1, etc. with their respective coordinates and phases.

ISCJB 05 16:06:57.8:0.7,38.73N:0.05:35.65E:0.05,h6km,Error
ellipse: s-maj=7.6km s-min=5.6km az=159.4
CSEM 05 16:06:57.3:0.4,38.73N:35.66E,h2km,MD2.6,Error
ellipse: s-maj=11.7km s-min=9.8km az=176.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like PINB, YOZ, NIG, etc. with their respective coordinates and phases.

KRNET 05 16:09:02.1:0.1,40.94N:74.87E,h11km,mb3.1
NNC 05 16:09:04.5:2.6,40.75N:74.95E,h0km,mb3.5,mpv3.2,
Error ellipse: s-maj=32.9km s-min=12.6km az=128.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like NRN, ARLS, KZA, etc. with their respective coordinates and phases.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like UCH, SFK, AML, etc. with their respective coordinates and phases.

ISCJB 05 16:09:56.7:1.0,17.2S:0.4:179.1W:0.2,h539km,mb3.5/5,
Error ellipse: s-maj=52.9km s-min=16.0km az=151.9
IDC 05 16:09:56.1:3.2,17.04S:179.04W,h520km,33km,mb3.1/5,
mb1.3/4.5,mb1mx3.0/25,mbtpr4.0/5,Error ellipse:
s-maj=98.4km s-min=18.9km az=151.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like CMSA, QLP, STKA, etc. with their respective coordinates and phases.

AUST 16:10:20.4:99.0,16.94S:179.19E,h89km,26km,Error
ellipse: s-maj=37.0km s-min=6.6km az=252.0
ISC 05 16:09:57.6:1.2,17.3S:0.6:178.9W:0.3,h539km,n14,
o#63/16,mb3.5/5,Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KDU, MTN, WRKA, etc. with their respective coordinates and phases.

IDC 05 16:29:30.1:2.1,6.62S:151.21E,h0km,mb3.9/4,
mb1.4/1.5,mb1mx3.7/36,mbtpr3.9/5,ML1.6/1,Error
ellipse: s-maj=62.4km s-min=25.0km az=104.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like PMG, WRA, ASAR, etc. with their respective coordinates and phases.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like VLO, KBN, KBN, etc. with their respective coordinates and phases.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like HUIG, VHO, VHO, etc. with their respective coordinates and phases.

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

SJA 05 16:50:17.3-1.0, 34.37Sx73.69W, h10km, ML4.1, MW4.3
ISC/JB 05 16:50:28.0-1.0, 34.83Sx0.03-72.37Wx0.05, h11km, 6km,
mb4.1/2, Error ellipse: s-maj=7.7km s-min=4.6km az=23.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like U65B Hualaeø, TALC Talca, NICH Los Niches, etc.

U14B Concepcion 2.11 196 ePn Pn 16 51 02.9 +0.3
U14B Peldehue 2.18 401 iP eS Sb 16 51 05.7 +2.2

YECH El Yeso 2.21 59 eP Pn 16 51 06.8 -1.5
CANVA Cavihue 3.23 162 eP Sb 16 51 21.5 +3.3

AAGR Agrelo 3.41 60 eP Sb 16 51 24.5 +3.9
ARCO CERRO ARCO 3.47 56 eP AML AML 16 51 25.1 +3.6

AUSP Uspallata 3.59 45 eP Sb 16 51 25.6 +2.4
ASAL Salagasta 3.68 54 eP Pn 16 51 28.9 +4.0
RTLS Leoncito 3.96 41 eP Pn 16 51 31.4 +3.1

CCSP San Pedro de C 0.71 78 eP Pn 16 57 04.2 0.0
CCSP 0.71 78 eP Sn 16 57 15.1 -0.6

U14B Concepcion 0.73 79 eP Pn 16 57 04.7 +0.2
COCH Cobquecura 1.29 48 eP Sb 16 57 14.5 +0.4

IS/CB/JB 05 17:28:55.4+0.6, 66.97N-0.02-20.6E:0.1, h0km, Error
ellipse: s-maj=6.3km s-min=3.2km az=2.1

IS/CB/JB 05 17:28:55.9+0.5, 66.96N-20.5E, h2km, ML1.7, Error
ellipse: s-maj=11.8km s-min=6.2km az=79.0, Mining
explosion.

IS/CB/JB 05 17:28:58.4+1.0, 67.07N-20.87E, h0km, mb1 2.8/3,
mb1mx2.7/38, mbmp2.7/3, ML2.2/3, Error ellipse:
s-maj=15.3km s-min=8.3km az=109.0

IS/CB/JB 05 17:28:58.1+0.8, 67.07N-0.02-20.86E:0.04, h0km, n38,
r129/62, Sweden

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

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

AREO ARCESS Array S 3.02 33 P Pn 17 29 47.3 +0.1
AREO ARCESS Array S 3.02 33 S Pn 17 29 47.9 +0.9

AREO ARCESS Array S 3.02 33 S Pn 17 29 47.3 +0.1
AREO ARCESS Array S 3.02 33 S Pn 17 29 47.9 +0.9

AREO ARCESS Array S 3.02 33 S Pn 17 29 47.3 +0.1
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AREO ARCESS Array S 3.02 33 S Pn 17 29 47.3 +0.1
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AREO ARCESS Array S 3.02 33 S Pn 17 29 47.3 +0.1
AREO ARCESS Array S 3.02 33 S Pn 17 29 47.9 +0.9

AREO ARCESS Array S 3.02 33 S Pn 17 29 47.3 +0.1
AREO ARCESS Array S 3.02 33 S Pn 17 29 47.9 +0.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KUR comp=Z,137nm,3.1s, KUR comp=N,240nm,3.1s, etc.

USRK Ussuriysk Arr 12.25 327 P Pn 17 33 15.8 -0.3
YSS Yuzh-Sakhalins 12.70 41 iP Pn 17 33 19.8 -2.4

YSS comp=N,30nm,1.0s 12.70 4 eP Pn 17 33 19.8 -2.4
YSS comp=N,49nm,0.7s 12.70 4 eP Pn 17 33 19.8 -2.4

HABR Khabarovsk 14.92 344 P Pn 17 33 49.2 -3.3
HABR 14.92 344 eS Pn 17 36 33.9 -3.0

HABR comp=Z,15nm,1.1s 14.92 344 eP Pn 17 33 49.2 -3.3
HABR comp=Z,74nm,16.0s 14.92 344 eP Pn 17 33 49.2 -3.3

KLR Kul'dur 16.53 337 eP Pn 17 34 03.7 -1.0
GLM Gumo 20.86 170 eP Pn 17 35 06.3 +0.3

GUMO comp=Z,209nm,1.1s,baz=26,slow=2.8,SNR=6.8 20.86 170 eP Pn 17 35 06.9 +1.0
GUMO comp=Z,400nm,1.4s 20.86 170 eP Pn 17 35 06.9 +1.0

PETK Petropavlovsk- 22.14 27 LR LR 17 45 30.0
H11N2 WAKE ISLAND Hy 26.91 116 T T 18 05 14.3

H11N1 WAKE ISLAND Hy 26.92 116 T T 18 05 15.1
H11N3 WAKE ISLAND Hy 26.93 116 T T 18 05 15.1

ENH Enshi 27.14 270 eP Pn 17 36 02.0 -2.5
H11S3 WAKE ISLAND Hy 27.53 118 T T 18 06 08.1

H11S1 WAKE ISLAND Hy 27.53 118 T T 18 06 12.2
H11S2 WAKE ISLAND Hy 27.55 118 T T 18 06 09.6

YAK Yakutsk 28.73 349 eP Pn 17 36 17.6 -0.7
YAK comp=Z,1nm,0.4s,baz=158,slow=19,SNR=2.5 28.73 349 eP Pn 17 36 17.6 -0.7

YAK Yakutsk 28.73 349 eP Pn 17 36 17.6 -0.7
YAK comp=Z,8.0nm,1.0s 28.73 349 eP Pn 17 36 17.6 -0.7

YAK Yakutsk 28.73 349 eP Pn 17 36 17.6 -0.7
YAK comp=Z,8.0nm,1.0s 28.73 349 eP Pn 17 36 17.6 -0.7

YAK Yakutsk 28.73 349 eP Pn 17 36 17.6 -0.7
YAK comp=Z,8.0nm,1.0s 28.73 349 eP Pn 17 36 17.6 -0.7

YAK Yakutsk 28.73 349 eP Pn 17 36 17.6 -0.7
YAK comp=Z,8.0nm,1.0s 28.73 349 eP Pn 17 36 17.6 -0.7

YAK Yakutsk 28.73 349 eP Pn 17 36 17.6 -0.7
YAK comp=Z,8.0nm,1.0s 28.73 349 eP Pn 17 36 17.6 -0.7

YAK Yakutsk 28.73 349 eP Pn 17 36 17.6 -0.7
YAK comp=Z,8.0nm,1.0s 28.73 349 eP Pn 17 36 17.6 -0.7

PTEO	comp=N,147nm,0.4s	A	A	18 56 54.2			
PTEO	Sao Teotônio	5.80 337	P	Pn	18 55 40.5 -0.4		
PTEO	comp=N,74nm,0.4s		S	Sn	18 56 44.0 -3.4		
PTEO	Sao Teotônio	5.80 337	P	Pn	18 55 40.5 -0.4		
PTEO	comp=N,74nm,0.4s		S	Sn	18 56 44.0 -3.4		
ECAB	El Cabril	5.83 3	P	Pn	18 55 40.4 -1.1		
ECAB	comp=N,36nm,0.4s,SNR=45		S	Sn	18 56 44.1 -4.3		
ECAB	El Cabril	5.83 3	P	Pn	18 55 40.4 -1.1		
ECAB	comp=N,36nm,0.4s,SNR=45		S	Sn	18 56 44.1 -4.3		
MESJ	Messejana	5.92 341	eP	Pn	18 55 41.8 -0.8		
MESJ	comp=N,89nm,0.4s		eS	Sn	18 56 43.0 -7.3		
MESJ	Messejana	5.92 341	eP	Pn	18 55 41.9 -0.7		
MESJ	comp=N,89nm,0.4s		eS	Sn	18 56 48.9 -1.4		
MESJ	Messejana	5.92 341	P	Pn	18 55 41.9 -0.7		
MESJ	comp=N,171nm,0.4s		S	Sn	18 56 48.9 -1.4		
MESJ	Messejana	5.92 341	P	Pn	18 55 41.9 -0.7		
MESJ	comp=N,171nm,0.4s		eS	Sn	18 56 48.9 -1.4		
EQES	Quesada	6.00 22	P	Pn	18 55 44.6 +0.8		
EQES	comp=N,23nm,0.6s,SNR=43		S	Sn	18 56 51.1 -1.5		
EQES	Quesada	6.00 22	P	Pn	18 55 44.6 +0.8		
EQES	comp=N,23nm,0.6s,SNR=43		S	Sn	18 56 51.1 -1.5		
PBAR	Barrancos	6.00 351	ePn	Pn	18 55 43.0 -0.8		
PBAR	comp=N,309nm,0.5s		eS	Sn	18 56 48.1 -4.3		
PBAR	Barrancos	6.00 351	P	Pn	18 55 43.0 -0.8		
PBAR	comp=N,309nm,0.5s		S	Sn	18 56 48.1 -4.3		
PBAR	Barrancos	6.00 351	P	Pn	18 55 43.0 -0.8		
PBAR	comp=N,309nm,0.5s		S	Sn	18 56 48.1 -4.3		
EADA	Adamuz	6.01 10	P	Pn	18 55 42.9 -1.0		
EADA	comp=N,19nm,0.3s,SNR=94		S	Sn	18 56 46.7 -5.9		
EADA	Adamuz	6.01 10	P	Pn	18 55 42.9 -1.0		
EADA	comp=N,19nm,0.3s,SNR=94		S	Sn	18 56 46.7 -5.9		
EHUE	Huescar	6.17 25	P	Pn	18 55 47.7 +1.6		
EHUE	comp=N,7.0nm,0.3s,SNR=7.9		S	Sn	18 56 53.3 -3.4		
EHUE	Huescar	6.17 25	P	Pn	18 55 47.7 +1.6		
EHUE	comp=N,7.0nm,0.3s,SNR=7.9		S	Sn	18 56 53.3 -3.4		
EHUE	Huescar	6.17 25	P	Pn	18 55 47.7 +1.6		
EHUE	comp=N,7.0nm,0.3s,SNR=7.9		S	Sn	18 56 53.3 -3.4		
PNCL	Nicolau / Gran	6.26 340	ePn	Pn	18 55 46.5 -0.7		
PNCL	comp=N,132nm,0.5s		eS	Sn	18 56 56.0 -2.7		
PNCL	Nicolau / Gran	6.26 340	ePn	Pn	18 55 46.5 -0.7		
PNCL	comp=N,132nm,0.5s		eS	Sn	18 56 56.0 -2.7		
SESP	Santiago Espad	6.46 24	P	Pn	18 55 51.2 +1.0		
SESP	comp=N,16nm,0.4s,SNR=7.9		S	Sn	18 57 06.9 +2.9		
SESP	Santiago Espad	6.46 24	P	Pn	18 55 51.2 +1.0		
SESP	comp=N,16nm,0.4s,SNR=7.9		S	Sn	18 57 06.9 +2.9		
EVO	Evora	6.53 345	ePn	Pn	18 55 50.4 -0.5		
EVO	comp=N,331nm,0.4s		eS	Sn	18 56 58.3 -7.0		
EVOP	Sao Brissos	6.55 344	ePn	Pn	18 55 50.4 -0.8		
EVOP	comp=N,122nm,0.5s,SNR=7.9		eS	Sn	18 55 50.4 -0.8		
EVOP	Sao Brissos	6.55 344	ePn	Pn	18 55 50.4 -0.8		
EVOP	comp=N,122nm,0.5s,SNR=7.9		eS	Sn	18 55 50.4 -0.8		
EBAD	Badajoz	6.57 352	P	Pn	18 55 50.7 -0.9		
EBAD	comp=N,66nm,0.5s,SNR=7.9		S	Sn	18 57 01.1 -5.4		
EBAD	Badajoz	6.57 352	P	Pn	18 55 50.7 -0.9		
EBAD	comp=N,66nm,0.5s,SNR=7.9		S	Sn	18 57 01.1 -5.4		
OKGL	Djebel Kef Gue	6.58 53	P	Pn	18 55 52.1 +0.3		
OKGL	comp=N,122nm,0.5s,SNR=7.9		S	Sn	18 55 52.1 +0.3		
MOE	Montemor	6.60 343	ePn	Pn	18 55 48.5 -3.4		
MOE	comp=N,66nm,0.5s,SNR=7.9		eS	Sn	18 56 57.3 -10		
MOE	Montemor	6.60 343	P	Pn	18 55 48.5 -3.4		
MOE	comp=N,66nm,0.5s,SNR=7.9		S	Sn	18 56 57.3 -10		
CART	Cartagena	6.66 35	P	Pn	18 55 52.9 +0.2		
CART	comp=N,122nm,0.5s,SNR=7.9		S	Sn	18 56 56.0 -1.3		
CART	Cartagena	6.66 35	P	Pn	18 55 52.9 +0.2		
CART	comp=N,122nm,0.5s,SNR=7.9		S	Sn	18 56 56.0 -1.3		
ETRT	Tiaret	6.73 60	P	Pn	18 55 53.0 -0.8		
ETRT	comp=N,7.5nm,0.4s,SNR=7.4		S	Sn	18 57 12.7 +1.9		
ETRT	Tiaret	6.73 60	P	Pn	18 55 53.0 -0.8		
ETRT	comp=N,7.5nm,0.4s,SNR=7.4		S	Sn	18 57 12.7 +1.9		
EMUR	La Murta	6.75 33	P	Pn	18 55 55.1 +1.1		
EMUR	comp=N,23nm,0.5s		S	Sn	18 57 12.7 +1.9		
EMUR	La Murta	6.75 33	P	Pn	18 55 55.1 +1.1		
EMUR	comp=N,23nm,0.5s		S	Sn	18 57 12.7 +1.9		
PESTR	Estremoz	6.77 348	ePn	Pn	18 55 53.4 -0.8		
PESTR	comp=N,68nm,0.7s		eS	Sn	18 57 07.1 -4.1		
PESTR	Estremoz	6.77 348	ePn	Pn	18 55 53.4 -0.8		
PESTR	comp=N,68nm,0.7s		eS	Sn	18 57 07.1 -4.1		
EANR	'Ain 'Sour	6.85 55	P	Pn	18 55 58.4 +3.0		
EANR	comp=N,88nm,0.7s		S	Sn	18 55 58.4 +3.0		
EANR	'Ain 'Sour	6.85 55	P	Pn	18 55 58.4 +3.0		
EANR	comp=N,88nm,0.7s		S	Sn	18 55 58.4 +3.0		
PACT	Alcochete	6.96 340	ePn	Pn	18 55 54.6 -2.2		
PACT	comp=N,137nm,0.5s		eS	Sn	18 57 11.7 -4.1		
PACT	Alcochete	6.96 340	ePn	Pn	18 55 54.6 -2.2		
PACT	comp=N,137nm,0.5s		eS	Sn	18 57 11.7 -4.1		
LIS	Lisbon	7.00 338	ePn	Pn	18 55 59.6 +2.1		
LIS	comp=N,108nm,0.5s		eS	Sn	18 57 16.0 -0.6		
LIS	Lisbon	7.00 338	P	Pn	18 55 59.6 +2.1		
LIS	comp=N,108nm,0.5s		S	Sn	18 57 16.0 -0.6		
PMST	Lisbon-Monsan	7.03 338	ePn	Pn	18 55 58.1 +0.2		
PMST	comp=N,137nm,0.5s		eS	Sn	18 57 15.5 -2.2		
PMST	Lisbon-Monsan	7.03 338	ePn	Pn	18 55 58.1 +0.2		
PMST	comp=N,137nm,0.5s		eS	Sn	18 57 15.5 -2.2		
ECHF	Ech Chief	7.12 55	P	Pb	18 56 16.7 -2.0		
ECHA	Ech Chief	7.14 55	P	Pb	18 56 16.7 -2.2		
PMAFR	Mafra	7.26 338	ePn	Pn	18 56 00.7 -0.4		
PMAFR	comp=N,196nm,0.6s		eS	Sn	18 57 21.8 -1.7		
PMAFR	Mafra	7.26 338	ePn	Pn	18 56 00.7 -0.4		
PMAFR	comp=N,196nm,0.6s		eS	Sn	18 57 21.8 -1.7		
PMAFR	Mafra	7.26 338	P	Pn	18 56 00.2 -0.9		
PMAFR	comp=N,135nm,0.4s,SNR=14		S	Sn	18 57 18.1 -5.3		
PMAFR	Mafra	7.26 338	P	Pn	18 56 00.2 -0.9		
PMAFR	comp=N,135nm,0.4s,SNR=14		S	Sn	18 57 18.1 -5.3		
PMAFR	Mafra	7.26 338	ePn	Pn	18 56 00.7 -0.4		
PMAFR	comp=N,200nm,0.5s		eS	Sn	18 57 21.8 -1.7		
PMRV	Marv??o	7.28 351	ePn	Pn	18 56 00.7 -0.7		
PMRV	comp=N,196nm,0.6s		eS	Sn	18 57 19.0 -5.0		
PMRV	Marv??o	7.28 351	P	Pn	18 56 00.7 -0.7		
PMRV	comp=N,196nm,0.6s		S	Sn	18 57 19.0 -5.0		
PMRV	Marv??o	7.28 351	P	Pn	18 56 00.7 -0.7		
PMRV	comp=N,142nm,0.6s		S	Sn	18 57 19.0 -5.0		
ETOB	Tobarra	7.29 28	P	Pn	18 56 02.0 +0.5		
ETOB	comp=N,19nm,0.3s,SNR=7.9		S	Sn	18 56 02.0 +0.5		
ETOB	Tobarra	7.29 28	P	Pn	18 56 02.0 +0.5		
ETOB	comp=N,19nm,0.3s,SNR=7.9		S	Sn	18 56 02.0 +0.5		
EFAM	Famara	7.31 247	P	Pn	18 55 57.4 -4.2		

EFAM	comp=N,18nm,0.3s,SNR=7.9	S	Sn	18 57 15.7 -8.9			
EFAM	comp=N,25nm,0.5s,SNR=7.9		S	Sn	18 56 08.0 +6.1		
EBNR	Beril Rached	7.32 54	P	Pn	18 56 01.1 -1.8		
EBNR	comp=N,10nm,0.3s,SNR=7.9		P	Pn	18 57 20.0 -6.8		
PAB	comp=N,72nm,0.3s,SNR=7.9		S	Sn	18 56 01.1 -1.8		
PAB	San Pablo	7.39 9	P	Pn	18 56 01.1 -1.8		
PAB	comp=N,10nm,0.3s,SNR=7.9		P	Pn	18 56 03.8 -1.6		
ESDC	Sonseca Array	7.58 11	Pn	Pn	18 57 20.8 -1.1		
ESDC	comp=N,32nm,0.5s		Sn	Sn	18 59 40.3 -1.6		
ESDC	comp=N,11nm,0.3s,baz=194,slow=13,SNR=75		Sn	Sn	18 57 25.5 -5.8		
ESDC	comp=N,6.6nm,0.3s,baz=195,slow=23,SNR=3.1		LR	LR	18 56 03.9 -1.6		
ESDC	comp=N,267nm,19.9s,baz=185,slow=43		LR	LR	18 56 25.5 -5.8		
ESDC	Sonseca Array	7.58 11	P	Pn	18 56 03.9 -1.6		
ESDC	comp=N,16nm,0.3s,baz=195,slow=13,SNR=62		S	Sn	18 56 03.9 -1.6		
ESDC	comp=N,36nm,0.3s,baz=196,slow=23,SNR=7.9		S	Sn	18 56 03.9 -1.6		
ESDC	comp=N,16nm,1.0s,SNR=62		S	Sn	18 57 20.8 -1.1		
ESDC	comp=N,16nm,1.0s,SNR=62		S	Sn	18 56 01.1 -1.8		
ESDC	comp=N,16nm,1.0s,SNR=62		S	Sn	18 57 28.6 -4.4		
ESDC	comp=N,16nm,1.0s,SNR=62		S	Sn	18 56 06.1 -0.3		
ESDC	comp=N,16nm,1.0s,SNR=62		S	Sn	18 57 28.6 -4.4		
ESDC	comp=N,16nm,1.0s,SNR=62		S	Sn	18 56 06.1 -0.3		
ESDC	comp=N,16nm,1.0s,SNR=62		S	Sn	18 57 28.6 -4.4		
ESDC	comp=N,16nm,1.0s,SNR=62		S	Sn	18 56 06.1 -0.3		
ESDC	comp=N,16nm,1.0s,SNR=62		S	Sn	18 57 28.6 -4.4		
ESDC	comp=N,16nm,1.0s,SNR=62		S	Sn	18 56 06.1 -0.3		
ESDC	comp=N,16nm,1.0s,SNR=62		S	Sn	18 57 28.6 -4.4		
ESDC	comp=N,16nm,1.0s,SNR=62		S	Sn	18 56 06.1 -0.3		
ESDC	comp=N,16nm,1.0s,SNR=62		S	Sn	18 57 28.6 -4.4		
ESDC	comp=N,16nm,1.0s,SNR=62		S	Sn	18 56 06.1 -0.3		
ESDC	comp=N,16nm,1.0s,SNR=62		S	Sn	18 57 28.6 -4.4		
ESDC	comp=N,16nm,1.0s,SNR=62		S	Sn	18 56 06.1 -0.3		
ESDC	comp=N,16nm,1.0s,SNR=62		S	Sn	18 57 28.6 -4.4		
ESDC	comp=N,16nm,1.0s,SNR=62		S	Sn	18 56 06.1 -0.3		
ESDC	comp=N,16nm,1.0s,SNR=62		S	Sn	18 57 28.6 -4.4		
ESDC	comp=N,16nm,1.0s,SNR=62		S	Sn	18 56 06.1 -0.3		
ESDC	comp=N,16nm,1.0s,SNR=62		S	Sn	18 57 28.6 -4.4		
ESDC	comp=N,16nm,1.0s,SNR=62		S	Sn	18 56 06.1 -0.3		
ESDC	comp=N,16nm,1.0s,SNR=62		S	Sn	18 57 28.6 -4.4		
ESDC	comp=N,16nm,1.0s,SNR=62		S	Sn	18 56 06.1 -0.3		
ESDC	comp=N,16nm,1.0s,SNR=62		S	Sn	18 57 28.6 -4.4		
ESDC	comp=N,16nm,1.0s,SNR=62		S	Sn	18 56 06.1 -0.3		
ESDC	comp=N,16nm,1.0s,SNR=62		S	Sn	18 57 28.6 -4.4		
ESDC	comp=N,16nm,1.0s,SNR=62		S	Sn	18 56 06.1 -0.3		
ESDC	comp=N,16nm,1.0s,SNR=62		S	Sn	18 57 28.6 -4.4		
ESDC	comp=N,16nm,1.0s,SNR=62		S	Sn	18 56 06.1 -0.3		
ESDC	comp=N,16nm,1.0s,SNR=62		S	Sn	18 57 28.6 -4.4		
ESDC	comp=N,16nm,1.0s,SNR=62		S	Sn	18 56 06.1 -0.3		
ESDC	comp=N,16nm,1.0s,SNR=62		S	Sn	18 57 28.6 -4.4		
ESDC	comp=N,16nm,1.0s,SNR=62		S	Sn	18 56 06.1 -0.3		
ESDC	comp=N,16nm,1.0s,SNR=62		S	Sn	18 57 28.		

5d 18h

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like CLLI Livvia, MTLF Montolieu, LFF La Freстale, etc.

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Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like CDF Champ du Feu, DAV Dammels, WLF Waiferinge, etc.

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Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like BRG Berggiesshubel, PVCC Panska Ves, VYHYS Vyhne, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BOZ, CHMT, BW06, PDAR, ILAR, etc.

KRSC 05 19:03:59.0, 3.3, 49.18N, 156.09E, h81km, 27km, ML5.7
BUJ 05 19:03:58.9, 49.51N, 155.89E, h67km, mb5.0/67, mB4.8/45, Ms4.6/56, Ms7.4/53
IDC 05 19:04:01.2, 0.4, 49.48N, 155.37E, h43km, 3km, mb4.6/40, mb1.4/746, mb1mx4.6/65, mbtmp4.8/46, ML4.1/5, MS4.2/25, Ms1.4/225, ms1mx4.1/30, Error ellipse: s-maj=11.0km
s-min=7.7km az=153.0
ISCJB 05 19:04:01.9, 0.4, 49.42N, 155.02E, 155.55E, 0.02, h65km, 2km, mb5.0/253, Error ellipse: s-maj=4.1km s-min=1.9km az=157.5
NEIC 05 19:04:01.3, 0.1, 49.48N, 155.38E, mb5.1/142, Error ellipse: s-maj=5.2km s-min=2.6km az=162.0
NEIC Felt (III) at Severo-Kuril'sk
GCMT 05 19:04:01.3, 0.2, 49.30N, 155.87E, h44km, 1km, MW5.0/80, Moment Tensor Solution: s51,c87; s80,c138; Duration: 0 Moment tensor: Scale 10^18Nm; Mr3.04±.15; Mw0.36±.10; Mw2.68±.10; Mw1.96±.10; Mw2.05±.08; Mw2.10±.10; Best double couple: Mo4.50800x10^16 Nf1=40.00000; r85.00000; r100.00000; Nf2: e5=197.00000; b27.00000; r170.00000; Principal axes: T 4.1410, Plg68.0000, Azm329.0000; P -4.8750, Plg20.0000, Azm123.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
MOS 05 19:04:02.6, 1.0, 49.50N, 155.47E, h71km, mb5.1/54, MS4.4/18 Error ellipse: s-maj=6.1km s-min=3.4km az=81.3
MOS Felt (II-III) at Severo-Kuril'sk
SZGRF 05 19:04:07.4, 50.92N, 155.41E, h33km, mb5.0, Kuril Islands, Russia

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SKR, MIPR, ASAK, MTRV, GRL, RUS, etc.

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like NKL, ASAJ, MA2, OSSH, ERM, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like HABR, SEY, SEY, AMKA, KLR, USKR, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KSSK, KSSK, KSJM, KSJM, SEHB, SEHB, KSDGY, KSDGY, KSJA, KSJA, etc.

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

Table with columns: Station, Name, Frequency, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like JNU Nakatsue, JNU Nakatsue, JNU Nakatsue, etc.

Table with columns: Station, Name, Frequency, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like DAWY Dawson, XAN Xi'an, XAN Xi'an, etc.

Table with columns: Station, Name, Frequency, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like SLVN Son La, SPITS Spitsbergen Ar, BVAR Borovoye Array, etc.

Table with columns: PRGR, Name, Time, Error, Status, and other details. Includes entries like Permogore, Yellow Bay, Odare, Modoc, etc.

Table with columns: F22A, Name, Time, Error, Status, and other details. Includes entries like Rosebud, Dugway, Dugway, etc.

Table with columns: Name, Time, Error, Status, and other details. Includes entries like AGMN Agassiz Nation, AGMN Agassiz Nation, etc.

5d 19h

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like T25A Trinidad, R27A Eads, HYB Hyderabad, etc.

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Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like WRAB Warramunga, WRA Warramunga, AKH Akhalkalaki, etc.

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Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like UPC Uppice, UPC Uppice, 231A Bronte, etc.

5d 20h

Table with columns: ID, Name, Frequency, Power, Error, etc. Includes entries like P26A Davis Ranch, M30A Dale-Ortello V, Q24A Divide, etc.

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Table with columns: ID, Name, Frequency, Power, Error, etc. Includes entries like MSU Marysvale, J25A Sunshine Ranch, H28A Mission Ridge, etc.

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Table with columns: ID, Name, Frequency, Power, Error, etc. Includes entries like AHID Auburn Hatcher, I19A Meeteetse, HVU Hansel Valley, etc.

Table with columns for station name, location, frequency, power, and other technical details. Includes stations like Newport, Chrisman Ranch, and various international stations.

Table with columns for station name, location, frequency, power, and other technical details. Includes stations like VORD, VRHR, and various international stations.

Table with columns for station name, location, frequency, power, and other technical details. Includes stations like ULN, KSRs, and various international stations.

Error ellipse: s-maj=13.1km s-min=11.5km az=129.0
NCC 05 22:14:30.8+2.7,36:88N.0,17.03E,h157km,m22km,mb3.5,
mpv4.3,Error ellipse: s-maj=24.3km s-min=11.2km
az=165.0
ISC 05 22:14:24.6+0.6,36:38N.0,05:71.51E,0.05,h114km,n70,
a19079,mb3.9/11,10C-6D,Afghanistan-Tajikistan
border region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their recorded events.

INK Inuvik 73.96 9 P P 22 25 49.0 +2.1
WRA Warramunga Arr 81.58 122 P P 22 26 28.2 -1.8
SADO Sadow 94.97 329 LR LR 23 11 02.6

IDC 05 22:23:2.2+2.5,6:66E,150:88E,h0km,mb3.7/3,
mb1 4.0/4,mb1mx3.5/42,mbtmp3.9/4,ML1.9/1,Error
ellipse: s-maj=67.0km s-min=38.5km az=128.0,New
Britain region

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

IDC 05 22:29:03.2+3.2,8:55S,121:25E,h0km,mb3.9/2,
mb1 3.6/4,mb1mx3.4/48,mbtmp3.6/4,ML3.5/2,Error
ellipse: s-maj=272.2km s-min=27.4km az=54.0
ISCJB 05 22:29:14.7+1.2,9:52S,0:09,120:8E,0:1,h100km,
mb3.7/2,Error ellipse: s-maj=14.4km s-min=12.7km
az=174.6
DJA 05 22:29:16.5+0.5,9:56S,12:1E,1,h87km,13km,M3.8/8,
MLV3.8/8

ISC 05 22:29:15.8+1.4,9:46S,0:09,120:81E,0:08,h100km,n10,
a1902/9,Sumba region

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

NIED 05 22:29:00.25+40N,124:80E,h5km,Mw4.1 Best double
couple: M1:74000,1015 NP1:35,00000; 846,00000,
7164,00000 NP2:264,00000; 878,00000,
145,00000
ISCJB 05 22:29:15.7+1.5,25:37N,0:05,124:79E,0:0,6,h2km,13km,
mb3.3/4,MS3.4/9,Error ellipse: s-maj=10.9km
s-min=5.2km az=136.3

JMA 05 22:29:16.5+0.2,25:38N,124:83E,h15km,3km,M4.5
IDC 05 22:29:19.3+1.3,25:62N,124:55E,h0km,mb3.5/4,
mb1 3.6/8,mb1mx3.4/65,mbtmp3.5/8,ML3.0/4,MS3.4/11,
Ms1 3.4/11,ms1mx3.1/37,Error ellipse: s-maj=28.5km
s-min=23.5km az=69.0

ISC 05 22:29:17.3+1.9,25:31N,0:07,124:78E,0:05,h8km,15km,
n30,a097/29,mb3.4/4,MS3.4/9,Northeast of Taiwan

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the Northeast of Taiwan region.

IDC 05 22:55:07.0+0.9,19:03N,144:87E,h0km,mb3.7/7,
mb1 3.9/7,mb1mx3.6/50,mbtmp3.7/7,Error ellipse:
s-maj=38.6km s-min=20.2km az=92.0
ISCJB 05 22:55:10.2+0.8,19:0N,0:1,144:8E,0:3,h33km,mb3.7/7,
Error ellipse: s-maj=37.3km s-min=18.4km az=4.3
ISC 05 22:55:12.4+0.9,19:0N,0:1,144:8E,0:3,h35km,n7,
a0627/7,mb3.7/7,Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the Mariana Islands region.

ISC 05 22:34:02.7+0.6,5:94S,150:84E,h0km,mb4.1/15,
mb1 4.3/17,mb1mx4.1/42,mbtmp4.1/17,ML2.8/2,MS3.5/14,
Ms1 3.6/14,ms1mx3.4/24,Error ellipse: s-maj=19.6km
s-min=11.0km az=114.0
ISCJB 05 22:34:07.0+0.5,5:93S,0:06,150:76E,0:09,h43km,
mb4.1/18,MS3.6/12,Error ellipse: s-maj=12.9km
s-min=7.0km az=20.0
NEIC 05 22:34:07.9+0.5,5:96S,150:87E,h35km,mb4.6/3,Error
ellipse: s-maj=14.5km s-min=8.4km az=100.0
AUST 05 22:34:14.0+1.4,5:92S,151:28E,h143km,Error ellipse:
s-maj=1.7km s-min=1.4km az=352.0
ISC 05 22:34:09.1+0.6,5:50S,0:08,150:9E,0:1,h43km,n43,
a191/33,mb4.1/18,MS3.6/12,New Britain region

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

PMG comp=Z,537nm,21.2s,baz=7.5,slow=37 LR LR 22 37 07.9
PMG Port Moresby 5.03 227 ePn Pn 22 35 22.3 +0.3
PMG Manu Island 5.21 318 eS Pn 22 36 18.8 -0.1

PMG Guam 5.5 SNR=4.1 LR LR 22 35 32.7 +8.2
HNR Honiara 9.65 112 LR LR 22 39 35.9
MTSU Mount Surprise 13.70 207 LR LR 22 37 21.0 +0.2

CTA Charters Tower 14.76 197 Pn Pn 22 37 34.4 -0.7
CTAO Charters Tower 14.76 197 ePn Pn 22 37 31.3 -3.8
QIS Mount Isa 18.18 216 P Pn 22 38 19.3 +1.0
KDU Kakadu 19.23 248 P P 22 38 30.4 -0.6

GUMO Guam comp=Z,95nm,20.1s,baz=15.2,slow=34 LR LR 22 45 23.0
RMQ Roma 20.53 185 P Pn 22 38 45.6 -0.8
ASAR Alice Springs 21.23 228 eP Pn 22 38 51.4 -0.2

WRAB Warramunga Arr 21.25 228 LR LR 22 38 51.0 -0.7
WRA 5.1nm,0.5s,baz=50,slow=10,SNR=5 S S 22 42 48.5 +2.7
WRA 0.2nm,0.3s,baz=43,slow=20,SNR=5.5 S S 22 42 56.9 +1.1

QLP 2.4nm,0.8s,baz=42,slow=2.1,SNR=6.6 LR LR 22 38 55.0 +0.9
DZM Mont Dzacum 22.01 138 P P 22 38 59.7 -0.3
ASAR Alice Springs 24.01 221 P S 22 39 20.3 +0.2

ASAR 1.2nm,0.9s,baz=35,slow=23,SNR=5.4 LR LR 22 43 37.7 +3.2
ASAR 1.2nm,0.9s,baz=35,slow=23,SNR=5.4 LR LR 22 43 10.2
STKA Stephens Creek 27.22 197 LR LR 22 39 48.5 -0.6

STKA 6.0nm,0.8s,baz=11,slow=6.5,SNR=1.1 LR LR 22 51 20.9
FITZ Fitzroy Crossi 27.42 242 P P 22 39 50.6 -0.4
FITZ Fitzroy Crossi 27.42 242 eP P 22 39 49.9 -1.0

WRKA Warakura 28.77 226 P P 22 40 03.7 +0.6
MEEK Meekatharra 36.98 233 P P 22 41 14.4 -0.2
JNU Nakatsue 43.23 35 P P 22 42 07.3 +1.0

KRSR Kurchatov Arr 48.19 335 P P 22 42 46.0 +0.7
KRSR Kurchatov Arr 48.19 335 P P 22 41 13.2
KRSR Kurchatov Arr 48.19 335 P P 22 42 46.0 +0.7

USAR USSysyk Arr 52.73 343 LR LR 22 04 10.8
CMAR Chiang Mai Arr 56.63 297 P P 22 43 49.1 +0.9
CMAR 0.6nm,0.3s,baz=120,slow=5.5,SNR=7.6 LR LR 22 07 44.3

PETK Petropavlovsk- 59.11 5 LR LR 22 05 59.8
SONA Songino Array 66.27 33 P P 22 44 52.8 -0.3
VONDA Vanda 71.77 177 P P 22 45 25.7 -0.9

VNDA comp=Z,30nm,18.0s,baz=332,slow=35 LR LR 22 15 55.9
MKAR Makanchi Array 79.92 319 P P 22 46 13.3 -0.3
ZALV Zalesovo Beam 81.03 327 P P 22 46 18.0 -1.4

ZALV 1.0nm,0.6s,baz=117,slow=4.9,SNR=5.1 LR LR 22 22 19.7
KURB Kurchatov Arr 83.48 333 P P 22 46 31.0 -1.3
KURB Kurchatov Arr 83.50 322 P P 22 46 31.0 -1.3

MAW Mawson 83.78 203 LR LR 22 30 38.8
ILAR Elision Array 83.94 22 P P 22 46 32.6 -1.7
ILAR 1.0nm,0.7s,baz=254,slow=4.9,SNR=8.3 LR LR 22 30 17.8

QSPA South Pole Qui 84.03 180 eP P 22 46 36.0 +1.1
BVAR Borovoye Array 88.93 320 P P 22 46 57.9 -1.4
NVAR Mina Array Bea 94.31 52 P P 22 47 25.6 +0.9

PDAR Pinedale Array 101.04 48 P P 22 47 55.7 +0.8
GERES GERRSS Array B 123.98 237 PKP PKP 22 53 02.8 -0.2
TORO Torodi Arr Bea 148.78 326 PKPbc PKPbc 22 53 53.3 +0.3

BDFB Brasilia 151.56 139 PKPbc PKPbc 22 54 00.2 +0.5
IDC 05 22:55:07.0+0.9,19:03N,144:87E,h0km,mb3.7/7,
mb1 3.9/7,mb1mx3.6/50,mbtmp3.7/7,Error ellipse:
s-maj=38.6km s-min=20.2km az=92.0
ISCJB 05 22:55:10.2+0.8,19:0N,0:1,144:8E,0:3,h33km,mb3.7/7,
Error ellipse: s-maj=37.3km s-min=18.4km az=4.3
ISC 05 22:55:12.4+0.9,19:0N,0:1,144:8E,0:3,h35km,n7,
a0627/7,mb3.7/7,Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the Mariana Islands region.

ILAR	comp=Z,3.6nm,1.5s	64.41 28 P	P	00 13 04.4 +0.4
PRGR	comp=Z,0.8nm,0.8s,baz=265,slow=6.6,SNR=9.2	64.46 328 P	Pmax	00 13 02.0 -2.4
INK	comp=Z,9.0nm,1.1s	68.93 23 P	P	00 13 33.7 +0.9
GNI	comp=Z,1.3nm,0.8s,baz=283,slow=4.6,SNR=3.0	69.64 306eP	Pmax	00 13 40.8 +2.8
KBZ	comp=Z,6.0nm,1.2s	69.92 310 P	P	00 13 41.1 +1.8
KIV	comp=Z,15nm,0.8s,baz=121,slow=1.1,SNR=39	70.00 310eP	P	00 13 41.5 +1.6
KIV	comp=Z,4.3nm,1.0s,baz=52,slow=5.3		e	00 13 50.5
KIV	comp=Z,18nm,1.0s		Pmax	00 16 16.9
KIV	comp=Z,61nm,18.0s		MLR	
KIV	comp=Z,2.61nm,18.0s	70.00 310 eP	P	00 13 41.5 +1.6
VSR	comp=Z,12nm,0.8s	70.17 318 eP	Pmax	00 13 40.9 +0.1
VSR	comp=Z,6.0nm,0.6s		Pmax	
VSR	comp=N,10.0nm,0.9s		Pmax	
VSR	comp=E,8.0nm,0.8s		Pmax	
OBN	comp=Z,4.0nm,0.9s	70.53 322 eP	P	00 13 45.2 +2.4
OBN	comp=Z,113nm,18.0s		MLR	
ARCES	comp=Z,3.6nm,1.0s,baz=72,slow=7.8,SNR=4.9	70.58 339 P	P	00 13 43.3 +0.3
ARCES	comp=Z,4.0nm,1.0s	70.58 339 eP	Pmax	00 13 43.2 +0.3
FINES	comp=Z,2.4nm,0.6s,baz=85,slow=5.7,SNR=20	73.50 331 P	LR	00 14 00.6 +0.1
FINES	comp=Z,44nm,20.7s,baz=69,slow=36		LR	00 48 38.3
FINES	comp=Z,3.0nm,0.7s	75.30 331 eP	Pmax	00 14 01.0 +0.4
AKASG	comp=Z,1.5nm,0.5s,baz=59,slow=6.3,SNR=6.1	76.24 320 P	LR	00 14 16.8 +0.1
BRTR	comp=Z,2.1nm,0.8s,baz=96,slow=5.1,SNR=11	77.80 308 P	P	00 14 26.8 +1.0
YKA	comp=Z,0.9nm,0.7s,baz=305,slow=5.5,SNR=3.0	78.54 25 P	P	00 14 30.9 +1.7
NB2	comp=Z,3.3nm,0.9s,baz=51,slow=5.4,SNR=9.9	79.93 334 P	P	00 14 36.7 -0.2
NOA	comp=Z,3.3nm,0.9s,baz=51,slow=5.4,SNR=9.9	79.93 334 P	LR	00 14 36.7 -0.2
NOA	comp=Z,41nm,19.0s,baz=79,slow=39		LR	00 54 34.4
NOA	comp=Z,4.1nm,19.0s,baz=79,slow=39	79.93 334 eP	Pmax	00 14 37.1 +0.2
BRG	comp=Z,3.0nm,0.9s	85.89 323 e(P)	P	00 15 04.0 +2.5
BRG	comp=Z,6.7nm,1.1s	84.60 325 eP	Pmax	00 15 04.0 +2.5
CLL	comp=Z,7.0nm,1.1s	84.83 325 eP	P	00 15 03.0 +0.3
CLL	comp=Z,100nm,19.3s		LmV	00 56 00.0
CONA	comp=Z,4nm,0.9s	85.23 322 LmV	P	00 15 07.1 +2.2
GERES	comp=Z,0.9nm,0.7s,baz=34,slow=5.3,SNR=7.2	85.89 323 P	LR	00 15 09.0 +0.8
GERES	comp=Z,94nm,19.2s,baz=74,slow=39		LR	00 57 09.8
GERES	comp=Z,94nm,19.2s,baz=74,slow=39		LR	00 57 09.8
PPT	comp=Z,2.6nm,1.0s,baz=85,slow=6.6,SNR=9.2	90.12 109 LR	LR	00 15 09.0 +0.8
NVAR	comp=Z,0.2nm,0.3s,baz=257,slow=2.6,SNR=5.6	90.24 46 P	P	00 15 30.2 +0.9

KRSC 06 00:11:22.4:0.8,51.59N,157.59E,h118km,10km,ML3.7, Near east coast of Kamchatka Peninsula

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
ASAK	Asacha	0.82 13 eP	Op	Pn	00 11 43.7 +1.1	
MIPR	Malaya IpeI'ka	0.85 324 eP	Op	Pn	00 11 43.1 +0.2	
MTVR	Mutnovka	0.97 22 eP	Op	Pn	00 11 45.0 +0.9	
RUS	Russkaya	1.02 34 eP	Op	Pn	00 11 45.5 +1.1	
SKR	Severo-Kuril's	1.29 224 eP	Op	Pn	00 11 49.0 +1.8	
SKR	Severo-Kuril's	1.37 349 eP	Op	Pn	00 12 08.0 +1.9	
JAPC	Petrovlovsk	1.58 24 eS	Op	Pn	00 12 13.3 +1.3	
PET	Petrovlovsk	1.58 24 eS	Op	Pn	00 12 13.3 +1.3	
UGLR	Uglovaya	1.79 24 eP	Op	Pn	00 11 55.4 +2.1	
UGLR	Uglovaya	1.79 24 eP	Op	Pn	00 12 18.8 +1.9	
AVH	Avacha	1.82 22 eP	Op	Pn	00 11 55.8 +2.2	
AVH	Avacha	1.82 22 eP	Op	Pn	00 12 19.9 +2.5	
KOK	Koryaka	1.83 20 eP	Op	Pn	00 12 19.6 +2.1	
KOK	Koryaka	1.83 20 eP	Op	Pn	00 12 19.6 +2.1	
SMAR	Somma	1.84 23 eP	Op	Pn	00 11 55.8 +1.9	
KRX	Arik	1.89 20 eP	Op	Pn	00 11 56.2 +1.7	
KRX	Arik	1.89 20 eP	Op	Pn	00 12 20.4 +1.3	
GNL	Ganally	2.12 6 eS	Op	Pn	00 11 58.1 +0.7	
SPN	Mys Shipunski	2.13 44 eP	Op	Pn	00 11 58.7 +0.7	
SPN	Mys Shipunski	2.13 44 eP	Op	Pn	00 12 24.0 +0.0	
MKZ	Mys Kozlova	3.88 38 eP	Op	Pn	00 12 21.1 +0.9	
KZV	Kizimen	3.89 24 eP	Op	Pn	00 12 22.7 +2.2	
TUMR	Tumrok	4.01 21 eP	Op	Pn	00 12 24.4 +2.4	
KBTR	Krutoberegovo	5.57 32 eP	Op	Pn	00 12 43.8 +1.0	

DJA 06 00:33:29.3:0.7,8.53°S,107.6°E,h31km,8km,ML3.9/11,Jawa

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
CISI	Cisomet, Garu	0.85 43 P	Op	Pn	00 33 44.9 +0.4	
CISI	Cisomet, Garu	0.85 43 P	Op	Pn	00 33 56.7 0.0	
CNIJ	Cibinong	0.87 353 P	S	Pn	00 33 44.8 -0.6	
CNIJ	Cibinong	0.87 353 P	S	Pn	00 33 57.6 +0.3	
CMIJ	Cimerak	1.27 72 P	S	Pn	00 33 51.0 +0.1	
CMIJ	Cimerak	1.27 72 P	S	Pn	00 34 07.7 +0.8	
SKJI	Sukabumi	1.34 330 P	S	Pn	00 33 52.2 +0.2	
SKJI	Sukabumi	1.34 330 P	S	Pn	00 34 09.8 +1.0	
LEM	Lembang	1.40 16 P	S	Pn	00 33 52.8 -0.1	
LEM	Lembang	1.40 16 P	S	Pn	00 34 11.0 +0.5	
CGJI	Cibinong	2.18 315 P	S	Pn	00 34 03.6 +0.2	
CGJI	Cibinong	2.18 315 P	S	Pn	00 34 30.4 +1.0	
UCMI	Wanagama	3.27 86 P	S	Pn	00 34 18.6 +0.1	
NGJI	Ngawi	4.27 79 P	P	Pn	00 34 32.4 +0.2	

KRSC 06 00:38:11.2:1.9,49.43N,157.20E,h40km,26km,ML4.6

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
SKR	Severo-Kuril's	1.43 346 eP	Op	Pn	00 38 34.6 -0.2	
SKR	Severo-Kuril's	1.43 346 eP	Op	Pn	00 38 51.6 -0.8	
SKR	Severo-Kuril's	1.43 346 eP	Op	Pn	00 38 33.6 -1.2	
SKR	Severo-Kuril's	1.43 346 eP	Op	Pn	00 38 50.1 -2.3	
SKR	comp=Z,130nm,0.3s		smax	smax		
SKR	comp=N,2um,0.2s		smax	smax		
SKR	comp=E,2um,0.2s		smax	smax		
SKR	comp=N,2um,0.4s		smax	smax		
SKR	comp=E,2um,0.4s		smax	smax		
PAU	Pauzhetka	2.17 2 eP	Pn	Pn	00 38 45.6 +0.7	
PAU	Pauzhetka	2.17 2 eP	Pn	Pn	00 39 10.8 +0.2	
PAU	Pauzhetka	2.17 2 eP	Pn	Pn	00 38 45.6 +0.7	
PAU	Pauzhetka	2.17 2 eP	Pn	Pn	00 39 10.8 +0.2	
ASAK	Asacha	3.18 14 eP	Pn	Pn	00 38 59.8 +0.9	

MTVR	Mutnovka	3.33 16 eP	Pn	00 39 02.0 +1.1
MTVR	Mutnovka	3.33 16 eP	Pn	00 39 39.1 -0.1
RUS	Russkaya	3.34 20 eP	Pn	00 39 01.2 +0.2
RUS	Russkaya	3.34 20 eP	Pn	00 39 37.9 -1.6
RUS	Russkaya	3.34 20 eP	Pn	00 39 01.2 +0.2
RUS	Russkaya	3.34 20 eP	Pn	00 39 37.9 -1.6
APC	Apacha	3.64 5 eP	Pn	00 39 06.6 +1.5
APC	Apacha	3.64 5 eP	Pn	00 39 06.6 +1.5
PET	Petrovlovsk	3.93 18 eP	Pn	00 39 09.9 +0.9
PET	Petrovlovsk	3.93 18 eP	Pn	00 39 52.1 -1.7
PET	Petrovlovsk	3.93 18 eP	Pn	00 39 09.9 +0.9
PET	Petrovlovsk	3.93 18 eP	Pn	00 39 52.1 -1.7
UGLR	Uglovaya	4.14 18 eP	Pn	00 39 13.8 +1.8
AVH	Avacha	4.17 17 eP	Pn	00 39 14.9 +2.4
AVH	Avacha	4.17 17 eP	Pn	00 40 01.2 +1.2
AVH	Avacha	4.17 17 eP	Pn	00 39 14.9 +2.4
AVH	Avacha	4.17 17 eP	Pn	00 40 01.2 +1.2
AVH	Avacha	4.17 17 eP	Pn	00 39 14.9 +2.4
AVH	Avacha	4.17 17 eP	Pn	00 40 01.2 +1.2
KOK	Koryaka	4.18 16 eP	Pn	00 39 14.7 +2.1
KOK	Koryaka	4.18 16 eP	Pn	00 39 14.7 +2.1
SMAR	Somma	4.19 18 eP	Pn	00 39 14.3 +1.5
SMAR	Somma	4.19 18 eP	Pn	00 39 14.3 +1.5
KRER	Koryakskii	4.21 17 eP	Pn	00 39 14.7 +1.6
KRER	Koryakskii	4.21 17 eP	Pn	00 40 00.8 -0.3
SDLR	Sedlovina	4.22 18 eP	Pn	00 39 14.0 +0.9
SDLR	Sedlovina	4.22 18 eP	Pn	00 39 14.0 +0.9
KRX	Arik	4.25 16 eP	Pn	00 39 15.4 +1.9
SPN	Mys Shipunski	4.35 28 eP	Pn	00 39 15.3 +0.5
SPN	Mys Shipunski	4.35 28 eP	Pn	00 40 02.0 -2.1
SPN	Mys Shipunski	4.35 28 eP	Pn	00 39 15.3 +0.5
SPN	Mys Shipunski	4.35 28 eP	Pn	00 40 02.0 -2.1
GNL	Ganally	4.47 10 eP	Pn	00 39 18.2 +1.6
GNL	Ganally	4.47 10 eP	Pn	00 39 18.2 +1.6
MKZ	Mys Kozlova	6.12 29 eP	Pn	00 39 38.5 -0.5
MKZ	Mys Kozlova	6.12 29 eP	Pn	00 39 38.5 -0.5
TUMR	Tumrok	6.36 18 eP	Pn	00 39 44.2 +1.8
TUMR	Tumrok	6.36 18 eP	Pn	00 39 44.2 +1.8
GERES	GERESS Array B	77.15 336 eP	Pmax	00 49 57.8 -1.3

IDC 06 00:45:53.4:1.7,6.15S,150.65E,h0km,mb3.7/5, mb1 3.9/5, mb1mx3.7/28, mbtmp3.7/5, Error ellipse: s-maj=77.1km s-min=26.5km az=113.0

ISCJB 06 00:45:58.9:1.5,6.35S,0.2,150.6E,0.4,h48km,mb3.5/4, Error ellipse: s-maj=60.5km s-min=21.7km az=23.5

ISC 06 00:46:00.2:1.5,6.25S,0.2,150.6E,0.4,h48km,n6,00979/6, mb3.6/4, New Britain region

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
WRA	Warramunga Arr	20.88 228 P	Op	Pn	00 50 38.1 -0.4	
ASAR	Alice Springs	23.64 221 P	Op	Pn	00 51 07.4 0.0	
STKA	Stephens Creek	26.88 197 P	Op	Pn	00 51 37.1 +0.5	
MKAR	Makanchi Array	79.98 320 P	Op	Pn	00 58 05.1 +0.6	
ILAR	Eielson Array	84.30 22 P	Op	Pn	00 58 26.5 -0.2	
TORD	Tordil Ar. Bea	148.62 285 PKPbc	PKPbc	Pn	01 05 42.1 -1.0	

SJA 06 00:56:16.9:0.5,37.84S,76.09W,h34km,999km,ML4.4, MW4.4

GUC 06 00:56:56.1:0.6,35.92S,73.48W,h22km,4km,ML3.8

ISC 06 00:56:56.3:2.9,35.99S,0.07,73.5W,0.1,h3km,17km,n16, 0.090/18, Off coast of central Chile

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
COCH	Cobquecura	0.58 104 eP	Op	Pn	00 57 07.6 +0.3	
COCH	Cobquecura	0.58 104 eP	Op	Pn	00 57 07.6 +0.3	
CCSP	San Pedro de C	0.90 160 eP	Op	Pn	00 57 13.5 -0.1	
CCSP	San Pedro de C	0.90 160 eP	Op	Pn	00 57 26.2 +0.2	
CCSP	San Pedro de C	0.90 160 eP	Op	Pn	00 57 29.4	
LNCH	Linare	1.54 85 eP	Op	Pn	00 57 22.0 -0.4	
LNCH	Linare	1.54 85 eP	Op	Pn	00 57 42.1 +0.4	
TALC	Talca	1.62 69 eP	Op	Pn	00 57 22.7 -0.8	
TALC	Talca	1.62 69 eP	Op	Pn	00 57 43.5 -0.2	
U65B	Hualae0	1.73 54 eP	Op	Pn	00 57 22.6 -2.3	
U65B	Hualae0	1.73 54 eP	Op	Pn	00 57 44.2 -2.0	
U65B	Hualae0	1.73 54 eP	Op	Pn	00 57 55.8	
NICH	Los Niches	2.09 62 eP	Op	Pn	00 57 30.5 +0.5	
NICH	Los Niches	2.09 62 eP	Op	Pn	00 57 56.6 +1.3	
AAGR	Agrelo	4.82 54 eP	Op	Pn	00 58 08.6 +1.0	
AAGR	Agrelo	4.82 54 eP	Op	Pn	00 58 29.9 +1.2	
ARCO	CERRO ARCO	4.91 51 eP	Op	Pn	00 58 08.9 +0.9	
ARCO	CERRO ARCO	4.91 51 eP	Op	Pn	00 59 34.3 +1.4	
ARCO	CERRO ARCO	4.91 51 eP	Op	Pn	00 59 36.9	

MEX 06 00:57:50.4:0.5,17.40N,98.86W,h48km,11km,MD3.5, Guerrero

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
TLIG	Tlapa	0.32 59 iP	Op	Pn	00 57 58.6 +1.2	
TLIG	Tlapa	0.32 59 iP	Op	Pn	00 58 04.6 -1.8	
MEIG	Mezcala	0.90 306 iP	Op	Pn	00 58 04.9 -1.9	
MEIG	Mezcala	0.90 306 iP	Op	Pn	00 58 16.7 -2.3	
PLIG	Pinatello	1.17 328 iP	Op	Pn	00 58 09.2 -1.3	
PLIG	Pinatello	1.17 328 iP	Op	Pn	00 58 29.9 -3.1	
PNIG	Platanillo	1.22 145 iP	Op			

MKAR Makanchi Array 58.69 326 P P 01 34 36.5 -0.4
VDA Vanda 82.09 173 P P 01 36 59.2 +0.2

ISCJB 06 01:32:17.6, 32.16N, 115.21W, h15km, ML2.8(PAS),
NEIC 06 01:32:17.6, 32.16N, 115.21W, h15km, ML2.8(PAS),
ECX 06 01:32:18.2, 16.5, 0.32, 17N, 115.23W, h8km, MD2.9, ML3.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include Cerro Prieto, East Mesa, Mount Signal, Rancho Dawling, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include Yuma Desert, El Chino, Coahuella, Westside Schoo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include Glamis, El Zacaton, San Pedro Mart, Esteban Cantu, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include Pinyon Flat Ob, Orange Pipe Nat, Mount Wilson, Goldstone, etc.

NNC 06 01:48:42.5, 5.6, 37.01N, 71.01E, h0km, mb3.8, mpv3.4,
8C-1D, Error ellipse: s-maj=46.0km s-min=13.9km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include Dzherino, Sufi-Kurgan, MNAS, etc.

NNC 06 01:53:39.7, 3.1, 36.96N, 71.13E, h0km, mb3.6, mpv3.3,
5C-4D, Error ellipse: s-maj=25.7km s-min=11.0km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include Dzherino, Sufi-Kurgan, MNAS, etc.

NEIC 06 02:03:32.5, 16.30N, 98.97W, h15km, MD4.0(MEX), After
MEX.

MEX 06 02:03:32.5, 0.4, 16.30N, 98.97W, h15km, 9km, MD4.0,
Near coast of Guerrero

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include Pinotepa, Acapulco, Tlapi, El Cayaco, etc.

IDC 06 02:07:36.5, 3.7, 5.72S, 150.56E, h0km, mb3.4/2,
mb1 3.7/2, mb1mx3.4/35, mbtmp3.5/2, Error ellipse:

s-maj=143.4km s-min=49.0km az=118.0, New Britain
region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA, ASAR, TORO, etc.

IDC 06 02:09:39.6, 0.6, 7.81N, 126.67E, h0km, mb4.0/1/3,
MAN 06 02:09:44.7, 7.70N, 127.05E, h16km, mb5.0, ML3.9, MS4.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include Bislig, Mati, Davao City (W), etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include Davao City (W), Musuan, Cagayan de Oro, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include Warramunga Arr, Korea Array, ASAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include USRK, STKA, SONM, etc.

ISCJB 06 02:21:04.7, 0.5, 11.4N, 0.1, 85.9W, 0.1, h185km, 6km,
mb3.8/8, Error ellipse: s-maj=23.5km s-min=9.9km

IDC 06 02:21:05.1, 0.7, 11.45N, 85.71W, h176km, 11km, mb3.6/9,
mb1 3.7/10, mb1mx3.3/45, mbtmp4.0/10, Error ellipse:

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include GBSZ, GBJA, GBSB, etc.

MEX 06 02:34:59.5, 0.4, 16.34N, 98.84W, h20km, 86km, MD3.7,
Near coast of Guerrero

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include Pinotepa, Acapulco, Tlapi, El Cayaco, etc.

IDC 06 02:37:46.4, 3.4, 58N, 25.11E, h7km, ML5.0
NEIC 06 02:37:47.5, 0.4, 34.32N, 25.04E, h39km, mb4.8/60,

SJA 06 02:22:12.0, 0.1, 2.9, 87S, 71.76W, h50km, 28km, ML3.3,
MW4.3

ISCJB 06 02:22:13.2, 1.6, 2.9, 97S, 0.04, 71.65W, 0.09, h13km, 7km,
Error ellipse: s-maj=12.8km s-min=6.1km az=1.2

GUC 06 02:22:13.8, 0.4, 30.11S, 71.53W, h28km, 2km, ML3.9
ISC 06 02:22:15.1, 1.6, 30.04S, 0.04, 71.49W, 0.10, h25km, 11km,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include La Serena, Tololo Astrono, Las Campanas, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include VACH, VACH, Leocito, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ASAL, CLCH, CLCH, etc.

MAN 06 02:23:53.7, 7.70N, 127.05E, h16km, mb4.7, ML3.6, MS3.6
IDC 06 02:23:56.7, 1.2, 6.74N, 124.09E, h0km, mb3.6/4,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include Bislig, Mati, Davao City (W), etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA, ASAR, MKAR, etc.

IDC 06 02:29:40.4, 2.95, 0.5, 54.75N, 82.33E, h0km, Error ellipse:
s-maj=105.1km s-min=36.6km az=118.0, Southwestern
Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ZALESOVO INFRA, AKTYUBSK INF, etc.

IDC 06 02:31:09.8, 1.5, 5.90S, 150.74E, h0km, mb4.1/4,
mb1 4.3/5, mb1mx3.8/36, mbtmp4.1/5, ML2.0/1, MS2.6/2,

ISCJB 06 02:31:15.2, 1.3, 5.95S, 0.3, 150.5E, 0.14, h48km, mb3.8/3,
Error ellipse: s-maj=67.3km s-min=13.7km az=40.9

ISC 06 02:31:16.3, 1.5, 5.85S, 0.3, 150.4E, 0.14, h48km, n7, 0.08/17,
mb4.1/4, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include Port Moresby, PMG, PMG, etc.

MEX 06 02:34:59.5, 0.4, 16.34N, 98.84W, h20km, 86km, MD3.7,
Near coast of Guerrero

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include Pinotepa, Acapulco, Tlapi, El Cayaco, etc.

BUI 06 02:37:42.9, 3.4, 37N, 24.73E, h28km, mb5.0/44, mb4.8/27,
Ms4.8/25, Ms7.4/5/25

IDC 06 02:37:42.0, 0.4, 34.33N, 25.05E, h0km, mb4.8/36,
mb1 4.9/46, mb1mx4.7/69, mbtmp4.8/46, ML4.5/8, MS4.2/25,

ISCJB 06 02:37:43.9, 0.4, 34.27N, 0.1, 25.00E, 0.01, h26km, 3km,
mb4.8/125, MS4.2/34, Error ellipse: s-maj=2.5km

ATH 06 02:37:44.9, 34.28N, 24.90E, h34km, 3km, ML4.6
CSEM 06 02:37:45.8, 0.1, 34.26N, 25.00E, h28km, mb4.9/52, Ms4.3,

MOS 06 02:37:45.3, 1.1, 34.38N, 24.95E, h33km, mb5.1/37,
MS4.0/24, Error ellipse: s-maj=5.2km s-min=2.7km
az=87.3

DDA 06 02:37:46.4, 3.4, 58N, 25.11E, h7km, ML5.0
NEIC 06 02:37:47.5, 0.4, 34.32N, 25.04E, h39km, mb4.8/60,

Table with columns: GLL, Jalah, 7.36 128 P, Pn, 02 39 30.9 -1.2, etc. Includes entries for GLL, RZN, CTKS, etc.

Table with columns: TIRR, Tirgusor, 10.45 13 eP, Pn, 02 40 14.3 -0.1, etc. Includes entries for TIRR, DIVS, ISR, etc.

Table with columns: TREC, TREC, 02 40 14.3 -0.1, eS, Sn, 02 44 37.0 +4.5, etc. Includes entries for TREC, ONI, FUORNI, etc.

Table with columns: Station, Frequency, Power, Modulation, and other parameters. Includes stations like IGHG Ghaleghazi, BEL Belsk, PVCC Panska Ves, etc.

Table with columns: Station, Frequency, Power, Modulation, and other parameters. Includes stations like VSR comp=N,30nm,1.3s, VSR comp=E,30nm,0.7s, VSR comp=N,40nm,1.6s, etc.

Table with columns: Station, Frequency, Power, Modulation, and other parameters. Includes stations like IZEF Zefreh, IZEF Zefreh, ILAS Lasjerd, etc.

Table with columns for station call letters, name, coordinates, and various signal quality indicators (e.g., SNR, S/N, etc.). Rows include stations like Makanchi Array, Kurchatov, KASHI, etc.

Table with columns for station call letters, name, coordinates, and various signal quality indicators. Rows include stations like MATP, BLWY, TROMSO, RIACHUELO, etc.

Table with columns for station call letters, name, coordinates, and various signal quality indicators. Rows include stations like BEL, ASAF, SAF, SALA, etc.

6d 6h

Table with columns: Call Sign, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like MJAR, CASY, YES, PETK, EDW2, MONP, CMB, N02D, BELC, MPMC, YBH, WAKR, BC3, HEC, QSPA, GMRC, M04C, IRM, GRAC, NVAR, 214A, TPH, TPNV, J04D, I04A, J05D, KSRS, KSAR, R11A, R11A, BMM, TUC, WVOR, USRK, G08A, PMR, HLID, HLID, SCM, MVCO, PV10, TXAR, TXAR, RND, ANMO, PAX, MCKA, S22A, WRH, MLY, 529A, CCB, PDAR, PDAR, COLA, SMCO, ILAR, IM04, BOZ, 429A, SDCO, 530A, J19A, 128A, 631A, 832A, 119A, 129A, DAWY, 330A, 531A, Y20A, EGAK, RLMT, I20A, 632A, 632A, J21A, 532A, 331A, Y29A, 130A, COLD.

2010 AUG

Table with columns: Call Sign, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like Z30A, I21A, 231A, 432A, 834A, 131A, 332A, 533A, I22A, 231A, BJL, BJL, BJL, BJL, 534A, ABTX, Y31A, 333A, 233A, Z32A, 434A, R28A, 133A, 334A, 636A, 536A, W32A, 335A, U32A, MAW, X34A, HHC, HHC, HHC, V38A, KMI, KMI, CD2, SYO, CMAR, SNA4, SNA4, LZH, LZH, LZH, VNA1, ULM, SPMN, TLY, ARCE, FINES, BOZA, MALT, CLL, CLL, UPC, DPC, BURAR, OKR, KRLC, KRLC, MORC, TRPA, PRU, MEM, GMPB, GO, SNF, KECS, CFR, BCLA, VRI, PLOR, VRAC, TNS, DDU, ROTZ, WYHS, TIRR, GRF, GFR, MLR, WLF, KHC, KHC, KHC, BRTR, WET, GEC2, GEC2, VOIR, BFO, BFO, BZS, ECH, RJOB, WTTA, FETA, DIVS, TORD.

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Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like ISK, YER, YER, DALY, DALY, AYDB, AYDB, BODT, BODT.

CSEM 06:06:11:25.5, 43:05N-22:63E, h17km, ML1.6
BEO 06:06:11:25.5, 43:05N-22:63E, h1km, ML1.6/7.

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like ZAPS, VTS, VTS, VTS, VTS, BARS, SELS, SELS, SELS, SELS, SELS, KUBS, KUBS, GRUS, GRUS, IVAS, IVAS.

IDC 06:06:33:08.1, 2.7, 54.15N-86.38E, h0km, mbl 3.2/2, mb1mx3.0/3.1, mbtpm3.2/2, ML2.6/2, Error ellipse: s-maj=21.2km s-min=12.6km az=60.0, Southwestern Siberia

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like I46RU, ZALV, ZALV, KURBB, MKAR, MKAR.

SJA 06:06:39:53.5, 1.0, 33:73Sx73:33W, h33km, ML3.3, MW4.0
GUC 06:06:40:02.9, 0.4, 33:75Sx72:21W, h43km, 1km, ML3.3
ISCBJ 06:06:40:03.5, 1.4, 33:78Sx72:21W, 0.1, h17km, Error ellipse: s-maj=12.3km s-min=6.7km az=169.6

ISG 06:06:40:02.3, 2.2, 33:79Sx05:72:3W, 0.1, h17km, n17, s170/21, Off coast of central Chile

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like U73B, U73B, U73B, LNV, U69B, U69B, U69B, PEL, PEL, LACH, LACH, LACH, AUSP, ARCO, ARCO, AAGR, RTLS, RTLS, RTVC, RTVC, RTLL, AOMO, AVFE, MRA, VCA, VCA.

DJA 06:06:45:51.5, 2.7, 5.5, 8x10'OE, h39km, 37km, M4.3/3, ML4.3/3
IDC 06:06:45:58.9, 1.3, 3:14Sx101:24E, h0km, mb3.8/8, mb1 4.1/8, mb1mx3.9/3.7, mbtpm3.9/8, MS3.5/1, Ms1 3.5/1, ms1mx2.6/2.9, Error ellipse: s-maj=56.9km s-min=18.9km az=51.0

ISG 06:06:46:02.0, 0.9, 3:35Sx101:05E, 0'09, h27km, n24, s26/0'17, mb3.8/8, Southern Sumatra

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like PPSI, PPSI, MNAI, MNAI, PDSI, LHSI, SISI, SISI, LWLI, KASI, CMAR, H08S2, H08S3, H08S1, H01W3, H01W2, WRA, ASAR, SONM, MKAR, OPO, ZALV, KBZ, BRTR, TXAR.

IDC 06:06:46:55.3, 2.5, 17:40Sx177:85W, h0km, mb3.9/5,

mb1 4.3/5, mb1mx3.9/23, mbtmp3.9/5, Error ellipse: s-maj=211.6km s-min=22.6km az=155.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, NVAR Mina Array Bea, TXAR Lajlata Array, PDAR Pinedale Array.

CSEM 06:06:47:47.7, 34.11N:25.24E, h47km, MD3.6

ATH 06:06:47:47.2, 34.11N:25.18E, h31km, 177km, MD3.5/6, Crete

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SIVA Sivas, LAST Lasithi, LVD Gavdhos, GVD Gavdhos, etc.

NEIC 06:06:51:09.8, 16.15N:95.98W, h15km, MD4.4(MEX), After MEX

MEX 06:06:51:09.8, 0.4, 16.15N:95.98W, h15km, 6km, MD4.4, Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HUIG Huatulco, VHO Vista Hermosa, PNIG Pinotepa, etc.

GUC 06:06:58:34.9, 0.6, 37.71S:73.86W, h35km, 2km, ML3.9, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CCSP San Pedro de C, PSCH Puerto Saumadr, VLCH Valdivia, etc.

ISN 06:06:59:38.1, 1.3, 22.34N:45.87E, h5km, 19km, ML4.4

THR 06:06:59:53.9, 0.4, 26.73N:53.81E, h16km, 5km, ML4.1

ISCJB 06:06:59:55.3, 0.3, 27.00N:0.03:53.89E:0.03, h10km, mb4.1/4, MS3.5/13, Error ellipse: s-maj=4.6km

s-min=3.7km az=28.3

IDC 06:06:59:55.1, 0.7, 26.98N:53.96E, h0km, mb4.1/25, mb1 4.2/30, mb1mx4.1/49, mbtmp4.1/30, ML4.7/4, MS3.5/14, Ms1 3.5/14, ms1mx3.2/47, Error ellipse: s-maj=17.0km

s-min=12.9km az=174.0

NEIC 06:06:59:57.8, 27.04N:53.84E, h29km, mb4.3/17, ML4.1(THR), MN4.2(TEH), After TEH

TEH 06:06:59:57.7, 27.04N:53.84E, h28km, ML4.2

MOS 06:06:59:58.7, 1.0, 27.04N:53.85E, h33km, mb4.5/13, Error ellipse: s-maj=9.8km s-min=6.9km az=105.0

BUI 06:06:59:58.4, 26.90N:53.90E, h48km, mb4.7/9, mb4.6/5, Ms4.3/5, Ms7.4/0.5

CSEM 06:06:59:59.2, 0.2, 27.08N:53.86E, h20km, mb4.3/21, Ms3.9, Error ellipse: s-maj=6.3km s-min=5.0km az=36.0

DSN 06:07:00:02.0, 2.0, 27.13N:54.36E, h16km, mb3.6/9, ML4.7/6, Ms3.9/2, Error ellipse: s-maj=9.9km s-min=4.1km az=71.0

ISC 06:06:59:57.2, 0.4, 27.00N:0.04:53.86E:0.03, h10km, n172, e137/183, mb4.2/44, MS3.6/13, 6C-5D, Southern Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GHIR Ghir-Karzin, BNDS Bandar-Abbas, IDBND Bandar-Abbas, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IKAZ Kazeroun, KRBKR Kerman, KRBR Kerman, IMEH Mehriz, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARU Arti, MKAR Makanchi Array, MKAR Kurchatov Arra, AKASG Maini Array Be, KIEV Kiev, etc.

6d 8h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Sonsea Array, Eskdalemuir Ar, Midelt, etc.

IDC 06 07:02:05.6:52.0,23.59S-170.11W,h0km,mb3.8/3, mb1 4.0/3,mb1mx3.724,mbtmp3.8/3,Error ellipse: s-maj=1012.0km s-min=202.7km az=90.0, Tonga Islands region

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

IDC 06 07:05:42.4:2.5,35.64N-21.59E,h0km,mb3.7/7, mb1 3.7/9,mb1mx3.5/41,mbtmp3.6/9,ML3.5/2,MS1.7/1, Ms1 1.7/1,ms1 6.4/2,Error ellipse: s-maj=49.5km s-min=22.8km az=19.0

ATH 06 07:05:43.8,35.29N-21.45E,h36km,16km,MD3.5/24 THE 06 07:05:45.4,35.30N-21.31E,h43km,13km,ML3.0/6,Error ellipse: s-maj=13.6km s-min=0.7km az=53.0 CSEM 06 07:05:45.3:0.6,35.24N-21.42E,h40km,ML3.0,Error ellipse: s-maj=13.0km s-min=5.7km az=35.0

IDC 06 07:05:45.1:2.2,35.26N-120.121.38E,0.08h,46km,16km, n103,0698/121,mb3.6/6,Central Mediterranean Sea

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PYL PYLOS, ANKY Antikythira Is, KYTH Kithira, etc.

2010 AUG

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VILL Villia, VIL2 Platees, PDO Prodomos, etc.

IDC 06 07:23:43.8:2.8,53.98N-86.68E,h0km,mb1 3.0/2, mb1mx2.9/31,mbtmp3.0/2,ML2.7/2,Error ellipse: s-maj=23.1km s-min=14.4km az=61.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

DJA 06 07:27:32.9:0.6,0.N-5.12'E,1109km,6km,M4.0/12, mb4.0/4,mb5.2/12,MLV4.0/12,Mw(mb)4.6/2,Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KMSI Cibinong, LUWI Luwuk, etc.

IGQ 06 07:31:25.1:1.0,44S-81.55W,h6km,22km, Mb4.5,6C, Error ellipse: s-maj=5.6km s-min=2.9km az=14.7, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHIS Cerro-Chispas-JAMA, MAG1 Magdalena, etc.

IDC 06 07:32:59.2:0.2,20.29N-38.32E,h0km,mb3.6/6, mb1 3.7/9,mb1mx3.5/52,mbtmp3.6/9,ML3.3/3,MS3.1/10, Ms1 3.1/10,ms1mx2.9/39,Error ellipse: s-maj=40.0km s-min=27.7km az=167.0

ISCJB 06 07:33:01.4:1.2,20.8N:0.1:38.1E:0.1,h10km,mb3.6/6, MS3.2/7,Error ellipse: s-maj=23.0km s-min=12.0km az=33.8

HLW 06 07:33:02.8,20.68N-38.32E,h14km,10km,MD3.6 ISC 06 07:33:03.2:1.5,20.7N:0.2:38.1E:0.1,h10km,n18, c142/10,mb3.7/6,MS3.3/7,Red Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HAGS Hagol, HSFG baz=321, EIL Elat, etc.

IDC 06 07:39:44.2:1.9,2.53N-126.78E,h0km,mb3.8/4, mb1 4.0/4,mb1mx3.6/34,mbtmp3.8/4,Error ellipse: s-maj=183.2km s-min=22.8km az=65.0, Northern Molucca Sea

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

ISCJB 06 08:02:48.9:0.9,39.77N:0.0:46.01E:0.07,h14km,6km, Error ellipse: s-maj=9.3km s-min=7.5km az=4.2

ISK 06 08:02:48.2,39.76N-25.95E,h12km,MD3.0

CSEM 06 08:02:48.5:0.2,39.75N-25.95E,h10km,MD3.0,Error ellipse: s-maj=4.1km s-min=3.7km az=82.0

DDA 06 08:02:52.8,39.76N-26.58E,h3km,MD2.9

ISC 06 08:02:48.5:1.2,39.79N:0.0:35.99E:0.04,h8km,12km, n36,6192/42,Aegean Sea

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

IDC 06 08:08:03.3:2.5,33.44N-91.21E,h0km,mb1 3.3/4, mb1mx3.1/49,mbtmp3.3/4,ML2.5/3,C-2D,Error ellipse: s-maj=30.6km s-min=22.1km az=99.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

F25A	Bowman	121.29	40	P	PKPdf	09 17 26.0	-0.3
A27A	Ledoux Ranch,	121.32	36	P	PKPdf	09 17 25.6	-0.6
C26A	Wahner Farm, P	121.33	38	P	PKPdf	09 17 26.7	+0.4
N23A	Red Feather La	121.44	46	P	PKPdf	09 17 26.7	-0.3
N23A	Red Feather La	121.44	46	ePKPdf	PKPdf	09 17 26.7	-0.3
G25A	Newell	121.61	41	P	PKPdf	09 17 26.5	-0.5
RSSD	Black Hills	121.62	42	ePKIKP	PKPdf	09 17 26.6	-0.6
RSSD	Black Hills	121.62	42	ePKPdf	PKPdf	09 17 26.6	-0.6
PHWV	Pilot Hill	121.65	46	ePKPdf	PKPdf	09 17 27.0	-0.5
E26A	Carlson Angus	121.69	39	P	PKPdf	09 17 27.6	-0.5
H25A	Fruitdale	121.72	41	P	PKPdf	09 17 26.8	-0.4
C27A	Saylor Ranch,	121.73	37	P	PKPdf	09 17 26.8	-0.3
S22A	4UR Ranch, Cre	121.74	50	P	PKPdf	09 17 27.9	+0.1
S22A	4UR Ranch, Cre	121.74	50	ePKPdf	PKPdf	09 17 28.5	+0.7
F26A	Lodgepole	121.82	40	P	PKPdf	09 17 27.6	-0.6
A28A	Rude Farm, Bot	121.91	36	P	PKPdf	09 17 27.0	-0.4
ISCO	Idaho Springs	122.03	47	ePKIKP	PKPdf	09 17 28.8	+0.5
ISCO	Idaho Springs	122.03	47	PKPdf	PKPdf	09 17 28.1	-0.1
ISCO	Idaho Springs	122.03	47	ePKPdf	PKPdf	09 17 28.8	+0.5
J25A	Sunshine Ranch	122.05	43	P	PKPdf	09 17 27.3	-0.6
B28A	Dugan Ranch, T	122.07	36	P	PKPdf	09 17 27.3	-0.4
G26A	Maurine	122.09	40	P	PKPdf	09 17 27.1	-0.8
F27A	Lemmon	122.22	40	P	PKPdf	09 17 27.7	-0.3
H26A	Fairpoint	122.26	41	P	PKPdf	09 17 27.8	-0.4
E27A	Carson	122.27	39	P	PKPdf	09 17 27.7	-0.5
121A	Cookes Peak, D	122.29	56	P	PKPdf	09 17 28.7	-0.1
LAZ	Ladron	122.39	54	ePKPdf	PKPdf	09 17 29.8	+0.9
C26A	Hausauer Farms	122.40	37	P	PKPdf	09 17 28.7	+0.4
I26A	New Underwood	122.44	42	P	PKPdf	09 17 28.2	-0.4
G27A	Dupree	122.49	40	P	PKPdf	09 17 28.0	-0.6
A29A	Manning Farm,	122.50	35	P	PKPdf	09 17 27.8	-0.6
D28A	Regan	122.54	38	P	PKPdf	09 17 28.3	-0.3
J26A	Sides Ranch, S	122.57	43	P	PKPdf	09 17 28.4	-0.4
LENM	Lemitar	122.58	54	ePKPdf	PKPdf	09 17 30.9	+1.6
M25A	Palm-Eggl Farm	122.60	45	P	PKPdf	09 17 28.5	-0.6
Q24A	Divide	122.64	48	P	PKPdf	09 17 28.6	-0.9
B29A	Wagenman Farm,	122.66	36	P	PKPdf	09 17 28.0	-0.8
H27A	Howes	122.70	41	P	PKPdf	09 17 28.5	-0.5
K26A	Motz Farm, Whi	122.74	43	P	PKPdf	09 17 28.5	-0.8
E28A	Huff	122.74	38	P	PKPdf	09 17 28.5	-0.6
SDCO	Great Sand Dun	122.75	50	P	PKPdf	09 17 29.2	-0.4
SDCO	Great Sand Dun	122.75	50	ePKIKP	PKPdf	09 17 30.3	+0.7
ANMO	Albuquerque	122.79	53	ePKIKP	PKPdf	09 17 30.0	+0.3
ANMO	Albuquerque	122.79	53	PKPdf	PKPdf	09 17 30.0	+0.3
ANMO	Albuquerque	122.79	53	ePKPdf	PKPdf	09 17 30.4	+0.7
MDND	Madlock	122.81	37	P	PKPdf	09 17 29.4	+0.3
LPM	Los Pinos Moun	122.81	54	ePKPdf	PKPdf	09 17 30.5	+0.8
BNN	Barren Site	122.86	54	ePKPdf	PKPdf	09 17 30.7	+0.8
I27A	Quinn	122.95	42	P	PKPdf	09 17 28.6	-1.0
F28A	McLaughlin	123.00	39	P	PKPdf	09 17 28.8	-0.7
A30A	Hoffart Farm,	123.02	35	P	PKPdf	09 17 28.7	-0.8
D29A	Pettibone, Tap	123.19	37	P	PKPdf	09 17 29.3	-0.6
B30A	Myrvik Farm, E	123.25	35	P	PKPdf	09 17 29.3	-0.7
G28A	Parade	123.27	40	P	PKPdf	09 17 29.7	-0.4
J27A	Elkhorn Farm,	123.31	42	P	PKPdf	09 17 29.9	-0.5
H28A	Mission Ridge	123.37	41	P	PKPdf	09 17 29.7	-0.6
K27A	Flueckinger Fa	123.38	43	P	PKPdf	09 17 30.0	-0.5
C30A	Mose, Pekin	123.54	36	P	PKPdf	09 17 29.8	-0.7
I28A	Midland	123.56	41	P	PKPdf	09 17 29.8	-0.9
F29A	Eureka	123.61	39	P	PKPdf	09 17 30.3	-0.5
D30A	Buchanan	123.67	37	P	PKPdf	09 17 30.1	-0.7
ULM	Lac du Bonnet	123.67	33	PKP	PKPdf	09 17 29.4	-1.3
J28A	Allard Ranch,	123.76	42	P	PKPdf	09 17 30.7	-0.4
P26A	Davis Ranch, A	123.76	41	P	PKPdf	09 17 31.4	0.0
T25A	Trinidad	123.76	50	P	PKPdf	09 17 31.7	+0.2
T25A	Trinidad	123.76	50	ePKPdf	PKPdf	09 17 31.7	+0.2
G29A	Hoven	123.84	40	P	PKPdf	09 17 29.9	-1.3
Q26A	Hugo	123.85	48	P	PKPdf	09 17 31.4	-0.1
E30A	Jud	123.86	38	P	PKPdf	09 17 30.7	-0.5
N27A	Anderson Farm,	123.89	45	P	PKPdf	09 17 31.4	-0.2
H29A	Onida	123.91	40	P	PKPdf	09 17 30.8	-0.5
K28A	Ten Mile Ranch	123.96	43	P	PKPdf	09 17 30.9	-0.6
F30A	Leola	124.11	39	P	PKPdf	09 17 31.2	-0.5
R26A	Arlington	124.18	41	P	PKPdf	09 17 31.7	-0.4
I29A	Vivian Onida	124.12	41	P	PKPdf	09 17 31.0	-0.8
O27A	Beecher Island	124.16	46	P	PKPdf	09 17 31.8	-0.3
OGNE	Ogallala	124.20	45	P	PKPdf	09 17 31.8	-0.3
P27A	Ficken Ranch,	124.32	47	P	PKPdf	09 17 32.1	-0.4
G30A	Faulton	124.36	39	P	PKPdf	09 17 31.4	-0.8
J29A	Okreek	124.37	42	P	PKPdf	09 17 31.3	-1.0
T26A	Comanche Natio	124.37	50	P	PKPdf	09 17 32.3	-0.4
R27A	Eads	124.60	48	P	PKPdf	09 17 32.6	-0.4
O28A	Pribbeno Ranch	124.64	45	P	PKPdf	09 17 32.9	0.0
N28A	Krutsinger Ran	124.69	46	P	PKPdf	09 17 32.9	-0.2
S27A	Las Animas	124.73	49	P	PKPdf	09 17 33.3	0.0
I30A	Oacoma	124.73	41	P	PKPdf	09 17 32.3	-0.7
L29A	Maesberg Ranch	124.83	43	P	PKPdf	09 17 32.7	-0.5
P28A	Saint Francis	124.91	46	P	PKPdf	09 17 33.2	-0.3
J30A	Dallas	124.95	41	P	PKPdf	09 17 32.5	-0.8
Q28A	Sharon Springs	125.04	47	P	PKPdf	09 17 33.2	-0.6
T27A	Campo	125.07	50	P	PKPdf	09 17 33.9	0.0
K30A	Basset	125.15	42	P	PKPdf	09 17 33.6	-0.2

U27A	Thompson Grove	125.20	50	P	PKPdf	09 17 33.8	-0.4
R28A	Tribune	125.31	48	P	PKPdf	09 17 34.0	-0.4
O29A	4D Ranch, Culb	125.38	45	P	PKPdf	09 17 33.8	-0.6
L30A	Spencer Herefo	125.39	43	P	PKPdf	09 17 33.8	-0.5
V27A	Dan Oppiter Fa	125.40	51	P	PKPdf	09 17 33.9	-0.7
P29A	Atwood	125.48	46	P	PKPdf	09 17 34.0	-0.6
T28A	Walt	125.51	49	P	PKPdf	09 17 34.6	-0.1
S28A	Manter	125.51	49	P	PKPdf	09 17 34.1	-0.7
U28A	Mallet	125.67	50	P	PKPdf	09 17 34.8	-0.3
Q29A	Oakley	125.72	47	P	PKPdf	09 17 34.7	-0.3
H32A	Carlson Farm,	125.73	39	P	PKPdf	09 17 34.1	-0.7
R29A	Marienthal	125.77	48	P	PKPdf	09 17 34.6	-0.6
V28A	Channing	125.87	51	P	PKPdf	09 17 35.6	+0.1
O30A	MW Ranch, Wils	125.88	45	P	PKPdf	09 17 34.9	-0.4
L31A	Butterfield Fa	125.89	42	P	PKPdf	09 17 34.3	-0.9
P30A	Gelden	126.00	46	P	PKPdf	09 17 35.0	-0.6
J32A	Parkston	126.00	41	P	PKPdf	09 17 34.5	-0.8
W28A	Vega	126.04	52	P	PKPdf	09 17 35.4	-0.5
S29A	Ulysses	126.08	48	P	PKPdf	09 17 35.7	-0.1
H33A	Prehn Over Nor	126.08	39	P	PKPdf	09 17 35.3	-0.2
T29A	Hugoton	126.11	49	P	PKPdf	09 17 35.6	-0.2
M31A	Lambrecht Ranc	126.15	43	P	PKPdf	09 17 35.2	-0.5
Q30A	Quinter	126.23	47	P	PKPdf	09 17 36.2	+0.2
X32A	Verdigre	126.25	42	P	PKPdf	09 17 35.0	-0.9
K28A	Dimmitt	126.28	50	P	PKPdf	09 17 35.7	-0.6
I33A	Coleman	126.32	40	P	PKPdf	09 17 35.5	-0.6
V29A	Stinnett	126.37	51	P	PKPdf	09 17 36.5	+0.1
O31A	Woolen Ranch,	126.41	45	P	PKPdf	09 17 36.0	-0.3
R30A	Dighton	126.45	47	P	PKPdf	09 17 36.1	-0.3
TXAR	Lajitas Array	126.45	59	PKP	PKPdf	09 17 36.6	-0.2
TXAR	comp-Z,1.0nm,0.6s,baz=289,slow=3.6,SNR=14			SKPbc	PKPdf	09 20 53.0	
TXAR	comp-Z,0.5nm,0.8s,baz=289,slow=3.6,SNR=8.2			SKPbc	PKPbc	09 27 09.0	+0.2
L32A	Elgin	126.52	42	P	PKPdf	09 17 36.1	-0.4
S30A	Montezuma	126.55	49	P	PKPdf	09 17 36.6	-0.1
J33A	Davis	126.59	40	P	PKPdf	09 17 35.9	-0.6
ECSD	EROS Data Cent	126.62	40	P	PKPdf	09 17 36.0	-0.6
ECSD	EROS Data Cent	126.62	40	ePKPdf	PKPdf	09 17 36.0	-0.6
P31A	Stockton	126.62	46	P	PKPdf	09 17 36.0	-0.7
H34A	Spellman Lake,	126.68	38	P	PKPdf	09 17 36.2	-0.4
BGNE	Belgrade	126.68	43	P	PKPdf	09 17 36.2	-0.6
BGNE	Belgrade	126.68	43	ePKPdf	PKPdf	09 17 36.2	-0.6
X29A	Tulla	126.69	52	P	PKPdf	09 17 37.1	+0.1
T30A	Plains	126.72	49	P	PKPdf	09 17 36.9	-0.1
ESDC	Boanca Array	126.81	315	PKP	PKPdf	09 17 36.3	-0.8
ESDC	comp-Z,1.1nm,0.7s,baz=46,slow=3.0,SNR=9.2			PP	PKPdf	09 19 33.2	-1.3
U30A	WK&E Inc. Balk	126.81	50	P	PKPdf	09 17 37.6	+0.4
Y29A	Porterfield Fa	126.89	53	P	PKPdf	09 17 37.3	-0.2
I34A	Hadley	126.95	39	P	PKPdf	09 17 36.7	-0.5
R31A	Burdett	127.00	47	P	PKPdf	09 17 37.7	+0.2
Z29A	Hungry Hill Ra	127.05	54	P	PKPdf	09 17 38.0	+0.2
O32A	Groeman Farm,	127.09	44	P	PKPdf	09 17 37.2	-0.4
P29A	Stewart Farms,	127.10	55	P	PKPdf	09 17 37.7	-0.2
129A	Hulteig Farm,	127.13	45				

Table with columns: Y6d 9h, Call Sign, Frequency, Power, Mode, and other parameters. Includes stations like Marietta, Oologah, Perchaven, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, and other parameters. Includes stations like KARP Karpathos, ZKR Zakros, etc.

Table with columns: IR3, Call Sign, Frequency, Power, Mode, and other parameters. Includes stations like Iran Long-Peri, Sarab, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SLUM baz=176, APE Apeiranthos, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 06 09:35:32.5, mb1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CSEM 06 09:37:20.9, ISCJB 06 09:37:21.0, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KRSC 06 09:45:35.8, BKI Bering, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KOK Koryak, PET Petropavlovsk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HOMI Horasan, EATA Eleskirt, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DBOC Borcka, DBAD Bademkaya, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Southeast of Ryukyu Islands, JMZ Minamidaito, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DJA 06 10:10:30.7, UGM Wanagama, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CSEM 06 10:14:15.2, AKTO Aktubinsk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BVA0 Borovoye Array, BVA0 Borovoye, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 06 10:14:23.1, WRA Warrungama Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NERS 06 10:32:37.1, MOS 06 10:32:39.4, etc.

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

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

6d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MA2, MA2 Magadan, OMS, OMS, OMS, OMS, BOD, BOD, BOD.

AUST 06 10:40:47.1±8.5, 30.49S;175.64W, h289km, Error ellipse: s-maj=6.6km s-min=2.8km az=249.0

ISCJB 06 10:40:50.0±0.5, 32.24S;179.29W:0.10, h100km, mb4.2/1.1, Error ellipse: s-maj=12.2km s-min=3.8km

IDC 06 10:40:50.7±1.4, 32.17S;179.24W, h93km±12km, mb3.9/7, mb1.4/1.9, mb1mx3.9/27, mbtmp4.3/9, Error ellipse: s-maj=24.7km s-min=10.6km az=117.0

NEIC 06 10:40:51.4±1.1, 32.08S;179.19W, h97km±10km, mb4.6/4, Error ellipse: s-maj=15.8km s-min=11.2km az=113.0

ISC 06 10:40:51.7±0.6, 32.14S;179.2W:0.1, h100km, n113, az=117.0, mb4.2/1.1, South of Kermadec Islands

Main table of station data for the 6d 11h period, listing station names, coordinates, and various parameters.

2010 AUG

Table of station data for 2010 AUG, listing station names, coordinates, and various parameters.

IGQ 06 10:45:52.1, 0.158S;81.28W, h5km±163km, Mb4.5, Error ellipse: s-maj=7.3km s-min=4.4km az=10.0

IDC 06 10:45:55.9±0.9, 1.50S;81.01W, h0km, mb4.1/1.0, mb1.4/3.12, mb1mx4.1/29, mbtmp4.2/12, ML4.2/2, MS3.5/2, Ms1.3/5.2, ms1mx2.9/26, Error ellipse: s-maj=33.5km s-min=15.6km az=55.0

NEIC 10:46:01.6±1.8, 1.60S;81.02W, h44km±17km, mb4.3/6, mb4.5(IGQ), Error ellipse: s-maj=17.2km s-min=9.6km az=70.0

ISC 06 10:45:57.3±0.7, 1.49S;80.92W:0.06, h11km, n68, az=145/61, mb4.0/1.3, 4C-6D, Near coast of Ecuador

Table of station data for the 2010 AUG period, listing station names, coordinates, and various parameters.

Table of station data for the 2010 AUG period, listing station names, coordinates, and various parameters.

328

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUC, GUC 06 10:50:59.3±0.6, 34.31S;72.62W, h29km±4km, ML3.5, 3D, Near coast of central Chile.

DDA 06 11:00:43.6, 40.28N;29.14E, h5km, MD2.6

ISK 06 11:00:43.7, 40.28N;29.13E, h5km, MD2.8

CSEM 06 11:00:44.3±0.1, 40.28N;29.13E, h2km, MD2.6, Error ellipse: s-maj=2.3km s-min=1.9km az=163.0

ISC 06 11:00:44.4±1.0, 40.28N:0.02;29.15E:0.02, h9km±8km, n64, az=54/79, Turkey

Main table of station data for the 328 period, listing station names, coordinates, and various parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FINES, NOA, AKTO, TORO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VTS, BRTR, MMAL, EIL, etc.

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

IDC 06 12:12:38.8+0.34:66N:24:50E, h0km, mb4.0/12, mb1 4.1/23, mb1mx4.0/41, mbmp4.0/23, ML3.8/9, MS3.1/5, Ms1 3.1/5, ms1mx2.7/40, Error ellipse: s-maj=17.7km s-min=9.2km az=127.0

GERES GERES Array S 16.19 334 eP P 12 16 31.8 +0.2

IDC 06 12:38:23.4+0.9.6:16S:151:07E, h0km, mb4.0/11, mb1 4.2/12, mb1mx4.1/21, mbmp4.0/12, ML1.8/1, MS3.3/8, Ms1 3.3/8, ms1mx3.0/30, Error ellipse: s-maj=33.9km s-min=16.7km az=108.0

CSEM 06 12:12:43.5.34:84N:24:46E, h20km, MD3.8, n138, o1963/133, mb4.0/12, MS3.0/5, 2C-3D, Crete

GERES GERES Array S 16.19 334 eP P 12 16 31.3 +0.3

IDC 06 12:40:6.0.8.34:60N:0:04:24:55E:0:03, h21km, 5km, m3.9/12, MS3.0/5, Error ellipse: s-maj=7.2km s-min=4.3km az=0.0

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GVD, VAM, IACM, etc.

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

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

CSEM 06 12:30:15.7+0.1.34:80N:24:48E, h35km, MD2.5, Error ellipse: s-maj=7.0km s-min=1.7km az=161.0

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

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

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

CSEM 06 12:30:32.1+0.3.35:09N:26:90E, h10km, MD3.0, Error ellipse: s-maj=10.0km s-min=4.1km az=155.0

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

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

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

ATH 06 12:30:32.1+0.3.35:09N:26:90E, h10km, MD3.0, Error ellipse: s-maj=10.0km s-min=4.1km az=155.0

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

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

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

ATH 06 12:30:32.1+0.3.35:09N:26:90E, h10km, MD3.0, Error ellipse: s-maj=10.0km s-min=4.1km az=155.0

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

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

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

ATH 06 12:30:32.1+0.3.35:09N:26:90E, h10km, MD3.0, Error ellipse: s-maj=10.0km s-min=4.1km az=155.0

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

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

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

Rancagua, San Fernando and Santa Cruz.
ISC 06 15:48.8-1.9, 35.065, 0.03-72.67W, 0.07, h9km, 11km,
m63, s169.62, mb4.3/16, MS4.0/8, 3D, Near coast of
central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data.

ellipse: s-maj=11.2km s-min=3.9km az=151.0
ATH 06 15:20:32.1, 35.26N, 26.82E, h24km, 2km, MD3.3/8
ISC 06 15:20:31.8-1.1, 35.22N, 0.05-26.82E, 0.03, h24km, 9km,
m38, s108/52, mb3.6/3, Crete

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the Crete region.

ISC/JB 06 15:28:23.0, 3.24, 56N, 0.04, 122.59E, 0.02, h21km, 5km,
Error ellipse: s-maj=7.2km s-min=2.6km az=7.8
JMA 06 15:28:23.0, 1.24, 40N, 122.56E, h23km, 2km, M2.1
TAP 06 15:28:24.7, 24.50N, 122.47E, h13km, 1km, ML2.8, 3
ISC 06 15:28:23.0, 1.2, 45N, 122.56E, 0.02, h19km, 3km,
m26, s08/46/50, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the Taiwan region.

IDC 06 15:39:12.7, 9.3, 147.25N, 167.22E, h119km, 67km, mb3.6/4,
mb1 3.8/5, mb1mx3.4/31, mbtmp4.1/5, MS3.2/1, Ms1 3.2/1,
ms1mx2.5/33, Error ellipse: s-maj=118.1km
s-min=54.2km az=70.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the Vanuatu Islands.

IDC 06 15:41:50.2, 4.5, 6.40S, 146.48E, h109km, 31km, mb3.0/2,
mb1 3.3/5, mb1mx3.0/20, mbtmp3.6/5, Error ellipse:
s-maj=60.0km s-min=30.3km az=57.0
ISC 06 15:41:50.6, 2.8, 6.45S, 146.4E, 0.3, h110km, m7,
s0777.8, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the Eastern New Guinea region.

ISC/JB 06 15:55:16.0, 0.4, 45.75N, 0.02-26.59E, 0.03, h101km, 4km,
Error ellipse: s-maj=3.5km s-min=3.2km az=-1.9
SIGU 06 15:55:16.5, 45.76N, 26.57E, h99km, mb2.8
CSEM 06 15:55:17.9, 0.2, 45.69N, 26.54E, h91km, 3km, MD3.8,
Error ellipse: s-maj=4.4km s-min=3.2km az=2.0
BUC 06 15:55:18.1, 0.8, 45.69N, 26.58E, h89km, 9km, MD3.8/3,
Error ellipse: s-maj=7.2km s-min=6.0km az=5.0
ISC 06 15:55:16.8-1.2, 45.73N, 0.02-26.59E, 0.02, h99km, 5km,
m93, s104/133, 51C-12D, Romania

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for Romania and other regions.

IDC 06 15:20:26.9-1.8, 35.43N, 26.53E, h0km, mb3.8/3,
mb1 4.0/3, mb1mx3.4/30, mbtmp3.8/3, ML2.5/1, MS3.1/1,
Ms1 3.1/1, ms1mx2.3/42, Error ellipse: s-maj=113.7km
s-min=25.3km az=145.0
ISC/JB 06 15:20:29.8-1.1, 35.03N, 0.06-26.94E, 0.05, h21km, 7km,
mb3.6/3, MS3.1/1, Error ellipse: s-maj=10.0km
s-min=5.6km az=15.5
THE 06 15:20:30.9, 35.14N, 26.87E, h1km, 3km, ML2.4, Error
ellipse: s-maj=6.6km s-min=1.1km az=152.0
CSEM 06 15:20:31.0, 0.4, 35.13N, 26.88E, h15km, MD3.3, Error

Table with columns: SRE, Strehaha, 2.62 247 S, Sn, 15 56 28.6 -0.1, etc. Includes stations like SRE, Strehaha, Soroca, SORM, etc.

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like PMG, Port Moresby, WRA, Warramunga Arr, etc.

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

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

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

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

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

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

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like ASAR, Alice Springs, STKA, Stephens Creek, etc.

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

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

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

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

MKAR Makanchi Array 67.14 323 P 16 25 31.4 0.0

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like MXZ, Matakaoa Point, WMGZ, Waiaomatani S, etc.

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

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

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like WRA, Warramunga Arr, FINES, FINESS Array B, etc.

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like EYMN, Ely, SPMN, St. Paul, etc.

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like I10CA, LAC DU BONNET, ECSD, EROD, etc.

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like SKR, Severo-Kuril's, SKR, Severo-Kuril's, etc.

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like SKR, Severo-Kuril's, SKR, Severo-Kuril's, etc.

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

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

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

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

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

KUR comp=E,90nm,0.4s AMB AMB 16 37 42.7

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

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

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

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

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like YUK, Yuzh-Kuril'sk, YUK, Yuzh-Kuril'sk, etc.

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like JKA, Kanikawa-asahi, ASAJ, Asahikawa, etc.

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

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

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

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

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

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

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

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

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

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

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Alice Springs, Lajitas Array, TXAR, etc.

ISC 06 16:37:33.92.5.301.41N.83.38E, h0km, mb3.4/5, mb1 3.5/7, mb1mx3.3/37, mbtmp3.3/7, ML3.4/2, MS3.1/3, Ms1 3.1/3, ms1mx2.6/28, Error ellipse: s-maj=84.9km s-min=20.9km az=71.0

ISC 06 16:37:34.4.1.301.40N.02.83.2E.01.4, h18km, mb3.3/4, MS3.1/3, Error ellipse: s-maj=53.8km s-min=13.3km az=156.6

ISC 06 16:37:36.9.2.6.305N.02.83.4E.0.5, h18km, n11, c0517.7, mb3.3/4, MS3.0/3, Xizang

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

GUC 06 16:42:01.0.0.4.3468S.71.94W, h10km, 1km, ML3.6, 2C, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like U65B, NICH, U69B, etc.

ISC 06 16:46:49.2.1.2.4503N.28.04W, h0km, mb3.5/5, mb1 3.7/5, mb1mx3.5/31, mbtmp3.5/5, MS3.2/9, Ms1 3.2/9, s-min=25.9km az=21.0, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ESDC, SCHO, NOA, etc.

ISK 06 16:50:36.5.37.08N.36.52E, h5km, MD2.7 DDA 06 16:50:40.2.3.37.67N.36.44E, h7km, MD2.8 CSEM 06 16:50:40.2.3.37.64N.36.49E, h2km, MD2.8, Error ellipse: s-maj=9.1km s-min=7.8km az=177.0

ISC 06 16:50:40.5.1.37.63N.03.364E.0.03, h6km, 8km, n18, c087/30, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ANDN, KMRs, HCB, etc.

ISC 06 17:00:03.6.2.9.33.14S.178.86W, h0km, mb3.8/2, mb1 4.0/3, mb1mx3.6/24, mbtmp3.8/3, ML3.8/1, Error ellipse: s-maj=68.2km s-min=44.7km az=121.0

ISC 06 17:00:11.7.1.3.33.25S.07.179.6W.0.3, h35km, mb3.6/2, Error ellipse: s-maj=30.9km s-min=8.2km az=10.4

ISC 06 17:00:12.9.2.2.33.2S.01.179.6W.0.3, h35km, n19,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MXZ, WMWZ, HAZ, etc.

ISC 06 17:09:37.7.0.6.44.93N.28.18W, h0km, mb3.8/14, mb1 3.9/16, mb1mx3.7/49, mbtmp3.7/16, ML4.1/2, MS3.2/18, Ms1 3.2/18, ms1mx3.1/49, Error ellipse: s-maj=20.3km s-min=15.2km az=176.0

ISC 06 17:09:38.0.5.4.19.01N.1.28.06W.0.09, h14km, mb4.0/20, MS3.1/18, Error ellipse: s-maj=15.3km s-min=8.7km az=5.1

NEIC 06 17:09:39.0.0.4.44.90N.28.06W, h10km, mb4.4/6, Error ellipse: s-maj=15.2km s-min=9.4km az=188.0

CSEM 06 17:09:39.3.4.44.90N.28.06W, h10km, mb4.4/6

ISC 06 17:09:39.8.0.6.44.90N.1.28.06W.0.09, h14km, n52, MS3.1/18, mb4.0/20, MS3.1/18, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ESDC, MDT, DAVOX, etc.

ISC 06 17:27:25.3.1.9.18.72N.107.56W, h0km, mb3.5/4, mb1 4.1/7, mb1mx3.8/51, mbtmp3.8/7, ML3.7/3, MS3.3/5, Ms1 3.3/5, ms1mx3.0/29, Error ellipse: s-maj=57.5km s-min=22.3km az=54.0

BJI 06 17:27:26.0.1.18.80N.107.40W, h10km NEIC 06 17:27:26.7.1.5.18.67N.107.28W, h10km, mb4.0/30, MD4.4(MEX), Error ellipse: s-maj=22.0km s-min=7.7km az=192.0

MEX 06 17:27:41.0.0.4.17.29N.105.58W, h20km, 31km, MD4.4

ISC 06 17:27:26.0.9.18.86N.108.372W.0.08, h10km, n137, c152/102, mb4.0/21, MS3.3/3, Off coast of Jalisco

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like R15V, ANIG, H06E1, etc.

ISC 06 17:27:26.0.9.18.86N.108.372W.0.08, h10km, n137, c152/102, mb4.0/21, MS3.3/3, Off coast of Jalisco

SJA 06 17:11:26.4.0.0.22.29S.66.15W, h265km, 24km, ML3.3, MW3.4

ISC 06 17:11:27.6.0.3.22.42S.07.04.66.23W.0.03, h251km, mb3.8/7, Error ellipse: s-maj=5.5km s-min=4.1km az=27.8

IDC 06 17:11:27.5.0.9.22.45S.66.14W, h240km, 10km, mb3.6/7, mb1 3.7/13, mb1mx3.5/38, mbtmp4.2/13, Error ellipse: s-maj=15.6km s-min=13.1km az=23.0

GUC 06 17:11:28.9.0.5.22.33S.67.07W, h135km, 10km, ML5.2

ISC 06 17:11:28.4.0.6.22.43S.07.06.66.24W.0.06, h251km, n36, c153/47, mb3.9/7, Jujuj Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AZAP, ASTB, LVC, etc.

MACH Maria Elena 3.27 273 eP S 17 12 24.2 0.0

PB01 IPOC Station P 3.32 294 eP S 17 12 24.8 +0.1

PB07 IPOC Station P 3.46 281 eP S 17 12 26.2 0.0

FS3 Cayapas 3.66 177 eP S 17 12 29.5 +1.0

CEN1 Los Morros 3.78 255 eP S 17 13 19.2 +0.7

PB10 IPOC Station P 4.12 254 eP S 17 12 33.3 -0.4

PB11 IPOC Station P 4.15 309 eP S 17 12 34.1 -0.2

MINMC Minimini 4.54 316 eP S 17 12 37.7 +0.6

CYA Choya 6.00 176 eP S 17 12 55.7 -0.9

LPZ La Paz 6.36 343 P Pn 17 13 02.6 +0.8

LPZ comp=N.3.1nm,0.3s,baz=166,slow=9.9,SNR=81 S 17 14 14.0 -2.5

LPZ comp=N.0.6nm,0.3s,baz=251,slow=21,SNR=6.6 S 17 13 02.6 +0.8

SIV San Ignacio 6.05 38 P Pn 17 13 21.3 -1.2

CPUP comp=N.4.1nm,0.3s,baz=228,slow=13,SNR=77 P 17 13 34.0 -0.3

CFAA comp=N.0.2nm,0.3s,baz=302,slow=12,SNR=3.6 P 17 13 36.8 -1.6

CFAA comp=N.0.7nm,0.3s,baz=19,slow=12,SNR=17 S 17 15 14.7 -8.9

NNA Nana 14.50 314 P 17 14 44.0 +1.2

BDFB Brasilia 18.49 72 P P 17 15 25.9 -0.7

RCBR comp=N.0.7nm,0.3s,baz=272,slow=12,SNR=13 P 17 17 45.3 -0.5

VNA1 Neumayer-Stat 58.59 161 P P 17 21 02.1 +2.5

SNAAR Torodi Ar. Bea 75.35 69 P P 17 21 14.3 +1.8

TXAR Lajitas Array 82.83 3 P P 17 21 28.5 +0.6

DBIC Dimbokro 66.64 72 P P 17 21 51.4 -1.2

TORD comp=N.3.7nm,0.8s,baz=240,slow=7.8,SNR=4.6 P 17 22 44.0 -0.8

TORD comp=N.0.6nm,0.5s,baz=256,slow=5,SNR=49 P 17 23 43.8 +0.2

PDAR comp=N.2.7nm,0.8s,baz=246,slow=5.5,SNR=9.7 P 17 22 50.6 +1.4

BOSA comp=N.0.5nm,0.4s,baz=128,slow=8.3,SNR=4.9 P 17 23 13.8 -1.1

ESDC comp=N.2.2nm,0.8s,baz=269,slow=3.4,SNR=5.8 P 17 23 35.0 +0.4

ASAR Alice Springs 130.17 204 SKPbc SKPab 17 33 08.9 +0.4

WRA Warramunga Arr 133.34 207 SKPbc SKPbc 17 33 20.4 +0.6

MKAR Makanchi Array 144.87 39 PKPpdf 17 30 36.0 +0.5

ISC 06 17:27:25.3.1.9.18.72N.107.56W, h0km, mb3.5/4, mb1 4.1/7, mb1mx3.8/51, mbtmp3.8/7, ML3.7/3, MS3.3/5, Ms1 3.3/5, ms1mx3.0/29, Error ellipse: s-maj=57.5km s-min=22.3km az=54.0

BJI 06 17:27:26.0.1.18.80N.107.40W, h10km NEIC 06 17:27:26.7.1.5.18.67N.107.28W, h10km, mb4.0/30, MD4.4(MEX), Error ellipse: s-maj=22.0km s-min=7.7km az=192.0

MEX 06 17:27:41.0.0.4.17.29N.105.58W, h20km, 31km, MD4.4

ISC 06 17:27:26.0.9.18.86N.108.372W.0.08, h10km, n137, c152/102, mb4.0/21, MS3.3/3, Off coast of Jalisco

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like R15V, ANIG, H06E1, etc.

ISC 06 17:27:26.0.9.18.86N.108.372W.0.08, h10km, n137, c152/102, mb4.0/21, MS3.3/3, Off coast of Jalisco

H26A	Fairpoint	2.06 63 P	Pb	18 04 49.7 -0.7
H20A	Greyluff	2.07 293 P	Pn	18 04 49.0 +0.8
F22A	Resubud	2.19 343 P	Pn	18 04 50.0 +0.3
F24A	Ekalaka	2.24 16 P	Pn	18 04 51.5 +1.0
I27A	Quinn	2.41 80 P	Pn	18 04 54.6 +1.9
I27A	Quinn	baz=2.5	Sb	18 05 29.0 -0.3
M25A	Palm-Egeli Farm	2.45 157 P	Pn	18 04 54.9 +1.5
J27A	Elkhorn Farm	2.47 99 P	Pn	18 04 54.7 +1.2
K27A	Fleuckinger Fa	2.48 112 P	Pn	18 04 55.2 +1.5
F21A	Abaloka Mine	2.48 330 P	Pn	18 04 54.4 +0.7
H27A	Hoves	2.53 67 P	Pn	18 04 56.0 +1.6
G26A	Maurine	2.53 50 P	Pn	18 04 55.6 +1.2
G20A	Bridger	2.56 308 P	Pn	18 04 55.2 +0.3
F25A	Bowman	2.60 30 P	Pn	18 04 57.0 +1.6
I19A	Meeteetse	2.66 279 P	Pn	18 04 57.8 +1.4
J19A	Crowheart	2.74 262 P	Pn	18 04 59.4 +2.0
H19A	Powell	2.80 292 P	Pn	18 04 59.2 +1.1
N23A	Red Feather B	2.83 189 P	Pn	18 05 00.2 +1.4
F26A	Lodgepole	2.88 40 P	Pn	18 05 00.1 +1.0
G27A	Dupree	2.96 54 P	Pn	18 05 01.2 +0.8
G27A	Dupree	baz=2.9,SNR=22	Sb	18 05 44.4 +1.9
E25A	Miller Ranch	3.12 25 P	Pn	18 05 04.4 +1.8
RLMT	Red Lodge	3.15 298 P	Pn	18 05 04.2 +1.1
BW06	Boulder Array	3.22 255 ePn	Pn	18 05 04.2 +0.2
PDAR	Pinedale Array	3.22 255 Pn	Pn	18 05 05.2 +1.1
PDAR	15nm,0.3s, baz=70,slow=28,SNR=14	Lg	Lg	18 05 49.6
N27A	Anderson Farm	3.56 143 P	Pn	18 05 09.3 +0.7
OGNE	Ogallala	3.68 137 P	Pn	18 05 11.4 +1.1
GCMT	Greycliff	3.73 306 ePn	Pn	18 05 11.8 +0.8
LKWy	Lake	3.75 285 ePn	Pn	18 05 12.8 +1.5
LOHW	Long Hollow	3.82 271 ePn	Pn	18 05 14.1 +1.8
FLWY	Flagg Ranch	3.85 278 ePn	Pn	18 05 14.5 +1.2
ISCO	Idaho Springs	3.90 183 P	Pn	18 05 14.7 +1.2
ISCO	Idaho Springs	3.90 183 ePn	Pn	18 05 14.3 +0.9
D26A	Manning	3.92 31 P	Pn	18 05 14.6 +1.2
MOOV	Moose Ponds	3.92 273 ePn	Pn	18 05 15.5 +1.9
SNOW	Snow King Moun	3.94 269 ePn	Pn	18 05 16.7 +2.8
YNR	Norris Junctio	3.97 287 Pn	Pn	18 05 13.3 -1.1
REDW	Red Top Meadow	4.02 267 ePn	Pn	18 05 15.4 +0.4
YFT	Old Faithf	4.03 283 Pn	Pn	18 05 20.5 +3.5
IMW	Indian Meadow	4.06 275 ePn	Pn	18 05 17.1 +1.4
TPAW	Teton Pass	4.08 269 ePn	Pn	18 05 16.5 +0.5
O27A	Beecher Island	4.10 148 P	Pn	18 05 15.6 -1.3
O20A	White River O	4.16 212 ePn	Pn	18 05 15.6 -1.3
C25A	Freed Ranch, W	4.28 19 P	Pn	18 05 19.8 +1.5
AHID	Auburn Hatcher	4.31 260 Pn	Pn	18 05 19.2 +0.2
D27A	Center	4.34 37 P	Pn	18 05 20.0 +0.7
E28A	Huff	4.37 47 P	Pn	18 05 20.3 +0.6
QLMT	Earthquake Lak	4.52 287 ePn	Pn	18 05 19.7 -2.2
P27A	Ficken Ranch	4.62 152 P	Pn	18 05 23.4 +0.2
SMCO	Snowmass	4.68 196 ePn	Pn	18 05 24.3 +0.1
C26A	Wahner Farm, P	4.71 28 P	Pn	18 05 25.2 +0.8
B25A	Knox Farm, Ray	4.82 18 P	Pn	18 05 26.7 +0.8
DGMT	Dagmar	4.84 9 P	Pn	18 05 27.2 +1.1
BOZ	Bozeman (W)	4.89 296 P	Pn	18 05 27.0 +0.1
BOZ	Bozeman (W)	4.89 296 ePn	Pn	18 05 26.5 -0.5
P28A	Saint Francis	4.92 146 P	Pn	18 05 27.2 -0.1
HWUT	Hardware Ranch	5.04 248 ePn	Pn	18 05 29.8 +0.7
KSC0	Kaye Shedlock	5.10 156 ePn	Pn	18 05 29.9 +0.1
TCUT	Toone Canyon	5.18 242 ePn	Pn	18 05 31.8 +0.8
EGMT	Eagleton	5.32 326 ePn	Pn	18 05 32.0 -0.7
Q28A	Sharon Springs	5.33 149 P	Pn	18 05 32.6 -0.3
DLMT	Dillon	5.45 290 ePn	Pn	18 05 35.8 +1.2
HRV	Holter Researc	5.49 306 ePn	Pn	18 05 35.9 +0.8
LRM	Limekiln Ridge	5.49 295 ePn	Pn	18 05 36.3 +1.0
MCMT	McKenzie Canyo	5.51 284 ePn	Pn	18 05 38.8 +3.2
HVU	Hansel Valley	5.80 253 ePn	Pn	18 05 40.4 +0.9
PDV0	Paradox Valley	5.94 208 ePn	Pn	18 05 43.0 +1.6
SV04	Great Sand Dun	5.94 181 ePn	Pn	18 05 42.2 +0.7
R28A	Tribune	5.97 152 P	Pn	18 05 41.3 -0.4
SRU	San Rafael	6.01 222 ePn	Pn	18 05 41.7 -0.7
PV01	Paradox Valley	6.07 205 ePn	Pn	18 05 44.5 +1.3
TMUT	Trail Mountain	6.22 227 ePn	Pn	18 05 46.3 +1.0
CHMT	Chamberlain Mo	6.44 303 ePn	Pn	18 05 48.7 +0.5
DUG	Dugway	6.58 240 P	Pn	18 05 50.6 +0.6
DUG	Dugway	6.58 240 ePn	Pn	18 05 51.1 +1.1
HLID	Halley	6.59 272 ePn	Pn	18 05 52.4 +2.2
A29A	Manning Farm	6.73 37 P	Pn	18 05 52.1 +0.2
SWMT	Swartz Lake	7.17 305 ePn	Pn	18 05 57.8 -0.4
ULM	Lac du Bonnet	9.21 41 Pn	P	18 06 24.2 -1.8
ARCES	ARCES Array B	61.48 18 P	P	18 14 29.1 -0.8
MKAR	Makranc Array	89.64 355 P	P	18 17 11.0 -0.6

ZZEY	Zmir	0.70 265 P	Pg	18 09 28.7 -0.4
ZZEY	Zmir	0.70 265 P	Sb	18 09 30.0 +0.1
AYDN	Tasoluk	0.75 149 P	Pg	18 09 30.2 +0.1
AYDN	Tasoluk	0.75 149 P	Sg	18 09 30.5 +0.1
AYDN	Tasoluk	0.75 149 P	Sb	18 09 30.2 +0.1
KULA	Kula-Manisa	1.02 78 ePn	Sg	18 09 35.5 +0.3
KULA	Kula-Manisa	1.02 78 ePn	Sb	18 09 40.0 +0.3
KULA	Kula-Manisa	1.02 78 ePn	Sb	18 09 35.5 +0.3
CHOS	Chios Island	1.05 275 ePn	Pn	18 09 36.3 +0.2
CHOS	Chios Island	1.05 275 ePn	Pn	18 09 41.3 +0.2
DEM1	Demirci	1.28 54 P	Pg	18 09 40.8 +0.8
DEM1	Demirci	1.28 54 P	Sg	18 09 56.2 -0.5
DEM1	Demirci	1.28 54 P	Pg	18 09 40.8 +0.8
DEM1	Balya	1.45 7 P	Sg	18 09 56.2 -0.5
BALY	Balya	1.45 7 P	Sb	18 09 41.3 +0.2
BALY	Balya	1.45 7 P	Pn	18 09 41.3 +0.2
BALY	Balya	1.45 7 P	Sb	18 09 59.6 -0.9
SIGR	SIGRI	1.50 308 ePn	Pb	18 09 43.7 +0.4
SIGR	SIGRI	1.50 308 ePn	Pb	18 10 04.2 +0.4
SIGR	SIGRI	1.50 308 ePn	Sb	18 10 04.2 +0.4
SIGR	SIGRI	1.50 308 ePn	Sb	18 10 04.2 +0.4
DURS	Dursunbey	1.55 33 P	Pn	18 09 42.7 -0.3
DURS	Dursunbey	1.55 33 P	Sg	18 10 05.2 -0.1
DURS	Dursunbey	1.55 33 P	Pn	18 09 42.7 -0.3
DURS	Dursunbey	1.55 33 P	Sg	18 10 05.2 -0.1

ISC 06 18:26:12.3:3.6, 6:09S:151°31E, h0km, mb3.0/2, mb1 3.4/2, mb1mx3.1/30, mbtmp3.1/2, Error ellipse: s-maj=158.8km s-min=47.3km az=120.0, New Britain region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
PMG	Port Moresby	5.27 231 Pn	ISC	h m s	ISC
WRM	Warrungarra Arr	21.48 229 P	P	18 28 31.0	-2.9
ASAR	Alice Springs	24.20 222 P	P	18 31 31.4	+0.6
TORD	Torodi Ar. Bea	149.26 285 PKPbc	PKPbc	18 46 03.2	-0.9

ISC 06 18:41:17.4:15.0, 16:60S:179°18W, h393km, 171km, mb3.3/6, mb1 3.7/6, mb1mx3.3/21, mbtmp4.1/6, Error ellipse: s-maj=96.8km s-min=36.6km az=163.0, Fiji Islands region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
STKA	Stephens Creek	38.63 240 P	ISC	h m s	ISC
WRM	Warrungarra Arr	44.16 258 P	P	18 48 49.0	-0.4
ASAR	Alice Springs	44.45 253 P	P	18 48 51.8	+0.1
NVAR	Mina Array Bea	79.00 P	P	18 52 39.9	+0.5
ILAR	Eielson Array	84.79 13 P	P	18 53 07.8	-0.4
TXAR	Lafites Array	85.93 58 P	P	18 53 14.2	-0.5
GERES	GERES Array B	146.17 345 PKPbc	PKPbc	19 00 11.8	-0.6

ISK 06 19:08:19.5:39°43N:39°08E, h6km, MD2.7
DDA 06 19:08:20.9:39°39N:39°07E, h7km, MD2.9
CSEM 06 19:08:20.9:39°39N:39°08E, h19km, MD2.7
Error ellipse: s-maj=7.8km s-min=5.0km az=122.0
ISC/JB 06 19:08:21.1:0.5:39°39N:0°03'39"11E:0.04, h6km, 7km, Error ellipse: s-maj=5.6km s-min=4.3km az=21.8
ISC 06 19:08:20.9:1.2:39°40N:0°03'39"10E:0.03, h4km, 12km, n17, c0549/31, Turkey

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
EKCZ	Erzincan	0.40 29 ePn	ISC	h m s	ISC
KEMA	Kemaliye	0.49 254 P	P	19 08 30.1	-0.2
KEMA	Kemaliye	0.49 254 P	Sg	19 08 37.5	+0.8
KEMA	Kemaliye	0.49 254 P	Pg	19 08 30.1	-0.2
KEMA	Kemaliye	0.49 254 P	Sg	19 08 37.5	+0.8
ERZN	Erzincan	0.52 69 ePn	Sg	19 08 30.1	-0.8
ERZN	Erzincan	0.52 69 ePn	Sg	19 08 37.6	0.0
EUZM	Uzumlu	0.55 57 P	Sb	19 08 31.8	+0.2
EUZM	Uzumlu	0.55 57 P	Sb	19 08 41.7	+0.1
EUZM	Uzumlu	0.55 57 P	Sg	19 08 31.8	+0.2
PTK	Pertek	0.56 156 ePn	Pg	19 08 31.8	+0.1
PTK	Pertek	0.56 156 ePn	Pg	19 08 37.9	+0.5
KELT	Kelkit	0.75 9 P	Pg	19 08 35.6	+0.2
KELT	Kelkit	0.75 9 P	Pg	19 08 35.6	+0.2
KELN	Kelkit	0.75 9 P	Pg	19 08 35.6	+0.2
ELZG	Elazig	0.91 186 P	Pg	19 08 37.9	-0.5
ELZG	Elazig	0.91 186 P	Pg	19 08 52.0	+1.1
ELZG	Elazig	0.91 186 P	Sb	19 08 52.0	+1.1
SUSE	Susehri	1.06 320 P	Pb	19 08 41.7	-0.2
SUSE	Susehri	1.06 320 P	Sb	19 08 59.5	+1.4
MALT	Malatya	1.21 206 ePn	Pg	19 08 43.7	-0.4
MALT	Malatya	1.21 206 ePn	Sb	19 08 60.0	-0.5
MALT	Malatya	1.21 206 ePn	Sb	19 09 00.0	-0.5
CUKAN	Cukankangal-SIVAS	1.27 267 P	Pg	19 08 44.4	-0.9
CUKAN	Cukankangal-SIVAS	1.27 267 P	Pg	19 08 02.1	-0.1
AKCD	Akcadag	1.44 220 S	Sb	19 08 47.1	+0.3
AKCD	Akcadag	1.44 220 S	Sb	19 09 08.1	+0.9

ISC 06 19:15:31.6:1.8, 25°49N:49°83E, h0km, 7km, ML3.8
IDD 06 19:15:44.7:0.8, 29°27N:51°04E, h0km, mb3.9/19, mb1 4.0/23, mb1mx3.9/43, mbtmp3.9/23, ML3.8/4, MS2.5/2, Ms1 2.5/2, ms1mx2.1/39, Error ellipse: s-maj=19.8km s-min=13.4km az=162.0

ISC/JB 06 19:15:45.3:0.3, 29°31N:0°03'51"00E:0.03, h10km, mb4.0/26, Error ellipse: s-maj=4.5km s-min=3.8km az=22.6

NEIC 06 19:15:46.3:1.6, 29°26N:50°99E, h8km, 9km, mb4.2/9, MN3.8(TEH), Error ellipse: s-maj=5.3km s-min=4.7km az=179.0

THR 06 19:15:47.2:0.9, 29°38N:51°08E, h15km, ML3.8
CSEM 06 19:15:47.8:0.2, 29°38N:50°96E, h15km, mb4.3/9, MS3.9, Error ellipse: s-maj=5.3km s-min=4.2km az=30.0

BUI 06 19:15:49.6:2.9, 23°31N:51°28E, h34km, mb4.6/11, mb4.8/7, Ms4.2/4, Ms7.3/9.4

TEH 06 19:15:49.7:2.9, 45N:51°07E, h2km, ML3.8
DSN 06 19:15:50.0:0.7, 29°32N:51°04E, h16km, mb3.5/5, Ms3.9/1, Error ellipse: s-maj=19.3km s-min=5.7km az=49.0

ISC 06 19:15:47.1:0.5, 29°37N:0°04'51"04E:0.03, h10km, n151, c148/157, mb4.0/26, C-3D, Southern Iran

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
AHBU	AHRAM	0.56 156 ePn	ISC	h m s	ISC
IKAZ	Kazeroun	0.81 60 ePn	Pg	19 15 58.2	+0.3
IKAZ	Kazeroun	0.81 60 ePn	Pg	19 16 01.9	-0.9
IKAZ	Kazeroun	0.81 60 ePn	Pg	19 16 21.9	+0.9
IPAR	Pars	1.81 75 ePn	Sb	19 16 01.9	-0.9
IPAR	Pars	1.81 75 ePn	Sb	19 16 54.0	
IPAR	Pars	1.81 75 ePn	Pn	19 16 20.9	+2.2
IPAR	Pars	1.81 75 ePn	Sb	19 16 21.9	+0.9
GHIR	Ghir-Karziz	2.02 122 ePn	AML	19 16 23.1	+1.6
GHIR	Ghir-Karziz	2.02 122 ePn	AML	19 16 23.1	+1.6
GHIR	Ghir-Karziz	2.02 122 ePn	AML	19 16 23.1	+1.6
IPIR	Pirpir	3.30 358 ePn	Pn	19 16 39.7	+0.5
IPIR	Pirpir	3.30 358 ePn	Sb	19 17 19.1	+0.4
IPIR	Pirpir	3.30 358 ePn	Sb	19 17 22.3	

IPIR	Pirpir	3.30 358 ePn	Pn	19 16 39.7 +0.5
IPIR	Pirpir	3.30 358 ePn	Sb	19 17 19.1 +0.4
IPIR	Pirpir	3.30 358 ePn	Sb	19 16 39.6 +0.5
SHGR	Shooshtar-Gavs	3.34 325 ePn	Sb	19 17 26.6 -0.5
ISAD	Sadrasabad	3.41 41 ePn	Sb	19 16 43.1 +2.5
ISAD	Sadrasabad	3.41 41 ePn	Sb	19 17 20.8 -0.5
ISAD	Sadrasabad	3.41 41 ePn	Sb	19 16 47.1 +2.8
ISAD	Sadrasabad	3.41 41 ePn	Sb	19 17 48.8
ISAD	Sadrasabad	3.41 41 ePn	Sb	19 16 43.1 +2.5
ISAD				

6d 20h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like ABKAR, AKTO, EKS2, etc.

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

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

IGQ 06

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

MAN 06

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

IGQ 06

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

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like 332A Millersview, 234A Clairette, 331A San Angelo, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like T26A Comanche Natio, P35A Duane Minner, T25A Trinidad, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like NVS, ZAAO Zalesovo Array, ZALV Zalesovo Beam, etc.

ISCJB 06 21:22:21.3, 0.3, 67.18N, 0.02, 20.78E, 0.07, h0km, Error ellipse: s-maj=4.0km s-min=2.5km az=20.5, IDC 06 21:22:22.9, 0.8, 67.13N, 20.98E, h0km, mb1 3.2/5, mb1mx3.0/56, mb1mp3.2/5, ML2.7/5, Error ellipse: s-maj=13.3km s-min=6.9km az=108.0, NAO 06 21:22:22.0, 0.9, 67.12N, 21.09E, ML2.4, UPP 06 21:22:22.0, 0.7, 19N, 20.62E, h0km, ML2.4, Mining explosion, CSEM 06 21:22:22.7, 0.2, 67.19N, 20.78E, h2km, ML2.1, Error ellipse: s-maj=4.5km s-min=3.2km az=108.0, Mining explosion, HEL 06 21:22:23.0, 0.7, 20N, 20.73E, h0km, ML2.1, Explosion BER 06 21:22:24.5, 4.0, 67.10N, 21.06E, h0km, ML2.0, ML2.4(NAO), Suspected explosion, ISC 06 21:22:21.3, 0.7, 67.14N, 0.02, 20.68E, 0.02, h0km, n81, 6132/127, Sweden

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like MASU Masugnsby, MASU Masugnsby, MASU Masugnsby, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like Talca, San Pedro, Los Niches, etc.

NNC 06 21:49:53.8-0.6,45:24N*79:76E,h0km,mb3.8,mpv3.4, 8C-4D, Error ellipse: s-maj=8.5km s-min=3.9km az=117.0, Eastern Kazakhstan

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

DDA 06 21:46:43.7,39:51'N,26:18'E,h7km,MD3.0 ISK 06 21:46:44.5,39:54'N,26:10'E,h7km,MD2.8

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

DDA 06 21:46:43.7,39:51'N,26:18'E,h7km,MD3.0 ISK 06 21:46:44.5,39:54'N,26:10'E,h7km,MD2.8

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

ATH 06 21:49:36.1,39:52'N,26:13'E,h22km,1km,MD2.6/6 ISC 06 21:49:36.4,0.9,39:53'N,0:02:26:14E,0:02,h16km,7km, n41,0:43/69,Turkey

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

IDC 06 21:50:39.4±2.5,28:88S*138:99E,h0km,mb1 2.8/3, mb1mx2.8/16,mbtmp6.2/3,ML2.3/4, Error ellipse: s-maj=147.2km s-min=24.2km az=54.0, South Australia

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

IDC 06 21:52:45.7±1.7,6:47S,129:14E,h0km,mb3.2/1, mb1 3.5/4,mb1mx3.3/21,mbtmp3.4/4,ML3.2/3, Error ellipse: s-maj=63.9km s-min=28.8km az=79.0

AUST 06 21:52:48.1±6.0,5:95S,132:44E,h450km,2km, Error ellipse: s-maj=4.5km s-min=1.6km az=275.0

ISC 06 21:52:47.4±1.3,6:55S,0:1:129.5E,0:3,h10km,n9,0:162/6, Banda Sea

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

DDA 06 22:12:50.0,38:26'N,30:79'E,h7km,MD2.8 ISK 06 22:12:50.3±0.7,38:25'N,0:03:30:79E,0:05,h6km,6km, Error ellipse: s-maj=7.0km s-min=5.3km az=28.4

ISC 06 22:12:50.0,0.2,38:26'N,30:79'E,h5km,MD3.0, Error ellipse: s-maj=6.8km s-min=2.8km az=152.0

ISC 06 22:12:50.2±1.2,38:27'N,0:04:30:77E,0:03,h6km,11km, n13,0:80/24,Turkey

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

GUC 06 21:24:41.7±0.7,34:59'S,72:94'W,h38km,2km,ML3.8, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like Hualaeo, U65B, etc.

DDA 06 21:49:35.6,39:50'N,26:16'E,h7km,MD3.0 ISK 06 21:49:36.1±0.5,39:52'N,0:02:26:11E,0:04,h7km,4km, Error ellipse: s-maj=4.8km s-min=2.9km az=172.8

ISC 06 21:49:36.1,39:55'N,26:15'E,h7km,MD2.6 CSEM 06 21:49:36.4±0.1,39:54'N,26:12'E,h10km,MD2.6, Error ellipse: s-maj=2.8km s-min=1.8km az=89.0

7d 2h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like OKSO, OKWR, OKKE, 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 KAPI, WARR, ASAR, 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 TORD, DBIC, SAML, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KRKC Kraliky, KRUC Moravsky, and KRUC DPC.

IDC 07 02:56:01.5:1.4, 7.18S:151.33E, h0km, mb3.9/4, mb1 4.1/5, mb1mx3.7/27, mbtmp3.9/5, ML 2.1/1, Error ellipse: s-maj=67.0km s-min=23.8km az=126.0, ISC/B 07 02:56:06.3:1.4, 7.25S:151.1E:0.2, h40km, mb3.8/3, Error ellipse: s-maj=44.2km s-min=14.2km az=147.3, ISC 07 02:56:07.8:1.4, 7.25S:151.2E:0.2, h40km, n6, c19177, mb3.9/3, New Britain region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, and TORD Torodi Ar. Bea.

IDC 07 03:32:35.6:3.5, 5.95S:150.87E, h0km, Error ellipse: mb1 3.5/2, mb1mx3.2/32, mbtmp3.3/2, Error ellipse: s-maj=140.4km s-min=46.1km az=119.0, New Britain region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, and TORD Torodi Ar. Bea.

ISK 07 03:33:01.7, 36.47N:28.07E, h28km, MD2.7, CSEM 07 03:33:02.6:0.5, 36.53N:28.14E, h48km, 9km, MD2.9, Error ellipse: s-maj=15.2km s-min=6.1km az=25.0, DDA 07 03:33:03.9, 37.01N:28.75E, h7km, MD2.9, ISC 07 03:33:02.1:1.5, 36.50N:0.07:28.13E:0.04, h29km, n11km, n18, c097/34, Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like DALY Dalyan (Mu'la), TURN Turunc, YER Yerkesik, BODT Bodrum, AYDN Tasoluk, AKAS Kas, GOLH Golhisar, ELL Elmalı, and AYDB Zeytinokuy-Aydi.

IDC 07 03:34:09.3:1.0, 27.94N:54.66E, h0km, mb3.9/15, mb1 4.0/16, mb1mx3.9/31, mbtmp3.9/16, ML2.7/1, MS2.6/3, Ms1 2.0/3, ms1mx2.3/38, Error ellipse: s-maj=22.5km s-min=17.6km az=149.0, CSEM 07 03:34:10.8:0.5, 27.79N:54.65E, h10km, ML3.7, Error ellipse: s-maj=17.3km s-min=6.6km az=31.0, ISC/B 07 03:34:11.0:1.0, 27.85N:0.06:54.60E:0.06, h26km, mb3.9/15, MS2.8/1, Error ellipse: s-maj=10.5km s-min=5.6km az=35.9, THR 07 03:34:12.9:0.7, 28.03N:54.76E, h18km, 6km, ML3.5, TEH 07 03:34:12.5, 27.87N:54.76E, h10km, ML3.7, ISC 07 03:34:12.9:0.7, 27.87N:0.07:54.71E:0.04, h26km, n55, c1505/57, mb3.8/15, Southern Iran

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BNDS Bandar-Abbas, BNSD Bandar-Abbas, BNSD comp=E.616nm,0.5s, BNSD comp=N.545nm,0.3s, BNSD Bandar-Abbas comp=N.545nm,0.3s, GENO Genoa, GHIR Ghir-Karzin, and GHIR comp=N.831nm,0.5s.

Table with columns: IBND, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Bandar-abas, KUR Kuril'sk, KUR Severo-Kuril'sk, YUK Yuzh-Kuril'sk, YUK comp=Z.48nm,0.3s, YUK comp=N.18nm,0.1s, YUK comp=E.18nm,0.3s, YUK comp=E.20nm,0.4s, YUK comp=E.18nm,0.4s, YUK comp=E.50nm,0.4s, YUK comp=E.80nm,0.3s, NEM Nemuro 2, JRM Rausu, JNK Nakash, JAK Akheshi, JTKR Abashiri-Toko, YSS Yuzh-Sakhalins, YSS comp=Z.20nm,0.6s, YSS Yuzh-Sakhalins, YSS comp=Z.20nm,0.6s, JAR Maruseppu, JAR Ashorobuto, JAR Ashikawa, PETK Petropavlovsk, PETK comp=Z.1.0nm,0.3s, HRK Kamakawa 2, JKK Kamakawa 2, JKA Kamakawa-asahi, ASA Asahikawa, ASA Asahikawa, JCH Churui, MCH Moyori, ERM Erimo, ERM Erimo, JNB Motobetsu, JKB Kayabe, JYM Yakumo 2, JANG Nango, JMS Matsushiro Arr, JOSM Okushiri-Mats, JRG Rokugo, HBR Khabarovsk, HBR comp=Z.17nm,2.0s, MJA Matsu Arr-Ojiso, MJA comp=Z.1.0nm,0.3s, MJAR Matsushiro Arr, MJAR Matsushiro Arr, MJAR comp=Z.1.0nm,0.3s, USRK Ussuriysk Arr, SEY Seymchan, SEY Seymchan, CN2 Chanchun, KRSR Korea Arr, KRSR comp=Z.1.9nm,0.7s, bazz=60, slow=3, ISC/B 07 03:38:24.2:2.90, 0.5488N:82.01E, h0km, Error ellipse: s-maj=105.4km s-min=41.6km az=119.0, Southwestern Siberia, I46RU ZALESOVO INFRA, I31KZ AKTYUBINSK INF, I43RU DUBNA INFRA, IDC 07 03:51:51.9:2.6, 101.19S:169.31E, h0km, mb3.9/4, mb1 4.1/4, mb1mx3.7/38, mbtmp3.9/4, MS3.3/1, Ms1 3.3/1, ms1mx2.6/16, Error ellipse: s-maj=123.8km s-min=30.7km az=133.0, Santa Cruz Islands region, PMG Port Moresby, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, INK Inuvik, ZALV Zalesovo Beam, MKAR Makanchi Array, NIED 07 03:55:00.46:80N:152.90E, h5km, Mw3.9 Best double couple: M1:390000:1014 N1P1:3211:00000:824.00000:1.42.00000: N2P2:337.00000:875.00000:1.71.00000: JMA 07 03:55:57.2:0.8, 46.82N:152.91E, h30km, M4.4, MOS 07 03:56:01.2:1.1, 46.84N:152.58E, h84km, mb4.3/6, Error ellipse: s-maj=12.8km s-min=9.2km az=62.7, ISC/B 07 03:56:01.9:0.5, 46.65N:0.07:152.58E:0.0, h100km, mb3.8/19, Error ellipse: s-maj=11.6km s-min=4.2km az=146.2, SKHL 07 03:56:01.4:0.6, 46.59N:152.75E, h90km, 8km, mb4.7/3, mb3.5/2, IDC 07 03:56:03.9:2.5, 46.85N:152.72E, h94km, 22km, mb3.6/18, mb1 3.7/21, mb1mx3.6/62, mbtmp3.9/21, MS3.1/4, Ms1 3.1/4, ms1mx2.7/26, Error ellipse: s-maj=18.2km s-min=12.7km az=140.0, ISC 07 03:56:02.8:0.7, 46.47N:109.152:69E:0.07, h100km, n93, c1549/79, mb3.8/19, 1C-4D, Kuril Islands

IDC 07 03:38:24.2:2.90, 0.5488N:82.01E, h0km, Error ellipse: s-maj=105.4km s-min=41.6km az=119.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like I46RU ZALESOVO INFRA, I31KZ AKTYUBINSK INF, and I43RU DUBNA INFRA.

IDC 07 03:51:51.9:2.6, 101.19S:169.31E, h0km, mb3.9/4, mb1 4.1/4, mb1mx3.7/38, mbtmp3.9/4, MS3.3/1, Ms1 3.3/1, ms1mx2.6/16, Error ellipse: s-maj=123.8km s-min=30.7km az=133.0, Santa Cruz Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, and ILAR Eielson Array.

NIED 07 03:55:00.46:80N:152.90E, h5km, Mw3.9 Best double couple: M1:390000:1014 N1P1:3211:00000:824.00000:1.42.00000: N2P2:337.00000:875.00000:1.71.00000: JMA 07 03:55:57.2:0.8, 46.82N:152.91E, h30km, M4.4, MOS 07 03:56:01.2:1.1, 46.84N:152.58E, h84km, mb4.3/6, Error ellipse: s-maj=12.8km s-min=9.2km az=62.7, ISC/B 07 03:56:01.9:0.5, 46.65N:0.07:152.58E:0.0, h100km, mb3.8/19, Error ellipse: s-maj=11.6km s-min=4.2km az=146.2, SKHL 07 03:56:01.4:0.6, 46.59N:152.75E, h90km, 8km, mb4.7/3, mb3.5/2, IDC 07 03:56:03.9:2.5, 46.85N:152.72E, h94km, 22km, mb3.6/18, mb1 3.7/21, mb1mx3.6/62, mbtmp3.9/21, MS3.1/4, Ms1 3.1/4, ms1mx2.7/26, Error ellipse: s-maj=18.2km s-min=12.7km az=140.0, ISC 07 03:56:02.8:0.7, 46.47N:109.152:69E:0.07, h100km, n93, c1549/79, mb3.8/19, 1C-4D, Kuril Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KUR Kuril'sk, KUR Severo-Kuril'sk, KUR Severo-Kuril'sk, YUK Yuzh-Kuril'sk, YUK comp=Z.48nm,0.3s, YUK comp=N.18nm,0.1s, YUK comp=E.18nm,0.3s, YUK comp=E.20nm,0.4s, YUK comp=E.18nm,0.4s, YUK comp=E.50nm,0.4s, YUK comp=E.80nm,0.3s, NEM Nemuro 2, JRM Rausu, JNK Nakash, JAK Akheshi, JTKR Abashiri-Toko, YSS Yuzh-Sakhalins, YSS comp=Z.20nm,0.6s, YSS Yuzh-Sakhalins, YSS comp=Z.20nm,0.6s, JAR Maruseppu, JAR Ashorobuto, JAR Ashikawa, PETK Petropavlovsk, PETK comp=Z.1.0nm,0.3s, HRK Kamakawa 2, JKK Kamakawa 2, JKA Kamakawa-asahi, ASA Asahikawa, ASA Asahikawa, JCH Churui, MCH Moyori, ERM Erimo, ERM Erimo, JNB Motobetsu, JKB Kayabe, JYM Yakumo 2, JANG Nango, JMS Matsushiro Arr, JOSM Okushiri-Mats, JRG Rokugo, HBR Khabarovsk, HBR comp=Z.17nm,2.0s, MJA Matsu Arr-Ojiso, MJA comp=Z.1.0nm,0.3s, MJAR Matsushiro Arr, MJAR Matsushiro Arr, MJAR comp=Z.1.0nm,0.3s, USRK Ussuriysk Arr, SEY Seymchan, SEY Seymchan, CN2 Chanchun, KRSR Korea Arr, KRSR comp=Z.1.9nm,0.7s, bazz=60, slow=3, ISC/B 07 03:38:24.2:2.90, 0.5488N:82.01E, h0km, Error ellipse: s-maj=105.4km s-min=41.6km az=119.0, Southwestern Siberia, I46RU ZALESOVO INFRA, I31KZ AKTYUBINSK INF, I43RU DUBNA INFRA, IDC 07 03:51:51.9:2.6, 101.19S:169.31E, h0km, mb3.9/4, mb1 4.1/4, mb1mx3.7/38, mbtmp3.9/4, MS3.3/1, Ms1 3.3/1, ms1mx2.6/16, Error ellipse: s-maj=123.8km s-min=30.7km az=133.0, Santa Cruz Islands region, PMG Port Moresby, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, INK Inuvik, ZALV Zalesovo Beam, MKAR Makanchi Array, NIED 07 03:55:00.46:80N:152.90E, h5km, Mw3.9 Best double couple: M1:390000:1014 N1P1:3211:00000:824.00000:1.42.00000: N2P2:337.00000:875.00000:1.71.00000: JMA 07 03:55:57.2:0.8, 46.82N:152.91E, h30km, M4.4, MOS 07 03:56:01.2:1.1, 46.84N:152.58E, h84km, mb4.3/6, Error ellipse: s-maj=12.8km s-min=9.2km az=62.7, ISC/B 07 03:56:01.9:0.5, 46.65N:0.07:152.58E:0.0, h100km, mb3.8/19, Error ellipse: s-maj=11.6km s-min=4.2km az=146.2, SKHL 07 03:56:01.4:0.6, 46.59N:152.75E, h90km, 8km, mb4.7/3, mb3.5/2, IDC 07 03:56:03.9:2.5, 46.85N:152.72E, h94km, 22km, mb3.6/18, mb1 3.7/21, mb1mx3.6/62, mbtmp3.9/21, MS3.1/4, Ms1 3.1/4, ms1mx2.7/26, Error ellipse: s-maj=18.2km s-min=12.7km az=140.0, ISC 07 03:56:02.8:0.7, 46.47N:109.152:69E:0.07, h100km, n93, c1549/79, mb3.8/19, 1C-4D, Kuril Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KUR Kuril'sk, KUR Severo-Kuril'sk, YUK Yuzh-Kuril'sk, YUK comp=Z.48nm,0.3s, YUK comp=N.18nm,0.1s, YUK comp=E.18nm,0.3s, YUK comp=E.20nm,0.4s, YUK comp=E.18nm,0.4s, YUK comp=E.50nm,0.4s, YUK comp=E.80nm,0.3s, NEM Nemuro 2, JRM Rausu, JNK Nakash, JAK Akheshi, JTKR Abashiri-Toko, YSS Yuzh-Sakhalins, YSS comp=Z.20nm,0.6s, YSS Yuzh-Sakhalins, YSS comp=Z.20nm,0.6s, JAR Maruseppu, JAR Ashorobuto, JAR Ashikawa, PETK Petropavlovsk, PETK comp=Z.1.0nm,0.3s, HRK Kamakawa 2, JKK Kamakawa 2, JKA Kamakawa-asahi, ASA Asahikawa, ASA Asahikawa, JCH Churui, MCH Moyori, ERM Erimo, ERM Erimo, JNB Motobetsu, JKB Kayabe, JYM Yakumo 2, JANG Nango, JMS Matsushiro Arr, JOSM Okushiri-Mats, JRG Rokugo, HBR Khabarovsk, HBR comp=Z.17nm,2.0s, MJA Matsu Arr-Ojiso, MJA comp=Z.1.0nm,0.3s, MJAR Matsushiro Arr, MJAR Matsushiro Arr, MJAR comp=Z.1.0nm,0.3s, USRK Ussuriysk Arr, SEY Seymchan, SEY Seymchan, CN2 Chanchun, KRSR Korea Arr, KRSR comp=Z.1.9nm,0.7s, bazz=60, slow=3, ISC/B 07 03:38:24.2:2.90, 0.5488N:82.01E, h0km, Error ellipse: s-maj=105.4km s-min=41.6km az=119.0, Southwestern Siberia, I46RU ZALESOVO INFRA, I31KZ AKTYUBINSK INF, I43RU DUBNA INFRA, IDC 07 03:51:51.9:2.6, 101.19S:169.31E, h0km, mb3.9/4, mb1 4.1/4, mb1mx3.7/38, mbtmp3.9/4, MS3.3/1, Ms1 3.3/1, ms1mx2.6/16, Error ellipse: s-maj=123.8km s-min=30.7km az=133.0, Santa Cruz Islands region, PMG Port Moresby, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, INK Inuvik, ZALV Zalesovo Beam, MKAR Makanchi Array, NIED 07 03:55:00.46:80N:152.90E, h5km, Mw3.9 Best double couple: M1:390000:1014 N1P1:3211:00000:824.00000:1.42.00000: N2P2:337.00000:875.00000:1.71.00000: JMA 07 03:55:57.2:0.8, 46.82N:152.91E, h30km, M4.4, MOS 07 03:56:01.2:1.1, 46.84N:152.58E, h84km, mb4.3/6, Error ellipse: s-maj=12.8km s-min=9.2km az=62.7, ISC/B 07 03:56:01.9:0.5, 46.65N:0.07:152.58E:0.0, h100km, mb3.8/19, Error ellipse: s-maj=11.6km s-min=4.2km az=146.2, SKHL 07 03:56:01.4:0.6, 46.59N:152.75E, h90km, 8km, mb4.7/3, mb3.5/2, IDC 07 03:56:03.9:2.5, 46.85N:152.72E, h94km, 22km, mb3.6/18, mb1 3.7/21, mb1mx3.6/62, mbtmp3.9/21, MS3.1/4, Ms1 3.1/4, ms1mx2.7/26, Error ellipse: s-maj=18.2km s-min=12.7km az=140.0, ISC 07 03:56:02.8:0.7, 46.47N:109.152:69E:0.07, h100km, n93, c1549/79, mb3.8/19, 1C-4D, Kuril Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like H1S2 WAKE ISLAND, H1S3 WAKE ISLAND, MJAR Matsushiro, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like UGL Uglehorsk, MAJO Matsushiro, MAJO Matsushiro, etc.

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

NIED 0705:31:00, 42:90N:145:10E, h41km, Mw4.6 Best double
0705:31:00, 42:90N:145:10E, h41km, Mw4.6 Best double
0705:31:00, 42:90N:145:10E, h41km, Mw4.6 Best double

Code Station Name Az Phase ID Time Res
JAK Akkeshi 0.30 301 Op Pn 05 31 33.0 +0.8
JAK Nemuro 2 0.73 44 Op Pn 05 31 37.5 +1.8

Code Station Name Az Phase ID Time Res
BOD Bodaibo 24.55 318 eP Pmax 05 36 38.3 -0.8
BOD Bodaibo 24.55 318 eP Pmax 05 36 38.3 -0.8

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like JAK Akkeshi, NEM2 Nemuro, JNK Nakash, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like UGL Uglehorsk, MAJO Matsushiro, MAJO Matsushiro, etc.

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

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Op	ISC	h	m	s	ISC	Time Res
INX	2.9nm, 0.9s, baz=277, slow=8.1, SNR=6.0										05 45 34.7 +1.0
SEY	Seymchan 22.35 33 P 1.9nm, 0.2s, baz=154, slow=7.7, SNR=7.9										05 45 42.7 -0.5
H1N2	WAKE ISLAND Hy 38.53 221 T baz=24, slow=76, SNR=196										06 29 09.4
H1N3	WAKE ISLAND Hy 38.53 221 T baz=24, slow=76, SNR=134										06 29 17.4
H1N1	WAKE ISLAND Hy 38.55 221 T baz=24, slow=76, SNR=134										06 29 11.5
PDAR	Pinedale Array 39.17 81 P 0.7nm, 1.0s, baz=354, slow=3.0, SNR=3.7										05 48 04.5 +0.4
H1S1	WAKE ISLAND Hy 39.71 220 T baz=24, slow=76, SNR=300										06 30 32.6
H1S2	WAKE ISLAND Hy 39.73 220 T baz=24, slow=76, SNR=300										06 30 32.4
H1S3	WAKE ISLAND Hy 39.73 220 T baz=24, slow=76, SNR=198										06 30 41.8
MJAR	Matsushiro Arr 40.88 269 P 1.8nm, 0.4s, baz=50, slow=7.1, SNR=9.3										05 48 18.0 0.0
KJRS	Korea Array 46.52 278 P 1.1nm, 0.6s, baz=49, slow=7.7, SNR=5.1										05 49 03.8 +0.5
KSRS	Korea Array 46.52 278 P 1.1nm, 0.6s, baz=49, slow=7.7, SNR=5.1										06 06 34.5
KJUR	Noruy Array Be 46.55 278 P 0.7nm, 0.7s, baz=15, slow=7.8, SNR=4.7										05 49 03.8 +0.2
NSU	Nakutsu 47.63 271 P 6.6nm, 0.7s, baz=15, slow=7.8, SNR=4.7										05 49 11.9 -0.2
TXAR	Lajitas Array 51.57 91 P 0.5nm, 0.7s, baz=304, slow=6.3, SNR=7.3										05 49 43.5 +1.2
SOMN	Songino Array 52.08 302 P 0.6nm, 0.8s, baz=21, slow=9.7, SNR=4.0										05 49 45.0 -0.9
SONM	Songino Array 52.08 302 P 0.6nm, 0.8s, baz=21, slow=9.7, SNR=4.0										05 50 57.8 0.0
ARCES	ARCES Array B 57.62 355 P 1.8nm, 0.8s, baz=22, slow=6.7, SNR=4.2										05 50 26.0 +0.6
ARCES	ARCES Array B 57.62 355 P 1.8nm, 0.8s, baz=22, slow=6.7, SNR=4.2										05 51 18.1 -0.3
ZALV	Zalesovo Beam 57.93 318 P 1.9nm, 0.6s, baz=52, slow=5.7, SNR=5.1										05 50 26.3 -1.3
ZALV	Zalesovo Beam 57.93 318 P 1.9nm, 0.6s, baz=52, slow=5.7, SNR=5.1										05 51 19.6 -0.2
KURK	Kurchatov 61.37 325 P 0.9nm, 0.5s, baz=48, slow=2.1, SNR=4.2										05 51 00.6 -0.8
KURBS	Kurchatov Arr 62.94 319 P 1.4nm, 0.2s, baz=53, slow=7.2, SNR=7.2										05 51 00.6 -1.5
BVAR	Borovoye Array 64.03 325 P 0.9nm, 0.5s, baz=49, slow=6.8, SNR=6.9										05 51 08.4 -0.9
BVAR	Borovoye Array 64.03 325 P 0.9nm, 0.5s, baz=49, slow=6.8, SNR=6.9										05 51 44.4 -0.1
MKAR	Makanchi Array 64.36 314 P 0.7nm, 0.6s, baz=57, slow=8.8, SNR=7.1										05 51 09.9 -1.6
FINES	FINES Array B 65.61 353 P 2.4nm, 0.8s, baz=28, slow=6.6, SNR=9.0										05 51 17.9 -1.5
NB2	NORSAR Subarra 66.51 1 P comp=Z, 0.6nm, 0.7s, baz=360, slow=6.5										05 51 24.6 -0.7
NOA	NORSAR Array B 66.51 1 P comp=Z, 0.6nm, 0.7s, baz=360, slow=6.5										05 51 24.0 -1.3
AKASG	Malin Array Be 75.92 349 P comp=Z, 3.1nm, 0.5s, baz=11, slow=5.6, SNR=13										05 52 22.0 -1.3
CMAR	Chiang Mai Arr 77.66 284 P comp=Z, 0.9nm, 0.3s, baz=22, slow=6.6, SNR=7.0										05 52 32.6 -0.1
GERES	GERESS Array B 78.73 359 P comp=Z, 0.3nm, 0.3s, baz=15, slow=5.5, SNR=6.3										05 52 38.0 -0.3
KBZ	Khabaz 80.37 338 P comp=Z, 1.8nm, 0.6s, baz=148, slow=1.4, SNR=6.0										05 52 48.0 +1.0
GEYT	Alibek 81.37 325 P comp=Z, 3.6nm, 0.7s, baz=335, slow=6.4, SNR=3.4										05 52 52.6 0.0
BRTR	Keskin Array B 86.06 344 P comp=Z, 4.1nm, 0.8s, baz=56, slow=3.1, SNR=19										05 53 17.0 +0.3
ESDC	Somseca Array 86.80 13 P comp=Z, 0.6nm, 0.5s, baz=10, slow=5.3, SNR=3.2										05 53 20.2 -0.1
ASAR	Alice Springs 91.57 232 P comp=Z, 0.2nm, 0.8s, baz=40, slow=4.9, SNR=4.8										05 53 42.3 -0.5
MAW	Mawson 151.94 219 PKPbc comp=Z, 2.3nm, 0.8s, baz=187, slow=2.1, SNR=4.8										06 00 29.4 0.0

IDC 07 05:45:11.3:2.8, 22.2075:179.51W, h0km, mb3.9/3, mb1 4.3/3, mb1mx3.7/26, mbtmp3.9/3, Error ellipse: s-maj=210.3km s-min=33.9km az=161.0, South of Fiji Islands

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Op	ISC	h	m	s	ISC	Time Res
ASAR	Alice Springs 42.81 259 P 1.0nm, 0.5s, baz=99, slow=6.9, SNR=13										05 53 11.2 -0.1
WRA	Warramunga Arr 43.02 264 P 2.0nm, 0.4s, baz=102, slow=6.2, SNR=155										05 53 13.4 +0.4
TXAR	Lajitas Array 51.57 91 P 0.5nm, 0.7s, baz=304, slow=6.3, SNR=7.3										05 58 09.8 +0.9
BRTR	Keskin Array B 146.81 310 PKPbc 0.8nm, 0.7s, baz=88, slow=4.5, SNR=4.1										06 04 53.1 -0.9

WEL 07 05:58:25.0:4.0, 36.845:179.02W, h33km, ML3.8/6, Error ellipse: s-maj=5.1km s-min=4.1km az=0.0, East of North Island

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Op	ISC	h	m	s	ISC	Time Res
MXZ	Matakaoa Point 2.25 250 Op 05 58 59.2 -1.0										
MXZ	Matakaoa Point 2.25 250 Op 05 58 59.2 -1.0										
MXZ	Matakaoa Point 2.25 250 Op 05 59 25.5 -1.4										
MXZ	Matakaoa Point 2.25 250 Op 05 59 33.6										
WMGZ	Waioamatatini S 2.27 244 Pn 05 59 58.2										
WMGZ	Waioamatatini S 2.27 244 Pn 05 59 58.2										
PUZ	Puketitii 2.49 239 Pn 05 59 02.8 -0.8										
PUZ	Puketitii 2.49 239 Pn 05 59 02.8 -0.8										
HAZ	Te Kaha 2.71 249 Pn 05 59 51.1 -1.8										
CNGZ	Carnagh Station 3.75 232 Pn 05 59 07.2 +0.2										
RIGZ	Rimuhua 2.16 233 Pn 05 59 12.5 -0.3										
URZ	Urewera 3.39 244 ePn 05 59 15.5 -0.4										
URZ	Urewera 3.39 244 ePn 05 59 15.5 -0.4										
KNZ	Kokohu 3.40 229 AML 05 59 15.5 -0.6										
ARHZ	Aroapanui 3.97 231 Pn 05 59 23.5 -0.4										
MCHZ	McNeill Hill 4.26 231 ePn 05 59 25.7 -2.3										
KWHZ	Kaweka Forest 4.42 233 ePn 05 59 29.0 -1.2										
BHHZ	Black Hill Sta 4.69 234 Pn 05 59 32.7 -1.2										
OTVZ	Oturere 4.80 239 AML 05 59 43.1										
TSZ	Takapari Road 5.09 229 AML 06 00 34.8										
BFZ	Birch Farm 5.33 222 ePn 05 59 40.1 -2.5										
MRZ	Mangatainoka R 5.69 226 Pn 05 59 44.9 -2.6										

GUC 07 05:58:47.0:7.36774S:73.39W, h25km, 8km, ML3.9, 1C-3D, Near coast of central Chile

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Op	ISC	h	m	s	ISC	Time Res
U14B	Concepcion 0.28 115/1P 05 58 54.6 +0.5										
U14B	Concepcion 0.28 115/1P 05 58 54.6 +0.5										
U14B	Concepcion 0.28 115/1P 05 59 01.7										
COCH	Coquecura 0.78 39/1P 05 59 02.3 +0.1										
COCH	Coquecura 0.78 39/1P 05 59 13.9 +0.3										
LNCH	Linare 1.70 59/1P 05 59 17.3 -0.7										
LNCH	Linare 1.70 59/1P 05 59 40.1 +1.2										
TALC	Talca 1.95 47/1P 05 59 20.3 +1.4										
TALC	Talca 1.95 47/1P 05 59 45.4 -0.8										
U65B	Hualae 2.20 37 AML 05 00 03.8										

GUC 07 06:06:09.5:0.6, 36.787S:73.41W, h31km, 5km, ML3.5, 2D, Near coast of central Chile

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Op	ISC	h	m	s	ISC	Time Res
U14B	Concepcion 0.27 107/1P 06 06 16.8 +0.1										
U14B	Concepcion 0.27 107/1P 06 06 21.5 0.0										
U14B	Concepcion 0.27 107/1P 06 06 25.7 0.0										
COCH	Coquecura 0.81 38/1P 06 06 24.5 -0.3										
COCH	Coquecura 0.81 38/1P 06 06 35.5 -0.3										
U65B	Hualae 2.23 36 eS 06 06 45.4 +1.0										
U65B	Hualae 2.23 36 eS 06 07 13.2 +2.3										
U65B	Hualae 2.23 36 eS 06 07 23.1										

IDC 07 06:32:37.0:3.5, 6.05S:149.84E, h0km, mb3.1/2, mb1 3.5/3, mb1mx3.3/27, mbtmp3.3/3, ML1.8/1, MS3.3/1, Ms1 3.3/1, mb1mx2.6/10, Error ellipse: s-maj=133.8km

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Op	ISC	h	m	s	ISC	Time Res
PMG	Port Moresby 4.26 218 P 3.6nm, 0.3s, baz=27, slow=12.1, SNR=6.9										06 33 44.9 +1.8
PMG	Port Moresby 4.26 218 P 3.6nm, 0.3s, baz=27, slow=12.1, SNR=6.9										06 34 33.3 -0.1
WRA	Warramunga Arr 20.43 226 P 1.2nm, 0.6s, baz=52, slow=11.1, SNR=12										06 37 16.5 +0.4
ASAR	Alice Springs 23.26 220 P 0.1nm, 0.3s, baz=53, slow=7.1, SNR=2.9										06 37 45.5 -1.0
ASAR	Alice Springs 23.26 220 P 0.1nm, 0.3s, baz=53, slow=7.1, SNR=2.9										06 48 02.4
TORD	Torrid Ar. Bea 147.84 285 PKPbc 0.2nm, 0.4s, baz=80, slow=2.0, SNR=5.6										06 52 24.4 -0.7

SKO 07 06:56:29.5, 41.

7d 7h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like ASAR, BBOO, GUMO, FAKI, WRKA, etc.

2010 AUG

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like UBPT, WTK, WHN, PETK, MDJ, etc.

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Table with columns for station code, name, frequency, power, and other technical details. Includes stations like CD2, HIA, SEY, LZH, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GCAM G?zelcamli?, GCAM G?zelcamli?, AYDB Zeytinkoy-Aydi, etc.

ISCJB 07:08:09:54.0:1.5,40.45N:0.06:21.88E:0.07,h4km,12km, Error ellipse: s-maj=12.4km s-min=6.1km az=33.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KZN Kozani, KZN Kozani, FNA Florina, etc.

DDA 07:08:18:25.5:39.11N:27.46E,h7km,MD2.6 CSEM 07:08:18:26.4:0.3,39.03N:27.53E,h2km,MD2.7, Error ellipse: s-maj=7.2km s-min=5.7km az=160.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DURS Dursunbey, DEMI Demirci, DEMI Demirci, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CAPV Capacho, VIGV El Vigia, SOCV Socops, etc.

IDC 07:08:35:53.2:2.6,54.18N:87.18E,h0km,mb1 3.3/3, mb1mx3.1/32,mbtm3.3/3,ML3.0/3,1C-5D, Error ellipse: s-maj=22.0km s-min=15.2km az=57.0, Southwestern Siberia

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KURBB Kurchatov Arra, KURBB Kurchatov Arra, MK31 Makanchi Array, etc.

WEL 07:08:59:50.2:0.4,37.96S:175.95E,h180km,3km,ML3.6/16, 1C, Error ellipse: s-maj=3.8km s-min=3.6km az=90.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, URZ Urewera, BKZ Black Stump Fm, etc.

IDC 07:08:45:36.5:2.2,5.93S:151.16E,h0km,mb3.4/3, mb1 3.8/3,mb1mx3.5/18,mbtm3.5/3, Error ellipse: s-maj=130.5km s-min=30.5km az=126.0, New Britain region

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

ISC 07:08:51:01.4,37.24N:28.21E,h10km,MD2.6 ISCJB 07:08:51:02.0:0.6,37.24N:28.20E:0.05,h0km, Error ellipse: s-maj=7.6km s-min=3.3km az=141.3

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

ISCJB 07:08:58:34.7:0.5,34.71S:0.09:112.1W:0.2,h10km, mb4/37,MS3.8/12, Error ellipse: s-maj=19.2km s-min=11.1km az=158.8

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RPN Rapa Nui, RKT Rikitea, RKT Rikitea, etc.

IDC 07:09:03:13.2:0.8,26.98S:177.13W,h0km,mb3.3/4, mb1 3.7/4,mb1mx3.6/27,mbtm3.3/4,ML4.8/1, Error ellipse: s-maj=32.8km s-min=21.9km az=126.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like OTAV Otavalo, CPUP Villa Florida, CPUP Villa Florida, etc.

IDC 07:09:03:17.6:1.0,26.88S:0.08:177.3W:0.2,h35km,n18, mb3.3/4, Error ellipse: s-maj=25.9km s-min=10.9km az=12.8

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

IDC 07:09:03:18.6:0.8,27.0S:0.1:177.3W:0.2,h35km,n18, c1911/14,mb3.3/4, Kermadec Islands region

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

Table with columns: ALU, baz=276, Snm, 10 51 38.0, etc. Includes rows for Sochi, Sevastopol, and various other stations.

Code Station Name Az AzZ Phase ID Time Res ISC h m s

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s. Includes rows for RAO, WRA, ASAR, NVAR.

JMA 07 11:03:49.6:0.3, 32.2744N:138.00E, h386km, M3.2

ISC/JB 07 11:03:50.2:0.6, 32.724N:138.07E:0.09, h400km, m2.9/3, Error ellipse: s-maj=11.7km, s-min=7.4km

ISC 07 11:03:51.1:1.1, 32.76N:138.01E:0.09, h400km, n26, s156E/28, mb3.1/3, Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s. Includes rows for TTO2, TTO4, TJO1, etc.

ISC/JB 07 11:05:01.8:1.0, 32.01S:0.06:69W:0.08, h119km, 9km, Error ellipse: s-maj=13.4km, s-min=6.5km, az=40.3

SJA 07 11:05:01.9:1.3, 32.01S:69.64W, h115km, 7km, ML3.1, MW3.5

GUC 07 11:05:01.5:0.4, 31.97S:69.77W, h115km, 25km, ML3.4

ISC 07 11:05:02.4:1.6, 32.02S:0.06:69.68W:0.06, h114km, 12km, n21, s05E/34, 2D, Mendoza Province

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

Table with columns: ARCO, Snn, 10 51 38.0, etc. Includes rows for SJA, RTLL, AAGR, etc.

IDC 07 11:07:54.6:1.0, 17.44S:171.95W, h0km, mb4.0/7, mb1 4.3/7, mb1mx4.1/20, mbtmpt4.0/7, MS3.2/3, Ms1 3.2/3, ms1mx2.9/29, Error ellipse: s-maj=51.7km, s-min=21.3km, az=151.0

ISC/JB 07 11:07:55.1:1.3, 17.6S:0.4:171.9W:0.3, h15km, mb4.0/7, MS3.1/2, Error ellipse: s-maj=66.3km, s-min=19.9km, az=147.8

ISC 07 11:07:56.8:1.0, 17.4S:0.3:172.0W:0.2, h15km, n13, s143/10, mb3.9/7, Tonga Islands region

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

JMA 07 11:10:20.1:0.4, 46.45N:142.06E, h8km, 3km, M3.0

SKHL 07 11:10:21.4:1.1, 46.25N:142.13E, h10km, mb3.9/1

ISC 07 11:10:20.7:2.1, 46.40N:142.07E:0.2, h5km, 14km, n6, s150B/11, 1D, Sakhalin Island

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

BUI 07 11:17:52.6:1.2, 52.25N:145.25E, h47km, mb5.0/51, MB4.9/42, MS4.6/50, MS7.4/50

ISC/JB 07 11:17:53.7:1.1, 52.28N:145.14E:0.02, h23km, 7km, mb5.1/183, MS4.3/33, Error ellipse: s-maj=4.6km, s-min=3.7km, az=159.5

MOS 07 11:17:55.6:1.2, 52.28N:144.74E, h41km, mb5.4/47, MS4.4/9, Error ellipse: s-maj=9.2km, s-min=5.4km, az=92.5

NEIC 07 11:17:57.0:0.8, 52.84N:144.84E, h40km, mb5.2/114, Error ellipse: s-maj=4.9km, s-min=3.3km, az=108.0

NEIC Fell at Anderson AFB, Apra Harbor, Barrigada, Hagatga Heights, Mangilao, Menzo, Santa Rita, Talofoto, Tamuning and Vena

IDC 07 11:17:57.6:0.7, 52.84N:144.91E, h47km, 3km, mb4.6/38, mb1 4.6/41, mb1mx4.6/41, mbtmpt4.8/41, MS4.3/29, Ms1 4.3/29, ms1mx4.2/38, Error ellipse: s-maj=13.0km, s-min=7.9km, az=88.0

GCMT 07 11:17:57.0:0.3, 52.69N:144.87E, h34km, 1km, MW5.0/62, Moment Tensor Solution. s31,c36; s62,c90; Duration: 0 Moment tensor: Scale 10^16Nm; Mr-2.64E-18; Mw=2.39E-11; Mw0.25E-12; Mw2.20E-14; Mw-0.04E-12; Mw1.77E-15; Best double couple: Mo3.72900E+10; NPl: s=244.00000; s70.00000; s-106.00000; NP2: s=104.00000; s26.00000; s-33.00000; Principal axes: T 3.3440, Plg23.0000; Azm347.0000; N 0.7710, Plg15.0000; Azm250.0000; P -4.1130, Plg62.0000; Azm130.0000; nstai refers to body waves, cutoff=40s. nstai refers to surface waves, cutoff=50s.

DJA 07 11:17:58.2:0.6, 53.14N:144.5E, h49km, 5km, M5.3/53, mb5.4/53, mb5.7/23, MLV5.4/1, Mw(MB)5.2/23

ISC 07 11:17:58.1:0.3, 53.18N:144.94E:0.05, h49km, 2km, h49km; p-P, n540, s129/580, mb5.1/190, MS4.3/33, 11C-13D, South of Mariana Islands

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

GUMO GUMO 0.73 354 P Pn 11 18 19.9 -0.3

GUMO GUMO 0.73 354 P Pn 11 18 19.9 -0.3

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

Table with columns: SUJI, comp=Z, 1.1um, 18.7s, baz=60, slow=36, LR, LR, 11 29 18.3

SWI Sorong 19.24 226 P Pn 11 22 20.1 +0.3

DAV Davu Ciay (W) 19.91 255 LR LR 11 28 47.1

FAKI Fak Fak 20.11 220 P Pn 11 22 29.8 -0.4

FAKI Fak Fak 20.11 220 eP P 11 22 28.5 +0.5

JHS Hachijo jima 2 20.71 348 P P 11 22 33.7 -0.6

JHW comp=Z, 2.2um, 21.4s, baz=117, slow=34, LR LR 11 29 33.5

JOW Kunigami 20.92 314 P P 11 22 34.9 -1.8

JOW Kunigami 20.92 314 eP P 11 22 36.5 -0.2

TNTI Ternate 21.16 237 eP P 11 22 37.5 -1.8

H11S3 WAKE ISLAND Hy 21.66 72 T T 11 45 33.2

H11S1 WAKE ISLAND Hy 21.66 72 T T 11 45 31.6

H11S2 WAKE ISLAND Hy 21.66 72 T T 11 45 28.6

RCP Roxas 21.73 269 eP P 11 22 48.6 +3.1

LBMI Ternate 21.89 234 P P 11 22 50.2 +3.0

H11N1 WAKE ISLAND Hy 22.13 69 T T 11 45 47.9

H11N2 WAKE ISLAND Hy 22.14 69 T T 11 45 50.1

H11N3 WAKE ISLAND Hy 22.15 69 T T 11 45 50.7

PMG Port Moresby 22.23 174 P P 11 22 48.5 -2.2

PMG Port Moresby 22.23 174 dP Pmax 11 22 49.9 -0.4

PMG Port Moresby 22.23 174 eP P 11 23 01.9 -0.9

PMG Port Moresby 22.23 174 pP P 11 23 01.6 -1.1

JNU Nakatsue 23.92 330 P P 11 23 07.0 -0.6

JNU Nakatsue 23.92 330 Pmax 11 23 05.4

SANI Sanana 23.95 233 P P 11 23 07.1 -0.8

KMSI Kibin 24.09 241 P P 11 23 09.7 +0.4

MJAR Matsushiro Arr 24.35 347 P P 11 23 09.9 -1.6

MJAR Matsushiro 24.35 347 S P 11 23 25.6 +0.8

MAJO Matsushiro 24.35 347 eP Pmax 11 23 11.0 -0.5

MAJO Matsushiro 24.35 347 Pmax 11 23 11.0 -0.5

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like DAWSON INLET T, Dease Lake, DLBC, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like MSO Missoula, TPH Tonopah, TPH Tonopah, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like H17A Grant Village, FLYWY Flagg Ranch, TPASS Teton Pass, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Class, and other parameters. Includes stations like F25A Bowman, I24A Kuemmerle Ranc, D26A Manning, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Class, and other parameters. Includes stations like KIC comp=Z,12nm,0.7s, etc.

ADC 07 11:19:04.6: 0.7, 43:50N: 110:45W, h0km, mb4.0/2, mbl 3.9/9, mb1mx3.734, mb3mx3.719, ML3.2/7, MS2.7/6, MS1 2.7/6, ms1mx2.5/46, Error ellipse: s-maj=10.8km s-min=5.3km az=44.0

NEIC 07 11:19:05.3: 0.3, 43:61N: 110:46W, h5km, MW3.7, Error ellipse: s-maj=4.3km s-min=2.9km az=85.0, Moment Tensor Solution. s19 Moment tensor: Scale 10^14Nm; M= -1.47; Mw=1.92; Mw3.39; Mw-1.77; Mw-1.27; Mw-1.99; Best double couple: M=4.20000x10^14 NP1: phi=130.00000; delta7.00000; lambda=45.00000. Principal axes: T 4.1700, Plg17.0000, Azm83.0000; N 0.0000, Plg43.0000, Azm190.0000; P -4.1700, Plg41.0000, Azm337.0000

NEIC Felt III at Wilson. Also felt at Moose. ISC 07 11:19:04.3: 1.1, 43:61N: 0:02-110:42W: 0:02, h1km, 8km, n153, n1934/199, Wyoming

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Class, and other parameters. Includes stations like LOHW Long Hollow, MOOW Moose Ponds, SNOV Snow King Moun, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Class, and other parameters. Includes stations like J23A Dilts Ranch, J23A, I23A Mesa Ranch, F22A Rosebud, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OGNE Ogallala, OZ7A Beecher Island, SDCO Great Sand Dun, etc.

GUC 07 11:24:06.0, 0.5, 33.42S, 69.95W, h7km, 2km, ML2.9
ISCJB 07 11:24:07.9, 0.5, 33.49S, 0.04, 70.00W, 0.04, h10km, Error

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YECH El Yeso, CLCH Cerro Calan, LACH Col Las Americ, etc.

NNC 07 11:31:07.5, 1.8, 36.92N, 70.78E, h195km, 18km, mb2.5, mpv3.7, Error ellipse: s-maj=18.5km, s-min=9.3km, az=157.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZET Dzerhino, SFK Sufi-Kurgan, KSH Kashi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AAK Ala-Archa, USP Osenpovka, TKM2 Tokmak 2, etc.

CSEM 07 11:42:05.9, 0.8, 38.29N, 38.90E, h10km, MD2.5, Error
ellip: s-maj=30.3km, s-min=16.2km, az=172.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SVRC Sivrice-ELAZID, PTK Pertek, MALT Malatya, etc.

ISCJB 07 11:43:41.4, 0.4, 40.11N, 0.02, 28.10E, 0.02, h4km, 4km, Error ellipse: s-maj=3.5km, s-min=2.9km, az=23.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KCTX Karacabay (Bur), BNT Bandirma, BNT Bandirma, etc.

ISC 07 11:43:41.7, 0.1, 40.11N, 0.02, 28.10E, h5km, MD2.7, Error
ellip: s-maj=1.1km, s-min=1.0km, az=30.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MRMT Marmara Adasi, MDNY Madanya-Bursa, ARMT Armutlu, etc.

ISCJB 07 12:05:33.0, 0.7, 22.7S, 0.1x179.6W, 0.2, h500km, mb3.2/8, Error ellipse: s-maj=19.9km, s-min=1.9km, az=25.0

ISC 07 12:05:33.6, 0.8, 22.7S, 0.1x179.6W, 0.2, h500km, n14, az=74/13, mb3.3/8, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RAO Raoul Island, URZ Urewhera, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NVAR Mina Array Bea, TXAR Lajitas Array, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MNAI Manua, KSI Kapahiang, LHSI Lahat, etc.

BUI 07 12:30:50.4, 2.1, 60S, 67.50W, h122km, Error ellipse: s-maj=2.0km, s-min=1.9km, az=147.0

GUC 07 12:30:52.9, 0.7, 21.28S, 68.78W, h140km, 4km, ML4.9
ISCJB 07 12:30:53.1, 0.3, 21.29S, 0.04, 68.50W, 0.04, h125km, 3km, mb4.2/20, Error ellipse: s-maj=7.4km, s-min=4.9km

NEIC 07 12:30:53.6, 0.7, 21.23S, 68.24W, h118km, 6km, mb4.3/12, Error ellipse: s-maj=9.2km, s-min=6.9km, az=82.0

ISC 07 12:30:53.7, 0.7, 21.30S, 0.04, 68.54W, 0.05, h125km, 6km, n57, s162/75, mb4.2/20, 1D, Chile-Bolivia border region

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

LVC Limon Verde 1.36 195 P S 12 31 20.6 +0.5
LVC I, 10km, 0.3s, baz=15, slow=8.0, SNR=1943 S S 12 31 40.5 +0.3

LVC Limon Verde 1.36 195 P S 12 31 20.6 +0.5
LVC I, 891nm, 18.1s, baz=264, slow=43 LR 12 31 57.6

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

MMNC Minimimi 2.37 335 eP S 12 31 32.0 -0.3
MMNC eP S 12 31 32.3 0.0

YJA Yavi 2.94 108 eP S 12 31 41.1 +1.3
YJA eS S 12 32 17.3 +2.0

AZAP Zapla 4.33 133 eP S 12 31 58.6 +0.6
SLA San Lorenzo 4.41 141 eP S 12 32 04.1 +1.5

ASTB Santa Barbara 4.58 126 eP S 12 32 01.9 +0.7
ASTB eS S 12 32 53.4 -0.3

LPAZ La Paz 5.00 4 eP S 12 32 07.9 +0.7
LPAZ b, 8.9nm, 0.3s, baz=181, slow=4.3, SNR=189 S S 12 32 59.6 -4.7

LPAZ La Paz 5.00 4 eP S 12 32 08.1 +0.8
LPAC Las Campanas 7.93 194 eP S 12 32 42.1 -4.3

CFAA Coronel Fontan 2.17 28 eP S 12 33 13.2 -4.5
CFAA comp=Z, 0.2nm, 0.3s, baz=337, slow=18, SNR=14 S S 12 35 03.5 -7.5

CPUP Villa Florida 11.42 118 P LR 12 33 31.2 -1.8
SAML Samuel 13.32 24 eP S 12 33 54.3 -3.6

TRQA Torquist 17.64 93 eP S 12 34 50.0 0.0
BB16B Bebedouro 18.61 93 eP P 12 34 59.7 -1.8

BDFB Brasilia 20.25 77 P P 12 35 17.3 -2.2
PTGA Pitanga 22.09 23 eP P 12 35 35.9 -3.0

VNA1 Neumayer-Stat 60.36 161 P P 12 40 52.1 +0.2
TXAR Lajitas Array 60.36 325 P P 12 40 52.1 +0.2

SNAA Sanae 62.36 161 P P 12 41 03.6 +0.9
SDCO Great Sand Dun 68.25 329 eP P 12 41 42.5 +1.1

DBIC Dimboko 68.34 73 P P 12 41 41.5 -0.6
GSPA South Pole Qui 68.99 180 eP S 12 41 46.4 +1.6

KNB Kanab 71.47 324 eP P 12 42 03.6 +2.7
SRU San Rafael 71.79 327 eP P 12 42 04.4 +1.6

CCUT Cedar City 72.15 324 eP P 12 42 07.4 +2.4
MSU Marysville 72.21 325 eP P 12 42 07.5 +2.2

NJ2	comp=Z,210nm,15.8s	LE			
NJ2	comp=Z,910nm,16.4s	LZ			
VLA	comp=Z,2um,15.0s				
VLA	Vladivostok	65.16 332f eP	P	13 02 36.0 +0.7	
VLA				13 03 08.3	
VLA				13 04 59.3	
VLA				13 11 16.8 +0.6	
VLA	comp=Z,211nm,1.6s				
QIZ	Qiongzong	65.57 298	P	13 02 38.9 +0.4	
QIZ				13 02 58.4 +1.0	
QIZ				13 03 08.9 +1.7	
QIZ				13 11 18.1 -4.1	
QIZ	comp=Z,10.0nm,1.3s	LZ			
USRK	comp=Z,340nm,19.8s				
USRK	Ussuriysk Ar.	65.95 333	P	13 02 40.8 +0.3	
USRK				13 29 07.4	
PETK	comp=Z,260nm,19.8s,baz=134,slow=34				
PETK	Petrovavlovsk	66.62 354	eP	13 02 53.1 +8.6	
PETK				13 11 41.6 +8.0	
PETK	Petrovavlovsk	66.81 353	LR	13 27 57.4	
MDJ	comp=Z,300nm,20.0s,baz=161,slow=32				
MDJ	Mudanjiang	67.37 331	P	13 02 50.3 +0.8	
MDJ				13 05 21.0 +2.6	
MDJ	comp=Z,11nm,1.3s				
MDJ					
MDJ	comp=Z,110nm,4.9s	PMZ			
MDJ	comp=Z,470nm,17.4s	LN			
MDJ					
MDJ	comp=Z,170nm,13.5s	LZ			
MDJ	comp=Z,550nm,18.2s				
MDJ	Mudanjiang	67.37 331	eP	13 02 50.4 +0.9	
BKNI	Bangkinang	67.52 276	eP	13 02 50.9 -0.2	
DL2	Dalian	67.57 322	eP	13 02 54.8 +4.0	
DL2	comp=Z,31nm,1.1s	PMZ			
DL2	comp=Z,140nm,3.5s	LN			
DL2	comp=Z,300nm,12.8s	LZ			
DL2	comp=Z,230nm,20.6s				
HABR	Khabarovsk	68.12 337	eP	13 02 52.6 -1.5	
HABR				13 03 02.4 -1.3	
HABR				13 03 06.5 -0.9	
HABR				13 03 18.8	
HABR				13 05 22.3	
HABR				13 07 00.8	
HABR				13 11 50.4 -1.4	
HABR				13 12 07.6 -0.1	
HABR				13 12 48.4	
HABR				13 16 13.5 -1.7	
HABR	comp=E,47nm,2.4s				
HABR	comp=N,18nm,1.6s				
HABR	comp=Z,61nm,1.6s				
HABR	comp=Z,159nm,18.0s				
SNY	Shenyang	68.40 326	P	13 03 07.6 +1.2	
SNY				13 12 01.4 +5.9	
SNY				13 12 48.7 +0.6	
SNY				13 16 18.6 -1.3	
SNY	comp=Z,12nm,0.5s				
SNY	comp=Z,130nm,3.5s				
SNY	comp=N,440nm,21.6s				
SNY	comp=E,370nm,24.0s				
IPM	comp=Z,300nm,22.3s				
IPM	Iloh	68.62 280	eP	13 02 58.1 +0.1	
CN2	comp=Z,53nm,1.1s				
CN2	Changchun	68.79 328	eP	13 02 58.9 +0.5	
CN2	comp=Z,10.0nm,1.2s				
CN2	comp=Z,400nm,18.0s				
CN2	comp=Z,400nm,18.0s				
CN2	comp=Z,500nm,20.0s				
SKNT	Sakolnakorn	69.89 294	P	13 03 11.7 +5.9	
KLR	Kul'dur	70.02 336	eP	13 03 02.8 -3.1	
KLR	comp=Z,57nm,1.6s				
PSI	Prapat	70.19 278	P	13 03 07.1 -0.8	
PSI	comp=Z,4.9nm,0.5s,baz=104,slow=3.1,SNR=5.0				
PSI	comp=Z,476nm,19.8s,baz=118,slow=37				
PSI	Prapat	70.19 278	P	13 03 07.2 -0.7	
NKL	Nikolayevsk	70.26 343	eP	13 03 06.0 -1.2	
NKL	comp=Z,70nm,1.2s				
NONG	Nongkai	71.03 295	P	13 03 20.2 +7.5	
GSI	Gunungsitoli	71.11 276	P	13 03 13.4 +0.1	
GSI	Gunungsitoli	71.11 276	eP	13 03 13.0 -0.4	
SRIT	Nakonsritamarn	71.16 284	P	13 03 20.8 +7.2	
SURA	Surathani	71.30 285	P	13 03 21.5 +7.1	
BJI	Beijing	71.58 321	P	13 03 15.6 +0.1	
BJI				13 03 37.8 +3.1	
BJI				13 03 47.0 +1.8	
BJI				13 12 29.8 -2.9	
BJI	comp=Z,10.0nm,1.4s				
BJI	comp=Z,630nm,21.6s				
BJI	comp=Z,400nm,25.9s				
BJI	comp=Z,1um,29.0s				
MIR	Mirnyy	71.75 204f	eP	13 03 28.0 +1.2	
PBKTK	Sadao Pong	72.44 292	P	13 03 27.8 +6.6	
LOEI	Loei	72.50 293	P	13 03 26.8 +5.2	
XAN	Xi'an	73.19 312	P	13 03 25.3 -0.1	
XAN				13 03 45.3 +6.6	
XAN				13 03 53.9 +1.5	
XAN				13 06 07.4 -1.5	
XAN				13 12 42.5 -9.2	
XAN				13 17 26.3 -7.6	
XAN	comp=Z,3.0nm,1.2s				
XAN	comp=Z,21nm,6.9s				
XAN	comp=Z,250nm,20.5s				
XAN	comp=Z,110nm,19.7s				
XAN	comp=Z,180nm,20.5s				
KMI	Kunming	74.07 301	P	13 03 31.8 +0.8	
KMI				13 03 48.4 +2.3	
KMI				13 03 54.2 +1.3	
KMI				13 04 03.0 +1.9	
KMI				13 06 20.6 +3.9	
KMI				13 12 56.8 -0.5	
KMI	comp=Z,12nm,1.3s				
KMI	comp=Z,60nm,4.2s				
KMI	comp=Z,270nm,16.0s				

KMI	comp=Z,220nm,14.7s	LZ			
LAMP	comp=Z,360nm,19.1s				
LAMP	Liangping	74.31 294	P	13 03 40.8 +8.6	
CMAR	Chiang Mai Arr	74.90 294	P	13 03 36.1 +0.5	
CMAR	comp=Z,4.3nm,1.1s				
CMAR	comp=Z,4.4nm,1.0s,baz=104,slow=3.9,SNR=18				
HHC	Hu-ho-hao-tse	74.93 319	eP	13 03 39.4 +3.9	
HHC				13 03 59.5 +1.0	
HHC				13 13 09.2 -1.8	
HHC	comp=Z,20nm,1.2s				
HHC	comp=Z,120nm,4.8s				
HHC	comp=Z,480nm,17.1s				
HHC	comp=Z,650nm,18.2s				
CMMT	Chiang Mai	75.02 294	P	13 03 37.2 +0.8	
CHTO	Chiang Mai	75.02 294	P	13 03 37.2 +0.8	
CHTO	Chiang Mai	75.02 294	eP	13 03 33.5 -2.9	
CHTO	comp=Z,12nm,1.2s				
CHTO	Chiang Mai	75.02 294	eP	13 03 33.5 -2.9	
CMAI	Chiangmai	75.32 295	P	13 03 44.2 +6.0	
BTO	Batout	75.78 318	eP	13 03 41.1 +0.7	
QSPA	South Pole Qui	76.62 180	eP	13 03 43.6 -1.2	
SEY	Seymchan	77.04 353	P	13 03 47.0 +0.1	
SEY	comp=Z,0.9nm,1.0s,baz=168,slow=8.8,SNR=8.1				
SEY	Seymchan	77.04 353j	eP	13 03 47.2 +0.3	
OHAK	Old Harbor	77.37 20	eP	13 03 48.8 0.0	
LZH	Lanzhou	77.83 312	eP	13 03 53.6 +1.5	
LZH				13 14 07.4 +8.0	
LZH	comp=Z,25nm,1.0s				
LZH	comp=Z,150nm,5.1s				
LZH	comp=Z,420nm,14.0s				
LZH	comp=Z,310nm,14.5s				
LZH	comp=Z,530nm,16.6s				
YAK	Yakutsk	80.92 343	eP	13 04 06.1 -2.1	
YAK				13 04 12.1	
YAK				13 07 12.4	
YAK				13 14 09.3 -5.2	
YAK				13 19 30.5 +1.1	
YAK	comp=E,2.0nm,0.8s				
YAK	comp=Z,12nm,1.1s				
YAK	comp=N,7.0nm,1.4s				
YAK	comp=Z,6.0nm,0.5s				
YAK	comp=N,86nm,16.9s				
ULN	Ulaanbaatar	81.39 324	P	13 04 11.8 +0.6	
ULN				13 04 28.4 +7.4	
ULN	comp=Z,11nm,1.0s				
ULN	Ulaanbaatar	81.39 324	eP	13 04 11.4 +0.2	
SOMN	Songino Array	81.75 323	P	13 04 13.3 +0.2	
SOMN	comp=Z,2.5nm,0.9s,baz=160,slow=4.7,SNR=5.6				
SOMN	comp=Z,163nm,19.8s,baz=93,slow=36				
PMR	Palmer	82.08 19	eP	13 04 13.6 -0.7	
PMR	comp=Z,9.0nm,0.8s				
PMR	Palmer	82.08 19	eP	13 04 13.6 -0.7	
GTA	Gaotai	82.14 314	P	13 04 16.4 +1.1	
GTA	comp=Z,10.0nm,1.2s				
GTA	comp=Z,110nm,6.4s				
GTA	comp=Z,310nm,16.6s				
GTA	comp=Z,500nm,19.9s				
GTA	comp=Z,620nm,22.8s				
SML	Sawmill	82.50 19	eP	13 04 15.2 -1.4	
SML	comp=Z,4.0nm,1.1s				
SML	Sawmill	82.50 19	eP	13 04 15.2 -1.4	
DIV	Divide	82.86 21	eP	13 04 17.9 -0.6	
TRF	Thorofare Moun	83.12 18	eP	13 04 20.9 +1.0	
TRF	comp=Z,29nm,1.3s				
TRF	comp=Z,9.5nm,0.9s				
BMRM	Bremner Rise	83.16 21	eP	13 07 28.2 -3.3	
BMRM	comp=Z,26nm,1.1s				
MAW	Mawson	83.31 202	P	13 04 20.4 -0.4	
MAW	comp=Z,9.6nm,1.1s,baz=107,slow=6.5,SNR=5.3				
SHL	Shilling	83.41 298	eP	13 04 23.0 +0.7	
BOD	Bodaibo	83.52 334	eP	13 04 19.4 -2.4	
BOD	comp=Z,573nm,21.4s,baz=75,slow=32				
PKM	Peak Mountain	83.62 52	P	13 04 23.4 +0.2	
PKM	comp=Z,12nm,1.9s				
SMMC	Simmler	83.63 52	P	13 04 23.1 +0.1	
L02D	Cave Junction,	83.67 44	P	13 04 24.6 +1.5	
MCK	McKinley	83.73 18	eP	13 04 21.9 -1.0	
MCK	comp=Z,54nm,1.4s				
MCK	comp=Z,54nm,1.4s				
M02D	Trinity Center	83.81 46	P	13 04 24.2 +0.3	
M02D	Callahan	83.87 45	P	13 04 24.8 +0.5	
YBH	Yreka Blue Hor	84.11 45	P	13 04 26.2 +0.8	
YBH	comp=Z,5.3nm,1.0s,baz=187,slow=7.3,SNR=5.5				
YBH	Yreka Blue Hor	84.11 45	eP	13 04 23.6 -1.8	
YBH	comp=Z,18nm,1.3s				
YBH	Yreka Blue Hor	84.11 45	eP	13 04 23.6 -1.8	
CIS	Catalina Islan	84.19 54	P	13 04 26.5 +0.5	
PAX	Paxson	84.26 20	eP	13 04 25.4 -0.3	
PAX	comp=Z,8.0nm,1.1s				
PAX	comp=Z,7.8nm,1.1s				
HUMO	Hull Mountain	84.29 44	eP	13 04 26.	

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7d 13h

Table of astronomical observations for the 7-day period from 7d 13h to 7d 13h 13m. Columns include station name, time, elevation, and other parameters. Stations listed include Tucson, Wupatki, Hailey, Marysvale, etc.

Table of astronomical observations for the 2010 August period. Columns include station name, time, elevation, and other parameters. Stations listed include Keskin Array B, Ostrava-Krasne, Dobruska-Polom, etc.

Table of astronomical observations for the 2010 August period, focusing on stations in Mexico and South Eastern Siberia. Columns include station name, time, elevation, and other parameters. Stations listed include Acapulco, El Cayaco, Mezcala, etc.

7d 16h

Table of station data for the 7d 16h period, including station names, coordinates, and various parameters like elevation and signal strength.

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Main table of station data for August 2010, listing stations across various regions with their respective coordinates and parameters.

366

Table of station data for the 366 period, including station names, coordinates, and various parameters.

H11S1	WAKE ISLAND Hy 28.79 125 T	T	16 39 46.9
H11S2	WAKE ISLAND Hy 28.80 125 T	T	16 39 41.4
H11S2	WAKE ISLAND Hy 28.81 125 T	T	16 39 48.1
ZALV	Zalesovo Beam 41.84 312 P	P	16 11 10.8 -0.4
KDAK	Kodiak Island 46.15 42 P	P	16 11 46.2 +0.6
KDAK	comp=Z,135nm,19.9s,baz=241,slow=36	LR	16 31 21.4
ILAR	Gleason Array 48.53 33 P	P	16 12 04.7 +0.4
HYT	Haines Juncto 53.37 37 P	P	16 12 40.3 -0.2
INK	Inuvik 53.45 27 P	P	16 12 41.8 +0.8
INK	1.2m,0.5s,baz=252,slow=3.7,SNR=4.5	LR	16 37 28.2
SVE	Sverdlovsk 54.97 318f eP	P	16 12 52.3 0.0
ARU	Arti 56.19 318 P	P	16 13 00.4 -0.5
ARU	Arti 56.19 318 P	P	16 13 01.9 +0.9
WRA	Warramunga Arr 57.89 189 P	P	16 13 13.6 +0.2
ARCES	ARCES Array B 63.50 339 P	P	16 13 51.5 +0.5
ARCES	comp=Z,1.2m,0.8s,baz=46,slow=7.0,SNR=5.3	LR	16 48 07.0
FINES	FINES Array B 68.42 332 P	P	16 14 22.6 -0.2
FINES	comp=Z,5.3m,1.0s,baz=60,slow=7.5,SNR=11	LR	16 46 32.6
DGRG	David-gareji 70.60 308 P	P	16 14 37.7 +1.0
NOA	NORSAR Array B 73.72 337 P	P	16 14 54.7 -0.3
NOA	comp=Z,3.5m,0.9s,baz=38,slow=5.9,SNR=7.1	LR	16 49 49.4
AKASG	Malin Array Be 74.06 322 P	P	16 14 56.5 -0.6
AKASG	comp=Z,2.6m,0.6s,baz=45,slow=6.2,SNR=17	LR	16 48 51.9
KIEV	Kiev 74.07 322 eP	P	16 14 56.3 -0.8
NVAR	Nina Array Bea 74.07 54 P	P	16 14 58.8 +1.1
PDAR	Pinedale Array 76.72 46 P	P	16 15 13.6 +0.8
BURAR	Bucovina Array 78.08 322 eP	P	16 15 20.7 +0.5
TESR	Tescani 78.13 320 eP	P	16 15 21.0 +0.7
CFR	Carcaiu 78.27 319 eP	P	16 15 17.5 -3.6
VRI	Vrincioia 78.53 320 eP	P	16 15 24.2 +1.6
PLOR	Plostina 78.58 320 eP	P	16 15 24.1 +1.2
TIHR	Tigisor 78.61 318 eP	P	16 15 23.5 +0.5
TRPA	Tarpa 79.00 324 eP	P	16 15 26.3 +1.2
MLR	Muntele Rosu 79.19 320 eP	P	16 15 25.9 -0.4
BSEG	Bad Segeberg 79.65 333 eP	P	16 15 29.3 +0.8
VOIR	Ostrava-Krasne 79.68 320 eP	P	16 15 29.5 +0.5
MORC	Moravy Berou 80.05 327 eP	P	16 15 29.7 +0.8
MORC	Moravy Berou 80.05 327 eP	P	16 15 31.7 +0.9
MORC	Moravy Berou 80.05 327 eP	P	16 15 30.8 -0.1
DPC	Dobruska-Polom 80.13 328 eP	P	16 15 31.8 +0.5
UPC	Uvice 80.14 328 eP	P	16 15 31.8 +0.5
KRLC	Kralupy 80.38 325 eP	P	16 15 32.0 +0.3
PSZ	Piszkesteto 80.38 325 eP	P	16 15 32.8 +0.1
BRG	Bergliesshubel 80.70 330 eP	P	16 15 34.0 -0.2
BRG	comp=Z,6.3m,1.1s	LR	
BRG	comp=E,126nm,13.4s	LR	
BRG	comp=Z,1.7m,0.8s,baz=36,slow=5.8,SNR=11	LR	
BRG	Bergliesshubel 80.70 330 eP	P	16 15 34.8 +0.6
PVCC	Panska Ves 80.72 329 eP	P	16 15 42.4 -1.5
CLL	Collim 80.73 330 eP	P	16 15 34.7 +0.3
CLL	comp=Z,9.0nm,1.0s	LR	
CLL	comp=Z,9.0nm,1.0s	LR	
CLL	comp=Z,9.0nm,1.0s	LR	
SIRR	Siria 80.76 323 eP	P	16 15 47.0 -0.4
VRAQ	Vranov 80.81 327 eP	P	16 15 35.7 +1.0
GZR	Gura Zlata 80.84 322 eP	P	16 15 35.5 +0.3
GOPC	GO Pecny, Ondr 81.10 329 eP	P	16 15 37.2 +0.8
PRA	Prague 81.13 329 eP	P	16 15 37.4 +0.9
PRU	Pruhonice 81.14 329 eP	P	16 15 36.8 +0.2
BZS	Buzias 81.25 322 eP	P	16 15 37.8 +0.5
BZS	Clausthal 81.31 332 eP	P	16 15 38.3 +0.8
TANZ	Tannenberghtha 81.65 330 eP	P	16 15 39.8 +0.4
TANZ	comp=Z,10.0nm,1.1s	LR	
NKC	Novy Kostel 81.80 330 eP	P	16 15 40.8 +0.7
IBBN	Ibbsentzen 81.88 334 eP	P	16 15 40.8 +0.4
KHC	Kasperske Hory 82.21 329 eP	P	16 15 42.5 +0.2
KHC	Kasperske Hory 82.21 329 eP	P	16 15 42.0 -0.3
PKSM	Moragy 82.22 324 eP	P	16 15 41.8 -0.6
UBBA	Unterbreizbach 82.27 332 eP	P	16 15 43.8 +1.4
GER3	GERESS Array S 82.38 329 eP	P	16 15 43.6 +0.3
GER3	comp=Z,4.0nm,1.1s	LR	
GERES	GERESS Array B 82.38 329 P	P	16 15 43.2 0.0
GERES	comp=Z,1.4nm,0.7s,baz=46,slow=5.8,SNR=11	LR	
GERES	comp=Z,1.58nm,18.1s,baz=66,slow=5.7	LR	
WETZ	Wetzell 82.48 329 eP	P	16 15 44.6 +0.9
VTS	Vitoshia 82.63 319 eP	P	16 15 45.8 +1.0
GRF	Grafenberg Arr 82.71 330 eP	P	16 15 45.9 +1.0
DIVS	Divarab 83.15 322 eP	P	16 15 47.9 +0.5
TNS	Taunus Mts 83.34 332 eP	P	16 15 48.7 +0.5
RJOB	Jochberg 83.62 328 eP	P	16 15 50.5 +0.8
FUR	Furstenfeldbru 83.91 329 eP	P	16 15 51.7 +0.6
STU	Stuttgart 84.24 331 eP	P	16 15 53.3 +0.6
PPT	Papeete 84.45 117 LR	LR	16 48 44.3
BFO	Black Forest 84.93 331 eP	P	16 15 56.6 +0.3
BFO	comp=Z,11nm,1.1s	LR	
BFO	Black Forest 84.93 331 eP	P	16 15 56.0 -0.3
TXAR	Lajitas Array 89.20 53 P	P	16 16 17.6 +0.2
TXAR	comp=Z,0.5nm,0.5s,baz=297,slow=2.6,SNR=13	LR	
KEST	Keora 94.78 323 LR	LR	16 54 28.0
ESDC	Sonsec Array 96.87 334 LR	LR	17 07 09.7
SIV	San Ignacio 150.15 50 PKPbc	PKPbc	16 23 12.2 -0.4
SIV	comp=Z,1.7nm,0.8s,baz=32,slow=3.1,SNR=4.9	LR	

NEIC 07 16:04:07.0.0.1, 29:48N-128:32E, mb5.3/212, MW5.3(NIED), Error ellipse: s-maj=3.7km s-min=2.5km az=124.0

NEIC Felt on Okinawa. Recorded [1 JMA] on Amami-oshima, Kakeroma-jima, Kikaiga-shima, Tokuno-shima, Uke-jima and Yoron-jima.

GCMT 07 16:04:07.0.0.3, 29:48N-128:32E, h236km, MW5.3/115, Moment Tensor Solution. s104.c192; s115.c227; Duration: 1s7 Moment tensor: Scale 1017Nm; Mw=0.13±0.04; M0=0.10±0.03; M2=0.02±0.04; Mn=1.17±0.03; Mn-0.29±0.03; Mw=0.33±0.04. Best double couple: T1=1.25900x1017, N1=7.50000x1016, P1=3.89000x1017, λ=102.00000°. NP2=340.00000°, δ13.00000°, λ=5.00000°. Principal axes: T 1.1640, Plg43.0000°, Azm177.0000°; N 0.1890, Plg12.0000°, Azm75.0000°; P -1.3540, Plg45.0000°, Azm333.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 07 16:04:05.9.0.2, 29:47N-128:47E, 0.03, h230km, 1km, h230km, pP, n1157, f1932/1331, mb5.2/367, 50C-56D, Northwest of Ryukyu Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h	ISC
JTAA	Takarajima	0.71	116	P	16 04 36.0 -1.2	Pn
JTAA	Takarajima			S	16 05 00.0 -1.7	Pn
JNN	Nakanoshima	1.28	73	P	16 04 39.7 -0.9	Pn
JNN	Nakanoshima			S	16 05 06.4 -1.3	Pn
JAMN	Amaminishikomi	1.37	153	P	16 04 39.5 -1.8	Pn
JAMN	Amaminishikomi			S	16 05 05.7 -3.2	Pn
JAM	Amami Oshima	1.45	136	UP	16 04 40.1 -1.8	Pn
JAM	Amami Oshima			S	16 05 06.9 -3.0	Pn
JTK	Tokunoshima	1.73	166	UP	16 04 42.3 -1.9	Pn
JTK	Tokunoshima			S	16 05 10.4 -3.8	Pn
JZK	Kikaishima	1.75	131	UP	16 04 44.5 -1.8	Pn
JZK	Kikaishima			S	16 05 10.3 -1.4	Pn
JKC	Kuchinoerabu	1.80	56	UP	16 04 44.1 -0.6	Pn
JKC	Kuchinoerabu			S	16 05 13.1 -2.1	Pn
JYAK	Yakushimahirau	1.93	66	P	16 04 44.1 -1.9	Pn
JYAK	Yakushimahirau			S	16 05 14.9 -1.8	Pn
JYAK	Yakushimahirau			S	16 05 54.2 -2.3	Pn
JOKE	Okinoerabu	2.01	178	P	16 05 16.6 -3.8	Pn
JSJ	Shimokoshiki	2.45	26	UP	16 04 51.0 -0.2	Pn
JSJ	Shimokoshiki			S	16 05 26.6 -0.1	Pn
JIH	Iheya	2.46	191	UP	16 04 48.9 -2.4	Pn
JIH	Iheya			S	16 05 22.9 -4.5	Pn
JTN	Tanegashima 3	2.48	61	P	16 04 49.8 -1.6	Pn
JTN	Tanegashima 3			S	16 05 23.1 -4.0	Pn
JOW	Kunigami	2.63	184	UP	16 04 50.5 -2.6	Pn
JOW	Kunigami			S	16 05 24.9 -5.3	Pn
JOW	Kunigami			S	16 04 50.6 -2.5	Pn
JSU	Suzuyama	2.66	40	UP	16 05 24.3 -5.8	Pn
JTSR	Tashiro 2	2.71	51	P	16 04 53.4 0.0	Pn
JATR	Aguni-jima	2.76	51	P	16 04 52.9 -1.1	Pn
JATS	Aguni-jima	2.95	188	P	16 04 54.4 -2.4	Pn
JAGN	Aguni-jima	3.01	201	UP	16 04 55.5 -2.4	Pn
JAGN	Aguni-jima			S	16 05 33.5 -5.2	Pn
JNAR	Kushima-Naru	3.17	49	UP	16 04 58.0 -1.0	Pn
JFU	Fukue jima 2	3.19	4	UP	16 05 00.0 +0.8	Pn
JFU	Fukue jima 2			S	16 05 34.4 +0.9	Pn
JTZ	Takazaki	3.31	42	UP	16 05 00.0 -0.6	Pn
JTZ	Takazaki			S	16 05 41.2 -2.6	Pn
JHD	Hondo	3.31	25	UP	16 05 01.5 +0.9	Pn
NGJS	Nagasakinomozu	3.36	20	UP	16 05 01.7 +0.6	Pn
JNTJ	Tanagusuku 2	3.38	191	UP	16 04 59.5 -2.0	Pn
JNTJ	Tanagusuku 2			S	16 05 32.5 -4.2	Pn
JKE	Kume jima 2	3.46	206	UP	16 05 00.0 -2.5	Pn
JIU2	Izumi 2	3.67	33	UP	16 05 05.6 +0.8	Pn
JTNS	Tsuno	3.81	43	UP	16 05 05.0 -1.4	Pn
JUR	Ureshino	3.83	19	UP	16 05 07.8 +1.1	Pn
JTA	Tama	4.02	34	UP	16 05 08.5 +0.9	Pn
JKIT	Kitakata	4.06	38	UP	16 05 08.5 -0.9	Pn
KSSGP	Seogwipo	4.14	336	P	16 05 11.8 +1.4	Pn
KSSGP	Seogwipo			S	16 05 11.9 +1.5	Pn
JNU	Nakatsue	4.19	29	UP	16 05 12.0 +0.9	Pn
JNU	Nakatsue			P	16 05 11.9 +0.9	Pn
JNU	Nakatsue			P	16 05 11.8 +0.7	Pn
JFI	Fifra	4.28	22	UP	16 05 10.9 +0.5	Pn
KSJJU	Jeju	4.28	338	P	16 05 13.2 +1.1	Pn
KSJJU	Jeju			P	16 05 13.3 +1.2	Pn
KSGS	Gosan	4.30	333	P	16 05 13.8 +1.5	Pn
JMZ	Minamidaito 2	4.38	145	UP	16 05 12.2 -1.2	Pn
JJI	Iki	4.45	14	UP	16 05 15.3 +1.2	Pn
JUS	Usuki	4.56	37	P	16 05 13.7 -1.8	Pn
JJEP	Bepuyamama	4.60	32	UP	16 05 15.5 -0.5	Pn
JFA	Kaikai	4.67	25	UP	16 05 18.1 +1.2	Pn
JKI	Kunimi	4.92	32	UP	16 05 19.1 -0.9	Pn
JTU	Tsushima	5.11	9	UP	16 05 23.3 +1.1	Pn
KSWAN	Wando	5.13	343	P	16 05 23.8 +1.2	Pn
KSWAN	Wando			P	16 05 23.8 +1.2	Pn
KSKOH	Goheung	5.23	349	P	16 05 24.6 +0.8	Pn
JTY	Toya	5.27	24	UP	16 05 25.2 +0.9	Pn
KSDJO	Jindo	5.31	340	P	16 05 26.4 +1.5	Pn
KSDJO	Jindo			P	16 05 26.4 +1.5	Pn
KSNH	Namhae	5.36	355	P	16 05 26.2 +0.8	Pn
KSTOV	TONGYEOUNG	5.36	360	P	16 05 26.2 +0.8	Pn
KSBUS	Busan	5.79	5	P	16 05 32.2 +1.4	Pn
KSBUS	Busan			P	16 05 32.2 +1.4	Pn
KSHUK	Heuksando	5.80	335	P	16 05 33.2 +2.3	Pn
KSHUK	Heuksando			P	16 05 33.6 +2.7	Pn
SKKWJ	Gwangju	5.81	348	P	16 05 32.0 +0.8	Pn
SKKWJ	Gwangju			P	16 05 32.0 +0.8	Pn
SKGWJ	Gwangju-acc	5.85	347	P	16 05 32.5 +1.0	Pn
SKGWJ	Gwangju-acc			P	16 05 32.5 +1.0	Pn
KSJEU	Jeongeup	6.15	348	P	16 05 36.3 +0.9	Pn
KSDA	Daegu	6.29	3	P	16 05 38.3 +1.1	Pn
SSE	Sheshan	6.51	286	P	16 05 40.5 +0.5	Pn
KSJEU	Jeonju	6.53	352	P	16 05 41.4 +1.2	Pn
KSGUS	GUNSAN	6.71	348	P	16 05 43.7 +1.3	Pn
KSCPR	CHUPUNGYEONG	6.75	357	P	16 05 44.3 +1.3	Pn
KSPHA	Pohang	6.75	6	P	16 05 44.4 +1.4	Pn
KSEUS	ULSEONG	6.87	1	P	16 05 46.1 +1.6	Pn
KSSAU	Sangju	6.93	358	P	16 05 46.3 +1.0	Pn
KSTED	Daejeon	6.95	353	P	16 05 46.9 +1.4	Pn
TJN	Taejon	6.96	353	UP	16 05 46.0 +0.4	Pn
YOJ	Yonaguni jima	6.97	226	eS	16 05 43.2 -2.8	Pn
YOJ	Yonaguni jima			S	16 05 58.9 -7.0	Pn
YOJ	Yonaguni jima			eS	16 05 43.2 -2.8	Pn
YOJ	Yonaguni jima			eP	16 05 58.9 -7.0	Pn
KSBON	Bouen	7.04	356	P	16 05 48.3 +1.6	Pn
KSKOJ	Gongju	7.07	351	P	16 05 48.3 +1.1	Pn
KSULU	Ulsjin	7.26	6	P	16 05 51.1 +1.6	Pn
JWZ	Wonsan	7.39	55	P	16 05 49.6 -1.7	Pn
KSCJA	Chungju	7.40	3			

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PSI, KCSI, KMMI, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TKM2, KZAR, NDI, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CAST, PPLA, OHAK, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like MCD, CABS, BUG, MVH, MME1, BSMT, etc.

2010 AUG

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like GMM, NVAR, QLMC, MLAC, etc.

7d 16h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like H21A, TCUT, DECC, G25A, etc.

LWI	131nm,0.7s,2um,0.9nm	Luwuk	7.55 187	P	P	16 12 55.1 +1.7
LWI	baz=7.6,SNR=10	Luwuk	7.55 187	eP	P	16 12 53.6 +0.3
LWI		Luwuk	7.55 187	eS	P	16 14 28.1 +0.5
APSI		Ampana	7.65 196	P	S	16 12 56.4 +2.2
GTG		Tagaytay City	8.03 340	P	P	16 12 58.0 +0.2
LBM	64nm,0.3s,baz=183,slow=2.1,SNR=9.2	Labuha	8.04 152	P	P	16 12 59.2 +1.3
LBM		Labuha	8.04 152	eP	P	16 14 36.9 +0.9
SANI		Sanana	8.79 165	P	S	16 13 07.7 +2.6
SANI	126nm,0.7s,3um			S	S	16 14 06.6 -2.6
TTSI	126nm,0.7s,3um	Tana Toraja	10.25 202	P	P	16 13 21.7 +2.3
NLAI	50nm,1.1s	Namlea	10.25 161	P	P	16 13 21.7 +2.2
SWI	101nm,0.7s,880nm	Sorong	10.50 134	P	P	16 13 23.9 +1.9
SWI	baz=11,SNR=3.8	Sorong	10.51 134	P	P	16 13 22.1 +0.1
PALU	2.9nm,0.3s,baz=312,slow=1.1,SNR=14	Palau	10.72 85	P	P	16 13 25.3 +1.2
BTM	baz=11,SNR=3.6	Bintulu	11.09 253	P	P	16 13 29.0 +1.2
SPSI		Sidrap Palu	11.12 201	P	P	16 13 29.1 +1.0
SBUM	36nm,0.8s	Sibak Fak	12.14 251	eP	P	16 13 39.2 +0.8
FAKI		Fak Fak	12.66 137	P	P	16 13 44.7 +1.1
FAKI		Fak Fak	12.66 137	P	P	16 13 44.5 +0.9
FAM	baz=13,SNR=30	Fak Fak	12.66 137	eP	P	16 13 44.2 +0.6
KSM		Kuching	14.27 250	P	P	16 14 00.1 +0.3
BAKI	baz=14,SNR=9.8	Blak	14.27 250	eP	P	16 13 58.6 -1.1
MMRI	1.29nm,0.7s,1um	Maumere	15.11 186	P	P	16 14 03.2 +1.8
MMRI	108nm,1.0s	Maumere	15.11 186	eP	P	16 14 08.8 +1.3
SOEI	248nm,1.6s	Soe	16.16 178	P	P	16 14 17.5 +0.3
SOEI		Soe	16.16 178	P	P	16 14 17.3 +0.1
SOEI	baz=16,SNR=16	Soe	16.16 178	eP	P	16 14 17.0 -0.2
BATI	49nm,0.8s	Baumata	16.60 180	P	P	16 14 21.3 +0.1
BATI	168nm,0.6s,1um	Baumata	16.60 180	P	P	16 14 21.2 +0.1
BATI	34nm,0.3s,baz=20,slow=0.8,SNR=50	Ta-pu	16.99 350	eP	P	16 14 24.4 +0.1
SSLB	86nm,0.7s	Suanglung	17.39 352	eP	P	16 14 28.1 +0.1
GENI	24nm,0.5s	Jayapura	18.75 118	P	P	16 14 42.6 +1.9
JAY		Jayapura	19.18 117	P	P	16 14 43.9 -0.9
MYKOM	0.8nm,0.3s,baz=107,slow=6.6,SNR=6.5	Kota Tinggi	20.35 258	eP	P	16 14 55.8 +0.5
MYKOM		Kota Tinggi	20.35 258	eP	P	16 14 52.8 -2.4
MTN	2.1nm,0.8s	Manton Dam	20.59 159	P	P	16 14 57.2 -0.1
KDU	baz=21,SNR=6.2	Kakadu	20.96 155	P	P	16 15 00.2 -0.4
SKNT	baz=21,SNR=6.4	Sakolnako	21.92 300	P	P	16 15 10.0 +0.8
MDSI	38nm,1.1s	Maura Dua	22.35 241	P	P	16 15 13.1 0.0
KNRA		Kunurra	22.60 167	P	P	16 15 15.5 +0.3
KHON	baz=23,SNR=5.8	Khomkaen	22.66 297	P	P	16 15 17.6 +1.7
LWLI	18nm,0.6s	Liwa	22.71 240	P	P	16 15 16.8 +0.3
CHAI	11nm,0.8s	Chaiyaphum	23.25 296	P	P	16 15 21.3 +0.3
PBKT	26nm,0.8s	Sadao Pong	24.40 296	P	P	16 15 32.3 +1.1
LOEI	36nm,1.2s	Loei	24.50 299	P	P	16 15 29.8 -2.3
PHET		Kaeng Krachan	24.56 287	P	P	16 15 34.1 +1.4
PSI	17nm,0.8s	Prapat	24.97 263	P	P	16 15 35.6 -0.9
PSI	14nm,0.6s,baz=80,slow=5.1,SNR=8.4	Prapa	24.97 263	eP	P	16 15 34.9 -1.7
PSI	20nm,0.9s	Prapa	24.97 263	eP	P	16 15 34.9 -1.7
UTHA		Uthaitani	25.44 293	P	P	16 15 42.0 +1.6
NJ2	7.6nm,0.8s	Nanjing	25.82 350	eP	PMZ	16 15 44.5 +1.0
KCSI	50nm,0.9s	Kotacane, Aceh	26.01 265	P	P	16 15 45.1 -0.4
LAMP	46nm,0.8s	Lampang	26.32 299	P	P	16 15 49.9 +1.7
CRAI	8.1nm,0.8s	Chiangrai	26.44 303	P	P	16 15 47.2 -2.0
GSI	18nm,0.7s	Gunungstoli	26.57 260	P	P	16 15 49.8 -0.6
GSI	109nm,1.0s	Gunungstoli	26.57 260	eP	P	16 15 49.0 -1.4
GSI	59nm,0.6s	Gunungstoli	26.57 260	eP	P	16 15 49.0 -1.4
CMAR		Chiang Mai Arr	26.90 298	eP	P	16 15 20.3 -3.9
CMAR	4.5nm,0.7s,baz=111,slow=6.9,SNR=34	Chiang Mai	27.04 299	P	P	16 15 53.9 +0.7
CMMT		Chiang Mai	27.04 299	P	P	16 15 55.0 +0.6
CHTO		Chiang Mai	27.04 299	eP	P	16 15 55.1 +0.7
CHTO	118nm,0.8s	Chiang Mai	27.04 299	eP	P	16 15 54.9 +0.5
KMI	16nm,0.8s	Kunming	27.31 315	P	P	16 15 58.6 +1.6
KMI		Kunming	27.31 315	eP	P	16 18 39.9 -1.5
KMI		Kunming	27.31 315	eP	PMZ	16 19 58.8 +2.8
KMI	9.0nm,1.1s			PMZ		
MBWA	100nm,5s	Marble Bar	27.77 188	eP	P	16 16 00.6 -0.1
COEN	17nm,0.6s	Coen	28.04 137	P	P	16 16 02.9 -0.3
WRAB	baz=28,SNR=6.2	Tennant Creek	28.28 158	eP	P	16 16 04.8 -0.4
WRA	50nm,0.7s	Warramunga Arr	28.28 159	P	P	16 16 05.0 -0.2
GIRL	46nm,0.4s,baz=342,slow=3.1,SNR=24	Giralita	30.41 197	P	ScP	16 21 42.1 -1.4
CD2	1.5nm,0.4s,baz=340,slow=3.3,SNR=16	Chengdu	30.65 325	P	P	16 16 25.0 +1.4
CD2	baz=31,SNR=3.5	Chengdu	30.65 325	eP	P	16 16 24.7 -0.9
CD2		Chengdu	30.65 325	eP	S	16 19 10.2 -1.1
CD2		Chengdu	30.65 325	eP	S	16 20 47.3 +0.1
CD2		Chengdu	30.65 325	eP	SS	16 23 57.6 +1.1
CD2	20nm,0.7s			PMZ		
KSAR	480nm,5.9s	Wonju Arr Be	31.03 6	P	P	16 16 29.9 +1.3
KSRK		Korea Array	31.05 7	P	P	16 16 29.9 +1.1
QIS	0.5nm,0.5s,baz=188,slow=9.3,SNR=3.6	Mount Isa	31.10 150	P	P	16 16 29.9 +0.4
ASAR	baz=31,SNR=25	Alice Springs	31.59 162	P	P	16 16 34.0 +0.4
ASAR	35nm,0.3s,baz=339,slow=7.3,SNR=218			S	S	16 20 59.8 -1.9
ASAR	2.4nm,0.7s,baz=349,slow=2.1,SNR=8.2			ScP	ScP	16 21 53.0 -1.4
WRKA	1.7nm,0.4s,baz=340,slow=3.3,SNR=16	Warakuma	31.66 172	P	P	16 16 34.9 +0.7
MTSU	baz=32,SNR=19	Mount Sprossie	31.82 141	P	P	16 16 36.1 +0.4
MEEK	baz=33,SNR=5.4	Meeekatharra	33.31 188	P	P	16 16 48.1 0.0
BJI	baz=34,SNR=9.2	Beijing	34.07 350	P	P	16 16 54.8 +0.6
BTA	8.0nm,0.5s	Charters Tower	34.49 140	P	P	16 16 59.3 +1.2
LZH	12nm,0.6s,baz=320,slow=1.1,SNR=15	Lanzhou	34.62 331	P	P	16 17 00.7 +1.6
LZH		Lanzhou	34.62 331	eP	PMZ	16 18 41.9 -0.9
LZH		Lanzhou	34.62 331	eP	S	16 21 57.1 +1.0
LZH	33nm,1.0s			PMZ		
HHC	220nm,4.3s	Hu-ho-hao-te	35.88 344	eP	PP	16 17 09.7 +0.4
HHC		Hu-ho-hao-te	35.88 344	eP	PP	16 18 59.4 +5.1
HHC		Hu-ho-hao-te	35.88 344	eP	S	16 22 07.7 +1.7

HHC	15nm,1.0s			PMZ		
HHC				PMZ		
MORW	300nm,6.8s		36.13 191	P	P	16 17 11.5 +0.2
CNT	baz=36,SNR=23	Changchun	37.18 2	eP	P	16 17 20.7 +0.9
FORT		Fort	37.30 174	P	P	16 17 21.6 +0.6
FORT	baz=38,SNR=33	Fort	37.30 174	eP	P	16 17 20.9 0.0
BLDU	81nm,0.6s	Balidu	37.51 190	P	P	16 17 22.6 0.0
KMBL	baz=38,SNR=6.0	Kambay	37.53 183	P	P	16 17 24.3 +0.2
KLBR	baz=38,SNR=20	Kellerberrin	38.70 188	P	P	16 17 29.1 0.0
MDJ	baz=38,SNR=12	Mudanjiang	38.31 7	P	P	16 17 29.5 +0.6
MDJ		Mudanjiang	38.31 7	PMZ		
MDJ	6.0nm,1.4s			PMZ		
LSA	140nm,7.0s	Lhasa	38.36 311	eP	P	16 17 31.6 +1.4
QLP	8.2nm,0.8s	Quilpie	38.44 150	P	P	16 17 30.7 +0.5
GTA	baz=39,SNR=8.1	Gaotai	39.20 330	eP	P	16 17 37.1 +0.8
GTA		Gaotai	39.20 330	eP	PP	16 19 22.0 -2.8
GTA		Gaotai	39.20 330	eP	PP	16 20 26.2 +0.1
GTA		Gaotai	39.20 330	eP	PP	16 20 26.2 +0.1
TAPN	10.0nm,0.9s	Taplejung	39.97 306	eP	P	16 17 43.4 +0.5
ODAN		Odian	40.03 305	eP	P	16 17 43.6 +0.5
RAMN		Ramite	40.71 304	eP	P	16 17 49.4 +0.7
BBOO		Buckleboo	40.82 164	P	P	16 17 49.7 +0.6
BBOO	baz=41,SNR=54	Buckleboo	40.82 164	eP	P	16 17 48.0 -1.1
EIDS	50nm,0.9s	Eidsvold	41.38 141	P	P	16 17 54.0 +0.4
EIDS	baz=42,SNR=5.4	Eidsvold	41.38 141	eP	P	16 17 53.5 -0.2
GUN	14nm,0.8s	Gumba	41.68 305	eP	P	16 17 56.9 +0.5
GUN	45nm,0.4s	Gumba	41.68 305	eP	P	16 17 56.9 +0.5
STKA		Stephens Creek	41.81 157	P	P	16 17 57.7 +0.8
STKA	6.8nm,0.5s,baz=333,slow=7.7,SNR=42	Stephens Creek	41.81 157	eP	ScP	16 22 31.1 -1.4
STKA	3.7nm,0.7s,baz=349,slow=9.9,SNR=4.1	Stephens Creek	41.81 157	eP	ScP	16 17 56.6 -0.3
STKA	5.4nm,0.7s	Stephens Creek	41.81 157	eP	ScP	16 22 31.1 -1.4
STKA		Stephens Creek	41.81 157	eP	ScP	16 17 58.3 -0.1
PKI		Pulchoki	41.93 305	eP	ScP	16 17 58.0 -0.1
PKI	10nm,0.3s	Pulchoki	41.93 305	eP	P	16 17 58.4 0.0
PKI	5.4nm,0.2s	Pulchoki	41.93 305	eP	P	16 17 58.4 0.0
DDN		Daman	42.12 305	eP	P	16 17 59.8 +0.1
KMN		Kaman	42.19 304	eP	P	16 18 00.6 +0.3
HTT		Hallett	42.26 161	P	P	16 18 01.4 +1.0
PALK	baz=42,SNR=8.6	Pallekele	42.70 274	P	P	16 18 04.3 +0.1
PALK	6.8nm,0.5s,baz=90,slow=5.5,SNR=7.3	Pallekele	42.70 274	eP	P	16 18 04.4 0.0
GKN	22nm,0.4s	Gorkha	42.72 305	P	P	16 18 09.7 +1.4
CMSA		Cobar Meteorol	43.26 152	P	P	16 18 10.9 +0.5
KOLN	baz=44,SNR=23	Koldanda	43.49 304	eP	P	16 18 11.5 +0.4
DANN	44nm,0.3s	Dangsing	43.57 305	eP	P	16 18 12.7 +0.6
SOMN		Songino Array	43.76 343	P	P	16 18 12.7 +0.6
ARMA	3.5nm,0.6s,baz=164,slow=7.4,SNR=7.2	Armadale	45.43 145	P	P	16 18 27.0 +2.0
ARMS	baz=46,SNR=11	Mount Arapiles	46.27 160	P	P	16 18 31.9 +0.8
ARMS	baz=46,SNR=17	Mount Arapiles	46.27 160	P	P	16 18 31.9 +0.8
CNB		Canerra Magne	48.10 152	P	P	16 18 46.3 +1.3
TOO	baz=48,SNR=12	Toooling	48.33 157	P	P	16 18 48.0 +1.4
WMQ	baz=49,SNR=18	Urumqi	48.75 326	P	P	16 18 51.0 +1.4</

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

IDC 07 20:22:35.2-8.9,56.38S;26.70W,h245km,83km,mb3.4/3, mb1 3.5/3,mb1mx3.2/19,mbtmp4.0/3, Error ellipse: s-maj=36.3km s-min=23.0km az=83.0, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Vanda, La Paz, TORO Torodi Ar, etc.

ISCJB 07 20:36:54.0-0.9, 13.77N;0.09-93.04E;0.07,29km, mb3.6/6, Error ellipse: s-maj=12.8km s-min=9.9km az=22.9

IDC 07 20:36:58.3-1.1, 13.75N;92.98E,h44km,8km,mb3.3/6, mb1 3.5/7,mb1mx3.2/30,mbtmp3.5/7,ML3.5/1, Error ellipse: s-maj=22.9km s-min=18.3km az=41.0

ISC 07 20:36:57.4-1.1, 13.77N;0.1-93.0E;0.1,h29km,n17, r182/20,mb3.5/6,Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, SHL Shillong, ODAN Odare, etc.

MEX 07 20:55:39.0-0.6,17.60N;94.98W,h138km,17km,MD4.1, Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMIG Matias Romero, VHO Vista Hermosa, HUIG Huatulco, etc.

IDC 07 21:01:13.8-2.7,7.16N;123.52E,h0km,mb3.6/3, mb1 3.8/3,mb1mx3.3/45,mbtmp3.6/3, Error ellipse: s-maj=312.6km s-min=24.8km az=63.0, Mindanao

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

IDC 07 21:05:29.7-16.0, 12.52S;167.12E,h352km,209km, mb3.2/4,mb1 3.3/5,mb1mx2.9/38,mbtmp3.8/5, Error ellipse: s-maj=209.1km s-min=29.3km az=156.0, Santa Cruz Islands

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

DDA 07 21:07:48.4, 36.16N;31.14E,h13km,MD3.2 ISK 07 21:07:48.4, 36.11N;31.07E,h19km,MD3.4 CSEM 07 21:07:48.9-0.1, 36.10N;31.11E,h15km,MD3.4, Error ellipse: s-maj=4.5km s-min=2.4km az=36.0 NIC 07 21:07:52.0, 36.12N;31.42E,h16km,ML3.4

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

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

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

ISC 07 21:08:00.0-0.0, 37.60N;141.70E,h80km,Mw3.6 Best double couple: M2.570000;1014 NP1;364.000000;827.000000, lambda=53.000000, NP2;184.000000;369.000000, lambda=107.000000

ISCJB 07 21:08:09.0-0.8, 37.62N;0.04;141.75E;0.09,h80km,6km, mb3.6/6, Error ellipse: s-maj=12.3km s-min=5.6km az=18.8

IDC 07 21:08:09.1-2.5, 37.57N;142.00E,h83km,21km,mb3.4/6, mb1 3.6/11,mb1mx3.4/40,mbtmp3.7/11, Error ellipse: s-maj=21.0km s-min=13.3km az=87.0

JMA 07 21:08:11.8-0.1, 37.65N;141.60E,h79km,ML3.7 Broadband fault plane solution: P waves. NP1: 0.213.000000;857.000000;lambda=88.000000, NP2;28.000000;833.000000;lambda=94.000000. Principal axes: T P1g12.000000, Azm301.000000; N P1g2.000000, Azm31.000000; P P1g7.000000, Azm131.000000

JMA Felt II J1, ISC 07 21:08:10.4-1.3, 37.376N;0.05;141.82E;0.09,h7km,10km, n23, r099/39,mb3.7/6,9C-4D,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JFK Kawauchi, JMM Murumori, JMO Ouri, etc.

SJA 07 21:24:32.4-1.4, 31.13S;64.80W,h25km,10km,ML3.3, MW3.5, Cordoba Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TCA Tanti, TCA TCA, PIL Pilar, etc.

IDC 07 21:26:53.5-1.1, 1.53S;128.09E,h0km,mb3.5/3, mb1 3.6/6,mb1mx3.4/51,mbtmp3.6/6,ML3.4/3, Error ellipse: s-maj=26.9km s-min=2.1km az=49.0

ISCJB 07 21:26:56.3-0.9, 1.68S;128.05E;0.07,h33km,mb3.6/3, Error ellipse: s-maj=18.4km s-min=9.7km az=165.7

ISC 07 21:26:58.7-1.0, 1.65S;0.02;128.09E;0.09,h35km,n6, r057/0,mb3.8/3,Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SIJL Sorong, SIJL SIJL, KAPI Kappang, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SONM Songino Array, H1N2 WAKE ISLAND, H1N1 WAKE ISLAND, etc.

ISCJB 07 21:20:46.0-0.7, 26.39S;0.03;27.39E;0.04,h15km,6km, Error ellipse: s-maj=6.1km s-min=5.2km az=27.3

PRE 07 21:20:46.7-1.5, 26.41S;27.33E,h2km,ML2.9 ISC 07 21:20:46.7-0.9, 26.42S;0.04;27.35E;0.04,h10km,6km, n16, r145/26,1C, South Africa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WDLM Western Deep L, KLOF Kloof, PRYS Parys, etc.

IDC 07 21:24:02.2-1.7, 36.98S;73.73W,h0km,mb4.0/8, mb1 4.2/8,mb1mx4.0/29,mbtmp4.0/8,MS3.0/3,Ms1 3.0/3, ms1mx2.7/31, Error ellipse: s-maj=43.9km s-min=33.2km az=12.0

ISC 07 21:24:04.6-1.8, 37.0S;0.3;73.7W;0.3,h14km,n12, r056/9,mb3.9/8,Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CFAA Coronel Fontan, CPUP Villa Florida, LPAZ La Paz, etc.

SJA 07 21:24:32.4-1.4, 31.13S;64.80W,h25km,10km,ML3.3, MW3.5, Cordoba Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TCA Tanti, TCA TCA, PIL Pilar, etc.

IDC 07 21:26:53.5-1.1, 1.53S;128.09E,h0km,mb3.5/3, mb1 3.6/6,mb1mx3.4/51,mbtmp3.6/6,ML3.4/3, Error ellipse: s-maj=26.9km s-min=2.1km az=49.0

ISCJB 07 21:26:56.3-0.9, 1.68S;128.05E;0.07,h33km,mb3.6/3, Error ellipse: s-maj=18.4km s-min=9.7km az=165.7

ISC 07 21:26:58.7-1.0, 1.65S;0.02;128.09E;0.09,h35km,n6, r057/0,mb3.8/3,Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SIJL Sorong, SIJL SIJL, KAPI Kappang, etc.

7d 21h

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Table with columns: FMW, Mount Fremont, 19.33 154 P, Pn, 21 50 44.0 +0.1, etc. Includes stations like FMW, FCC, LON, UNV, GIFN, etc.

Table with columns: TPH, Tonopah, 28.73 152 eP, P, 21 52 17.6 +2.6, etc. Includes stations like TPH, R11A, P17A, etc.

Table with columns: HABR, eSP, sP, 21 54 57.0 -4.4, etc. Includes stations like HABR, NSS, AKN, etc.

ASAR Alice Springs 90.72 230 P P 23 31 16.9 -3.2
MAW Mawson 151.23 219 PKPbc PKPdf 23 38 06.7 +3.5

IDC 07 23:23:11.0:3.7, 6.88S:150.71E, h0km, mb3.1/2,
mb1 3.5/2, mb1mx3.2/30, mbtmp3.2/2, Error ellipse:
s-maj=149.4km s-min=48.2km az=120.0, New Britain
region

Code Station Name Delta AZZ Phase ID Time Res
WRA Warramunga Arr 20.52 229 Op P 23 27 50.9 -0.2
ASAR Alice Springs 23.23 222 P P 23 28 19.6 -0.4
TORO Torodi Arr 148.88 284 PKPbc PKPdf 23 43 01.6 -0.3

IDC 07 23:39:13.7:1.6, 6.03S:148.09E, h0km, mb3.3/2,
mb1 3.6/4, mb1mx3.4/28, mbtmp3.4/4, MLO.9/1, Error
ellipse: s-maj=77.0km s-min=23.1km az=114.0, New
Britain region

Code Station Name Delta AZZ Phase ID Time Res
PMG Port Moresby 3.48 195 Op P 23 40 10.8 +1.7
WRA Warramunga Arr 19.23 223 P P 23 43 39.4 -0.2
ASAR Alice Springs 22.22 216 P P 23 44 11.3 -0.7
ILAR Eielson Array 85.08 23 P P 23 51 52.2 0.0
TORO Torodi Arr 148.15 285 PKPbc PKPdf 23 58 56.0 0.0

ISK 07 23:49:33.4, 36.57N:29.05E, h7km, MD2.7
ISCJB 07 23:49:34.3:1.0, 36.47N:01.10:29.04E:0.08, h14km, Error
ellipse: s-maj=16.0km s-min=6.7km az=29.1
DDA 07 23:49:34.3, 36.50N:28.94E, h7km, MD2.7
CSEM 07 23:49:34.4:0.6, 36.51N:29.03E, h10km, MD2.7, Error
ellipse: s-maj=21.9km s-min=9.3km az=31.0

IDC 07 23:49:33.1:1.1, 36.43N:0.08:29.00E:0.05, h14km, n16,
o542/21, Dodecanese Islands

Code Station Name Delta AZZ Phase ID Time Res
DALY Dalyan (Mu'la) 0.47 324 Op P 23 49 41.8 -0.7
AKAS Kas 0.53 112 i P S 23 49 44.3 0.0
AKAS Kas 0.53 112 i P S 23 49 55.2 0.0

DDA 07 23:53:24.4, 36.97N:31.08E, h27km, MD3.0
ISK 07 23:53:26.2, 36.97N:31.25E, h22km, MD3.0
CSEM 07 23:53:26.2:0.3, 36.99N:31.21E, h20km, MD3.0, Error
ellipse: s-maj=10.4km s-min=7.7km az=21.0

IDC 07 23:53:26.4:1.6, 37.06N:0.04:31.16E:0.03, h84km, n15km,
n26, c1811/44, Turkey

Code Station Name Delta AZZ Phase ID Time Res
ANTB Antalya 0.43 249 eP P 23 53 36.7 -3.2
BCK Bucak 0.61 312 eP P 23 53 41.2 -0.4

IDC 08 00:00:14.3:2.0, 13.74N:144.18E, h96km, 41km, mb2.9/3,
s-maj=94.4km s-min=20.7km az=93.0, Mariana Islands

Code Station Name Delta AZZ Phase ID Time Res
GUMO Guam 0.68 103 Op P 00 00 32.3 +1.1
WRA Warramunga Arr 34.85 196 P P 00 06 55.9 -0.6
ASAR Alice Springs 38.51 195 P P 00 07 27.7 0.0
MKAR Makanchi Array 60.92 316 P P 00 10 17.3 0.0

DJA 08 00:04:55.9:0.3, 0.3S:123.3E, h72km, 7km, M4.0/13,
mb3.9/1, MLV4.0/13, Minahassa Peninsula, Sulawesi

Code Station Name Delta AZZ Phase ID Time Res
LUWI Luwuk 0.85 187 P P 00 05 13.7 +1.0
MRSI Marisa 1.15 305 P P 00 05 16.7 +0.3
APSI Ampana 1.42 240 P P 00 05 20.7 +0.8
MPSI Mapaga 3.03 280 P P 00 05 42.5 +1.0
SANI Sanana 3.62 121 P P 00 05 47.8 -1.7

KDI Kendari 3.75 184 P Pn 00 05 51.2 -0.2
TTSI Tana Toraja 4.17 227 P S 00 05 58.1 +1.0
TNTI Ternate 4.59 78 P Pn 00 06 03.2 +0.4
LBMI Labuha 4.64 96 P S 00 06 04.5 +0.9

ISCJB 08 00:05:07.8:0.6, 23.67S:0.05:69.43W:0.06, h100km, 9km,
mb4.2/1, Error ellipse: s-maj=9.9km s-min=8.1km
az=167.1
SJA 08 00:05:07.6:0.8, 23.71S:69.43W, h65km, 75km, ML2.9,
MLV2.7
GUC 08 00:05:07.3:0.6, 23.67S:69.32W, h90km, 8km, ML4.3
IDC 08 00:05:07.7:2.1, 23.75S:69.42W, h84km, 12km, mb4.1/1,
mb1 3.7/5, mb1mx3.4/27, mbtmp4.0/5, MS2.2/1, M2.2,
ms1mx2.2/25, Error ellipse: s-maj=47.3km s-min=14.2km
az=94.0

IDC 08 00:05:08.7:1.0, 23.71S:0.05:69.43W:0.06, h84km, 12km,
n21, c1932/28, 1D, Northern Chile

Code Station Name Delta AZZ Phase ID Time Res
ANCH Antofagasta 0.90 272 Op P 00 05 07.6 +1.1
PB06 IPOC Station P 1.01 353 eP S 00 05 27.8 -0.5
PB10 IPOC Station P 1.05 281 eP S 00 05 28.7 +0.2

Code Station Name Delta AZZ Phase ID Time Res
SLA San Lorenzo 3.72 106 eP P 00 06 06.2 +2.1
FSA Cafayete 3.91 128 eP P 00 06 08.2 +1.6
AZAP Zapla 4.03 98 eP P 00 06 09.4 +1.1
ASTB Santa Barbara 4.54 94 eP P 00 06 16.2 +1.1

Code Station Name Delta AZZ Phase ID Time Res
ACX Acapulco 0.15 300 Op P 00 10 44.5 +6.3
CAIG EI Cayaco 0.57 296 i P P 00 10 45.9 -0.4
MEIG Mezcala 1.13 5 i P P 00 10 53.8 -3.2
TLIG Tlapa 1.34 55 eP S 00 10 57.0 -3.8

KRSC 08 00:19:06.8:1.0, 48.81N:156.12E, h80km, 28km, ML4.1,
East of Kuril Islands

Code Station Name Delta AZZ Phase ID Time Res
SKR Severo-Kuril's 1.88 0 eP P 00 19 38.8 +1.8
PAU Pauzhetka 2.70 9 eP S 00 19 50.1 +2.1
MIRP Malaya Ipe'ka 3.50 6 eP S 00 20 23.3 +2.6
ASAK Asacha 3.75 17 eP P 00 20 04.8 +2.3

DDA 08 00:24:08.5, 36.48N:27.84E, h23km, ML4.3
NEIC 08 00:24:10.7, 36.63N:28.01E, h30km, mb4.3/19,
ML4.4(ISK), ML4.4(ATH), After ATH.
ATH 08 00:24:10.9, 36.62N:28.00E, h30km, MD4.1/54, ML4.4
ISCJB 08 00:24:11.2:0.3, 36.52N:0.01:27.99E:0.01, h24km, 3km,
mb4.3/39, MS3.2/3, Error ellipse: s-maj=2.1km
s-min=1.6km az=19.1

THE 08 00:24:11.3, 36.62N:28.02E, h1km, ML4.4/8, Error ellipse:
s-maj=0.6km s-min=0.3km az=86.0
CSEM 08 00:24:12.8:0.1, 36.56N:27.99E, h20km, mb4.5/19, Error
ellipse: s-maj=2.2km s-min=1.7km az=14.0
MOS 08 00:24:12.5:1.0, 36.54N:27.97E, h33km, mb4.8/11, Error
ellipse: s-maj=6.2km s-min=3.5km az=104.2

Code Station Name Delta AZZ Phase ID Time Res
ARG Arkhangelos 0.38 161 eP P 00 24 19.7 -0.9
ARG Arkhangelos 0.38 161 eP S 00 24 19.7 -0.9
ARG Arkhangelos 0.38 161 eP S 00 24 27.6 +1.5

Code Station Name Delta AZZ Phase ID Time Res
ARG Arkhangelos 0.38 161 eP S 00 24 19.7 -0.9
ARG Arkhangelos 0.38 161 eP S 00 24 19.7 -0.9
ARG Arkhangelos 0.38 161 eP S 00 24 19.7 -0.9
ARG Arkhangelos 0.38 161 eP S 00 24 19.7 -0.9

YER Ymeria 0.64 273 eSg Sb 00 24 31.3 -1.7
NIS1 Nisyros Isl. 0.64 273 eP P 00 24 24.4 -0.8
NIS1 Nisyros Isl. 0.64 273 eP S 00 24 34.1 +0.4
NIS1 Nisyros Isl. 0.64 273 eP S 00 24 24.2 -1.0
NIS1 Nisyros Isl. 0.64 273 eP S 00 24 34.9 +1.2

Code Station Name Delta AZZ Phase ID Time Res
BODT Bodrum 0.72 313 eP P 00 24 24.8 -1.7
BODT Bodrum 0.72 313 eP P 00 24 24.8 -1.7
AYDN Tasoluk 1.09 356 i P S 00 24 47.1 +0.1
AYDN Tasoluk 1.09 356 i P S 00 24 47.1 +0.1

Code Station Name Delta AZZ Phase ID Time Res
GOLH Golhisar 1.43 62 i P S 00 24 38.5 -0.2
GOLH Golhisar 1.43 62 i P S 00 24 38.5 -0.2
GOLH Golhisar 1.43 62 i P S 00 24 38.5 -0.2
GOLH Golhisar 1.43 62 i P S 00 24 38.5 -0.2

Code Station Name Delta AZZ Phase ID Time Res
ZEV zmir 2.03 225 i P S 00 24 44.2 -1.3
SANT Santorini 2.04 265 eP P 00 24 45.2 -0.2
SANT Santorini 2.04 265 eP P 00 24 45.2 -0.2
SANT Santorini 2.04 265 eP P 00 24 46.2 +0.6

Code Station Name Delta AZZ Phase ID Time Res
CHOS Chios island 2.37 320 eP P 00 24 49.5 -0.7
CHOS Chios island 2.37 320 eP P 00 24 49.5 -0.7
CHOS Chios island 2.37 320 eP P 00 24 49.5 -0.7
CHOS Chios island 2.37 320 eP P 00 24 49.5 -0.7

Code Station Name Delta AZZ Phase ID Time Res
LAST Lasithi 2.47 236 eP S 00 25 18.8 -0.3
LAST Lasithi 2.47 236 eP S 00 25 18.8 -0.3
LAST Lasithi 2.47 236 eP S 00 25 18.8 -0.3
LAST Lasithi 2.47 236 eP S 00 25 18.8 -0.3

Code Station Name Delta AZZ Phase ID Time Res
DEM1 Demirci 2.54 13 i P P 00 24 52.0 -0.5
DEM1 Demirci 2.54 13 i P P 00 24 52.0 -0.5
DEM1 Demirci 2.54 13 i P P 00 24 52.0 -0.5
DEM1 Demirci 2.54 13 i P P 00 24 52.0 -0.5

2010 AUG

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like FIAO, FINES, HFS, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like K515, KSR5, KSR5, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SKR, PAU, MAJ, etc.

8d 4h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Tin City, Nome, Gambell, Galena City Sc, etc.

2018 AUG

Table with columns: ACAN, MRA, ACHE, AAGR, ASAL, CFAA, ARCO, RTLL, AVFE, AMOG, etc. Includes station names and coordinates.

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Table with columns: GVD, ANOYIA, HERAKLION, ZAKROS, etc. Includes station names and coordinates.

Table with columns: ZNM, baz=125, 8.96 125 P, Pn, 04 08 41.1 -1.7, etc. Lists various stations and their frequencies.

Table with columns: KIS, comp=Z,500nm,14.0s, MLR, MLR, 12.56 14 eP, etc. Lists various stations and their frequencies.

Table with columns: TUE, comp=Z,50nm,1.1s, eSn, Sn, 16.31 61 P, etc. Lists various stations and their frequencies.

Table with columns: BVAR, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Frequency Error, Bandwidth Error, SNR Error, Azimuth Error, Elevation Error, Frequency Error, Bandwidth Error, SNR Error.

Table with columns: KURBB, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Frequency Error, Bandwidth Error, SNR Error.

Table with columns: ETRT, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Frequency Error, Bandwidth Error, SNR Error.

ISC/JB 08 06:14:26.0:0.8, 37.22N:0:05:28.18E:0:06, h11km, 9km, Error ellipse: s-maj=9.8km s-min=5.9km az=137.2

IDC 08 07:11:26.0:2.0, 5.75S:151.08E, h0km, mb3.7/3, mb1 4.0/4, mb1mx3.6/30, mbtmp3.7/4, ML1.4/1, Error ellipse: s-maj=121.3km s-min=26.7km az=126.0, New Britain region

Table with columns: EMUR, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Frequency Error, Bandwidth Error, SNR Error.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Frequency Error, Bandwidth Error, SNR Error.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Frequency Error, Bandwidth Error, SNR Error.

Table with columns: EBEN, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Frequency Error, Bandwidth Error, SNR Error.

IDC 08 06:26:22.4:2.4, 54.09N:86.44E, h0km, mb1 3.3/2, mb1mx3.1/33, mbtmp3.3/2, ML3.0/2, Error ellipse: s-maj=19.5km s-min=11.5km az=61.0, Southwestern Siberia

DDA 08 07:19:05.4, 39.57N:44.01E, h5km, MD3.1, CSEM 08 07:19:08.0:0.9, 39.42N:43.86E, h2km, MD3.1, Error ellipse: s-maj=23.9km s-min=20.4km az=106.0

Table with columns: EIBI, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Frequency Error, Bandwidth Error, SNR Error.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Frequency Error, Bandwidth Error, SNR Error.

ISC 08 07:19:06.2:1.6, 39.55N:04.4401E:0.05, h3km, 12km, n13, r124/19, Iran-Armenia-Azerbaijan border region

Table with columns: GORA, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Frequency Error, Bandwidth Error, SNR Error.

MAN 08 06:49:43, 7.06N:124.04E, h32km, mb4.5, ML3.4, MS3.3, 1D, Mindanao

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Frequency Error, Bandwidth Error, SNR Error.

Table with columns: GORA, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Frequency Error, Bandwidth Error, SNR Error.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Frequency Error, Bandwidth Error, SNR Error.

NNC 08 07:20:12.7:3.1, 42.18N:80.97E, h0km, mb3.3, mpv3.0, Error ellipse: s-maj=25.7km s-min=16.3km az=12.0

Table with columns: EQU, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Frequency Error, Bandwidth Error, SNR Error.

IDC 08 06:57:56.0:12.0, 55.98S:27.65W, h168km, 111km, mb3.4/3, mb1 3.5/3, mb1mx3.3/15, mbtmp3.9/3, Error ellipse: s-maj=37.7km s-min=24.6km az=80.0, South Sandwich Islands region

KRNET 08 07:20:15.0:1.4, 41.30N:80.51E, mb3.6, ISC 08 07:20:13.4:2.9, 42.20N:02.810E:0.1, h25km, n5, r1524/9, SC-SD, Southern Xinjiang

Table with columns: EQU, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Frequency Error, Bandwidth Error, SNR Error.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Frequency Error, Bandwidth Error, SNR Error.

PDGK Podgornoye 1.72 322 Op Pn 07 20 41.0 -0.8

Table with columns: EQU, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Frequency Error, Bandwidth Error, SNR Error.

KRNET 08 06:58:49.2:0.1, 41.06N:80.74E, mb4.0, NNC 08 06:58:50.8:1.7, 42.12N:80.73E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=12.2km s-min=8.3km az=3.0

ANVS Anan'yev 2.56 289 Op Pn 07 20 57.5 -1.3

Table with columns: EQU, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Frequency Error, Bandwidth Error, SNR Error.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Frequency Error, Bandwidth Error, SNR Error.

IDC 08 07:45:07.8:1.2, 18.3S:03.1691E:0.3, h201km, n7, r0589/6, mb3.3/4, Vanuatu Islands

Table with columns: EQU, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Frequency Error, Bandwidth Error, SNR Error.

IDC 08 07:08:42.0:3.0, 54.56N:86.52E, h0km, mb1 5.9/2, mb1mx2.8/44, mbtmp2.9/2, ML2.6/2, Error ellipse: s-maj=23.4km s-min=16.5km az=43.0, Southwestern Siberia

ANVS Anan'yev 2.56 289 Op Pn 07 20 57.5 -1.3

Table with columns: EQU, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Frequency Error, Bandwidth Error, SNR Error.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Frequency Error, Bandwidth Error, SNR Error.

ISC 08 07:45:07.8:1.2, 18.3S:03.1691E:0.3, h201km, n7, r0589/6, mb3.3/4, Vanuatu Islands

Table with columns: EQU, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Azimuth Error, Elevation Error, Frequency Error, Bandwidth Error, SNR Error.

8d 9h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like PAB San Pablo, EMIR Miracle, EMIR 1.0m, 0.1s, SNR=7.9, etc.

IDC 08:10:28.62.9.32.12N:0.98E, h0km, mb3.7/6, mb1.3/8, mb1mx3.5/44, mbtmp3.7/8, ML3.3/2, MS2.4/1, Ms1.2/4.1, ms1mx2.1/35, Error ellipse: s-maj=68.6km s-min=28.9km az=132.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like MKAR Makanchi Array, KURSB Kurchatov Arra, AKTO Aktyubinsk, etc.

IDC 08:16:58.61.5.52.73N:169.96W, h0km, mb3.6/5, mb1.4/0.6, mb1mx3.5/36, mbtmp3.7/6, ML3.4/1, Error ellipse: s-maj=96.8km s-min=21.8km az=151.0

ISCJB 08:16:59.5.1.3.52.72N:0.1:169.7W:0.1, h10km, 7km, mb3.6/5, Error ellipse: s-maj=22.9km s-min=6.6km az=149.8

NEIC 08:17:02.1, 52.71N:169.47W, h12km, ML3.4(AEIC), After AEIC

ISC 08:17:00.1±1.9, 52.72N:0.1:169.69W:0.08, h4km±11km, n25, r1901/24, mb3.6/5, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like NIKH Nikolski High, OKSO Okmok South, OKWR Okmok West Rim, etc.

IDC 08:18:59.0.2.1, 6.81S:129.02E, h0km, mb3.5/1, mb1.3/5.3, mb1mx3.3/26, mbtmp3.3/3, ML3.5/2, Error ellipse: s-maj=121.2km s-min=31.9km az=67.0

ISCJB 08:19:13.6:1.4, 7.5S:0.1:128.5E:0.1, h151km, mb3.1/1, Error ellipse: s-maj=24.9km s-min=14.4km az=43.7

AUST 08:19:22.5:12.0, 8.53S:128.27E, h17km±2km, Error ellipse: s-maj=5.0km s-min=1.3km az=16.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like SOE Soe, MTN Manton Dam, KDU Kakadu, etc.

ISCJB 08:46:38.2:0.6, 21.9N:0.1:94.4E:0.2, h97km, mb3.8/12, Error ellipse: s-maj=28.6km s-min=8.6km az=143.8

IDC 08:46:38.4:0.9, 21.77N:94.34E, h22km±8km, mb3.5/12, mb1.3/6/13, mb1mx3.3/44, mbtmp3.9/13, Error ellipse: s-maj=32.8km s-min=13.0km az=65.0

ISC 08:46:39.5:0.7, 21.9N:0.1:94.4E:0.2, h97km, n14, r1563/18, mb3.7/12, Myanmar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like SHL Shillong, CMAR, MKAR Makanchi Array, etc.

2010 AUG

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

ISCJB 08:48:47.0:0.8, 37.23N:0.06:28.18E:0.08, h8km, 11km, Error ellipse: s-maj=15.5km s-min=4.8km az=137.2

ISK 08:48:47.1, 37.23N:28.22E, h7km, MD2.6

CSEM 08:48:47.1:0.2, 37.23N:28.22E, h10km, MD2.6, Error ellipse: s-maj=6.6km s-min=4.0km az=53.0

ISC 08:48:47.0:1.0, 37.22N:0.03:28.21E:0.04, h11km±7km, n15, r044/25, Turkey

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

BJI 08:09:00:22.6, 40.66N:22.67E, h10km, mb4.7/34, mb4.9/23, Ms4.7/16, Ms7.4/3/14

BEO 08:09:00:25.6:0.7, 40.43N:23.75E, h0km, ML4.7/1

ISCJB 08:09:00:27.9:0.3, 40.563N:0.008:23.59E:0.01, h10km±2km, mb4.4/58, MS3.7/22, Error ellipse: s-maj=1.5km s-min=1.2km az=141.7

IDC 08:09:00:27.2:0.5, 40.53N:23.57E, h0km, mb4.3/25, mb1.4/3/7, mb1mx4.2/67, mbtmp4.3/37, ML4.0/11, MS3.6/26, Ms1.3/6/26, ms1mx3.4/43, Error ellipse: s-maj=9.3km s-min=9.1km az=170.0

PDG 08:09:00:28.2:0.6, 40.50N:23.62E, h12km, ML4.1/11, Error ellipse: s-maj=0.5km s-min=0.8km az=0.0

NEIC 08:09:00:28.0, 40.55N:23.56E, h22km, mb4.6/20, MW4.4, ML4.5(TH), ML4.5(ATH), Moment Tensor Solution. s18

Moment tensor: Scalar 105Nm; Mw=4.3; Mw=0.32; Mw=3.65; Mw=0.53; Mw=0.19; Best double couple: Ms=60000±1015 NPT±90.00000°, δ66.00000°, λ=60.00000°, NP2±256.00000°, δ25.00000°, λ=102.00000°. Principal axes: T=7900, P=20000, Azm175.00000°; N=0.3200, Pigs0.0000; Azm267.0000°; P=5.4200, Plg68.0000; Azm11.0000°. After ATH.

NEIC Felt at Kalvay Polyiuro, Serres and Thessaloniki. Also felt at Sofia, Bulgaria.

ATH 08:09:00:28.0, 40.55N:23.56E, h22km, MD3.9/59, ML4.5

CSEM 08:09:00:28.6:0.1, 40.54N:23.59E, h5km, mb4.7/27, MW4.4, Error ellipse: s-maj=1.7km s-min=1.4km az=42.0

THE 08:09:00:28.8, 40.56N:23.58E, h10km, ML4.5/13, Error ellipse: s-maj=0.5km s-min=0.3km az=339.0

SZGRF 08:09:00:29.6, 40.42N:23.86E, h10km, Greece

MOS 08:09:00:29.5:1.3, 40.80N:23.57E, h29km, mb4.8/26, MS4.0/19, Error ellipse: s-maj=4.9km s-min=3.2km az=91.0

SOF 08:09:00:30.6, 40.68N:23.62E, h2km, MD4.3

SKO 08:09:00:30.3, 40.58N:23.52E, h2km, M4.2, ML4.4

PRU 08:09:00:31.2, 40.72N:23.57E, h0km, M4.6

ISC 08:09:29.8:0.4, 40.55N:0.01:23.57E:0.01, h15km±2km, n807, r1929/945, mb4.5/58, MS3.7/22, 54C-49D, Greece

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

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

DIM Dimitrovgrad	2.10 44	iP	Pg	09 01 09.0 -1.1	IVA Berane	3.60 311	i/Pn	Pn	09 01 26.1 +1.0	MLR comp=E,392nm,21.0s,baz=224,slow=43	LR	LR	09 04 11.8	
KBN Korca	2.12 273	i/Pn	Pn	09 01 03.8 -0.9	IVA		eSn	Sn	09 02 10.6 +3.3	MLR Muntele Rosu	5.23 19	i/P	Pn	09 01 49.0 +1.4
KBN Korca	2.12 273	i/Pn	Pn	09 01 03.8 -0.9	ITM Ithomi	3.60 201	e/Pn	Pn	09 01 25.5 +0.4	BZS Buzias	5.26 345	i/P	Pn	09 01 47.3 -0.5
EVR Evrytania	2.12 220	e/Pn	Pn	09 01 04.5 -0.3	KCTX Karacabey (Bur	3.67 93	e/Pn	Pn	09 01 25.5 +0.4	TIRG Tirgusor	5.29 41	e/P	Pn	09 01 47.4 -0.9
SKO Skopje	2.14 112	e/Pn	Pn	09 01 04.5 -0.3	KCTX Karacabey (Bur	3.67 93	e/Pn	Pn	09 01 26.4 +0.5	TIRG Tirgusor	5.29 41	i/P	Pn	09 01 47.0 -0.3
SRO Skopje	2.14 112	e/Pn	Pn	09 01 05.7 +0.8	AKS Akhisar	3.67 116	e/Pn	Pn	09 01 27.3 +1.2	TIRR Tirgusor	5.29 41	e/P	Sg	09 01 47.4 -0.9
EKE Eretria	2.15 172	e/PB	Pn	09 01 04.5 -0.6	AKS Akhisar	3.67 116	e/Pn	Pn	09 01 27.3 +1.2	TIRR Tirgusor	5.29 41	e/P	Sg	09 03 15.1 -4.6
OHR Ohrid	2.17 286	e/Pn	Pn	09 01 06.3 +0.8	DRME Dracevica, Mon	3.68 298	i/Pn	Sn	09 01 27.8 +1.7	TIRR Tirgusor	5.29 41	e/Pn	Sg	09 01 47.4 -0.9
OHR Ohrid	2.17 286	e/Pn	Pn	09 01 06.3 +0.8	DRME		eSn	Sn	09 02 12.0 +2.7	GULT Gulveren	5.30 89	e/Pn	Pn	09 03 15.2 -4.6
SIGR SIGRI	2.21 127	e/Pn	Pn	09 01 05.0 -0.9	DRME Dracevica, Mon	3.68 298	i/Pn	Sn	09 01 27.8 +1.7	GULT Gulveren	5.30 89	e/Pn	Pn	09 01 48.7 +1.3
SIGR SIGRI	2.21 127	e/Pn	Pn	09 01 05.0 -0.9	DRME		eSn	Sn	09 01 27.8 +1.7	GULT Gulveren	5.30 89	e/Pn	Pn	09 01 48.7 +1.3
SIGR SIGRI	2.21 127	e/Pn	Pn	09 01 05.0 -0.9	DRME		eSn	Sn	09 01 27.8 +1.7	GULT Gulveren	5.30 89	e/Pn	Pn	09 01 48.7 +1.3
GELI Tayfur-Gelibol	2.22 93	e/Pn	Pn	09 01 06.1 +0.1	PDG Podgorica	3.74 301	i/Pn	Sn	09 02 13.6 +2.8	IDI Anoyia	5.36 168	e/Pn	Pn	09 01 49.2 -0.1
GELI Tayfur-Gelibol	2.22 93	e/Pn	Pn	09 01 06.1 +0.1	PDG Podgorica	3.74 301	i/Pn	Sn	09 02 13.6 +2.8	IDI Anoyia	5.36 168	e/Pn	Pn	09 01 49.0 -0.3
EZN Ezine	2.23 108	e/Pn	Pn	09 01 05.4 -0.8	APE Apeiranthos	3.80 156	e/Pn	Pn	09 01 27.2 -0.6	IDI Anoyia	5.36 168	e/Pn	Pn	09 01 49.0 -0.3
EZN Ezine	2.23 108	e/Pn	Pn	09 01 05.4 -0.8	APE Apeiranthos	3.80 156	e/Pn	Pn	09 01 27.2 -0.6	IDI Anoyia	5.36 168	e/Pn	Pn	09 01 49.0 -0.3
ERIK Eriki-Kesan	2.24 86	e/Pn	Pn	09 01 05.2 -1.2	APE Apeiranthos	3.80 156	e/Pn	Pn	09 01 27.2 -0.6	FGSL Fruska Gora	5.37 330	e/Pn	Pn	09 01 48.7 -0.6
ERIK Eriki-Kesan	2.24 86	e/Pn	Pn	09 01 05.2 -1.2	APE Apeiranthos	3.80 156	e/Pn	Pn	09 01 27.2 -0.6	FGSL Fruska Gora	5.37 330	e/Pn	Pn	09 01 48.7 -0.6
ERIK Eriki-Kesan	2.24 86	e/Pn	Pn	09 01 05.2 -1.2	APE Apeiranthos	3.80 156	e/Pn	Pn	09 01 27.2 -0.6	FGSL Fruska Gora	5.37 330	e/Pn	Pn	09 01 48.7 -0.6
JAN Janina	2.27 248	e/Pn	Pn	09 01 06.9 -1.2	APE Apeiranthos	3.80 156	e/Pn	Pn	09 01 27.2 -0.6	FRMS Fruska Gora	5.37 330	e/Pn	Pn	09 01 48.7 -0.6
JAN Janina	2.27 248	e/Pn	Pn	09 01 06.9 -1.2	APE Apeiranthos	3.80 156	e/Pn	Pn	09 01 27.2 -0.6	FRMS Fruska Gora	5.37 330	e/Pn	Pn	09 01 48.7 -0.6
JAN Janina	2.27 248	e/Pn	Pn	09 01 06.9 -1.2	APE Apeiranthos	3.80 156	e/Pn	Pn	09 01 27.2 -0.6	FRMS Fruska Gora	5.37 330	e/Pn	Pn	09 01 48.7 -0.6
DESJ Desfina	2.28 201	e/Pn	Pn	09 01 06.2 -0.8	SJES Sjenica	3.81 316	i/Pn	Pn	09 01 28.7 +0.7	IACM Heraklion	5.37 167	e/Pn	Pn	09 01 51.1 +1.8
DESJ Desfina	2.28 201	e/Pn	Pn	09 01 06.2 -0.8	SMG Samos	3.81 137	e/Pn	Pn	09 01 27.2 -0.7	TURN Turunc	5.38 131	i/P	Pn	09 01 44.8 -4.7
DSF Desfina	2.29 201	e/Pn	Pn	09 01 06.2 -0.8	SMG Samos	3.81 137	e/Pn	Pn	09 01 27.2 -0.7	TURN Turunc	5.38 131	i/P	Pn	09 01 44.8 -4.7
DSF Desfina	2.29 201	e/Pn	Pn	09 01 06.2 -0.8	SMG Samos	3.81 137	e/Pn	Pn	09 01 27.2 -0.7	TURN Turunc	5.38 131	i/P	Pn	09 01 44.8 -4.7
DSF Desfina	2.29 201	e/Pn	Pn	09 01 06.2 -0.8	SMG Samos	3.81 137	e/Pn	Pn	09 01 27.2 -0.7	TURN Turunc	5.38 131	i/P	Pn	09 01 44.8 -4.7
VLZ Pitees	2.33 186	e/Pn	Pn	09 01 07.7 -0.1	VLI Veliai	3.86 188	e/Pn	Pn	09 01 28.2 -0.4	TIP Timpagrande	5.42 258	e/Pn	Sn	09 01 50.7 +0.6
VLZ Pitees	2.33 186	e/Pn	Pn	09 01 07.7 -0.1	VLI Veliai	3.86 188	e/Pn	Pn	09 01 28.2 -0.4	TIP Timpagrande	5.42 258	e/Pn	Sn	09 01 50.7 +0.6
VLZ Pitees	2.33 186	e/Pn	Pn	09 01 07.7 -0.1	VLI Veliai	3.86 188	e/Pn	Pn	09 01 28.2 -0.4	TIP Timpagrande	5.42 258	e/Pn	Sn	09 01 50.7 +0.6
WLL Villia	2.40 187	e/Pn	Pn	09 01 07.7 -0.8	DURS Dursunbey	3.88 103	i/P	Pn	09 01 28.8 +0.8	TIP Timpagrande	5.42 258	e/Pn	Sn	09 01 50.7 +0.6
KALE Kalitheia	2.43 208	e/Pn	Pn	09 01 08.6 -0.3	DURS Dursunbey	3.88 103	i/P	Pn	09 01 28.8 +0.8	TIP Timpagrande	5.42 258	e/Pn	Sn	09 01 50.7 +0.6
KALE Kalitheia	2.43 208	e/Pn	Pn	09 01 08.6 -0.3	DURS Dursunbey	3.88 103	i/P	Pn	09 01 28.8 +0.8	TIP Timpagrande	5.42 258	e/Pn	Sn	09 01 50.7 +0.6
LPK Lapseki	2.44 93	e/Pn	Pn	09 01 08.2 -0.9	PYL PYLOS	3.92 202	e/Pn	Pn	09 01 30.0 +0.6	GRER	5.43 26	i/P	Pn	09 01 51.1 +0.9
LPK Lapseki	2.44 93	e/Pn	Pn	09 01 08.2 -0.9	PYL PYLOS	3.92 202	e/Pn	Pn	09 01 30.0 +0.6	GRER	5.43 26	i/P	Pn	09 01 51.1 +0.9
PRK Paraskievi	2.46 91	e/Pn	Pn	09 01 08.2 -0.9	BUM Brajci-Budva	3.92 298	i/Pn	Pn	09 01 30.8 +1.3	NPS Neapolis	5.52 162	e/Pn	Pn	09 01 51.0 -0.5
PRK Paraskievi	2.46 91	e/Pn	Pn	09 01 08.2 -0.9	BUM Brajci-Budva	3.92 298	i/Pn	Pn	09 01 30.8 +1.3	NPS Neapolis	5.52 162	e/Pn	Pn	09 01 51.0 -0.5
PRK Paraskievi	2.46 91	e/Pn	Pn	09 01 08.2 -0.9	BUM Brajci-Budva	3.92 298	i/Pn	Pn	09 01 30.8 +1.3	NPS Neapolis	5.52 162	e/Pn	Pn	09 01 51.0 -0.5
TRIZ Trizonia	2.47 208	e/Pn	Pn	09 01 09.2 -0.3	BUM Brajci-Budva	3.92 298	i/Pn	Pn	09 01 30.8 +1.3	NPS Neapolis	5.52 162	e/Pn	Pn	09 01 51.0 -0.5
TRIZ Trizonia	2.47 208	e/Pn	Pn	09 01 09.2 -0.3	BUM Brajci-Budva	3.92 298	i/Pn	Pn	09 01 30.8 +1.3	NPS Neapolis	5.52 162	e/Pn	Pn	09 01 51.0 -0.5
PTL Penteli	2.51 175	e/Pn	Pn	09 01 09.4 -0.7	IVAS Ivanjica	3.95 321	e/Pn	Pn	09 01 30.1 +0.2	DOPR Dopyia	5.57 19	i/P	Pn	09 01 53.0 +1.6
PTL Penteli	2.51 175	e/Pn	Pn	09 01 09.4 -0.7	IVAS Ivanjica	3.95 321	e/Pn	Pn	09 01 30.1 +0.2	DOPR Dopyia	5.57 19	i/P	Pn	09 01 53.0 +1.6
PTL Penteli	2.51 175	e/Pn	Pn	09 01 09.4 -0.7	IVAS Ivanjica	3.95 321	e/Pn	Pn	09 01 30.1 +0.2	DOPR Dopyia	5.57 19	i/P	Pn	09 01 53.0 +1.6
Loutraki	2.57 191	e/Pn	Pn	09 01 10.1 -0.8	GRUS Gruza	3.95 328	i/Pn	Pn	09 01 29.6 -0.2	BTAS Taskesti	5.66 87	i/P	Pn	09 01 54.7 +1.4
Loutraki	2.57 191	e/Pn	Pn	09 01 10.1 -0.8	GRUS Gruza	3.95 328	i/Pn	Pn	09 01 29.6 -0.2	BTAS Taskesti	5.66 87	i/P	Pn	09 01 54.7 +1.4
Loutraki	2.57 191	e/Pn	Pn	09 01 10.1 -0.8	GRUS Gruza	3.95 328	i/Pn	Pn	09 01 29.6 -0.2	BTAS Taskesti	5.66 87	i/P	Pn	09 01 54.7 +1.4
ATH Athens Observa	2.58 177	e/Pn	Pn	09 01 10.5 -0.5	GRUS Gruza	3.95 328	i/Pn	Pn	09 01 29.6 -0.2	SEYT Eskypehyr	5.68 98	i/P	Pn	09 01 53.0 -0.7
ATH Athens Observa	2.58 177	e/Pn	Pn	09 01 10.5 -0.5	GRUS Gruza	3.95 328	i/Pn	Pn	09 01 29.6 -0.2	SEYT Eskypehyr	5.68 98	i/P	Pn	09 01 53.0 -0.7
ATH Athens Observa	2.58 177	e/Pn	Pn	09 01 10.5 -0.5	GRUS Gruza	3.95 328	i/Pn	Pn	09 01 29.6 -0.2	SEYT Eskypehyr	5.68 98	i/P	Pn	09 01 53.0 -0.7
ATH Athens Observa	2.58 177	e/Pn	Pn	09 01 10.5 -0.5	GRUS Gruza	3.95 328	i/Pn	Pn	09 01 29.6 -0.2	SEYT Eskypehyr	5.68 98	i/P	Pn	09 01 53.0 -0.7
Loutraki	2.60 190	e/Pn	Pn	09 01 10.7 -0.6	GRUS Gruza	3.95 328	i/Pn	Pn	09 01 29.6 -0.2	GVD comp=E,364nm,0.8s	5.72 176	e/Pn	Pn	09 01 55.7 +1.6
Loutraki	2.60 190	e/Pn	Pn	09 01 10.7 -0.6	GRUS Gruza	3.95 328	i/Pn	Pn	09 01 29.6 -0.2	GVD comp=E,364nm,0.8s	5.72 176	e/Pn	Pn	09 01 55.7 +1.6
Loutraki	2.60 190	e/Pn	Pn	09 01 10.7 -0.6	GRUS Gruza	3.95 328	i/Pn	Pn	09 01 29.6 -0.2	GVD comp=E,364nm,0.8s	5.72 176	e/Pn	Pn	09 01 55.7 +1.6
Loutraki	2.60 190	e/Pn	Pn	09 01 10.7 -0.6	GRUS Gruza	3.95 328	i/Pn	Pn	09 01 29.6 -0.2	GVD comp=E,364nm,0.8s	5.72 176	e/Pn	Pn	09 01 55.7 +1.6
KARY Karystos	2.61 165	P	Pn	09 01 10.7 -0.7	GCAM Gzetzicami?	4.03 134	i/P	Pn	09 01 30.2 -0.7	GOLH Golhisar	5.73 123	i/P	Pn	09 01 58.4 +4.0
KARY Karystos	2.61 165	P	Pn	09 01 10.7 -0.7	GCAM Gzetzicami?	4.03 134	i/P	Pn	09 01 30.2 -0.7	GOLH Golhisar	5.73 123	i/P	Pn	09 01 58.4 +4.0
KARY Karystos	2.61 165	P	Pn	09 01 10.7 -0.7	GCAM Gzetzicami?	4.03 134	i/P	Pn	09 01 30.2 -0.7	GOLH Golhisar	5.73 123	i/P	Pn	09 01 58.4 +4.0
KARY Karystos	2.61 165	P	Pn	09 01 10.7 -0.7	GCAM Gzetzicami?	4.03 134	i/P	Pn	09 01 30.2 -0.7	GOLH Golhisar	5.73 123	i/P	Pn	09 01 58.4 +4.0
THAL Thaler	2.61 196	e/Pn	Pn	09 01 11.0 -0.4	ARMT Armutlu	4.03 88	e/Pn	Pn	09 01 32.4 +1.4	KARP Karpathos	5.75 149	e/Pn	Pn	09 01 54.6 +0.1
THAL Thaler	2.61 196	e/Pn	Pn	09 01 11.0 -0.4	ARMT Armutlu	4.03 88	e/Pn	Pn	09 01 32.4 +1.4	KARP Karpathos	5.75 149	e/Pn	Pn	09 01 54.6 +0.1
THAL Thaler	2.61 196	e/Pn	Pn	09 01 11.0 -0.4	ARMT Armutlu	4.03 88	e/Pn	Pn	09 01 32.4 +1.4	KARP Karpathos	5.75 149	e/Pn	Pn	09 01 54.6 +0.1
THAL Thaler	2.61 196	e/Pn	Pn	09 01 11.0 -0.4	ARMT Armutlu	4.03 88	e/Pn	Pn	09 01 32.4 +1.4	KARP Karpathos	5.75 149	e/Pn	Pn	09 01 54.6 +0.1
BARS Barje	2.62 300	i/Pn	Pn	09 01 11.3 -0.2	MDNY Mudanya-Bursa	4.06 91	e/Pn	Pn	09 01 32.4 +1.1	KARP Karpathos	5.75 149	e/Pn	Pn	09 01 54.6 +0.1
BARS Barje	2.62 300	i/Pn	Pn	09 01 11.3 -0.2	MDNY Mudanya-Bursa	4.06 91	e/Pn	Pn	09 01 32.4 +1.1	KARP Karpathos	5.75 149	e/Pn	Pn	09 01 54.6 +0.1
BARS Barje	2.62 300	i/Pn	Pn	09 01 11.3 -0.2	MDNY Mudanya-Bursa	4.06 91	e/Pn	Pn	09 01 32.4 +1.1	KARP Karpathos	5.75 149	e/Pn	Pn	09 01 54.6 +0.1
BARS Barje	2.62 300	i/Pn	Pn	09 01 11.3 -0.2	MDNY Mudanya-Bursa	4.06 91	e/Pn	Pn	09 01 32.4 +1.1	KARP Karpathos	5.75 149	e/Pn	Pn	09 01 54.6 +0.1
LAKA Lakka	2.62 209	e/Pn	Pn	09 01 11.1 -0.4	KUBS Kucevo	4.10 341	e/Pn	Pn	09 01 29.8 -2.1	MDUB Mudurnu	5.81 88	e/Pn	Pn	09 01 57.5 +2.0
LAKA Lakka	2.62 209	e/Pn	Pn	09 01 11.1 -0.4	KUBS Kucevo	4.10 341	e/Pn	Pn	09 01 29.8 -2.1	MDUB Mudurnu	5.81 88	e/Pn	Pn	09 01 57.5 +2.0
LAKA Lakka	2.62 209	e/Pn	Pn	09 01 11.1 -0.4	KUBS Kucevo	4.10 341	e/Pn	Pn	09 01 29.8 -2.1	MDUB Mudurnu	5.81 88	e/Pn	Pn	09 01 57.5 +2.0
LAKA Lakka	2.62 209	e/Pn	Pn	09 01 11.1 -0.4	KUBS Kucevo	4.10 341	e/Pn	Pn	09 01 29.8 -2.1	MDUB Mudurnu	5.81 88	e/Pn	Pn	09 01 57.5 +2.0
PHP Peshkopia	2.62 297	i/Pn	Pn	09 01 13.8 +2.2	NKY Niksic	4.10 305	i/Pn	Pn	09 01 33.8 +1.8	ZKR Zakros	5.82 158	e/Pn	Pn	09 01 56.3 +0.8
PHP Peshkopia	2.62 297	i/Pn	Pn	09 01 13.8 +2.2	NKY Niksic	4.10 305	i/Pn	Pn	09 01 33.8 +1.8	ZKR Zakros	5.82 158	e/Pn	Pn	09 01 56.3 +0.8
PHP Peshkopia	2.62 297	i/Pn	Pn	09 01 13.8 +2.2	NKY Niksic	4.10 305	i/Pn	Pn	09 01 33.8 +1.8	ZKR Zakros	5.82 158	e/Pn	Pn	09 01 56.3 +0.8
PHP Pesh														

Table with columns: TOR, comp, P, P, 09 09, 48.3, -0.8. Includes stations like Borovoye, Karatay Array, Erkin-Say, etc.

Table with columns: LZH, comp, Z, 79nm, 4.5s, LN. Includes stations like Chengdu, Hu-ho-hao-te, Kuning, etc.

Table with columns: DURS, DURS, DURS, 0.61, 240, iP, Pg. Includes stations like Dursunbey, Karacabey (Bur), etc.

ISC/JB 08 09:08:31.3, 0.6, 39.99N, 0.04, -0.90E, 0.03, h9km, 5km, Error ellipse: s-maj=6.4km s-min=4.4km az=2.6

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

CSEM 08 09:08:31.1, 0.4, 55.5N, 23.59E, h23km, MD3.2

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

MEX 08 09:04:04.5, 0.8, 16.03N, 97.52W, h16km, 13km, MD3.6

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Makrakomi, Agios Charalam, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Serrai, Paliouri, Kendrikon, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ALN Alexandroupoli, AXAR Agios Charalam, etc.

CSEM 08 09:10:43.6, 40:52N-23:56E, h23km, MD2.6
ATH 08 09:10:43.7, 40:53N-23:56E, h22km, MD2.6/8,

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SGR SIGRI, GELI Tayfur-Gelibol, etc.

ISCJB 08 09:14:58.7, 40:571N, 0:009-23:58E, 0:01, h8km, 2km,
mb4.3/48, MS3.5/1, Error ellipse: s-maj=1.7km

IDD 08 09:14:58.4, 40:52N-23:50E, h0km, mb4.1/24,
mb1.4/2/35, mb1mx4.2/49, mbtmp4.1/35, ML4.1/10,

BUI 08 09:14:58.7, 40:50N-23:60E, h12km, mb4.7/19, mb4.8/13,
Ms4.7/7, Ms7.4/4/6

NEIC 08 09:14:59.2, 40:55N-23:58E, h23km, mb4.6/19,
ML4.3(ATH), ML4.4(THF), After ATH.

NEIC 08 09:14:59.0, 40:47N-23:61E, h11km, 4km, ML4.6/1
GEO 08 09:14:59.0, 40:53N-23:58E, h14km, 1km, ML3.9/10,

THE 08 09:14:59.8, 40:54N-23:60E, h4km, ML4.4/15, Error
ellipse: s-maj=0.6km s-min=0.3km az=323.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PLG Polygyros, SOH Sokhos, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ALN Alexandroupoli, AXAR Agios Charalam, etc.

DID	Didima	3.05 185 ePn	Pn	09 15 47.8 -1.0	SULR	4.58 25 jP	Pn	09 16 10.1 +0.4	SNR=23	8.91 57 eP	Pn	09 17 18.6 +9.4
DDM	Didima	3.05 185 ePn	Pn	09 15 47.8 -1.0	HRT	4.64 85 ePn	Pb	09 16 16.4 -5.7	SIM	Simferopol		
MRMT	Marmara Adasi	3.06 88 ePn	Pb	09 15 53.5 -1.8	SILT	4.64 81 ePn	Pb	09 16 16.0 +5.4	comp=Z,12m,0.7s		pmax	pmax
MYMA	Marmara Adasi	3.06 88 ePn	Pb	09 15 53.5 -1.8	ADSB	Abdulvahap	4.70 89 ePn	09 16 16.8 +5.3	SIM		MLR	MLR
DIDY	Didyma	3.06 185 ePn	Pn	09 15 48.3 -1.7	MSV	Monastery St. A	4.74 40 jP	09 16 11.4 +0.5	VOJS	Vojsko	8.94 311 ePn	09 17 09.8 +0.2
DIDY	Didyma	3.06 185 ePn	Pn	09 15 48.3 -1.7	MDV	Mudanya	4.78 166 jP	09 16 11.4 +0.5	VOJS	Vojsko	8.94 311 ePn	09 17 09.8 +0.2
PUK	Puka	3.15 299 iPn	Pn	09 15 51.0 +0.9	GDZ	Geziz	4.78 106 jP	09 16 13.3 +0.7	NIE	Niedzica	9.16 347 eP	09 17 13.4 +0.7
PUK	Puka	3.15 299 iPn	Pn	09 15 51.0 +0.9	TARI	Taranto	4.79 272 ePn	09 16 12.4 +0.3	NIE	Niedzica	9.16 347 eP	09 17 13.4 +0.7
PHSR	Pinarhisar	3.17 69 ePn	Pb	09 15 55.5 -1.6	MTUR	Matau	4.80 13 jP	09 16 13.6 +0.7	CONA	Conrad Observa	9.22 326 jPn	09 17 13.4 -0.1
PHSR	Pinarhisar	3.17 69 ePn	Pb	09 15 55.5 -1.6	GZR	Gura Zlata	4.88 353 jP	09 16 12.7 -1.2	CONA	Conrad Observa	9.22 326 Pn	09 17 13.4 -0.1
KRND	KRANIDI	3.18 186 ePn	Pn	09 15 49.7 -0.8	LOT	Lotru	4.80 30 jP	09 16 13.7 -0.5	MYKA	Terra Mystica	9.42 313 jPn	09 17 17.0 +0.7
KRND	KRANIDI	3.18 186 ePn	Pn	09 15 49.7 -0.8	AMRR	Amrara	4.82 33 jP	09 16 13.9 +0.7	MYKA	Terra Mystica	9.42 313 Pn	09 17 17.0 +0.7
URLA	Izmir	3.20 132 iP	Pn	09 15 50.3 -0.6	MANR	Mangalia	4.95 47 jP	09 16 18.3 +3.5	KBA	Koelnbreinsper	9.86 315 jPn	09 17 23.5 +1.2
URLA	Izmir	3.20 132 iP	Pn	09 15 50.3 -0.6	TEKS	Tekeris	4.99 325 iPn	09 16 15.1 -0.3	KBA	Koelnbreinsper	9.86 315 Pn	09 17 23.5 +1.2
BALY	Balya	3.20 103 iP	Pn	09 15 50.1 -0.8	TEKS	Tekeris	4.99 325 iPn	09 16 15.1 -0.3	MOA	Molln	9.89 321 jPn	09 17 23.3 +0.7
BALY	Balya	3.20 103 iP	Pn	09 15 50.1 -0.8	CGD	Cernavoda	5.00 40 jP	09 16 19.3 +3.8	MOA	Molln	9.89 321 Pn	09 17 23.3 +0.7
SELS	Selova	3.24 326 jPn	Pn	09 15 29.3 -0.4	PVR	Pogoneale	5.03 29 jP	09 16 18.7 +0.8	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
SELS	Selova	3.24 326 jPn	Pn	09 15 29.3 -0.4	ISR	Istrita	5.06 25 jP	09 16 17.5 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
PEJK	Peje	3.24 311 P	Pn	09 15 52.2 +0.8	KHAL	Karahalli	5.07 114 iP	09 16 17.3 +0.7	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
KFL	Anninata	3.26 222 ePb	Pn	09 15 53.1 +1.5	KHAL	Karahalli	5.07 114 iP	09 16 17.3 +0.7	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
KFL	Anninata	3.26 222 ePb	Pn	09 15 53.1 +1.5	BAI	Bar	5.07 278 ePn	09 16 16.6 -0.4	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
EDC	Edinick	3.28 92 ePn	Pb	09 15 56.0 -2.9	DNZL	Cakroluk	5.12 122 iP	09 16 13.6 -3.8	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
EDC	Edinick	3.28 92 ePn	Pb	09 15 56.0 -2.9	DNZL	Cakroluk	5.12 122 iP	09 16 13.6 -3.8	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
VLX	Vlachokerasia	3.31 197 ePn	Pn	09 15 52.4 0.0	EFOR	Eforie	5.15 45 jPn	09 16 20.3 +2.8	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
VLX	Vlachokerasia	3.31 197 ePn	Pn	09 15 52.4 0.0	MLR	Muntele Rosu	5.24 19 iPn	09 16 19.9 +1.0	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
VLS	Valsamata	3.31 225 ePn	Pn	09 15 53.2 +0.9	MLR	comp=N,3.5mm,0.3s,baz=232,slow=4.5,SNR=15g		09 17 47.6	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
VLS	Valsamata	3.31 225 ePn	Pn	09 15 53.2 +0.9	MLR	comp=N,2.5mm,0.3s,baz=96,slow=19,SNR=12		09 18 42.9	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
BNT	Bandirma	3.32 92 ePn	Pb	09 15 56.1 -3.5	MLR	comp=N,268mm,21.8s,baz=213,slow=42		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
BNT	Bandirma	3.32 92 ePn	Pb	09 15 56.1 -3.5	MLR	comp=N,12mm,0.3s,baz=343,slow=8.0,SNR=57		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
AMT	Artemida-Makis	3.34 206 ePb	Pn	09 15 54.2 +1.4	MLR	comp=N,268mm,21.8s,baz=213,slow=42		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
AMT	Artemida-Makis	3.34 206 ePb	Pn	09 15 54.2 +1.4	MLR	comp=N,12mm,0.3s,baz=343,slow=8.0,SNR=57		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
PVY	Plav	3.40 308 jPn	Pn	09 15 54.4 +0.8	MLR	comp=N,268mm,21.8s,baz=213,slow=42		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
PVY	Plav	3.40 308 jPn	Pn	09 15 54.4 +0.8	MLR	comp=N,12mm,0.3s,baz=343,slow=8.0,SNR=57		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
BLCB	Balcova	3.45 128 ePn	Pn	09 15 55.1 +0.9	MLR	comp=N,268mm,21.8s,baz=213,slow=42		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
BLCB	Balcova	3.45 128 ePn	Pn	09 15 55.1 +0.9	MLR	comp=N,12mm,0.3s,baz=343,slow=8.0,SNR=57		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
SERI	Serifos	3.46 168 ePn	Pn	09 15 53.3 -1.1	MLR	comp=N,268mm,21.8s,baz=213,slow=42		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
SERI	Serifos	3.46 168 ePn	Pn	09 15 53.3 -1.1	MLR	comp=N,12mm,0.3s,baz=343,slow=8.0,SNR=57		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
BOLS	Boljevac	3.49 340 ePn	Pn	09 15 52.7 -2.1	MLR	comp=N,268mm,21.8s,baz=213,slow=42		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
BOLS	Boljevac	3.49 340 ePn	Pn	09 15 52.7 -2.1	MLR	comp=N,12mm,0.3s,baz=343,slow=8.0,SNR=57		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
BOLS	Boljevac	3.49 340 ePn	Pn	09 15 52.7 -2.1	MLR	comp=N,268mm,21.8s,baz=213,slow=42		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
BOLS	Boljevac	3.49 340 ePn	Pn	09 15 52.7 -2.1	MLR	comp=N,12mm,0.3s,baz=343,slow=8.0,SNR=57		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
ULC	Ulcinj	3.56 295 jPn	Pn	09 15 56.8 +1.2	MLR	comp=N,268mm,21.8s,baz=213,slow=42		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
ULC	Ulcinj	3.56 295 jPn	Pn	09 15 56.8 +1.2	MLR	comp=N,12mm,0.3s,baz=343,slow=8.0,SNR=57		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
ULC	Ulcinj	3.56 295 jPn	Pn	09 15 56.8 +1.2	MLR	comp=N,268mm,21.8s,baz=213,slow=42		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
ULC	Ulcinj	3.56 295 jPn	Pn	09 15 56.8 +1.2	MLR	comp=N,12mm,0.3s,baz=343,slow=8.0,SNR=57		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
BEY	Berane	3.60 311 jPn	Pn	09 15 56.6 +0.2	MLR	comp=N,268mm,21.8s,baz=213,slow=42		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
BEY	Berane	3.60 311 jPn	Pn	09 15 56.6 +0.2	MLR	comp=N,12mm,0.3s,baz=343,slow=8.0,SNR=57		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
BEY	Berane	3.60 311 jPn	Pn	09 15 56.6 +0.2	MLR	comp=N,268mm,21.8s,baz=213,slow=42		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
BEY	Berane	3.60 311 jPn	Pn	09 15 56.6 +0.2	MLR	comp=N,12mm,0.3s,baz=343,slow=8.0,SNR=57		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
IVA	Berane	3.60 311 jPn	Pn	09 15 57.4 +1.0	MLR	comp=N,268mm,21.8s,baz=213,slow=42		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
IVA	Berane	3.60 311 jPn	Pn	09 15 57.4 +1.0	MLR	comp=N,12mm,0.3s,baz=343,slow=8.0,SNR=57		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
ITM	Ithomi	3.60 201 ePn	Pn	09 15 57.4 +1.0	MLR	comp=N,268mm,21.8s,baz=213,slow=42		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
ITM	Ithomi	3.60 201 ePn	Pn	09 15 57.4 +1.0	MLR	comp=N,12mm,0.3s,baz=343,slow=8.0,SNR=57		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
KCTX	Karacabey (Bur	3.66 93 ePn	Pn	09 16 01.1 +3.9	MLR	comp=N,268mm,21.8s,baz=213,slow=42		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
KCTX	Karacabey (Bur	3.66 93 ePn	Pn	09 16 01.1 +3.9	MLR	comp=N,12mm,0.3s,baz=343,slow=8.0,SNR=57		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
KCTX	Karacabey (Bur	3.66 93 ePn	Pn	09 16 01.1 +3.9	MLR	comp=N,268mm,21.8s,baz=213,slow=42		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
KCTX	Karacabey (Bur	3.66 93 ePn	Pn	09 16 01.1 +3.9	MLR	comp=N,12mm,0.3s,baz=343,slow=8.0,SNR=57		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
AKS	Akhisar	3.67 116 ePn	Pn	09 15 58.3 +1.0	MLR	comp=N,268mm,21.8s,baz=213,slow=42		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
AKS	Akhisar	3.67 116 ePn	Pn	09 15 58.3 +1.0	MLR	comp=N,12mm,0.3s,baz=343,slow=8.0,SNR=57		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
AKS	Akhisar	3.67 116 ePn	Pn	09 15 58.3 +1.0	MLR	comp=N,268mm,21.8s,baz=213,slow=42		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
AKS	Akhisar	3.67 116 ePn	Pn	09 15 58.3 +1.0	MLR	comp=N,12mm,0.3s,baz=343,slow=8.0,SNR=57		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
CTYL	Yal??k??y-??at	3.69 74 ePn	Pn	09 16 04.2 -1.6	MLR	comp=N,268mm,21.8s,baz=213,slow=42		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
CTYL	Yal??k??y-??at	3.69 74 ePn	Pn	09 16 04.2 -1.6	MLR	comp=N,12mm,0.3s,baz=343,slow=8.0,SNR=57		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
DRME	Dracevica, Mon	3.69 298 jPn	Pn	09 16 01.9 +3.9	MLR	comp=N,268mm,21.8s,baz=213,slow=42		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
DRME	Dracevica, Mon	3.69 298 jPn	Pn	09 16 01.9 +3.9	MLR	comp=N,12mm,0.3s,baz=343,slow=8.0,SNR=57		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
DRME	Dracevica, Mon	3.69 298 jPn	Pn	09 16 01.9 +3.9	MLR	comp=N,268mm,21.8s,baz=213,slow=42		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
DRME	Dracevica, Mon	3.69 298 jPn	Pn	09 16 01.9 +3.9	MLR	comp=N,12mm,0.3s,baz=343,slow=8.0,SNR=57		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
PDG	Podgorica	3.75 301 jPn	Pn	09 16 02.0 +1.9	MLR	comp=N,268mm,21.8s,baz=213,slow=42		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
PDG	Podgorica	3.75 301 jPn	Pn	09 16 02.0 +1.9	MLR	comp=N,12mm,0.3s,baz=343,slow=8.0,SNR=57		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
PDG	Podgorica	3.75 301 jPn	Pn	09 16 02.0 +1.9	MLR	comp=N,268mm,21.8s,baz=213,slow=42		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
PDG	Podgorica	3.75 301 jPn	Pn	09 16 02.0 +1.9	MLR	comp=N,12mm,0.3s,baz=343,slow=8.0,SNR=57		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
TTG	Trajkovica	3.75 301 jPn	Pn	09 16 02.0 +1.9	MLR	comp=N,268mm,21.8s,baz=213,slow=42		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
TTG	Trajkovica	3.75 301 jPn	Pn	09 16 02.0 +1.9	MLR	comp=N,12mm,0.3s,baz=343,slow=8.0,SNR=57		09 18 20.0 +1.1	VRAC	Vranov	10.05 333 Pn	09 17 24.0 -0.8
CRAR	CRAIOVA	3.78 21 jP	Pn	09 15 59.2 +0.5	MLR							

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like TUE, MMAIL, KEST, KESR, BRG, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like MOS, MAK, VASU, HFS, FINES, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like MK31, MKAR, MKAR, DBIC, etc.

DDA 08 09:15:01.7, 37°08N-28°45E, h7km, ML2.7
CSEM 08 09:15:01.7, 37°08N-28°45E, h7km, ML2.7
ISC 08 09:15:01.3±1.3, 37.04N-0.04-28.46E: 0.42, h2km±12km, n10, 095320, Turkey

8d 10h

2010 AUG

NSH2	comp=Z,200nm,13.0s	LE			
CN2	comp=Z,200nm,13.0s	LZ			
HIA	comp=Z,200nm,15.0s				
HIA	Hailar	35.23 290 eP	P	10 29 53.9 -0.4	
HIA	comp=Z,22nm,1.1s				
HIA	Hailar	35.23 290 eP	P	10 29 53.9 -0.4	
BOD	comp=Z,22nm,1.1s				
BOD	Bodaibo	35.54 306 i/P	P	10 29 55.7 -1.1	
BOD	comp=Z,41nm,1.2s				
KSR5	Korea Array	36.10 267 P	P	10 30 02.4 +0.6	
KSR5	comp=Z,3.2nm,0.9s,baz=57,slow=8.2,SNR=13	PcP	P	10 32 25.8 -1.7	
KSR5	Korea Array	36.10 267 P	P	10 30 02.4 +0.6	
KSR5	comp=Z,1.2nm,0.9s,baz=20,slow=2.5,SNR=3.1	P	P	10 32 25.8	
KSR5	comp=Z,3.0nm,0.9s				
KSR5	comp=Z,1.0nm,1.0s				
KSAR	Wonju Array Be	36.13 267 P	P	10 30 02.4 +0.3	
KSAR	Wonju Array Be	36.13 267 P	P	10 30 02.4 +0.3	
KSAR	comp=Z,39nm,1.1s				
TJN	Taejon	37.11 266i eP	P	10 30 11.5 +1.1	
YKA	Yellowknife Ar	38.23 45 P	P	10 30 20.3 +0.7	
NLWA	Neilton Lookou	38.84 71 eP	P	10 30 26.1 +1.1	
A05A	Maple Falls	39.16 67 eP	P	10 30 28.4 +0.9	
E03A	Lebam	39.43 72 eP	P	10 30 31.9 +2.0	
B06A	Marblemount	39.73 68 eP	P	10 30 32.9 +0.6	
F03A	Seaside	39.73 72 eP	P	10 30 34.8 +2.4	
D05A	Enumclaw	40.06 70 eP	P	10 30 37.5 +2.4	
G03D	McMinnville, O	40.27 73 P	P	10 30 38.4 +1.5	
LRN	Longmire	40.38 70 eP	P	10 30 39.5 +1.6	
LON	comp=Z,10.0nm,0.9s				
LON	Longmire	40.38 70 eP	P	10 30 39.5 +1.6	
F04A	Amboy	40.42 72 eP	P	10 30 39.6 +1.5	
LT4	Liberty	40.82 69 eP	P	10 30 41.8 +0.4	
KEBM	Edson Butte	40.84 77 eP	P	10 30 43.3 +1.6	
I03D	Drain, OR	41.01 75 P	P	10 30 43.8 +0.8	
B08A	Colville Reser	41.07 67 eP	P	10 30 43.9 +0.4	
H04A	Detroit Lake	41.20 73 P	P	10 30 46.3 +1.7	
G05D	Wamic, OR	41.44 72 P	P	10 30 46.8 +0.2	
I04A	Tendick Farm,	41.53 75 P	P	10 30 47.7 +0.3	
E07A	Sunnyside	41.65 70 eP	P	10 30 50.1 +1.9	
L02D	Cave Junction,	41.68 77 P	P	10 30 49.5 +0.9	
RES	Resolute Bay	41.80 23 eP	P	10 30 51.0 +1.9	
RES	comp=Z,81nm,1.2s				
RES	Resolute Bay	41.80 23 eP	P	10 30 51.0 +1.9	
HUMO	Hull Mountain	41.84 76 eP	P	10 30 51.8 +1.9	
G06A	Carlson Farm,	41.86 72 eP	P	10 30 50.9 +0.9	
I05D	Terrebonne, OR	41.90 73 P	P	10 30 50.3 -0.1	
HAWA	Hanford	41.92 70 eP	P	10 30 51.0 +0.6	
D08A	Wollman Farm,	41.95 68 eP	P	10 30 50.5 -0.2	
C09A	Chrisman Ranch	41.96 67 eP	P	10 30 50.9 +0.1	
J04D	Umpqua Nationa	42.02 75 P	P	10 30 51.1 -0.3	
BJI	Beijing	42.03 279 P	S	10 30 51.5 +0.1	
BJI	comp=Z,14nm,1.2s				
BJI	comp=Z,300nm,20.3s				
BJI	comp=Z,150nm,18.4s				
BJI	comp=Z,130nm,27.1s				
EDM	Edmonton	42.20 58 eP	P	10 30 52.9 +0.3	
EDM	comp=Z,77nm,0.8s				
EDM	Edmonton	42.20 58 eP	P	10 30 52.9 +0.3	
NEW	Newport	42.41 66 eP	P	10 30 54.4 0.0	
NEW	comp=Z,54nm,1.1s				
NEW	Newport	42.41 66 eP	P	10 30 54.1 -0.4	
NEW	comp=Z,54nm,1.1s				
NEW	Newport	42.41 66 eP	P	10 30 54.4 0.0	
YBH	Yreka Blue Hor	42.47 77 eP	P	10 30 57.4 +2.3	
YBH	comp=Z,15nm,1.0s				
YBH	Yreka Blue Hor	42.47 77 eP	P	10 30 57.4 +2.3	
J05D	Fort Rock, OR	42.53 75 P	P	10 30 53.9 -1.7	
K04D	Chiloquin, OR	42.57 76 P	P	10 30 55.8 -0.1	
M02C	Callahan	42.57 78 P	P	10 30 56.5 +0.6	
IRK	Irkutsk	42.81 301 eP	P	10 30 56.3 -1.3	
G08A	comp=Z,49nm,1.8s				
G08A	Pilot Rock, OR	42.84 71 eP	P	10 30 58.9 +0.8	
N02D	Trinity Center	42.90 78 P	P	10 30 59.0 +0.5	
M04C	Macdoel	42.98 77 P	P	10 30 59.3 0.0	
K05A	Summer Lake	43.04 75 eP	P	10 31 00.9 +1.1	
ULN	Ulaanbaatar	43.36 294 eP	P	10 31 02.7 +0.4	
ULN	comp=Z,26nm,1.3s				
ULN	Ulaanbaatar	43.36 294 eP	P	10 31 02.7 +0.4	
TLY	Talaya	43.41 301 eP	P	10 31 03.1 +0.6	
TLY	comp=Z,18nm,1.0s,baz=7.6,SNR=12				
TLY	Talaya	43.41 301 eP	P	10 31 03.0 +0.5	
TLY	comp=Z,40nm,1.3s				
TLY	comp=Z,187nm,15.0s				
TLY	Talaya	43.41 301 P	P	10 31 03.1 +0.6	
TLY	Talaya	43.41 301 eP	P	10 31 03.5 +1.0	
TIA	Tai'an	43.72 274 i/P	P	10 31 05.3 +0.2	
S0NM	Songino Array	43.76 294 P	P	10 31 06.0 +0.6	
S0NM	comp=Z,141nm,18.2s,baz=56,slow=99	LR		10 51 35.1	
WALA	Waterton Lakes	43.86 63 eP	P	10 31 06.3 0.0	
MOD	Modoc	43.87 76 eP	P	10 31 06.6 +0.2	
ALE	Alert	43.89 9 P	P	10 31 07.0 +1.1	
BSMT	Bassoo Peak	43.97 65 eP	P	10 31 07.6 +0.4	
BLMT	Blacktail Moun	44.13 65 eP	P	10 31 08.7 +0.1	
ZAK	Zakamensk	44.24 299 i/P	P	10 31 09.7 +0.4	

JTMT	comp=Z,30nm,1.4s				
JTMT	Jette	44.31 65 eP	P	10 31 09.9 -0.1	
NSHM	Saint Helena R	44.40 81 eP	P	10 31 10.6 +0.1	
YBMT	Yellow Bay	44.41 65 eP	P	10 31 11.2 +0.5	
HHC	Hu-ho-hao-tee	44.45 283 eP	P	10 31 11.0 0.0	
HHC	comp=Z,21nm,1.2s				
HHC	HHC	44.45 283 eP	P	10 37 44.1 -1.3	
HHC	comp=Z,21nm,1.2s				
HHC	HHC	44.45 283 eP	P	10 40 54.1 -1.0	
HHC	comp=Z,160nm,5.5s				
HHC	HHC	44.45 283 eP	P	10 32 25.8 -1.7	
HHC	comp=Z,240nm,13.9s				
HHC	HHC	44.45 283 eP	P	10 30 02.4 +0.6	
WVOR	Wild Horse Val	44.59 74 eP	P	10 31 12.3 +0.1	
WVOR	comp=Z,9.0nm,0.8s				
WVOR	Wild Horse Val	44.59 74 eP	P	10 31 12.3 +0.1	
WVOR	comp=Z,9.0nm,0.8s				
SWMT	Swartz Lake	44.60 65 eP	P	10 31 12.2 0.0	
OCHM	Onondaga Hill	44.62 79 eP	P	10 31 13.1 +0.9	
MOY	Moody	44.62 302 eP	P	10 31 15.1 +0.9	
MSO	Missoula	44.99 66 P	P	10 31 15.1 -0.3	
MSO	comp=Z,46nm,3.0s				
MSO	Missoula	44.99 66 eP	P	10 31 14.9 -0.4	
MSO	comp=Z,99nm,1.6s				
SLMT	Seelye Lake	45.03 65 eP	P	10 31 15.2 -0.5	
NJ2	Nanjing	45.28 268 eP	PMZ	10 31 19.2 +1.6	
CHMT	Chamberlain Mo	45.35 66 eP	P	10 31 17.8 -0.5	
BTO	Batouli	45.54 284 eP	P	10 31 19.8 +0.1	
MFID	Camas Ranch	45.74 71 eP	P	10 31 22.2 +0.9	
CMB	Columbia Colle	46.08 80 eP	P	10 31 25.3 +1.3	
CMB	comp=Z,14nm,1.2s				
CMB	Columbia Colle	46.08 80 eP	P	10 31 25.3 +1.3	
HRY	Holler Researc	46.28 65 eP	P	10 31 25.5 0.0	
WAKR	Walker	46.39 79 eP	P	10 31 27.8 +1.2	
LRM	Limekiln Ridge	46.41 67 eP	P	10 31 25.9 -0.7	
HLID	Hailey	46.51 70 P	P	10 31 27.2 -0.2	
HLID	Hailey	46.51 70 eP	P	10 31 27.4 0.0	
DLMT	Dillon	46.58 67 eP	P	10 31 28.5 +0.6	
BMN	Battle Mountai	46.61 75 eP	P	10 31 29.3 +1.0	
BMN	comp=Z,11nm,1.1s				
BMN	Battle Mountai	46.61 75 eP	P	10 31 29.3 +1.0	
BMN	comp=Z,12nm,1.1s				
MCMT	McKenzie Canyo	46.73 68 eP	P	10 31 28.9 -0.3	
EGMT	Eagleton	46.76 63 eP	P	10 31 28.8 -0.4	
EGMT	comp=Z,30nm,0.9s				
EGMT	Eagleton	46.76 63 eP	P	10 31 29.1 -0.1	
BOZ	Bozeman (W)	46.98 66 eP	P	10 31 30.8 -0.3	
BOZ	comp=Z,14nm,0.6s				
BOZ	Bozeman (W)	46.98 66 eP	P	10 31 30.9 -0.3	
BOZ	comp=Z,14nm,0.6s				
BOZ	Bozeman (W)	46.98 66 eP	P	10 31 30.8 -0.3	
NVAR	Nina Array Bea	47.14 78 P	P	10 31 32.8 +0.3	
NVAR	comp=Z,2.1nm,0.7s,baz=295,slow=7.9,SNR=18	PcP	P	10 33 03.8 -0.2	
MLAC	Mammoth Lakes	47.30 80 P	P	10 31 34.2 +0.4	
FFC	Flin Flon	47.37 51 eP	P	10 31 33.9 +0.1	
FFC	comp=Z,23nm,1.3s				
FFC	Flin Flon	47.37 51 eP	P	10 31 33.9 +0.1	
FFC	comp=Z,23nm,1.3s				
QLMT	Earthquake Lak	47.56 67 eP	P	10 31 35.6 0.0	
ELK	Elko	47.64 74 eP	P	10 31 37.5 +1.1	
ELK	comp=Z,5.0nm,0.8s				
ELK	Elko	47.64 74 eP	P	10 31 37.5 +1.1	
ELK	comp=Z,4.7nm,0.8s				
PTRM	Twisselman Ran	47.67 83 eP	P	10 31 36.1 -0.3	
YMC	Maple Creek	47.85 67 eP	P	10 31 37.9 0.0	
RCTC	Rector, Farmer	47.87 81 P	P	10 31 38.1 +0.3	
YMR	Madison River	47.92 67 eP	P	10 31 38.3 -0.2	
TPH	Tonopah	48.03 78 eP	P	10 31 39.4 0.0	
TPH	comp=Z,12nm,1.0s				
TPH	Tonopah	48.03 78 eP	P	10 31 39.4 0.0	
TPH	comp=Z,12nm,1.0s				
GCMT	Greycliff	48.04 65 eP	P	10 31 39.6 +0.4	
YNR	Nor Junctio	48.06 67 eP	P	10 31 39.1 -0.5	
YFT	Old Faithful	48.12 67 eP	P	10 31 42.0 +1.9	
YES	Vestal Richgr	48.26 82 eP	P	10 31 40.2 -0.7	
H17A	Grant Village	48.31 67 P	P	10 31 41.3 -0.2	
H17A	Grant Village	48.31 67 eP	P	10 31 42.3 +0.8	
LKWY	Lake	48.31 67 eP	P	10 31 42.4 +0.8	
LKWY	comp=Z,15nm,1.0s				
LKWY	Lake	48.31 67 eP	P	10 31 42.4 +0.8	
LKWY	comp=Z,15nm,1.0s				
IMW	Indian Meadow	48.38 68 eP	P	10 31 42.6 +0.5	
PKM	Peak Mountain	48.40 83 P	P	10 31 42.8 +0.6	
FLWY	Flagg Ranch	48.41 68 eP	P	10 31 43.1 +0.8	
FXWY	Fox Creek	48.48 68 eP	P	10 31 44.0 +1.2	
TATO	Taipel	48.52 259 eP	P	10 31 43.2 +0.1	
HVU	Hansel Valley	48.53 71 eP	P	10 31 44.0 +0.9	
HVU	comp=Z,8.0nm,0.8s				
HVU	Hansel Valley	48.53 71 eP	P	10 31 44.0 +0.9	
HVU	comp=Z,7.7nm,0.8s				
MOOW	Moose Ponds	48.58 68 eP	P	10 31 43.9 +0.3	
TPAW	Teton Pass	48.61 68 eP	P	10 31 44.3 +0.5	
RLMT	Red Lodge	48.65 66 P	P	10 31 44.3 +0.2	
RLMT	Red Lodge	48.65 66 eP	P	10 31 44.1 -0.1	
SNOW	Snow King Moun	48.74 68 eP	P	10 31 45.7 +0.9	
LOHW	Long Hollow	48.74 68 eP	P	10 31 44.7 -0.1	
REDW	Red Top Meadow	48.74 68 eP	P	10 31 46.0 +1.2	
ISA	Isabella	48.76 81 eP	P	10 31 45.2 +0.4	
ISA	comp=Z,12nm,1.3s				
ISA	Isabella	48.76 81 P	P	10 31 44.5 -0.3	
ISA	Isabella	48.76 81 eP	P	10 31 45.2 +0.4	
R11A	Troy Canyon, C	48.88 77 P	P	10 31 45.2 -0.7	
B11A	Troy Canyon, C	48.88 77 eP	P	10 31 45.8 -0.1	
RGU	Big Grassy Moun	48.88 72 eP	P	10 31 46.5 +0.7	
F20A	Billings	48.91 64 P	P	10 31 45.4 -0.5	
DAC	Darwin (Calif)	48.92 80 eP	P	10 31 46.9 +0.7	
DAC	comp=Z,7.0nm,1.2s				
DAC	Darwin (Calif)	48.92 80 eP	P	10 31 46.9 +0.7	
DAC	comp=Z,6.8nm,1.2s				
FCC	Fort Churchill	48.94 44 eP	P	10 31 47.3 +1.5	

FCC	Fort Churchill	48.94 44 eP	P	10 31 47.3 +1.5	
AHID	Auburn 131nm,1.4s	48.95 69 eP	P	10 31 47.4 +1.0	
H19A	comp=Z,14				

H24A	baz=51 Dirks Ranch, A	51.58	64	P	P	10 32 05.3	-0.9
B28A	baz=51 Dugan Ranch, T	51.69	58	P	P	10 32 06.0	-0.9
K22A	baz=52 Casper	51.71	67	P	P	10 32 06.3	-1.0
K22A	baz=52 Casper	51.71	67	eP	P	10 32 07.0	-0.3
E26A	comp=Z,22nm,1.1s Carlson Angus	51.72	61	P	P	10 32 06.5	-0.7
IRM	baz=52 Iron Mountain	51.81	81	P	P	10 32 07.6	-0.4
BAR	baz=52 Barrett	51.82	83	eP	P	10 32 08.0	0.0
MONP	comp=Z,8.9nm,1.1s Monument Peak	51.84	83	P	P	10 32 07.7	-0.7
ZALV	baz=50 Zalesovo Beam	51.89	311	P	P	10 32 07.2	-0.9
ZALV	comp=Z,3.5nm,0.8s, baz=53, slow=6.8, SNR=12			PcP	PcP	10 33 20.1	-0.6
ZALV	comp=Z,1.6nm,0.7s, baz=37, slow=3.6, SNR=3.6			LR	LR	10 56 00.4	
BC3	comp=Z,89nm,18.2s, baz=70, slow=3.8			LR	LR	10 32 08.7	-0.4
BC3	baz=52 Big Chuckwall	51.95	81	P	P	10 32 08.7	-0.4
G25A	baz=52 Newell	51.96	62	P	P	10 32 07.7	-1.3
F26A	baz=52 Lodgepole	51.98	61	P	P	10 32 08.7	-0.4
A29A	baz=52 Manning Farm,	52.02	56	P	P	10 32 08.8	-0.4
I24A	baz=52 Kuemerle Ranc	52.08	64	P	P	10 32 09.6	-0.3
NVS	baz=52 Novosibirsk	52.11	313	iP	P	10 32 09.0	-0.8
NVS	comp=Z,110nm,1.9s			pmax	pmax		
NVS	comp=N,31nm,1.5s			pmax	pmax		
NVS	comp=E,58nm,1.8s			pmax	pmax		
LZH	baz=52 Lanzhou	52.14	283	eP	P	10 32 11.3	+0.8
LZH	baz=52			pP	pP	10 32 14.6	-0.4
LZH	baz=52			sP	sP	10 32 17.3	+0.6
LZH	baz=52			PP	PP	10 34 05.3	-3.3
LZH	comp=E,73nm,1.2s			PMZ			
LZH	comp=E,190nm,4.7s			LN			
LZH	comp=E,560nm,13.9s			LE			
LZH	comp=E,610nm,14.7s			LZ			
K23A	comp=E,790nm,15.4s Bowen Ranch, D	52.17	66	P	P	10 32 09.9	-0.8
H25A	baz=52 Fruitdale	52.20	63	P	P	10 32 10.1	-0.6
B29A	baz=52 Wageman Farm,	52.22	57	P	P	10 32 10.3	-0.5
E27A	baz=52 Carson	52.25	60	P	P	10 32 10.4	-0.6
O20A	baz=52 White River Ci	52.25	70	eP	P	10 32 11.2	-0.1
O20A	comp=E,11nm,0.8s						
RSSD	baz=52 Black Hills	52.26	64	eP	P	10 32 11.1	-0.2
RSSD	comp=Z,36nm,1.6s			pmax	pmax		
RSSD	comp=Z,36nm,1.6s						
F27A	baz=52 Lemmon	52.33	61	P	P	10 32 11.4	-0.3
D28A	baz=52 Regan	52.33	59	P	P	10 32 11.2	-0.4
PDMCi	baz=52 Parker Dam,Lak	52.35	80	P	P	10 32 11.9	0.0
G26A	baz=52 Maurine	52.36	62	P	P	10 32 11.4	-0.5
J24A	baz=52 Dixon Ranch, L	52.38	65	P	P	10 32 11.4	-0.8
ENH	baz=52 Enshi	52.43	274	eP	P	10 32 12.1	-0.5
MDND	comp=Z,7.8nm,1.0s						
MDND	baz=52 Maddock	52.46	58	P	P	10 32 12.4	-0.1
MDND	comp=Z,123nm,1.1s						
Y12C	baz=52 Blythe	52.47	81	P	P	10 32 12.9	+0.1
DAG	baz=52 Danmarks Havn	52.48	4	iP	P	10 32 12.2	-0.1
DAG	comp=Z,9.0nm,0.8s						
DAG	comp=Z,9.0nm,0.8s						
GTA	comp=Z,7.0nm,0.8s						
GTA	baz=52 Goatai	52.49	289	iP	P	10 32 13.4	+0.3
GTA	baz=52			pP	pP	10 32 17.8	+0.3
GTA	baz=52			sP	sP	10 32 20.4	+1.2
GTA	baz=52			PcP	PcP	10 33 26.2	+2.7
GTA	baz=52			S	S	10 39 40.0	+0.9
GTA	baz=52			sS	sS	10 39 47.6	+1.2
GTA	comp=Z,24nm,1.5s			PMZ			
GTA	comp=Z,140nm,5.1s			PMZ			
GTA	comp=Z,220nm,14.3s			LN			
GTA	comp=Z,160nm,14.2s			LE			
GTA	comp=Z,270nm,17.1s			LZ			
A30A	baz=52 Hoffart Farm,	52.50	56	P	P	10 32 12.5	-0.3
E28A	baz=52 Huff	52.64	60	P	P	10 32 13.4	-0.5
H26A	baz=52 Fairpoint	52.67	63	P	P	10 32 13.5	-0.8
G27A	baz=52 Dupree	52.68	61	P	P	10 32 14.0	-0.3
GLA	baz=52 Glamis	52.74	81	eP	P	10 32 14.3	-0.6
GLA	comp=Z,8.0nm,0.9s			pmax	pmax		
GLA	baz=53 Glamis	52.74	81	P	P	10 32 14.7	-0.1
GLA	baz=53 Glamis	52.74	81	eP	P	10 32 14.3	-0.6
PV09	comp=Z,8.2nm,0.9s Paradox Valley	52.74	72	eP	P	10 32 15.7	+0.6
B30A	baz=53 Myrvik Farm, E	52.78	57	P	P	10 32 14.9	0.0
J25A	baz=53 Sunshine Ranch	52.84	64	P	P	10 32 14.7	-0.8
PV10	baz=53 Paradox Valley	52.88	72	eP	P	10 32 16.3	+0.2
D29A	baz=53 Petitbone, Tap	52.94	59	P	P	10 32 15.8	-0.4
PV04	baz=53 Paradox Valley	52.95	72	eP	P	10 32 16.4	-0.1
ULM	baz=53 Lac du Bonnet	52.97	54	P	P	10 32 15.8	-0.4
ULM	comp=Z,6.6nm,0.5s, baz=302, slow=7.9, SNR=7.6						
ULM	comp=Z,180nm,18.7s, baz=316, slow=37			LR	LR	10 55 48.5	
ULM	comp=Z,180nm,18.7s, baz=316, slow=37			LR	LR	10 32 16.3	+0.1
ULM	comp=Z,50nm,1.6s			pmax	pmax		
ULM	comp=Z,50nm,1.6s						
ULM	comp=Z,50nm,1.6s						
I26A	comp=Z,50nm,1.6s New Underwood	52.98	63	P	P	10 32 16.2	-0.4
F28A	baz=53 McLaughlin	53.02	60	P	P	10 32 16.4	-0.4
PV05	baz=53 Paradox Valley	53.03	73	eP	P	10 32 17.5	+0.3
H27A	baz=53 Hoves	53.05	62	P	P	10 32 16.7	-0.4
N23A	baz=53 Red Feather La	53.14	68	P	P	10 32 17.6	-0.4
N23A	comp=Z,184nm,2.7s Red Feather La	53.14	68	eP	P	10 32 19.3	+1.3
C30A	baz=53 Mose, Pekin	53.15	57	P	P	10 32 17.4	-0.3
E29A	baz=53 Napoleon	53.22	59	P	P	10 32 18.0	-0.1
K25A	baz=53 Mack Ranch, Ha	53.28	65	P	P	10 32 17.8	-1.1
WUJAZ	baz=53 Wupatki	53.28	77	P	P	10 32 18.6	-0.4
WUJAZ	baz=53						
PV01	comp=Z,14nm,1.0s Paradox Valley	53.31	72	eP	P	10 32 18.6	-0.7
D30A	baz=53 Buchanan	53.37	58	P	P	10 32 18.6	-0.6

I27A	Quinn	53.42	63	P	P	10 32 19.2	-0.5
G28A	baz=53, SNR=11 Parade	53.43	61	P	P	10 32 19.7	-0.1
F29A	baz=53 Eureka	53.57	60	P	P	10 32 20.6	-0.1
SMCO	baz=53 Snowmass	53.61	70	eP	P	10 32 21.5	-0.2
H28A	comp=Z,20nm,1.8s Mission Ridge	53.62	62	P	P	10 32 21.1	-0.1
E30A	baz=53, SNR=11 Jud	53.66	59	P	P	10 32 21.0	-0.4
M25A	baz=53, SNR=8.0 Palm-Egill Farm	53.91	67	P	P	10 32 23.3	-0.2
G29A	baz=54 Hoven	53.91	61	P	P	10 32 23.0	-0.3
J27A	baz=54 Elkhorn Farm,	53.95	64	P	P	10 32 23.0	-0.7
MVCO	baz=54 Mesa Verde	53.95	73	P	P	10 32 23.3	-0.7
MVCO	baz=54 Mesa Verde	53.95	73	eP	P	10 32 24.8	+0.9
I28A	comp=Z,13nm,1.0s Midland	53.96	62	P	P	10 32 23.6	-0.1
F30A	baz=54, SNR=11 Leola	54.01	59	P	P	10 32 23.2	-0.8
ISCO	baz=54 Idaho Springs	54.03	69	eP	pmax	10 32 25.3	+0.7
ISCO	comp=Z,12nm,1.3s			pmax	pmax		
ISCO	comp=Z,12nm,1.3s						
ISCO	baz=54, SNR=11 Idaho Springs	54.03	69	eP	P	10 32 24.6	0.0
ISCO	comp=Z,12nm,1.3s						
H29A	baz=54, SNR=11 Onida	54.10	61	P	P	10 32 25.2	-0.5
K27A	baz=54 Flueckinger Fa	54.16	64	P	P	10 32 24.9	-0.4
AGMN	baz=54, SNR=13 Agassiz Nation	54.17	55	P	P	10 32 24.9	-0.3
AGMN	comp=Z,260nm,2.3s						
AGMN	comp=Z,260nm,2.3s						
J28A	baz=54, SNR=10.5 Allard Ranch,	54.28	63	P	P	10 32 25.0	-0.1
G30A	baz=54, SNR=9.8 Faulkton	54.38	60	P	P	10 32 25.3	-0.8
I29A	baz=54, SNR=9.2 Vivian Onida	54.43	62	P	P	10 32 26.6	-0.5
W18A	baz=54 Petrified Fore	54.55	76	eP	P	10 32 28.3	0.0
S22A	comp=Z,14nm,1.0s 4UR Ranch, Cre	54.62	72	P	P	10 32 28.2	-0.7
S22A	baz=54, SNR=7.8						
S22A	baz=54, SNR=7.8						
K28A	comp=Z,35nm,1.9s Ten Mile Ranch	54.65	64	P	P	10 32 28.4	-0.4
SUMG	comp=Z,18nm,0.8s Summit	54.76	12	iP	P	10 32 29.9	+0.4
SUMG	comp=Z,260nm,2.3s						
SUMG	comp=Z,260nm,2.3s						
J29A	baz=55, SNR=14 Okreek	54.81	63	P	P	10 32 29.4	-0.5
I30A	baz=55, SNR=14 Oacoma	54.99	62	P	P	10 32 31.2	0.0
N27A	baz=55, SNR=9.7 Anderson Farm,	55.20	66	P	P	10 32 32.3	-0.5
K29A	baz=55 Lazy Trails An	55.22	63	P	P	10 32 31.9	-1.0
J30A	baz=55, SNR=12 Dallas	55.33	62	P	P	10 32 33.4	-0.2
OGNE	baz=55, SNR=12 Ogallala	55.40	66	eP	P	10 32 34.0	-0.2
OGNE	baz=55						
I31A	baz=55 Royce, Wessing	55.41	61	P	P	10 32 36.0	+1.8
SDCO	baz=55 Great Sand Dun	55.42	71	P	P	10 32 34.1	-0.5
SDCO	baz=55, SNR=8.7						
SDCO	baz=55, SNR=8.7						
P26A	comp=Z,16nm,1.4s Davis Ranch, A	55.52	68	P	P	10 32 34.6	-0.7
CD2	baz=55 Chengdu	55.62	278	P	P	10 32 35.9	0.0
CD2	comp=Z,170nm,4.1s			pP	pP	10 32 39.5	-0.8
CD2	comp=Z,170nm,4.1s			sP	sP	10 32 41.0	-1.0
CD2	comp=Z,170nm,4.1s			PP	PP	10 34 39.9	0.0
CD2	comp=Z,170nm,4.1s			S	S	10 40 21.5	+0.2
CD2	comp=Z,170nm,4.1s						

T31A	Randall Ranch, baz=59	59.31	68	P	P	10 33 00.9	-1.0
P34A	Walnut Farm, R baz=59	59.32	64	P	P	10 33 01.0	-0.8
R33A	Olander Ranch, baz=59	59.48	66	P	P	10 33 02.6	-0.4
X28A	Dimmitt, baz=59	59.56	72	P	P	10 33 03.7	0.0
P35A	Duane Minner, baz=60	59.79	63	P	P	10 33 04.8	-0.3
R34A	Isabella, Hill, baz=60	59.92	65	P	P	10 33 05.7	-0.2
Y28A	McKinney Farm, baz=60	59.94	72	P	P	10 33 05.7	-0.6
V31A	Spring Creek L, baz=60	60.11	69	P	P	10 33 07.3	-0.1
P32A	Good Intent, A, baz=60	60.19	63	P	P	10 33 07.5	-0.3
U36A	Winter Ranch, baz=60	60.20	68	P	P	10 33 07.6	-0.3
SVE	Sverdiolovsk, comp=Z,39nm,1.6s	60.20	325f	eP	Pmax	10 33 08.5	+0.9
Q35A	Merced Eighty, baz=60	60.23	64	P	P	10 33 07.6	-0.5
Z28A	Tucker Farm, M, baz=60	60.28	73	P	P	10 33 08.3	-0.3
KMI	Kunming, comp=Z,10.0nm,1.0s	60.29	274	P	PMZ	10 33 10.9	+2.0
KMI				pP	pP	10 33 14.6	+1.2
KMI				sP	sP	10 33 15.8	+0.7
KMI				PcP	PcP	10 33 55.3	+1.2
KMI				PP	PP	10 35 25.7	+4.0
KMI				S	S	10 41 21.8	-1.1
KMI				sS	sS	10 41 28.4	-1.9
KMI				PMZ	PMZ		
KMI	comp=Z,110nm,4.2s			LN	LN		
KMI	comp=Z,110nm,5.3s			LE	LE		
KMI	comp=Z,120nm,8.0s			LZ	LZ		
Y29A	Porterfield Fa, baz=60	60.33	72	P	P	10 33 08.7	-0.2
S34A	Willow Spring, baz=60	60.40	66	P	P	10 33 08.9	-0.3
X30A	Coker Ranch, T, baz=60,SNR=5.9	60.41	71	P	P	10 33 09.2	-0.2
W31A	Holland Ranch, baz=60	60.45	70	P	P	10 33 09.4	-0.3
Q36A	Arnold C. Orve, baz=60	60.49	64	P	P	10 33 09.0	-0.9
R35A	Emporia Municipi, baz=60	60.51	65	P	P	10 33 09.4	-0.6
V32A	Arapaho, baz=60	60.62	69	P	P	10 33 10.4	-0.4
JFWS	Jewell Farm, comp=Z,20nm,0.6s	60.67	57	eP	Pmax	10 33 10.5	-0.6
JFWS	Jewell Farm, comp=Z,20nm,0.6s	60.67	57	eP	P	10 33 10.5	-0.6
128A	Castleberry Fa, baz=60,SNR=5.2	60.68	73	P	P	10 33 11.1	-0.3
U33A	Lingo Farm, Me, baz=60	60.68	67	P	P	10 33 10.2	-1.1
Z29A	Hungry Hill Ra, baz=60	60.72	72	P	P	10 33 11.4	-0.2
Y30A	Stafford Catti, baz=61	60.78	71	P	P	10 33 11.7	-0.3
TMCR	Tamitsa, comp=Z,71nm,1.5s	60.80	340	eP	Pmax	10 33 12.2	+0.7
X31A	McDonald Ranch, baz=61	60.81	70	P	P	10 33 11.8	-0.4
T34A	McClaskey Farm, baz=61	60.82	66	P	P	10 33 11.4	-0.7
S35A	Otter Creek Ra, baz=61	60.87	65	P	P	10 33 12.3	-0.2
R36A	Gordon, Harris, baz=61,SNR=5.8	60.90	64	P	P	10 33 11.9	-0.7
W32A	Sentinel, baz=61	60.91	69	P	P	10 33 12.4	-0.4
Z28A	UT Block 9, Go, baz=61	60.97	74	P	P	10 33 13.0	-0.3
V33A	Lossen Ranch, baz=61	61.00	68	P	P	10 33 12.6	-0.8
U34A	Anderson Ranch, comp=Z,197nm,0.4s	61.02	67	eP	P	10 33 14.0	+0.5
Z30A	Sanderson Ranch, baz=61	61.05	72	P	P	10 33 13.5	-0.3
129A	Stewart Farms, baz=61	61.05	73	P	P	10 33 13.5	-0.4
Y31A	Riekietta Farm, baz=61	61.10	71	P	P	10 33 14.0	-0.1
Q37A	Longview Farm, baz=61	61.12	63	P	P	10 33 13.3	-0.9
PRGR	Permogore, comp=Z,40nm,0.9s	61.13	335	eP	Pmax	10 33 13.5	-0.3
PRGR				e	e	10 33 23.9	
ARU	Arti, comp=Z,13nm,0.5s,baz=43,slow=5.9,SNR=27	61.25	326	P	P	10 33 15.1	+0.3
ARU	Arti, comp=Z,13nm,0.5s,baz=43,slow=5.9,SNR=27	61.25	326d	P	P	10 33 15.0	+0.3
ARU				S	S	10 33 59.3	
ARU				SS	SS	10 35 29.3	
ARU				PMZ	PMZ	10 41 36.8	+2.9
ARU				SS	SS	10 45 27.2	-6.0
ARU	comp=Z,63nm,1.7s			MLR	MLR		
ARU	comp=Z,189nm,18.0s			MLR	MLR		
ARU	Arti, comp=Z,202nm,0.7s,SNR=8.0	61.25	326	P	P	10 33 15.9	+1.2
ARU	Arti, comp=Z,26nm,0.8s	61.25	326	eP	P	10 33 15.2	+0.3
S36A	Lake Cedric, C, baz=61	61.26	65	P	P	10 33 14.3	-0.8
T35A	Sooner Cattle, baz=61	61.29	66	P	P	10 33 14.5	-0.8
W33A	Caddo, Fort Co, baz=61	61.35	69	P	P	10 33 15.0	-0.8
X32A	Elmer, baz=61,SNR=5.9	61.37	70	P	P	10 33 15.4	-0.5
PDGK	Podgornoye, comp=Z,33nm,1.4s	61.44	304	P	Pmax	10 33 16.1	-0.1
V34A	Guthrie, baz=61,SNR=5.5	61.45	67	P	P	10 33 16.1	-0.3
V34A	Guthrie, comp=Z,68nm,1.8s	61.45	69	eP	Pmax	10 33 16.4	0.0
WMOK	Wichita Mounta, comp=Z,9.0nm,1.0s	61.45	69	eP	P	10 33 16.6	+0.1
WMOK	Wichita Mounta, comp=Z,8.6nm,1.0s	61.45	69	eP	P	10 33 16.6	+0.1
Y32A	R-V Farms, Ver, baz=61,SNR=9.7	61.57	70	P	P	10 33 17.3	0.0
Z31A	Sharp Cattle R, baz=61,SNR=5.8	61.62	71	P	P	10 33 17.7	0.0
130A	Snyder, baz=62	61.62	72	P	P	10 33 17.1	-0.6
S37A	Fort Scott, baz=62	61.68	64	P	P	10 33 17.3	-0.6
W34A	Bridge Creek, baz=62	61.71	68	P	P	10 33 17.7	-0.5
W34A	Bridge Creek, comp=Z,46nm,1.5s	61.71	68	eP	P	10 33 18.4	+0.2
X33A	Lawton, baz=62	61.76	69	P	P	10 33 18.3	-0.3
Z32A	Wagon Wheel Ra, baz=62	61.78	74	P	P	10 33 18.6	-0.2
135A	Meyer Ranch, C, baz=62	61.89	67	P	P	10 33 18.9	-0.5
131A	Roby, baz=62	61.92	72	P	P	10 33 19.1	-0.6
230A	Sterling City, baz=62,SNR=9.6	62.03	73	P	P	10 33 19.8	-0.6
Z32A	Haskell, baz=62,SNR=5.9	62.03	71	P	P	10 33 19.9	-0.5
137A	Cheneyville 18, baz=62	62.07	65	P	P	10 33 18.7	-1.8
X34A	Smith Ranch, M, baz=62	62.11	69	P	P	10 33 19.8	-1.1
TXAR	Lajitas Array, comp=Z,3.0nm,0.6s,baz=305,slow=5.2,SNR=56	62.25	77	P	P	10 33 21.8	-0.2

W35A	Tecumseh, baz=62,SNR=9.2	62.30	68	P	P	10 33 21.8	-0.3
330A	Mertzton, baz=62	62.33	73	P	P	10 33 22.5	0.0
V36A	Jenney, baz=62	62.40	67	P	P	10 33 22.3	-0.5
TUL1	Tulsa, baz=62	62.40	66	P	P	10 33 22.5	-0.3
TUL1	Tulsa, comp=Z,10nm,0.8s	62.40	66	eP	P	10 33 23.7	+0.9
ABTX	Abilene, Hawle, baz=62	62.41	71	P	P	10 33 22.6	-0.3
ABTX	Abilene, Hawle, comp=Z,50nm,1.3s	62.41	71	eP	P	10 33 23.4	+0.4
429A	Davenport Ranch, baz=62,SNR=7.4	62.43	75	P	P	10 33 22.4	-0.8
U37A	Salina, baz=62	62.45	65	P	P	10 33 22.2	-0.9
Z33A	Whitaker Ranch, baz=62	62.47	70	P	P	10 33 23.2	-0.1
231A	Bronte, baz=62	62.48	72	P	P	10 33 23.7	+0.3
529A	Stev Forest Ra, baz=62,SNR=7.6	62.58	75	P	P	10 33 23.8	-0.4
Y34A	Reagan Ranch, baz=62	62.60	69	P	P	10 33 24.5	-0.3
SCHO	Schefferville, comp=Z,17nm,0.8s,baz=341,slow=6.7,SNR=12	62.67	35	P	LR	10 33 24.2	-0.1
SCHO	Schefferville, comp=Z,154nm,20.1s,baz=328,slow=37	62.67	35	eP	LR	11 01 28.9	
W36A	Wetumka, baz=63	62.69	67	P	P	10 33 24.3	-0.4
430A	Baggett Ranch, baz=63,SNR=8.0	62.72	74	P	P	10 33 24.7	-0.5
HDIL	Hopedale, baz=63	62.82	59	P	P	10 33 24.8	-0.8
HDIL	Hopedale, comp=Z,2.3nm,0.8s	62.82	59	eP	P	10 33 25.3	-0.3
U38A	Gravette, baz=63	62.85	65	P	P	10 33 24.7	-1.1
331A	San Angelo, baz=63	62.85	73	P	P	10 33 25.4	-0.6
133A	Hamilton Ranch, baz=63,SNR=7.0	62.85	71	P	P	10 33 25.1	-0.8
232A	Coleman, baz=63	62.92	72	P	P	10 33 26.0	-0.2
Z34A	Collier Ranch, baz=63	62.92	70	P	P	10 33 26.1	-0.2
X36A	Centrahoma, baz=63	63.01	68	P	P	10 33 27.4	+0.5
Y35A	Marietta, baz=63	63.07	69	P	P	10 33 27.8	+0.5
530A	J-C Ranch, Com, baz=63,SNR=21	63.11	75	P	P	10 33 27.3	-0.4
W37A	Quinton, baz=63	63.15	67	P	P	10 33 27.7	-0.1
431A	Sonora, baz=63,SNR=8.8	63.18	74	P	P	10 33 27.5	-0.7
332A	Millersview, baz=63,SNR=11	63.21	73	P	P	10 33 27.9	-0.4
V38A	Canehill, baz=63	63.24	65	P	P	10 33 28.3	-0.1
Z35A	Perchaven, San, baz=63	63.34	69	P	P	10 33 28.7	-0.5
134A	White-Moore Ra, baz=63,SNR=9.8	63.38	70	P	P	10 33 29.4	+0.1
Y36A	Durant, baz=63	63.52	68	P	P	10 33 30.4	+0.1
432A	Menard, baz=63,SNR=6.8	63.54	73	P	P	10 33 30.2	-0.3
X37A	Clayton, baz=63	63.57	67	P	P	10 33 30.2	-0.4
531A	Rocksprings, baz=63,SNR=6.8	63.58	74	P	P	10 33 29.8	-1.0
SIJI	Sorong, comp=Z,28nm,0.8s,baz=317,slow=23,SNR=4.3	63.70	231	P	P	10 33 30.4	-1.2
333A	Richland Sprin, baz=64,SNR=8.8	63.72	72	P	P	10 33 31.1	-0.6
W38A	Poteau, baz=64	63.73	66	P	P	10 33 29.8	-1.9
234A	Clairette, baz=64,SNR=9.7	63.75	71	P	P	10 33 31.8	-0.1
TKM2	Tokmak 2, SNR=5	63.75	306	P	P	10 33 32.4	+0.4
TKM2	Tokmak 2, comp=Z,16nm,1.1s	63.75	306	eP	Pmax	10 33 32.3	+0.4
TKM2	Tokmak 2, comp=Z,16nm,1.1s	63.75	306	eP	P	10 33 32.3	+0.4
JCT	Junction City, comp=Z,61nm,1.1s	63.81	73	eP	Pmax	10 33 32.0	-0.3
JCT	Junction City, comp=Z,33nm,1.5s	63.81	73	P	P	10 33 31.7	-0.7
JCT	Junction City, comp=Z,33nm,1.5s	63.81	73	eP	P	10 33 32.0	-0.3
X38A	Whitesboro, baz=64	63.83	67	P	P	10 33 31.8	-0.5
ULHL	Ulahoi, SNR=11	63.90	305	P	P	10 33 32.6	-0.3
532A	Rocksprings, baz=64,SNR=6.8	64.00	74	P	P	10 33 32.8	-0.8
433A	Art, baz=64,SNR=7.5	64.05	73	P	P	10 33 33.3	-0.5
USP	Ospenwoka, SNR=12	64.06	307	P	P	10 33 34.1	+0.3
631A	Perido Creek, baz=64,SNR=6.6	64.10	75	P	P	10 33 33.7	-0.5
CHMS	Chumysy, SNR=5.9	64.12	307	P	P	10 33 34.2	0.0
SPIN	Scholar Farm, comp=Z,28nm,0.9s	64.13	57	eP	P	10 33 34.2	0.0
334A	Lometa, baz=64,SNR=7.1	64.16	72	P	P	10 33 34.1	-0.4
WHXT	Lake Whitney, comp=Z,11nm,0.8s	64.17	71	P	P	10 33 34.1	-0.4
WHXT	Lake Whitney, comp=Z,11nm,0.8s	64.17	71	eP	P	10 33 34.9	+0.4
LSA	Lhasa, comp=Z,18nm,1.0s	64.29	286	eP	Pmax	10 33 37.0	+1.0
LSA	Lhasa, comp=Z,18nm,1.0s	64.29	286	eP	P	10 33 37.0	+1.0
FRU	Bishkek, comp=Z,17nm,1.0s	64.31	307	iP	P	10 33 35.0	-0.4
FRU				e	e	10 35 52.0	
FRU				Pmax	Pmax		
434A	Burnet, baz=64,SNR=10	64.51	72	P	P	10 33 36.4	-0.4
632A	Uvalde, baz=64	64.51	74	P	P	10 33 36.0	-0.9
AAK	Ala-Archa, comp=Z,20nm,1.0s	64.52	307	eP	Pmax	10 33 37.5	+0.6
AAK	Ala-Archa, comp=Z,20nm,1.0s	64.52	307	eP	P	10 33 37.5	+0.6
KZA	Kyzart, SNR=8.8	64.53	306	P	P	10 33 37.8	+0.4
533A	Kerrville, baz=64	64.57	73	P	P	10 33 36.8	-0.5
MIAR	Mount Ida, comp=Z,14nm,1.2s	64.65	66	eP	Pmax	10 33 37.3	-0.4
MIAR	Mount Ida, baz=64	64.65	66				

Table with columns: Call Sign, Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other technical details. Includes stations like Minsk, Moravsky Berou, TANN, PRA, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other technical details. Includes stations like MORC, TANN, PRA, PRU, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other technical details. Includes stations like MOTA, GZR, PKSM, etc.

IDC 08 10:26:56.32.3, 7.73S, 148.08E, h0km, mb3.5/2, mb1 3.8/3, mb1mx3.4/29, mbtmp3.6/3, ML3.8/1, MS3.5/2, Ms1 3.5/2, ms1mx2.9/16, Error ellipse: s-maj=66.8km s-min=29.8km az=113.0, Eastern New Guinea region

NEIC 08 10:31:03.1, 59.45N, 138.47W, h1km, ML2.5(OTT), After OTT

PGC 08 10:31:03.1+2.5, 59.45N, 138.47W, h1km, ML2.5/4, 1C-1D, 60km east of Yakutat, AK Southeastern Alaska,

Table with columns: Code, Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other technical details. Includes stations like PNL, PLBC, Pleasant Camp, etc.

IDC 08 10:33:32.2.2, 0.5733S, 23.17W, h0km, mb4.2/2, mb1 4.3/2, mb1mx3.6/24, mbtmp4.2/2, Error ellipse: s-maj=81.0km s-min=42.5km az=2.0, South Sandwich Islands region

Table with columns: Code, Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other technical details. Includes stations like LPAZ, La Paz, etc.

2010 AUG

8rd 10h
TORO Torodi Ar. Bea 73.17 25 P P 10 45 04.6 +0.1
SONM Songoing Array 148.61 86 PKPbc PKPbc 10 53 19.4 -0.8
ILAR Eielson Array 152.63 309 PKPbc PKPbc 10 53 29.2 +0.1

comp=Z=0.2nm,0.3s,baz=184,slow=19,SNR=2.2
NOFSAR Array B 11.73 341 Pn Pn 10 45 06.2 -2.0
FINES FINES Array B 11.96 17 Pn Pn 10 45 07.4 -3.8
FINES comp=Z=0.2nm,0.3s,baz=193,slow=15,SNR=6.3
ARCES ARCES Array B 19.66 7 Pn P 10 46 47.9 -2.0

THL Klokotos Trika 1.55 231 P Pn 10 49 20.2 -0.9
THL Klokotos Trika 1.55 231 ePn Sn 10 49 20.8 -0.3
THL Klokotos Trika 1.55 231 P Sn 10 49 21.0 -0.3

MEX 08 10:40:28.0-0.6,13.78N,91.94W,h10km,MD3.9,Near coast of Guatemala
Code Station Name Az AZZ Phase ID Time Res
PCIG 2.28 327 eP Pn 10 41 02.8 -2.9

DJA 08 10:42:23.2-0.6,7.57S,-10.6E, h10km,M3.6/7,MLV3.6/7, Jawa
Code Station Name Az AZZ Phase ID Time Res
SKJ Sukabumi 0.15 30 P P 10 42 26.4 -0.2

ALN Alexandroupoli 1.91 79 ePb Pn 10 49 24.9 -1.1
ALN Alexandroupoli 1.91 79 P Pn 10 49 25.0 -1.1
ALN Alexandroupoli 1.91 79 P Pn 10 49 25.0 -1.1

ISCJB 08 10:42:18.2-0.4,50.26N,0.03-18.97E,0.03,h0km,Error ellipse: s-maj=4.4km s-min=2.2km az=17.2
IPEC 08 10:42:19.9-2.1,50.24N,19.07E,h1km,19km,ML2.2/3, Error ellipse: s-maj=27.4km s-min=10.9km az=169.0
CSEM 08 10:42:19.2-0.5,50.27N,19.01E,h2km,ML3.0/12, Error ellipse: s-maj=5.0km s-min=2.1km az=16.0

LJU 08 10:48:34.9,46.25N,-14.96E,h9km,ML0.3,2D, Northwestern Balkan Peninsula
Code Station Name Az AZZ Phase ID Time Res
PKDS Podkum 0.19 171 iP P 10 48 38.9 -0.0

ALN Alexandroupoli 1.91 79 ePb Pn 10 49 24.9 -1.1
ALN Alexandroupoli 1.91 79 P Pn 10 49 25.0 -1.1
ALN Alexandroupoli 1.91 79 P Pn 10 49 25.0 -1.1

ISC 08 10:42:19.8-0.7,50.18N,0.03-19.02E,0.02,h0km,n53, r105/94,5C-20,Poland
Code Station Name Az AZZ Phase ID Time Res
CHZP Chorzow 0.11 352 eP P 10 42 23.2 +1.3

ISCJB 08 10:48:52.8-0.4,40.56N,0.01-23.57E,0.02,h12km,2km, mb3.3/4, Error ellipse: s-maj=2.5km s-min=2.0km az=152.1
ATH 08 10:48:52.4,40.56N,23.58E,h23km,1km,MD3.5/2, ML3.1
CSEM 08 10:48:52.9-0.1,40.54N,23.59E,h10km,ML3.4, Error ellipse: s-maj=2.4km s-min=1.9km az=61.0

ALN Alexandroupoli 1.91 79 ePb Pn 10 49 24.9 -1.1
ALN Alexandroupoli 1.91 79 P Pn 10 49 25.0 -1.1
ALN Alexandroupoli 1.91 79 P Pn 10 49 25.0 -1.1

MORC Moravsky Berou 1.03 247 iP P 10 42 41.2 +0.7
MORC Moravsky Berou 1.03 247 ePb Pn 10 42 40.6 +0.0
MORC 45nm,0.4s,baz=64
LANS Liptovska Anna 1.07 164 eP P 10 42 41.5 +0.3

BEO 08 10:48:53.2-0.8,40.54N,23.60E,h12km,5km,ML3.4/1 THE 08 10:48:53.2,40.54N,23.60E,h11km,ML3.4/12, Error ellipse: s-maj=0.4km s-min=0.2km az=328.0
SKO 08 10:48:54.2,40.57N,23.56E,h6km,M3.0,ML3.2
ISC 08 10:49:00.4,39.85N,24.55E,h5km,MD3.6
ISC 08 10:48:53.5-0.9,40.55N,0.01-23.58E,0.01,h10km,6km, n206,0f992/255,mb3.4/4,21C-6D,Greece

ALN Alexandroupoli 1.91 79 ePb Pn 10 49 24.9 -1.1
ALN Alexandroupoli 1.91 79 P Pn 10 49 25.0 -1.1
ALN Alexandroupoli 1.91 79 P Pn 10 49 25.0 -1.1

NIE Niedzica 1.14 132 eP P 10 42 58.7 +1.1
NIE Niedzica 1.14 132 ePb Pn 10 42 58.7 +1.1
NIE Niedzica 1.14 132 ePb Pn 10 42 58.7 +1.1
KRAL Kraliky 1.44 267 eP P 10 42 46.6 -0.6

OUR Ouranopolis 0.38 125 ePb P 10 49 06.9 -0.0
OUR Ouranopolis 0.38 125 ePb Pn 10 49 06.9 -0.0
OUR Ouranopolis 0.38 125 ePb Pn 10 49 06.9 -0.0

ALN Alexandroupoli 1.91 79 ePb Pn 10 49 24.9 -1.1
ALN Alexandroupoli 1.91 79 P Pn 10 49 25.0 -1.1
ALN Alexandroupoli 1.91 79 P Pn 10 49 25.0 -1.1

KSP Ksiaz 1.86 292 eP P 10 42 55.8 +0.4
KSP Ksiaz 1.86 292 ePb Pn 10 42 55.8 +0.4
UPC Upice 1.95 281 eP P 10 42 55.2 +1.1

THE Thessaloniki 0.47 280 ePb P 10 49 02.2 -0.0
THE Thessaloniki 0.47 280 ePb Pn 10 49 02.2 -0.0
THE Thessaloniki 0.47 280 ePb Pn 10 49 02.2 -0.0

ALN Alexandroupoli 1.91 79 ePb Pn 10 49 24.9 -1.1
ALN Alexandroupoli 1.91 79 P Pn 10 49 25.0 -1.1
ALN Alexandroupoli 1.91 79 P Pn 10 49 25.0 -1.1

KECS Kecov 1.95 150 eP P 10 42 54.1 -0.1
KECS Kecov 1.95 150 ePb Pn 10 42 54.1 -0.1
KECS Kecov 1.95 150 ePb Pn 10 42 54.1 -0.1

PAIG Paliouri 0.63 173 eP P 10 49 05.0 -0.7
PAIG Paliouri 0.63 173 ePb Pn 10 49 05.0 -0.7
PAIG Paliouri 0.63 173 ePb Pn 10 49 05.0 -0.7

ALN Alexandroupoli 1.91 79 ePb Pn 10 49 24.9 -1.1
ALN Alexandroupoli 1.91 79 P Pn 10 49 25.0 -1.1
ALN Alexandroupoli 1.91 79 P Pn 10 49 25.0 -1.1

GOPC GO Pecny, Ondr 2.74 266 eP P 10 43 04.6 -0.4
GOPC GO Pecny, Ondr 2.74 266 ePb Pn 10 43 04.6 -0.4
GOPC GO Pecny, Ondr 2.74 266 ePb Pn 10 43 04.6 -0.4

KNT Kendrikon 0.80 320 P P 10 49 19.9 -0.4
KNT Kendrikon 0.80 320 P Pn 10 49 19.9 -0.4
KNT Kendrikon 0.80 320 P Pn 10 49 19.9 -0.4

ALN Alexandroupoli 1.91 79 ePb Pn 10 49 24.9 -1.1
ALN Alexandroupoli 1.91 79 P Pn 10 49 25.0 -1.1
ALN Alexandroupoli 1.91 79 P Pn 10 49 25.0 -1.1

PVCC Panska Ves 2.87 279 eP P 10 43 14.2 -0.5
PVCC Panska Ves 2.87 279 ePb Pn 10 43 14.2 -0.5
PVCC Panska Ves 2.87 279 ePb Pn 10 43 14.2 -0.5

VAY Valandovo 1.08 316 eP P 10 49 13.4 -0.9
VAY Valandovo 1.08 316 ePb Pn 10 49 13.4 -0.9
VAY Valandovo 1.08 316 ePb Pn 10 49 13.4 -0.9

ALN Alexandroupoli 1.91 79 ePb Pn 10 49 24.9 -1.1
ALN Alexandroupoli 1.91 79 P Pn 10 49 25.0 -1.1
ALN Alexandroupoli 1.91 79 P Pn 10 49 25.0 -1.1

DRGR Novy Kostel 4.22 273 eSg P 10 44 33.8 -1.4
NKC Novy Kostel 4.22 273 Sg Sg 10 44 33.8 -1.4
BURAR Bucovina Array 4.83 120 iP Pn 10 43 34.4 +0.6

THL Klokotos Trika 1.55 231 ePn Pn 10 49 20.8 -0.3
THL Klokotos Trika 1.55 231 Pn Pn 10 49 21.0 -0.3
THL Klokotos Trika 1.55 231 P Sn 10 49 21.0 -0.3

ALN Alexandroupoli 1.91 79 ePb Pn 10 49 24.9 -1.1
ALN Alexandroupoli 1.91 79 P Pn 10 49 25.0 -1.1
ALN Alexandroupoli 1.91 79 P Pn 10 49 25.0 -1.1

CPN Copaltepe	1.11 47j	eP	Pn	12 05 53.4 +0.4	PCRV Puerto La Cruz	22.41 91	P	P	12 05 28.7 -1.1	U37A Salina	25.84 346	P	P	12 06 01.3 -0.8
CNCH Conchagua	1.89 348j	eP	Pn	12 01 04.0 +0.1	comp-Z, 16m, 0.8s, baz=235, slow=3.5, SNR=8.3					Porterfield Fa	25.87 332	P	P	12 06 03.0 +0.4
GBS3 Finca Las Im'j	2.03 108	iP	Pn	12 01 04.8 -0.9	137A Heron Place,	22.43 341	P	P	12 05 31.0 +1.2	W32A Sentinel	25.94 337	P	P	12 06 03.6 +0.5
LAPC Finca la Perla	2.05 108	iP	Pn	12 01 05.1 -1.0	baz=22					baz=26, SNR=8.6				12 06 03.6 +0.5
BUEV Buena Vista	2.07 107	iP	Pn	12 01 06.1 -0.2	WHTX Lake Whitney	22.47 337	P	P	12 05 30.5 +0.2	baz=26, SNR=9.2				12 06 03.6 +0.5
GB1A Borinquen Arri	2.07 106	iP	Pn	12 01 05.8 -0.5	WHTX Lake Whitney	22.47 337	eP	P	12 05 30.0 -0.2	V34A Guthrie	25.98 341	P	P	12 06 03.0 -0.4
GPS1 Guardaparques	2.13 107	iP	Pn	12 01 07.0 -0.1	comp-Z, 20nm, 0.9s					baz=26	25.98 341	eP	P	12 06 02.8 -0.6
GPS2 Hotel Rinc'n	2.13 108	iP	Pn	12 01 06.7 -0.5	432A Menard	22.51 331	P	P	12 05 30.8 +0.1	U36A Oologah	25.98 345	P	P	12 06 03.7 +0.3
VCR Vista de Mar	1.17 126j	eP	Pn	12 01 06.1 -1.6	333A Richland Sprin	22.52 333	P	P	12 05 31.1 +0.4	baz=26, SNR=7.0				12 06 03.7 +0.3
COLC Colonia	2.30 109	iP	Pn	12 01 08.9 -0.5	136A Ennis	22.58 340	P	P	12 05 31.5 +0.2	X30A Coker Ranch, T	26.00 334	P	P	12 06 04.2 +0.5
COLC Colonia	2.30 109	iP	Pn	12 01 08.9 -0.5	baz=23, SNR=12					baz=29, SNR=5.7				12 06 04.2 +0.5
HORNC Hornillas	2.31 107	iP	Pn	12 01 09.7 +0.1	530A J-C Ranch, Com	22.69 327	P	P	12 05 32.9 +0.3	baz=26, SNR=9.3				12 06 05.8 +0.4
CUI Cuipilapa	2.34 109	iP	Pn	12 01 37.7 +0.2	431A Sonora	22.74 329	P	P	12 05 33.4 +0.2	V35A Lossen Ranch,	26.22 340	P	P	12 06 05.3 -0.3
AMAS Alto Masis	2.51 108	iP	Pn	12 01 12.7 +0.1	231A Clairette	22.75 336	P	P	12 05 33.3 +0.1	U33A Pawnee	26.23 343	P	P	12 06 05.2 -0.5
SNVI San Vicente	2.59 328	eP	Pn	12 01 13.6 +0.1	baz=23					baz=26				12 06 05.2 -0.5
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 13.6 -0.9	238A Mt. Pleasant	22.82 343	P	P	12 05 34.6 +0.8	SIUC Southern Ilin	26.24 357	eP	P	12 06 06.0 +0.3
JTS 32nm, 0.3s, baz=308, slow=20, SNR=7.5			Sn	12 01 45.5 -0.2	332A Millersview	22.91 332	P	P	12 05 35.6 +0.8	X29A Tulia	26.37 333	P	P	12 06 07.4 +0.3
JTS comp-Z, 845nm, 18.1s, baz=286, slow=33			LR	12 01 52.1	135A Vickery Place,	22.96 338	P	P	12 05 35.4 0.0	V32A Arapaho	26.39 338	P	P	12 06 07.2 0.0
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 14.2 -0.3	40X Oxford	23.06 356	eP	P	12 05 36.3 -0.1	T37A Cheneyville 18	26.47 346	P	P	12 06 07.2 -0.7
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 45.7 +0.1	332A Millersview	22.91 332	P	P	12 05 37.7 +0.3	U34A Anderson Ranch	26.54 342	P	P	12 06 07.3 -1.1
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	135A Vickery Place,	22.96 338	P	P	12 05 36.9 -0.5	T36A Boggs Farm, Ca	26.65 345	P	P	12 06 09.0 -0.4
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	40X Oxford	23.06 356	eP	P	12 05 37.3 -0.3	X28A Dimmitt	26.65 332	P	P	12 06 08.9 -0.8
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	332A Millersview	22.91 332	P	P	12 05 37.7 -0.4	T35A Sooner Cattle	26.68 344	P	P	12 06 10.0 +0.2
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	135A Vickery Place,	22.96 338	P	P	12 05 37.8 -0.3	U33A Lingo Farm, Me	26.72 341	P	P	12 06 10.1 0.0
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	40X Oxford	23.06 356	eP	P	12 05 38.0 -0.5	V31A Spring Creek L	26.74 337	P	P	12 06 10.3 0.0
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	332A Millersview	22.91 332	P	P	12 05 38.3 -0.5	W29A Amalillo	26.91 334	P	P	12 06 12.0 +0.1
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	135A Vickery Place,	22.96 338	P	P	12 05 39.0 -0.5	U32A Winter Ranch,	26.97 339	P	P	12 06 12.1 -0.3
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	40X Oxford	23.06 356	eP	P	12 05 40.4 +0.4	T34A McClaskey Farm	26.97 343	P	P	12 06 12.4 0.0
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	332A Millersview	22.91 332	P	P	12 05 40.4 +0.4	S37A Fort Scott	27.06 347	P	P	12 06 12.7 -0.5
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	135A Vickery Place,	22.96 338	P	P	12 05 42.2 +0.5	S36A Lake Cedric, C	27.20 346	P	P	12 06 13.8 -0.7
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	40X Oxford	23.06 356	eP	P	12 05 42.2 +0.5	S35A Otter Creek Ra	27.35 344	P	P	12 06 15.6 -0.2
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	332A Millersview	22.91 332	P	P	12 05 42.1 +0.3	R37A Teagarden Farm	27.59 347	P	P	12 06 16.9 -1.1
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	135A Vickery Place,	22.96 338	P	P	12 05 41.3 -0.7	R36A Gorden, Harris	27.75 346	P	P	12 06 18.4 -1.0
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	40X Oxford	23.06 356	eP	P	12 05 41.5 -0.7	121A Cookes Peak, D	28.15 321	eP	P	12 06 27.6 +4.4
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	332A Millersview	22.91 332	P	P	12 05 43.2 +0.8	R34A Isabella, Hill	28.18 343	P	P	12 06 23.9 +0.7
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	135A Vickery Place,	22.96 338	P	P	12 05 42.6 -0.1	S31A Mullinville	28.25 339	P	P	12 06 24.7 +0.8
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	40X Oxford	23.06 356	eP	P	12 05 42.4 -0.2	Q35A Mercer Eighty,	28.39 346	P	P	12 06 24.2 -0.8
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	332A Millersview	22.91 332	P	P	12 05 44.0 +0.4	R33A Olander Ranch,	28.40 342	P	P	12 06 24.5 -0.7
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	135A Vickery Place,	22.96 338	P	P	12 05 44.6 +0.2	R32A Long Quarter,	28.73 341	P	P	12 06 27.5 -0.5
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	40X Oxford	23.06 356	eP	P	12 05 44.9 +0.1	SFIN Scholer Farm	28.85 1	P	P	12 06 27.6 -1.5
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	332A Millersview	22.91 332	P	P	12 05 45.2 +0.5	P36A Good Intent, A	28.93 348	P	P	12 06 29.3 -0.6
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	135A Vickery Place,	22.96 338	P	P	12 05 44.7 -0.6	ACSO Alum Creek Sta	28.97 7	eP	P	12 06 30.3 +0.1
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	40X Oxford	23.06 356	eP	P	12 05 46.9 +1.0	Q33A Connelly Farm,	28.99 343	P	P	12 06 30.4 0.0
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	332A Millersview	22.91 332	P	P	12 05 46.4 0.0	P35A Duane Minner,	29.02 346	P	P	12 06 29.5 -1.2
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	135A Vickery Place,	22.96 338	P	P	12 05 47.3 +0.8	HDIL Hopedale	29.07 357	P	P	12 06 31.1 0.0
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	40X Oxford	23.06 356	eP	P	12 05 46.6 0.0	ANMO Albuquerque	29.13 327	P	P	12 06 33.8 +1.9
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	332A Millersview	22.91 332	P	P	12 05 48.1 +1.0	ANMO Albuquerque	29.13 327	P	P	12 06 34.0 +2.0
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	135A Vickery Place,	22.96 338	P	P	12 05 47.7 -0.1	P34A Walnut Farm,	29.24 345	P	P	12 06 32.8 +0.2
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	40X Oxford	23.06 356	eP	P	12 05 48.4 +0.6	Q30A Quinter	29.72 340	P	P	12 06 36.9 -0.1
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	332A Millersview	22.91 332	P	P	12 05 48.0 -0.2	R25A Tribune	29.74 337	P	P	12 06 37.2 0.0
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	135A Vickery Place,	22.96 338	P	P	12 05 49.1 +0.5	T28A Trinity	29.83 332	P	P	12 06 38.8 +0.7
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	40X Oxford	23.06 356	eP	P	12 05 48.9 +0.1	PTGA Pitinga	29.83 112	LR	LR	12 20 22.7
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	332A Millersview	22.91 332	P	P	12 05 49.2 +0.2	O33A Hebron	29.93 344	P	P	12 06 39.3 +0.6
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	135A Vickery Place,	22.96 338	P	P	12 05 48.9 -0.2	SSPA Standing Stone	30.30 14	eP	P	12 06 42.0 +0.1
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	40X Oxford	23.06 356	eP	P	12 05 50.1 +0.6	N34A Lincoln	30.38 346	P	P	12 06 42.9 +0.2
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	332A Millersview	22.91 332	P	P	12 05 49.7 +0.2	N33A J Bar K, Exete	30.52 345	P	P	12 06 44.5 +0.6
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	135A Vickery Place,	22.96 338	P	P	12 05 50.1 +0.6	P28A Saint Francis	30.80 338	P	P	12 06 46.9 +0.4
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	40X Oxford	23.06 356	eP	P	12 05 52.2 +2.3	M35A Neola	30.80 348	P	P	12 06 46.3 -0.1
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	332A Millersview	22.91 332	P	P	12 05 50.0 0.0	SDCO Great Sand Dun	30.83 331	P	P	12 06 47.8 +0.8
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	135A Vickery Place,	22.96 338	P	P	12 05 52.2 +0.2	SDCO Great Sand Dun	30.83 331	eP	P	12 06 48.5 +1.4
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	40X Oxford	23.06 356	eP	P	12 05 52.4 +0.4	Q26A Hugo	30.92 335	P	P	12 06 48.8 +1.1
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	332A Millersview	22.91 332	P	P	12 05 52.1 0.0	SAML Sattel	31.47 129	eP	P	12 06 52.1 -0.4
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	135A Vickery Place,	22.96 338	P	P	12 05 53.4 -0.4	S22A 4UR Ranch, Cre	31.47 330	P	P	12 06 53.6 +0.9
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	40X Oxford	23.06 356	eP	P	12 05 55.3 +1.3	M31A Lambert Ranch	31.50 343	P	P	12 06 53.2 +0.7
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	332A Millersview	22.91 332	P	P	12 05 54.2 0.0	K33A Hardington	31.82 347	P	P	12 06 59.2 +0.6
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	135A Vickery Place,	22.96 338	P	P	12 05 54.7 +0.5	K32A Verdige	32.46 345	P	P	12 07 00.9 -0.1
JTS JuntasAbangare	2.67 115	eP	Pn	12 01 15.0 -0.3	40X Oxford	23.06 356	eP	P	12 05 54.8 0.0	ISCO Idaho Springs	32.55 333	P	P	

8d 12h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ILAR, COLD, FYU, PUA, KUR, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like YAK, HABR, KLR, USRK, H112, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like COR, RNO, G04A, KEBM, ASR, etc.

KSULJ	Uljin	39.37 269	P	P	12 11 57.3 +1.9
KSJJA	INJE	39.40 272	P	P	12 11 57.2 +1.7
KSJJA	INJE	39.40 272	P	P	12 11 57.2 +1.7
KSTBA	Taebaek	39.40 270	P	P	12 11 57.6 +1.9
KSTBA	Taebaek	39.40 270	P	P	12 11 57.6 +1.9
WDC	Whiskeytown Da	39.45 83	eP		12 11 57.0 +1.0
WDC	comp-Z,143nm,1.1s		pmax	pmax	
WDC	comp-Z,1µm,19.0s		MLR	MLR	
WDC	Whiskeytown Da	39.45 83	eP		12 11 57.0 +1.0
WDC	comp-Z,143nm,1.1s				
WDC	comp-Z,1µm,19.0s		LR	LR	
KSCHC	Chuncheon	39.71 272	P	P	12 11 59.7 +1.5
KSCHC	Chuncheon	39.71 272	P	P	12 11 59.7 +1.5
KSCWO	Cheorwon	39.71 272	P	P	12 11 59.9 +1.7
KSCWO	Cheorwon	39.71 272	P	P	12 11 59.9 +1.7
RES	Resolute Bay	39.75 24	LR	LR	12 30 04.0
F10A	Beach Ranch, E	39.79 73	eP		12 11 59.5 +0.6
F10A	comp-Z,194nm,1.4s				
KSRS	Korea Array	39.84 271	P	P	12 12 00.4 +1.2
KSRS	comp-Z,33nm,0.8s,baz=58,slow=8.1,SNR=121		PcP	PcP	12 14 05.4 +0.8
KSRS	comp-Z,2.5nm,0.8s,baz=62,slow=4.1,SNR=4.1		ScP	ScP	12 17 50.8 0.0
KSRS	comp-Z,0.4nm,0.4s,baz=48,slow=3.6,SNR=3.4		LR	LR	12 27 42.3
KSRS	Korea Array	39.84 271	P	P	12 12 00.4 +1.2
KSRS	comp-Z,693nm,21.5s,baz=62,slow=55				12 14 05.4
KSRS	comp-Z,33nm,0.8s		pmax	pmax	
KSRS	comp-Z,3.0nm,0.8s		pmax	pmax	
KSRS	comp-Z,693nm,21.5s		MLR	MLR	
KSAR	Wonju Array Be	39.87 271	P	P	12 12 00.4 +0.9
KSAR	Wonju Array Be	39.87 271	P	P	12 12 00.4 +0.9
KSAR	Wonju Array Be	39.87 271	P	P	12 12 00.4 +0.9
KSAR	Wonju Array Be	39.87 271	P	P	12 12 00.4 +0.9
LKWV	Lakeview	39.88 80	P	P	12 12 01.2 +1.5
SNY	Shenyang	39.99 280	JP	S	12 12 01.4 +1.0
SNY	Shenyang	39.99 280	JP	S	12 17 58.4 -5.1
SNY	comp-Z,59nm,1.0s				
SNY	comp-Z,1µm,22.2s		LN		
SNY	comp-Z,1µm,22.0s		LE		
SNY	comp-Z,1µm,22.0s		LZ		
LBCM	Butte Creek Ri	40.05 82	P	P	12 12 02.4 +1.3
MOD	Modoc	40.09 80	eP	P	12 12 02.6 +1.1
YNCB	YEONCHEON	40.11 273	P	P	12 12 02.8 +1.3
YNCB	YEONCHEON	40.11 273	P	P	12 12 02.8 +1.3
KSCHJ	Chungju	40.17 270	P	P	12 12 03.6 +1.6
WALA	Watson Lakes	40.22 67	eP		12 12 02.7 +0.2
WALA	comp-Z,250nm,1.1s		LR	LR	
KSICN	Icheon	40.26 271	P	P	12 12 04.3 +1.6
BSMT	Bassoo Peak	40.30 69	eP	P	12 12 03.7 +0.5
KSMSU	Musan	40.31 273	eP	P	12 12 04.6 +1.5
KSSAJ	Sangju	40.34 270	P	P	12 12 05.0 +1.6
KSSAO	Seoul	40.45 272	P	P	12 12 06.0 +1.7
KSSAO	Seoul	40.45 272	P	P	12 12 06.0 +1.7
BLMT	Blacktail Moun	40.47 69	eP	P	12 12 05.1 +0.4
KSBN	Boeun	40.51 270	P	P	12 12 06.5 +1.7
KSSWO	Suwon	40.56 272	P	P	12 12 06.6 +1.5
KSCPR	CHUPUNGYEON	40.58 270	P	P	12 12 07.4 +2.1
KSGAH	Ganghwa	40.61 273	P	P	12 12 07.2 +1.6
NSHM	Saint Helena R	40.62 86	eP	P	12 12 06.7 +1.0
INCN	Inchon	40.63 272	eP	P	12 12 07.3 +1.4
INCN	comp-Z,82nm,0.9s		LR	LR	
JTMT	Jette	40.65 69	eP	P	12 12 06.4 +0.4
KSCEA	Cheonan	40.65 271	P	P	12 12 07.6 +1.6
MCCM	Marconi Confer	40.67 87	eP	P	12 12 07.8 +1.7
MCCM	comp-Z,285nm,1.6s		LR	LR	
YBM	Yellow Bay	40.75 69	eP	P	12 12 07.1 +0.3
JNU	Nakatsu	40.78 264	P	P	12 12 08.1 +1.1
JNU	comp-Z,97nm,1.0s,baz=41,slow=8.3,SNR=30		LR	LR	12 27 50.1
JNU	comp-Z,3µm,21.6s,baz=89,slow=34				12 12 08.5 +1.5
WVOR	Wild Horse Val	40.82 78	eP	P	12 12 08.7 +1.2
WVOR	comp-Z,124nm,1.0s		pmax	pmax	
WVOR	comp-Z,386nm,1.1s		MLR	MLR	
WVOR	Wild Horse Val	40.82 78	eP	P	12 12 08.7 +1.2
WVOR	comp-Z,386nm,1.1s		LR	LR	
OHCM	Honcut	40.84 84	eP	P	12 12 08.1 +0.7
TJN	Taejon	40.86 270	eP	P	12 12 09.2 +1.5
SWMT	Swartz Lake	40.93 69	eP	P	12 12 08.4 +0.1
KSKOJ	Gongju	40.94 271	eP	P	12 12 10.3 +2.0
MSO	Missoula	41.31 70	P	P	12 12 11.7 +0.2
MSO	Missoula	41.31 70	eP	P	12 12 11.7 +0.2
MSO	comp-Z,263nm,1.1s		LR	LR	
SLMT	Seeley Lake	41.36 69	eP	P	12 12 12.3 +0.4
KSBAR	Backryungdo	41.53 274	P	P	12 12 15.0 +1.8
CHMT	Chamberlain Mo	41.67 69	eP	P	12 12 14.3 -0.2
MFID	Camas Ranch	42.00 75	eP	P	12 12 17.7 +0.6
MFID	comp-Z,100nm,1.0s		LR	LR	
CMB	Columbia Colle	42.30 85	eP	P	12 12 21.1 +1.5
CMB	comp-Z,97nm,1.1s		pmax	pmax	
CMB	comp-Z,3µm,22.0s		MLR	MLR	
CMB	Columbia Colle	42.30 85	eP	P	12 12 21.1 +1.5
CMB	comp-Z,97nm,1.1s		LR	LR	
WAKR	Walker	42.61 84	eP	P	12 12 23.9 +1.6
HRY	Holter Researc	42.61 69	eP	P	12 12 22.9 +0.8
ALE	Alert	42.69 10	P	P	12 12 22.2 +0.1
LRM	Limekiln Ridge	42.72 70	eP	P	12 12 23.0 -0.1
HLID	Hailey	42.77 74	eP	P	12 12 24.2 +0.7
HLID	Hailey	42.77 74	eP	P	12 12 24.2 +0.7
HLID	comp-Z,231nm,1.2s		LR	LR	
BMN	Battle Mountai	42.84 80	eP	P	12 12 25.1 +1.0
BMN	comp-Z,800nm,19.0s		pmax	pmax	

BMN	comp-Z,190nm,1.1s		MLR	MLR	
BMN	Battle Mountai	42.84 80	eP	P	12 12 25.1 +1.0
BMN	comp-Z,190nm,1.1s		LR	LR	
DLMT	Dillon	42.88 71	eP	P	12 12 24.7 +0.4
DLMT	comp-Z,144nm,1.4s		LR	LR	
DLMT	comp-Z,699nm,21.0s				
LRV	Little Rabbit	42.90 87	eP	P	12 12 26.1 +1.7
MCMT	McKenzie Canyo	43.02 72	eP	P	12 12 25.8 +0.3
LCCN	Lewis and Clar	43.05 70	eP	P	12 12 25.6 -0.1
EGMT	Eagleton	43.13 66	P	P	12 12 25.9 -0.4
EGMT	Eagleton	43.13 66	eP	P	12 12 25.8 -0.4
EGMT	comp-Z,187nm,0.9s		LR	LR	
EGMT	comp-Z,2µm,20.0s				
BGMT	Barton Gulch	43.28 71	eP	P	12 12 27.7 +0.1
BOZ	Bozeman (W)	43.30 70	eP	P	12 12 28.2 +0.5
BOZ	Bozeman (W)	43.30 70	eP	P	12 12 28.0 +0.3
BOZ	Bozeman (W)	43.30 70	eP	P	12 12 28.2 +0.5
NVAR	Mina Arroy Bea	43.36 83	eP	P	12 12 28.9 +0.5
NVAR	comp-Z,70nm,0.9s,baz=292,slow=7.9,SNR=292		ScP	ScP	12 18 03.5 -1.6
MLAC	Mammoth Lakes	43.52 84	P	P	12 12 31.0 +1.4
ELK	Elko	43.88 78	eP	P	12 12 33.5 +1.0
ELK	comp-Z,187nm,1.0s		pmax	pmax	
ELK	Elko	43.88 78	eP	P	12 12 33.5 +1.0
FFC	Flin Flon	44.04 54	eP	P	12 12 32.2 -1.1
FFC	comp-Z,13nm,0.8s		MLR	MLR	
FFC	comp-Z,3µm,20.0s		LR	LR	
FFC	Flin Flon	44.04 54	eP	P	12 12 32.2 -1.1
FFC	comp-Z,13nm,0.8s		LR	LR	
YHB	Horse Butte	44.04 71	eP	P	12 12 34.2 +0.4
RCTC	Rector, Farmer	44.09 86	P	P	12 12 34.6 +0.6
YMC	Maple Creek	44.15 71	eP	P	12 12 35.2 +0.6
YMR	Madison River	44.23 71	eP	P	12 12 35.7 +0.5
YHH	Holmes Hill	44.23 71	eP	P	12 12 35.8 +0.4
SMCC	Simmler	44.25 88	P	P	12 12 36.5 +1.2
TPH	Tonopah	44.25 83	eP	P	12 12 36.2 +0.7
TPH	comp-Z,182nm,1.1s		pmax	pmax	
TPH	comp-Z,2µm,21.0s		MLR	MLR	
TPH	Tonopah	44.25 83	eP	P	12 12 36.2 +0.7
TPH	comp-Z,182nm,1.1s		LR	LR	
TIN	Tinemaha	44.26 84	P	P	12 12 36.6 +1.1
YPM	Purple Mountai	44.29 71	eP	P	12 12 36.6 +0.8
MCID	Moose Creek	44.36 72	eP	P	12 12 36.0 -0.4
YNR	Norris Junctio	44.37 71	eP	P	12 12 37.5 +1.1
GCMT	Greycliff	44.37 69	eP	P	12 12 37.0 +0.7
YFT	Old Faithful	44.42 71	eP	P	12 12 38.5 +1.6
YES	Vestal, Richgr	44.48 86	P	P	12 12 37.5 +0.4
YPP	Pitchstone Pla	44.54 71	eP	P	12 12 39.5 +1.7
YLT	Little Thumb C	44.58 71	eP	P	12 12 41.3 +3.2
H17A	Grant Village	44.61 71	eP	P	12 12 40.1 +1.8
H17A	Grant Village	44.61 71	eP	P	12 12 39.8 +1.5
LKWY	Lakeview	44.62 71	eP	P	12 12 40.2 +1.8
LKWY	comp-Z,269nm,1.1s		pmax	pmax	
LKWY	Lakeview	44.62 71	eP	P	12 12 40.1 +1.8
PKM	Peak Mountain	44.63 88	P	P	12 12 39.6 +1.1
YMP	Mirror Lake Pl	44.66 70	eP	P	12 12 39.6 +0.8
IMW	Indian Meadow	44.67 72	eP	P	12 12 39.6 +0.7
FLWY	Flagg Ranch	44.71 71	eP	P	12 12 40.1 +1.0
NPI	North Pocatell	44.72 75	eP	P	12 12 35.6 -3.6
CWC	Cottonwood Cre	44.73 85	P	P	12 12 40.2 +0.8
FXWY	Fox Creek	44.77 72	eP	P	12 12 40.7 +1.1
FXWY	comp-Z,108nm,1.4s		LR	LR	
FXWY	comp-Z,1µm,21.0s		MLR	MLR	
HVU	Hansel Valley	44.78 75	eP	P	12 12 40.6 +1.0
HVU	comp-Z,168nm,0.7s		pmax	pmax	
HVU	comp-Z,900nm,20.0s		MLR	MLR	
HVU	Hansel Valley	44.78 75	eP	P	12 12 40.6 +1.0
HVU	comp-Z,168nm,0.7s		LR	LR	
YTP	The Promontory	44.78 71	eP	P	12 12 41.0 +1.3
GRAC	Grapevine Rang	44.83 84	P	P	12 12 41.1 +1.2
MOOW	Moore Ponds	44.87 72	eP	P	12 12 40.9 +0.5
TPAW	Teton Pass	44.90 72	eP	P	12 12 41.6 +0.9
TPAW	comp-Z,256nm,1.4s		LR	LR	
TPAW	comp-Z,2µm,22.0s		LR	LR	
PTU	Portage	44.97 75	eP	P	12 12 39.1 -2.1
RLMT	Red Lodge	44.98 69	P	P	12 12 41.9 +0.6
RLMT	Red Lodge	44.98 69	eP	P	12 12 41.8 +0.6
ISA	Isabella	44.98 86	eP	P	12 12 41.0 -0.1
ISA	comp-Z,84nm,1.1s		pmax	pmax	
ISA	comp-Z,1µm,21.0s		MLR	MLR	
ISA	Isabella	44.98 86	P	P	12 12 41.2 0.0
ISA	Isabella	44.98 86	eP	P	12 12 41.0 -0.1
ISA	comp-Z,84nm,1.1s		LR	LR	
SBC	Santa Barbara	44.98 75	eP	P	12 12 41.8 +0.7
MTUT	Morton Thiokol	45.02 75	eP	P	12 12 40.0 -1.4
REDW	Red Top Meadow	45.03 72	eP	P	12 12 42.4 +0.7
REDW	comp-Z,297nm,1.4s		LR	LR	
SNOW	Snow King Moun	45.03 72	eP	P	12 12 42.6 +1.0
SNOW	comp-Z,191nm,1.4s		LR	LR	
MLI	Mad Range	45.03 75	eP	P	12 12 39.9 -1.7
LOHW	Long Hollow	45.03 72	eP	P	12 12 42.3 +0.6
LOHW	comp-Z,163nm,1.4s		LR	LR	
ARVC	Arvin	45.10 87	P	P	12 12 42.1 +0.1
R11A	Troy Canyon, C	45.10 81	P	P	12 12 42.6 +0.3
R11A	Troy Canyon, C	45.10 81	eP	P	12 12 43.3 +0.1
R11A	comp-Z,172nm,1.1s		LR	LR	
BGU	Big Grassy Moun	45.13 77	eP	P	12 12 43.3 +0.9
BGU	comp-Z,134nm,1.0s		LR	LR	
BGU	comp-Z,1µm,22.0s		LR	LR	
DAC	Darwin (Calif)	45.14 85	eP	P	12 12 43.2 +0.6
DAC	comp-Z,72nm,1.1s		pmax	pmax	
DAC	comp-Z,2µm,22.0s		MLR	MLR	
DAC	Darwin (Calif)	45.14 85	eP	P	12 12 43.2 +0.6

DAC	comp-Z,72nm,1.1s		LR	LR	
BEI	Bear River Ran	45.19 74	eP	P	12 12 42.1 -0.8
LTU	Little Mountai	45.21 75	eP	P	12 12 42.9 -0.3
AHID	Auburn Hatcher	45.22 73	eP	P	12 12 44.1 +0.9
AHID	comp-Z,301nm,1.3s				
AHID	comp-Z,1µm,1				

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Table with columns: Call ID, Name, Location, Frequency, Power, Mode, SNR, Azimuth, Elevation, and other parameters. Includes entries like W33A Caddo, Fort Co, X32A Elmer, R37A Teagarden Farm, etc.

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Table with columns: Call ID, Name, Location, Frequency, Power, Mode, SNR, Azimuth, Elevation, and other parameters. Includes entries like CD2 comp=Z,320nm,7.8s, CD2 comp=Z,830nm,16.8s, KURK Kurchatov, etc.

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Table with columns: Call ID, Name, Location, Frequency, Power, Mode, SNR, Azimuth, Elevation, and other parameters. Includes entries like 137A Heron Place, G, Z38A Mt. Pleasant, Y39A Locksburg, etc.

Table with columns: KDU, Kakadu, 8.49 112 P, Pn, 12 23 19.9 -1.8, etc. Lists various locations and their coordinates.

Table with columns: WRAB, Tennant Creek, 44.46 262 eP, P, 12 31 25.9 -0.7, etc. Lists various locations and their coordinates.

Table with columns: LZH, LZH, 18nm, 1.0s, sP, sP, 12 39 12.6 -4.1, etc. Lists various locations and their coordinates.

ISCJB 08 12:24:04.0, 0.3, 20.03S:0.05:178.27W:0.06, h569km, mb4.5/57, Error ellipse: s-maj=8.3km s-min=5.2km az=136.5

IDC 08 12:24:04.9, 1.9, 20.10S:178.17W, h572km, 21km, mb3.7/17, mb1.3/9.18, mb1mx3.8/23, mbtmp4.7/18, Error ellipse: s-maj=16.5km s-min=14.1km az=141.0

NEIC 08 12:24:05.0, 4.0, 20.01S:178.15W, h576km, 12km, mb4.7/43, Error ellipse: s-maj=11.0km s-min=7.2km az=126.0

AUST 08 12:24:07.5, 19.53S:178.35W, h600km, ISC 08 12:24:05.1, 0.4, 20.02S:0.07:178.21W:0.06, h569km, n147, s19.23/17, mb4.6/57, 21C-4D, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists station data for various locations.

ISCJB 08 12:24:07.6, 1.3, 34.60N:24.84E, h0km, mb3.6/4, mb1.3/6.6, mb1mx3.5/29, mbtmp3.5/6, ML3.8/2, Error ellipse: s-maj=26.8km s-min=11.0km az=99.0

ISCJB 08 12:24:30.8, 1.2, 34.76N:0.06:24.52E:0.04, h15km, 7km, mb3.5/4, Error ellipse: s-maj=10.0km s-min=4.8km az=173.0

ATH 08 12:40:31.1, 34.85N:24.47E, h20km, 1km, MD3.1/2 THE 08 12:40:31.5, 34.87N:24.48E, h0km, 2km, ML3.8/3, Error ellipse: s-maj=3.2km s-min=1.0km az=158.0

CSEM 08 12:40:31.2, 0.5, 34.83N:24.49E, h8km, MD3.4, Error ellipse: s-maj=11.4km s-min=5.1km az=1.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists station data for various locations.

ISCJB 08 12:24:07.6, 1.3, 34.60N:24.84E, h0km, mb3.6/4, mb1.3/6.6, mb1mx3.5/29, mbtmp3.5/6, ML3.8/2, Error ellipse: s-maj=26.8km s-min=11.0km az=99.0

ISCJB 08 12:24:30.8, 1.2, 34.76N:0.06:24.52E:0.04, h15km, 7km, mb3.5/4, Error ellipse: s-maj=10.0km s-min=4.8km az=173.0

ATH 08 12:40:31.1, 34.85N:24.47E, h20km, 1km, MD3.1/2 THE 08 12:40:31.5, 34.87N:24.48E, h0km, 2km, ML3.8/3, Error ellipse: s-maj=3.2km s-min=1.0km az=158.0

CSEM 08 12:40:31.2, 0.5, 34.83N:24.49E, h8km, MD3.4, Error ellipse: s-maj=11.4km s-min=5.1km az=1.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists station data for various locations.

s-maj=225.1km s-min=41.9km az=107.0, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

IDC 08 13:38:01.6:1.4, 22:84S:66:13W, h240km, 13km, mb2.8/2, mb1 3.3/5, mb1mx3.1/27, mbtm3.7/5, Error ellipse: s-maj=22.9km s-min=17.2km az=108.0

ISCJB 08 13:38:02.0:0.5, 22:92S:0:04:66:23W:0.0:5, h242km, mb3.0/2, Error ellipse: s-maj=7.7km s-min=4.0km az=145.8

GUC 08 13:38:02.7:0.5, 22:78S:66:27W, h270km, ML4.9

SJA 08 13:38:03.0:1.1, 22:88S:66:27W, h236km, 20km, ML3.0, MW2.7

ISC 08 13:38:01.2:0.8, 22:90S:0:06:66:20W:0:06, h242km, n30, r1560/44, 1C-10, Ujuy Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Rows include AZAP Zapla, ASIB Santa Barbara, SLA San Lorenzo, LVC Limon Verde, LVC Limon Verde, PB09 IPOC Station P, PB09 IPOC Station P, PB06 IPOC Station P, FSA Cafatey, PB01 IPOC Station P, PB07 IPOC Station P, PB04 IPOC Station P, PB04 IPOC Station P.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Rows include AHML Horco Molle, MMYC Mitimint, CYA Choya, CYA Choya, AACL CERRO LA CRUZ, LAPAZ La Paz, LAPAZ La Paz, APLL PUNTA DE LOS L, AMOG MOGNA, AMOV San Ignacio, CFAA Coronel Fontan, CFAA Coronel Fontan, ACAN Cantantal, ACAN San Martin, ARCO CERRO ARCO, AAGR Agrelo, TXAR Lajitas Array, TORO Torodi Ar. Bea, ASAR Alice Springs, WRA Warramunga Arr, MKAR Makanchi Array.

SJA 08 13:46:04.6:1.3, 34:59S:72:72W, h16km, 41km, ML3.7, MW4.5

GUC 08 13:46:09.3:0.3, 34:69S:71:94W, h9km, 1km, ML4.0

ISC 08 13:46:07.5:2.7, 34:61S:0:06:72:0W:0:1, h0km, 17km, n13, r1503/18, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Rows include U65B Hualae0, U69B Paeumo, NICH Los Niches, TALC Talca, U73B San Pedro, ANTU Antumapu, AAGR Agrelo, ARCO CERRO ARCO, AUSP Uspallata, ASAL Salagasta, CANA Cavihue, RTL S Leoncito, RTVC Cerro Valdivia.

NEIC 08 13:49:24.5, 52:67N:169:33W, h12km, mb3.7/1, ML3.5(AEIC), After AEIC, Fox Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Rows include NIKH Nikolski High, OKSO Okmok South, OKWR Okmok West Rim, OKCE Okmok Cone E, OKTU Okmok Mt. Tuli, OKAK Okmok, OKFC Okmok Magazine Ridge, MSOM Makushin Julie, MCIR Makushin Cirqu, MSW Makushin Switc, MTBL Makushin Table, UNV Unalaska Valle, ZRO Akutan Green, AKGG Akutan Green G, AKUT Akutan, ATKA Atka Island, SPIA Saint Paul Ist.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Rows include BPAW Bear Paw Mtn, HYT Haines Junctio, ISCJB 08 13:53:27.9:0.2, IDC 08 13:53:27.8:0.7, NEIC 08 13:53:29.4:0.4, CSEM 08 13:53:29.4:0.3, ISC 08 13:53:29.7:0.6.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Rows include BORG Borgarnes, ESK Eskdalemuir, EKA Eskdalemuir Ar, PAB San Pablo, PAB San Pablo, ESDC Sanseca Array, ESDC Sanseca Array, SFJD Kangerlussuaq, ECH Echer, ECH Echer, TNS Taus Mts, TNS Taus Mts, MDT Midlet, JMJC Jan Mayen, BFO Black Forest, BFO Black Forest, SCHO Schefferville, CLZ Clausthal, CLZ Clausthal, NOA NORSTAR Array B, TUE Stuetta, TUE Stuetta, DAVOX Davos/Dischmat, DAVOX Davos/Dischmat, GRA1 Grafenberg Arr, GRA1 Grafenberg Arr, GRO Moxa, MOX Moxa, TANN Tannenbergs, TANN Tannenbergs, NKV Novy Kostel, CLL Collim, CLL Collim, CLL Collim, CLL Collim, CLL Collim, FRB Froebisher Bay, BRG Berggiesshubel, KHC Kasperske Hory, GEC2 GERESS Array S, GEC2 GERESS Array S, GERES GERESS Array B, PVCC Panska Ves, PRU Pruhonice, GOPC GO Pecny, Ondr, TREC Trest, UPC Upipe, DPC Dobruska-Polom, OKC Ostrava-Krasne, KEST Kesta, KEST Kesta, FINES Finess Array B, ARCES ARCESS Array B, ARCES ARCESS Array B, AKASG Malin Array B, AKASG Malin Array B, SPIN Scholer Farm, ULM Lac du Bonnet, TORO Torodi Ar. Bea, TORO Torodi Ar. Bea, AGMM Agassiz Station, BRTR Keskin Array B, BRTR Keskin Array B, B30A Myrvik Farm, A29A Manning Farm, H34A Spellman Lake, B29A Gengenman Farm, H33A Prehn Over Nur, ECSD CARLOS Data Cent, H32A Carlson Farm, DBIC Dibokro.

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ISCJB 08 14:09:22.0, 3.46, 48N, 02:13:22E, 0.02, h 11km, 3km, Error ellipse: s-maj=2.8km s-min=1.8km az=19.9

ROM 08 14:09:21.8, 0.1, 46, 46N, 13:21E, h6km, 1km, Mdz 5.7, Mdz 0.7, Error ellipse: s-maj=1.5km s-min=1.1km az=179.0

CSEM 08 14:09:22.0, 0.1, 46, 48N, 13:22E, h10km, ML2.5/16, Error ellipse: s-maj=2.0km s-min=1.3km az=20.0

VIE 08 14:09:22.1, 0.1, 46, 48N, 13:24E, h10km, mb1.4/8, m2.2/11, Error ellipse: s-maj=1.0km s-min=0.6km az=15.0

ISC 08 14:09:22.3, 0.8, 46, 47N, 02:13:22E, 0.01, h7km, 5km, n80, c0875/154, 25C-20Z, Austria

Code Station Name Az El Phase ID Time Res h m s ISC

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Rows include PLRO, LSR, PTCO, etc.

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AUST 08 14:15:04.9, 30, 133S, 174, 35W, h25km, IDC 08 14:15:24.1, 1.0, 30, 71S, 177, 89W, h0km, mb4.3/4, Error ellipse: s-maj=3.4km s-min=2.1km az=125.0

Y38A	Idabel	17.76	0	P	P	15 21 39.8	-1.6
Z31A	Sharp Cattle R	17.83	345	P	Pn	15 21 43.7	+1.3
Y35A	Marietta	17.86	354	P	Pn	15 21 42.9	+0.2
128A	Castleberry Fa	17.89	338	P	Pn	15 21 43.7	+0.5
Y34A	Reagan Ranch,	18.00	352	P	P	15 21 43.5	-0.6
Z30A	Sanderson Ranc	18.06	343	P	Pn	15 21 45.5	+0.2
Z29A	Hungry Hill Ra	18.21	341	P	Pn	15 21 47.2	0.0
LRAL	Lakeview Retre	18.28	21	eP	P	15 21 45.6	-1.5
Y32A	R-V Farms, Ver	18.33	348	P	Pn	15 21 48.2	-0.3
X35A	Drake	18.34	354	P	P	15 21 47.9	0.0
TIGA	Tifton	18.36	32	P	P	15 21 45.7	-2.4
MIAR	Mount Ida	18.41	3	P	P	15 21 47.7	-0.9
MIAR	Mount Ida	18.41	3	eP	P	15 21 47.2	-1.4
X37A	Clayton	18.43	358	P	P	15 21 48.6	-0.2
X36A	Centrahoma	18.46	356	P	P	15 21 49.5	+0.4
Z28A	Tucker Farm, M	18.46	339	P	Pn	15 21 51.3	+1.1
Y31A	Rekieta Farm,	18.47	345	P	Pn	15 21 49.9	-0.3
X38A	Whitesboro	18.50	360	P	P	15 21 49.6	0.0
X34A	Smith Ranch, M	18.64	352	P	P	15 21 51.6	+0.4
X33A	Lawton	18.68	350	P	P	15 21 51.6	+0.1
X32A	Elmer	18.70	348	P	P	15 21 52.1	+0.2
W38A	Poteau	18.90	1	P	P	15 21 54.4	+0.4
WMOK	Wichita Mounta	18.92	350	eP	P	15 21 53.4	-0.8
OXF	Oxford	18.96	14	eP	P	15 21 53.3	-1.3
W37A	Quinton	18.98	358	P	P	15 21 54.5	-0.3
Y28A	McKinney Farm,	18.98	341	P	Pn	15 21 55.8	-0.6
W36A	Wetumka	19.02	356	P	P	15 21 55.3	+0.1
X31A	McDonald Ranch	19.05	347	P	P	15 21 56.0	+0.4
GTBY	Quantanamo Bay	19.07	76	eP	P	15 21 52.5	-3.5
W35A	Tecumseh	19.08	355	P	P	15 21 55.8	-0.1
X30A	Coker Ranch, T	19.09	344	P	Pn	15 21 56.9	-0.7
W34A	Bridge Creek,	19.26	353	P	P	15 21 56.5	-1.3
W34A	Bridge Creek,	19.26	353	eP	P	15 21 57.3	-0.6
W33A	Caddo, Fort Co	19.27	351	P	P	15 21 58.1	+0.1
X29A	Tulia	19.31	342	P	P	15 21 58.1	-0.5
W32A	Sentinel	19.38	349	P	P	15 21 59.3	+0.1
W31A	Holland Ranch,	19.58	347	P	P	15 22 01.5	+0.1
V36A	Jenks	19.64	357	P	P	15 22 01.5	-0.6
V35A	Meyer Ranch, C	19.68	355	P	P	15 22 01.8	-0.6
V38A	Canehill	19.70	1	P	P	15 22 01.7	-1.0
V37A	Hulbert	19.72	359	P	P	15 22 01.8	-1.1
TUL1	Tulsa	19.76	358	P	P	15 22 02.8	-0.6
V34A	Guthrie	19.82	353	P	P	15 22 03.7	-0.3
V34A	Guthrie	19.82	353	eP	P	15 22 03.2	-0.7
V33A	Lossen Ranch,	19.90	352	P	P	15 22 04.9	0.0
V32A	Arapaho	19.92	350	P	P	15 22 05.4	+0.3
W29A	Amraille	19.93	343	P	P	15 22 05.0	-0.3
V31A	Spring Creek L	20.12	348	P	P	15 22 08.4	+1.0
121A	Cookes Peak, D	20.19	327	eP	Pn	15 22 10.5	-0.2
121A		15 22 24.5	+1.7				
W28A	Vega	20.22	342	eP	Pn	15 22 10.1	-0.9
U37A	Salina	20.24	359	P	P	15 22 07.5	-1.0
U36A	Oologah	20.24	358	P	P	15 22 08.9	+0.4
U38A	Gravette	20.27	1	P	P	15 22 08.8	-0.1
U35A	Pawnee	20.28	355	P	Pn	15 22 10.4	-1.1
V30A	Spur Ranch, Mi	20.30	346	P	P	15 22 10.1	+0.9
U34A	Anderson Ranch	20.41	354	eP	Pn	15 22 12.8	-0.3
U33A	Lingo Farm, Me	20.48	352	P	P	15 22 10.8	-0.4
V29A	Stinnett	20.61	344	P	P	15 22 13.6	+1.0
U31A	Nine Bar Ranch	20.70	348	P	P	15 22 14.5	+0.9
T35A	Sooner Cattle	20.80	356	P	P	15 22 13.3	-1.3
V27A	Dan Oppiter Fa	20.87	341	P	P	15 22 15.7	+0.2
T36A	Boggs Farm, Ca	20.91	357	P	P	15 22 14.1	-1.7
T37A	Cheneyville 18	20.95	360	P	P	15 22 14.4	-1.8
T34A	McClaskey Farm	20.96	355	P	P	15 22 15.8	-0.6
UBMO	Poplar Bluff	20.96	10	eP	P	15 22 14.4	-1.9
U30A	WK&E Inc. Balk	21.02	347	P	P	15 22 17.8	+0.8
T33A	Patterson Ranc	21.14	352	P	P	15 22 17.6	-0.6
U28A	Mallet	21.27	343	P	P	15 22 20.3	+0.5
T32A	Huddler Ranch,	21.33	351	P	P	15 22 20.1	-0.1
LAZ	Ladron	21.36	331	eP	P	15 22 25.3	+4.5
T31A	Randall Ranch,	21.38	349	P	P	15 22 21.0	+0.3
U27A	Thompson Grove	21.48	342	P	P	15 22 22.9	+0.8
T30A	Plains	21.50	347	P	P	15 22 22.0	-0.1
ANMO	Albuquerque	21.51	333	P	P	15 22 22.0	+1.6
ANMO	Albuquerque	21.51	333	eP	P	15 22 26.6	+4.2
S35A	Otter Creek Ra	21.55	357	P	P	15 22 22.1	-0.6
S36A	Lake Cedric, C	21.56	358	P	P	15 22 23.0	+0.3
S37A	Fort Scott	21.59	360	P	P	15 22 21.3	-1.7
S34A	Willow Spring	21.63	355	P	P	15 22 22.5	-0.9
TUC	Tucson	21.73	321	eP	P	15 22 40.8	+1.2
TKL	Tuckaleechee C	21.82	25	P	P	15 22 23.9	-1.6
TKL	Tuckaleechee C	21.82	25	eP	P	15 22 24.7	-0.8
S30A	Montezuma	22.05	348	P	P	15 22 28.2	+0.2
MIUC	Southern Illin	22.09	12	eP	P	15 22 36.5	-6.7
R37A	Teagarden Farm	22.14	360	P	P	15 22 26.8	-2.1
S29A	Ulysses	22.17	347	P	P	15 22 28.7	-0.6

R34A	Isabella, Hill	22.23	355	P	P	15 22 29.1	-0.8
R33A	Olander Ranch,	22.32	353	P	P	15 22 30.6	-0.2
S28A	Manter	22.33	345	P	P	15 22 31.0	0.0
T26A	Comanche Natio	22.41	341	P	P	15 22 32.5	+0.4
KM5C	Kings Mountain	22.46	300	P	P	15 22 28.4	-4.1
KM5C	Kings Mountain	22.46	300	P	P	15 22 27.1	-5.3
R31A	Burdett	22.51	350	P	P	15 22 33.0	-0.1
R32A	Long Quarter,	22.52	352	P	P	15 22 33.0	-0.1
R30A	Dighton	22.64	349	P	P	15 22 34.6	+0.3
T25A	Trinidad	22.64	340	P	P	15 22 34.8	+0.2
T25A	Trinidad	22.64	340	eP	P	15 22 35.6	+1.0
T25A	Trinidad	22.64	340	eP	P	15 22 50.0	+0.6
Q37A	Longview Farm,	22.70	1	P	P	15 22 33.5	-1.5
Q35A	Mercer Eighty,	22.71	357	P	P	15 22 33.3	-1.7
Q33A	Connely Farm,	22.98	354	P	P	15 22 36.8	-1.0
R28A	Tribune	23.02	346	P	P	15 22 37.9	-0.4
Q32A	Meitler Ranch,	23.06	352	P	P	15 22 37.8	-0.8
R27A	Eads	23.22	344	P	P	15 22 40.4	+0.2
Q30A	Quinter	23.30	349	P	P	15 22 40.3	-0.6
Q29A	Oakley	23.36	348	P	P	15 22 41.3	-0.2
P32A	Duane Minner,	23.38	358	P	P	15 22 39.5	-2.1
R26A	Arlington	23.41	343	P	P	15 22 42.5	+0.5
P34A	Walnut Farm, R	23.44	356	P	P	15 22 40.2	-2.0
P36A	Good Intent, A	23.45	359	P	P	15 22 40.0	-2.2
SDCO	Great Sand Dun	23.57	338	P	P	15 22 44.4	+0.7
SDCO	Great Sand Dun	23.57	338	eP	P	15 22 44.8	+1.2
SDCO	Great Sand Dun	23.57	338	eP	P	15 22 59.5	+0.1
P32A	Huiling Farm,	23.68	353	P	P	15 22 43.9	-0.5
P31A	Stockton	23.69	351	P	P	15 22 44.2	-0.3
P30A	Selm	23.86	349	P	P	15 22 45.8	-0.2
O33A	Hebron	24.02	355	P	P	15 22 46.3	-1.1
S22A	4UR Ranch, Cre	24.06	336	eP	P	15 23 04.3	-0.2
O34A	Dalrice	24.07	356	P	P	15 22 46.1	-1.7
BLO	Bloomington	24.10	16	eP	P	15 22 45.3	-2.8
O32A	Brockman Farm,	24.28	353	P	P	15 22 49.7	0.0
MVCO	Mesa Verde	24.30	333	P	P	15 22 53.2	+3.0
O31A	Woolen Ranch,	24.30	351	P	P	15 22 50.0	0.0
WUAZ	Wupatki	24.39	326	eP	P	15 23 08.7	+1.2
O30A	MW Ranch, Wils	24.44	350	P	P	15 22 51.1	-0.2
O29A	4D Ranch, Culb	24.52	349	P	P	15 22 52.7	+0.8
Q24A	Divide	24.54	340	P	P	15 22 54.6	+2.2
P26A	Davis Ranch, A	24.56	344	P	P	15 22 54.2	+1.7
N31A	Bailey Ranch,	24.91	352	P	P	15 22 55.2	-0.3
PV01	Paradox Valley	25.11	334	eP	P	15 23 01.2	+3.7
PV01	Paradox Valley	25.11	334	eP	P	15 23 15.6	+1.5
YUH	Yuha Desert	25.29	315	eP	P	15 23 28.4	+4.6
YUH	Yuha Desert	25.29	315	eS	P	15 23 23.2	+3.3
M35A	Neola	25.30	358	P	P	15 22 58.1	-0.9
SMCO	Snowmass	25.37	337	eP	P	15 23 01.2	+1.2
SMCO	Snowmass	25.37	337	eP	P	15 22 58.6	-1.1
M34A	Aspy Farms, Fr	25.37	357	P	P	15 23 02.0	+0.1
M31A	Lambrecht Ranc	25.43	353	P	P	15 23 02.6	+1.8
ISCO	Idaho Springs	25.45	340	eP	P	15 23 18.4	+1.1
ISCO	Idaho Springs	25.45	340	eP	P	15 23 01.6	+0.9
PV04	Paradox Valley	25.47	333	P	P	15 23 18.0	+0.7
PV04	Paradox Valley	25.47	333	eP	P	15 23 08.2	+1.7
L30A	Spencer Herefo	26.12	352	P	P	15 23 08.2	+0.8
L31A	Butterfield Fa	26.23	353	P	P	15 23 08.2	+0.8
SNDA	J Saunders Pla	26.28	315	eP	P	15 23 26.6	+1.8
DNR	Dunn Ranch, Anz	26.30	315	eP	P	15 23 23.1	-1.8
GMRC	Grande Mounta	26.41	319	eP	P	15 23 28.4	+0.9
Q20A	White River Ci	26.68	337	eP	P	15 23 28.4	0.0
JFWS	Jewell Farm	27.01	7	eP	P	15 23 12.6	-1.9
J34A	George	27.12	358	P	P	15 23 14.6	-0.9
J31A	Geddes	27.32	354	P	P	15 23 17.0	-0.2
ECSD	EROS Data Cent	27.60	357	P	P	15 23 18.5	-1.2
ECSD	EROS Data Cent	27.60	357	eP	P	15 23 18.6	-1.0
J29A	Okreek	27.64	351	P	P	15 23 20.6	+0.6
I34A	Hadley	27.88	358	P	P	15 23 20.8	-1.4
CLC	China Lake	28.29	318	eP	P	15 23 42.5	-0.2
I28A	Midland	28.35	350	P	P	15 23 25.8	-0.6
H32A	Carlson Farm,	28.41	356	P	P	15 23 26.6	-0.3
H33A	Prehn Over Nor	28.55	357	P	P	15 23 26.4	-1.8
TJR	Tejate Ranch	28.57	316	eP	P	15 23 49.4	+4.1
SPMN	St. Paul	29.09	3	eP	P	15 23 31.0	-1.9
SPMN	St. Paul	29.09	3	eP	P	15 23 31.1	-1.8
H24A	Dirks Ranch, A	29.74	346	P	P	15 23 39.3	+0.5
NVAR	Mina Array Bea	30.38	322	P	P	15 23 45.2	+0.5
NVAR	Mina Array Bea	30.38	322	P	P	15 24 03.0	+1.5
TPAW	Teton Pass	30.59	337	eP	P	15 24 04.2	+0.8
D30A	Buchanan	31.11	355	P	P	15 23 50.1	-0.6
D29A	Pettibone, Tap	31.14	354	P	P	15 23 50.9	-0.2
D27A	Center	31					

8d 16h

Table of station data for the 8d 16h period, including columns for station name, coordinates, and other parameters.

2010 AUG

Main table of station data for 2010 AUG, including columns for station name, coordinates, and other parameters.

426

Table of station data for the 426 period, including columns for station name, coordinates, and other parameters.

8d 17h

2010 AUG

Table with columns: SIVA, SIVAS, ANOYIA, etc. and rows listing various astronomical objects with their coordinates and magnitudes.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, etc. and rows listing observation data for various stations like AFSSR, BALA, etc.

Table with columns: IBZA, IKOM, IKOMI, etc. and rows listing astronomical objects with their coordinates and magnitudes.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRAB, WRA, AS31, ASAR, KSR5, SONM, ILAR, TXAR.

RSR 08 18:52:55.1, 19.48N, 65.39W, h82km, 8km, MD3.9/7, 8C-8D,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like STVI, CPD, SJG, AOPR, CERP, OBIP, LSP, IDE.

MAN 08 18:52:57, 10.60N, 122.19E, h31km, mb4.3, ML3.2, MS3.0,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUIM, RCP, CUYO, OTRP, SJMP.

ISCJB 08 19:05:08.0, 8.2, 0.1N, 0.08, 127.71E, 0.08, h250km,

ISC 08 19:05:09.0, 6.9, 1.91N, 127.58E, h227km, 71km, mb3.1/4,

DJA 08 19:05:14.9, 1.2, 1.2N, 5.5, 127.0E, h180km, 12km, M3.9/10,

ISC 08 19:05:10.1, 0.9, 1.92N, 127.6E, 0.1, h250km, n14,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TMTI, LBMI, SGSI, KMSI, SANI, NLAI, LUWI, MRSI, APSI, JAY, WRA, ASAR, ASAR, STKA, MKAR.

WEL 08 19:05:30.8, 0.3, 36.65S, 177.36E, h171km, 5km, ML3.8/9,

Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HAZ, WMGZ, PUKETI, TWGZ, URZ, MWZ, RAGZ, CNZG, RIGZ, RAHZ, KAHZ, NMHZ, BKZ, ARHZ, MCHZ, KWHZ, BHZ, WNVZ, KRHZ, PHZ, TSZ, POWZ, MRZ, HOWZ, CAW, TCW, TUWZ, QRZ, THZ, LTZ, OXZ, MQZ.

2010 AUG

IDC 08 19:13:02.2, 3.1, 6.00S, 150.95E, h0km, mb3.7/2,

mb1 3.9/3, mb1mx3.4/29, mbtmp3.7/3, ML1.2/1, Error ellipse: s-maj=125.5km s-min=40.4km az=122.0, New

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

MAN 08 19:13:21, 10.79N, 122.11E, h18km, mb4.3, ML3.1, MS2.9,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUIM, KALP, RCP, CUYO, OTRP, SJMP, IPIL, PAGZ.

IDC 08 19:34:34.1, 1.4, 6.98S, 156.51E, h128km, 8km, mb3.7/10,

ISCJB 08 19:34:35.0, 0.7, 6.88S, 0.08, 156.55E, 0.09, h150km,

AUST 08 19:34:52.0, 2.3, 7.25S, 155.17E, h182km, Error ellipse:

ISC 08 19:34:36.0, 0.8, 7.05, 0.1, 156.55E, 0.1, h150km, n27,

ISC 08 19:34:36.0, 0.8, 7.05, 0.1, 156.55E, 0.1, h150km, n27,

ISC 08 19:34:36.0, 0.8, 7.05, 0.1, 156.55E, 0.1, h150km, n27,

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ISC 08 19:34:36.0, 0.8, 7.05, 0.1, 156.55E, 0.1, h150km, n27,

ISC 08 19:34:36.0, 0.8, 7.05, 0.1, 156.55E, 0.1, h150km, n27,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SJG, AOPR, CERP, SDDR.

FUNV 08 20:03:48.7, 6.74N, 73.20W, h169km, MW3.5

ISCJB 08 20:03:49.1, 0.7, 6.95N, 0.09, 73.1W, 0.1, h166km, Error

IDC 08 20:03:50.3, 7.6, 5.26N, 76.86W, h83km, 77km, mb1 3.4/1,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

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ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

ISC 08 20:03:52.7, 1.8, 7.1N, 0.1, 73.0W, 0.1, h166km, n10,

TORD Torodi Ar. Bea 149.35 285 PKPbc PKPbc 20 25 47.6 -0.9

1.2nm,0.8s,baz=85,slow=2.6,SNR=9.6

TAP 08 20:20:31.7, 24.16N, 122.89E, h36km, 2km, ML2.7, C

ISCJB 08 20:20:32.1, 0.4, 24.14N, 0.07, 122.91E, 0.02, h36km, 15km, Error ellipse: s-maj=11.8km s-min=3.3km az=171.6

JMA 08 20:20:32.0, 0.1, 24.19N, 122.89E, h48km, 5km, M2.1

ISC 08 20:20:32.7, 1.8, 24.16N, 0.07, 122.91E, 0.03, h35km, 3km, n30, c0.90/45, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their data points.

ISC 08 20:24:11.9, 4.6, 19.25S, 175.63W, h0km, mb3.5/3, mb1 3.8/3, mb1mx3.5/31, mbtmp3.5/3, MS3.1/1, Ms1 3.1/1, ms1mx2.7/21, Error ellipse: s-maj=291.5km s-min=32.0km az=153.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the Tonga Islands event.

ISC 08 20:38:29.6, 1.4, 10.81N, 122.54E, h0km, mb3.3/4, mb1 3.6/4, mb1mx3.4/47, mbtmp3.3/4, MS3.3/2, Ms1 3.3/2, ms1mx2.5/24, Error ellipse: s-maj=65.7km s-min=22.1km az=62.0

MAN 08 20:38:32, 10.92N, 122.05E, h1km, mb4.8, ML3.7, MS3.7

ISCJB 08 20:38:33.4, 0.5, 10.92N, 0.04, 122.09E, 0.04, h10km, mb3.3/4, MS3.3/2, Error ellipse: s-maj=6.7km s-min=5.2km az=11.5

ISC 08 20:38:32.3, 0.8, 10.90N, 0.04, 122.07E, 0.04, h10km, n17, c1.45/18, mb3.3/4, 2C, Panay

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the Panay event.

ISCJB 08 20:47:02.0, 0.7, 5.41N, 0.2, 35.2W, 0.1, h10km, mb3.4/8, MS3.3/4, Error ellipse: s-maj=26.2km s-min=11.3km az=8.8

ISC 08 20:47:02.4, 0.9, 5.41N, 35.17W, h0km, mb3.5/8, mb1 3.8/10, mb1mx3.5/40, mbtmp3.6/10, ML3.4/2, MS3.3/15, Ms1 3.3/15, ms1mx3.1/43, Error ellipse: s-maj=33.0km s-min=17.6km az=13.0

ISC 08 20:47:03.8, 0.8, 54.3N, 0.2, 35.2W, 0.1, h10km, n23,

0857/11, mb3.6/8, MS3.2/14, Reykjanes Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the Reykjanes Ridge event.

ISC 08 21:08:37.5, 6.2, 34.87S, 64.44E, h0km, mb4.0/4, mb1 4.2/4, mb1mx3.7/33, mbtmp4.0/4, MS3.2/2, Ms1 3.2/2, ms1mx2.8/30, Error ellipse: s-maj=182.6km s-min=45.9km az=63.0, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the Southwest Indian Ridge event.

NEIC 08 21:12:24.8, 61.90N, 149.22W, h5km, mb4.7/11, ML4.2(AE), MW4.2(SLM), After AEIC.

NEIC Felt [I]J at Palmer and Willow and [I]J at Eagle River and Wasilla. Also felt at Anchorage and Talkeetna.

ISCJB 08 21:12:25.2, 0.3, 61.90N, 0.02, 149.22W, 0.03, h17km, 3km, mb4.2/4, MS3.4/12, Error ellipse: s-maj=2.8km s-min=2.5km az=177.5

ISC 08 21:12:25.6, 0.6, 62.28N, 149.87W, h0km, mb4.0/20, mb1 4.2/23, mb1mx4.1/40, mbtmp4.0/23, ML3.8/3, MS3.4/14, Ms1 3.4/14, ms1mx3.1/37, Error ellipse: s-maj=15.0km s-min=13.1km az=39.0

ISC 08 21:12:24.5, 1.1, 61.90N, 0.02, 149.22W, 0.02, h7km, 2km, n153, c1.18/161, mb4.2/37, MS3.4/12, 3C, Southern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the Southern Alaska event.

WRH Wood River Hill 2.63 11 P Pn 21 13 07.7 -0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists numerous seismic stations and their data points.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CRE Caprese Michel, MTRZ Montenzoni, SEI Scarperia, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MBDF Montbardon, MOA Mollin, MFR La Foret Royal, etc.

DDA 08 21:34:49.7, 37.63N, 35.63E, h2km, MD3.5
ISCJB 08 21:34:50.8, 0.6, 37.57N, 0.03, 35.62E, 0.03, h5km, gkm, Error ellipse: s-maj=5.6km s-min=4.2km az=169.0

ATPC Poggio Castell 160m,0.7s 0.70 164 Pg Pb 21 52 45.1 -0.4
ATPC Poggio Castell 160m,0.7s 0.70 164 Pg Pb 21 52 45.1 -0.4

ORIF Oris-en-Rattie 4.58 282 ePn Pn 21 53 41.1 +1.5
CABF La Chapelle 4.95 302 eSn Sn 21 53 45.1 +0.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KOZT Koazan, KARA Karaisali, CEYT Ceyhan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FNVD Fontana Vidola, AVTO AVT- Monte Val, CAFI Castiglione Fio, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MBDF Montbardon, MOA Mollin, MFR La Foret Royal, etc.

GEN 08 21:52:30.3, 44.02N, 12.41E, h2km, ML2.4
LDG 08 21:52:31.2, 0.1, 44.18N, 12.37E, h10km, ML2.7/22, Error ellipse: s-maj=2.8km s-min=2.4km az=48.0

TEOL Teolo 123m,0.5s 1.26 343 Pg Pb 21 52 54.2 +0.2
TEOL Teolo 123m,0.5s 1.26 343 Pg Pb 21 52 54.2 +0.2

ISCJB 08 22:09:14.0, 0.5, 0.61N, 0.07x123.90E, 0.07, h300km, mb3.8/10, Error ellipse: s-maj=10.4km s-min=8.1km az=136.4

ROM 08 21:52:31.7, 0.2, 44.13N, 12.17E, h26km, 2km, MD2.9/25, ML2.3/22, Error ellipse: s-maj=2.2km s-min=1.8km az=28.0
ISCJB 08 21:52:31.7, 0.2, 44.13N, 12.17E, 0.03, h28km, 2km, Error ellipse: s-maj=3.4km s-min=2.8km az=44.1

PII Pisa 40m,0.2s 1.28 251 Pg Pb 21 52 55.0 -0.3
PII Pisa 40m,0.2s 1.28 251 Pg Pb 21 52 55.0 -0.3

DJA 08 22:09:17.2, 0.6, 1.1N, 4.12E, h225km, 8km, M4.5/15, mb4.4/4, mB4.7/2, MLV4.5/15, Mw(mB)3.9/2
IDC 08 22:09:49.3, 3.7, 2.52N, 123.46E, h545km, 44km, mb3.3/11, mb1.3/3.1, mb1mx3.1/3.3, mbmt4.2/1.1, Error ellipse: s-maj=19.3km s-min=19.3km az=68.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BRSN Barisano, BLLA Bellaria, FAEN Faenza, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MAIM Mastiano, TEOL Teolo, PII Pisa, etc.

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

GEN 08 21:52:31.9, 0.9, 44.15N, 0.02, 12.19E, 0.02, h25km, 5km, n165, 0897/216, 23C-16D, Northern Italy

OBKA Obir 2.88 34 Pg Pb 21 53 17.0 +0.6
OBKA Obir 2.88 34 Pg Pb 21 53 17.0 +0.6

IDC 08 22:29:42.7, 4.1, 2.001S, 168.65E, h0km, mb3.8/2, mb1.4/0.3, mb1mx3.6/2.7, mbmt3.7/3, ML3.2/1.1, MS3.0/1, Ms1 3.0/1, ms1mx2.5/2.7, Error ellipse: s-maj=101.5km s-min=52.5km az=129.0, Loyalty Islands

9d 0h

ASAR Alice Springs 32.41 257 P P 22 36 15.2 +0.5
GERES GERES Array B 144.90 31 PKPb 22 49 21.1 0.0

IDC 08 22:54:14.6±2.3,29.41N:56.74E,h0km,mb3.7/5,
mb1 3.7/6,mb1mx3.4/50,mbtmp3.7/6,ML3.7/1,MS3.0/3,
Ms1 3.0/3,ms1mx2.6/34,Error ellipse: s-maj=58.5km
s-min=22.6km az=150.0

THR 08 22:54:15.7±0.9,29.71N:56.89E,h18km,11km,ML3.9
ISCJB 08 22:54:16.7±0.4,29.70N:0.03:56.74E±0.05,h10km,
mb3.6/5,MS3.1/2,Error ellipse: s-maj=6.5km s-min=4.0km
az=3.6

CSEM 08 22:54:16.8±0.2,29.70N:56.81E,h2km,ML4.2,Error
ellipse: s-maj=7.3km s-min=4.5km az=89.0
TEH 08 22:54:18.5±0.2,29.72N:56.82E,h5km,ML4.2
DSN 08 22:54:51.2±0.0,27.14N:56.79E,h10km,mb3.7/7,ML3.4/2,
Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

ISC 08 22:54:16.7±0.8,29.66N:0.04:56.76E±0.04,h10km,n48,
±172/53,mb3.6/5,1C-3Z,Southern Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like KRBR Kerman, TVBK TV Kerman, CHMH Cheshme madani, etc.

AUST 08 22:57:00.8±0.0,8.20S:100.78E,h266km,Error ellipse:
s-maj=3.9km s-min=1.3km az=352.0
DJA 08 22:57:46.1±0.5,8.5S±10.5E±,h10km,M4.0/3,mb4.3/1,
MLV3.9/3
IDC 08 22:57:46.3±1.6,8.12S:104.90E,h0km,mb3.8/8,
mb1 3.9/9,mb1mx3.7/45,mbtmp3.8/9,ML4.0/1,MS3.0/1,
Ms1 3.0/1,ms1mx2.5/30,Error ellipse: s-maj=47.8km
s-min=23.4km az=35.0

ISCJB 08 22:57:48.3±0.6,8.17S:0.06:104.99E±0.05,h33km,
mb3.8/8,Error ellipse: s-maj=8.0km s-min=6.4km az=13.2
ISC 08 22:57:51.8±1.1,8.05S±10.1050E±0.07,h35km,n26,
±109/24,mb3.8/8,Jawa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like CGJI Cibinong, SKJI Sukabumi, CNJI Cibinong, etc.

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Table with columns: UGM, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Wanaqama, Chiang Mai Arr, Warranga Arr, etc.

BUJ 08 23:10:22.2,40.94N:74.52E,h8km,ML3.7/7
KRNET 08 23:10:24.5±0.1,40.91N:74.85E,h16km,mb3.6
NNC 08 23:10:27.4±2.7,40.72N:75.02E,h71km,61km,mb3.6,
mpv3.9,Error ellipse: s-maj=20.8km s-min=10.3km
az=111.0

ISC 08 23:10:26.6±1.2,40.98N:0.03:74.79E±0.03,h19km,4km,
n31,±0.93/51,12C-22D,Kyrgyzstan-Xinjiang border
region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like ARLS Aral, NRN Naryn, KZA Kyzart, etc.

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Table with columns: SFK, MNAS, WRA, H08S2, H08S3, H08S1, SONM, MKAR, KURBB, ZALV, BVAR, BRTR, TXAR, etc. Lists stations and their coordinates.

UPP 08 23:36:35.5,67.86N:20.21E,h0km,ML1.2,Mining
explosion.
CSEM 08 23:36:35.7±0.3,67.87N:20.33E,h2km,ML1.2,Error
ellipse: s-maj=7.1km s-min=4.3km az=86.0,Mining
explosion.

HEL 08 23:36:35.4±0.1,67.86N:20.10E,h0km,ML1.7,
ML1.2(UPP),Explosion,Sweden

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like KUA Kurravaara, LANU Lannavaara, MASU Masugnbyn, etc.

CSEM 08 23:36:45.1,67.85N:20.18E,h0km,ML1.5,Mining
explosion.
UPP 08 23:36:45.1,67.85N:20.18E,h0km,ML1.5,Mining
explosion,Sweden

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

MEX 08 23:45:41.5±0.4,18.98N:103.38W,h16km±7km,MD3.9,
Near coast of Michoacan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like EZSV, R1SV, MMIG, etc.

MAN 09 20:00:54,12.59N:120.46E,h22km,mb4.4,ML3.3,MS3.1,
2D,Mindoro

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like BUSB, SUMP, S1MP, etc.

IDC 09 00:09:51.7±2.5,8.10N:103.58W,h0km,mb3.6/6,
mb1 4.0/6,mb1mx3.8/19,mbtmp3.7/6,MS3.5/8,Ms1 3.5/8,
ms1mx3.3/26,Error ellipse: s-maj=107.2km
s-min=26.4km az=56.0,Northern East Pacific Rise

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

IGQ 09 00:10:02.0.6, 0.30S, 81.749W, h3km, 14km, Mb4.2, 3C-5D, Error ellipse: s-maj=4.4km s-min=3.3km az=8.3, Off coast of Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Cerro-Chispas, JAMA, PECV, etc.

CSEM 09 00:10:10.9, 39.42N, 17.22E, h11km, MD2.6/11, ROM 09 00:10:10.9, 0.4, 39.42N, 17.22E, h11km, MD2.6/11, M2.2/10, Error ellipse: s-maj=4.8km s-min=2.2km az=11.0

ISCJB 09 00:10:12.0, 0.4, 39.43N, 0.04, 17.15E, h16km, Error ellipse: s-maj=5.2km s-min=3.6km az=7.1

ISC 09 00:10:12.4, 0.9, 39.46N, 0.03, 17.06E, h16km, n34, o=8642, Southern Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like San Nicola del, LADO, PIPA, etc.

TIR 09 00:34:23.6, 41.80N, 19.55E, h27km, ML2.7, ATH 09 00:34:28.9, 41.92N, 19.51E, h28km, MD3.5/7, PDG 09 00:34:29.4, 0.1, 41.81N, 19.67E, h9km, MD2.6/2, KNT M2.7/11, Error ellipse: s-maj=0.3km s-min=0.3km az=90.0

THE 09 00:34:29.6, 41.81N, 19.68E, h0km, 2km, ML2.5/2, Error ellipse: s-maj=2.3km s-min=0.8km az=293.0

CSEM 09 00:34:29.6, 0.2, 41.80N, 19.64E, h2km, ML2.7, Error ellipse: s-maj=2.5km s-min=2.5km az=64.0

BEQ 09 00:34:29.6, 0.5, 41.74N, 19.52E, h9km, 4km, ML2.4/1, SKO 09 00:34:30.0, 41.80N, 19.66E, h3km, M1.8, ML2.1, ISC 09 00:34:29.6, 1.1, 41.80N, 0.01, 19.65E, h3km, 9km, n106, o1908/175, 11C-20D, Albania

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

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

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

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

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

IDC 09 00:38:25.2, 0.9, 19.43S, 70.74W, h0km, mb4.1/6, mb1 4.5/7, mb1mx4.1/25, mbtrmp4.2/7, ML1.8/1, MS3.2/4, Ms1 3.2/4, ms1mx3.0/22, Error ellipse: s-maj=30.8km s-min=22.3km az=63.0

ISCJB 09 00:38:27.0, 0.7, 19.48S, 0.05, 71.03W, 0.07, h2km, mb4.1/7, MS3.4/1, Error ellipse: s-maj=9.7km s-min=7.3km az=163.6

GUC 09 00:38:28.2, 0.6, 19.50S, 71.02W, h49km, 999km, ML4.5, ISC 09 00:38:28.4, 0.7, 19.52S, 0.07, 70.99W, 0.08, h22km, n28, o1929/27, mb4.0/7, 2C, Near coast of northern Chile

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

GUC 09 00:52:03.0, 0.6, 37.74S, 73.39W, h41km, 4km, ML4.1, Near coast of central Chile

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

DDA 09 00:52:53.1, 38.98N, 29.82E, h7km, MD3.0, ISK 09 00:52:53.3, 38.97N, 29.76E, h4km, MD2.9, CSEM 09 00:52:53.6, 0.1, 38.97N, 29.82E, h2km, MD3.0, Error ellipse: s-maj=3.3km s-min=2.3km az=138.0

ISC 09 00:52:53.4, 1.0, 38.98N, 0.02, 29.83E, h9km, 10km, n49, o972/73, Turkey

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

Table with columns: KULA, Kula-Manisa, 1.03 243 ePg, Pg, 00 53 12.5 -0.6, comp=Z,100nm,0.5s, A, A, 00 56 16.2, KSRS Korea Array, 22.67 252 eP, P, 00 58 57.3 -0.1

Table with columns: PET, comp=Z,90nm,0.5s, A, A, 00 56 16.2, KSRS Korea Array, 22.67 252 eP, P, 00 58 57.3 -0.1

Table with columns: KSRS Korea Array, 22.67 252 eP, P, 00 58 57.3 -0.1, KSRS Korea Array, 22.67 252 eP, P, 00 58 57.3 -0.1

IDC 09 00:53:54.5:0.6, 48:37N:154:85E, h0km, mb4.0/16, mb1 4.2/20, mb1mx4.0/56, mbtmp4.0/20, ML3.4/4, MS3.6/11, Ms1.3/6/11, ms1mx3.3/42, Error ellipse: s-maj=19.0km, s-min=13.1km az=141.0

SKHL 09 00:53:56.6:1.0, 48:06N:155:79E, h45km, 7km, mbs.1/3, mbs.1/1, Ms4.0/7, msh4.9/2, KRSC 09 00:53:56.6:1.0, 48:27N:156:47E, h21km, 25km, ML4.7, MOS 09 00:53:57.3:1.1, 48:37N:155:05E, h28km, mb4.6/11, Error ellipse: s-maj=11.4km s-min=4.9km az=75.3

SKHL 09 00:53:56.6:1.0, 48:06N:155:79E, h45km, 7km, mbs.1/3, mbs.1/1, Ms4.0/7, msh4.9/2, KRSC 09 00:53:56.6:1.0, 48:27N:156:47E, h21km, 25km, ML4.7, MOS 09 00:53:57.3:1.1, 48:37N:155:05E, h28km, mb4.6/11, Error ellipse: s-maj=11.4km s-min=4.9km az=75.3

NEIC 09 00:53:58.7:2.0, 48:34N:154:81E, h30km, 14km, mb4.6/7, Error ellipse: s-maj=12.4km s-min=5.4km az=135.0

NEIC 09 00:53:58.7:2.0, 48:34N:154:81E, h30km, 14km, mb4.6/7, Error ellipse: s-maj=12.4km s-min=5.4km az=135.0

NEIC 09 00:53:58.7:2.0, 48:34N:154:81E, h30km, 14km, mb4.6/7, Error ellipse: s-maj=12.4km s-min=5.4km az=135.0

SZGRF 09 00:54:07.0, 49:43N:155:03E, h33km, mb4.5, Kuril Islands, Russia

SZGRF 09 00:54:07.0, 49:43N:155:03E, h33km, mb4.5, Kuril Islands, Russia

SZGRF 09 00:54:07.0, 49:43N:155:03E, h33km, mb4.5, Kuril Islands, Russia

Table with columns: Code, Station Name, Delta, Az, Phase, ID, ISC, Time, Res, ISC, SKR Severo-Kuril's, 2.45 13 eP, Pn, 00 54 36.9 -0.4

Table with columns: YUK Yuzh-Kuril'sk, 7.80 240 i P, Pn, 00 55 50.8 +0.1, YUK Yuzh-Kuril'sk, 7.80 240 i P, Pn, 00 55 50.8 +0.1

Table with columns: WRA Warramunga Arr, 70.47 201 eP, P, 01 05 10.2 +0.5, WRA Warramunga Arr, 70.47 201 eP, P, 01 05 10.2 +0.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include BZS, BRTR, PKSM, RJOB, SOKA, KBA, BFO, BFO, WATA, MOTA, ABTA, DIVS, ECH, ECH, VTS, DAVA, FETA, STKA, TUE, CPUP.

IDC 09 00:58:25.1±18.0, 21.31S, 178.31W, h524km, 181km, mb3.77, mb1 3.8/7, mb1mx3.2/38, mbtmp4.7/7, Error ellipse: s-maj=117.2km s-min=35.8km az=89.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include CTA, STKA, JAY, ASAR, WRA, SJJI, MJAR, ARCES, AKASG, BRTR, GERES.

IDC 09 00:59:36.2±1.1, 6.28N, 82.69W, h0km, mb4.2/16, mb1 4.5/20, mb1mx4.3/30, mbtmp4.3/20, ML4.5/3, MS3.8/20, Ms1 3.8/20, ms1mx3.7/28, Error ellipse: s-maj=33.4km s-min=14.8km az=28.0

ISC/JB 09 00:59:37.0±0.3, 6.42N, 0.04E, 82.60W, 0.02, h10km, mb4.6/94, MS3.9/13, Error ellipse: s-maj=5.3km s-min=3.0km az=5.1

NEIC 09 00:59:37.8±0.4, 6.22N, 82.58W, h10km, mb4.7/91, Error ellipse: s-maj=8.3km s-min=4.8km az=197.0

CASC 09 00:59:38.2±7.7, 6.54N, 82.58W, h0km, 13km, MD4.3, mb4.7(NEIC)

ISC 09 00:59:37.0±0.6, 6.29N, 0.07E, 82.65W, 0.04, h10km, n468, s109/462, mb4.6/95, MS3.9/13, 5C, South of Panama

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include ACR, CTR, AZU, PNME, BUS, ZANG, ZANG, BCIP, BCIP, BCIP, UPIG, CGAZ, CAO, JCAR, JCAR, JTS, JTS, JTS, FORC, FORC, VCR, YCAR, AMAS, CUJ, HORNC, UPDZ, GPSZ, LAPC, BUEV, GB1A, OTAV, OTAV, ROSC, ROSC, ROSC, CNCH, LFRS, LBRS, LFU, SNET, SNET, SNET, RTR, RBDL, MRL, NRG, FUG, JAT, SDV, MTJD, ATAH, GTBY, LGNH, CMIG, CMIG.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include SDDR, PCRV, PCRV, NNA, OBIP, AOPR, SJG, SJG, SJG, CPD, HUMP, CDVI, SVTI, DWVI, PTGA, PTGA, TIGA, TIGA, 035A, 034A, 034A, 835A, 736A, 834A, 933A, LPAZ, 636A, LRAL, 734A, 833A, 340A, 733A, 832A, 535A, 732A, 633A, JSC, 534A, 534A, 533A, 434A, 631A, 532A, KMSC, 433A, 334A, JCT, JCT, 136A, 531A, 333A, TKL, 530A, 431A, 332A, 231A, 330A, MIAR, 331A, 430A, 232A, 232A, Z35A, H06E1, 429A, 133A, LTXA, 231A, X38A, 330A, X37A, Y35A, ABTX, ABTX, Z33A, Z30A, SIV, BLA, 131A, Z32A, 229A, 130A, Y33A.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include V38A, Z31A, SLBS, X34A, V37A, Y32A, LVC, 228A, 129A, TUL1, U38A, Z30A, X32A, WMOK, Y31A, 128A, U37A, V35A, Z29A, Y30A, X31A, W32A, Z28A, U35A, Y29A, T37A, X30A, V33A, T36A, V32A, Y28A, T35A, X29A, S37A, MSTX, V31A, X28A, S36A, U32A, W29A, S35A, R37A, ACSO, R36A, Q37A, R35A, SFIN, U30A, T31A, V28A, SSPA, R34A, Q36A, Q35A, HDIL, HDIL, S31A, R33A, U28A, Q34A, P36A, 121A, T29A, R32A, S30A, P35A, U27A, Q33A, R31A, S29A, T28A, Q36A, P34A, BNM, Q32A, R30A, KSPA, S28A, Q35A, Q31A, LAZ, ANMO, Q34A, T26A, Q30A.

Table with columns for ID, Name, Time, Date, Status, and other details. Rows include O33A Hebron, R28A Tribune, N35A Tabor, P31A Stockton, Q29A Oakley, T25A Trinidad, T25A Trinidad, N34A Lincoln, P30A Selden, R27A Eacraft, N33A J Bar K, Xetex, TUC Tucson, O31A Woolen Ranch, M35A Neola, Q28A Sharon Springs, P29A Altwood, R26A Arlington, JFW5 Jewell Farm, KSCO Kaye Shedlock, KSCO Kaye Shedlock, P28A Saint Francis, Q26A Hugo, SDCO Great Sand Dun, SDCO Great Sand Dun, P27A Ficken Ranch, M31A Lambrecht Ranc, 214A Organ Pipe Nat, P26A Davis Ranch, W18A Petrified Fore, W18A Petrified Fore, O27A Beecher Island, N28A Pribbeno Ranch, S22A 4UR Ranch, Cre, S22A 4UR Ranch, Cre, Q24A Divide, L31A Butterfield Fa, M29A Burnside Ranch, O26A Horse Wrangler, OGN6 Ogallala, K32A Verdigre, N27A Anderson Farm, MVC0 Mesa Verde, MVC0 Mesa Verde, I35A Creekview Farm, K30A Basset, ISCO Idaho Springs, ISCO Idaho Springs, ECSD EROS Data Cent, ECSD EROS Data Cent, WUAZ Wupatki, WUAZ Wupatki, SMCO Snowmass, PV01 Paradox Valley, PV05 Paradox Valley, J30A Dallas, SPMN St. Paul, PV04 Paradox Valley, PV10 Paradox Valley, GLA Glamis, GLA Glamis, J29A Okreek, H33A Prehn Over Nor, H32A Carlsson Farm, Y12C Blythe, N23A Red Feather La, N23A Red Feather La, PDMC1 Parker Dam, Lak, BDFB Brasilia, SWSC Sam W. Stewart, I29A Vivian Onida, CPUP Villa Florida, O20A White River Ci, O20A White River Ci, BC3 Big Chukcawall, IRM Iron Mountain, I28A Midland, J26A Sides Ranch, S, MONP Monument Peak, KNB Kanab, SRU San Rafael, G30C Borrego Spring, BORC Faulkton, I27A Quinn, BELC Belle Mtn. Jos, J25A Sunshine Ranch, PFO Pinyon Flat Ob,

Table with columns for ID, Name, Time, Date, Status, and other details. Rows include PFO Pinyon Flat Ob, PFO Pinyon Flat Ob, 109C Camp Elliot, GMRC Granite Mouta, K23A Bowen Ranch, D, TMUT Trail Mountain, G28A Paradise, H27A Howes, CCUT Cedar City, F30A Leola, K22A Casper, K22A Casper, MURC Murrleta, H26A Fairpoint, HEC Hector, Ludlow, RSSD Black Hills, I24A Kuemmerle Ranc, F29A Eureka, TUQ Turquoise Moun, EYMN Ely, Y1MN Ely, SHPR Sheep Range, G27A Dupree, J22A McLaughlin, E30A Jud, MPU Maple Canyon, J22A Midwest, S21A San Clemente I, BFSC Mount Baldy Ra, GSC Goldstone, GSC Goldstone, NLU North Lily Min, H24A Dirks Ranch, A, J21A Lysite, I22A 9 Mile Ranch, D30A Buchanan, CTU Camp Tracy, J20A Shoshoni, I21A Big Trails, Te, E27A Carson, EDW2 Edwards Air Fo, TPNV Topopah Spring, TPNV Topopah Spring, G24A Alzada, DUG Dugway, DUG Dugway, AGMN Agassiz Nation, AGMN Agassiz Nation, FURC Furnace Creek, H22A Clearmont, BW06 Boulder Array, PD31 Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, C30A Mose, Pekin, G23A Biddle, MPMC Manual Prospec, J19A Crowheart, D28A Regan, HWUT Hardware Ranch, I20A Worland, R11A Troy Canyon, R11A Troy Canyon, H21A Big Horn, Sher, MDND Maddock, MDND Maddock, BGU Big Grassy Mou, E25A Miller Ranch, G22A Birney, ISA Isabella, GRAC Grapevine Rang, H20A Greybull, B30A Myrvik Farm, E, HVU Hazel Valley, B29A Wagenman Farm, REDR Red Top Meadow, YES Vestal, Richgr, PKM Peak Mountain, SNOW Snow King Moun, A30A Hoffart Farm, TPH Tonopah, LOHW Long Hollow, H19A Powell,

Table with columns for ID, Name, Time, Date, Status, and other details. Rows include TPWA Teton Pass, G20A Bridger, MOOW Moose Ponds, A29A Manning Farm, FXWY Fox Creek, C25A Freed Ranch, W, IMW Indian Meadow, FLWY Flagg Ranch, ELK Elko, A28A Rude Farm, Bot, LAO LASA Array, RLMT Red Lodge, B26A Jensen Ranch, F20A Billing, ULM Lac du Bonnet, ULM Lac du Bonnet, ULM Lac du Bonnet, YFT Old Faithful, NV01 Mina Array Sit, NV01 Mina Array Bea, NVAR Mina Array Bea, NVAR Mina Array Bea, GCMT Greycliff, QLMT Earthquake Lak, BWN Battle Mountai, BAKR Walker, HLID Hailey, HLID Hailey, MCMT McKenzie Canyo, BOZ Bozeman (W), DLMT Dillon, LRM Limekiln Ridge, MFID Camas Ranch, EGMT Eagleton, EGMT Eagleton, MSO Missoula, MSO Missoula, BSMT Basso Peak, G08A Pilot Rock, SCHQ Schefferville, SCHQ Schefferville, SCHQ Schefferville, J05D Fort Rock, OR, YBH Yreka Blue Hor, YBH Yreka Blue Hor, WALA Werten Lakes, J04D Umpqua Nationa, NEW Newport, NEW Newport, NEW Newport, I04A Tendick Farm, D08A Wollman Farm, G05D Wamic, OR, I03D Drain, OR, EDM Edmonton, RKT Rikitea, YKA Yellowknife Ar, YKBS Yellowknife Ar, DLBC Dease Lake, PPT Papeete2, PPT2 Papeete2, EGAK Eagle Summit, SUMG Summit, SUMG Summit, ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, RND Reindeer, BPAW Bear Paw Mtn., CAST Castle Rocks, ESCD Sonseca Array, ESCD Sonseca Array, TOAO Torodi Ar. Sit, TORO Torodi Ar. Be, NOB200 NORAS Array B, NOA NORAS Array B, CLL Collin, GERES GERESS Array B, H11S1 WAKE ISLAND Hy07, H11S2 WAKE ISLAND Hy07, H11S3 WAKE ISLAND Hy07, MK32 Makanchi Array, MKAR Makanchi Array, SONAO Songoing Array, SONM Songoing Array, KSR5 Korea Array, KSR5 Korea Array, KS15 Wunu Arr Si, KSAR Wunu Arr Si, AS12 Alice Springs, ASAR Alice Springs, WRA Warramunga Arr,

IDC 09 01:02:05.8.2.2.26.88N.53.96E, h0km, mb3.6/8, mb1 3.6/8, mb1mx3.5/22, mbtmp3.6/8, MS3.0/1, Ms1 3.0/1, ms1mx2.4/35, Error ellipse: s-maj=51.1km s-min=21.9km az=160.0

THR 09 01:02:06.0.7.2.26.83N.53.97E, h14km, 10km, ML3.5

ISC 09 01:02:08.7.1.2.26.9N.0.1.53.96E.0.08, h19km, n12, c0597/12, mb3.5/8, Southern Iran

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Ghir-Karzin, Bandar-Abbas, Kerman, KRB, etc.

IDC 09 01:05:59.2.2.6.70S.150.70E, h0km, mb3.3/3, mb1 3.7/3, mb1mx3.4/25, mbtmp3.4/3, Error ellipse: s-maj=139.2km s-min=30.3km az=126.0, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Warramunga Arr, Alice Springs, Elion Array, etc.

ISCJB 09 01:06:31.5.0.6.6.87N.0.07x3.11W.0.09, h166km, mb3.6/3, Error ellipse: s-maj=14.0km s-min=6.7km az=30.0

IDC 09 01:06:31.9.1.9.6.91N.72.91W, h163km, 18km, mb3.4/3, mb1 3.5/5, mb1mx3.1/27, mbtmp3.9/5, Error ellipse: s-maj=32.9km s-min=20.2km az=158.0

FUNV 09 01:06:32.6.6.77N.73.15W, h172km, MW3.6

ISC 09 01:06:32.0.0.9.6.86N.0.07.73.07W.0.09, h166km, n20, c1503/22, mb3.7/3, LD, Northern Colombia

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Capacho, El Rosal, Elov, etc.

ISCJB 09 01:22:24.9.0.5.37.36N.0.02.23.67E.0.03, h22km, 3km, Error ellipse: s-maj=4.3km s-min=3.4km az=44.0

THE 09 01:22:24.8.37.37N.23.66E, h11km, 1km, ML2.0/0, Error ellipse: s-maj=1.3km s-min=0.5km az=310.0

CSEM 09 01:22:24.4.0.2.37.37N.23.66E, h15km, MD3.0, Error ellipse: s-maj=3.2km s-min=2.3km az=110.0

ATH 09 01:22:24.6.37.40N.23.62E, h25km, MD3.0, ML1.8

ISC 09 01:22:24.6.1.0.37.38N.0.02.23.65E.0.02, h16km, 7km, n65, c0542/17, Southern Greece

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Didima, Krandi, Nisos, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Villia, Loutraki, Veliia, etc.

DJA 09 01:25:01.6.0.3.1.5.12.2E.1, h10km, M3.8/11, mb3.8/1, mB5.1/1, MLV3.7/11, Mw(MB)4.5/1, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Ampana, Luwuk, Marisa, etc.

ISCJB 09 01:27:08.8.0.9.35.92N.0.03.31.23E.0.02, h18km, 10km, Error ellipse: s-maj=5.1km s-min=3.1km az=14.6

DDA 09 01:27:09.5.36.06N.31.28E, h4km, MD3.2

ISC 09 01:27:09.9.35.92N.31.24E, h33km, ML3.2

CSEM 09 01:27:09.1.0.2.35.94N.31.25E, h10km, MD3.2, Error ellipse: s-maj=5.7km s-min=3.2km az=29.0

NIC 09 01:27:11.7.36.15N.31.63E, h12km, mb4.0, ML3.8

ISC 09 01:27:08.9.1.1.35.94N.0.03.31.26E.0.02, h15km, 9km, n90, c0598/12, Cyprus region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Gazipasa, Antalya, Akamas, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Prodromos, Lefkose, KHL, etc.

IDC 09 01:32:04.0.0.8.30.23N.94.89E, h0km, mb3.8/12, mb1 3.8/15, mb1mx3.7/51, mbtmp3.7/15, ML3.1/2, MS2.7/1, Ms1 2.7/1, ms1mx2.3/37, Error ellipse: s-maj=29.8km s-min=15.8km az=54.0

ISCJB 09 01:32:07.0.0.6.30.22N.0.10.94.9E.0.2, h33km, mb3.8/12, Error ellipse: s-maj=21.3km s-min=11.1km az=153.0

ISC 09 01:32:09.2.0.7.30.3N.0.1.94.9E.0.2, h35km, n15, c0599/15, mb3.8/12, Xizang

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Chiang Mai Arr, Kurbb, etc.

ISCJB 09 01:38:29.1.1.2.26.4N.0.2.96.46E.0.09, h88km, mb3.3/3, Error ellipse: s-maj=21.9km s-min=12.0km az=5.4

IDC 09 01:38:33.7.5.2.26.46N.96.46E, h122km, 5.7km, mb3.0/3, mb1 3.2/4, mb1mx3.0/29, mbtmp3.4/4, Error ellipse: s-maj=134.6km s-min=25.6km az=60.0

ISC 09 01:38:30.6.1.4.26.6N.0.2.96.4E.0.1, h88km, n5, c159/6, mb3.6/3, Myanmar

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Shilong, Chiang Mai Arr, etc.

IDC 09 01:40:37.6.1.2.12.73S.71.30W, h0km, mb4.0/7, mb1 4.2/12, mb1mx4.1/23, mbtmp4.2/12, ML4.0/4, MS3.4/7, Ms1 3.4/7, ms1mx3.0/25, Error ellipse: s-maj=37.1km s-min=18.9km az=47.0

NEIC 09 01:40:39.0.1.13.10S.71.27W, h18km, mb4.1/1, ML4.2(ARE), After ARE.

NEIC Felt [I] at Paucantambo and Urcos.

ISC 09 01:40:41.1.0.7.12.82S.0.08.71.22W.0.07, h33km, mb3.9/8, MS3.4/4, Error ellipse: s-maj=11.0km s-min=9.3km az=7.8

ISC 09 01:40:42.3.0.7.12.89S.0.09.71.33W.0.08, h35km, n22, c14/18, mb4.1/8, MS3.4/4, Central Peru

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like LPaz, Nana, NNA, etc.

Table of astronomical observations for 9d 3h, listing station names, coordinates, and observation times.

Table of astronomical observations for 2010 AUG, listing station names, coordinates, and observation times.

Table of astronomical observations for 2010 AUG, listing station names, coordinates, and observation times.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Kota Agung, Christmas Isla, XMI5, etc.

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

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

9d 3h

2010 AUG

Table with columns for ID, Name, Date, Time, and various codes. Includes entries like 035A Humboldt, 036A Spurr Ranch, 037A Tulia, etc.

Table with columns for ID, Name, Date, Time, and various codes. Includes entries like ABTX 530A J-C Ranch, 531A Smith Ranch, 532A San Angelo, etc.

Table with columns for ID, Name, Date, Time, and various codes. Includes entries like 436A Wall Ranch, 138A Matatal Enter, 635A Leesville, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like BDFB, BDFB, BDFB, etc.

CRAAG 09 03:40:54.1, 35.88N;4.09E, M13.6
ISC/JB 09 03:40:56.0, 8.36, 14N;0.05:4.04E;0.04, h8km;7km,
Error ellipse: s-maj=9.1km s-min=4.9km az=176.5

CSEM 09 03:40:56.4, 0.2, 36.02N;4.10E, h2km, M13.6, Error
ellipse: s-maj=6.5km s-min=3.4km az=0.0

MDD 09 03:40:56.5, 0.5, 35.91N;4.10E, h0km, m3.8/12, Error
ellipse: s-maj=10.7km s-min=3.5km az=17.0, PRXIMO

ISC 09 03:40:56.5, 1.4, 36.05N;0.05:4.10E;0.02, h4km;12km,
n74, c11N/94, Northern Algeria

Main table listing station codes (AKET, ATAF, ADJB, etc.), station names (Djebel Ketaf, Djebel Taf, etc.), and associated data.

Table listing station codes (SESP, CFON, EQES, etc.), station names (Santiago Espad, Fontmartina, Quesada, etc.), and associated data.

DDA 09 04:06:16.9, 38.55N;26.96E, h7km, MD2.8
ISK 09 04:06:16.7, 38.57N;26.98E, h8km, MD2.8

ISC/JB 09 04:06:17.1, 0.5, 38.57N;0.02:26.97E;0.03, h7km;4km,
Error ellipse: s-maj=4.1km s-min=4.0km az=14.4

CSEM 09 04:06:17.3, 0.1, 38.55N;26.96E, h10km, MD2.8, Error
ellipse: s-maj=2.6km s-min=2.4km az=51.0

ISC 09 04:06:17.1, 1.0, 38.55N;0.02:26.96E;0.02, h9km;8km,
n23, c047/46, Aegean Sea

Table listing station codes (BLCB, BLCB, URLA, etc.), station names (Balcova, Izmir, Dikili, etc.), and associated data.

ICD 09 04:10:03.8, 2.0, 38.76N;21.53E, h0km, m3.4/2,
m1 3.2/4, m1tmx3, 1/29, mbtm3, 2/4, ML2, 7/2, MS3, 1/1,
Ms1 3, 1/1, ms1mx2, 1/27, Error ellipse: s-maj=41.0km
s-min=28.8km az=141.0

THE 09 04:10:04.8, 3.8, 50N;21.67E, h0km, 1km, ML3, 1/13, Error
ellipse: s-maj=1.6km s-min=0.5km az=250.0

CSEM 09 04:10:04.8, 0.1, 38.50N;21.67E, h2km, ML3.1, Error
ellipse: s-maj=2.0km s-min=1.7km az=59.0

ATH 09 04:10:04.8, 3.8, 49N;21.67E, h14km, MD2.9/17, ML2.9

ISC/JB 09 04:10:04.8, 0.3, 38.50N;0.01:21.66E;0.02, h6km;2km,
mb3, 3/2, MS3, 0/1, Error ellipse: s-maj=2.3km s-min=2.0km
az=138.9

SKO 09 04:10:07.8, 38.47N;21.84E, h10km
ISC 09 04:10:05.9, 0.8, 38.50N;0.01:21.67E;0.01, h10km;5km,
n133, c09N/203, Greece

Main table listing station codes (PVO, ENIJ, ETOB, etc.), station names (Paravola, Nijar, Tobarra, etc.), and associated data.

Main table listing station codes (EVR, DRO, DRO, etc.), station names (Evrytania, Drossia, Desfina, etc.), and associated data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BARS Barje, IVAS Ivanjica, MSPL Masin, etc.

IDC 09 04:18:50.6:1.6, 56.365:27.85W, h0km, mb3.9/2, mb1.4/0.2, mb1mx3.6/2.2, mbmtmp3.9/2, Error ellipse: s-maj=71.7km s-min=41.7km az=9.0

ISC 09 04:18:51.9:2.0, 56.45:0.6:27.9W:0.3, h10km, n12, o594/6, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LPAZ La Paz, TORD Torodi Ar. Bea, H08S1 Diego Garcia H, etc.

ISCJCB 09 04:32:18.7:0.6, 6.44N:0.05:82.65W:0.03, h14km, mb4.1/1.5, MS3.1/1, Error ellipse: s-maj=7.8km s-min=4.0km az=13.5

NEIC 09 04:32:18.6:1.1, 6.25N:82.59W, h10km, mb4.2/8, Error ellipse: s-maj=22.2km s-min=12.9km az=19.0

CASC 09 04:32:19.1:2.5, 6.23N:82.67W, h36km, mb4.6km, MD4.3, mb1.2(VIC)

IDC 09 04:32:25.8:2.5, 6.69N:81.36W, h0km, mb3.4/5, mb1.3/9/7, mb1mx3.6/2.6, mbmtmp3.6/7, ML3.1/2, MS3.1/2, Mst1 3/1/2, ms1m2.6/2.1, Error ellipse: s-maj=110.1km s-min=21.7km az=28.0

ISC 09 04:32:18.2:1.0, 6.26N:0.10:82.67W:0.05, h14km, n46, o148/54, mb4.1/1.5, 1C-3D, South of Panama

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CTCZ Cotoan, AZU Azuero, PNME Penonome, etc.

MAN 09 04:46:51.8, 78N:126.24E, h44km, mb4.6, ML3.5, MS3.4, 1C-1D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BIPH Bislig, BUTP Butuan, BUKP Musuan.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BUKP Bukit, MATI Mati, MSPL Masin, etc.

AUST 09 04:51:07.1:0.0, 8.74S:123.09E, h40km, Error ellipse: s-maj=2.2km s-min=0.9km az=41.0

IDC 09 04:51:14.4:1.4, 9.37S:124.07E, h0km, mb3.9/2, mb1.4/3.4, mb1mx3.8/2.7, mbmtmp4.1/4, ML4.3/2, Error ellipse: s-maj=113.6km s-min=29.8km az=60.0

ISC 09 04:51:15.3:1.1, 9.85S:0.2:123.4E:0.2, h10km, n12, o1151/0, Timor region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SOEI Soe, KNRA Kunurra, MTN Mantion Dam, etc.

NNC 09 05:03:54.7:5.5, 36.85N:70.80E, h0km, mb3.9, mpv3.5, 4C-5D, Error ellipse: s-maj=44.0km s-min=19.3km az=17.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZET Dzerino, DZET 9.2nm,0.3s, SFK Suft-Kurgan, etc.

KRSC 09 05:15:40.9:1.1, 53.28N:160.73E, h50km, 15km, ML3.5, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SPN Mys Shlipunski, SDRL Sedlovina, UGLR Uglovaya, etc.

AUST 09 05:29:27.2, 18.83S:171.52W, h0km

ISCJCB 09 05:29:54.0:0.8, 18.85S:0.2:175.9W:0.1, h10km, mb4.2/4, Error ellipse: s-maj=34.0km s-min=14.2km az=176.5

IDC 09 05:29:55.1:1.5, 18.45S:175.79W, h0km, mb4.2/4, mb1.4/6.5, mb1mx4.0/1.8, mbmtmp4.4/5, ML4.3/1, Error ellipse: s-maj=64.0km s-min=28.1km az=150.0

ISC 09 05:29:56.1:0.9, 18.45S:0.2:175.9W:0.1, h10km, n16, o114/15, mb4.4/4, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RAR Rarotonga, MTSU Mount Surprise, STKA Stephens Creek, etc.

SJA 09 05:35:53.6:0.5, 39.40S:75.94W, h33km, ML4.5

IDC 09 05:36:16.4:0.9, 37.92S:73.16W, h0km, mb3.6/6, mb1.3/9.9, mb1mx3.8/2.3, mbmtmp3.7/9, ML3.5/3, MS3.5/6, Ms1 3.6/6, ms1mx3.3/2.0, Error ellipse: s-maj=37.1km s-min=20.8km az=106.0

ISCJCB 09 05:36:22.9:1.2, 37.45S:0.2:73.3W:0.2, h33km, mb3.7/6, MS3.6/4, Error ellipse: s-maj=27.7km s-min=10.0km az=138.9

GUC 09 05:36:29.0:0.7, 36.73S:73.45W, h4km, 6km, ML4.0

ISC 09 05:36:23.7:0.9, 37.34S:0.08:73.3W:0.1, h33km, n27, o240/27, mb3.7/6, MS3.6/4, 1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like COCH Cobquecura, COCH COCH, PSCH Puerto Saavedr, etc.

NEIC 09 06:14:18.2, 35.86S:178.50E, h193km, MG4.4(WEL), After WEL

WEL 09 06:14:18.2:0.5, 35.86S:178.50E, h193km, 5km, ML4.4/1.6, 1C-1D, Error ellipse: s-maj=5.1km s-min=4.1km az=0.0, Off east coast of North Island

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

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like PNHZ, WPHZ, PRH, etc.

DDA 09 06:32:06.3, 37.19N, 28.09E, h7km, MD2.7
ISK 09 06:32:06.6, 37.30N, 28.20E, h5km, MD2.5
ISCJB 09 06:32:07.0, 37.26N, 0.04, 28.16E, 0.04, h0km, Error ellipse: s-maj=7.7km s-min=4.5km az=38.9

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

IDC 09 07:14:37.6, 0.7, 30.37N, 94.87E, h0km, mb4, 1/15, mb1 4.2/18, mb1mx4.1/32, mbtmp4.1/18, ML4.1/3, Error ellipse: s-maj=26.1km s-min=15.0km az=52.0

MOS 09 07:14:40.8, 1.4, 30.36N, 95.02E, h33km, mb4.9/15, Error ellipse: s-maj=12.2km s-min=6.0km az=118.4

ISCJB 09 07:14:39.6, 0.3, 37.30N, 28.20E, h2km, MD2.7, Error ellipse: s-maj=7.8km s-min=5.5km az=45.0, Mining explosion.

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

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

DDI 09 06:32:06.3, 37.19N, 28.09E, h7km, MD2.7
ISK 09 06:32:06.6, 37.30N, 28.20E, h5km, MD2.5
ISCJB 09 06:32:07.0, 37.26N, 0.04, 28.16E, 0.04, h0km, Error ellipse: s-maj=7.7km s-min=4.5km az=38.9

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like BHPL, BHPL, MK31, etc.

IDC 09 07:14:37.6, 0.7, 30.37N, 94.87E, h0km, mb4, 1/15, mb1 4.2/18, mb1mx4.1/32, mbtmp4.1/18, ML4.1/3, Error ellipse: s-maj=26.1km s-min=15.0km az=52.0

MOS 09 07:14:40.8, 1.4, 30.36N, 95.02E, h33km, mb4.9/15, Error ellipse: s-maj=12.2km s-min=6.0km az=118.4

ISCJB 09 07:14:39.6, 0.3, 37.30N, 28.20E, h2km, MD2.7, Error ellipse: s-maj=7.8km s-min=5.5km az=45.0, Mining explosion.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like BHP, BHP, MK31, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like GEYT, ABKAR, ARU, etc.

IDC 09 07:34:53.2, 1.3, 55.48S, 27.61W, h0km, mb4, 0/3, mb1 4.1/3, mb1mx3.8/19, mbtmp4.0/3, Error ellipse: s-maj=55.3km s-min=32.7km az=112.0, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like BOSA, Vnda, TOR, etc.

ISCJB 09 07:39:05.4, 1.8, 15.06S, 0.07, 167.44E, 0.08, h138km, 16km, mb4, 3/26, Error ellipse: s-maj=12.6km s-min=11.6km az=43.8

NEIC 09 07:39:05.7, 0.3, 15.02S, 167.45E, mb4.5/9, Error ellipse: s-maj=9.7km s-min=7.9km az=104.0

IDC 09 07:39:05.6, 0.7, 15.06S, 167.42E, h126km, 5km, mb4, 1/19, mb1 4.2/20, mb1mx4.1/29, mbtmp4.5/20, Error ellipse: s-maj=14.0km s-min=10.9km az=100.0

AUST 09 07:39:43.0, 16.43S, 165.33E, h300km
ISC 09 07:39:05.0, 0.7, 15.00S, 167.45E, 0.10, h124km, 5km, h124km, p-P, n66, r106/81, mb4.3/25, 2C, Vanuatu

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

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

WEL 09:08:10:53.9-0.1, 39.11Sx177.56E, h29km, ML3.8/39, 10C-8D, Error ellipse: s-maj=1.3km s-min=0.8km az=90.0, Off east coast of North Island

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

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

DDA 09:08:27:17.8, 36.30N-160.36E, h7km, MD2.8

ISCJB 09:08:27:18.9, 0.6, 36.35N-160.03, 36E, 0.07, h0km, Error ellipse: s-maj=8.6km s-min=3.6km az=13.2

NSSC 09:08:27:20.8, 1.4, 36.58N-166.44E, h29km, 999km, ML 1.9

ISC 09:08:27:18.4, 0.9, 36.37N-160.04, 36E, 0.07, h0km, n7, c#081/14, 1D, Jordan - Syria region

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

DDA 09:08:28:38.2, 2.7, 54.13N-86.61E, h0km, mbl 3, 2/2, mblmx3.0/52, mbmtmp3.2, ML2.9, Error ellipse: s-maj=21.9km s-min=12.7km az=61.0, Southwestern Siberia

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

DDA 09:08:37:31.4, 1.3, 7.44S-151.65E, h0km, mb3.6/4, mbl 3.9/5, mblmx3.6/20, mbmtmp3.8/5, ML 1.9/1, Error ellipse: s-maj=37.4km s-min=26.0km az=145.0

ISC 09:08:37:37.6, 1.8, 7.25S-0.5, 151.3E, 0.04, h35km, n6, c#079/6, New Britain region

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

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

ISCJB 09:08:45:01.6, 0.8, 37.28N-178.05, 28E, 0.06, h0km, Error ellipse: s-maj=9.0km s-min=4.8km az=135.1

ISC 09:08:45:02.1, 4.0, 37.27N-178.05, 28E, 0.04, h0km, n12, c#048/13, Turkey

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

JMA 09:08:53:13.8, 0.3, 24.95N-122.48E, h151km, 4km, M2.8

TAP 09:08:53:13.2, 25.14N-122.49E, h156km, 1km, ML3.6, D

ISCJB 09:08:53:14.4, 0.8, 25.06N-122.52E, 0.03, h141km, 6km, Error ellipse: s-maj=9.2km s-min=4.8km az=173.1

ISC 09:08:53:13.4, 2.4, 25.10N-122.52E, 0.04, h152km, 14km, n32, c#061/58, Taiwan region

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

Table with 4 columns: CHN4, Tsushan, 2.47 226 eP, Pn, 08 53 54.2 0.0

Main table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC

DDA 09:02:21.5, 38.79N, 44.37E, h6km, MD3.0
NSSP 09:02:24.8, 38.60N, 44.15E, h6km, MS3.2

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC

ISCJB 09:04:32.8, 0.7, 37.42N, 0.05, 38.57E, 0.04, h9km, 5km,
Error ellipse: s-maj=8.0km, s-min=5.4km, az=2.5

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC

IDC 09:09:11.05, 0.0, 17.89N, 39.32E, h0km, mb4.2/22,
mb1.4/2.25, mb1mx4.2/32, mbtmp4.2/25, ML4.1/3, MS3.9/31

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC

Main table with columns: ANN, comp=Z, 2.44nm, 14.0s, MLR, MLR

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Chiang Mai Arr, Zakamensk, Sonm, Bod, Lemang, etc.

ISCJB 09 09:16:39.0.2.0.8, 39.99N, 0.05-26.37E, 0.06, h22km, 8km, Error ellipse: s-maj=8.8km s-min=7.5km az=171.7

DDA 09 09:16:39.9, 39.04N, 26.63E, h7km, MD2.2 CSEM 09 09:16:39.0.2.0.8, 39.98N, 26.52E, h2km, MD2.6, Error ellipse: s-maj=4.8km s-min=4.2km az=81.0

ATH 09 09:16:39.0.1.39, 09.00N, 0.06-26.47E, 0.05, h14km, 10km, n12, c0540/22, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PRK, AYVA, SIGR, CHOS, BOZC, SMG, DURS, etc.

ISCJB 09 09:18:54.9.0.4.39, 99N, 0.02-29.18E, 0.03, h1km, 6km, Error ellipse: s-maj=4.4km s-min=3.8km az=1.0

DDA 09 09:18:55.0, 39.91N, 29.17E, h7km, MD2.7 ISK 09 09:18:54.6, 39.89N, 29.18E, h6km, MD2.7 CSEM 09 09:18:55.0.1.39, 99N, 29.18E, h5km, MD2.7, Error ellipse: s-maj=2.0km s-min=1.9km az=133.0

ISC 09 09:18:55.0.2.0.39, 99N, 0.02-29.17E, 0.02, h9km, 9km, n44, c0935/58, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ULDT, ORhanelli, IZni, TVSB, MDNY, BORA, HRT, CAVI, DURS, KXTC, GDZ, DEMI, BORA, HRT, BALB, EDC, GULT, BALLY, ESKT, SEYT, etc.

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

NSSP 09 09:21:42.1, 38.60N, 44.07E, h7km, Ms3.0 DDA 09 09:21:44.8, 38.78N, 44.24E, h7km, MD2.9, Error ellipse: s-maj=13.6km s-min=6.9km az=111.0

ISC 09 09:21:46.9.1.4, 38.74N, 44.03, 43.99E, 0.06, h4km, 13km, n13, c1919/19, 3C, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TVAN, IVAN, DYDN, GEVA, GNI, EATA, BINGOL, etc.

DDA 09 09:24:19.9, 38.08N, 44.28E, h7km, MD2.9 NSSP 09 09:24:21.1, 38.73N, 44.05E, h7km, Ms2.9 CSEM 09 09:24:23.2, 38.0, 38.82N, 44.97E, h2km, MD2.9, Error ellipse: s-maj=13.1km s-min=5.2km az=112.0

ISC 09 09:24:22.0.1.7, 38.78N, 44.01E, 0.06, h8km, 16km, n12, c1900/19, 3D, Turkey-Iran border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TVAN, IVAN, DYDN, GEVA, GNI, EATA, DGRG, etc.

ISC 09 09:29:12.9.2.9, 12.25N, 145.16E, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.4/4.3, mbtmp3.7/3, MS4.2/1, Ms1 4.2/1, ms1mx2.5/3.1, Error ellipse: s-maj=160.0km s-min=21.1km az=88.0, South of Mariana Islands

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

ISC 09 09:50:49.6.2.3, 54.27N, 86.08E, h0km, mb1 3.4/2, mb1mx3.1/3.1, mbtmp3.4/2, ML3.0/2, 2C-3D, Error ellipse: s-maj=17.7km s-min=10.7km az=55.0, Southwest Siberia

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

NIED 09 10:09:00, 39.60N, 142.10E, h50km, Mw3.8 Best double couple: M5.240000, 1014 NP1: 0.197, 0.00000, 0.323, 0.00000, 7.91, 0.00000, NP2: 0.16, 0.00000, 0.867, 0.00000, 0.96, 0.00000

ISCJB 09 10:09:16.1, 0.5, 39.63N, 0.03-142.13E, 0.0, h6.54km, 4km, mb3.7/12, MS3.2/2, Error ellipse: s-maj=8.2km s-min=6.8km az=13.4

JMA 09 10:09:17.0, 0.1, 39.64N, 142.11E, h48km, 1km, M3.9 Broadband fault plane solution: P waves, NP1: 0.22, 0.00000, 0.863, 0.00000, 1.106, 0.00000, NP2: 0.169, 0.00000, 0.832, 0.00000, 1.61, 0.00000, Principal axes: T P1g68.00000, Azm324.00000, N P1g14.00000, Azm194.00000, P P1g16.00000, Azm100.00000

JMA Felt II J1 MOS 09 10:09:18.1, 0.8, 39.79N, 141.93E, h66km, mb4.0/9 Error ellipse: s-maj=20.6km s-min=10.6km az=72.2

ISC 09 10:09:20.5, 2.4, 39.51N, 141.98E, h87km, 23km, mb3.4/12, mb1 3.6/16, mb1mx3.5/4.3, mbtmp3.8/16, MS3.0/5, Ms1 3.0/5, ms1mx2.6/2.9, Error ellipse: s-maj=22.4km s-min=15.1km az=90.0

ISC 09 10:09:16.7, 0.9, 39.62N, 142.22E, 0.07, h48km, 8km, n52, c1465/17, mb3.8/12, 2C-10D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JOM, JOM, JKZ, JANG, JANG, JMK, JMK, JRG, JRG, JAH, JAH, JHO, JHO, JIO, JIO, JTM, JTM, MJAR, MJAR, etc.

DDA 09 09:24:19.9, 38.08N, 44.28E, h7km, MD2.9 NSSP 09 09:24:21.1, 38.73N, 44.05E, h7km, Ms2.9 CSEM 09 09:24:23.2, 38.0, 38.82N, 44.97E, h2km, MD2.9, Error ellipse: s-maj=13.1km s-min=5.2km az=112.0

ISC 09 09:24:22.0.1.7, 38.78N, 44.01E, 0.06, h8km, 16km, n12, c1900/19, 3D, Turkey-Iran border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TVAN, IVAN, DYDN, GEVA, GNI, EATA, DGRG, etc.

ISC 09 09:29:12.9.2.9, 12.25N, 145.16E, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.4/4.3, mbtmp3.7/3, MS4.2/1, Ms1 4.2/1, ms1mx2.5/3.1, Error ellipse: s-maj=160.0km s-min=21.1km az=88.0, South of Mariana Islands

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

ISC 09 09:50:49.6.2.3, 54.27N, 86.08E, h0km, mb1 3.4/2, mb1mx3.1/3.1, mbtmp3.4/2, ML3.0/2, 2C-3D, Error ellipse: s-maj=17.7km s-min=10.7km az=55.0, Southwest Siberia

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

NIED 09 10:09:00, 39.60N, 142.10E, h50km, Mw3.8 Best double couple: M5.240000, 1014 NP1: 0.197, 0.00000, 0.323, 0.00000, 7.91, 0.00000, NP2: 0.16, 0.00000, 0.867, 0.00000, 0.96, 0.00000

ISCJB 09 10:09:16.1, 0.5, 39.63N, 0.03-142.13E, 0.0, h6.54km, 4km, mb3.7/12, MS3.2/2, Error ellipse: s-maj=8.2km s-min=6.8km az=13.4

JMA 09 10:09:17.0, 0.1, 39.64N, 142.11E, h48km, 1km, M3.9 Broadband fault plane solution: P waves, NP1: 0.22, 0.00000, 0.863, 0.00000, 1.106, 0.00000, NP2: 0.169, 0.00000, 0.832, 0.00000, 1.61, 0.00000, Principal axes: T P1g68.00000, Azm324.00000, N P1g14.00000, Azm194.00000, P P1g16.00000, Azm100.00000

JMA Felt II J1 MOS 09 10:09:18.1, 0.8, 39.79N, 141.93E, h66km, mb4.0/9 Error ellipse: s-maj=20.6km s-min=10.6km az=72.2

ISC 09 10:09:20.5, 2.4, 39.51N, 141.98E, h87km, 23km, mb3.4/12, mb1 3.6/16, mb1mx3.5/4.3, mbtmp3.8/16, MS3.0/5, Ms1 3.0/5, ms1mx2.6/2.9, Error ellipse: s-maj=22.4km s-min=15.1km az=90.0

ISC 09 10:09:16.7, 0.9, 39.62N, 142.22E, 0.07, h48km, 8km, n52, c1465/17, mb3.8/12, 2C-10D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JOM, JOM, JKZ, JANG, JANG, JMK, JMK, JRG, JRG, JAH, JAH, JHO, JHO, JIO, JIO, JTM, JTM, MJAR, MJAR, etc.

DDA 09 09:24:19.9, 38.08N, 44.28E, h7km, MD2.9 NSSP 09 09:24:21.1, 38.73N, 44.05E, h7km, Ms2.9 CSEM 09 09:24:23.2, 38.0, 38.82N, 44.97E, h2km, MD2.9, Error ellipse: s-maj=13.1km s-min=5.2km az=112.0

ISC 09 09:24:22.0.1.7, 38.78N, 44.01E, 0.06, h8km, 16km, n12, c1900/19, 3D, Turkey-Iran border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TVAN, IVAN, DYDN, GEVA, GNI, EATA, DGRG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JHU Hanno, JRY Ryogami san, JYT Yasato, etc.

Table with columns: Yozg, Yozgat, Pg, Time, Res, ISC. Includes Yozg 1.54 157 ePn, Yozgat 11 02 57.7 +0.4.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes ILAR Eielson Array, ILAR comp=2.24nm, 21.9s, etc.

ISC 09 10:24:18.2, 0.20, 3.28N, 94.82E, h0km, mb3.6/10, mb1 3.7/13, mb1mx3.6/14, mbtmp3.6/13, ML3.7/3, Error ellipse: s-maj=32.7km s-min=16.2km az=57.0

ISC 09 10:24:19.7, 0.6, 30.32N, 0.07, 94.9E, 0.1, h2km, mb3.6/10, Error ellipse: s-maj=18.1km s-min=10.0km az=167.7

ISC 09 11:05:48.0, 1.9, 16.98S, 167.50E, h0km, mb3.7/3, mb1 4.0/4, mb1mx3.7/30, mbtmp3.7/4, ML2.7/1, Error ellipse: s-maj=49.3km s-min=29.2km az=116.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes SHL Shillong, CMAR Chiang Mai Arr, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes COEN Coen, COEN Coen, HNR Honiara, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes DZM Mont Dumac, DZM 0.3nm, 0.3s, baz=360, slow=16, SNR=3.3, etc.

ISC 09 10:30:47.3, 2.2, 18.58N, 39.54E, h0km, mb3.5/5, mb1 8.5/5, mb1mx3.2/28, mbtmp3.6/5, MS2.9/3, Ms1 2.9/3, ms1mx2.5/25, Error ellipse: s-maj=65.2km s-min=26.6km az=157.0, Red Sea

ISC 09 10:24:21.7, 0.7, 30.35N, 0.09, 94.9E, 0.1, h2km, n14, 0.076/14, mb3.7/10, Xizang

ISC 09 11:13:17.1, 1.2, 38.3N, 0.1, 38.82E, 0.05, h10km, Error ellipse: s-maj=14.9km s-min=4.5km az=166.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes KMBO Kilima Mbogo, BRTR Keskin Array B, TORD Torodi Ar. Bea, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes WRA Warramunga Arr, WRA 0.8nm, 0.3s, baz=50, slow=2.7, SNR=5.2, etc.

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

CSEM 09 11:01:23.4, 39.66N, 29.47E, h7km, MD2.6, Mining explosion.

DDA 09 11:01:23.4, 39.66N, 29.47E, h7km, MD2.6, Turkey

CSEM 09 11:15:10.9, 0.3, 39.19N, 35.84E, h5km, ML2.6, Error ellipse: s-maj=7.4km s-min=5.2km az=152.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes GDZ Gediz, DURS Dursunbey, BORA Eskisehir, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes ARMA Armatide, SOEI Soe, SOEI Soe, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes CUSAR Sarkisla-SIVAS, CUSAR Sarkisla-SIVAS, YOZG Yozgat, etc.

ISK 09 11:02:26.9, 4.1, 13N, 34.49E, h5km, MD2.1

DDA 09 11:02:27.9, 4.1, 02N, 34.55E, h7km, MD2.6

ISC 09 11:15:11.1, 1.1, 39.23N, 35.77E, h10km, ML2.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes TOS Tosya, BYBT Boyabat, CTKT Corum, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes KZKR Kazeri, TBLG Delisi, TBLG Delisi, etc.

ISCJB 09 11:34:02.2,0.5,41.92N,01:02:23.32E,0.04,h0km,5km, Error ellipse: s-maj=4.5km s-min=3.4km az=160.3

CSEM 09 11:34:02.7,0.1,41.91N-23.32E,h10km,ML1.8, Error ellipse: s-maj=3.9km s-min=2.5km az=74.0

THE 09 11:34:02.5,41.91N-23.33E,h7km,3km,ML2.2/5, Error ellipse: s-maj=3.1km s-min=1.0km az=268.0

SKO 09 11:34:03.8,41.92N-23.31E,h0km,M1.7,ML2.1

ATH 09 11:34:03.8,41.84N-23.37E,h20km,1km,MD3.2/7

BEO 09 11:34:04.0,0.4,41.93N-23.29E,h4km,5km,ML1.8/4

ISC 09 11:34:02.7,1.1,41.90N-02:23:33E,0.02,h7km,10km, n135,048/67, Greece-Bulgaria border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Neurokopi, Vitosha, Kendrikon, Serrai, Valandovo, etc.

ISC 09 11:34:55.9,3.0,24.13Sx179.65E,h501km,25km,mb3.3/4, mb1 3.6/4, mb1mx3.0/31, mbtmp4.2/4, Error ellipse: s-maj=98.0km s-min=24.9km az=158.0

ISCJB 09 11:34:58.4,1.4,24.13S-0.4,173.7E,0.2,h537km,mb3.9/4, Error ellipse: s-maj=59.6km s-min=22.0km az=160.0

AUST 09 11:35:21.8,22.0,25.28S,177.41E,h629km,1km, Error ellipse: s-maj=3.5km s-min=2.3km az=310.0

ISC 09 11:34:58.2,1.6,24.13S,0.5x179.7E,0.3,h537km,n14, n125/15,mb3.9/4, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Cobar Meteorol, QLP, MTSU, STKA, HTK, ASAR, etc.

ISC 09 11:37:39.8-10.0,19.75N-120.80E,h0km,mb3.3/2, mb1 3.6/3, mb1mx3.2/41, mbtmp3.4/3, ML3.7/1, C, Error ellipse: s-maj=488.4km s-min=33.0km az=93.0, Philippine Islands region

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

ISK 09 11:45:33.3,35.04N-33.10E,h29km,MD2.4

CSEM 09 11:45:33.6,0.3,35.05N-33.13E,h30km,ML2.7, Error ellipse: s-maj=9.8km s-min=6.9km az=177.0

NIC 09 11:45:34.5,35.19N-33.17E,h31km,ML2.7

ISCJB 09 11:45:35.2,0.6,35.11N-0.05:33.11E,0.04,h14km, Error ellipse: s-maj=7.4km s-min=5.0km az=11.7

ISC 09 11:45:34.1-1.0,35.05N-0.04:33.11E,0.03,h14km,n17, n0:97/27, Cyprus region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like MAMC, MAMC, LEF, LEF, LEF, CSS, etc.

ISC 09 11:45:33.9,3.4,0.16S,124.96E,h0km,mb3.3/3, mb1 3.7/3, mb1mx3.4/35, mbtmp3.4/3, Error ellipse: s-maj=168.7km s-min=31.4km az=83.0

ISCJB 09 11:45:43.7,0.6,0.16S,0.06:123.80E,0.03,h110km, mb3.2/3, Error ellipse: s-maj=9.1km s-min=4.6km az=3.3

DJA 09 11:45:43.7,0.8,0.0S,4.12:4E, h12km,11km,M3.9/8, MLV3.9/8

ISC 09 11:45:44.1,1.0,0.19S,0.07:123.78E,0.04,h110km,n11, n178/18,mb3.1/3, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KMSI, LUWI, LUWI, MRSI, MRSI, APSI, etc.

SKO 09 12:12:35.5,41.62N-22.35E,h24km,M1.7,ML2.0

CSEM 09 12:12:35.4,0.5,41.64N-22.32E,h20km,ML1.6, Error ellipse: s-maj=11.3km s-min=7.0km az=72.0

ISCJB 09 12:12:36.0,0.9,41.60N-0.04:22.4E,0.1,h22km,8km, Error ellipse: s-maj=13.8km s-min=5.3km az=159.3

BEO 09 12:12:36.0,0.7,41.65N-22.26E,h0km,9km,ML1.6/4

ATH 09 12:12:37.8,41.60N-22.59E,h29km,2km,MD2.9/4

ISC 09 12:12:35.6,1.2,41.61N-0.04:22.31E,0.07,h25km,11km, n16,046/28, Northwestern Balkan Peninsula

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

SJA 09 12:13:32.9,0.6,38.58S,74.01W,h10km,ML4.7,MW4.3

ISCJB 09 12:13:41.5,0.7,38.47S,0.03:73.04W,0.05,h27km,4km, mb5.0/91,MS4.1/19, Error ellipse: s-maj=6.8km s-min=4.9km az=28.4

BUI 09 12:13:42.6,38.82S,72.32W,h34km,mb5.0/9,MS5.3/6, MS7.5/0/5

MOS 09 12:13:42.7,0.8,38.53S,72.97W,h33km,mb5.1/18, Error ellipse: s-maj=19.9km s-min=9.4km az=99.3

NEIC 09 12:13:43.0,38.72S,73.15W,h39km,mb5.0/73, After GUC

NEIC Felt [IV] at Canete, Contulmo and Tirua; [III] at Angol, Lahu, Lunaco, Puerto Saavedra, Renaico and Puren; [II] at Concepcion, La Laja, Panguipulli, Quillota, San Rosendo, Santiago, Temuco, Valdivia and Valparaiso.

Also felt at Nueva Imperial.

ISC 09 12:13:43.2,1.2,38.72S,73.15W,h39km,23km,ML5.4, mb1 4.5/17, mb1mx4.5/23, mbtmp4.6/17, ML4.3/4, MS4.1/19, MS1.4/19, ms1mx4.0/25, Error ellipse: s-maj=18.0km s-min=13.3km az=85.0

GUC 09 12:13:43.2,1.2,38.72S,73.15W,h39km,23km,ML5.4

ISC 09 12:13:43.5,0.3,38.55S-0.04:73.06W,0.05,h35km,11km, n35km:PP-P, n573,09:95:650,mb4.9/92,MS4.1/19,6C-5D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like PSCH, PSCH, VLCH, CANA, OSCH, etc.

Table with columns: ARCO, Station Name, Az, Phase ID, Time, Res, IAML, ISC. Lists stations like ASAL, AUSP, RTLS, Cerro Valdivia, ACAN, etc.

636A	Smothers Creek	71.29 337	P	P	12 25 00.6 +1.3
635A	Leesville	71.42 337	P	P	12 25 01.1 +1.1
732A	Laxson Ranch,	71.50 335	P	P	12 25 01.3 +0.7
538A	Harpers Horsep	71.55 340	P	P	12 25 01.6 +0.8
634A	China Grove, S	71.59 337	P	P	12 25 01.8 +0.7
440A	Kirbyville	71.64 341	P	P	12 25 02.2 +0.8
537A	Green Hill Far	71.64 339	P	P	12 25 02.1 +0.7
536A	Bastrop	71.85 338	P	P	12 25 03.1 +0.5
439A	Center Grove,	71.90 340	P	P	12 25 03.2 +0.3
633A	Saathoff Ranch	71.92 336	P	P	12 25 03.8 +0.7
535A	Dale	71.96 338	P	P	12 25 03.5 +0.2
632A	Walil Ranch	72.16 336	P	P	12 25 05.3 +0.8
534A	Blanco	72.23 337	P	P	12 25 04.9 -0.1
VBMS	Vicksburg	72.26 345	P	P	12 25 06.0 +0.9
340A	Bronson	72.26 341	P	P	12 25 06.3 +1.2
631A	Perdido Creek	72.33 335	P	P	12 25 06.0 +0.4
339A	Huntington	72.35 341	P	P	12 25 06.4 +0.8
436A	Wall Ranch, Ga	72.43 339	P	P	12 25 06.7 +0.6
533A	Kerrville	72.44 337	P	P	12 25 05.9 -0.3
338A	Crockett	72.57 340	P	P	12 25 07.3 +0.3
435B	Jarrell	72.67 338	P	P	12 25 08.0 +0.5
337A	Centerville	72.69 340	P	P	12 25 08.8 +1.2
532A	Rocksprings	72.77 336	P	P	12 25 09.0 +0.8
NATX	Nacogdoches	72.79 341	P	P	12 25 09.0 +0.8
NATX	Nacogdoches	72.79 341	eP	P	12 25 08.9 +0.8
NATX	Burnet	72.90 337	eP	pP	12 25 20.0 +1.0
239A	Gary	72.98 341	P	P	12 25 10.0 +0.7
531A	Rocksprings	73.02 335	P	P	12 25 10.5 +0.9
336A	Riesel	73.02 339	P	P	12 25 10.4 +0.8
JCT	Junction City	73.06 336	eP	pP	12 25 11.0 +1.0
JCT	Junction City	73.06 336	eP	pP	12 25 19.9 -0.9
JCT	Junction City	73.06 336	eP	pP	12 25 10.1 +0.1
JCT	Junction City	73.06 336	eP	pP	12 25 11.0 +1.0
JCT	Junction City	73.06 336	eP	pP	12 25 10.3 +0.3
335A	Moody	73.09 338	eP	pP	12 25 10.9 -0.9
433A	Art	73.10 337	P	P	12 25 10.3 +0.2
238A	Jacksonville	73.14 341	P	P	12 25 10.8 +0.6
530A	J-C Ranch, Com	73.26 335	P	P	12 25 11.9 +0.8
237A	Washetta, Mont	73.32 340	P	P	12 25 11.8 +0.5
TXAR	Lajitas Array	73.33 332	P	P	12 25 12.6 +1.0
TXAR	Lajitas Array	73.33 332	P	P	12 25 22.6 +0.1
TXAR	Lajitas Array	73.33 332	P	P	12 51 54.4
334A	Lometa	73.38 338	P	P	12 25 11.7 -0.1
432A	Menard	73.43 336	P	P	12 25 11.9 -0.2
431A	Sonora	73.51 335	P	P	12 25 13.0 +0.4
236A	Katherine and	73.51 339	P	P	12 25 12.7 +0.2
529A	Stev Forest Ra	73.54 334	P	P	12 25 13.4 +0.6
139A	Bunkhouse Ranc	73.59 341	P	P	12 25 13.3 +0.4
333A	Richland Sprin	73.59 337	P	P	12 25 13.3 +0.3
KMSC	Kings Mountain	73.72 353	P	P	12 25 13.4 -0.2
KMSC	Kings Mountain	73.72 353	eP	P	12 25 13.9 +0.3
KMSC	Kings Mountain	73.72 353	eP	pP	12 25 24.3 -0.1
138A	Matatal Enter	73.75 341	eP	pP	12 25 14.4 +0.6
WHTX	Lake Whitney	73.77 339	P	P	12 25 14.4 +0.5
WHTX	Lake Whitney	73.77 339	eP	pP	12 25 14.7 +0.7
WHTX	Lake Whitney	73.77 339	eP	pP	12 25 25.2 +0.4
430A	Baggett Ranch,	73.81 335	P	P	12 25 14.9 +0.5
137A	Heron Place, G	73.87 340	P	P	12 25 15.4 +0.8
332A	Millersville	73.88 336	P	P	12 25 15.0 +0.3
429A	Davenport Ranc	73.89 334	P	P	12 25 15.5 +0.7
136A	Ennis	73.96 339	P	P	12 25 15.6 +0.5
234A	Clairette	73.97 338	P	P	12 25 15.4 +0.2
331A	San Angelo	74.03 336	P	P	12 25 15.4 -0.2
Z39A	Irene McRaven,	74.08 342	P	P	12 25 15.5 -0.3
OXF	Oxford	74.26 346	eP	pP	12 25 16.9 +0.1
OXF	Oxford	74.26 346	eP	pP	12 25 27.3 -0.3
OXF	Oxford	74.26 346	eP	pP	12 25 16.9 +0.1
OXF	Oxford	74.26 346	eP	pP	12 25 27.3 -0.3
135A	Vickery Place,	74.28 339	P	P	12 25 17.3 +0.3
Z38A	Mt. Pleasant	74.28 341	P	P	12 25 17.7 +0.7
232A	Coleman	74.32 337	P	P	12 25 17.2 -0.1
330A	Mertzton	74.36 335	P	P	12 25 17.4 -0.1
Z37A	Pogue Cattle C	74.40 340	P	P	12 25 17.9 +0.2
234A	White-Moore Ra	74.49 338	P	P	12 25 18.2 0.0
131A	Bronte	74.58 336	P	P	12 25 18.8 0.0
Z36A	Blue Ridge	74.69 340	P	P	12 25 19.5 +0.2
329A	Wagon Wheel Ra	74.71 335	P	P	12 25 19.8 +0.2
133A	Hamilton Ranch	74.77 338	P	P	12 25 19.8 -0.1
230A	Sterling City	74.79 336	P	P	12 25 19.8 -0.2
Y38A	Idabel	74.87 341	P	P	12 25 20.2 -0.1
Z35A	Perchaven, San	74.97 339	P	P	12 25 21.0 +0.1
ABTX	Abilene, Hawle	75.00 337	P	P	12 25 21.1 -0.1
ABTX	Abilene, Hawle	75.00 337	eP	pP	12 25 21.5 +0.3
ABTX	Abilene, Hawle	75.00 337	eP	pP	12 25 32.3 +0.2
229A	Bryant Ranch,	75.09 335	P	P	12 25 21.9 +0.1
MIAR	Mount Ida	75.17 343	eP	P	12 25 22.3 +0.2

MIAR	Mount Ida	75.17 343	eP	pP	12 25 33.1 +0.1
MIAR	Mount Ida	75.17 343	eP	pP	12 25 22.3 +0.2
MIAR	Mount Ida	75.17 343	eP	pP	12 25 22.3 +0.2
MIAR	Collier Ranch,	75.19 339	eP	pP	12 25 33.1 +0.1
Y36A	Durant	75.24 340	P	P	12 25 22.7 +0.2
131A	Roby	75.28 336	P	P	12 25 23.4 +0.5
TZTN	Tazewell	75.35 351	eP	P	12 25 22.7 -0.3
Z33A	Whitaker Ranch	75.36 338	P	P	12 25 23.4 +0.2
130A	Snyder	75.39 336	P	P	12 25 23.5 0.0
Y35A	Marietta	75.45 340	P	P	12 25 23.8 +0.1
CASY	Casey	75.46 182	eP	P	12 25 24.8 +1.3
CASY	Casey	75.46 182	eP	pP	12 25 34.8 +0.4
Z28A	UT Block 9, Go	75.49 334	eP	pP	12 25 24.4 +0.3
Z32A	Haskell	75.59 337	P	P	12 25 24.5 -0.1
X38A	Whitesboro	75.60 342	P	P	12 25 24.8 +0.3
X37A	Clayton	75.66 341	P	P	12 25 24.8 0.0
BLA	Blacksburg	75.69 354	eP	pP	12 25 25.4 +0.3
BLA	Blacksburg	75.69 354	eP	pP	12 25 36.1 +0.2
BLA	Blacksburg	75.69 354	eP	pP	12 25 25.4 +0.3
BLA	Blacksburg	75.69 354	eP	pP	12 25 36.1 +0.2
129A	Stewart Farms,	75.72 335	P	P	12 25 25.0 -0.4
Z31A	Sharp Cattle R	75.80 337	P	P	12 25 25.5 -0.3
X36A	Centrahoma	75.89 340	P	P	12 25 25.7 -0.5
X35A	Drake	75.90 340	P	P	12 25 25.7 -0.5
W38A	Poteau	75.90 342	P	P	12 25 26.8 +0.6
128A	Castleberry Fa	75.92 335	P	P	12 25 26.8 +0.3
Y33A	Hilltop Ranch,	75.99 338	P	P	12 25 26.6 -0.2
JSRW	J. Sargeant Re	76.00 356	eP	pP	12 25 26.7 0.0
JSRW	J. Sargeant Re	76.00 356	eP	pP	12 25 38.1 +0.5
Z30A	Sanderson Ranc	76.08 336	P	P	12 25 27.5 +0.1
W37A	Quinton	76.19 341	P	P	12 25 28.0 +0.1
Y32A	R-V Farms, Ver	76.23 338	P	P	12 25 28.2 +0.1
X34A	Smith Ranch, M	76.32 339	P	P	12 25 28.7 +0.1
W36A	Wetumka	76.40 341	P	P	12 25 28.3 -0.8
PARMO	Parma	76.41 346	eP	pP	12 25 29.5 +0.4
Y31A	Reiketa Farm,	76.44 337	P	P	12 25 29.8 +0.4
X33A	Lawton	76.45 339	P	P	12 25 29.7 +0.3
Z28A	Tucker Farm, M	76.49 335	P	P	12 25 29.7 0.0
X32A	Elmer	76.57 338	P	P	12 25 31.0 +0.9
W35A	Tecumseh	76.58 340	P	P	12 25 30.4 +0.3
V38A	Canehill	76.63 342	P	P	12 25 30.4 +0.1
PBMO	Poplar Bluff	76.65 346	eP	pP	12 25 30.3 -0.1
PBMO	Poplar Bluff	76.65 346	eP	pP	12 25 40.8 -0.5
Y29A	Porterfield Fa	76.78 336	eP	pP	12 25 32.1 +0.7
V37A	Hulbert	76.83 342	P	P	12 25 31.4 0.0
W34A	Bridge Creek,	76.90 339	P	P	12 25 31.8 -0.2
V36A	Jenks	76.94 341	P	P	12 25 31.3 -0.8
X31A	McDonald Ranch	76.97 337	P	P	12 25 32.8 +0.4
LIC	Lamto	77.01 71	eP	P	12 25 33.6 +0.5
TUL1	Tulsa	77.02 341	P	P	12 25 31.8 -0.8
TUL1	Tulsa	77.02 341	eP	P	12 25 32.8 +0.3
TUL1	Tulsa	77.02 341	eP	pP	12 25 43.2 -0.2
Y28A	McKinney Farm,	77.02 335	P	P	12 25 33.2 +0.5
W33A	Caddo, Fort Co	77.02 339	P	P	12 25 32.4 -0.2
X30A	Coker Ranch, T	77.07 337	P	P	12 25 33.5 +0.5
V35A	Meyer Ranch, C	77.15 340	P	P	12 25 33.9 +0.6
U38A	Gravette	77.18 342	P	P	12 25 33.6 +0.2
W32A	Sentinel	77.21 338	P	P	12 25 33.8 +0.1
MSTX	Muleshoe	77.24 335	P	P	12 25 34.8 +0.7
TIC	Toumodi	77.30 71	eP	P	12 25 35.2 +0.5
KIC	Kosan Boka	77.31 71	eP	P	12 25 35.3 +0.5
U37A	Salina	77.32 342	P	P	12 25 35.2 +1.0
USIN	University of	77.32 348	eP	P	12 25 33.8 -0.3
X29A	Tulia	77.33 336	P	P	12 25 35.3 +0.8
V34A	Guthrie	77.39 340	P	P	12 25 35.6 +0.9
V34A	Guthrie	77.39 340	eP	P	12 25 35.1 +0.4
DBIC	Dimbokro	77.43 71	P	P	12 25 36.1 +0.7
DBIC	Dimbokro	77.43 71	P	LR	12 25 29.8
W31A	Holland Ranch,	77.48 338	P	P	12 25 35.9 +0.7
X28A	Dimmitt	77.56 336	P	P	12 25 36.6 +0.8
V30A	Lossen Ranch,	77.59 339	P	P	12 25 36.1 +0.3
W30A	Crockett Farms	77.66 337	P	P	12 25 36.5 +0.2
U35A	Pawnee	77.69 341	P	P	12 25 36.7 +0.3
121A	Cookes Peak, D	77.75 331	P	P	12 25 37.3 +0.3
W29A	Amraillo	77.79 336	P	P	12 25 37.9 +0.1
T37A	Cheneyville 18	77.95 342	P	P	12 25 38.2 +0.5
U34A	Anderson Ranch	77.97 340	P	P	12 25 38.5 +0.7
U34A	Anderson Ranch	77.97 340	eP	P	12 25 37.9 +0.1
V31A	Spring Creek L	77.99 338	P	P	12 25 39.1 +1.0
T36A	Boones Farm, Ca	78.13 342	P	P	12 25 39.5 +0.8
T35A	Sooner Cattle,	78.15 341	P	P	12 25 39.7 +0.8
V30A	Spur Ranch, Mi	78.23 337	P	P	12 25 39.9 +0.5
W28A	Vega	78.24 336	P	P	12 25 39.6 +0.1
U32A	Winter Ranch,	78.32 339	P	P	12 25 40.7 +0.9
SLM	Saint Louis	78.42 346	eP	pP	12 25 41.0 +0.7
SLM	Saint Louis	78.42 346	eP	pP	12 25 51.2 0.0

SLM	Saint Louis	78.42 346	eP	P	12 25 41.0 +0.7
SLM	Saint Louis	78.42 346	eP	pP	12 25 51.2 0.0
T34A	McClaskey Farm	78.43 340	eP	pP	12 25 41.3 +0.9
S37A	Fort Scott	78.54 343	P	P	12 25 41.5 +0.6
U31A	Nine Bar Ranch	78.55 338	P	P	12 25 41.3 +0.1
V29A	Stitt	78.59 337	P	P	12 25 41.7 +0.2
S36A	Lake Cedric, C	78.69 342	P	P	12 25 42.0 +0.2
BOSA	Bosch	78.70 117	P	P	12 25 42.6 +0.1
BOSA	Bosch	78.70 117	P	LR	12 25 52.2
TUC	Tucson	78.75 328	eP	pP	12 25 44.1 +1.7
TUC	Tucson	78.75 328	eP	pP	12 25 54.6 +1.3
TUC	Tucson	78.75 328	eP	pP	12 25 44.1 +1.7
TUC	Tucson	78.75 328	eP	pP	12 25 54.5 +1.3
T33A	Patterson Ranc	78.77 340	eP	pP	12 25 42.9 +0.7
S35A	Otter Creek Ra	78.83 341	P	P	12 25 43.0 +0.4
V27A	Dan Oppiter Fa	78.90 336	P	P	12 25 44.2 +1.0
ACSO	Alum Creek Sta	78.93 352	eP	P	12 25 43.5 +0.4
ACSO	Alum				

MVCO	Mesa Verde	82.17 332	P	P	12 26 01.4 +0.6
MVCO	Mesa Verde	82.17 332	eP	P	12 26 03.2 +1.5
MVCO	comp-Z,14nm,1.4s		eP	pP	12 26 10.9 -0.8
PFO	Pinyon Flat Ob	82.33 325	eP	pmax	12 26 02.8 +1.2
PFO	comp-Z,6.0nm,1.2s		eP	pmax	
PFO	Pinyon Flat Ob	82.33 325	P	P	12 26 02.5 +0.9
PFO	baz=83				
PFO	Pinyon Flat Ob	82.33 325	eP	P	12 26 02.8 +1.2
BELO	Belle Mtn. Jos	82.45 325	P	P	12 26 02.6 +0.4
M34A	Aspy Farms, Fr	82.51 342	P	P	12 26 02.2 0.0
P26A	Davis Ranch, A	82.55 337	P	P	12 26 02.9 +0.3
Q24A	Divide	82.58 335	P	P	12 26 03.4 +0.4
Q28A	Krutsinger Ran	82.59 338	P	P	12 26 02.7 -0.1
M33A	Taylor Creek F	82.72 342	P	P	12 26 03.2 -0.1
N30A	Hueftle Ranch,	82.75 340	P	P	12 26 03.0 -0.6
BGNE	Belgrade	82.81 341	P	P	12 26 03.8 0.0
L35A	Bielow Farm, R	82.85 343	P	P	12 26 04.0 0.0
O27A	Beecher Island	82.86 338	P	P	12 26 04.6 +0.4
L34A	Svendsen Farm,	82.90 343	P	P	12 26 04.0 -0.3
N29A	Votaw Ranch, W	82.91 339	P	P	12 26 04.4 0.0
GMRC	Granite Mounta	82.95 326	P	P	12 26 06.0 +1.1
M31A	Lambrecht Ranc	82.96 341	P	P	12 26 05.4 +0.8
PV01	Paradox Valley	83.01 333	eP	P	12 26 05.8 +0.6
N28A	Pribbeno Ranch	83.05 339	P	P	12 26 06.0 +0.9
CIS	Catalina Islan	83.06 323	P	P	12 26 07.2 +2.0
BBRC	Big Bear Solar	83.08 325	P	P	12 26 07.5 +1.9
O26A	Horse Wrangler	83.16 337	P	P	12 26 06.5 +0.7
L33A	Hoskins	83.31 342	P	P	12 26 07.3 +1.0
L32A	Elgin	83.33 342	P	P	12 26 07.7 +1.2
SMCO	Snowmass	83.38 334	eP	P	12 26 08.1 +0.9
BFSO	Mount Baldy Ra	83.40 324	P	P	12 26 08.1 +1.0
N27A	Anderson Farm,	83.43 338	P	P	12 26 08.2 +1.0
ISCO	Idaho Springs	83.48 335	eP	pP	12 26 09.3 +1.6
ISCO	comp-Z,6.0nm,1.1s		eP	pmax	12 26 17.6 -1.1
ISCO	Idaho Springs	83.48 335	P	P	12 26 08.8 +1.1
ISCO	baz=84				
ISCO	Idaho Springs	83.48 335	eP	P	12 26 09.3 +1.6
ISCO	comp-Z,6.4nm,1.1s		eP	pP	12 26 17.6 -1.1
K34A	Le Mars	83.52 343	P	P	12 26 08.4 +1.0
TUQ	Turquoise Moun	83.62 326	P	P	12 26 09.5 +1.2
K33A	Hardington	83.66 342	P	P	12 26 09.2 +1.1
L31A	Butterfield Fa	83.70 341	P	P	12 26 09.5 +1.1
L30A	Spencer Herefo	83.72 340	P	P	12 26 09.7 +1.2
J35A	Milford	83.97 344	P	P	12 26 11.0 +1.3
J44A	George	84.06 343	P	P	12 26 11.1 +1.0
BSC	Santa Cruz Isl	84.12 323	P	P	12 26 12.0 +1.3
SHPR	Sheep Range	84.19 327	eP	P	12 26 13.2 +2.0
SHPR	comp-Z,84nm,0.5s		eP	pP	12 26 23.8 +1.6
OSI	Osito Adit	84.20 324	eP	P	12 26 12.5 +1.3
J33A	Davis	84.32 343	P	P	12 26 12.3 +0.8
CCUT	Cedar City	84.34 329	eP	P	12 26 13.7 +1.7
K30A	Basset	84.37 341	P	P	12 26 13.4 +1.7
M25A	Palm-Egli Farm	84.48 337	P	P	12 26 13.3 +0.8
SBC	Santa Barbara	84.52 323	P	P	12 26 13.7 +1.0
L27A	TS Ranch, Ellis	84.56 339	P	P	12 26 13.9 +1.1
N23A	Red Feather La	84.58 336	P	P	12 26 13.2 0.0
J32A	Parkton	84.58 342	P	P	12 26 12.9 +0.1
SRU	San Rafael	84.59 332	eP	pP	12 26 14.3 +1.1
SRU	comp-Z,7.0nm,0.9s		eP	pmax	12 26 24.6 +0.4
SRU	San Rafael	84.59 332	eP	P	12 26 14.3 +1.1
SRU	comp-Z,7.3nm,0.9s		eP	pP	12 26 24.6 +0.4
ECSD	EROS Data Cent	84.64 343	P	P	12 26 12.9 -0.2
ECSD	EROS Data Cent	84.64 343	eP	P	12 26 13.5 +0.4
O20A	White River Ci	84.67 334	P	P	12 26 13.7 +0.1
MSU	Marysval	84.70 330	eP	pmax	12 26 14.9 +1.1
MSU	comp-Z,7.0nm,1.0s		eP	pmax	
MSU	Marysval	84.70 330	eP	P	12 26 14.9 +1.1
I34A	Hadley	84.76 344	P	P	12 26 14.0 +0.3
PHWY	Pilot Hill	84.79 336	eP	P	12 26 14.8 +0.5
MPMC	Manual Prospec	84.84 325	P	P	12 26 14.4 -0.1
K28A	Ten Mile Ranch	84.88 339	P	P	12 26 15.2 +0.9
PKM	Peak Mountain	84.94 323	P	P	12 26 14.9 -0.2
J30A	Dallas	84.95 341	P	P	12 26 14.7 0.0
ISA	Isabella	84.95 324	eP	pP	12 26 16.5 +1.6
ISA	comp-Z,6.0nm,0.8s		eP	pmax	12 26 27.7 +1.7
ISA	Isabella	84.95 324	P	P	12 26 14.6 -0.4
ISA	baz=85,SNR=5.5				
ISA	Isabella	84.95 324	eP	P	12 26 16.5 +1.6
ISA	comp-Z,5.9nm,0.8s				
ISA	Butcher Ranch,	84.99 332	eP	pP	12 26 27.7 +1.7
P17A	Trail Mountain	85.01 331	eP	pP	12 26 15.2 +0.1
TMUT	Trail Mountain	85.01 331	eP	pP	12 26 16.1 +0.7
TPNV	Topopah Spring	85.04 327	P	P	12 26 15.9 +0.4
DAC	Darwin (Calif)	85.06 325	eP	pmax	12 26 17.0 +1.3
DAC	comp-Z,2.0nm,0.9s				
DAC	Darwin (Calif)	85.06 325	eP	P	12 26 17.0 +1.3
K27A	Fleckerling Fa	85.11 339	P	P	12 26 16.2 +0.6
L25A	Engelbreten Ra	85.11 337	P	P	12 26 16.5 +0.9
I32A	Katley and Nic	85.11 343	P	P	12 26 15.0 -0.4
J29A	Okreek	85.24 340	P	P	12 26 15.7 -0.5
SPMN	St. Paul	85.27 346	P	P	12 26 15.9 -0.3
SPMN	baz=86,SNR=5.2				
SPMN	St. Paul	85.27 346	eP	P	12 26 15.9 -0.3
SPMN	comp-Z,2.7nm,0.8s				

SPMN	Spellman Lake,	85.34 344	eP	pP	12 26 26.8 -0.4
H34A	baz=86,SNR=8.7		eP	pP	12 26 16.4 -0.2
I31A	Royce, Wessing	85.37 342	P	P	12 26 16.8 +0.1
K26A	Motz Farm, Whi	85.38 338	P	P	12 26 17.1 +0.2
YES	Vestal, Richgr	85.38 324	P	P	12 26 17.6 +0.6
I30A	Elkhorn Farm,	85.48 341	P	P	12 26 17.2 -0.1
COWI	Conover	85.50 349	eP	P	12 26 17.3 0.0
COWI	comp-Z,24nm,0.8s				
J28A	Allard Ranch,	85.50 340	eP	pP	12 26 17.3 -0.1
K25A	Mack Ranch, Ha	85.50 338	P	P	12 26 17.2 -0.3
J27A	Elkhorn Farm,	85.55 339	P	P	12 26 18.6 +0.8
H32A	Carlson Farm,	85.56 343	P	P	12 26 17.6 -0.1
H33A	Prehn Over Nor	85.56 343	P	P	12 26 18.1 +0.4
I29A	Vivian Onida	85.81 341	P	P	12 26 19.2 +0.3
J26A	Sides Ranch, S	85.91 339	P	P	12 26 20.4 +0.8
NLU	North Lily Min	85.91 331	eP	P	12 26 20.7 +0.9
NLU	comp-Z,7.0nm,2.3s				
R11A	Troy Canyon, C	85.94 328	eP	pP	12 26 32.4 +1.6
R11A	baz=86,SNR=1.1		eP	pP	12 26 27.7 +0.8
R11A	Troy Canyon, C	85.94 328	eP	P	12 26 21.8 +1.9
I28A	Midland	86.02 340	P	P	12 26 20.6 +0.6
K23A	Bowen Ranch, D	86.16 337	P	P	12 26 21.2 +0.4
J25A	Sunshine Ranch	86.19 338	P	P	12 26 21.4 +0.4
I27A	Quinn	86.32 340	P	P	12 26 21.9 +0.4
H29A	Onida	86.35 341	P	P	12 26 21.9 +0.3
K22A	Casper	86.35 336	P	P	12 26 21.8 0.0
K22A	Casper	86.35 336	eP	P	12 26 22.8 +0.9
K22A	comp-Z,20nm,1.4s				
J24A	Dixon Ranch, L	86.39 337	eP	pP	12 26 33.5 +0.6
J24A	baz=87		eP	pP	12 26 22.2 +0.3
DUG	Dugway	86.40 331	eP	pP	12 26 23.6 +1.5
DUG	comp-Z,15nm,1.1s		eP	pmax	12 26 34.2 +1.0
DUG	Dugway	86.40 331	eP	P	12 26 22.2 +0.1
DUG	comp-Z,15nm,1.1s				
DUG	Dugway	86.40 331	eP	P	12 26 23.6 +1.5
DUG	comp-Z,15nm,1.1s				
TPH	Tonopah	86.40 327	eP	pP	12 26 34.2 +1.0
TPH	comp-Z,11nm,1.0s		eP	pmax	12 26 32.2 +1.0
TPH	comp-Z,12nm,1.0s				
TOA0	Torodi Ar. Sit	86.53 70	eP	P	12 26 22.5 -0.7
TORD	Torodi Ar. Bea	86.53 70	eP	P	12 26 23.1 0.0
TORD	comp-Z,6.8nm,0.8s, baz=233,slow=4.0,SNR=33				
TORD	comp-Z,4.2nm,0.7s, baz=242,slow=4.2,SNR=11				
TORD	comp-Z,7.9nm,0.8s, baz=226,slow=3.8,SNR=12				
TORD	comp-Z,6.8nm,0.8s, baz=180,slow=3.4				
G30A	Faulton	86.55 342	P	P	12 26 23.3 +0.8
H28A	Mission Ridge	86.60 340	P	P	12 26 23.2 +0.4
G29A	Hoven	86.80 341	P	P	12 26 23.6 -0.2
H27A	Hoves	86.85 340	P	P	12 26 24.0 0.0
I24A	Kuemmerle Ranc	86.86 338	P	P	12 26 24.1 -0.1
RSSD	Black Hills	86.93 338	eP	pP	12 26 27.4 0.0
RSSD	comp-Z,34nm,2.1s		eP	pmax	12 26 35.6 -0.1
RSSD	Black Hills	86.93 338	eP	P	12 26 24.7 0.0
RSSD	comp-Z,34nm,2.1s				
RSSD	Parade	86.95 341	eP	pP	12 26 35.6 -0.1
G28A	Fairpoint	87.02 339	P	P	12 26 24.8 +0.2
H26A	Fairpoint	87.02 339	P	P	12 26 25.6 +0.7
J22A	Midwest	87.02 336	P	P	12 26 25.4 +0.3
HWUT	Hardware Ranch	87.16 332	eP	P	12 26 26.8 +0.9
NVAR	Mina Array Bea	87.17 326	P	P	12 26 27.5 +1.5
NVAR	comp-Z,1.3nm,0.9s, baz=161,slow=5.2,SNR=8.2				
F30A	Leola	87.19 342	P	P	12 26 27.8 +0.8
F30A	comp-Z,2.0nm,0.7s, baz=164,slow=5.9,SNR=12				
H25A	Fruitdale	87.26 339	P	P	12 26 26.6 +0.6
F29A	Eureka	87.38 342	P	P	12 26 26.8 +0.2
I22A	9 Mile Ranch	87.46 337	P	P	12 26 27.2 +0.1
BW06	Boulder Array	87.46 334	eP	P	12 26 27.7 +0.4
PDAR	Pinedale Array	87.46 334	eP	P	12 26 27.4 0.0
PDAR	comp-Z,1.7nm,0.8s, baz=135,slow=4.9,SNR=16				
PDAR	comp-Z,2.1nm,0.7s, baz=142,slow=5.9,SNR=12				
PDAR	comp-Z,102nm,18.6s, baz=162,slow=33				
J20A	Shoshoni	87.49 335	P	P	12 26 27.3 -0.1
G27A	Dupree	87.50 340	P	P	12 26 27.3 +0.1
G26A	Maurine	87.60 340	P	P	12 26 27.7 +0.1
F28A	McLaughlin	87.64 341	P	P	12 26 27.8 0.0
I21A	Big Trails, Te	87.64 336	P	P	12 26 28.1 0.0
EYMN	Ely	87.67 348	P	P	12 26 27.4 -0.5
EYMN	baz=88,SNR=5.1				
EYMN	Ely	87.67 348	eP	P	12 26 28.0 +0.1
WAKR	Walker	87.73 325	eP	pP	12 26 30.5 +1.8
WAKR	comp-Z,25nm,1.0s		eP	pP	12 26 41.5 +1.7
J19A	Crowheart	87.73 335	P	P	12 26 28.8 +0.3
H23A	Clabaugh Cattl	87.73 338	P	P	12 26 27.9 -0.5
G25A	Newell	87.73 339	P	P	12 26 28.5 +0.2
HVU	Hansel Valley	87.75 331	eP	pP	12 26 29.3 +0.6
HVU	comp-Z,2.5nm,1.0s		eP	pP	12 26 40.5 +0.8
HVU	Hansel Valley	87.75 331	eP	pP	12 26 29.3 +0.6
E30A	Jud	87.78 342	P	P	12 26 28.6 +0.1
ELK	Elko	87.82 329	P	P	12 26 29.8 +0.7
ELK	comp-Z,4.1nm,0.9s, baz=154,slow=2.1,SNR=16				
F27A	Lenman	87.98 340	P	P	12 26 40.6 +0.4
F27A	baz=88				
E29A	Napoleon	88.02 342	P	P	12 26 29.3 -0.2
I20A	Huff	88.03 335	P	P	12 26 29.6 0.0
E28A	Huff	88.29 341	P	P	12 26 31.2 +0.3
D30A	Buchanan	88.32 343	P	P	12 26 30.6 -0.4
F25A	Bowman	88.42 339	P	P	12 26 30.7 -0.8
REDW	Red Top Meadow	88.44 333	eP	P	12 26 32.6 +0.7
REDW	comp-Z,4.6nm,0.8s				

D29A	Pettibone, Tap	88.47 342	P	P	12 26 32.0 +0.2
LOHW	Long Hollow	88.57 334	eP	P	12 26 33.0 +0.4
TPAW	Teton Pass	88.58 333	eP	P	12 26 33.1 +0.4
E26A	Carlson Angus	88.65 340	P	P	12 26 32.4 -0.2
MOOW	Moose Ponds	88.74 334	eP	P</	

2010 AUG

Table with columns: SR9d, SR13h, Station Name, Time, Res, etc. Includes stations like Sriramsagar, Ramapur, Palavaram, Borovoye, Yuzh-Sakhalins, YAKutsk, etc.

Table with columns: CALA, HOR, HOR, HOR, PMAN, etc. Includes stations like Caldeira, Horta, Hor, Manadas, etc.

Table with columns: URZ, STKA, WRA, WRA, ASAR, etc. Includes stations like Urz, Stephens Creek, Warrungarra Arr, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like Cedros, Cedros, Rosais, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like TINTI, LBMI, LBMI, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like GUMO, ASAR, CMAR, etc.

Table with columns: KUZU, Kuzuni, 1.50 225 iP, Pb, 14.56 53.0 0.0, Sg, 14.57 13.9 +0.5

MEX 09 15:04:27.3,0.3,16.43N,98.93W,h16km,999km,MD3.5, Near coast of Guerrero

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

IDC 09 15:06:18.5,1.2,1.23N,124.71E,h0km,mb3.4/4, mb1 3.5/4,mb1mx3.3/30,mbtmp3.4/4, Error ellipse: s-maj=10.4,8km s-min=23.1km az=60.0

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

IDC 09 15:10:05.7,3.8,2.66S,150.98E,h0km,mb3.4/3, mb1 3.5/3,mb1mx3.4/29,mbtmp3.4/3, Error ellipse: s-maj=118.8km s-min=32.5km az=105.0,New Ireland region

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

MAN 09 15:12:37.7,62N,127.21E,h30km,mb5.1,ML4.0,MS4.2, Philippine Islands region

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

IDC 09 15:24:45.6,0.7,5.81S,151.20E,h0km,mb4.2/13, mb1 4.3/15,mb1mx4.2/21,mbtmp4.2/15,ML2.62,MS3.4/12, Ms1 3.4/12,ms1mx3.3/32, Error ellipse: s-maj=27.7km s-min=14.6km az=107.0

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

Table with columns: YHNB, Yeheng, 41.85 318 eP, P, 15.32 40.3 +1.5

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

IDC 09 15:26:36.8,1.1,5.87S,151.30E,h0km,mb3.9/5, mb1 4.2/6,mb1mx3.9/28,mbtmp3.9/6,MS3.6/3,Ms1 3.6/3,ms1mx3.0/31, Error ellipse: s-maj=62.9km s-min=21.4km az=129.0

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

IDC 09 15:28:43.8,1.1,5.85S,0.3,151.1E,0.3,h43km,mb3.5/5, MS3.6/3, Error ellipse: s-maj=59.4km s-min=10.8km az=42.4

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

IDC 09 15:39:46.8,3.2,6.03S,150.80E,h0km,mb3.2/2, mb1 3.5/3,mb1mx3.2/27,mbtmp3.3/3,ML0.6/1, Error ellipse: s-maj=128.6km s-min=40.3km az=122.0,New Britain region

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

IDC 09 15:46:49.6,19.0,20.11S,179.66W,h573km,131km, mb2.8/2,mb1 3.1/3,mb1mx2.8/18,mbtmp3.9/3, Error ellipse: s-maj=452.9km s-min=45.2km az=140.0,Fiji Islands region

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

IDC 09 15:50:29.0,7.0,7.51S,128.94E,h230km,77km,mb3.3/3, mb1 3.4/5,mb1mx3.1/20,mbtmp3.6/3, Error ellipse: s-maj=108.9km s-min=28.6km az=70.0,Banda Sea

Table with columns: ZALV, Zalesovo Beam, 71.58 334 P, P, 16.01 24.2 -0.9

SJA 09 15:50:54.2,0.5,37.63S,74.30W,h33km,ML4.4,MW3.8 IDC 09 15:50:59.0,1.0,37.72S,73.36W,h0km,mb4.3/7, mb1 4.4/10,mb1mx4.2/29,mbtmp4.2/10,ML4.2/3,MS3.6/6, Ms1 3.6/6,ms1mx3.3/18, Error ellipse: s-maj=33.8km s-min=22.6km az=104.0

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

GUC 09 15:51:02.3,0.8,37.73S,73.39W,h48km,9km,ML5.3 NEIC 09 15:51:04.6,1.8,37.66S,73.30W,h37km,12km,mb4.5/2, Error ellipse: s-maj=20.7km s-min=10.3km az=65.0 NEIC Felt [V] at La Laja and San Rosendo; [IV] at Canete and Neibu; [III] at Angol, Chillan, Concepcion, Contulmu, Los Alamos, Nacimiento and Renaco; [II] at Talca and Temuco.

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

IDC 09 15:51:02.7,0.7,37.67S,0.05,73.43W,0.10,h23km,n59, s=1930.60,mb4.5/9,MS3.8/4,1D,Near coast of central Chile

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

ACAN Cantantel 7.43 45 eP Pn 15 52 49.9 +0.2 RTLL Cerro Villucun 7.53 34 eP Pn 15 52 40.1 -1.7

CPUP comp=Z,0.1mm,0.3s,baz=144,slow=11,SNR=2.9 Lg Lg 16 00 24.1

CPUP comp=Z,3.07mm,19.4s,baz=228,slow=40 Lg Lg 16 02 55.0

CPUP comp=Z,0.8mm,1.4s Lg Lg 15 55 07.4 -0.3

SJA 09 16:05:37.8,1.1,32.76S,72.21W,h33km,ML4.4,MW4.2 GUC 09 16:05:38.0,0.4,32.89S,71.95W,h29km,9km,ML4.7 NEIC 09 16:05:39.2,2.5,32.77S,71.95W,h23km,18km,mb4.0/2,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TATI Ternate, LBMI Labuha, SGSI Sangihe, KMSI Cibinong, SANI Sanana, SANI Luwuk, LUWI Luwuk, NLAN Namlea, MRSI Marisa, SWI Sorong, SJI Sorong, AMPA Ampang, FAKI Fak Fak, WRAB Tennant Creek, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, SONMI Songoing Array, MKAR Makanchi Array, ZALV Zalesovo Beam, KURB Kurchatov Arr, KURK Kurchatov, BVAR Borovoye Array, AKTO Aktyubinsk, VNSA Vanda.

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

ECX 09 17:36:14.3-0.6, 32.15N:115.21W, h8km, MD3.7, ML3.9
NEIC 09 17:36:14.5, 32.15N:115.23W, h9km, ML3.7(PAS), ML3.7(EX), After ECX.

NEIC Felt at San Luis Rio Colorado, Sonora.
MEX 09 17:36:15.3-0.5, 32.23N:115.29W, h16km, MD4.5
ISC 09 17:36:12.9-1.0, 32.21N:115.25W, 0.04, h10km, n11km, n36, 1904, 39, 6C-9D, California-Baja California border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MBIG Mexicali, CPBX Cerro Prieto, CPBX Rancho Dawling, ECXB El Chinero, EMSC East Mesa, DREC Drect Rsrch C, YMD Yuma Desert, COA Coachella, WESC Westside Schoo, RMX La Rumorosa, RMX Glamis, SPIG San Pedro Mart, SPIG San Pedro Mart, SPIG San Pedro Mart, SPX San Pedro Mart, CBX Cerro Bola, BAR Barrett, PFO Pinyon Flat Ob, AFA Organ Pipe Nat, LDFO Landfair, MWC Mount Wilson, GSC Goldstone, TUC Tucson, SHPR Sheep Range, ISA Isabella, DAR Darwin (Calif), WUAZ Wupakiti, W18A Petrified Fore, CCUT Cedar City, R11A Tori Canyon, C, 121A Cookies Peak, MSU Maryvale, MVCO Mesa Verde, LPM Los Pinos Moun, SRU San Rafael, PV04 Paradox Valley.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BAR Barrett, PFO Pinyon Flat Ob, AFA Organ Pipe Nat, LDFO Landfair, MWC Mount Wilson, GSC Goldstone, TUC Tucson, SHPR Sheep Range, ISA Isabella, DAR Darwin (Calif), WUAZ Wupakiti, W18A Petrified Fore, CCUT Cedar City, R11A Tori Canyon, C, 121A Cookies Peak, MSU Maryvale, MVCO Mesa Verde, LPM Los Pinos Moun, SRU San Rafael, PV04 Paradox Valley.

SJA 09 17:41:06.8, 0.8, 33.84S:74.25W, h33km, ML3.8, MW3.6
ISC/JB 09 17:41:17.3, 1.3, 34.41S:0.04:72.60W, 0.10, h10km, Error ellipse: s-maj=11.7km, s-min=5.6km, az=179.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like U65B Hualae0, U73B San Pedro, U69B Peumo, TALC Talca.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NICH Los Niches, LNCH Linares, COCH Cobquecura, RCDM Rinconada Maip, AAGR Agrelo, ARCO CERRO ARCO, AUCO comp=Z,138nm,0.5s, USPallata, ASAL Salagasta, RTLS Leoncito, RVCV Cerro Valdivia, RTLL Cerro Villucun, AMOG MOGNA.

ISC 09 18:07:58.6:16.0, 18.59S:177.94W, h517km, 193km, mb2.9/s, mb1 3.2/s, mb1mx2.9/3.5, mbmtmp3.8/5, Error ellipse: s-maj=115.1km, s-min=53.3km, az=168.0, Fiji islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, TXAR Lajitas Array, ILAR Eielson Array, GERES GERES Array B.

DDA 09 18:14:14.8, 40.11N:31.88E, h7km, MD2.7
ISC/JB 09 18:14:15.7-0.9, 40.13N:0.07:31.84E, 0.07, h9km, Error ellipse: s-maj=10.3km, s-min=6.9km, az=149.1
CSEM 09 18:14:15.8-0.5, 40.17N:31.78E, h9km, MD2.7, Error ellipse: s-maj=14.5km, s-min=11.8km, az=135.0

ISC 09 18:14:15.6:1.1, 40.16N:0.04:31.81E, 0.05, h9km, n11, 0.6545, 14, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AUMIH MALHALICK, BCAM Yenicaga, SVRH Sivrihisar-ESK, SVRH Sivrihisar-ESK, LOD Lodumlu, LOD Lodumlu, BOR A Eskisehir, BOR A Eskisehir, KIZT Kizilcal, KIZT Kizilcal.

SJA 09 18:15:07.1, 1.1, 33.10S:72.64W, h10km, ML4.3, MW3.8
ISC 09 18:15:14.6:2.0, 33.48S:71.33W, h0km, mb3.6/2, mb1 3.9/s, mb1mx3.7/2.9, mbmtmp3.9/5, ML4.0/3, MS3.7/1, M51 3.7/1, ms1mx2.8/1.8, Error ellipse: s-maj=54.3km, s-min=44.6km, az=77.0

GUC 09 18:15:17.2-0.6, 32.79S:71.98W, h30km, 3km, ML4.1
ISC 09 18:15:17.1-1.7, 32.98S:0.04:71.90W, 0.06, h9km, 10km, n33, 1919, 43, 1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like U73B San Pedro, PEL Peledehue, SAN Santiago, ANTU Antumapu, CLCH Cerro Calan, LACH Col Las America, PEUMO Peumo, YECH El Yeso, U65B Hualae0, AUSP USPallata, ARCS Leoncito, ARCO CERRO ARCO, AAGR Agrelo, ASAL Salagasta, RVCV Cerro Valdivia, RTLL Cerro Villucun, AMOG MOGNA, ACAN Cantaralt, VCA Vichina, VCA Vichina, Tanti, Choya, Cafayete, FSA FSA, LVC Limu Verde, LVC Limu Verde, LPAZ La Paz, SIV San Ignacio, TXAR Lajitas Array, TORD Torodi Arr, TORD WAKE ISLAND, H151 WAKE ISLAND, H151 WAKE ISLAND, ZALV Zalesovo Beam, MKAR Makanchi Array.

ISC 09 18:32:12.5:1.9, 2.56N:128.06E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.4/2.7, mbmtmp3.6/4, Error ellipse: s-maj=136.4km, s-min=23.0km, az=66.0
DJA 09 18:32:41.3:1.1, 2.2N:6.12E, h216km, 7km, M3.4/3, MLV3.4/3
ISC 09 18:32:41.6:2.2, 2.2N:0.02:128.4E, 0.1, h250km, n10, 1917/11, mb3.4/4, Halmahera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TATI Ternate, LBMI Labuha, SGSI Sangihe, KMSI Cibinong, SANI Sanana, LUWI Luwuk, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array.

ISC 09 18:55:30.4:3.6, 5.58S:149.68E, h0km, mb3.1/2, mb1 3.5/3, mb1mx3.2/2.2, mbmtmp3.3/3, ML1.1/1, Error ellipse: s-maj=136.7km, s-min=41.3km, az=113.0, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, TORD Torodi Arr, PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, TORD Torodi Arr, PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, TORD Torodi Arr.

ISC 09 18:24:03.7:1.6, 22.98S:170.74E, h0km, mb3.9/7, mb1 4.1/8, mb1mx3.9/3.0, mbmtmp3.9/8, ML3.8/1, MS3.0/1, Ms1 3.0/1, ms1mx2.6/1.8, Error ellipse: s-maj=64.8km, s-min=24.0km, az=155.0
ISC/JB 09 18:24:06.9:1.0, 22.9S:0.2:170.59E:0.9, h28km, mb3.9/7, Error ellipse: s-maj=31.6km, s-min=12.2km, az=179.1

ISC 09 18:24:08.6:1.2, 22.9S:0.3:170.6E:0.1, h28km, n11, 0.697/11, mb3.9/7, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, DZM Petrovavlovsk, HNR Honiara, STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, PMK Petropavlovsk, CMAR Chiang Mai Arr, SEY Seychan, NVAR Mina Array Bea, ARCES ARCES Array B, GERES GERES Array B.

SJA 09 18:31:11.9:0.8, 33.23S:73.90W, h10km, 83km, ML3.4, MW3.3
GUC 09 18:31:11.9:0.7, 34.38S:72.55W, h2km, 5km, ML3.5
ISC 09 18:31:18.5:2.3, 34.38S:0.04:72.6W, 0.1, h10km, n18, 1.168/25, 1C, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like U65B Hualae0, LNV Longovio, U73B San Pedro, U69B Peumo, NICH Los Niches, TALC Talca, CHCH Chadas Angosto, RCDM Rinconada Maip, CLCH Cerro Calan, PEL Peledehue, AARG Agrelo, ARCO CERRO ARCO, AUCO comp=Z,40nm,0.5s, USPallata, ASAL Salagasta, RTLS Leoncito, RVCV Cerro Valdivia, RTLL Cerro Villucun, AMOG MOGNA.

ISC 09 18:32:12.5:1.9, 2.56N:128.06E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.4/2.7, mbmtmp3.6/4, Error ellipse: s-maj=136.4km, s-min=23.0km, az=66.0
DJA 09 18:32:41.3:1.1, 2.2N:6.12E, h216km, 7km, M3.4/3, MLV3.4/3
ISC 09 18:32:41.6:2.2, 2.2N:0.02:128.4E, 0.1, h250km, n10, 1917/11, mb3.4/4, Halmahera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TATI Ternate, LBMI Labuha, SGSI Sangihe, KMSI Cibinong, SANI Sanana, LUWI Luwuk, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array.

ISC 09 18:55:30.4:3.6, 5.58S:149.68E, h0km, mb3.1/2, mb1 3.5/3, mb1mx3.2/2.2, mbmtmp3.3/3, ML1.1/1, Error ellipse: s-maj=136.7km, s-min=41.3km, az=113.0, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, TORD Torodi Arr, PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, TORD Torodi Arr.

ISC 09 18:56:56.8:2.9, 7.13S:150.13E, h0km, mb3.6/2, mb1 3.9/4, mb1mx3.6/2.3, mbmtmp3.8/4, ML4.0/1, MS2.9/1, Ms1 2.9/1, ms1mx2.4/2.2, Error ellipse: s-maj=70.0km, s-min=44.8km, az=115.0, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, TORD Torodi Arr, PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, TORD Torodi Arr.

ISC 09 18:57:44.7, 39.53N:37.98E, h8km, MD2.8
ISC/JB 09 18:57:45.0:0.6, 39.56N:0.03:37.98E:0.04, h6km, 6km, Error ellipse: s-maj=5.6km, s-min=4.7km, az=24.3
DDA 09 18:57:45.0:0.2, 39.56N:37.98E, h10km, MD2.9, Error

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like U65B Hualae0, U73B San Pedro, U69B Peumo, TALC Talca.

ellip: s-maj=4.2km s-min=2.9km az=63.0
ISC 09 18:57:45.3.1.1, 39.55N.0.03.37.99E.0.03, h7km, 10km,
n21, c0556/38, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like CUKAN, KEMALIE, KARACAYIR, etc.

ISC 09 19:04:20.2.4.1, 5.63S, 149.56E, h0km, mb3.0/2,
mb1 3.4/2, mb1mx3.1/21, mbtmp3.1/2, Error ellipse:
s-maj=164.1km s-min=48.6km az=115.0, New Britain
region

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

ISC/JB 09 19:14:16.4.0.5, 37.88N.0.03.26.82E.0.04, h8km, 4km,
Error ellipse: s-maj=5.6km s-min=3.3km az=143.4

DDA 09 19:14:16.4, 37.88N.26.82E, h6km, M22.9
ISK 09 19:14:16.4, 37.92N.26.85E, h8km, M22.9
CSEM 09 19:14:16.9.0.1, 37.90N.26.85E, h5km, M22.9, Error
ellipse: s-maj=3.4km s-min=2.3km az=56.0

ATH 09 19:14:16.1, 37.81N.26.79E, h22km, 1km, M22.9/4
ISC 09 19:14:16.7.0.9, 37.90N.0.02.26.84E.0.02, h11km, 8km,
n32, c0554/53, Dodecanese Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like SMG, GCAM, URLA, etc.

ISC 09 19:20:44.7.9.5, 43S, 150.20E, h102km, 54km, mb3.2/2,
mb1 3.5/3, mb1mx3.0/33, mbtmp3.7/3, Error ellipse:
s-maj=119.1km s-min=54.6km az=119.0, New Britain
region

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

WEL 09 19:28:42.6.0.3, 37.41S, 177.30E, h137km, 2km, ML3.7/10,
10C-2D, Error ellipse: s-maj=2.1km s-min=1.7km az=0.0,
Off east coast of North Island

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

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like TWGZ, MWZ, WMGZ, etc.

ISC 09 19:32:59.8.3.6, 5.73S, 149.95E, h0km, mb3.2/2,
mb1 3.6/3, mb1mx3.3/30, mbtmp3.4/3, ML1.6/1, Error
ellipse: s-maj=145.7km s-min=39.1km az=116.0, New
Britain region

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

NIED 09 19:35:00.36.10N, 138.10E, h220km, Mw3.9 Best
double couple: M=8.300000, 1014 NP1=32.000000,
δ21.000000, λ=-122.000000. NP2=186.000000,
δ72.000000, λ=-79.000000.

MOS 09 19:35:37.8.1.3, 36.14N, 138.02E, h216km, mb4.0/6, Error
ellipse: s-maj=19.0km s-min=13.7km az=72.4

ISC/JB 09 19:35:38.4.0.3, 36.17N, 138.04E, h106km,
mb1 3.6/13, mb1mx3.4/53, mbtmp4.0/15, Error ellipse:
s-maj=12.7km s-min=8.5km az=79.0

JMA 09 19:35:39.2.0.1, 36.15N, 138.09E, h216km, 1km, M3.9
Broadband fault plane solution: P waves. NP1:
φs191.000000, δ73.000000, λ=-73.000000. NP2:
φs326.000000, δ24.000000, λ=-133.000000. Principal axes:
T P1g26.0000, Azm268.0000, N P1g16.0000,
Azm6.0000, P P1g59.0000, Azm125.0000.

ISC 09 19:35:39.3.0.6, 36.17N, 138.02E, h106km, h213km, 5km,
n41, c0575/55, mb3.6/13, 3C-4D, Eastern Honshu

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

ISC 09 19:39:39.0.6, 36.17N, 138.02E, h106km, h213km, 5km,
n41, c0575/55, mb3.6/13, 3C-4D, Eastern Honshu

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

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

ISC 09 19:37:31.5.3.1, 6.25S, 150.44E, h0km, mb3.5/3,
mb1 3.8/4, mb1mx3.5/35, mbtmp3.7/4, ML2.1/1, MS2.8/1,
Ms1 2.8/1, ms1mx2.5/20, Error ellipse: s-maj=107.2km
s-min=30.6km az=114.0, New Britain region

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

KRNET 09 19:38:48.0.1.1, 39.16N, 70.74E, mb3.8
N1C 09 19:38:50.9.1.2, 39.05N, 70.77E, h0km, mb3.9, mpv3.6,
Error ellipse: s-maj=17.2km s-min=5.6km az=154.0

ISC/JB 09 19:38:52.1.0.8, 39.23N, 0.07.70.74E.0.07, h10km, Error
ellipse: s-maj=11.8km s-min=5.1km az=145.5

ISC 09 19:38:51.1.1.2, 39.11N, 0.08.70.78E.0.05, h10km, n24,
c22/35, 17C-10D, Tajikistan

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

9d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC, h, m, s, ISC. Includes stations like UTTA Utaradit, SISI Sabi, KCSI Kotacane, etc.

2018 AUG

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC, h, m, s, ISC. Includes stations like KZR Kazreti, AKH Akhalkalaki, DGRG David-gareji, etc.

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

9d 21h

Table with columns for station name, coordinates, and various parameters. Includes stations like GTA, WMQ, Urumqi, etc.

2010 AUG

Table with columns for station name, coordinates, and various parameters. Includes stations like TESRA, NIE, Niedzica, etc.

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Table with columns for station name, coordinates, and various parameters. Includes stations like TORD, NNC, DZET, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RAHZ, NMHZ, WPHV, SNGZ, WHVZ, etc.

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

ISC/JB 09 21:26:23.0,0.6,30.45N,0.07x138.18E,0.2,h450km, mb3.4/6, Error ellipse: s-maj=17.9km s-min=8.2km az=167.2

ISC 09 21:26:23.9,0.7,30.41N,138.79E,h438km,11km,mb3.1/6, mb1 3.2/9, mb1mx3.2/8.53, mbtmp3.9/9, Error ellipse: s-maj=25.7km s-min=11.2km az=80.0

ISC 09 21:26:24.2,1.1,30.33N,111.39W,0.05x0.3,h450km,n10, s=142/11, mb3.5/6, Southeast of Honshu

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

ISC 09 21:35:12.9,1.5,6.46N,122.20E,h0km,mb4.0/4, mb1 4.2/4, mb1mx3.5/50, mbtmp4.0/4, Error ellipse: s-maj=21.3km s-min=19.7km az=63.0, Mindanao

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

ISC/JB 09 21:38:08.9,1.0,22.1S,0.4x178.0W,0.2,h373km,mb3.6/7, Error ellipse: s-maj=52.3km s-min=12.5km az=161.5

ISC 09 21:38:13.8,8.3,22.10S,177.99W,h411km,78km,mb3.4/7, mb1 3.7/7, mb1mx3.3/31, mbtmp4.2/7, Error ellipse: s-maj=63.7km s-min=31.1km az=141.0

AUST 09 21:38:13.4,11.0,22.36S,175.94W,h607km,1km, Error ellipse: s-maj=56km s-min=2km az=15.0

ISC 09 21:38:10.0,1.1,22.1S,0.4x177.9W,0.2,h373km,n16, s=073/16, mb3.6/7, South of Fiji Islands

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

ISC 09 21:39:18.8,38.81N,27.87E,h5km,MD2.6 DDA 09 21:39:19.4,38.85N,27.84E,h7km,MD2.9

CSEM 09 21:39:20.0,0.2,38.83N,27.84E,h2km,MD2.6, Error ellipse: s-maj=4.2km s-min=2.5km az=64.0

ISC 09 21:39:19.5,1.0,38.83N,0.03x27.82E,0.04,h4km,8km,n28, s=0934/46, Turkey

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

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

IDC 09 21:39:20.1,3.3,7.40S,150.86E,h0km,mb3.4/2, mb1 3.8/3, mb1mx3.4/39, mbtmp3.6/3, ML1.6/1, Error ellipse: s-maj=110.1km s-min=45.9km az=128.0, New Britain region

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

IDC 09 21:39:33.3,1.2,31.75N,49.52E,h0km,mb3.8/14, mb1 3.9/15, mb1mx3.7/45, mbtmp3.8/15, ML4.2/1, Error ellipse: s-maj=28.5km s-min=16.1km az=173.0

ISC/JB 09 21:39:34.0,6.0,31.60N,0.04x43E,0.04,h10km, mb3.7/14, Error ellipse: s-maj=7.0km s-min=4.5km az=33.2

THR 09 21:39:36.7,0.3,31.58N,49.48E,h33km,4km,ML3.7 CSEM 09 21:39:36.8,0.2,31.64N,49.50E,h10km,ML3.8, Error ellipse: s-maj=5.1km s-min=2.7km az=37.0

TEH 09 21:39:37.3,31.67N,49.50E,h8km,ML3.8 ISN 09 21:39:40.1,8.29,13N,45.23E,h0km,ML3.8

ISC 09 21:39:35.4,0.7,31.62N,0.05x49.46E,0.04,h10km,n83, s=142/79, mb3.7/14, Western Iran

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

ISC 09 21:39:13.8,8.3,22.10S,177.99W,h411km,78km,mb3.4/7, mb1 3.7/7, mb1mx3.3/31, mbtmp4.2/7, Error ellipse: s-maj=63.7km s-min=31.1km az=141.0

AUST 09 21:38:13.4,11.0,22.36S,175.94W,h607km,1km, Error ellipse: s-maj=56km s-min=2km az=15.0

ISC 09 21:38:10.0,1.1,22.1S,0.4x177.9W,0.2,h373km,n16, s=073/16, mb3.6/7, South of Fiji Islands

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

ISC 09 21:39:18.8,38.81N,27.87E,h5km,MD2.6 DDA 09 21:39:19.4,38.85N,27.84E,h7km,MD2.9

CSEM 09 21:39:20.0,0.2,38.83N,27.84E,h2km,MD2.6, Error ellipse: s-maj=4.2km s-min=2.5km az=64.0

ISC 09 21:39:19.5,1.0,38.83N,0.03x27.82E,0.04,h4km,8km,n28, s=0934/46, Turkey

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

ISC 09 21:39:18.8,38.81N,27.87E,h5km,MD2.6 DDA 09 21:39:19.4,38.85N,27.84E,h7km,MD2.9

CSEM 09 21:39:20.0,0.2,38.83N,27.84E,h2km,MD2.6, Error ellipse: s-maj=4.2km s-min=2.5km az=64.0

ISC 09 21:39:19.5,1.0,38.83N,0.03x27.82E,0.04,h4km,8km,n28, s=0934/46, Turkey

ZAA1	Zalesovo Array	40.72 353	eP	P	22 29 22.3	+0.1
SUI1	Sorong	40.74 108	LR	LR	22 49 38.2	
BND1	Bandanaira	41.00 114	P	P	22 29 26.8	+1.6
CN2	Changchun	41.03 37	eS	S	22 29 25.7	+0.6
CN2			PMZ		22 35 32.7	-2.8
CN2	comp=Z,20nm,0.7s			PMZ		
CN2	comp=Z,200nm,4.0s			LN		
CN2	comp=Z,600nm,16.0s			LE		
CN2	comp=Z,800nm,16.0s			LZ		
CN2	comp=Z,1um,17.0s					
IZEF	Zefreh	41.52 305	eP	P	22 29 29.6	+0.1
IGLO	Ghaloghah	41.61 310	eP	P	22 29 31.7	+1.5
CIT	Chita	41.76 19	eP	P	22 29 31.2	+0.2
NVS	Novosibirsk	41.79 352	i/P	P	22 29 30.3	-0.8
NVS	comp=Z,50nm,1.2s			pmx		
NVS	comp=N,39nm,1.4s			pmx		
NVS	comp=E,13nm,1.4s			pmx		
IALA	Alashi	42.22 309	eP	P	22 29 37.6	+2.3
IKLH	Kolahrod	42.25 305	eP	P	22 29 36.1	+0.6
KRAR	Krasnoyarsk	42.29 0	i/P	P	22 29 36.2	+1.1
KRAR	comp=Z,81nm,1.2s			MLR		
FAKI	Fak Fak	42.44 110	eP	P	22 29 35.9	-1.1
IPR	Pirpir	42.61 304	eP	P	22 29 38.5	-0.1
IDMV	Damavand	42.62 308	eP	P	22 29 39.8	+1.2
IPRN	Peran	42.63 309	eP	P	22 29 40.0	+1.6
IVRN	Varamin	42.66 307	eP	P	22 29 40.2	+1.6
IAFJ	Afjeh	42.97 308	eP	P	22 29 43.0	+1.6
BRVK	Borovyoye	43.22 340	eP	P	22 29 42.1	-0.6
BRVK	comp=Z,208nm,0.9s,SNR=29					
BRVK	Borovyoye	43.22 340	eP	P	22 29 42.6	-0.1
BRVK	comp=Z,31nm,0.9s					
BRVK	Borovyoye	43.22 340	eP	P	22 29 42.6	-0.1
BRVK	comp=Z,51nm,0.9s					
IRS	Iran Long-Peri	43.62 307	eP	P	22 29 47.8	+1.3
SAUI	Saumliki	43.84 117	eP	P	22 30 00.3	+1.2
MDJ	Mudanjiang	43.94 38	eP	P	22 29 49.4	+0.7
MDJ			pp	pp	22 29 50.0	-0.2
MDJ			sp	sp	22 30 01.7	+0.3
MDJ			pp	pp	22 31 37.9	+3.6
MDJ			S	S	22 36 18.3	0.0
MDJ	comp=Z,7.0nm,1.2s			PMZ		
MDJ	comp=Z,160nm,6.8s			LN		
MDJ	comp=Z,630nm,16.7s			LE		
MDJ	comp=Z,270nm,14.9s			LZ		
IRAZ	Razghin	44.19 307	eP	P	22 29 52.6	+1.6
IGZV	Ghazvin	44.28 309	eP	P	22 29 53.4	+1.6
ABKAR	Abkulak array	44.60 330	eP	P	22 29 58.7	0.0
USRK	Ussuriysk Ar.	45.19 40	eP	P	22 29 58.7	0.0
USRK	comp=Z,5.1nm,0.8s,baz=251,slow=7.7,SNR=11					
USRK				LR		
RAYN	Ar Rayn	45.73 290	eP	P	22 30 03.0	-0.3
RAYN	comp=Z,106nm,1.2s,SNR=9.4					
IKOM	Komasi	45.74 305	eP	P	22 30 03.0	-0.1
IVIS	Veis	46.36 305	eP	P	22 30 07.8	-0.4
MAJO	Matsushiro	46.48 52	eP	P	22 30 09.8	+0.8
MAJO	comp=Z,134nm,1.3s			MLR		
MAJO	comp=Z,6um,21.0s					
MAJO	Matsushiro	46.48 52	eP	P	22 30 09.4	+0.4
MAJO	comp=Z,108nm,1.8s					
MAJO	Matsushiro	46.48 52	eP	P	22 31 43.5	+0.2
MAT	Matsushiro	46.48 52	eP	P	22 30 09.7	+0.7
MAT			S	S	22 36 55.6	+0.3
MJAR	Matsushiro Arr	46.48 52	eP	P	22 30 10.2	+1.2
MJAR	comp=Z,7.5nm,1.1s,baz=262,slow=12,SNR=22					
MJAR			PcP	PcP	22 31 43.5	+0.2
MJAR	comp=Z,4.3nm,0.7s,baz=237,slow=4.2,SNR=6.9			ScP		
MJAR	comp=Z,3.1nm,0.9s,baz=244,slow=3.9,SNR=7			ScP		
MJAR	comp=Z,868nm,19.9s,baz=250,slow=39			LR		
MJAR	Matsushiro Arr	46.48 52	eP	P	22 30 10.2	+1.2
MJAR					22 31 43.5	
MJAR	comp=Z,8.0nm,1.1s			pmx		
MJAR	comp=Z,4.0nm,0.7s			pmx		
MJAR	comp=N,3.0nm,0.9s			pmx		
MJAR	comp=Z,868nm,20.0s			MLR		
IDHR	Dehrash	46.77 305	eP	P	22 30 10.8	-0.8
JHU	Hachio jima 2	46.84 57	LR	LR	22 50 45.8	
DAMY	Dhamar	46.90 277	eP	P	22 30 15.4	+2.5
YAK	Bodaibo	46.92 15	eP	P	22 30 12.1	0.0
BOD				pmx		
KLR	Kul dur	47.73 34	eP	P	22 30 14.8	-3.8
JCJ	Chichijima	47.90 66	LR	LR	22 51 42.9	
SMPI	Sarmi	48.08 105	eP	P	22 30 22.8	+1.0
MAK	Makhackkala	48.62 316	eP	P	22 30 21.9	-3.6
MAK			eS	S	22 32 18.6	
MAK			eSS	SS	22 37 22.9	-2.6
MAK			eSSS	SSS	22 40 53.1	-2.7
MAK	comp=Z,107nm,2.0s			pmx		
MAK	comp=Z,594nm,20.0s			MLR		
HABR	Khabarovsk	49.17 36	eP	P	22 30 27.4	-2.2
HABR			e'SP	S	22 30 41.1	-1.9
HABR			e	P	22 31 49.9	
HABR			ePPP	PPP	22 32 21.3	
HABR			eS	S	22 37 31.2	-1.8
HABR			e'SS	SS	22 37 48.3	-0.5
HABR			eSS	SS	22 40 16.9	
HABR			eSSS	SSS	22 41 04.9	+0.4
HABR	comp=Z,36nm,1.3s			pmx		
HABR	comp=Z,873nm,20.0s			MLR		
DGRG	David-gareji	49.55 313	eP	P	22 30 32.1	-0.6
DGRG	David-gareji	49.55 313	eP	P	22 30 32.1	-0.6
GNI	Garni	49.58 311	i/P	P	22 30 35.0	+1.9
GNI	comp=Z,108nm,1.1s			pmx		
GNI	comp=Z,671nm,19.0s			MLR		
GNI	Garni	49.58 311	i/P	P	22 30 35.2	+2.1
GNI	SNR=23					
GNI	comp=Z,114nm,1.2s			P	22 30 35.1	+1.9
SVE	Sverdlovsk	49.60 337	i/P	P	22 30 33.4	+0.6
SVE			e	P	22 31 54.5	
SVE			eS	S	22 32 34.8	
SVE			eS	S	22 37 39.3	+0.4
SVE	comp=Z,128nm,1.3s			pmx		
SVE	comp=Z,493nm,18.0s			MLR		
TBLG	Delisi	50.09 313	eP	P	22 30 37.4	+0.5
TBLG	Delisi	50.09 313	eP	P	22 30 37.3	+0.5
ARU	Arti	50.12 336	i/P	P	22 30 36.7	0.0
ARU				PPP		

ARU	comp=Z,82nm,1.7s		S	S	22 37 48.9	+2.9
ARU	comp=Z,1um,24.0s		MLR	MLR		
ARU	Arti	50.12 336	eP	P	22 30 36.6	-0.1
ARU	comp=Z,247nm,1.1s,SNR=19					
ARU	Arti	50.12 336	eP	P	22 30 36.1	-0.6
AKH	Akhalkalaki	50.87 313	eP	P	22 30 45.0	+2.1
AKH	Akhalkalaki	50.87 313	i/P	P	22 30 45.0	+2.1
AKH	Akhalkalaki	50.87 313	i/P	P	22 30 44.8	+1.9
ZEI	Tsey	51.03 314	eP	P	22 32 42.7	-1.4
ZEI	comp=Z,126nm,0.7s		pmx	pmx		
ONI	Oni	51.28 314	eP	P	22 30 46.5	+0.7
ONI	Oni	51.28 314	eP	P	22 30 46.5	+0.7
NCK	Naichik	51.48 315	i/P	P	22 30 48.1	+0.9
NEY	Neytrino	52.00 315	i/P	P	22 30 53.1	+1.8
NEY	comp=Z,16nm,2.6s		pmx	pmx		
NEY	comp=Z,589nm,17.0s		MLR	MLR		
KBZ	Khabaz	52.03 315	eP	P	22 30 52.1	+0.8
KBZ	comp=Z,6.8nm,0.7s,baz=124,slow=7.3,SNR=24		LR	LR	22 57 26.7	
SNFV	Sufian	52.14 306	eP	P	22 30 52.9	+0.5
KIV	Kislovodsk	52.25 315	eP	P	22 30 53.9	+0.8
KIV	comp=Z,412nm,19.1s,baz=98,slow=41					
KIV	Kislovodsk	52.25 315	eP	P	22 30 54.3	+1.2
KIV	comp=Z,497nm,0.8s,SNR=14					
KIV	Kislovodsk	52.25 315	i/P	P	22 30 54.2	+1.2
KIV	SNR=18					
KIV	Kislovodsk	52.25 315	eP	P	22 30 54.2	+1.2
KIV	comp=Z,73nm,0.9s					
CHVG	Ch'k'valeri	52.27 314	i/P	P	22 30 55.3	+2.1
CHVG	Damavand	52.27 314	i/P	P	22 30 54.7	+1.5
GOF	Gofitskoye	52.39 317	i/P	P	22 30 54.8	+0.8
GOF			pmx	pmx		
WRA	Warrunguna Arr	52.75 128	eP	P	22 30 56.1	-0.8
WRA	comp=Z,47nm,0.7s,baz=313,slow=8.0,SNR=357		PcP	PcP	22 32 06.2	-0.2
WRA	comp=Z,6.2nm,0.7s,baz=320,slow=3.2,SNR=7.9		ScP	ScP	22 35 59.5	-2.1
WRA	comp=Z,2.2nm,0.9s,baz=315,slow=3.9,SNR=5.3		ScP	ScP	22 30 56.3	-0.7
WRAB	Tennant Creek	52.76 128	eP	P	22 30 56.3	-0.7
WRAB	comp=Z,68nm,0.8s					
WRAB	Tennant Creek	52.76 128	eP	P	22 30 56.0	-1.0
WRAB	comp=Z,528nm,0.9s,SNR=7.8					
WRAB	Tennant Creek	52.76 128	eP	P	22 30 56.3	-0.7
WRAB	comp=Z,68nm,0.8s					
FURI	Furi	53.21 271	eP	P	22 31 02.9	+2.0
FURI	comp=Z,144nm,1.5s					
JHLN	Al Jahlan	53.34 304	eP	P	22 31 02.3	+1.1
MALT	Malatya	53.84 308	i/P	P	22 31 05.7	+0.8
ROOS	ti_alroos	54.03 302	eP	P	22 31 07.2	+0.8
RABH	Abou Rabah	54.14 303	eP	P	22 31 06.6	-0.5
SOC	Sochi	54.19 314	eP	P	22 31 06.1	-1.1
SOC			eS	S	22 33 05.2	
SOC			pmx	pmx	22 38 42.8	+0.6
SOC	comp=Z,42nm,0.8s		MLR	MLR		
SOC	comp=Z,480nm,20.0s					
YUK	Yuzh-Kuril'sk	54.29 45	eP	P	22 31 07.9	0.0
YUK			iS	S	22 38 57.8	+1.4
YUK	comp=N,122nm,22.0s			MLR		
YUK	comp=E,189nm,22.0s			MLR		
YUK	comp=Z,400nm,22.0s			MLR		
SALA	Sala	54.31 301	eP	P	22 31 06.7	-1.9
NKL	Nikolayevsk	54.57 33	eP	P	22 31 07.0	-2.7
NKL	comp=Z,34nm,1.0s					
NKL	comp=N,900nm,18.0s			MLR		
NKL	comp=E,500nm,18.0s			MLR		
NKL	comp=Z,1um,18.0s			MLR		
AS12	Alice Springs	54.67 132	eP	P	22 31 10.3	-0.7
AS12			eP	P	22 32 14.0	+0.3
ASAR	Alice Springs	54.67 132	eP	P	22 31 10.3	-0.7
ASAR	comp=Z,11nm,0.3s,baz=312,slow=7.0,SNR=110					
ASAR	comp=Z,5.5nm,1.1s,baz=297,slow=3.5,SNR=4.0			PcP		
ASAR	comp=Z,2.0nm,0.6s,baz=310,slow=4.5,SNR=8.0			ScP		
ASAR	comp=Z,303nm,18.6s,baz=306,slow=40			LR		
ASAR	Alice Springs	54.67 132	eP	P	22 31 10.3	-0.7
ASAR					22 32 14.0	
ASAR	comp=Z,11nm,0.4s			pmx		
ASAR	comp=Z,6.0nm,1.1s			pmx		
ASAR	comp=N,2.0nm,0.6s			pmx		
ASAR	comp=Z,303nm,18.6s			MLR		
HAWK	Haweek	54.81 303	eP	P	22 31 12.1	+0.1
WRDH	Waridhe	54.94 304	eP	P	22 31 12.7	-0.2
TCHB	Taichebab	54.95 300	eP	P	22 31 12.7	-0.2
YAK	Yakutsk	55.02 20	eP	P	22 31 12.2	-0.7
YAK	comp=Z,2.7nm,0.3s,baz=235,slow=16,SNR=8.1					
YAK	Yakutsk	55.02 20	i/P	P	22 31 12.2	-0.7
YAK			e	P	22 32 08.5	
YAK			e	P	22 33 15.7	
YAK			ePPP	PPP	22 34 36.1	
YAK						

2010 AUG

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like SMTH, RDO, PETK, MRL, KZD, LIA, etc.

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like BSD, BSD, BSD, VNSD, PVCC, PVCC, etc.

9d 22h

FUR	Furstenfeldbrunn	74.34 317	eP	P	22 33 19.2	-0.1
MOTA	Mossalm	74.51 316	iP	P	22 33 19.4	-1.0
BSEG	Bad Segeberg	74.69 323	eP	P	22 33 21.9	+0.8
RETA	Reutte	74.73 316	iP	P	22 33 21.0	-0.6
CLZ	Clauthal	74.75 320	eP	P	22 33 22.0	+0.4
FETA	Feichten	74.78 315	iP	P	22 33 21.4	-0.7
KONO	Kongsberg	74.92 329	eP	Pmax	22 33 22.5	+0.1
KONO	Kongsberg	74.92 329	eP	P	22 33 22.5	+0.1
UBBA	Unterbreizbach	75.03 319	eP	P	22 33 23.0	0.0
FUORN	Ofenpass-Fuorn	75.13 315	eP	P	22 33 23.9	-0.3
MUD	Monsted U'grnd	75.25 325	iP	P	22 33 24.9	+0.6
MUD	Monsted U'grnd	75.25 325	iP	Pmax	22 33 24.9	+0.6
DAVA	Damm	75.34 316	iP	P	22 33 24.9	-0.4
STU	Stuttgart	75.69 317	eP	P	22 33 27.0	0.0
STU	Stuttgart	75.69 317	eP	Pmax	22 33 26.8	-0.2
STU	Stuttgart	75.69 317	eP	P	22 33 26.8	-0.2
STU	Stuttgart	75.77 315	eP	P	22 33 26.9	-0.9
MOL	Molde	75.83 332	eP	P	22 33 28.0	+0.5
LBTB	Lobatse	75.93 240	eP	Pmax	22 33 30.1	+1.2
LBTB	Lobatse	75.93 240	eP	P	22 33 30.1	+1.2
TNS	Tanus Mts	76.06 319	eP	P	22 33 29.5	+0.3
BFO	Black Forest	76.30 317	eP	P	22 33 30.1	-0.4
BFO	Black Forest	76.30 317	eP	P	22 33 30.5	0.0
BFO	Black Forest	76.30 317	iP	P	22 33 30.2	-0.3
BFO	Black Forest	76.30 317	eP	P	22 33 29.9	-0.6
IBBN	Ibbenburen	76.33 321	eP	P	22 33 31.1	+0.6
VSL	Villasalto	76.44 308	eP	P	22 33 31.0	-0.5
BLSS	Blasjo	76.53 328	eP	P	22 33 31.8	+0.2
BLSS	Blasjo	76.53 328	eP	IAMS_20	22 33 31.8	+0.2
BUG	Bochum-Univers	76.70 320	eP	P	22 33 33.1	+0.4
KEST	Kesra	76.92 304	eP	P	22 33 34.2	-0.2
WTSB	Winterswijk	76.94 321	eP	P	22 33 34.1	+0.1
ECH	Echery	77.09 317	eP	Pmax	22 33 34.6	-0.4
ECH	Echery	77.09 317	eP	P	22 33 34.6	-0.4
SENN	Lac Senne	77.19 315	eP	P	22 33 35.9	0.0
MEM	Memmbach	77.58 319	eP	P	22 33 37.3	-0.3
WLF	Walferdange	77.59 318	eP	P	22 33 38.3	+0.5
WLF	Walferdange	77.59 318	eP	Pmax	22 33 38.2	+0.5
WLF	Walferdange	77.59 318	eP	P	22 33 38.2	+0.5
BOSA	Bosho	77.60 236	eP	P	22 33 39.1	+0.9
BOSA	Bosho	77.60 236	eP	LR	22 33 39.1	+0.9
HGN	Heimsgroeve	77.61 320	eP	P	22 33 37.6	-0.2
HGN	HGN	77.61 320	eP	PP	22 36 54.0	+2.1
HGN	HGN	77.61 320	eP	SS	22 44 09.5	+4.2
HGN	HGN	77.61 320	eP	SS	22 48 47.6	+2.1
BEBN	Eben Emael	77.77 320	eP	P	22 33 38.8	+0.1
BCLA	Clavier	78.05 319	eP	P	22 33 40.5	+0.2
SNF	Benefe	78.68 319	eP	P	22 33 44.0	+0.3
SSB	Saint Sauveur	79.24 314	eP	P	22 33 46.9	-0.1
SSB	Saint Sauveur	79.24 314	eP	Pmax	22 33 46.9	-0.1
WALI	Walis	80.47 330	eP	P	22 33 53.3	+0.1
CASY	Casey	80.77 173	eP	P	22 33 55.1	+0.5
LCP	Cassop	81.45 324	eP	P	22 33 58.5	-0.1
DAG	Danmarks Havn	81.60 347	iP	P	22 33 57.9	-1.1
DAG	Danmarks Havn	81.60 347	iP	Pmax	22 33 57.9	-1.1
ILAR	Haverah Park	81.69 323	eP	P	22 34 00.2	+0.3
CWF	Charnwood Fore	81.75 322	eP	P	22 33 59.6	-0.6
MCD	Coleburn Disti	81.83 327	eP	P	22 34 00.8	+0.2
ESY	Stoneypath	81.84 326	eP	P	22 34 00.7	0.0
LHO	Holmfrith	81.91 323	eP	P	22 34 00.5	-0.6
EDI	Edinburgh	82.16 326	eP	P	22 34 01.8	-0.5
EDI	Edinburgh	82.16 326	eP	AMB	22 34 03.0	0.0
MVH1	Achvaich	82.24 328	eP	P	22 34 02.2	-0.5
ECK	Cauldkaine Hill	82.30 325	eP	P	22 34 03.0	0.0
ESK	Esksdalemuir	82.30 325	eP	P	22 34 03.2	+0.1
ESK	Esksdalemuir	82.30 325	eP	AMB	22 34 03.8	0.0
ESK	Esksdalemuir	82.30 325	eP	P	22 34 03.9	+0.8
ESK	Esksdalemuir	82.30 325	eP	P	22 34 03.5	+0.5
TAM	Tamanrasset	82.37 292	eP	P	22 34 04.9	+0.6
TAM	Tamanrasset	82.37 292	eP	Pmax	22 34 04.9	+0.6
KESW	Keswick, Cumbr	82.40 324	eP	P	22 34 03.8	+0.2
KESW	Keswick, Cumbr	82.40 324	eP	AMB	22 34 05.2	0.0
MDO	Dochlou	82.45 327	eP	P	22 34 03.8	-0.1
EAB	Aberfoyle	82.73 326	eP	P	22 34 05.6	+0.3
HLM1	Long Mynd	82.73 322	eP	P	22 34 05.6	+0.2
HLM1	Long Mynd	82.73 322	eP	AMB	22 34 06.1	0.0
FOEL	Foel Wyifa	82.84 323	eP	P	22 34 06.0	0.0
FOEL	Foel Wyifa	82.84 323	eP	AMB	22 34 06.8	0.0
PGBU	Glenifferbraes	82.89 326	eP	P	22 34 06.6	+0.5
PGBU	Glenifferbraes	82.89 326	eP	AMB	22 34 07.2	0.0
MCH1	Michaelchurch	82.92 322	eP	P	22 34 06.0	-0.3
MCH1	Michaelchurch	82.92 322	eP	AMB	22 34 06.7	0.0
JOE	Queens East	82.94 319	eP	P	22 34 05.9	-0.6
JOE	Queens East	82.94 319	eP	P	22 34 06.1	-0.4
JLP	Lies Platons	82.97 319	eP	P	22 34 06.6	-0.1
KPL	Plocton	83.15 327	eP	P	22 34 06.9	-0.6
WPM1	Penmaenmawr	83.17 323	eP	P	22 34 07.5	-0.1
GAL1	Galloway	83.25 325	eP	P	22 34 07.8	-0.2
GAL1	Galloway	83.25 325	eP	AMB	22 34 09.3	0.0
YLL	Llanberis	83.35 323	eP	P	22 34 08.8	+0.3
WLF1	Llynfaes	83.45 323	eP	P	22 34 09.0	0.0
WLF1	Llynfaes	83.45 323	eP	AMB	22 34 10.0	0.0
YRE	Yr Eifi	83.54 323	eP	P	22 34 09.4	-0.1
MAW	Mawson	83.89 191	eP	P	22 34 11.8	+1.0
MAW	Mawson	83.89 191	eP	LR	22 34 09.3	0.0

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MAW	Mawson	83.89 191	eP	P	22 34 11.8	+1.0
MAW	Mawson	83.89 191	eP	Pmax	22 34 11.8	+1.0
MAW	Mawson	83.89 191	eP	P	22 34 11.8	+1.0
GMM	Mts of Mourne	84.10 324	eP	P	22 34 12.5	+0.1
ESDC	Sonseca Array	86.53 310	eP	P	22 34 24.8	-0.1
ESDC	Sonseca Array	86.53 310	eP	LR	22 34 24.8	-0.1
IM04	Indian Mountai	86.81 22	eP	P	22 34 26.3	+0.6
PAB	San Pablo	86.85 310	eP	Pmax	22 34 26.4	-0.2
PAB	San Pablo	86.85 310	eP	P	22 34 26.4	-0.2
PBRG	Braganca	88.00 312	eP	P	22 34 31.9	-0.1
PBRG	Braganca	88.00 312	eP	Pmax	22 34 31.9	-0.1
TOAO	Torodi Ar. Sit	88.02 283	eP	P	22 34 43.6	+1.4
TOAO	Torodi Ar. Sit	88.02 283	eP	PP	22 37 57.4	+0.2
TOAO	Torodi Ar. Bea	88.02 283	eP	PP	22 37 57.4	+0.2
TORD	Torodi Ar. Bea	88.02 283	eP	P	22 37 57.4	+0.2
TORD	Torodi Ar. Bea	88.02 283	eP	PP	22 37 57.4	+0.2
TORD	Torodi Ar. Bea	88.02 283	eP	LR	22 37 57.4	+0.2
TORD	Torodi Ar. Bea	88.02 283	eP	LR	22 37 11.0	0.0
SUMG	Summit	88.27 347	iP	P	22 34 32.9	-0.2
SUMG	Summit	88.27 347	iP	Pmax	22 34 32.9	-0.2
SUMG	Summit	88.27 347	iP	P	22 34 32.6	-0.5
SUMG	Summit	88.27 347	iP	Pmax	22 34 32.6	-0.5
MLY	Manley	88.38 22	eP	P	22 34 34.0	+0.7
MVO	Moncorvo	88.39 312	eP	P	22 34 34.3	+0.4
MVO	Moncorvo	88.39 312	eP	S	22 45 37.3	+2.0
MVO	Moncorvo	88.39 312	eP	LR	23 17 26.3	0.0
CAST	Castle Rocks	88.65 24	eP	P	22 34 35.5	+0.9
BPAW	Bear Paw Mtn.	88.75 23	eP	P	22 34 35.7	+0.7
PPLA	Punkle	88.85 25	eP	P	22 34 35.9	+0.2
PLOO	Lamas de Olo	88.88 312	eP	P	22 34 36.5	+0.3
POLO	Lamas de Olo	88.88 312	eP	P	22 34 46.6	+0.2
PCAB	Cabril	88.94 313	eP	P	22 34 37.2	+0.8
MTE	Manteigas	88.98 311	eP	P	22 34 37.5	+0.8
MTE	Manteigas	88.98 311	eP	P	22 34 42.5	+4.3
MTE	Manteigas	88.98 311	eP	SKIKP	22 43 15.2	+7.0
MTE	Manteigas	88.98 311	eP	SKIKP	23 17 39.4	0.0
MTE	Manteigas	88.98 311	eP	P	22 34 37.2	+0.6
PGAV	Gavireira, Arco	89.04 313	eP	P	22 34 37.4	+0.4
PGAV	Gavireira, Arco	89.04 313	eP	S	22 45 26.9	+3.3
PGAV	Gavireira, Arco	89.04 313	eP	LR	23 12 26.1	0.0
PCBR	Castelo Branco	89.09 311	eP	P	22 34 37.6	+0.5
PCBR	Castelo Branco	89.09 311	eP	P	22 34 37.6	+0.5
PCBR	Castelo Branco	89.09 311	eP	P	22 34 50.4	+3.1
PCBR	Castelo Branco	89.09 311	eP	P	22 34 38.1	+0.7
PMRV	Marv??o	89.15 310	eP	P	22 34 37.8	+0.4
PMRV	Marv??o	89.15 310	eP	P	22 34 48.4	+0.8
PMRV	Marv??o	89.15 310	eP	S	22 45 26.4	+1.9
PMRV	Marv??o	89.15 310	eP	S	22 34 38.3	+0.4
PMRV	Marv??o	89.15 310	eP	S	22 34 48.6	+0.5
PMRV	Marv??o	89.15 310	eP	S	22 45 34.1	+1.3
PMRV	Marv??o	89.15 310	eP	S	22 34 38.8	-0.1
PESTR	Estremoz	89.46 310	eP	S	22 45 29.4	+1.9
PESTR	Estremoz	89.46 310	eP	S	22 34 39.8	+0.7
PESTR	Estremoz	89.46 310	eP	S	22 34 39.4	+0.2
WRR	Wood River Hill	89.61 22	eP	P	22 34 40.1	+0.5
MCK	McKinley	89.71 23	eP	Pmax	22 34 40.1	+0.5
MCK	McKinley	89.71 23	eP	P	22 34 40.1	+0.5
MCK	McKinley	89.71 23	eP	P	22 34 40.2	+0.6
PCAS	Casimilo, Conde	89.78 311	eP	P	22 34 40.7	+0.3
PTOM	Tomar	89.85 311	eP	P	22 34 41.5	+0.8
PTOM	Tomar	89.85 311	eP	P	22 34 52.4	+1.5
EVO	Evora	89.88 310	eP	P	22 34 41.4	+0.6
RND	Reindeer	89.92 23	eP	P	22 34 40.7	+0.1
RND	Reindeer	89.92 23	eP	Pmax	22 34 40.7	

10d 1h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, ILAR Eielson Array, TORD Torodur Bea.

IGQ 09 22:47:58:1.4, 0.73S, 81°41'W, h5km, 18km, Mb4.1, 2C-3D, Error ellipse: s-maj=8.5km s-min=3.7km az=8.0, Off coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHIS Cerro-Chispas-Jama, MACU Magdalena, GOCY Golondrinas.

NNC 09 23:02:03.2:3.4, 43°26'N-82°24'E, h0km, mb3.6, mpv3.2, 7C-1D, Error ellipse: s-maj=37.1km s-min=13.6km az=150.0, Northern Xinjiang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PDGK Podgomoye, MK31 Makanchi Array, MK31 Warramunga Arr.

JMA 09 23:12:36.7:0.2, 31°86'N-141°03'E, h0km, M3.7, Error ellipse: s-maj=18.6km s-min=8.0km az=156.8

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HJJC Hachiojimakas, HJJC Mitsune, BS03 Boso 3.

KRSC 09 23:22:31.8:1.4, 52°37'N-160°38'E, h16km, 14km, ML3.6, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SPN Mys Shipunski, RUS Russkaya, RUS Petruspavllovsk.

ECX 09 23:55:47.4:0.3, 31°01'N-114°00'W, h8km, MD3.4, ML3.6, 2C-1D, Gulf of California

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ECBX El Chinerio, SPX San Pedro Mart.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SPIG San Pedro Mart, RDX Rancho Dawling, ZAX Zacaton.

ECNX Esteban Cantu 2.31 287 eP Pn 23 56 26.0 0.0 BAR Barrett 2.82 307 eP Pn 23 56 32.9 +0.1

ISCJB 10 00:19:43.9:0.5, 8°05'S:0°06'E, h74km, 4km, mb4.0/1.6, Error ellipse: s-maj=9.7km s-min=6.3km az=15.8

NEIC 10 00:19:44.9:0.7, 7°98'S:107°80'E, h71km, 6km, mb4.2/5, Error ellipse: s-maj=12.5km s-min=9.4km az=56.0

NEIC Felt [III] at Pangandaran and Tasikmalaya. DJA 10 00:19:45.0:0.5, 8°S:4°10'E, h18km, 4km, M4.7/18, MLV4.7/18

IDC 10 00:19:47.9:1.0, 7°70'S:108°05'E, h91km, 8km, mb3.8/13, mb1.3/9.13, mb1mx3.8/23, mbtmp4.1/13, MS3.0/1, Ms1.3/0.1, ms1mx2.6/28, Error ellipse: s-maj=31.8km s-min=13.2km az=52.0

ISC 10 00:19:44.1:0.9, 8°06'S:0°05'E, h60km, 7km, n51, r1564/45, mb4.1/16, Jawa

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CISI Cisompert, CMJI Cimerak, CNJI Cibinong, LEM Lembang.

ASAR Alice Springs 59.16 340 P 0 29 36.2 -2.5 ZALV Zalesovo Beam 6.47 305 P 0 30 15.0 -1.1

GEYT Alibeck 65.11 318 P 0 30 18.4 -0.4 ABKAR Akbulak Array 70.75 329 P 0 30 52.7 -1.2

VNDA Vanda 74.78 169 P 0 31 19.6 +2.2 VNDA Vanda 74.78 169 eP P 0 31 19.5 +2.2

KBZ Khabaz 78.00 318 P 0 31 36.0 -0.1 BOSA Boshof 79.71 242 P 0 31 48.1 +2.0

BRTR Keshin Array B 83.16 312 P 0 32 04.0 -0.1 FINES FINES Array B 93.10 332 P 0 32 57.6 -1.5

ARCES ARCES Array B 94.92 340 P 0 32 57.6 -1.5 TXAR Tinian Array 143.61 50 PKP PKPbc 0 39 11.2 +0.6

JCT Juchit City 145.84 54 PKP Pdf 0 39 16.7 -0.1 MIAR Mount Ida 147.09 34 ePKP Pdf 0 39 18.1 -0.7

IDC 10 00:27:13.8:1.3, 2.1°00'S:177°43'W, h0km, mb4.2/3, mb1.4/4.3, mb1mx3.8/22, mbtmp4.2/3, Error ellipse: s-maj=59.2km s-min=33.3km az=157.0, Fiji Islands region

STKA Stephens Creek 38° 245 P 0 30 35.4 +1.1 ASAR Alice Springs 44.92 257 P 0 35 30.4 -0.4

WRA Warramunga Arr 45.06 282 P 0 35 31.3 -0.6 ARCES ARCES Array B 129.50 360 PKP PKPbc 0 46 24.7 +0.7

BRTR Keshin Array B 147.56 312 PKPbc 0 46 58.4 +0.5 GERES GERES Array B 150.82 345 PKPbc 0 47 08.8 +0.4

TORD Torodi Ar. Bea 172.15 174 PKPab 0 48 47.8 -0.9 ISCJB 10 00:51:09.7:0.5, 36°87'N:0°03'121°67'W, h12km, 3km, mb4.2/1, Error ellipse: s-maj=6.9km s-min=2.5km az=141

NEIC 10 00:51:10.8, 36°91'N:121°64'W, h6km, mb4.3/1, MW3.8(BR), After NCEDC. NEIC Felt [IV] at Aramos; [III] at Castroville, Gilroy, Los Altos, San Francisco, San Jose, San Juan Bautista and Watsonville; [II] in the Monterey Bay area and throughout the San Francisco Peninsula. Felt in parts of the East Bay Area and as far Fresno and Paso Robles.

ISC 10 00:51:10.6:1.1, 36°90'N:0°03'121°65'W, h10km, 8km, n81, r1398/95, Central California

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAO San Andreas Ge, SMC Mount Hamilton, LRV Little Rabbit.

BDM Black Diamond 1.06 351 eP Pn 01 39.1 -0.9 BKS Berkeley-Byer 1.08 335 eP Pn 01 31.1 -0.3

MCCM Marconi Confer 1.58 322 eP Pn 01 51 37.2 -1.5 PTRM Twissleman Ran 1.70 137 eP Pn 01 51 38.7 -1.8

CRGC Crocker Grade 2.28 136 eP Pn 01 51 47.3 -1.2 VES Vestal, Richgr 2.33 116 P Pn 01 51 48.1 -0.9

MLAC Mammoth Lakes 2.36 71 P Pn 01 51 51.4 +1.7 HOPS Hopland 2.37 332 eP Pn 01 51 47.0 -2.7

WAKR Walker 2.37 47 eP Pn 01 51 19.6 +1.7 OHCM Honcut 2.43 3 eP Pn 01 52 19.5 +0.3

PKM Peak Mountain 2.50 143 P Pn 01 51 50.8 -0.7 FIGC Figueroa Mtn. 2.56 148 eP Pn 01 51 52.1 -1.1

WOFM Oak Flat 2.74 119 eP Pn 01 51 53.7 -1.1 TIN Laguna Peak 2.75 86 P Pn 01 51 56.4 +1.5

ISA Isabella 2.85 115 P Pn 01 51 56.1 -0.2 ISA Isabella 2.85 115 S Pn 01 52 32.2 +1.5

ARVC Arvin 2.89 127 P Pn 01 51 56.4 -0.4 CWC Cottonwood Cre 2.91 98 P Pn 01 51 58.0 +0.8

SBC Santa Barbara 2.92 147 P Pn 01 51 57.0 -3.2 KCPM Oak Peak 3.17 332 eP Pn 01 52 00.3 -0.4

KIPM Iron Peak 3.24 334 eP Pn 01 52 01.4 -0.3 DAC Darwin (Calif) 3.32 100 eP Pn 01 52 01.5 -1.4

DAC Darwin (Calif) 3.32 100 eP Pn 01 52 01.5 -1.4 BRAC Santa Cruz Isl 3.34 150 P Pn 01 52 01.6 -1.4

GSC Grapevine Rang 3.43 87 P Pn 01 52 05.4 +1.2 MPMC Manual Prospec 3.46 103 P Pn 01 52 05.6 +0.8

BLG Laguna Peak 3.50 142 P Pn 01 52 04.2 -0.9 EDW2 Edwards Air Fo 3.59 123 P Pn 01 52 06.5 0.0

BLLC Black Canyon 3.60 137 eP Pn 01 52 16.6 +2.2 BLLC Black Canyon 3.60 137 eP Pn 01 52 16.6 +2.2

KMRM Mill Ridge 3.69 335 eP Pn 01 52 09.5 +1.7 TPD Tonopah 3.71 70 eP Pn 01 52 15.7 -0.8

WPH Whiskeytown Da 3.74 350 eP Pn 01 52 09.4 +1.0 FURC Furnace Creek, 3.86 95 P Pn 01 52 11.1 +0.8

PASC Pasadena Art C 3.92 133 eP Pn 01 52 11.6 +0.6 MWC Mount Wilson 3.96 313 eP Pn 01 52 11.3 -0.4

N02D Trinity Center 4.15 349 P Pn 01 52 15.8 +1.7 BFSC Mount Baldy Ra 4.20 128 P Pn 01 52 14.8 -0.1

GSC Goldstone 4.24 111 P Pn 01 52 15.0 -0.4 GSC Goldstone 4.24 111 eP Pn 01 52 15.1 -0.2

KHMM Horse Mountain 4.23 388 eP Pn 01 52 19.0 +2.9 TPNV Topopah Spring 4.29 38 P Pn 01 52 17.5 -0.8

TPNV Topopah Spring 4.33 88 eP Pn 01 52 18.3 +1.6 SHOC Shoshone 4.45 101 P Pn 01 52 18.7 +0.5

M02C Callahan 4.58 349 P Pn 01 52 22.8 +2.8 SCI San Clemente I 4.67 146 P Pn 01 52 20.7 -0.6

HEC Hector Ludlow 4.79 114 P Pn 01 52 22.4 -0.6 TUQ Turquoise Mountain 4.86 106 P Pn 01 52 24.0 0.0

M04C Macdoel 4.88 358 P Pn 01 52 25.2 +1.0 YBH Yreka Blue Hor 4.89 351 eP Pn 01 52 27.1 +2.7

MURC Murrieta 4.91 131 P Pn 01 52 26.4 +1.8 R11A Troy Canyon, C 5.03 71 eP Pn 01 52 29.3 +3.0

R11A Troy Canyon, C 5.03 71 eP Pn 01 52 29.3 +3.0 MOD Modoc 5.10 11 eP Pn 01 52 26.2 -1.1

SHRP Sheep Range 5.23 92 eP Pn 01 52 32.0 +2.9 DUNN Ranch, Anz 5.29 128 eP Pn 01 52 29.2 -0.7

GMRC Granite Mounta 5.31 112 P Pn 01 52 29.0 -1.1 PFO Pinyon Flat Ob 5.32 126 P Pn 01 52 31.0 -0.1

PFO Pinyon Flat Ob 5.32 126 P Pn 01 52 31.0 -0.1 PFO Pinyon Flat Ob 5.32 126 P Pn 01 52 31.0 -0.1

BELE Belle Mtn. Jos 5.45 120 P Pn 01 52 32.4 +1.4 BOSLEY Bosley Butte 5.66 340 eP Pn 01 52 36.4 +1.4

HUMO Hull Mountain 5.79 350 eP Pn 01 52 39.0 +2.5 K05A Kuma 5.84 5 eP Pn 01 52 36.5 +1.3

MUNP Monument Peak 5.87 313 P Pn 01 52 37.8 -0.2 BAR Barrett 5.88 134 eP Pn 01 52 38.8 +1.0

IRM Iron Mountain 5.96 115 P Pn 01 52 38.6 -0.5 BC3 Big Chuckawall 6.01 121 P Pn 01 52 39.1 -0.7

ELK Elko 6.31 51 eP Pn 01 52 42.4 -1.5 ELK Elko 6.31 51 eP Pn 01 52 42.4 -1.5

Y12C Blythe 6.62 116 P Pn 01 52 48.3 +0.2 CCUT Cedar City 6.64 82 eP Pn 01 52 53.5 +4.9

CCUT Cedar City 6.64 82 eP Pn 01 52 53.5 +4.9 KNB Kanab 7.07 86 eP Pn 01 53 02.2 +7.8

WUAZ Marysville 7.68 75 eP Pn 01 53 08.9 +6.1 WUAZ Marysville 7.68 75 eP Pn 01 53 08.9 +6.1

WUAZ Wupatki 8.42 96 eP Pn 01 53 13.1 +0.2 SRU San Rafael 9.05 73 eP Pn 01 53 22.6 +1.0

MIAR Mount Ida 22.89 87 eP Pn 01 56 16.5 +2.0 DJA 10 01:01:28.4:1.3, 1°N:5°127°E, h10km, M3.6/3, MLV3.6/3, Northern Molucca Sea

TNTI Ternate 0.96 135 P Pn 01 01 49.0 -2.0 TNTI Ternate 0.96 135 P Pn 01 01 49.0 -2.0

LBMI Labuha 2.24 159 P Pn 01 02 06.1 +0.6 LBMI Labuha 2.24 159 S Pn 01 02 06.1 +0.6

ISCJB 10 01:22:20.4:0.6, 9°54'S:0°05'108°60'E:0°04' h27km, mb3.9/8, Error ellipse: s-maj=5.0km s-min=5.4km az=28.2

DJA 10 01:22:20.6:0.4, 9°S:4°10'E, h10km, M4.2/18, mb4.5/2, MLV4.2/18

AUST 10 01:22:21.3:0.0, 9°72'S:108°58'E, h49km, Error ellipse: s-maj=2.6km s-min=0.9km az=329.0

IDC 10 01:22:23.7:1.1, 9°33'S:108°70'E, h35km, 4km, mb3.8/8, mb1.3/8.8, mb1mx3.6/23, mbtmp4.0/8, Error ellipse: s-maj=57.6km s-min=12.8km az=49.0

ISC 10 01:22:23.1:0.7, 9°45'S:0°06'108°61'E:0°05' h27km, n33,

10d 2h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like S22A, J28A, MORC, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like V32A, X31A, Z30A, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ELK, R11A, R11A, etc.

10C 10 02:51:53.1±1.2, 1.03Sx120.39E, h0km, mb3.3/4, mb1 3.5/5, mb1mx3.4/24, mbtmp3.4/5, ML3.5/1, MS2.9/1, Ms1 2.9/1, ms1mx2.5/20, Error ellipse: s-maj=59.6km s-min=19.5km az=73.0.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, H, m, s, Res, ISC. Includes stations like PCI, PCI, APMSI, etc.

NIED 10 02:59:00, 44.30N, 146.20E, h160km, Mw4.1 Best double couple: M1.710000°, 19.1N, 161.3E, 241.00000°, 843.00000°, 1.96.00000°. NP2:φ=53.00000°, 847.00000°, 1.85.00000°.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, H, m, s, Res, ISC. Includes stations like YUK, YUK, WDC, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like Ashorobuto, Maruseppu, Onbets, Horoka, Kamakawa 2, Asahikawa, Soyas, Churui, Furan, Keihoku, Erimo, Urakawa-nobuka, Hokuryu, Yuzh-Sakhalins, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, Phase ID, Time, Res, and other parameters. Includes stations like ellipse: s-maj=40.1km, WARRAMUNGA ARR, ALICE SPRINGS, TORODI ARR, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like Pinedale Array, Torodi Arr, Sangihe, Ternate, Ampana, Luwuk, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like Pinedale Array, Torodi Arr, Sangihe, Ternate, Ampana, Luwuk, etc.

540A	Vidor	48.48	335	P	P	05	01	17.0	+2.1
835A	Beeville	48.55	330	P	P	05	01	17.0	+1.5
539A	Cross D Ranch,	48.70	335	P	P	05	01	18.3	+1.7
933A	Laredo	48.71	328	P	P	05	01	17.4	+0.7
JSC	Jenkinsville	48.72	351	eP	P	05	01	16.9	+0.3
LRAL	Lakeview Retre	48.73	344	eP	P	05	01	16.6	-0.1
736A	Circle Diamond	48.75	331	P	P	05	01	18.5	+1.5
834A	Tilden	48.77	329	P	P	05	01	18.2	+1.1
637A	Eagle Lake	48.82	332	P	P	05	01	18.8	+1.3
440A	Kirbyville	48.95	336	P	P	05	01	19.7	+1.3
735A	Kenedy	49.01	331	P	P	05	01	19.8	+0.8
VBMS	Vicksburg	49.02	340	P	P	05	01	20.4	+1.5
538A	Harpers Horsep	49.13	334	P	P	05	01	21.5	+1.6
636A	Smothers Creek	49.19	332	P	P	05	01	21.5	+1.2
CNNC	Cliffs of the	49.24	355	eP	P	05	01	20.4	-0.2
439A	Center Grove,	49.32	335	P	P	05	01	22.6	+1.4
833A	Chapparral WMA,	49.35	329	P	P	05	01	21.8	+0.2
537A	Green Hill Fair	49.36	333	P	P	05	01	22.7	+1.1
734A	La Parita Cree	49.37	330	P	P	05	01	22.1	+0.4
635A	Leesville	49.44	331	P	P	05	01	22.5	+0.2
340A	Bronson	49.52	336	P	P	05	01	23.5	+0.8
KMSC	Kings Mountain	49.57	351	P	P	05	01	23.4	+0.3
438A	Sam Houston St	49.58	334	P	P	05	01	24.7	+1.4
832A	Faith Ranch, C	49.61	328	P	P	05	01	23.8	+0.2
733A	Divot King Ran	49.62	329	P	P	05	01	23.9	+0.2
536A	Bastrop	49.70	332	P	P	05	01	24.7	+0.6
339A	Huntington	49.71	335	P	P	05	01	25.1	+0.8
634A	China Grove, S	49.71	330	P	P	05	01	24.9	+0.6
535A	Dale	49.89	332	P	P	05	01	26.1	+0.5
437A	Phantom Ranch,	49.93	334	P	P	05	01	26.7	+0.8
732A	Laxson Ranch,	49.97	328	P	P	05	01	26.5	+0.2
338A	Crockett	50.04	335	P	P	05	01	27.7	+1.0
NATX	Nacogdoches	50.12	336	P	P	05	01	28.4	+1.0
436A	Wall Ranch, Ga	50.17	333	P	P	05	01	28.3	+0.6
633A	Saathoff Ranch	50.17	330	P	P	05	01	28.5	+0.6
337A	Centerville	50.24	334	P	P	05	01	29.9	+1.6
239A	Gary	50.28	336	P	P	05	01	29.6	+1.1
534A	Blanco	50.31	331	P	P	05	01	28.7	-0.1
TKL	Tuckaleechee C	50.50	348	eP	P	05	01	28.9	-1.2
632A	Uvalde	50.51	329	P	P	05	01	31.0	+0.6
238A	Jacksonville	50.52	335	P	P	05	01	31.5	+1.1
435B	Jarrell	50.53	332	P	P	05	01	30.8	+0.3
533A	Kerrville	50.61	330	P	P	05	01	31.1	-0.1
336A	Riesel	50.72	333	P	P	05	01	32.3	+0.5
OXF	Oxford	50.79	342	eP	P	05	01	31.9	-0.4
237A	Washetta, Mont	50.80	335	P	P	05	01	33.7	+1.2
139A	Bunkhouse Ranc	50.83	336	P	P	05	01	33.6	+0.9
631A	Perdido Creek	50.83	328	P	P	05	01	32.7	-0.1
434A	Burnet	50.87	332	P	P	05	01	32.9	-0.2
335A	Moody	50.88	333	P	P	05	01	33.3	+0.2
532A	Rocksprings	51.08	330	P	P	05	01	35.0	+0.3
138A	Matatal Enter	51.09	336	P	P	05	01	35.6	+1.0
236A	Katherine and	51.11	334	P	P	05	01	35.4	+0.6
433A	Art	51.20	331	P	P	05	01	35.4	-0.1
Z39A	Irene McRaven,	51.25	337	P	P	05	01	37.0	+1.2
334A	Lometa	51.29	332	P	P	05	01	36.1	-0.1
137A	Heron Place, G	51.30	335	P	P	05	01	37.5	+1.3
JCT	Junction City	51.32	330	P	P	05	01	36.5	+0.1
JCT	Junction City	51.32	330	eP	P	05	01	36.6	+0.1
JCT	531A	51.43	329	eP	P	05	02	48.2	-2.1
531A	Rocksprings	51.43	329	eP	P	05	01	37.7	+0.4
WHTX	Lake Whitney	51.50	333	P	P	05	01	38.1	+0.4
WHTX	Lake Whitney	51.50	333	eP	P	05	01	38.1	+0.4
136A	Ennis	51.52	334	P	P	05	01	38.1	+0.2
Z38A	Mt. Pleasant	51.56	336	P	P	05	01	39.2	+1.0
333A	Richland Sprin	51.63	331	P	P	05	01	38.5	-0.3
432A	Menard	51.64	330	P	P	05	01	39.1	+0.2
Z37A	Pogue Cattle C	51.77	336	P	P	05	01	40.3	+0.6
234A	Clairette	51.81	332	P	P	05	01	40.3	+0.2
530A	J-C Ranch, Com	51.82	328	P	P	05	01	40.5	+0.3
Y39A	Lockesburg	51.84	337	P	P	05	01	40.5	+0.3
431A	Sonora	51.88	329	P	P	05	01	40.8	+0.1
135A	Vickery Place,	51.96	333	P	P	05	01	41.4	+0.2
332A	Millersview	52.04	331	P	P	05	01	41.9	+0.1
Y38A	Idabel	52.07	337	P	P	05	01	41.8	-0.1
Z36A	Blue Ridge	52.17	335	P	P	05	01	43.4	+0.7
MIAR	Mount Ida	52.19	338	P	P	05	01	42.7	0.0
MIAR	Mount Ida	52.19	338	eP	P	05	01	42.8	0.0
529A	Stev Forest Ra	52.25	327	P	P	05	01	43.8	+0.3
134A	White-Moore Ra	52.27	333	P	P	05	01	43.8	+0.3
430A	Baggett Ranch,	52.28	329	P	P	05	01	43.8	+0.1
331A	San Angelo	52.30	330	P	P	05	01	43.9	+0.1
TXAR	Lajitas Array	52.41	326	P	P	05	01	44.5	-0.1
Z32A	Coleman	52.41	331	P	P	05	01	44.6	+0.1
Y37A	Hugo	52.46	336	P	P	05	01	46.1	+1.3

429A	Davenport Ranc	52.48	328	P	P	05	01	45.5	+0.4
Z35A	Perchaven, San	52.56	334	P	P	05	01	46.4	+0.8
133A	Hamilton Ranch	52.67	332	P	P	05	01	46.7	+0.2
330A	Mertzton	52.75	329	P	P	05	01	46.9	-0.3
X38A	Whitesboro	52.76	337	P	P	05	01	47.6	+0.6
Z31A	Bronte	52.77	330	P	P	05	01	47.0	-0.2
Z34A	Collie Ranch,	52.88	334	P	P	05	01	48.2	+0.2
X37A	Clayton	52.90	337	P	P	05	01	48.6	+0.5
PARMO	Y35A	52.90	343	eP	P	05	01	48.0	0.0
Y35A	Marietta	52.97	335	P	P	05	01	49.3	+0.7
W38A	Poteau	53.00	338	P	P	05	01	49.5	+0.7
ABTX	Abilene, Hawle	53.02	332	P	P	05	01	49.4	+0.3
ABTX	Abilene, Hawle	53.02	332	eP	P	05	01	49.4	+0.3
Z30A	Sterling City	53.11	330	P	P	05	01	49.6	-0.2
Z33A	Whitaker Ranch	53.18	333	P	P	05	01	50.5	+0.3
PBMO	Poplar Bluff	53.20	342	eP	P	05	01	49.5	-0.7
PBMO	329A	53.22	329	eP	P	05	02	55.2	-1.9
X36A	Centrahoma	53.27	336	P	P	05	01	50.7	0.0
Y34A	Reagan Ranch,	53.31	334	P	P	05	01	51.5	+0.4
X35A	Drake	53.37	335	P	P	05	01	51.3	-0.2
W37A	Quinton	53.40	337	P	P	05	01	52.1	+0.4
131A	Roby	53.41	331	P	P	05	01	52.1	+0.2
Z32A	Hasckell	53.52	332	P	P	05	01	52.8	+0.2
Z29A	Bryant Ranch,	53.52	329	P	P	05	01	52.4	-0.4
USIN	University of	53.57	345	eP	P	05	01	51.9	-1.0
USIN	130A	53.62	330	P	P	05	02	14.8	+0.4
V38A	Snyder	53.62	330	P	P	05	01	53.5	0.0
V38A	Canebill	53.67	338	P	P	05	01	53.6	-0.1
W36A	Wetumka	53.71	336	P	P	05	01	53.6	-0.4
Y33A	Hilltop Ranch,	53.73	333	P	P	05	01	54.4	+0.2
SIUC	Southern Illin	53.73	344	eP	P	05	01	53.6	-0.5
SIUC	Z31A	53.83	332	eP	P	05	02	15.8	+0.2
Z31A	Sharp Cattle R	53.83	332	P	P	05	01	55.4	+0.4
X34A	Smith Ranch, M	53.90	334	P	P	05	01	55.9	+0.5
V37A	Hulbert	53.95	338	P	P	05	01	55.9	+0.1
W35A	Tecumseh	53.98	336	P	P	05	01	55.4	-0.6
Z28A	UT Pack 9, Go	54.03	329	P	P	05	01	56.3	-0.3
Y32A	R-V Farms, Ver	54.09	333	P	P	05	01	57.1	+0.3
I29A	Stewart Farms,	54.09	330	P	P	05	01	57.1	+0.2
X33A	Lawton	54.13	334	P	P	05	01	56.8	-0.3
V36A	Jenks	54.17	337	P	P	05	01	57.3	0.0
U38A	Gravette	54.18	339	P	P	05	01	57.0	-0.3
TUL1	Tulsa	54.22	337	P	P	05	01	57.7	0.0
TUL1	Tulsa	54.22	337	eP	P	05	01	57.8	+0.1
TUL1	Z30A	54.27	331	eP	P	05	03	00.0	-1.1
Z30A	Sanderson Ranc	54.27	331	eP	P	05	01	58.3	+0.1
128A	Castleberry Fa	54.39	329	P	P	05	01	59.1	0.0
OLIL	Olney	54.41	345	eP	P	05	01	58.0	-1.0
OLIL	Canehill	54.41	345	eP	P	05	02	20.6	+0.1
U37A	Salina	54.41	338	P	P	05	01	57.4	-4.3
WMOK	Wichita Mounta	54.42	334	eP	P	05	01	58.6	-0.5
WMOK	W34A	54.42	335	eP	P	05	03	02.4	+0.5
W34A	Bridge Creek,	54.42	335	P	P	05	01	58.8	-0.3
Y31A	Rekleta Farm,	54.42	332	P	P	05	01	59.7	+0.5
BLO	Bloomington	54.46	347	eP	P	05	01	58.2	-1.1
BLO	BLO	54.46	347	eP	P	05	03	02.2	+0.3
V35A	Meyer Ranch, C	54.50	336	P	P	05	01	59.2	-0.5
Z29A	Hurry Hill Ra	54.52	330	P	P	05	01	59.7	-0.4
SSPA	Standing Stone	54.59	355	eP	P	05	02	00.8	+0.5
SSPA	U36A	54.63	337	eP	P	05	02	00.6	0.0
W33A	Caddo, Fort Co	54.64	334	P	P	05	02	01.3	+0.6
Y30A	Stafford Cattl	54.64	331	P	P	05	02	00.7	-0.2
ACSO	Alum Creek Sta	54.81	350	eP	P	05	02	00.8	-1.0
ACSO	ACSO	54.81	350	eP	P	05	03	22.4	-1.1
ACSO	ACSO	54.81	350	eP	P	05	02	02.2	-1.0
V34A	Guthrie	54.83	335	P	P	05	02	01.9	-0.3
V34A	Guthrie	54.83	335	eP	P	05			

O32A	Brookman Farm, baz=59	58.98	337	P	P	05	02	31.3	-0.1
P30A	Selden	59.12	335	P	P	05	02	32.5	0.0
M35A	Neola	59.13	340	P	P	05	02	32.5	0.0
R27A	Eads	59.15	333	P	P	05	02	32.6	-0.1
O31A	Woolen Ranch, baz=60	59.28	337	P	P	05	02	33.3	-0.1
Q28A	Sharon Springs	59.37	334	P	P	05	02	34.0	-0.2
N32A	Stulken Farm, baz=60	59.42	338	P	P	05	02	33.8	-0.7
P29A	Atwood	59.45	335	P	P	05	02	34.8	+0.1
R26A	Arlington	59.45	332	P	P	05	02	34.9	0.0
M34A	Aspy Farms, Fr baz=60	59.47	339	P	P	05	02	33.8	-0.9
O30A	MW Ranch, Wils baz=60	59.59	336	P	P	05	02	35.7	0.0
214A	Organ Pipe Nat baz=60,SNR=26	59.66	321	P	P	05	02	37.1	+0.8
L35A	Bielow Farm, R baz=60	59.67	341	P	P	05	02	35.6	-0.4
KSCO	Kaye Shedlock, baz=60,SNR=8.7	59.67	333	P	P	05	02	36.4	+0.1
KSCO	Kaye Shedlock, 41nm,1.1s	59.67	333	eP	P	05	02	36.6	+0.3
N31A	Bailey Ranch, baz=60	59.72	337	P	P	05	02	36.6	+0.1
M33A	Taylor Creek F baz=60	59.74	339	P	P	05	02	35.9	-0.7
P28A	Saint Francis	59.77	334	P	P	05	02	36.9	0.0
L34A	Ovendsen Farm, baz=60,SNR=5.3	59.81	340	P	P	05	02	37.1	-0.9
O29A	4D Ranch, Culb baz=60,SNR=6.6	59.84	335	P	P	05	02	36.6	+0.3
BGNE	Belgrade	59.93	338	P	P	05	02	37.6	-0.3
BGNE	Belgrade 56nm,0.8s	59.93	338	eP	P	05	02	37.8	-0.1
BGNE						05	02	38.8	-1.0
SDCO	Great Sand Dun baz=60,SNR=8.7	59.96	330	eP	P	05	02	39.2	+0.7
SDCO	Great Sand Dun 33nm,0.9s	59.96	330	eP	P	05	02	39.0	+0.5
Q26A	Hugo	59.99	333	P	P	05	02	38.9	+0.3
P27A	Ficken Ranch, baz=60	60.10	334	P	P	05	02	40.0	+0.8
K35A	Storm Lake	60.12	341	P	P	05	02	38.6	-0.5
W18A	Petrified Fore baz=60,SNR=10	60.13	325	P	P	05	02	40.4	+0.8
W18A	Petrified Fore 65nm,1.4s	60.13	325	eP	P	05	02	40.6	+1.0
N30A	Hueftle Ranch, baz=60	60.13	336	P	P	05	02	39.7	+0.3
M31A	Lambrecht Ranc baz=60	60.18	337	P	P	05	02	39.7	+0.1
O28A	Krutsinger Ran baz=60	60.24	335	P	P	05	02	40.7	+0.6
L33A	Hoskins	60.29	339	P	P	05	02	40.0	-0.4
N29A	Votaw Ranch, W baz=61	60.36	336	P	P	05	02	41.2	+0.3
K34A	Le Mars	60.36	340	P	P	05	02	40.2	-0.7
L32A	Elgin	60.41	339	P	P	05	02	40.7	-0.4
P26A	Davis Ranch, A baz=61	60.44	333	P	P	05	02	42.0	+0.4
O27A	Beecher Island baz=61,SNR=15	60.59	334	P	P	05	02	43.2	+0.6
K33A	Hardington	60.59	340	P	P	05	02	42.2	-0.2
S22A	4UR Ranch, Cre baz=61,SNR=25	60.61	329	P	P	05	02	43.5	+0.5
S22A	4UR Ranch, Cre 13nm,0.8s	60.61	329	eP	P	05	02	43.4	+0.4
N28A	Pribbeno Ranch, baz=61	60.61	335	P	P	05	02	43.1	+0.4
M30A	Dale-Ortello V baz=61	60.68	337	P	P	05	02	43.0	-0.1
J35A	Milford	60.69	341	P	P	05	02	42.3	-0.8
Q24A	Divide	60.77	331	P	P	05	02	44.3	+0.3
J34A	George	60.85	341	P	P	05	02	43.5	-0.6
L31A	Butterfield Fa baz=61,SNR=16	60.85	338	P	P	05	02	44.3	+0.1
M29A	Burnside Ranch baz=61	60.92	336	P	P	05	02	45.2	+0.5
K32A	Verdigre	60.97	339	P	P	05	02	44.3	-0.6
L30A	Spencer Herefo baz=61	60.98	337	P	P	05	02	45.5	+0.4
O26A	Horse Wrangler baz=61	60.99	334	P	P	05	02	45.6	+0.4
OGNE	Ogallala	61.03	335	P	P	05	02	45.8	+0.3
OGNE	Ogallala	61.03	335	eP	P	05	02	46.2	+0.7
MVCO	Mesa Verde	61.04	328	P	P	05	02	46.2	+0.4
MVCO	Mesa Verde 58nm,1.5s	61.04	328	eP	P	05	02	46.3	+0.4
N27A	Anderson Farm, baz=61	61.12	335	P	P	05	02	46.4	+0.3
J33A	Davis	61.21	340	P	P	05	02	45.7	-0.9
WUAZ	Wupatki	61.33	325	P	P	05	02	48.8	+1.0
WUAZ	Wupatki 35nm,0.9s	61.33	325	eP	P	05	02	48.8	+1.0
N26A	Koester Ranch, baz=62	61.43	334	P	P	05	02	49.1	+0.9
ECSD	EROS Data Cent baz=62,SNR=16	61.47	341	P	P	05	02	47.6	-0.7
ECSD	EROS Data Cent 23nm,1.3s	61.47	341	eP	P	05	02	48.1	-0.2
ECSD						05	03	10.0	-0.2
I34A	Hadley	61.50	341	eP	P	05	02	47.9	-0.7
J32A	Parkston	61.55	339	P	P	05	02	48.2	-0.7
K30A	Basset	61.57	338	P	P	05	02	49.3	+0.2
COWI	Conover	61.64	347	eP	P	05	02	48.2	-1.2
ISCO	Idaho Springs	61.65	332	P	P	05	02	50.5	+0.5
ISCO	Idaho Springs 18nm,1.1s	61.65	332	eP	P	05	02	50.4	+0.5
GLA	Glamis	61.66	320	P	P	05	02	50.6	+0.8
GLA	Glamis 23nm,0.3s	61.66	320	eP	P	05	02	50.1	+0.2
M27A	Reverse DX Ran baz=62	61.67	335	P	P	05	02	50.6	+0.8
SPMN	St. Paul	61.70	344	P	P	05	02	49.2	-0.7
SPMN	St. Paul	61.70	344	eP	P	05	02	49.0	-0.8
SPMN	St. Paul	61.72	336	eP	P	05	03	10.6	-1.2
L28A	Connealy Angus baz=62	61.72	336	eP	P	05	02	50.6	+0.4
PV01	Paradox Valley	61.78	328	eP	P	05	02	51.5	+0.7
J31A	Geddes	61.79	339	P	P	05	02	49.7	-0.8
SMCO	Snowmass	61.80	330	eP	P	05	02	51.8	+0.7
SMCO						05	03	29.8	-1.7
K29A	Lazy Trails An baz=62	61.91	337	eP	P	05	02	51.6	+0.3
M26A	McRoberts Ranc baz=62	61.93	335	P	P	05	02	52.1	+0.5
Y12C	Blythe	61.94	321	P	P	05	02	52.6	+0.9
I32A	Karley and Nic baz=62	62.01	340	P	P	05	02	51.5	-0.5
PV05	Paradox Valley	62.01	328	eP	P	05	02	52.5	+0.2
H34A	Spellman Lake, baz=62,SNR=6.7	62.04	342	eP	P	05	02	51.6	-0.5
PDMCI	Parker Dam,Lak baz=62	62.08	322	P	P	05	02	53.4	+0.8
J30A	Dallas	62.09	338	P	P	05	02	52.1	-0.4

PV04	Paradox Valley	62.15	328	eP	P	05	02	53.0	-0.2
SWSC	Sam W. Stewart	62.19	320	eP	P	05	02	57.1	+3.8
PV10	Paradox Valley	62.20	328	eP	P	05	02	53.9	+0.2
K28A	Ten Mile Ranch baz=62	62.26	337	P	P	05	02	54.4	+0.6
M25A	Palm-Eglin Farm baz=62	62.29	334	P	P	05	02	54.2	+0.2
PV09	Paradox Valley	62.34	328	eP	P	05	02	54.9	+0.2
H33A	Prehn Over Nor baz=61,SNR=8.1	62.36	341	P	P	05	02	54.0	-0.3
I31A	Royce, Wessing baz=63	62.37	339	P	P	05	02	54.1	-0.3
L26A	Underwood Farm baz=63	62.38	335	P	P	05	02	55.0	+0.4
H32A	Carlson Farm, baz=63	62.42	340	P	P	05	02	54.4	-0.3
BC3	Big Chuckawall baz=63	62.45	320	P	P	05	02	55.9	+0.7
J29A	Okreek	62.46	338	P	P	05	02	55.0	0.0
MONP	Monument Peak baz=63	62.55	319	P	P	05	02	56.7	+0.7
BAR	Barrett	62.57	319	eP	P	05	02	56.3	+0.4
I30A	Oacoma	62.58	339	P	P	05	02	57.1	+1.3
K27A	Fluckinger Fa baz=63,SNR=7.9	62.59	336	P	P	05	02	56.5	+0.5
IRM	Iron Mountain baz=63,SNR=8.5	62.60	321	P	P	05	02	56.9	+0.8
N23A	Red Feather La baz=63,SNR=7.0	62.68	332	P	P	05	02	57.2	+0.5
N23A	Red Feather La 29nm,1.6s	62.68	332	eP	P	05	02	57.3	+0.5
NEE2	Needles Airpor baz=63	62.69	322	P	P	05	02	57.3	+0.6
PHWY	Pilot Hill	62.79	333	eP	P	05	02	57.8	+0.2
J28A	Allard Ranch, baz=63,SNR=5.3	62.82	337	P	P	05	02	57.8	+0.4
L25A	Chapretsen Ra baz=63	62.84	334	P	P	05	02	58.2	+0.6
J27A	Elkhorn Farm, baz=63,SNR=8.7	62.97	336	P	P	05	02	59.2	+0.8
K26A	Motz Farm, Whi baz=63	62.97	335	P	P	05	02	58.9	+0.4
109C	Camp Elliot, M baz=63	62.98	319	P	P	05	02	59.4	+0.8
I29A	Vivian Onida	62.99	338	P	P	05	02	57.8	-0.7
BELC	Belle Mtn. Jos baz=63	63.02	320	P	P	05	03	00.1	+1.0
PFO	Pinyon Flat Ob baz=63	63.04	320	P	P	05	03	00.1	+0.9
PFO	Pinyon Flat Ob 53nm,0.4s	63.04	320	eP	P	05	03	00.1	+0.9
O20A	White River Ci baz=63	63.16	330	P	P	05	03	00.5	+0.6
O20A	White River Ci 61.36	63.16	330	eP	P	05	03	00.7	+0.8
K25A	Mack Ranch, Ha baz=63	63.18	335	P	P	05	03	00.3	+0.4
LDFC	Landfair	63.20	322	eP	P	05	03	00.9	+0.8
LDFC						05	03	36.8	-0.3
KNB	Knab	63.22	325	eP	P	05	03	01.8	+1.4
KNB						05	03	19.7	-2.7
I28A	Midland	63.29	337	eP	P	05	03	00.7	+0.3
GMRC	Granite Mounta baz=64,SNR=6.8	63.33	321	P	P	05	03	02.0	+0.9
J26A	Sides Ranch, S baz=64,SNR=10	63.44	336	P	P	05	03	02.3	+0.8
H29A	Onit	63.48	338	P	P	05	03	01.4	-0.3
MURC	Murrieta	63.51	319	P	P	05	03	03.1	+1.0
SRU	San Rafael	63.52	328	eP	P	05	03	02.9	+0.6
SRU						05	03	38.8	+0.6
G30A	Faulkton	63.54	339	P	P	05	03	02.1	0.0
K24A	Anderson Ranch baz=64	63.67	334	P	P	05	03	03.5	+0.4
I27A	Quinn	63.68	337	P	P	05	03	03.3	+0.3
HEC	Hector,Ludlow baz=64,SNR=7.4	63.77	321	P	P	05	03	04.8	+0.9
J25A	Sunshine Ranch baz=64	63.80	335	P	P	05	03	04.5	+0.5
H28A	Mission Ridge baz=64	63.81	338	P	P	05	03	03.8	-0.1
ROA	Roan Cliffs	63.85	328	eP	P	05	03	04.7	+0.1
G29A	Hoven	63.87	339	P	P	05	03	03.9	-0.4
CCUT	Cedar City	63.91	325	eP	P	05	03	06.5	+1.6
EYMN	Ely	63.91	346	P	P	05	03	03.5	-1.0
EYMN						05	03	03.5	-1.0
EYMN						05	03	24.1	-2.4
TUQ	Turquoise Moun baz=64,SNR=6.1	63.93	322	eP	P	05	03	07.5	+0.7
I26A	New Underwood baz=64	63.96	336	P	P	05	03	05.5	+0.5
TMUT	Trial Mountain baz=64	64.01</							

Table with columns: ID, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like F20A Billings, A27A Ledoux Ranch, LKWF Lake, etc.

Table with columns: ID, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ESDC Sonseca Array, ESDC Vanda, SYO Syowa Base, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TORO Torodi Ar. Bea, I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

D08A	Wollman Farm, comp=Z,1µm,2.7s	91.62	41	eP	P	05 36 49.6	-0.3
PKI	Pulchoki comp=Z,372nm,1.2s	91.67	298	eP	P	05 36 49.7	-1.4
PKIN	Phulchoki comp=Z,420nm,1.4s	91.69	298	eP	P	05 36 49.7	-1.4
VNA2	Neumayer-Watz baz=163,slow=3.5	91.71	182	P	P	05 36 50.2	+0.1
PVM	Polavaram comp=Z,682nm,1.7s	91.79	287	eP	IAMB	05 37 01.5	0.0
PVM				eS	PP	05 40 30.1	-0.8
PVM				eSS	SKS	05 47 21.5	-0.7
PVM				eSS	SS	05 47 49.5	+0.6
PVM				eSS	IVMs_BB	06 12 53.8	
MDRS	Chennai comp=Z,15µm,27.9s	91.80	283	eP	P	05 36 50.0	-1.5
MDRS				AMB	AMB	05 37 14.0	
MDRS	Chennai comp=Z,25µm,18.0s	91.80	283	eP	P	05 36 50.5	-1.0
MDRS				ex	x	05 37 08.5	
MDRS				ex	x	05 37 38.5	
MDRS				ex	x	05 38 56.5	
MDRS				ex	x	05 40 31.5	
MDRS				ex	x	05 40 39.5	
MDRS				ex	x	05 42 35.5	
MDRS				ex	x	05 44 37.5	
MDRS				ex	x	05 47 21.5	
MDRS				ex	x	05 47 54.5	
MDRS				ex	x	05 48 57.5	
MDRS				ex	x	06 00 57.5	
MDRS				ex	x	06 02 40.5	
MDRS				ex	x	06 08 37.5	
CCUT	Cedar City comp=Z,452nm,2.0s	91.82	51	eP	P	05 36 51.6	+0.1
KKK	Kakani comp=Z,116nm,0.8s	91.85	298	eP	P	05 36 50.5	-1.3
B08A	Colville Reser comp=Z,111nm,1.3s	91.90	40	eP	P	05 36 50.3	-1.0
DMN	Daman comp=Z,671nm,1.4s	91.94	298	eP	P	05 36 50.9	-1.4
VNA1	Neumayer-Stat	92.01	181	P	P	05 36 51.1	-0.4
TUC	Tucson comp=Z,88nm,1.1s	92.03	57	eP	P	05 36 52.4	0.0
TUC				eP'P'df	P'P'df	06 02 24.1	+5.4
KNB	Kanab comp=Z,732nm,1.9s	92.04	52	eP	P	05 36 52.5	0.0
KNB				MLR	MLR		
KNB	Kanab comp=Z,117µm,21.0s	92.04	52	eP	P	05 36 52.5	0.0
KNB				LR	LR		
MFID	Canas Ranch comp=Z,145nm,1.3s	92.20	45	eP	P	05 36 53.0	+0.1
MFID				ePKKp'df	PKKp'df	05 54 08.0	+0.1
C09A	Chrisman Ranch comp=Z,122nm,1.5s	92.32	40	eP	P	05 36 52.5	-0.7
GKN	Gorkha comp=Z,195nm,1.0s	92.46	298	eP	P	05 36 52.7	-1.8
SKHT	Srikalahasti comp=Z,379nm,1.3s	92.50	284	eP	IAMB	05 37 08.7	
SKHT				eP	PP	05 40 36.0	-0.5
SKHT				eS	SKS	05 47 27.3	+1.0
SKHT				eSS	SS	05 54 09.8	+0.5
SKHT				eSS	IVMs_BB	06 10 13.3	
WUAZ	Wupatki baz=93	92.63	54	P	P	05 36 55.0	-0.1
WUAZ	Wupatki comp=Z,83nm,1.0s	92.63	54	eP	P	05 36 55.1	-0.1
WUAZ				ePKKp'df	PKKp'df	05 54 09.2	+0.8
WUAZ				eP'P'df	P'P'df	06 02 22.1	+4.7
MAIG	Mazatalan	92.81	67	eP	P	05 36 58.6	+2.1
ADKI	Addanki comp=Z,852nm,1.8s	92.88	286	eP	IAMB	05 37 13.6	
ADKI				eP	PP	05 40 41.1	+2.0
ADKI				eS	SKS	05 48 17.1	+5.6
ADKI				eSS	SS	05 54 17.1	+2.3
ADKI				eSS	IVMs_BB	06 20 38.8	
DUG	Dugway comp=Z,16µm,19.7s	93.15	49	eP	P	05 36 56.8	-0.7
DUG				pmax	pmax		
DUG	Dugway baz=93	93.15	49	P	P	05 36 56.7	-0.7
DUG	Dugway comp=Z,167nm,1.8s	93.15	49	eP	P	05 36 56.8	-0.7
DUG				eP	P	05 36 56.8	-0.7
NEW	Newport comp=Z,24nm,1.1s,baz=252,slow=4.6,SNR=14	93.21	40	eP	P	05 36 56.5	-0.9
NEW	Newport baz=93,SNR=17	93.21	40	eP	P	05 36 56.4	-1.0
NEW	Newport comp=Z,52µm,22.0s	93.21	40	eP	LR	05 36 57.0	-0.4
HLID	Hailey baz=93,SNR=40	93.22	45	P	P	05 36 57.2	-0.5
HLID	Hailey comp=Z,76nm,1.4s	93.22	45	eP	P	05 36 57.3	-0.5
BGU	Big Grassy Mtn comp=Z,122nm,1.7s	93.25	48	eP	P	05 36 57.9	0.0
KOLN	Koldanda comp=Z,138nm,1.0s	93.26	298	eP	P	05 36 56.5	-1.8
DANN	Dangsing comp=Z,124µm,25.0s	93.30	298	eP	P	05 36 56.8	-1.8
TRD	Trivandrum comp=Z,122nm,1.7s	93.54	278	eP	P	05 37 06.0	+6.4
TRD	Trivandrum comp=Z,138nm,1.0s	93.54	278	eP	P	05 36 55.9	-3.7
NLU	North Lily Mtn comp=Z,91nm,1.5s	93.60	49	eP	P	05 36 59.2	-0.4
NLU				eP	PP	05 40 47.7	+2.8
NLU				ePKKp'df	PKKp'df	05 54 06.8	+0.7
CGIG	Nagarjunasagar comp=Z,100µm,21.0s	93.68	59	P	P	05 36 57.9	-2.3
NJS		93.70	286	eP	P	05 37 00.0	-0.3
NJS				IAMB	IAMB	05 37 17.0	
NJS				eP	PP	05 40 45.9	0.0
NJS				eS	SKS	05 47 32.1	+0.8
NJS				eSS	SS	05 48 05.9	+0.8
NJS				eSS	IVMs_BB	06 12 12.9	
RCLA	Racheria comp=Z,13µm,25.6s	93.70	285	eP	IAMB	05 37 00.2	-0.1
RCLA				IAMB	IAMB	05 37 17.9	
RCLA				eP	PP	05 40 41.9	-4.0
RCLA				eS	SKS	05 47 36.9	+3.9
RCLA				e	SS	05 54 31.2	+4.6
RCLA				e	IVMs_BB	06 21 39.1	
HVU	Hansel Valley comp=Z,21µm,19.4s	93.72	47	eP	P	05 37 00.0	0.0
HVU				P	P	05 37 00.0	0.0
HVU				ePKKp'df	PKKp'df	05 54 04.6	-0.5
W18A	Petrified Fore baz=94	93.77	54	P	P	05 36 60.0	-0.5
ANIG	Ahuacatan	93.85	69	P	P	05 36 59.4	-1.7
MPU	Maple Canyon comp=Z,2µm,2.8s	93.94	49	eP	P	05 37 01.4	+0.2
MPU				ePKKp'df	PKKp'df	05 54 05.4	+0.2
SRLM	Srisailam comp=Z,392µm,22.0s	93.95	286	eP	IAMB	05 37 01.2	-0.2
SRLM				IAMB	IAMB	05 37 18.2	
SRLM				eP	PP	05 40 46.0	-1.8
SRLM				eS	SKS	05 47 34.4	0.0
SRLM				e	SS	05 48 07.1	+0.9
SRLM				eSS	SS	05 54 29.3	-0.9
SRLM				eSS	IVMs_BB	06 26 55.2	

TMUT	Trail Mountain comp=Z,87nm,1.4s	94.01	50	eP	P	05 37 02.2	+0.6
TMUT				ePKKp'df	PKKp'df	05 54 04.8	+0.1
NPI	North Potacell	94.03	47	eP	P	05 37 00.6	-0.8
HVS	Khovu-Acay comp=Z,97nm,0.7s	94.03	323	eP	pmax	05 37 01.3	+0.2
HVS				MLR	MLR		
CTU	comp=Z,54µm,19.0s	94.08	49	eP	P	05 37 02.5	+0.8
CTU	comp=Z,32nm,0.9s			ePKKp'df	PKKp'df	05 54 03.7	-0.7
O16A	Springville comp=Z,108nm,1.3s	94.10	49	eP	P	05 37 01.7	-0.1
MMIG	RPR comp=Z,478nm,1.4s	94.10	72	eP	P	05 36 57.5	-4.6
RPR		94.38	288	eP	IAMB	05 37 19.6	
RPR				eP	PP	05 40 49.7	-1.5
RPR				eS	SKS	05 48 10.1	-1.9
RPR				eS	SS	05 54 38.9	+2.6
RPR				eSS	IVMs_BB	06 14 10.2	
P17A	Butcher Ranch, San Rafael	94.41	50	eP	P	05 37 03.5	+0.3
SRU	comp=Z,76nm,1.5s	94.45	51	eP	pmax	05 37 03.7	+0.2
SRU	San Rafael	94.45	51	eP	P	05 37 03.6	+0.2
SRU	comp=Z,76nm,1.5s			ePKKp'df	PKKp'df	05 54 03.0	-0.7
121A	Cookes Peak, D baz=95	94.50	57	eP	P	05 37 03.4	-0.5
BSMT	Bassoo Peak	94.51	41	eP	P	05 37 03.2	-0.4
HWUT	Hardware Ranch comp=Z,52nm,1.3s	94.52	48	eP	P	05 37 03.1	-0.6
HWUT				ePKKp'df	PKKp'df	05 54 02.8	-0.9
HPIG	Hyderabad	94.58	63	eP	P	05 37 02.2	-2.2
HYB		94.64	287	eP	P	05 37 03.0	+0.0
HYB				eP	PP	05 37 05.0	0.0
HYB				eP	PP	05 37 15.0	-4.2
HYB				eS	SKS	05 40 56.0	+2.7
HYB				eS	SS	05 47 36.0	-2.1
HYB				eS	SS	05 48 16.0	+0.1
HYB				eS	IVMs_BB	05 58 00.0	
HYB	Hyderabad	94.64	287	eP	P	05 37 03.5	-1.2
HYB				AMB	AMB	05 37 14.3	
HYBB	Hyderabad (2s) comp=Z,414nm,1.5s	94.64	287	eP	IAMB	05 37 03.6	-1.0
HYBB				eP	PP	05 40 56.1	+2.8
HYBB				eS	SKS	05 48 19.0	-1.1
HYBB				eS	SS	05 54 38.0	-2.1
HYBB				eSS	IVMs_BB	06 28 10.4	
MSO	Missoula comp=Z,15µm,16.4s	94.69	42	eP	P	05 37 02.9	-1.4
MSO	Missoula comp=Z,30nm,1.1s	94.69	42	eP	P	05 37 05.5	+1.2
MSO				LR	LR		
MCMT	McKenzie Canyon	94.71	45	eP	P	05 37 04.6	0.0
JTMT	Jettette	94.79	41	eP	P	05 37 08.7	+3.9
JTMT				ePKKp'df	PKKp'df	05 53 59.6	-3.6
BLMT	Blacktail Moun	94.84	41	eP	PP	05 41 02.2	+7.9
BLMT				ePKKp'df	PKKp'df	05 54 03.0	-0.2
SWMT	Swartz Lake	94.89	42	eP	PP	05 37 09.1	+3.3
SWMT				ePKKp'df	PKKp'df	05 54 02.2	-0.7
DLMT	Dillon	95.06	44	eP	P	05 37 06.8	+0.6
SLMT	Seeley Lake	95.12	42	eP	P	05 37 09.0	+2.6
SLMT				ePKKp'df	PKKp'df	05 57 05.6	-0.3
URV	Uravakonda	95.12	284	eP	IAMB	05 37 20.7	
URV				eP	PP	05 40 55.4	-1.6
URV				eS	SKS	05 48 19.0	-1.1
URV				eS	SS	05 54 47.5	+0.6
URV				eSS	IVMs_BB	06 11 00.1	
CHMT	Chamberlain Mtn	95.16	42	eP	P	05 37 0	

10d 5h

2010 AUG

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like Q24A Divide, GOA Goa, T25A Trinidad, H21A Big Horn, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like Z30A Sanderson Ranch, O26A Horse Wrangler, W29A Amrillo, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like K27A Flueckinger Fa, W31A Holland Ranch, S34A Blanco, etc.

H28A	Mission Ridge	102.77	47	Pdiff	Pdif	05 37 40.0 -0.6
Q31A	Ellis	102.77	53	Pdiff	Pdif	05 37 39.8 -0.9
WHTX	Lake Whitney	102.80	60	Pdiff	Pdif	05 37 40.0 -0.9
WHTX	Lake Whitney	102.80	60	ePP	PP	05 41 56.0 +0.6
S32A	Newby Ranch, P	102.84	54	Pdiff	Pdiff	05 37 40.0 -1.0
K29A	Lazy Trails An	102.87	49	Pdiff	Pdif	05 37 40.7 -0.4
P31A	Stockton	102.89	52	Pdiff	Pdif	05 37 40.7 -0.5
G28A	Parade	102.92	47	Pdiff	Pdif	05 37 40.9 -0.3
D27A	Center	102.92	44	Pdiff	Pdif	05 37 40.7 -0.5
M30A	Dale-Ortello V	102.94	50	Pdiff	Pdif	05 37 40.3 -1.1
737A	Port Lavaca	102.94	64	Pdiff	Pdif	05 37 41.0 -0.6
A26A	Wade Farm, Ken	102.95	43	Pdiff	Pdif	05 37 41.3 +0.1
V35A	Lossen Ranch,	102.95	56	Pdiff	Pdif	05 37 40.9 -0.7
135A	Vickery Place,	102.96	60	Pdiff	Pdif	05 37 40.7 -0.9
Y34A	Reagan Ranch,	102.98	58	Pdiff	Pdif	05 37 41.0 -0.8
J29A	Okreek	103.00	48	Pdiff	Pdif	05 37 40.9 -0.7
KURBK	Kurchatov	103.00	319	PKKPbc	PKKPbc	05 53 37.0 -2.9
KURBK	Kurchatov Arra	103.04	319	PKKPbc	PKKPbc	05 53 37.0 -2.8
X34A	Smith Ranch, M	103.06	58	Pdiff	Pdif	05 37 41.9 -0.1
O31A	Woolen Ranch,	103.06	52	Pdiff	Pdif	05 37 41.2 -0.7
C27A	Saylor Ranch,	103.06	44	Pdiff	Pdif	05 37 41.5 -0.2
436A	Wall Ranch, Ga	103.08	62	Pdiff	Pdif	05 37 41.5 -0.7
L30A	Spencer Herefo	103.14	50	Pdiff	Pdif	05 37 42.2 -0.1
I29A	Vivian Onida	103.14	48	Pdiff	Pdif	05 37 42.3 +0.1
F28A	McLaughlin	103.16	46	Pdiff	Pdif	05 37 41.3 -0.9
R32A	Long Quarter,	103.17	54	Pdiff	Pdif	05 37 41.4 -1.0
336A	Riesel	103.18	61	Pdiff	Pdif	05 37 42.3 -0.3
637A	Eagle Lake	103.18	63	Pdiff	Pdif	05 37 42.4 -0.3
U33A	Lingo Farm, Me	103.22	56	Pdiff	Pdif	05 37 41.3 -1.4
W34A	Bridge Creek,	103.24	57	Pdiff	Pdif	05 37 42.2 -0.6
W34A	Bridge Creek,	103.24	57	ePP	PP	05 42 03.0 +4.4
T33A	Patterson Ranc	103.25	55	Pdiff	Pdif	05 37 42.2 -0.7
Z35A	Perchaven, San	103.26	59	Pdiff	Pdif	05 37 41.9 -1.0
H29A	Onida	103.32	47	Pdiff	Pdif	05 37 42.3 -0.7
537A	Green Hill Far	103.34	62	Pdiff	Pdif	05 37 43.0 -0.4
B27A	Peters Farms,	103.36	43	Pdiff	Pdif	05 37 42.4 -0.7
K30A	Basset	103.36	49	Pdiff	Pdif	05 37 42.5 -0.8
E28A	Huff	103.38	45	Pdiff	Pdif	05 37 42.6 -0.6
Q32A	Meitler Ranch,	103.40	53	Pdiff	Pdif	05 37 43.0 -0.5
N31A	Bailey Ranch,	103.47	51	Pdiff	Pdif	05 37 43.1 -0.7
TKM2	Tokmak 2	103.48	311	ePP	PP	05 42 01.8 +1.4
A27A	Ledoux Ranch,	103.48	43	Pdiff	Pdif	05 37 43.1 -0.4
A27A	Hutting Farm,	103.50	52	Pdiff	Pdif	05 37 43.4 -0.5
S33A	Kaszmual Farm,	103.55	55	Pdiff	Pdif	05 37 43.7 -0.4
Y35A	Marietta	103.56	58	Pdiff	Pdif	05 37 43.5 -0.8
M31A	Lambtech Ranc	103.56	51	Pdiff	Pdif	05 37 43.2 -1.0
V34A	Guthrie	103.57	56	Pdiff	Pdif	05 37 43.3 -1.0
236A	Katherine and	103.57	60	Pdiff	Pdif	05 37 43.3 -1.1
J30A	Dallas	103.58	49	Pdiff	Pdif	05 37 42.9 -1.3
D28A	Regan	103.58	45	Pdiff	Pdif	05 37 43.3 -0.8
G29A	Hoven	103.64	47	Pdiff	Pdif	05 37 43.3 -1.1
738A	Farr-Stevens R	103.64	64	Pdiff	Pdif	05 37 44.1 -0.6
437A	Phantom Ranch,	103.65	62	Pdiff	Pdif	05 37 43.7 -1.0
136A	Ennis	103.67	60	Pdiff	Pdif	05 37 44.0 -0.8
U34A	Anderson Ranch	103.68	56	Pdiff	Pdif	05 37 44.2 -0.6
U34A	Anderson Ranch	103.68	56	ePP	PP	05 42 10.5 +8.6
R33A	Olander Ranch,	103.70	54	Pdiff	Pdiff	05 37 44.3 -0.5
X35A	Drake	103.71	58	Pdiff	Pdif	05 37 44.1 -0.9
I30A	Oacoma	103.74	48	Pdiff	Pdif	05 37 43.8 -1.1
C28A	Hausauer Farms	103.80	44	Pdiff	Pdif	05 37 45.1 0.0
F29A	Eureka	103.82	46	Pdiff	Pdif	05 37 44.6 -0.6
L31A	Butterfield Fa	103.83	50	Pdiff	Pdif	05 37 45.1 -0.2
O32A	Brockman Farm,	103.87	52	Pdiff	Pdif	05 37 45.2 -0.4
CCIG	Comitan	103.88	77	P	Pdif	05 37 45.9 -0.3
Z36A	Blue Ridge	103.92	59	Pdiff	Pdif	05 37 45.5 -0.4
W35A	Tecumseh	103.94	57	Pdiff	Pdif	05 37 45.3 -0.6
N32A	Stulken Farm,	103.95	51	Pdiff	Pdif	05 37 45.7 -0.2
B28A	Dugan Ranch, T	103.96	43	Pdiff	Pdif	05 37 45.9 +0.2
Q33A	Connelly Farm,	103.96	53	Pdiff	Pdif	05 37 45.4 -0.5
337A	Centerville	103.97	61	Pdiff	Pdif	05 37 45.6 -0.5
538A	Harpers Horsep	104.07	62	Pdiff	Pdif	05 37 47.1 +0.5
T34A	McClaskey Farm	104.07	55	Pdiff	Pdif	05 37 45.4 -1.1
E29A	Napoleon	104.09	45	Pdiff	Pdif	05 37 45.1 -1.3
V35A	Meyer Ranch, C	104.10	57	Pdiff	Pdif	05 37 45.3 -1.3
A28A	Rude Farm, Bot	104.10	43	Pdiff	Pdif	05 37 45.4 -1.0
FFC	Flin Flon	104.11	37	eP	Pdif	05 37 52.8 +6.6
FFC	Flin Flon	104.11	37	eP	Pdif	05 37 52.8 +6.6
J31A	Geddes	104.11	49	Pdiff	Pdif	05 37 45.1 -1.4
P33A	Williams Farm,	104.15	53	Pdiff	Pdif	05 37 46.0 -0.8
G30A	Faulkton	104.17	47	Pdiff	Pdif	05 37 46.0 -0.7
FRU	Bishkek	104.17	311	eP	Pdif	05 37 44.0 -2.8
FRU				e	Sdf	05 48 24.0
FRU				i	Sdf	05 49 31.0 -4.4
FRU				i	PS	05 51 22.0 +4.3
FRU				i	SS	05 56 47.0 -5.3
FRU	comp=Z,5um,18.7s				pmax	
FRU	comp=E,42um,20.0s				MLR	MLR
FRU	comp=Z,38um,20.0s				MLR	MLR
237A	Washetta, Mont	104.17	61	Pdiff	Pdif	05 37 46.3 -0.7

BGNE	Belgrade	104.18	51	Pdiff	Pdif	05 37 46.1 -0.8
438A	Sam Houston St	104.19	62	Pdiff	Pdif	05 37 46.4 -0.7
D29A	Pettibone, Tap	104.21	45	Pdiff	Pdif	05 37 46.2 -0.6
AAK	Ala-Archa	104.22	311	P	Pdif	05 37 54.4 +7.2
AAK	comp=Z,17nm,1.1s				pmax	
AAK	Ala-Archa	104.22	311	ePdiff	Pdif	05 37 55.0 +7.7
X36A	Centrahoma	104.25	58	Pdiff	Pdif	05 37 46.4 -0.9
S34A	Willow Spring	104.26	55	Pdiff	Pdif	05 37 46.3 -1.0
R34A	Isabella, Hill	104.27	54	Pdiff	Pdif	05 37 46.3 -1.0
U35A	Pawnee	104.30	56	Pdiff	Pdif	05 37 46.7 -0.8
137A	Heron Place, G	104.34	60	Pdiff	Pdif	05 37 47.7 -0.1
MDND	Maddock	104.35	44	Pdiff	Pdif	05 37 46.6 -0.9
MDND	Maddock	104.35	44	PFAKE	LR	05 38 00.0 +1.3
MDND	comp=Z,65um,20.0s				LR	
O33A	Hebron	104.35	52	Pdiff	Pdif	05 37 46.5 -1.2
F30A	Leola	104.38	46	Pdiff	Pdif	05 37 46.5 -1.2
I31A	Royce, Wessing	104.39	48	Pdiff	Pdif	05 37 47.1 -0.6
L32A	Elgin	104.40	50	Pdiff	Pdif	05 37 47.4 -0.4
338A	Crockett	104.45	61	Pdiff	Pdif	05 37 47.6 -0.7
W36A	Wetumka	104.46	57	Pdiff	Pdif	05 37 47.3 -1.0
K32A	Verdige	104.55	49	Pdiff	Pdif	05 37 47.8 -0.7
Z37A	Pogue Cattle C	104.57	59	Pdiff	Pdif	05 37 47.8 -0.9
E30A	Jud	104.57	45	Pdiff	Pdif	05 37 47.6 -0.9
N33A	J Bar K, Exete	104.58	52	Pdiff	Pdif	05 37 48.1 -0.6
T35A	Sooner Cattle	104.58	56	Pdiff	Pdif	05 37 48.3 -0.5
B29A	Wagenman Farm,	104.62	43	Pdiff	Pdif	05 37 47.9 -0.7
Q34A	Chapman	104.63	53	Pdiff	Pdif	05 37 48.4 -0.5
539A	Cross D Ranch,	104.69	63	Pdiff	Pdif	05 37 48.8 -0.6
Y37A	Hugo	104.72	59	Pdiff	Pdif	05 37 47.8 -1.6
EKS2	Erkin-Say	104.74	310	PFAKE	LR	05 38 00.0 +1.0
EKS2	comp=Z,73um,22.0s				LR	
238A	Jacksonville	104.74	61	Pdiff	Pdif	05 37 48.7 -0.8
J32A	Parkston	104.76	49	Pdiff	Pdif	05 37 48.2 -1.2
A29A	Manning Farm,	104.78	43	Pdiff	Pdif	05 37 48.3 -1.1
D30A	Buchanan	104.78	45	Pdiff	Pdif	05 37 48.5 -0.9
439A	Center Grove,	104.80	62	Pdiff	Pdif	05 37 49.2 -0.6
V36A	Jenks	104.81	57	Pdiff	Pdif	05 37 48.3 -1.5
P34A	Walnut Farm, R	104.83	53	Pdiff	Pdif	05 37 50.4 +0.6
S35A	Ottawa Creek Ra	104.88	55	Pdiff	Pdif	05 37 49.9 -0.2
138A	Mattalot Enter	104.90	60	Pdiff	Pdif	05 37 50.3 0.0
KSU1	Kansas State U	104.91	53	Pdiff	Pdif	05 37 49.8 -0.4
M33A	Taylor Creek F	104.92	51	Pdiff	Pdif	05 37 49.5 -0.7
TUL1	Tulsa	104.96	57	Pdiff	Pdif	05 37 49.5 -0.9
TUL1	comp=Z,2.0nm,0.7s,baz=293,slow=4.2,SNR=2.0				PKKPbc	05 53 34.3 +0.8
L33A	Hoskins	104.97	50	Pdiff	Pdif	05 37 49.4 -1.0
X37A	Clayton	105.04	58	Pdiff	Pdif	05 37 49.3 -1.5
O34A	Beatrice	105.05	52	Pdiff	Pdif	05 37 49.6 -1.2
C30A	Mose, Pekin	105.07	44	Pdiff	Pdif	05 37 49.1 -1.5
NATX	Nacogdoches	105.08	61	Pdiff	Pdif	05 37 50.5 -0.6
339A	Huntington	105.08	62	Pdiff	Pdif	05 37 50.4 -0.7
R35A	Emporia Munci	105.09	54	Pdiff	Pdif	05 37 50.3 -0.7
U36A	Oologah	105.10	56	Pdiff	Pdif	05 37 50.8 -0.3
Z38A	Mt. Pleasant	105.10	59	Pdiff	Pdif	05 37 50.6 -0.5
T36A	Boggs Farm, Ca	105.10	55	Pdiff	Pdif	05 37 49.8 -1.3
W37A	Quinton	105.10	58	Pdiff	Pdif	05 37 50.2 -1.0
I32A	Karley and Nic	105.15	48	Pdiff	Pdif	05 37 49.9 -1.2
K33A	Hardington	105.24	50	Pdiff	Pdif	05 37 50.3 -1.3
H32A	Carlson Farm,	105.25	48	Pdiff	Pdif	05 37 50.3 -1.2
239A	Gary	105.29	61	Pdiff	Pdif	05 37 50.9 -1.1
B30A	Myrtle Farm, E	105.29	44	Pdiff	Pdif	05 37 50.3 -1.3
N34A	Lincoln	105.31	52	Pdiff	Pdif	05 37 50.8 -1.1
Q35A	Merced Eighty,	105.31	54	Pdiff	Pdif	05 37 50.8 -1.2
540A	Vidor	105.34	63	Pdiff	Pdif	05 37 51.5 -0.8
M34A	Aspy Farms, Fr	105.36	51	Pdiff	Pdif	05 37 51.0 -1.1
A30A	Hoffart Farm,	105.39	43	Pdiff	Pdif	05 37 51.3 -0.7
J33A	Davis	105.39	49	Pdiff	Pdif	05 37 50.8 -1.4
Y38A	Idabel	105.44	59	Pdiff	Pdif	05 37 51.1 -1.5
P35A	Duane Minner,	105.44	53	Pdiff		

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

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NIED 10 05:50:00.39:30N:143:50E, h17km, Mw5.9 Best double couple: Ma7.77000:1017 NP1:200.00000:818.00000:1.77.00000. NP2:33.00000:873.00000:1.94.00000.
IDC 10 05:50:33.3:0.39:41N:143:32E, h0km, Mw5.4/2.39, mb1 5.4/4, mb1mx5.4/4, mbtmp5.4/4, ML1.1/4, MS6.4/4, Ms1 6.5/4, ms1mx5.1/62, Error ellipse: s-maj=1.1km s-min=9.3km az=106.0
JMA 10 05:50:34.6:0.2, 39:35N:143:49E, h30km, M6.3 JMA Felt IV J1
ISCJB 10 05:50:36.2:0.5, 39:43N:0:02:143:20E:0:01, h23km, 3km, mb5.8/309, MS6.7/13, Error ellipse: s-maj=2.8km s-min=1.7km az=155.5
BJJ 10 05:50:36.6, 39:35N:142:87E, h22km, mb5.9/75, MB6.5/27, Ms6.4/54, Ms7.6/352
NEIC 10 05:50:37.5:0.6, 39:41N:143:15E, h22km, 4km, mb5.8/80, MW5.9(NIED), Error ellipse: s-maj=3.9km s-min=2.3km az=141.0
NEIC Felt [I] at Misawa. Also felt at Akita, Hachinohe, Ichinoseki and Sendai. Felt at Obihiro and Sapporo, Hokkaido. Recorded [4 JMA] in Miyagi; [3 JMA] in Akita, Aomori, Iwate and Yamagata; [2 JMA] in Fukushima and Niigata; [1 JMA] in Chiba, Nagano and Saitama. Also recorded [2 JMA] in southern Hokkaido and [1 JMA] in central, eastern and southern Hokkaido.
MOS 10 05:50:38.1:0.9, 39:60N:143:13E, h33km, mb.0/67, Error ellipse: s-maj=5.7km s-min=3.7km az=102.7
SZGRF 10 05:50:42.0, 39:89N:143:61E, h33km, mb5.9, Off east coast of Honshu, Japan
ISC 10 05:50:37.2:0.3, 39:45N:0:03:143:25E:0:03, h21km, 2km, h21km: p-P, n1708, t109/1779, mb5.9/323, MS6.6/14, 181C-12D, Off east coast of Honshu

Code	Station Name	A°	AZ°	ISC	Phase	IDC	Time	Res
							h m s	ISC
MIYJ	Miyakonagasawa	1.11	277	P	Pn	05 50 57.5	0.0	
MIYJ				eS	Sn	05 51 14.7	+2.5	
JTH	Tanohata	1.18	295	P	Pb	05 50 58.6	-0.2	
OFUJ	Ofunato	1.28	254	P	Pn	05 51 16.3	+2.5	
JOM	Ohasama	1.51	272	P	Pn	05 50 59.7	-0.5	
KJZ	Kuzumaki	1.57	290	P	Pn	05 51 07.7	+0.6	
JANG	Nango	1.62	305	P	Pn	05 51 04.2	-0.4	
JANG				eS	Sb	05 51 26.6	+0.2	
JMK	Ichinoseki	1.65	253	P	Pn	05 51 04.9	0.0	
JIO	Ouri	1.78	237	P	Pn	05 51 11.1	+1.1	
JIO				eS	Sn	05 51 28.5	-0.2	
JTM	Tenmabayashi	2.14	309	P	Pn	05 51 12.1	+0.4	
JAH	Hinai	2.14	291	P	Pn	05 51 12.8	+0.1	
JYK	Kaneyama	2.31	258	P	Pn	05 51 14.7	+0.7	
JYK				eS	Sb	05 51 44.8	-1.3	
JOT	Ohata	2.56	320	P	Pn	05 51 17.4	0.0	
ERM	Erimo	2.56	358	d	Pn	05 51 16.3	-1.2	
ERM	Erimo	2.56	358	Pn	Pn	05 51 16.3	-1.2	
ERM	Erimo	2.56	358	ePn	Pn	05 51 16.6	-0.9	
JEM	Erimo	2.56	358	P	Pn	05 51 16.5	-1.0	
JSI2	Shiura	2.70	307	P	Pn	05 51 20.2	+0.8	
JYS	Shirataka	2.77	245	P	Pn	05 51 20.6	+0.2	
JNBK	Urakawa-nobuka	2.85	353	P	Pn	05 51 21.0	-0.5	
JNBK				eS	Sn	05 51 56.7	+1.5	
JYA	Atsumi	2.88	254	P	Pn	05 51 22.5	+0.6	
JKB	Kayabe	2.96	326	P	Pn	05 51 22.7	-0.3	
JFT	Otama	2.99	231	P	Pn	05 51 22.6	-0.8	
JSR	Shirouchi	3.00	315	P	Pn	05 51 24.0	+0.6	
JCH	Churui	3.16	2	P	Pn	05 51 24.4	-1.3	
JCH				eS	Sn	05 52 00.8	-2.0	
JAW	Awa shima	3.27	254	P	Pn	05 51 28.0	+0.8	
JBT2	Biratori 2	3.39	349	P	Pn	05 51 28.8	+0.1	
JYM2	Yakumo 2	3.45	322	P	Pn	05 51 30.1	+0.5	
JNB	Noboribetsu	3.45	332	P	Pn	05 51 28.9	-0.8	
JOB	Onbetsu	3.48	7	P	Pn	05 51 28.8	-1.3	
JNS	Sasagawa	3.48	243	P	Pn	05 51 30.4	+0.3	
JHO	Hitachi	3.54	218	P	Pn	05 51 27.0	-3.1	
JAK	Akkeshi	3.71	17	P	Pn	05 51 31.1	-2.1	
JOSM	Okushiri-Mats	3.89	314	P	Pn	05 51 35.8	+0.1	
JHK	Hiroka	3.99	328	P	Pn	05 51 37.1	0.0	
JIZZ	Izumozaki	4.04	243	P	Pn	05 51 39.2	+1.4	
JJK	Katahina	4.14	231	P	Pn	05 51 39.6	+0.4	
JSD	Sado	4.15	252	P	Pn	05 51 39.5	+0.2	
JAG	Ashikaga	4.25	226	P	Pn	05 51 39.7	-1.1	
JKK2	Kamakawa 2	4.44	355	P	Pn	05 51 42.8	-0.4	
JHR	Hokuryu	4.44	346	P	Pn	05 51 44.0	+0.7	
JTRK	Abashiri-Toko	4.54	6	P	Pn	05 51 43.3	-1.4	
JJP	Narusseppu	4.55	1	P	Pn	05 51 43.5	-1.4	
JJN	Nakama	4.64	241	P	Pn	05 51 47.2	+1.2	
ASAJ	Asahikawa	4.69	354	P	Pn	05 51 46.6	-0.1	
ASAJ	Asahikawa	4.69	354	Pn	Pn	05 51 46.9	+0.2	
ASAJ	Asahikawa	4.69	354	ePn	Pn	05 51 46.6	-0.1	
IS0JP	SUMI INFRASON	4.75	210	Pn	Pn	05 51 48.9	+1.3	
JRY	Ryogami san	4.86	227	P	Pn	05 51 48.0	-1.1	
MJAR	Matsushiro Arr	4.92	235	Pn	Pn	05 51 50.6	+0.6	
MJAR		186nm, 0.3s, baz=34, slow=13, SNR=907		Sn	Sb	05 52 54.9	-6.6	
MAJO	Matsushiro	4.93	235	iP	Pn	05 51 50.9	+0.9	
MAJO	Matsushiro	4.93	235	ePn	Pn	05 51 51.0	+0.9	
MAT	Matsushiro	4.93	235	P	Pn	05 51 50.9	+0.9	
MAT				S	Sn	05 52 51.5	+5.1	
MAT	Matsushiro	4.93	235	P	Pn	05 51 50.9	+0.9	
YUK	Yuzh-Kuril'sk	4.98	220	iP	Pn	05 51 48.1	-2.6	
YUK				iS	Sn	05 52 42.2	-5.4	
YUK								pmax
YUK	comp=N, 502nm, 0.5s							pmax
YUK	comp=E, 230nm, 0.5s							pmax
YUK	comp=Z, 2um, 0.5s							pmax
YUK	comp=Z, 4um, 0.6s							pmax
YUK	comp=E, 3um, 0.6s							smax
YUK	comp=N, 4318um, 0.6s							smax
YUK	comp=N, 28um, 2.0s							smax
YUK	comp=E, 26um, 2.0s							smax
YUK	comp=Z, 72um, 13.0s							MLR
YUK	comp=E, 27um, 12.0s							MLR
YUK	comp=N, 36um, 13.0s							MLR
JSZ	Suzu	5.03	248	P	Pn	05 51 51.7	+0.3	
JSS	Shosan	5.05	349	P	Pn	05 51 52.9	+0.5	
JNG	Nsakai	5.08	235	P	Pn	05 51 52.9	+0.8	
JHG	Hegura jima	5.21	254	P	Pn	05 51 54.7	+0.9	
JNT	Takato	5.40	230	P	Pn	05 51 56.7	+0.1	
JYN	Shimob	5.43	225	P	Pn	05 51 56.4	-0.6	
JTT	Tatey	5.46	241	P	Pn	05 51 59.0	+1.6	
JHJ	Hakui	5.68	246	P	Pn	05 52 01.4	+1.0	
JGN	Niukaw	5.69	237	P	Pn	05 52 01.7	+1.1	
JNY	Yasuok	5.92	228	P	Pn	05 52 03.5	-0.2	
JGF	Kuroka	6.05	232	P	Pn	05 52 05.7	+0.2	
JKG	Kaga	6.32	242	P	Pn	05 52 10.4	+1.3	
JAO	Obara	6.34	231	P	Pn	05 52 09.0	-0.4	
IGM	Miyama	6.39	236	P	Pn	05 52 10.9	+0.7	
KUR	Kuril'sk	6.72	29	eP	Sn	05 52 13.5	-1.0	
KUR				eS	Sn	05 53 25.4	-4.9	
KUR								pmax
KUR	comp=N, 231nm, 0.6s							pmax
KUR	comp=E, 136nm, 0.6s							pmax
KUR	comp=Z, 517nm, 0.6s							pmax
KUR	comp=N, 958nm, 0.9s							smax
KUR	comp=E, 1um, 0.9s							smax
JHJ2	Mitsune	6.90	205	ePn	Pn	05 52 14.4	-2.8	
JHJ	Hachijo jima 2	6.91	205	Pn	Pn	05 52 14.9	-2.3	
JHJ	comp=Z, 222nm, 0.3s, baz=227, slow=8, SNR=14							Sn
JHJ								Sn
JFM	Mihama	6.97	238	eP	Pn	05 52 19.0	+0.9	
YSS	Yuzh-Sakhalins	7.51	357	iP	Pn	05 52 25.0	-0.4	

YSS	comp=Z, 500nm, 1.0s	pmax	pmax
YSS	Yuzh-Sakhalins	7.51	357 ePn
VLA	Udriavostok	9.31	297 c iP
VLA			eS
USRK	Ussuriysk Ar.	9.65	303 Pn
MSHR	comp=Z, 5.1nm, 0.3s, baz=114, slow=13, SNR=181		
HABR	Mys Shultsa	9.66	293 i P
HABR	Khabarovsk	10.78	330 c eP
HABR			Sn
HABR			Pn
HABR	comp=E, 321nm, 1.7s		pmax
HABR	comp=Z, 650nm, 1.7s		pmax
HABR	comp=N, 335nm, 1.7s		pmax
HABR	comp=N, 82um, 18.0s		MLR
HABR	comp=Z, 86um, 15.0s		MLR
HABR	comp=E, 124um, 12.0s		MLR
KSULJ	Uljin	11.25	260 P
KSULJ	SNR=46		
KSULJ	Uljin	11.25	260 P
KSULJ	SNR=40		
MDJ	Mudanjiang	11.39	301 P
MDJ			S
MDJ			Pn
MDJ			ScP
MDJ			PcS
MDJ			ScS
MDJ	comp=E, 370nm, 1.2s		PMZ
MDJ	comp=E, 13um, 5.2s		PMZ
MDJ	comp=E, 121um, 17.0s		LE
MDJ	comp=E, 76um, 17.0s		LZ
MDJ	comp=E, 147um, 15.3s		
MDJ	Mudanjiang	11.39	301 ePn
KSJM	comp=Z, 1um, 1.8s		
KSJM	Junjunjin	11.44	267 P
KSJM	SNR=34		
KSJM	Junjunjin	11.44	267 P
KSJM	SNR=34		
KSPHA	Phang	11.45	258 P
KSPHA	SNR=34		
KSPHA	Phang	11.45	258 P
KSPHA	SNR=27		
KSTBA	Taebaek	11.47	263 P
KSTBA	SNR=99		
KSTBA	Taebaek	11.47	263 P
KSTBA	SNR=99		
KSSK	Sokcho	11.54	269 P
KSSK	SNR=32		
KSSK	Sokcho	11.54	269 P
KSSK	SNR=32		
KSDGV	Daegwallycong	11.54	266 P
KSDGV	SNR=23		
KSDGV	Daegwallycong	11.54	266 P
KSDGV	SNR=23		
KSJES	JEONGSEON	11.61	265 P
KSJES	SNR=41		
JKIT	Kitakata	11.72	238 P
SEHB	SEOHWA	11.75	269 P
SEHB	SNR=128		
SEHB	SEOHWA	11.75	269 P
SEHB	SNR=128		
JNU	Nakatsue	11.80	241 Pn
JNU	comp=E, 5.0nm, 0.3s, baz=45, slow=7.2, SNR=67		
KSYOC	YEONGCHEON	11.84	257 P
KSYOC	SNR=11		
KSEUS	ULSEONG	11.91	260 P
KSEUS	SNR=95		
KSEUS	ULSEONG	11.91	260 P
KSEUS	SNR=95		
KSJJA	INJE	11.92	268 P
KSJJA	SNR=71		
KSJJA	INJE	11.92	268 P
KSJJA	SNR=71		
KSDAG	Daegu	11.96	257 P
KSDAG	SNR=17		
KSDAG	Daegu	11.96	257 P
KSDAG	SNR=17		
KSEUS	Busan	12.00	254 P
KSEUS	SNR=13		
KSEUS	Busan	12.00	254 P
KSEUS	SNR=13		
KSJWU	Wonju	12.09	265 P
KSJWU	SNR=30		
JTU	Tsushima	12.11	250 P
KSRK	Korea Array	12.18	265 Pn
KSRK	comp=E, 2.7nm, 0.3s, baz=80, slow=13, SNR=75		
KSRK			Sn
KSRK	comp=Z, 68, slow=22, SNR=2.0		
KSRK	Korea Array	12.18	265 P
KSRK			Pn
KSRK			05 55 52.3
KSRK			pmax
KSRK			pmax
KSCHC	Chuncheon	12.19	267 P
KSCHC	SNR=55		
KSAR	Wonju Array Be	12.21	265 P
KSAR			Pn
KSAR	Wonju Array Be	12.21	265 Pn
KSAR			Sn
KSAR			05 55 52.3
KSAR			+0.9
KSCHJ	Chungju	12.29	263 P
KSCHJ	SNR=65		
KSCHJ	Chungju	12.29	263 P
KSCHJ			

Table with columns for call sign, name, frequency, mode, and various status indicators. Includes stations like KIV, KISLOVODSK, SEAG, TBLG, etc.

Table with columns for call sign, name, frequency, mode, and various status indicators. Includes stations like IKOM, YFT, KOMASI, etc.

Table with columns for call sign, name, frequency, mode, and various status indicators. Includes stations like SUSE, CIS, D25A, J20A, etc.

10d 5h

2010 AUG

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IRM	Iron Mountain	77.02	56	P	P	06 02 28.5 -0.2	TAHT Tahtakopru-Hat	79.03 308	eP	P	06 02 41.3 +1.5	J31A	Geddes	80.39	41	P	P	06 02 47.2 +0.1	
RSSD	Black Hills	77.07	43	eP	P	06 02 29.9 +0.9	YURE YUREGIR	79.07 309	iP	P	06 02 39.4 +0.6	BZS	Buzias	80.46	323	iP	P	06 02 47.1 -0.2	
RSSD	Black Hills	77.07	43	eP	P	06 02 29.9 +0.9	DRGR	79.08 323	iP	P	06 02 40.4 +0.5	I32A	Karley and Nic	80.50	40	P	P	06 02 47.3 -0.3	
E26A	Huff	77.08	39	P	P	06 02 28.9 +0.1	I29A	Vivian Onida	79.08 41	P	P	06 02 40.4 +0.5	BOLV	Bolvadin	80.54	313	iP	P	06 02 48.2 +0.1
BC3	Big Chuckawall	77.14	57	P	P	06 02 29.5 0.0	MORC	Moravsky Berou	79.11 328	eP	P	06 02 40.4 +0.4	ULDT	Uludag	80.57	315	iP	P	06 02 48.1 -0.1
K23A	Bowen Ranch, D	77.23	45	P	P	06 02 28.9 -0.5	MORC	Moravsky Berou	79.11 328	iP	P	06 02 40.5 +0.4	ZALF	Zalf	80.58	305	eP	P	06 02 48.8 +0.5
TOS	Tosya	77.24	313	eP	P	06 02 32.5 +2.7	MORC	Moravsky Berou	79.11 328	eP	P	06 02 40.4 +0.4	P26A	Davis Ranch, A	80.58	46	P	P	06 02 48.7 +0.4
TLCR		77.23	319	iP	P	06 02 30.7 +1.1	ISCO	Idaho Springs	79.14 47	eP	P	06 02 41.7 +1.0	SDCO	Great Sand Dun	80.60	48	eP	P	06 02 49.1 +0.5
J24A	Dixon Ranch, L	77.28	44	P	P	06 02 30.0 -0.1	ISCO	Idaho Springs	79.14 47	eP	P	06 02 41.3 +0.6	O27A	Beecher Island	80.62	45	P	P	06 02 48.9 +0.4
D29A	Pettibone, Tap	77.28	39	P	P	06 02 30.2 +0.4	ISCO	Idaho Springs	79.14 47	eP	P	06 02 41.7 +1.0	TANN	Tannenbergha	80.63	331	eP	P	06 02 48.3 +0.1
G27A	Dupree	77.30	41	P	P	06 02 30.0 0.0	HLG	Helgoland	79.16 335	eP	P	06 02 41.0 +1.0	EDRB	Edirne	80.65	317	eP	P	06 02 48.8 +0.4
BURAR	Bucovina Array	77.30	322	iP	P	06 02 30.4 +0.3	DPG	Dobruska-Polom	79.17 329	iP	P	06 02 41.0 +0.7	ESY	Stoneypath	80.66	341	eP	P	06 02 47.4 -0.8
IBP	Imperial Bould	77.34	58	P	P	06 02 32.0 +1.5	DPG	Dobruska-Polom	79.17 329	iP	P	06 02 48.3 -0.3	WERD	Werda	80.66	331	eP	P	06 02 48.5 +0.1
C30A	Mose, Pekin	77.35	38	P	P	06 02 30.5 +0.2	DPG	Dobruska-Polom	79.17 329	iP	P	06 02 41.0 +0.7	PLN	Plauen	80.69	331	eP	P	06 02 48.7 +0.2
SWSC	Sam W. Stewart	77.36	58	P	P	06 02 30.9 +0.3	KRCL	Kraliky	79.19 328	eP	P	06 02 48.3	M29A	Burnside Ranch	80.70	43	P	P	06 02 48.8 0.0
H26A	Fairpoint	77.39	42	P	P	06 02 31.1 +0.5	KRCL	Kraliky	79.19 328	eP	P	06 02 49.3 +0.7	GUNZ	Gunzen	80.72	331	eP	P	06 02 49.0 +0.3
ILGA	Ilgascani	77.39	313	iP	P	06 02 32.0 +1.1	KRCL	Kraliky	79.19 328	eP	P	06 02 48.8 +0.3	MOX	Moxa	80.76	331	eP	P	06 02 49.0 +0.1
TESR	Tescani	77.39	321	iP	P	06 02 30.7 +0.2	MVCO	Mesa Verde	79.20 51	P	P	06 02 41.7 +0.7	IBBN	Ibbenburg	80.77	334	eP	P	06 02 48.9 +0.1
PINB	Pinarbasi	77.39	310	iP	P	06 02 31.7 +0.8	MVCO	Mesa Verde	79.20 51	eP	P	06 02 41.9 +1.0	WERN	Wernitzgrun	80.77	331	eP	P	06 02 49.4 +0.5
O20A	White River Ci	77.42	48	eP	P	06 02 32.6 +1.6	MDOB	Mudurnu	79.20 314	eP	P	06 02 42.0 +1.3	NKC	Novy Kostel	80.78	330	iP	P	06 02 49.1 +0.1
O20A	White River Ci	77.42	48	eP	P	06 02 32.6 +1.6	YAYL	Yayladag	79.30 308	iP	P	06 02 41.4 0.0	NKC	Novy Kostel	80.78	330	iP	P	06 02 56.7 +0.8
CORM	Corum	77.45	312	eP	P	06 02 32.6 +1.5	MCD	McDonald Disti	79.32 342	iP	P	06 02 40.0 -0.9	NKC	Novy Kostel	80.78	330	iP	P	06 02 49.1 +0.1
GZT	Gaziantep	77.55	308	iP	P	06 02 33.1 +1.4	M26A	McRoberts Ranc	79.37 44	P	P	06 02 43.0 +1.3	NKC	Novy Kostel	80.78	330	iP	P	06 02 56.7
PDMC1	Parker Dam,Lak	77.58	56	P	P	06 02 32.3 +0.5	L27A	T5 Ranch, Ellis	79.39 44	P	P	06 02 42.7 +0.9	N28A	Pribbeno Ranch	80.78	44	P	P	06 02 49.4 +0.1
CFR	Garcaliu	77.59	319	iP	P	06 02 32.7 +1.2	SULT	Sultanhani-AKS	79.41 311	eP	P	06 02 43.2 +1.3	J32A	Parkston	80.78	40	P	P	06 02 49.4 +0.3
E29A	Napoleon	77.60	39	P	P	06 02 31.6 -0.1	OUZ	Omaha	79.41 155	eP	P	06 02 42.8 +1.3	I33A	Coleman	80.81	39	P	P	06 02 49.9 +0.6
K24A	Anderson Ranch	77.61	44	P	P	06 02 32.2 +0.3	AUMH	Mihalickic	79.45 313	iP	P	06 02 41.9 -0.3	EAB	Aberfoyle	80.83	342	eP	P	06 02 49.0 -0.1
D30A	Buchanan	77.65	38	P	P	06 02 32.2 +0.3	K28A	Ten Mile Ranch	79.45 43	P	P	06 02 42.9 +0.8	HDMB	Hadim	80.85	311	eP	P	06 02 49.2 -0.7
Y12C	Blythe	77.68	56	P	P	06 02 33.6 +1.3	WRDH	Warde	79.46 307	eP	P	06 02 41.9 -0.3	H34A	Spellman Lake,	80.85	38	P	P	06 02 49.7 +0.2
J25A	Sunshine Ranch	77.70	43	P	P	06 02 32.7 +0.3	MME1	Meikle Cairn	79.49 342	iP	P	06 02 41.3 -0.6	L30A	Spencer Hero	80.85	42	P	P	06 02 49.7 +0.1
KOLS	Kolonick sedl	77.70	325	eP	P	06 02 32.0 -0.2	J29A	Okreek	79.50 42	P	P	06 02 43.0 +0.7	TVSB	Tavsanli	80.87	314	eP	P	06 02 50.8 +1.0
KOLS	Kolonick sedl	77.70	325	eP	P	06 02 32.0 -0.2	PSZ	Piszkesteto	79.52 325	eP	P	06 02 42.5 +0.2	Q26A	Hugo	80.92	47	P	P	06 02 51.0 +0.9
KOLS	Kolonick sedl	77.70	325	eP	P	06 02 32.0 -0.2	PSZ	Piszkesteto	79.52 325	iP	P	06 02 43.0 +0.7	P27A	Ficken Ranch,	81.01	46	P	P	06 02 51.0 +0.4
H27A	Howes	77.74	42	P	P	06 02 33.0 +0.5	PSZ	Piszkesteto	79.52 325	eP	P	06 02 42.5 +0.2	O28A	Krutsinger Ran	81.05	45	P	P	06 02 51.2 +0.5
I26A	New Underwood	77.75	42	P	P	06 02 33.5 +0.8	PSZ	Piszkesteto	79.52 325	iP	P	06 02 43.0 +0.7	RAYN	Ar Rayn	81.06	293	P	P	06 02 50.6 -0.4
VRI	Vrincioaia	77.81	320	iP	P	06 02 33.2 +0.3	VYHS	Vyhne	79.55 326	eP	P	06 02 41.7 -0.7	GDZ	Geziz	81.11	314	iP	P	06 02 50.8 -0.3
OJC	Ojcow	77.83	327	eP	P	06 02 32.8 0.0	VYHS	Vyhne	79.55 326	eP	P	06 02 41.7 -0.7	MANZ	Manzenberg	81.11	331	iP	P	06 02 51.0 +0.2
OJC	Ojcow	77.83	327	eP	P	06 02 32.8 0.0	VYHS	Vyhne	79.55 326	eP	P	06 02 41.7 -0.7	EDC	Edinick	81.12	316	eP	P	06 02 51.6 +0.6
KMRS	Kahramanaras	77.86	309	eP	P	06 02 34.9 +1.6	IOA0	Oacoma	79.60 41	P	P	06 02 43.4 +0.6	BRBR	Barbar	81.12	306	eP	P	06 02 52.2 +0.8
PLOR	Plostin	77.86	320	iP	P	06 02 34.8 +1.6	HUMR	Humele	79.63 320	iP	P	06 02 43.4 +0.5	BAGO	Eggridir - ISPA	81.13	312	iP	P	06 02 51.2 0.0
UZH	Uzhgorod	77.92	324	eP	P	06 02 32.8 -0.5	RABH	Abou Rabah	79.67 306	eP	P	06 02 45.6 +2.3	ECSD	EROS Data Cent	81.13	39	P	P	06 02 51.0 0.0
UZH	Uzhgorod	77.92	324	eP	P	06 02 32.8 -0.5	BRG	Berggiesshubel	79.70 330	iP	P	06 02 43.0	ECSD	EROS Data Cent	81.13	39	eP	P	06 02 50.3 -0.7
GLA	Glamis	77.93	57	eP	P	06 02 34.1 +0.3	BRG	Berggiesshubel	79.70 330	iP	P	06 02 43.2 0.0	DIM	Dimetrovgrad	81.14	318	eP	P	06 02 52.9 +1.9
GLA	Glamis	77.93	57	eP	P	06 02 34.8 +1.0	BRG	Berggiesshubel	79.70 330	iP	P	06 02 43.0 0.0	SOP	Sopron	81.14	327	iP	P	06 02 52.1 +1.2
GLA	Glamis	77.93	57	eP	P	06 02 34.1 +0.3	BRG	Berggiesshubel	79.70 330	iP	P	06 02 43.2 0.0	L31A	Butterfield Fa	81.15	42	P	P	06 02 51.4 +0.2
GLA	Glamis	77.93	57	eP	P	06 02 34.1 +0.3	BRG	Berggiesshubel	79.70 330	iP	P	06 02 43.2 0.0	PGBU	Glenfirbraes	81.21	342	eP	P	06 02 51.6 +0.5
GLA	Glamis	77.93	57	eP	P	06 02 34.1 +0.3	BRG	Berggiesshubel	79.70 330	iP	P	06 02 43.2 0.0	UBBA	Unterbreizbach	81.22	332	eP	P	06 02 50.6 -0.5
GLA	Glamis	77.93	57	eP	P	06 02 34.1 +0.3	BRG	Berggiesshubel	79.70 330	iP	P	06 02 43.2 0.0	KHC	Kasperske Hory	81.23	329	iP	P	06 02 51.7 +0.3
GLA	Glamis	77.93	57	eP	P	06 02 34.1 +0.3	BRG	Berggiesshubel	79.70 330	iP	P	06 02 43.2 0.0	KHC	Kasperske Hory	81.23	329	iP	P	06 02 51.7 +0.3
GLA	Glamis	77.93	57	eP	P	06 02 34.1 +0.3	BRG	Berggiesshubel	79.70 330	iP	P	06 02 43.2 0.0	KHC	Kasperske Hory	81.23	329	iP	P	06 02 51.7 +0.3
GLA	Glamis	77.93	57	eP	P	06 02 34.1 +0.3	BRG	Berggiesshubel	79.70 330	iP	P	06 02 43.2 0.0	KHC	Kasperske Hory	81.23	329	iP	P	06 02 51.7 +0.3
GLA	Glamis	77.93	57	eP	P	06 02 34.1 +0.3	BRG	Berggiesshubel	79.70 330	iP	P	06 02 43.2 0.0	KHC	Kasperske Hory	81.23	329	iP	P	06 02 51.7 +0.3
GLA	Glamis	77.93	57	eP	P	06 02 34.1 +0.3	BRG	Berggiesshubel	79.70 330	iP	P	06 02 43.2 0.0	KHC	Kasperske Hory	81.23	329	iP	P	06 02 51.7 +0.3
GLA	Glamis	77.93	57	eP	P	06 02 34.1 +0.3	BRG	Berggiesshubel	79.70 330	iP	P	06 02 43.2 0.0	KHC	Kasperske Hory	81.23	329	iP	P	06 02 51.7 +0.3
GLA	Glamis	77.93	57	eP	P	06 02 34.1 +0.3	BRG	Berggiesshubel	79.70 330	iP	P	06 02 43.2 0.0	KHC	Kasperske Hory	81.23	329	iP	P	06 02 51.7 +0.3
GLA	Glamis	77.93	57	eP	P	06 02 34.1 +0.3	BRG	Berggiesshubel	79.70 330	iP	P	06 02 43.2 0.0	KHC	Kasperske Hory	81.23	329	iP	P	06 02 51.7 +0.3
GLA	Glamis	77.93	57	eP	P	06 02 34.1 +0.3	BRG	Berggiesshubel	79.70 330	iP	P	06 02 43.2 0.0	KHC	Kasperske Hory	81.23	329	iP	P	06 02 51.7 +0.3
GLA	Glamis	77.93	57	eP	P	06 02 34.1 +0.3	BRG	Berggiesshubel	79.70 330	iP	P	06 02 43.2 0.0	KHC	Kasperske Hory	81.23	329	iP	P	06 02 51.7 +0.3
GLA	Glamis																		

VTS	Vitoshia	81.92	320	P	P	06 02 53.8	-1.6
VTS	Vitoshia	81.92	320	P	P	06 02 53.8	-1.6
ANMO	Albuquerque	81.94	51	eP		06 02 56.8	+1.2
ANMO	comp-Z,12nm,1.0s				pmax		
ANMO	Albuquerque	81.94	51	eP		06 02 57.1	+1.4
O30A	MW Ranch, Wils	81.94	44	P	P	06 02 55.6	+0.2
GCD	Castle Douglas	81.94	342	eP		06 02 54.8	-0.2
KULA	Kula-Mania	81.97	314	eP		06 02 56.3	+0.7
MOA	Molin	81.97	322	iP		06 02 55.6	+0.2
KESW	Keswick, Cumbr	81.98	341	eP		06 02 55.5	+0.3
KESW	comp-Z,195nm,3.1s				AMB	06 02 56.6	
BEHE	Becsehely	82.00	326	iP		06 02 55.6	+0.1
BGNE	Belgrade	82.06	42	P	P	06 02 56.2	+0.2
BGNE	Belgrade	82.06	42	eP		06 02 55.9	-0.1
N31A	Bailey Ranch,	82.06	43	P	P	06 02 56.2	+0.2
J35A	Milford	82.09	39	P	P	06 02 55.9	-0.2
T26A	Comanche Natio	82.09	48	P	P	06 02 56.8	+0.4
GAL1	Galloway	82.13	342	eP		06 02 55.8	-0.2
GAL1	comp-Z,171nm,2.9s				AMB	06 02 56.9	
S27A	Las Animas	82.14	47	P	P	06 02 56.6	0.0
K34A	Le Mars	82.16	40	P	P	06 02 56.7	+0.2
HPK	Havahar Park	82.17	340	eP		06 02 56.1	-0.1
HPK	comp-Z,180nm,3.0s				AMB	06 02 59.1	
LPM	Los Pinos Mts	82.26	52	eP		06 02 57.0	-0.3
TNS	Taunus Mts	82.27	333	eP		06 02 56.8	-0.1
R28A	Tribune	82.29	46	P	P	06 02 57.2	0.0
P30A	Selden	82.29	44	P	P	06 02 57.1	-0.1
O31A	Woolen Ranch,	82.35	43	P	P	06 02 57.1	-0.4
Q29A	Oakley	82.36	45	P	P	06 02 57.2	-0.4
DIVS	Divbare	82.36	323	iP		06 02 57.4	-0.1
DIVS	Divbare	82.36	323	eP		06 02 57.3	-0.6
BNM	Barren Site	82.38	52	eP		06 02 58.5	+0.6
MMB	Musomiste	82.40	319	eP		06 02 59.0	+1.3
KAVA	Kavala	82.43	318	eP		06 02 57.8	0.0
M33A	Taylor Creek F	82.43	41	P	P	06 02 57.7	-0.1
N32A	Stulken Farm,	82.45	42	P	P	06 02 57.9	-0.1
ELL	Elmali	82.50	312	eP		06 02 59.1	+0.7
NVR	Neurokopi	82.50	319	eP		06 02 58.1	-0.2
NVR	Neurokopi	82.50	319	eP		06 02 55.2	-3.1
KKB	Krupnik	82.52	319	eP		06 02 59.8	+1.5
L34A	Svendens Farm,	82.55	40	P	P	06 02 58.5	0.0
K35A	Storm Lake	82.56	39	P	P	06 02 58.6	+0.1
SOKA	Sothob	82.58	327	iP		06 02 58.7	+0.1
SOKA	comp-Z,137nm,0.9s,SNR=64						
LHO	Holmhirth	82.60	340	eP		06 02 58.3	-0.2
R29A	Marienhof	82.60	46	P	P	06 02 59.1	+0.2
SCHO	Schefferville	82.61	17	P	P	06 02 58.4	-0.2
RJOB	Jochberg	82.66	329	eP		06 02 59.6	+0.6
RJOB	comp-Z,158nm,1.5s						
T27A	Campo	82.67	47	P	P	06 02 59.7	+0.3
Q30A	Quinter	82.71	45	P	P	06 02 59.3	-0.1
BEBN	Eben Enael	82.74	334	P	P	06 02 59.2	-0.1
121A	Cookes Peak, D	82.75	54	P	P	06 03 01.3	+1.3
S28A	Manter	82.77	47	P	P	06 02 59.9	+0.1
P31A	Stockton	82.78	44	P	P	06 02 59.6	-0.1
COWI	Conover	82.78	34	eP		06 02 58.9	-0.7
MEM	Membach	82.79	334	eP		06 02 59.0	-0.5
MEM	Membach	82.79	334	eP		06 02 59.9	+0.4
MEM	comp-Z,57nm,1.0s				pmax		
MEM	Membach	82.79	334	eP		06 02 59.9	+0.4
M34A	Aspy Farms, F	82.79	41	P	P	06 02 59.7	0.0
AYDB	Zeytinokoy-Aydi	82.80	314	eP		06 03 00.3	+0.3
SRS	Serral	82.81	319	eP		06 02 59.7	-0.2
SRS	Serral	82.81	319	eP		06 02 57.9	+2.3
O32A	Brockman Farm,	82.83	43	P	P	06 03 00.1	+0.1
N33A	J Bar K, Exete	82.91	42	P	P	06 03 00.7	+0.4
FUR	Furstenfeldbru	82.91	330	eP		06 03 00.7	+0.5
OBKA	Obir	82.92	327	iP		06 03 00.2	-0.2
K28A	Koelnbrinsper	82.96	328	iP		06 03 00.8	+0.1
TBA	Walsh	82.98	47	P	P	06 03 01.4	+0.5
GMM	Mts of Mourne	83.00	342	eP		06 03 00.3	-0.2
AYDN	Tasoluk	83.01	314	iP		06 03 01.4	+0.4
SIGR	SIGRI	83.01	316	eP		06 03 01.4	+0.5
AKAS	Kas	83.03	312	iP		06 02 59.7	-1.5
U27A	Thompson Grove	83.06	48	P	P	06 03 01.5	+0.1
CBKS	Cedar Bluff	83.09	45	P	P	06 03 01.5	+0.1
P32A	Huittig Farm,	83.12	43	P	P	06 03 01.5	0.0
KNT	Kendrick	83.13	319	eP		06 03 01.1	-0.4
KNT	Kendrick	83.13	319	eP		06 02 59.5	-2.0
G31A	Ellis	83.14	44	P	P	06 03 01.4	-0.3
SOH	Sokhos	83.15	318	eP		06 03 01.8	+0.1
CWF	Charmwood Fore	83.17	339	eP		06 03 01.2	-0.2
CWF	comp-Z,117nm,2.8s					06 03 02.3	
R30A	Dighton	83.18	45	P	P	06 03 02.0	+0.1
VAY	Valandovo	83.18	319	eP		06 03 02.4	+0.7
VAY	Valandovo	83.18	319	eP		06 02 56.8	-4.9
VAY	Valandovo	83.18	319	eP		06 02 56.8	-4.9
VAY	Valandovo	83.18	319	eP		06 02 56.8	-4.9
S29A	Ulysses	83.18	46	P	P	06 03 02.4	+0.5
OUR	Ouranopolis	83.19	318	eP		06 03 01.5	-0.2
BCLA	Clavier	83.19	334	eP		06 03 01.2	-0.4
MYKA	Terra Mystica	83.20	328	iP		06 03 01.1	-0.7
STU	Stuttgart	83.20	331	eP		06 03 01.8	+0.1
STU	Stuttgart	83.20	331	eP		06 03 02.3	+0.6
STU	Stuttgart	83.20	331	eP		06 03 02.3	+0.6
URLA	Pizmir	83.22	315	iP		06 02 56.3	-5.8
PLE	Ijzevija	83.23	322	iP		06 03 02.4	+0.3
SKGO	Skopje	83.25	303	eP		06 03 02.1	-1.1
M35A	Neola	83.27	40	P	P	06 03 02.3	+0.1
N34A	Lincoln	83.32	41	P	P	06 03 02.5	0.0
O33A	Hebron	83.32	42	P	P	06 03 02.3	+0.7
IVA	Berane	83.34	322	iP		06 03 03.0	+0.4
URZ	Urewera	83.34	154	eP		06 03 02.7	+0.4
WME	Myndd Eilian	83.37	341	eP		06 03 00.8	-1.6
WPM1	Penmaenmawr	83.39	341	eP		06 03 02.1	-0.4
T29A	Hugoton	83.41	47	P	P	06 03 03.4	+0.2
PLG	Polygyros	83.43	318	eP		06 03 02.9	-0.2
PLG	Polygyros	83.43	318	eP		06 03 02.4	-0.7
U28A	Mallet	83.44	48	P	P	06 03 03.6	+0.3
SNF	Senefte	83.45	335	eP		06 03 02.6	-0.3
HORT	Horiatias	83.45	318	eP		06 03 02.1	-0.7
HORT	Horiatias	83.45	318	eP		06 02 59.3	-3.9

WATA	Walderalm	83.47	329	iP		06 03 03.2	-0.1
THE	Thessaloniki	83.49	319	eP		06 03 02.8	-0.5
CHOS	Chios Island	83.50	315	eP		06 03 03.7	+0.2
WTTA	Waltenberg	83.50	329	iP		06 03 03.7	+0.2
PVY	Plav	83.52	322	eP		06 03 03.2	-0.4
V27A	Dan Oppiter Fa	83.52	48	P	P	06 03 04.2	+0.5
S30A	Bonzuma	83.53	46	P	P	06 03 04.2	+0.5
WLF	Wallerfange	83.54	334	eP		06 03 03.9	+0.5
WLF	Wallerfange	83.54	334	eP		06 03 03.9	+0.5
WLF	Wallerfange	83.54	334	eP		06 03 04.0	+0.5
FOEL	Foel Wyfla	83.54	340	eP		06 03 03.4	0.0
FOEL	comp-Z,199nm,2.1s				AMB	06 03 06.1	
UPM	Unac-Piva	83.55	323	iP		06 03 04.2	+0.3
YLL	Llanbers	83.57	341	eP		06 03 03.5	0.0
ABTA	Abtaltersbach	83.57	328	iP		06 03 02.9	-0.9
R31A	Buitt	83.58	45	P	P	06 03 03.9	0.0
Q32A	Meitler Ranch,	83.60	44	P	P	06 03 04.2	+0.2
PAIG	Pailouri	83.64	318	eP		06 03 03.3	-0.8
PAIG	Pailouri	83.64	318	eP		06 03 01.8	-2.3
MOTA	Mosalm	83.65	330	iP		06 03 04.1	-0.1
RETA	Reutte	83.66	330	iP		06 03 04.4	+0.2
O34A	Beatrice	83.71	42	P	P	06 03 04.4	-0.1
P33A	Williams Farm,	83.73	43	P	P	06 03 04.9	+0.2
N35A	Taber	83.74	41	P	P	06 03 04.5	-0.1
YRE	Yr Eifi	83.78	341	eP		06 03 04.0	-0.5
HLM1	Long Mynd	83.80	340	AMB	AMB	06 03 04.5	
HLM1	comp-Z,131nm,2.8s					06 03 04.5	
NKY	Niksic	83.81	322	eP		06 03 04.3	-0.8
NKME	Niksic	83.86	322	iP		06 03 04.6	-0.7
V28A	Channing	83.88	48	P	P	06 03 06.0	+0.5
BFO	Black Forest	83.89	332	eP		06 03 05.3	0.0
BFO	Black Forest	83.89	332	eP		06 03 05.2	0.0
BFO	Black Forest	83.89	332	eP		06 03 05.0	-0.3
ARG	Arkhangelos	83.89	313	eP		06 03 06.0	+0.5
T30A	Plains	83.92	46	P	P	06 03 06.4	+0.7
U29A	Black Ranch, S	83.93	47	P	P	06 03 06.1	+0.4
R32A	Long Quarter,	83.93	44	P	P	06 03 05.4	-0.3
BRY	Bratogost	83.96	323	iP		06 03 04.9	-1.0
PHP	Peshkopia	83.97	321	P	P	06 03 03.0	-2.9
PHP	Peshkopia	83.97	321	P	P	06 03 03.0	-2.9
PHP	Peshkopia	83.97	321	P	P	06 03 03.0	-2.9

Table of astronomical observations for 10d 6h, including columns for TXAR, Lajitas Array, and various station codes and times.

Table of astronomical observations for 2010 AUG, including columns for HNH, Hanover, and various station codes and times.

Table of astronomical observations for 506, including columns for VNU, Vanuatu Islands, and various station codes and times.

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

IDC 10 06:01:33.1.0.7, 17:72S:167.76E, h0km, mb4.6/11, mb1.4/9/11, mb1mx4.4/44, mbtmp4.6/11, Error ellipse: s-maj=24.6km s-min=20.7km az=119.0

ISCJB 10 06:01:35.2.0.6, 17:80S:167.65E:0.09, h19km, mb4.6/11, Error ellipse: s-maj=14.5km s-min=12.7km az=16.9

NEIC 10 06:01:38.9.0.3, 17:74S:167.69E, h35km, mbs.0/4, Error ellipse: s-maj=9.3km s-min=8.5km az=173.0

ISC 10 06:01:36.4.0.6, 17.7S:0.1x167.7E:0.1, h19km, n45, o:686/45, mb4.7/13, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Eidsvold, Charters Tower, Charters Tower, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NVAR Mina Array Bea, ILAR Eielson Array, ILAR Eielson Array, etc.

IDC 10 06:04:06.5.0.9, 39:33N:143.24E, h0km, mb4.2/20, mb1.4/3/20, mb1mx4.1/68, mbtmp4.2/20, Error ellipse: s-maj=21.8km s-min=18.1km az=156.0

ISCJB 10 06:04:08.7.1.5, 39.41N:0.04:143.39E:0.06, h26km, 10km, mb4.2/21, Error ellipse: s-maj=8.4km s-min=5.0km az=37.4

JMA 10 06:04:08.0.2.3, 39:36N:143.44E, h29km, 4km, M4.4, NEIC 10 06:04:12.3.1.0, 39:40N:143.28E, h38km, 6km, M4.4/1, Error ellipse: s-maj=7.4km s-min=7.4km az=128.0

ISC 10 06:04:10.0.1.5, 39.40N:0.06:143.35E:0.08, h21km, 17km, n60, o:120/66, mb4.2/21, Off east coast of Honshu

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

MAJO Matsushiro 4.96 236 ePn Pn 06 05 23.7 +0.4

MAT Matsushiro 4.96 236 ePn Pn 06 05 24.1 +0.8

MJAR Matsushiro Arr 4.96 236 ePn Pn 06 05 23.7 +0.5

USRK Ussuriysk Arr 9.74 303 ePn Pn 06 06 30.1 +1.4

KSRS Korea Array 12.25 266 ePn Pn 06 07 05.0 +1.9

SEY Seymchan 24.16 10 Pn Pn 06 09 25.2 +0.7

SOMN Songoing Array 27.83 300 Pn Pn 06 09 57.7 0.0

H1N2 WAKE ISLAND Hy 28.21 127 T T 06 09 32.4

H1N1 WAKE ISLAND Hy 28.22 127 T T 06 09 32.2

H1N3 WAKE ISLAND Hy 28.23 127 T T 06 09 32.2

H1S1 WAKE ISLAND Hy 29.02 129 T T 06 04 35.9

H1S3 WAKE ISLAND Hy 29.02 129 T T 06 04 36.8

H1S2 WAKE ISLAND Hy 29.04 129 T T 06 04 35.7

ZALV Zalesovo Beam 41.49 310 Pn Pn 06 11 54.8 -0.4

ZALV 4.96 236 ePn Pn 06 13 52.2 -0.2

CMAR Chiang Mai Arr 43.58 254 Pn Pn 06 12 12.0 -0.6

MJAR Makanchi Array 44.19 300 Pn Pn 06 12 16.9 -0.4

USRK Ussuriysk Arr 9.74 303 ePn Pn 06 12 29.4 +0.2

KURB Kurchatov Arr 45.78 306 Pn Pn 06 12 29.4 +0.4

ILAR Eielson Array 46.68 34 Pn Pn 06 12 37.0 -0.4

TAPN Tapingale 47.32 273 ePn Pn 06 12 42.8 +0.3

ODAN Odare 47.81 272 ePn Pn 06 12 45.4 -0.8

RAMN Ramite 48.38 273 ePn Pn 06 12 50.1 -0.5

GUN Gumbi 48.46 275 ePn Pn 06 12 51.5 -0.1

KKN Kakani 48.48 275 ePn Pn 06 12 54.8 -0.5

GKN Gorkha 49.37 275 ePn Pn 06 12 58.2 -0.0

TAKM2 Tokmak 2 49.87 297 ePn Pn 06 13 01.8 -0.1

ellipse: s-maj=26.3km s-min=16.8km az=99.0, ISCJB 10 06:08:01.4.0.7, 17:64S:0.06:168.1E:0.1, h27km, mb4.4/15, Error ellipse: s-maj=15.5km s-min=8.6km az=10.4

NEIC 10 06:08:04.1.0.5, 17:57S:168.13E, h35km, mbs.0/2, Error ellipse: s-maj=14.5km s-min=10.7km az=97.0

ISC 10 06:08:02.9.0.7, 17.61S:0.08:168.2E:0.1, h27km, n31, o:126/33, mb4.5/14, Vanuatu Islands

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

WRA Warramunga Arr 32.09 260 Pn Pn 06 14 26.2 -1.8

WRA 4.4m, 0.6s, baz=90, slow=9.0, SNR=5.2

ANAR Alice Springs 32.58 254 Pn Pn 06 14 31.4 -1.0

KNRA Kunuru 37.76 257 Pn Pn 06 15 16.9 -0.3

WRKA Warakura 37.77 252 Pn Pn 06 15 16.5 -0.5

MEEK Meskers Hory 46.54 250 Pn Pn 06 16 28.4 -0.1

KLBR Kellerberrin 47.52 243 Pn Pn 06 16 35.2 -0.9

NWAO Narogin (SRO) 48.08 241 Pn Pn 06 16 39.2 -1.2

VNDA Vanda 60.02 182 Pn Pn 06 18 07.2 +0.4

KSM Kuching 60.03 282 ePn Pn 06 18 07.5 -0.4

MJAR Matsushiro Arr 60.84 333 Pn Pn 06 18 12.2 -0.8

ASAJ Asahikawa 65.73 240 Pn Pn 06 18 45.9 +0.7

QSPA South Pole Qui 72.44 180 ePn Pn 06 19 27.0 +0.2

CMAR Chiang Mai Arr 76.91 294 Pn Pn 06 19 54.5 +1.2

SEY Seymchan 81.23 353 Pn Pn 06 20 16.4 +0.5

ULN Ulanbatar 84.96 324 ePn Pn 06 20 36.2 +0.4

SOMN Songoing Array 85.31 323 Pn Pn 06 20 37.8 +0.2

ILAR Eielson Array 88.98 18 Pn Pn 06 20 53.7 -1.1

MJAR Makanchi Array 98.37 316 Pn Pn 06 21 44.0 -1.1

ARCES ARCESS Array B 123.24 345 PKP Pn 06 26 56.2 -0.5

FINES FINES Array B 128.30 338 PKP Pn 06 27 06.5 -0.8

TORD Torodi Ar. Bea 166.25 343 PKP Pn 06 28 05.4 -1.1

TORD 1.3m, 1.0s, baz=99, slow=3.6, SNR=3.1

IDC 10 06:18:7.1.5, 17.61S:167.98E, h0km, mb4.4/8, mb1.4/2/9, mb1mx4.2/68, mbtmp4.4/8, Error ellipse: s-maj=27.3km s-min=27.6km az=106.0

ISCJB 10 06:08:21.9.1.4, 17.6S:0.2:167.9E:0.4, h27km, mb4.4/8, Error ellipse: s-maj=51.5km s-min=23.0km az=20.5

ISC 10 06:08:23.1.1.4, 17.6S:0.2:168.0E:0.4, h27km, n9, o:111/9, mb4.5/8, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, MJAR Matsushiro Arr, USRK Ussuriysk Arr, etc.

CMAR Chiang Mai Arr 76.72 294 Pn Pn 06 20 12.8 +0.4

MAW Mawson 79.48 202 Pn Pn 06 20 27.6 +0.7

SEY Seymchan 81.20 353 Pn Pn 06 20 35.6 +0.4

SOMN Songoing Array 85.18 324 Pn Pn 06 20 57.7 +0.6

ILAR Eielson Array 89.05 18 Pn Pn 06 21 15.1 -0.2

ARCES ARCESS Array B 123.18 345 PKP Pn 06 27 15.8 -1.0

IDC 10 06:08:28.7.1.2, 39:25N:143.42E, h0km, mb4.0/10, mb1.4/0/12, mb1mx3.8/64, mbtmp4.0/12, ML2.2/1, Error ellipse: s-maj=29.1km s-min=23.8km az=90.0

ISCJB 10 06:08:29.4.0.7, 39.40N:0.05:143.52E:0.06, h11km, KURB Kurchatov Arr 45.78 306 Pn Pn 06 12 29.4 +0.2

JMA 10 06:08:30.7.0.1, 39:38N:143.54E, h30km, M4.1, ISC 10 06:08:31.2.0.9, 39.42N:0.06:143.43E:0.07, h11km, n33, o:120/33, mb4.0/10, Off east coast of Honshu

AUST 10 06:07:55.6.16:50S:168.96E, h35km

IDC 10 06:07:58.9.0.8, 17.54S:168.06E, h0km, mb4.4/13, mb1.4/5/14, mb1mx4.2/46, mbtmp4.4/14, ML4.5/1, Error

Table with columns: AMUR, BULG, BULG, SGD, SGD, IGME, IGME, MMME, NOV, LK2D, LK2D, VLS, VLS, KFL, DSL, PDO, PDO, MEV, NEST, NEST, FNA, FNA, DRO, DRO, EPF, EPF, THF, THF, MAKR, MAKR, KALE, KALE, AGG, AGG, KLV, KLV, GUR, GUR, DSF, DSF, ITM, PYL, SJES, SJES, WIL2, WIL2, DID, DID, IVAS, VLI, BBLs, EREA, KYTH, KYTH, DIVS, TEKS

1007:48:51.9-0.9, 17:94S:167.12E, h0km, mb3.9/8, mb1.4/1.9, mb1mx4.0/2.7, mbtmp3.9/9, ML3.2/1, Error ellipse: s-maj=25.6km s-min=18.7km az=103.0

1007:48:53.6-0.6, 17:93S:107.167:22E:0.0, h20km, mb4.1/1.2, Error ellipse: s-maj=12.5km s-min=9.4km az=13.4

NEIC 1007:48:57.8-0.6, 17:99S:167.23E, h35km, mb4.4/4, Error ellipse: s-maj=15.5km s-min=14.1km az=157.0

ISC 1007:48:55.5-0.6, 17:92S:0.07:167.2E:0.1, h20km, n23, s139/24, mb4.1/1.1, Vanuatu Islands

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

1007:56:22.9-3.8, 17:54S:167.79E, h0km, mb3.9/4, mb1.4/0.5, mb1mx3.7/2.0, mbtmp3.9/5, ML3.7/1, Error ellipse: s-maj=80.4km s-min=39.5km az=99.0, Vanuatu Islands

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

1007:56:52.5-0.8, 17:48S:167.63E, h0km, mb4.1/1.1, mb1.4/3/1.2, mb1mx4.0/4.1, mbtmp4.1/1.2, ML3.8/1, Error ellipse: s-maj=25.6km s-min=18.7km az=103.0

ISCJB 1007:56:54.1-0.6, 17:48S:0.08:167.7E:0.1, h19km, mb4.2/1.4, Error ellipse: s-maj=14.3km s-min=12.1km az=8.7

NEIC 1007:56:57.9-0.4, 17:52S:167.66E, h35km, mb4.8/3, Error ellipse: s-maj=12.5km s-min=9.8km az=96.0

ISC 1007:56:55.6-0.7, 17:57S:0.08:167.7E:0.1, h19km, n25, s143/24, mb4.2/1.4, Vanuatu Islands

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

Table with columns: MTSU, QLP, STKA, WRAB, WRA, ASAR, VNA, MJAR, GSPA, CMAR, MAW, SEY, SOMN, NVAR, ILAR, SNA, VNA2, VNA1, ARCES, BFO, TOR

1007:58:02.4-0.8, 17:20S:167.91E, h0km, mb4.4/1.2, mb1.4/5/1.3, mb1mx4.2/4.1, mbtmp4.4/1.3, ML4.5/1, Error ellipse: s-maj=26.1km s-min=19.3km az=111.0

ISCJB 1007:58:05.2-0.5, 17:56S:0.06:167.88E:0.1, h27km, mb4.5/1.8, Error ellipse: s-maj=13.5km s-min=9.1km az=178.4

NEIC 1007:58:07.8-0.7, 17:46S:168.02E, h35km, mb4.5/9, Error ellipse: s-maj=15.2km s-min=13.5km az=100.0

ISC 1007:58:06.6-0.6, 17:51S:0.08:168.0E:0.1, h27km, n33, s144/34, mb4.4/1.7, 1C, Vanuatu Islands

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

1007:59:22.8-0.7, 37:91N:0.05:26.85E:0.07, h1km, 7km, Error ellipse: s-maj=10.7km s-min=4.6km az=139.6

DDA 1007:59:22.8, 37:91N:26.85E, h13km, MD2.6

ISK 1007:59:22.8, 37:93N:26.87E, h5km, MD2.4

CSEM 1007:59:23.0-1.1, 37:91N:26.86E, h12km, MD2.6, Error ellipse: s-maj=3.7km s-min=1.8km az=51.0

ISC 1007:59:23.0-1.1, 37:91N:0.04:26.86E:0.04, h15km, 12km, n19, s030/28, Dodecanese Islands

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

Table with columns: AKS, AKS, AKS, AKS

1008:02:51.0-0.7, 17:46S:167.63E, h0km, mb4.4/1.8, mb1.4/5/1.9, mb1mx4.4/4.0, mbtmp4.4/1.9, ML4.3/1, Error ellipse: s-maj=15.1km s-min=15.1km az=103.0

ISCJB 1008:02:53.0-0.4, 17:62S:0.05:167.74E:0.06, h19km, mb4.4/2.7, Error ellipse: s-maj=8.4km s-min=6.7km az=1.4

NEIC 1008:02:56.6-0.4, 17:57S:167.70E, h35km, mb4.8/1.7, Error ellipse: s-maj=9.5km s-min=9.0km az=125.0

BUI 1008:02:57.9, 17:93S:167.12E, h35km, mb4.8/2.1, MB5.6/1.0, Ms5.4/8, Ms7.5/1.8

AUST 1008:03:31.7, 17:95S:166.34E, h300km, ISC 1008:04:53.4-0.7, 17:58S:0.06:167.76E:0.08, h19km, n78, s139/86, mb4.6/2.5, 2C-2D, Vanuatu Islands

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

10d 9h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, Raoul Island, and DZM Mont Dzumac.

IDC 10 09:09:12.5:3.5, 17.455x167.50E, h0km, mb3.5/3, mb1 3.7/4, mb1mx3.5/31, mbtmp3.5/4, ML3.1/1, Error ellipse: s-maj=73.7km, s-min=40.5km, az=97.0, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, ODAN Odate, RAMN Ramite, and others.

IDC 10 09:10:18.1:26.0, 9.56N:91.65E, h0km, mb3.8/4, mb1 3.9/5, mb1mx3.5/55, mbtmp3.9/5, ML4.2/1, MS4.5/2, Ms1 4.4/2, ms1mx3.6/58, Error ellipse: s-maj=487.6km, s-min=60.6km, az=167.0

ISC 10 09:10:13.9:5.4, 8.6N:105.921E:0.03, h24km, n17, c1940/8, mb3.9/4, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KAPI Kappang, SONMG Songoing Array, KURBB Kurchatov Arra, and others.

ATH 10 09:19:20.0, 39.37N:20.53E, h14km, MD3.5/3, THE 10 09:19:20.2, 39.37N:20.55E, h0km, 2km, ML3.1/9, Error ellipse: s-maj=2.1km, s-min=0.7km, az=242.0

CSEM 10 09:19:20.0-0.1, 39.36N:20.53E, h2km, ML3.1, Error ellipse: s-maj=3.1km, s-min=1.1km, az=78.0

ISC 10 09:19:20.3:0.9, 39.37N:0.01:20.53E:0.02, h7km, 8km, n134, c0770/193, Greece-Albania border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IGT Igoumenitsa, SGT Sagiada, JAN Janina, and others.

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Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KFL Anninata, MAKFR Makrakomi, KZN Kozani, and many others.

IDC 10 09:20:36.8:1.1, 17.64S:167.81E, h0km, mb4.0/9, mb1 4.2/10, mb1mx4.1/20, mbtmp4.1/10, ML4.3/1, Error ellipse: s-maj=32.7km, s-min=21.8km, az=116.0

ISCJB 10 09:20:38.5:0.9, 17.64S:167.6E:0.1, h19km, mb4.0/10, Error ellipse: s-maj=19.4km, s-min=9.1km, az=177.7

NEIC 10 09:20:42.3:0.7, 17.64S:167.72E, h35km, mb4.3/2, Error ellipse: s-maj=16.2km, s-min=12.0km, az=88.0

ISC 10 09:20:40.1:0.9, 17.63S:167.7E:0.2, h19km, n18, c096/19, mb4.1/10, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, HNR Honiara, CTA Charters Tower, and others.

TORD Torodi Ar. Bea 165.82 254 PKP PKPdf 09 40 44.5 -0.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TOROD Torodi Ar. Bea, IDC 10 09:21:47.5:0.7, NEIC 10 09:21:53.4:0.5, AUST 10 09:22:06.3, and many others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Neumayer-Stat, Urumqi, Pinedale Array, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LDF, La Druitiere, Signal de Mont, etc.

IDC 10 09:23:53.7±18.0, 16.66S; 167.81E, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.7/1.9, mbtmp3.9/3, Error ellipse: s-maj=524.7km az=57.5km az=130.0, Vanuatu Islands

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

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

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

ISCJB 10 09:25:47.0±2.0, 51.43N; 0.02±6.36E; 0.02, h0km, Error ellipse: s-maj=2.7km s-min=1.8km az=140.1

ISCJB 10 09:25:48.7±0.2, 51.49N; 6.47E, h1km, ML3.7/28, Error ellipse: s-maj=3.3km s-min=2.3km az=151.0

ISCJB 10 09:25:48.9±0.9, 51.49N; 6.55E, h1km, ML3.0 BNS 10 09:25:48.9±0.9, 51.52N; 6.58E, h1km, ML2.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BRHE, Rheinberg, LAUG, Laupendahl, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CDF, Champ du Feu, MEZF, Maizeries J'vi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DPC, Saint Martin d, MFF, etc.

ISCJB 10 09:25:50.4±0.3, 51.48N; 6.62E, h1km, ML3.1/13, Error ellipse: s-maj=4.4km s-min=2.2km az=127.0

ISCJB 10 09:25:55.0±0.2, 51.19N; 6.52E, h5km, ML3.1, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

ISCJB 10 09:25:47.8±0.7, 51.49N; 0.02±6.48E; 0.02, h0km, n171, ±120/290, 2C-4D, Germany

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RWB, Wassenberg, BUG, Bochum-Univer, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MOX, Moxa, BFO, Black Forest, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VIVF, Saint-Julien-l, MBDF, Montbardon, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SPAK, Spaichingen-Ko, NKCC, Novy Kostel, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like QUIF, Quistinic, LFF, La Frestale, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GSH, Grosshau, HGN, Heimgangroev, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LOR, Lormes, BRG, Bergshubel, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DREG, Dreilaegerbach, KLL, Kalltalsperre, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SFF, Saint Saugle, CABF, La Chapelle, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CABF, La Chapelle, HYF, Humbligny, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KHC, Kasperske Hory, AVF, Avril sur Loir, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AVF, Avril sur Loir, AVF, etc.

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

IDC 10 09:26:14.2±1.6, 17.48S; 167.81E, h0km, mb4.2/5, mb1 4.3/6, mb1mx3.9/4.2, mbtmp4.1/6, ML3.6/1, Error ellipse: s-maj=51.0km s-min=25.2km az=115.0

ISCJB 10 09:26:15.7±2.2, 17.68S; 0.1±16.79E; 0.4, h27km, mb4.1/5, Error ellipse: s-maj=51.6km s-min=15.7km az=6.3

ISC 10 09:26:17.9±1.5, 17.6S; 0.1±16.79E; 0.3, h27km, n9, ±050/9, mb4.1/5, Vanuatu Islands

IDC 10 09:31:11.9±16.0, 17.46S; 168.27E, h0km, mb3.9/4, mb1 4.1/5, mb1mx3.7/4.0, mbtmp4.0/5, ML3.9/1, MS3.7/1, Error ellipse: s-maj=54.3km az=68.0, Vanuatu Islands

ISCJJB 10 09:31:35.1,0.5,16.9S;0.1,1.73;9W;0.1,h35km,mb4.1/16, Error ellipse: s-maj=18.4km s-min=10.8km az=39.7

NEIC 10 09:31:36.4,0.4,16.94S;1.73;74W,h35km,mb4.2/2, Error ellipse: s-maj=12.5km s-min=9.6km az=139.0

IDC 10 09:31:37.5,3.3,16.88S;1.73;79W,h42km,30km,mb3.9/13, mb1.4,1/4,mb1mx4.0/22,mbtmp4.1/14,ML4.7/1, Error ellipse: s-maj=23.8km s-min=15.1km az=134.0

ISC 10 09:31:36.3,0.5,16.88S;0.09;173.68W;0.09,h35km,n28,r=124/24,mb4.2/16, Tonga Islands

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time Res, h m s, ISC. Rows include stations like AFI Afiamalu, AFI Afiaratu, AFI Afiaratu, RAR Rarotonga, etc.

IDC 10 09:34:05.1,0.1,39.30N;73.65E,h0km,mb3.9/9, mb1.4,1/16,mb1mx3.8/54,mbtmp4.0/16,ML3.4/7, Error ellipse: s-maj=18.1km s-min=14.6km az=157.0

KRNET 10 09:34:07.0,0.1,39.51N;73.66E,mb4.7, NNC 10 09:34:08.2,0.9,39.54N;73.60E,h0km,mb4.5,mpv4.1, Error ellipse: s-maj=10.8km s-min=4.7km az=90.0

NEIC 10 09:34:10.6,0.9,39.47N;73.57E,h35km,mb4.2/1, Error ellipse: s-maj=14.3km s-min=11.7km az=178.0

ISC 10 09:34:05.2,1.5,39.44N;0.05;73.73E;0.03,h0km,gkm,n56,r=161/62,mb3.9/9,17C-9D,Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time Res, h m s, ISC. Rows include stations like SFK Sufi-Kurgan, SFK Sufi-Kurgan, SFK Sufi-Kurgan, etc.

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time Res, h m s, ISC. Rows include stations like KK31 Karatay Array, KK31 Karatay Array, KK31 Karatay Array, etc.

IDC 10 09:34:18.2,3.0,17.88S;168.00E,h0km,mb4.2/6, mb1.4,3/7,mb1mx3.9/35,mbtmp4.2/7,ML3.4/1, Error ellipse: s-maj=68.0km s-min=32.7km az=108.0

ISCJJB 10 09:34:22.9,2.3,17.9S;0.1;167.7E;0.3,h32km,mb4.1/5, Error ellipse: s-maj=45.2km s-min=21.3km az=178.9

ISC 10 09:34:23.7,2.5,17.9S;0.2;167.9E;0.4,h32km,n7,r=43/7,mb4.2/5,Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time Res, h m s, ISC. Rows include stations like DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac, etc.

IDC 10 09:38:52.2,1.2,17.58S;167.82E,h0km,mb3.8/8, mb1.4,1/9,mb1mx3.8/34,mbtmp3.8/9,ML3.8/1, Error ellipse: s-maj=43.1km s-min=21.8km az=139.0

ISCJJB 10 09:38:54.2,1.0,17.9S;0.1;167.8E;0.2,h27km,mb3.8/7, Error ellipse: s-maj=26.6km s-min=14.5km az=27.0

ISC 10 09:38:55.9,1.0,17.9S;0.1;167.9E;0.2,h27km,n10,r=172/11,mb3.9/7,Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time Res, h m s, ISC. Rows include stations like DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac, etc.

NOU 10 09:53:50.9,1.5,17.55S;168.80E,h30km,MD3.9,ML3.3

IDC 10 09:53:52.0,0.6,17.53S;167.75E,h0km,mb4.5/20, mb1.4,7/20,mb1mx4.4/40,mbtmp4.5/20,MS4.6/14, Ms1 4.6/14,ms1mx4.2/42, Error ellipse: s-maj=18.9km s-min=15.1km az=108.0

ISCJJB 10 09:53:52.1,2.2,17.51S;0.03;167.73E;0.05,h15km;13km, mb4.8/59,MS4.5/14, Error ellipse: s-maj=7.8km s-min=4.9km az=3.0

MOS 10 09:53:56.2,1.1,17.51S;167.62E,h33km,mb5.1/21, Error ellipse: s-maj=11.6km s-min=9.0km az=13.3

BUI 10 09:53:57.1,1.7,17.0S;167.70E,h25km,mb4.9/40,mb5.3/27, Ms5.1/19,Ms7.4/7/19

NEIC 10 09:53:58.1,0.3,17.55S;167.71E,h35km,mb5.1/32, Error ellipse: s-maj=7.0km s-min=6.6km az=78.0

AUST 10 09:54:52.1,18.94S;165.78E,h450km

ISC 10 09:53:57.0,0.5,17.70S;0.03;167.31E;0.06,h31km;2km,n183,r=184/17,ms5.0/57,MS4.5/13,4C-3D,Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time Res, h m s, ISC. Rows include stations like LIFNC LIFOU, LIFNC LIFOU, BAVA Yate Dam, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like SBA, MJAR, MAJO, MAJG, MAJH, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ULN, YAK, YAK, YAK, YAK, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like PKM, PKM, PKM, PKM, etc.

ISCJB 10 09:54:52.0-0.8, 34.67N-120.36W-0.04, h10km, 4km, mb3.5/2, Error ellipse: s-maj=6.5km s-min=3.4km az=160.0
NEIC 10 09:54:52.7, 34.72N-120.43W, h10km, ML3.7(PAS), After PAS.
NEIC Felt [III] at Lompoc and [I] at Buellton, Santa Maria and

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like K30A Basset, ECSD EROS Data Cent, ECSD EROS Data Cent, J30A Dallas, etc.

IDC 10 11:13:38.2-3.1, 17.59S;167.37E, h0km, mb3.5/3, mb1 3.7/4, mb1mx3.5/28, mbtmp3.6/4, ML3.7/1, Error ellipse: s-maj=67.7km s-min=31.4km az=94.0, Vanuatu Islands

AUST 10 11:32:52.2-59.0, 17.44S;169.15E, h0km, mb2.0km, Error ellipse: s-maj=5.6km s-min=2.1km az=0.0 IDC 10 11:33:00.5-1.7, 17.95S;168.08E, h0km, mb4.1/8, mb1 4.3/8, mb1mx4.0/17, mbtmp4.1/8, Error ellipse: s-maj=64.1km s-min=22.9km az=140.0, ISCBJ 10 11:33:04.0-0.8, 17.75S;0.09;167.9E;0.1, h32km, mb4.0/11, Error ellipse: s-maj=15.9km s-min=12.6km az=8.5

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MAW Mawson, SONM Songino Array, ILAR Eielson Array, etc.

JMA 10 11:40:05.3-0.2, 39.17N;143.66E, h14km, 4km, M3.7, Off east coast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MIYJ Miyakonagasaki, OFUJ Ofunato, JTH Tanohata, etc.

AUST 10 11:41:09.2-48.0, 20.29S;173.05W, h410km, 5km, Error ellipse: s-maj=9.7km s-min=3.3km az=246.0 IDC 10 11:41:55.1-1.5, 21.20S;178.33W, h531km, 17km, mb3.6/17, mb1 3.8/20, mb1mx3.7/24, mbtmp4.6/20, Error ellipse: s-maj=15.2km s-min=11.0km az=152.0 ISCBJ 10 11:41:58.0-0.6, 21.12S;0.08;178.60W;0.09, h579km, mb4.1/18, Error ellipse: s-maj=12.3km s-min=9.7km az=34.0

ISC 10 11:41:59.4-0.6, 21.2S;0.1x178.49W;0.09, h579km, n37, e142;37, mb4.1/18, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AFI Afiamalu, DZM Mont Dzumac, NFK Norfolk Island, etc.

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

IDC 10 11:44:02.9-1.7, 17.39S;167.64E, h0km, mb4.2/7, mb1 4.4/8, mb1mx4.1/20, mbtmp4.2/8, ML4.4/1, Error ellipse: s-maj=44.2km s-min=21.6km az=112.0 ISCBJ 10 11:44:04.5-0.9, 17.42S;0.06;167.5E;0.2, h19km, mb4.3/10, Error ellipse: s-maj=26.2km s-min=9.2km az=3.9 NEIC 10 11:44:08.2-0.7, 17.45S;167.61E, h35km, mb4.8/3, Error ellipse: s-maj=24.0km s-min=14.0km az=97.0 ISCBJ 10 11:44:05.9-0.9, 17.41S;0.08;167.6E;0.2, h19km, n18, e150;19, mb4.5/10, Vanuatu Islands

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, MJAT Matsushiro Arr, SBA Scott Base, etc.

ROM 10 11:45:08.2-0.3, 40.48N;14.13E, h430km, 5km, M13.3/4/3, Error ellipse: s-maj=7.9km s-min=3.5km az=53.0 ISCBJ 10 11:45:13.6-0.2, 40.49N;0.04;13.97E;0.05, h400km, mb3.6/9, Error ellipse: s-maj=5.9km s-min=5.3km az=21.2 IDC 10 11:45:14.4-1.4, 40.55N;13.98E, h398km, 20km, mb3.2/10, mb1 3.1/19, mb1mx3.0/59, mbtmp3.9/19, Error ellipse: s-maj=16.1km s-min=10.6km az=121.0 CSEM 10 11:45:14.0-0.1, 40.49N;14.17E, h400km, ML3.3, Error ellipse: s-maj=6.3km s-min=3.5km az=60.0 ISCBJ 10 11:45:14.5-0.6, 40.48N;0.06;14.06E;0.06, h400km, n133, e088;139, mb3.6/9, 6C-27D, Southern Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PSB1 Pescocannita, PSB1 Pescocannita, SGG Gregorio Mates, etc.

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

Table with columns: ORI, Oriolo Calabro, 1.88 102 Pg Pn, 11 46 09.2 -0.5. Includes various station codes like ORI, T0106, CAR1, etc.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes entries like CRNS Crni Vrh, JAVS Javornik, etc.

Main table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes entries like GSI Gunungsitoli, PSI Prapat, etc.

Table with columns: WRKA Warakurna, 37.55 252 P P, 11 56 28.4 0.0. Includes various station codes like GUMU Guam, TBI Tubuai, etc.

10d 12h

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

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

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

10d 12h

Code	Station Name	Δ° AZ°	Phase ID	Time	Res	ISC	h	m	s	ISC
U69B	TALC		Op	12 20 45.6	-0.5					
U69B	TALC		Op	12 20 45.9						
	comp=E, 15um, 0.2s									
	TALC	0.79 156	eP	Pb	12 20 34.9	+0.4				
	TALC		eS	Pb	12 20 44.9	+0.1				
	LNV	0.88 36	eP	Pb	12 20 36.2	+0.1				
	U73B	0.91 34	eP	Pb	12 20 36.8	+0.0				
	U73B		eS	Pb	12 20 49.6	0.0				
	U73B		AML	AML	12 20 50.5					
	comp=E, 10um, 0.2s									
	LNCH	1.22 164	eP	Pb	12 20 41.9	+0.1				
	LNCH		eS	Pb	12 20 58.8	+1.5				
	CHCH	1.36 57	eP	Pb	12 20 40.5	+0.6				
	COCH	1.58 203	eP	Pb	12 20 47.2	-0.8				
	COCH		eS	Pb	12 21 04.5	-1.5				

ISC 10 12:22:09.4.3.5, 11.03S.166.88E, h0km, mb4.0/4, mb1 4.1/4, mb1mx3.7/21, mbtmp4.0/4, Error ellipse: s-maj=147.0km s-min=37.8km az=137.0, Santa Cruz Islands

Code	Station Name	Δ° AZ°	Phase ID	Time	Res	ISC	h	m	s	ISC
CTA	Charters Tower	21.79 243	Op	12 27 04.7	+1.6					
	3.2nm, 0.7s, baz=85, slow=13, SNR=3.6									
WRA	Warramunga Arr	32.53 250	P	12 28 42.4	0.0					
	0.6nm, 0.4s, baz=82, slow=9.3, SNR=18									
ASAR	Alice Springs	37.79 244	P	12 28 52.2	-1.2					
	0.7nm, 0.5s, baz=75, slow=7.0, SNR=5.3									
KURBB	Kurchatov Arr	37.9 320	P	12 35 44.3	-0.4					
	0.4nm, 0.3s, baz=110, slow=4.0, SNR=4.6									
ARCES	ARCES Array B	11.60 346	PKP	12 40 55.2	+0.2					
	0.6nm, 0.5s, baz=82, slow=1.9, SNR=5.5									

NIED 10 12:24:00.32.90N.132.50E, h29km, Mw4.3 Best double couple: M₃ 41000.1015 NP1.3.3.00000.844.00000.0, λ-106.00000. NP2.2.205.00000.848.00000.0, λ-75.00000.0

ISCJB 10 12:24:07.4.0.5, 32.86N.0.05:132.45E.0.04, h45km, 4km, mb3.9/18, MS3.6/2, Error ellipse: s-maj=7.7km s-min=5.2km az=169.6

JMA 10 12:24:08.1.32.87N.132.44E, h33km, M4.4 Broadband taut plane solution: P waves, NP1.3.3.355.00000.0, 865.00000.0, λ-119.00000.0, NP2.3.228.00000.0, 836.00000.0, λ-44.00000.0, Principal axes: P [Plg15.0000.0, Azm106.0000.0; N [Plg26.0000.0, Azm8.0000.0; P [Plg59.0000.0, Azm223.0000.0]

JMA Felt III J1
 IDC 10 12:24:10.6.1.4, 32.87N.132.37E, h58km, 12km, mb3.7/18, mb1 3.9/22, mb1mx3.8/34, mbtmp4.0/22, MS3.6/3, Ms1 3.7/3, ms1mx3.2/55, Error ellipse: s-maj=13.6km s-min=11.1km az=173.0

ISC 10 12:24:07.7.0.9, 32.84N.0.005:132.40E.0.03, h32km, 6km, n38, r1900/45, mb4.0/18, 3C-2D, Shikoku

Code	Station Name	Δ° AZ°	Phase ID	Time	Res	ISC	h	m	s	ISC
JTO	Tosashimizu	0.34 87	Op	12 24 15.7	-0.1					
JTO			Pb	12 24 21.2	-0.1					
UWA2	Uwa jima 2	0.42 26	Op	12 24 16.6	-0.4					
UWA2			Pb	12 24 22.7	-0.6					
JUS	Usuki	0.59 292	Op	12 24 20.1	+0.2					
JUS			Pb	12 24 28.7	+0.3					
JNA	Nagahama	0.72 5	P	12 24 21.2	-0.4					
JNA			Pb	12 24 30.4	-1.0					
JKU	Kubokawa	0.72 50	Op	12 24 21.2	-0.5					
JKU			Pb	12 24 30.2	-1.4					
JTSN	Tsuno	0.96 322	Op	12 24 26.4	-0.2					
JET	Tanbara	1.08 30	P	12 24 40.9	+0.4					
JEM			Pb	12 24 30.0	+0.4					
JHT	Kurahashi	1.30 5	P	12 24 31.3	-0.3					
JNU	Nakatsue	1.31 283	Op	12 24 48.6	+0.3					
	396nm, 0.3s, baz=152, slow=4.6, SNR=1156									
JNU			Pb	12 24 48.6	+0.3					
KSR5	Korea Arr	5.89 323	P	12 25 34.5	+1.8					
	1.4nm, 0.3s, baz=140, slow=12, SNR=21									
KSR5			Pb	12 26 41.0	+2.1					
MAT	Matsushiro	6.04 51	P	12 25 35.5	+0.7					
MAT			Pb	12 26 43.4	+0.6					
MJAR	Matsushiro Arr	6.04 51	P	12 25 36.0	+1.2					
	3.1nm, 0.3s, baz=239, slow=14, SNR=31									
JHJ	Hachijo jima 2	6.21 85	P	12 25 38.9	+1.8					
	12nm, 0.3s, baz=295, slow=17, SNR=12									
USRK	Utsuriyok Ar.	11.35 358	P	12 26 49.7	+2.2					
	0.1nm, 0.3s, baz=108, slow=19, SNR=26									
USRK			LR	12 31 11.0						
SOMN	Songino Array	24.69 315	P	12 29 25.1	-0.7					
	4.1nm, 0.8s, baz=124, slow=10, SNR=21									
PETK	Petrovlovsk	27.19 34	P	12 29 47.9	-0.3					
	2.3nm, 0.9s, baz=178, slow=38, SNR=3.1									
CMAR	Chiang Mai Arr	33.23 253	P	12 30 41.5	-0.5					
	0.5nm, 0.6s, baz=59, slow=8.0, SNR=3.2									
CMAR			LR	12 46 09.6						
H112	WAKE ISLAND Hy 33.41 104	T	12 30 37.6							
	baz=300, slow=75, SNR=21									
H111	WAKE ISLAND Hy 33.42 104	T	12 30 37.5							
	baz=300, slow=75, SNR=21									
H113	WAKE ISLAND Hy 33.43 104	T	12 30 38.6							
	baz=300, slow=75, SNR=20									
H113	WAKE ISLAND Hy 33.87 106	T	12 30 16.4							
	baz=304, slow=75, SNR=16									
H115	WAKE ISLAND Hy 33.89 106	T	12 30 16.2							
	baz=304, slow=75, SNR=16									
H112	WAKE ISLAND Hy 33.86 106	T	12 30 18.2							
	baz=304, slow=75, SNR=16									
ZALV	Zalesovo Beam	39.59 317	P	12 31 36.6	+1.1					
	0.4nm, 0.3s, baz=99, slow=9.2, SNR=3.0									
ZALV			PcP	12 33 41.8	-0.6					
	0.6nm, 0.4s, baz=72, slow=4.7, SNR=3.5									
ZALV			LR	12 49 00.2						
	comp=Z, 99nm, 19.3s, baz=70, slow=38									
KURBB	Kurchatov Arr	42.93 311	P	12 32 01.6	-1.6					
	0.3nm, 0.4s, baz=80, slow=11, SNR=5.0									
KURBB			PcP	12 33 53.1	-0.4					
	0.6nm, 0.3s, baz=89, slow=8.3, SNR=4.6									
BVAR	Borovyoye Array	48.03 314	P	12 32 42.4	-1.2					
	1.3nm, 0.8s, baz=98, slow=11, SNR=5.4									
BVAR			PcP	12 34 10.6	-0.6					
	1.0nm, 0.6s, baz=64, slow=3.4, SNR=4.6									
WRA	Warramunga Arr	52.52 178	P	12 33 18.0	+0.2					
	4.0nm, 0.7s, baz=354, slow=8.4, SNR=35									
ASAR	Alice Springs	56.21 178	P	12 33 45.2	+0.6					
	4.3nm, 0.8s, baz=63, slow=6.3, SNR=5.7									
ILAR	Eielson Array	56.91 30	P	12 33 49.7	+0.4					
	1.3nm, 0.8s, baz=268, slow=6.4, SNR=19									
ILAR			PcP	12 34 42.7	-1.7					
	1.2nm, 0.6s, baz=241, slow=4.9, SNR=10									
INK	Inuvik	61.39 25	P	12 34 21.1	+1.0					
	3.8nm, 0.8s, baz=292, slow=5.8, SNR=9.0									
ARCES	ARCES Array B	65.22 338	P	12 34 45.6	+0.1					
	0.8nm, 0.7s, baz=55, slow=7.8, SNR=3.3									
FINES	FINES Array B	69.92 330	P	12 35 08.0	-1.1					
	1.3nm, 0.6s, baz=90, slow=8.1, SNR=5.4									
YKA	Yellowknife Ar	71.07 27	P	12 35 23.0	+1.1					
	1.7nm, 0.8s, baz=305, slow=6.0, SNR=4.8									
NOA	NORSAR Array B	74.97 334	P	12 35 44.5	-0.9					
	1.3nm, 0.8s, baz=289, slow=6.5, SNR=3.8									
BRTR	Keskin Array B	75.84 308	P	12 35 50.2	-0.8					
	0.4nm, 0.4s, baz=27, slow=7.2, SNR=3.3									
NVAR	Mina Arr	83.36 48	P	12 36 33.4	+1.4					
	1.1nm, 0.6s, baz=289, slow=6.5, SNR=3.0									
PDAR	Pinedale Array	85.77 41	P	12 36 43.8	-0.3					
	0.6nm, 0.9s, baz=323, slow=2.2, SNR=4.5									
TXAR	Lights Array	98.47 47	P	12 37 42.6	-0.6					
	0.1nm, 0.6s, baz=256, slow=1.5, SNR=2.8									

IDC 10 12:24:29.2.1.7, 17.55S.167.96E, h0km, mb3.8/6, mb1 4.0/7, mb1mx3.8/20, mbtmp3.9/7, ML3.8/1, Error ellipse: s-maj=49.0km s-min=25.9km az=125.0

ISCJB 10 12:24:31.5.1.3, 17.68S.0.08:167.9E.0.2, h27km, mb3.8/5, Error ellipse: s-maj=31.4km s-min=10.8km az=9.3

ISC 10 12:24:33.1.1.3, 17.7S.0.1:168.0E.0.2, h27km, n8, c080/9, mb3.9/5, Vanuatu Islands

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Code	Station Name	Δ° AZ°	Phase ID	Time	Res	ISC	h	m	s	ISC
DZM	Mont Dzumac	4.62 198	Op	12 25 42.3	+1.1					
	4.4nm, 0.3s, baz=360, slow=12, SNR=1.2									
DZM			Sn	12 26 32.6	-1.4					

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CLL, CLM, CLN, etc.

0.2nm, 0.3s, baz=26, slow=14, SNR=6.0

Table for BUC 10 12:52:21.5-0.6, 44.39N:28.31E, h0km, MD1.6/2, 6C, Error ellipse: s-maj=6.0km s-min=3.0km az=32.0, Romania

AUST 10 13:11:40.9, 17.98S:167.38E, h100km

Table for AUST 10 13:11:40.9, 17.98S:167.38E, h100km, stations like DZM, DZM, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like AXAR, DEDY, DEDY, etc.

IDC 10 12:55:55.0-0.9, 17.72S:167.69E, h0km, mb4.2/1.0, mb1 4.3/1.1, mb1mx4.1/1.9, mbtmp4.2/1.1, ML3.9/1, MS3.9/1, Ms1 3.9/1, ms1mx2.9/3.1, Error ellipse: s-maj=23.9km s-min=19.4km az=143.0

ISCJB 10 12:55:57.7-0.6, 17.77S:0.07:167.8E:0.1, h23km, mb4.2/1.2, MS3.8/1, Error ellipse: s-maj=14.9km s-min=10.2km az=5.3

NEIC 10 12:55:00.9-0.7, 17.83S:167.70E, h35km, mb4.4/2, Error ellipse: s-maj=15.5km s-min=13.0km az=139.0

ISC 10 12:55:59.2-0.7, 17.78S:0.08:167.7E:0.1, h23km, m25, c128/26, mb4.2/1.2, Vanuatu Islands

Table for BUC 10 12:55:59.2-0.7, 17.78S:0.08:167.7E:0.1, h23km, m25, c128/26, mb4.2/1.2, Vanuatu Islands

RAO Raoul Island 17.27 134 LR comp=2.372nm, 18.9s, baz=29.0, slow=32

RMQ Rama 19.79 241 P Pn 13 15 58.5 +1.5

CTA Charters Tower 20.67 260 P Pn 13 16 05.5 +0.4

MVNO Mount Surprise 22.60 285 P Pn 13 16 26.9 +2.3

QLP Quilpie 23.64 244 P Pn 13 16 36.4 +0.3

CNB Port Laguerre 24.08 220 P Pn 13 16 42.2 +1.9

CMSA Cobar Meteorol 24.40 232 P Pn 13 16 44.2 +1.0

STKA Stephens Creek 27.67 234 P Pn 13 17 13.4 +0.6

STKA Stephens Creek 27.67 234 P Pn 13 17 13.9 +1.2

WRA Warrungunga Arr 31.87 261 P Pn 13 17 49.2 -0.9

WRA Warrungunga Arr 31.87 261 P Pn 13 17 49.2 -0.9

AS1 Alice Springs 32.35 254 eP Pn 13 17 53.2 -1.2

ASAR Alice Springs 32.35 254 eP Pn 13 17 53.1 -1.2

ASAR Alice Springs 32.35 254 eP Pn 13 17 53.1 -1.2

WRKA Warakurna 37.54 252 P Pn 13 18 38.3 -0.8

KNKA Kununurra 47.66 267 P Pn 13 18 38.5 -0.8

MEEK Meekatharra 48.61 250 P Pn 13 19 50.4 +0.3

NWAO Narrogin (SRO) 47.84 241 P Pn 13 20 01.9 -0.7

VNDA Vanda 59.89 182 eP Pn 13 21 30.6 +0.7

SBA Scott Base 60.15 180 eP Pn 13 21 33.4 +1.7

MJAR Matushiro Arr 60.78 333 P Pn 13 21 35.5 -1.7

MAJO Matushiro 60.87 333 P Pn 13 21 35.4 -1.8

ASAJ Asahikawa 65.78 340 eP Pn 13 22 10.0 +0.4

QSPA South Pole Qui 72.27 180 eP Pn 13 22 50.9 +0.8

CMAR Chiang Mai Arr 76.79 294 P Pn 13 23 17.6 -0.9

CHTO Chiang Mai 76.93 295 eP Pn 13 23 18.1 +0.6

MAW Mawson 79.36 202 P Pn 13 23 31.4 +1.4

SEY Seymchan 81.33 353 P Pn 13 23 40.2 -0.3

ULAN Ulanbaatar 84.95 324 eP Pn 13 23 59.9 +0.1

SOLN Songino Array 85.30 324 P Pn 13 24 01.4 -0.1

SYO Syowa Base 86.03 196 eP Pn 13 24 04.4 -0.3

NVAR Niiseya Station 88.73 49 P Pn 13 24 18.4 -0.1

ILAR Eielson Array 89.17 18 P Pn 13 24 17.6 -2.1

SNAI Snares 90.59 183 P Pn 13 24 27.5 +1.0

SNAI Snares 90.59 183 P Pn 13 24 27.5 +1.0

VNA2 Neumayer-Watz 91.51 182 P Pn 13 24 31.6 +0.9

VNA1 Neumayer-Watz 91.51 182 P Pn 13 24 32.7 +0.7

MKAN Mananchi Array 98.83 316 P Pdf 13 25 08.7 -0.2

AKAR ACCESS Array B 123.32 345 PKP Pn 13 30 20.1 -0.7

FINES Finnes Array B 128.75 338 PKP Pn 13 30 31.0 -0.4

AKAS Malin Array Be 133.57 325 PKP Pn 13 30 40.6 -0.3

BRES Keskin Array B 134.94 309 PKP Pn 13 30 45.5 +0.6

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JAN, MEM, FUR, DSL, MYKA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DRO, PDO, ITM, AMT, GUR, STU, IGT, SGG, ABTA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like LK2D, WTTA, PYL, TRI, TRI, EXG, MOTA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WLF, WLF, WLF, WLF, WLF, BFO, BFO, BFO, FETA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DAVA, SLE, WILA, WILA, ECH, ECH, ECH, VAL, VAL, SULZ, BALST, TUE, TIP, AGU, ALU, ACU, CUC, SSB, SSB, SSB, VSL, KEST, KEST, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ESDC, TORD, TORD, DBIC, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BORA, SEYT, SEYT, ULDT, ULDT, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PNIG, PNIG, TLIG, VHO, VHO, OXX, ACX, CAIG, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ZALESOV, ZALV, ZALV, KURBB, KURBB, KURBB, KURBB, MK31, MKAR, etc.

Table for BUC 10 12:52:21.5-0.6, 44.39N:28.31E, h0km, MD1.6/2, 6C, Error ellipse: s-maj=6.0km s-min=3.0km az=32.0, Romania

Table for BUC 10 12:52:21.5-0.6, 44.39N:28.31E, h0km, MD1.6/2, 6C, Error ellipse: s-maj=6.0km s-min=3.0km az=32.0, Romania

Table for BUC 10 12:52:21.5-0.6, 44.39N:28.31E, h0km, MD1.6/2, 6C, Error ellipse: s-maj=6.0km s-min=3.0km az=32.0, Romania

Table for BUC 10 12:52:21.5-0.6, 44.39N:28.31E, h0km, MD1.6/2, 6C, Error ellipse: s-maj=6.0km s-min=3.0km az=32.0, Romania

Table for BUC 10 12:52:21.5-0.6, 44.39N:28.31E, h0km, MD1.6/2, 6C, Error ellipse: s-maj=6.0km s-min=3.0km az=32.0, Romania

Table for BUC 10 12:52:21.5-0.6, 44.39N:28.31E, h0km, MD1.6/2, 6C, Error ellipse: s-maj=6.0km s-min=3.0km az=32.0, Romania

Table for BUC 10 12:52:21.5-0.6, 44.39N:28.31E, h0km, MD1.6/2, 6C, Error ellipse: s-maj=6.0km s-min=3.0km az=32.0, Romania

Table for AUST 10 13:11:40.9, 17.98S:167.38E, h100km, stations like DZM, DZM, etc.

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Table for AUST 10 13:11:40.9, 17.98S:167.38E, h100km, stations like DZM, DZM, etc.

Table for AUST 10 13:11:40.9, 17.98S:167.38E, h100km, stations like DZM, DZM, etc.

Table with columns for station code, name, frequency, power, and signal quality. Includes stations like CN2 Changchun, BJI Beijing, USRK Ussuriysk Ar., MDJ Mudanjiang, TGy Tagaytay City, etc.

Table with columns for station code, name, frequency, power, and signal quality. Includes stations like CD2 Lanzhou, KUR Kuril'sk, SLVN Ulanbaatar, SONM Songino Array, etc.

Table with columns for station code, name, frequency, power, and signal quality. Includes stations like YAK, WMO Urumqi, TAPN Odare, SEY Seymchan, etc.

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BRVK, CTA, ASAR, SVE, etc.

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like NB2, NOA, OKC, DPC, etc.

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like TPWA, DGMT, LAO, etc.

NIED 10 16:00:00.39:40N, 143:50E, h17km, Mw4.6 Best double
code: M7 64000, 1015 NP1:194, 00000, 833, 00000,
1,80,00000... NP2:26,00000, 857,00000, 1,96,00000...

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MIYJ, JTH, OFUJ, etc.

10d 16h

Table with columns for station code, name, time, and various status indicators. Includes stations like MAJO Matushiro, MAT Matushiro, KUR Kuril'sk, etc.

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Table with columns for station code, name, time, and various status indicators. Includes stations like YAK comp=Z,44nm,1.1s, YAK comp=N,21nm,1.1s, etc.

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Table with columns for station code, name, time, and various status indicators. Includes stations like KMI comp=Z,18nm,1.1s, KMI comp=Z,300nm,11.4s, etc.

M5.4/3.2, M5.7 4.2/3.2
NEIC 10 18:38:41.2, 3.4, 26.68N, 142:87E, h16km, 20km, mb4.8/4.8,
MW4.5(NIED), Error ellipse: s-maj=8.2km s-min=4.7km
az=134.0
MOS 10 18:38:41.9, 1.0, 26.70N, 142:87E, h33km, mb5.0/2.9, Error
ellipse: s-maj=9.7km s-min=5.2km az=114.0
ISCJB 10 18:38:42.8, 0.2, 26.78N, 142:83E, h33km,
mb4.7/97, MS3.9/21, Error ellipse: s-maj=4.5km
s-min=3.8km az=23.1
IDC 10 18:38:43.5, 3.6, 26.67N, 142:90E, h33km, 26km, mb4.2/2.8,
mb1.4, 3/32, mb1mx3, 3/37, mbtmp4, 4/32, ML3.6/4, MS3.7/17,
Ms1.3, 7/17, ms1mx3, 5/50, Error ellipse: s-maj=15.3km
s-min=12.0km az=102.0
ISC 10 18:38:43.6, 0.4, 26.73N, 142:98E, h35km,
h35km, p-P, n242, 15/47/270, mb4.8/97, MS3.9/21, 15C-8D,
Bonin Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual. Lists seismic stations and their recorded data.

Table with columns: Station Name, Time, Residual, Pmax, Pmin. Lists seismic stations and their recorded data.

Table with columns: Station Name, Time, Residual, Pmax, Pmin. Lists seismic stations and their recorded data.

10d 18h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BVAR, BRVK, KK31, etc.

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

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

IDC 10 18:48:43.8,0.8, 17:50:5;167.84E,h0km,mb3.9/11, mb1 4.2/12, mb1mx4.0/34, mbtmp4.0/12, ML4.1/1, MS3.6/2, Ms1 3.6/2, ms1mx3.0/24, Error ellipse: s-maj=20.0km, s-min=15.3km az=152.0

ISC/JB 10 18:48:46.9,0.5, 17:64:5;0:07:167.7E:0.1,h27km, mb4.3/16, MS3.7/1, Error ellipse: s-maj=14.3km s-min=9.5km az=81

NEIC 10 18:48:49.2,0.5, 17:60:5;167.82E,h35km,mb4.6/8, Error ellipse: s-maj=14.2km s-min=11.0km az=105.0

ISC 10 18:48:48.0,0.6, 17:56:5;0:07:167E:0.1,h27km,n32, s-maj=33km,mb4.3/16, Vanuatu Islands

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

IDC 10 18:55:12.2,6.3, 8:00:5;127.43E,h108km,60km,mb3.3/3, mb1 3.2/5, mb1mx3.0/36, mbtmp3.5/5, Error ellipse: s-maj=62.7km s-min=31.6km az=73.0, Banda Sea

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

Table with columns: Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KURSB, TORO, TXAR.

IDC 10 19:05:09.2,0.4, 17.67Sx167.87E, h0km, mb4.728, mb1 4.830, mb1mx4.831, mbtmp4.730, ML4.5/1, MS4.4/22, Ms1 4.5/22, ms1mx4.4/31, Error ellipse: s-maj=13.7km s-min=10.8km az=76.0

NOU 10 19:05:11.9,2.7, 18.20Sx168.67E, h30km, 999km, MD3.8 ISCJB 10 19:05:13.0,0.2, 17.77Sx167.86E, 0.0, h33km, mb5.0/83, MS4.6/30, Error ellipse: s-maj=5.0km s-min=4.1km az=42.4

AUST 10 19:05:13.7,4.2, 17.67Sx167.98E, h30km, 26km, Error ellipse: s-maj=19.1km s-min=9.8km az=78.0 BUI 10 19:05:13.7, 17.15Sx168.46E, h34km, mb4.9/51, mB5.3/37, Ms5.0/31, Ms7.4/32

MOS 10 19:05:13.4, 1.3, 17.64Sx167.76E, h33km, mb5.5/33, MS4.7/10, Error ellipse: s-maj=8.4km s-min=7.1km az=133.7

GCMT 10 19:05:15.0,0.2, 17.76Sx167.71E, h12km, MW5.2/91, Moment Tensor Solution, s65, e91; s91, c142; Duration: 1s0 Moment tensor: Scale 1019Nm; Mr=5.92; 12; Mw=3.07; 13; Ms=2.85; 12; Ms=5.32; 33; Mw=2.27; 10; Mw=3.40; 37; Best double couple: Mo4.1700x10^16 NP1.9x126.00000, s69.00000, lambda-95.00000. NP2: o=319.00000, s21.00000, lambda-78.00000. Principal axes: T 8.0260, Plg24.0000, Azm219.0000; N 0.7830, Plg4.0000, Azm127.0000; P -8.8090, Plg65.0000, Azm28.0000; nsta1 refers to body waves, cutoff=40s; nsta2 refers to surface waves, cutoff=50s.

NEIC 10 19:05:15.1,0.8, 17.77Sx167.83E, h40km, 7km, mb5.3/32 Error ellipse: s-maj=5.6km s-min=5.3km az=169.0 ISC 10 19:05:14.7,0.4, 17.82Sx167.86E, 0.0, h33km, 1km, h33km; p-P, n459, c1561/461, mB5.2/81, MS4.7/30, 4C2-28D, Vanuatu Islands

Main table for station data on the left side, including columns for Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res, and other parameters. Lists stations like LIFNC, DZM, DZM, etc.

Main table for station data in the middle, including columns for Name, Azimuth, Elevation, SNR, and other parameters. Lists stations like WRA, WRA, WRA, etc.

Main table for station data on the right side, including columns for Name, Azimuth, Elevation, SNR, and other parameters. Lists stations like VLA, VLA, VLA, etc.

Table of station data for the 10d 20h period, including station names, coordinates, and various parameters like SNR and error rates.

Table of station data for the 2010 AUG period, including station names, coordinates, and various parameters like SNR and error rates.

JMA 10 20:00:00.4, 0.39, 339N x 143.47E, h15km, 4km, Off east coast of Honshu

Table of station data for the JMA 10 20:00:00.4, 0.39, 339N x 143.47E, h15km, 4km, Off east coast of Honshu period.

IDC 10 20:00:15.4, 1.0, 17:55S x 167:17E, h0km, mb3.9/9, mb1.4, 2/10, mb1mx3.0/22, mbtmp3.0/10, ML3.9/1, MS3.7/3, mb1.3/7.3, ms1mx3.1/23, Error ellipse: s-maj=29.3km s-min=23.7km az=135.0

ISCJBJ 10 20:00:17.0, 2.0, 17:71S, 0:167:6E, 0.1, h19km, mb3.9/8, MS3.6/3, Error ellipse: s-maj=18.5km s-min=10.4km az=6.8

ISC 10 20:00:18.7, 0.8, 17:66S, 0:09:167:6E, 0.2, h19km, n17, 1545/15, mb4.0/8, MS3.5/3, Vanuatu Islands

Table of station data for the IDC, ISCJBJ, and ISC periods, including station names, coordinates, and various parameters like SNR and error rates.

NIED 10 20:00:00.39, 40N, 143:50E, h23km, Mw3.9 Best double couple: M9.16000:1014 NP1.0:164.00000, 836.00000, 139.00000, NP2.0:40.00000, 868.00000, 11.1900000

ISCJBJ 10 20:00:17.0, 5.0, 39:39N, 0:05:143:48E, 0.05, h11km, mb3.8/21, Error ellipse: s-maj=7.5km s-min=4.7km az=141.1

IDC 10 20:00:18.2, 0.8, 39:40N, 143:36E, h0km, mb3.8/15, mb1.3, 9/20, mb1mx3.8/47, mbtmp3.9/20, ML3.4/4, Error ellipse: s-maj=19.9km s-min=14.7km az=114.0

JMA 10 20:00:19.4, 0.1, 39:39N, 143:48E, h30km, 4km, M4.2 MOS 10 20:00:20.8, 1.0, 39:45N, 143:35E, h33km, mb4.1/6, Error ellipse: s-maj=11.4km s-min=8.2km az=84.9

NEIC 10 20:00:23.6, 1.0, 39:47N, 143:29E, h37km, 8km, mb4.1/6, Error ellipse: s-maj=12.5km s-min=7.1km az=118.0

ISC 10 20:00:19.3, 0.7, 39:42N, 0:06:143:39E, 0.06, h11km, n65, 1932/65, mb3.9/21, AC-1D, Off east coast of Honshu

Table of station data for the NIED, ISCJBJ, IDC, JMA, MOS, NEIC, and ISC periods, including station names, coordinates, and various parameters like SNR and error rates.

Table of station data for the 544 period, including station names, coordinates, and various parameters like SNR and error rates.

IDC 10 20:06:32.3, 1.8, 17:38S x 167:75E, h0km, mb3.9/7, mb1.4, 1/8, mb1mx3.8/33, mbtmp3.9/8, ML3.3/1, Error ellipse: s-maj=38.0km s-min=26.5km az=67.0

ISCJBJ 10 20:06:34.3, 3.1, 17:53S, 0:08:167:6E, 0.2, h19km, mb3.8/8, Error ellipse: s-maj=26.0km s-min=11.7km az=174.0

ISC 10 20:06:35.7, 1.6, 17:55S, 0:1:167:7E, 0.3, h19km, n8, 0570/8, mb4.0/6, Vanuatu Islands

Table of station data for the IDC, ISCJBJ, and ISC periods, including station names, coordinates, and various parameters like SNR and error rates.

IDC 10 20:06:54.8, 2.7, 17:54S x 167:38E, h0km, mb3.9/6, mb1.4, 1/7, mb1mx3.8/34, mbtmp3.9/7, ML3.4/1, Error ellipse: s-maj=58.3km s-min=28.2km az=98.0

ISCJBJ 10 20:06:56.9, 2.0, 17:52S, 0:09:167:2E, 0.3, h19km, mb3.8/8, Error ellipse: s-maj=39.3km s-min=11.7km az=172.8

ISC 10 20:06:57.9, 2.5, 17:55S, 0:1:167:7E, 0.4, h19km, n7, 0594/7, mb4.0/5, Vanuatu Islands

Table of station data for the IDC, ISCJBJ, and ISC periods, including station names, coordinates, and various parameters like SNR and error rates.

MD4-4(MEX) Error ellipse: s-maj=6.0km s-min=3.8km
az=218.0
MEX 10 20:56:01.2,0.7,14.86N-91.80W,h151km,9km,MD4.4
BUI 10 20:56:01.5,15.00N-91.50W,h159km,mB5.3/2
SZGRF 10 20:56:04.2,14.65N-90.22W,h165km,mB4.8,Guatemala
ISC 10 20:55:59.0,3.1494N,0.00491,64W,0.04,1158km,1km,
h158km;pP,n706,e1420/913,mb4.7/154,25C-9D,

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

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like 339A, BRAL, 631A, 338A, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like X38A, Z31A, SDDR, 129A, etc.

V28A	comp=Z,523nm,0.8s	22.79	337	P	P	21 00 48.9	-0.2
T33A	Channing	22.82	346	P	P	21 00 48.1	-1.1
121A	baz=23,SNR=15	22.86	323	P	P	21 00 55.1	+1.7
121A	Cookes Peak, D	22.86	323	eP	P	21 00 52.0	+2.2
121A	comp=Z,72nm,1.2s					21 01 22.0	+2.9
121A						21 04 36.4	+0.7
S37A	Fort Scott	22.90	353	P	P	21 00 49.7	-0.3
U30A	baz=23,SNR=16	22.95	341	P	P	21 00 49.9	-0.7
S36A	WK&E in Bulk	22.96	352	P	P	21 00 49.5	-1.0
S36A	baz=23,SNR=5.9					21 00 50.2	-0.9
S35A	Lake Cedric, C	23.02	350	P	P	21 00 50.2	-0.9
V27A	comp=Z,72nm,1.2s	23.03	336	P	P	21 00 50.2	-1.1
T32A	comp=Z,72nm,1.2s	23.07	345	P	P	21 00 51.4	-0.2
U29A	Huddler Ranch,	23.08	340	P	P	21 00 51.7	0.0
S34A	Oasis Ranch, S	23.18	349	P	P	21 00 51.6	-0.9
T31A	Willow Spring	23.20	344	P	P	21 00 52.5	-0.2
USIN	Randall Ranch,	23.20	8	eP	P	21 00 52.8	+0.1
USIN	comp=Z,97nm,0.6s					21 01 25.0	0.0
U28A	Mallet	23.35	338	P	P	21 00 53.9	-0.3
T30A	Plains	23.40	342	P	P	21 00 54.1	-0.5
BNM	Barren Site	23.43	327	eP	P	21 01 57.1	+2.0
R37A	Teagarden Farm	23.45	354	P	P	21 01 54.2	-0.7
Y22D	IRIS PASSCAL I	23.52	327	P	P	21 00 56.2	+0.3
R36A	Gordon, Harris	23.54	352	P	P	21 00 55.3	-0.5
LPM	Los Pinos Mount	23.56	328	eP	P	21 00 58.0	+1.8
S32A	Newby Ranch, P	23.57	345	P	P	21 00 55.3	-0.9
U27A	Thompson Grove	23.61	337	P	P	21 00 56.9	+0.4
LEMH	Lemitar	23.62	327	eP	P	21 00 55.6	-1.2
R35A	Emporia Municipi	23.63	351	P	P	21 00 56.8	-0.9
S31A	Mullinville	23.63	344	P	P	21 00 56.4	-0.3
CNCC	Cliffs of the	23.69	29	eP	P	21 00 57.1	0.0
CNCC	comp=Z,78nm,0.8s					21 01 27.5	-0.2
CRPR	Cabo Rojo, PR	23.71	79	eP	P	21 00 57.7	+0.1
T29A	Hugoton	23.73	341	P	P	21 00 57.3	-0.3
AGPR	Agua Fria, PR	23.75	78	P	P	21 00 59.0	+1.1
LSP	Saint Mesas	23.75	79	P	P	21 00 57.3	-0.7
R34A	Isabella, Hill	23.79	349	P	P	21 00 57.5	-0.6
LAZ	Ladron	23.89	327	eP	P	21 01 01.1	+1.8
LAZ						21 01 33.9	+3.5
LAZ						21 01 50.4	+0.6
LAZ						21 04 38.5	+0.6
OLIL	Olney	23.90	7	eP	P	21 00 58.9	-0.2
OLIL	comp=Z,226nm,0.8s					21 01 31.2	+1.2
S30A	Montezuma	23.92	343	P	P	21 00 59.1	-0.3
R33A	Olander Ranch,	23.94	348	P	P	21 00 58.9	-0.6
ANMO	Albuquerque	23.97	329	P	P	21 01 01.8	+1.8
ANMO	comp=Z,1.2nm,0.6s,ba					21 04 39.0	+1.0
ANMO	comp=Z,3.9nm,1.0s,ba					21 08 03.7	+1.9
ANMO	comp=Z,1.7nm,0.8s,ba					21 01 00.6	+0.7
ANMO	comp=Z,1.7nm,0.8s,ba					21 01 34.2	+3.1
ANMO	comp=Z,1.7nm,0.8s,ba					21 01 51.2	+0.6
ANMO	comp=Z,1.7nm,0.8s,ba					21 04 39.3	+1.3
ANMO	comp=Z,1.7nm,0.8s,ba					21 08 01.0	+0.7
Q37A	Longview Farm,	23.97	355	P	P	21 00 59.0	-0.7
T28A	Walsh	23.97	339	P	P	21 00 59.5	-0.4
S29A	Ulysses	24.10	341	P	P	21 01 00.7	-0.3
T27A	Campo	24.14	338	P	P	21 01 01.3	-0.1
Q35A	Mercer Eighty,	24.14	352	P	P	21 01 00.6	-0.6
Q36A	Arnold C. Orve	24.16	353	P	P	21 01 01.0	-0.5
OBIP	Obispo Ponce	24.20	79	eP	P	21 01 01.1	-0.9
R32A	Long Quarter,	24.21	346	P	P	21 01 01.4	-0.5
CELP	Cerrillos	24.22	79	eP	P	21 00 54.0	-8.3
ICMP	Isla Caja de M	24.26	80	eP	P	21 01 01.7	-0.9
R31A	Burdett	24.28	345	P	P	21 01 02.1	-0.4
BLA	Blacksburg	24.32	22	eP	P	21 01 03.5	+0.6
BLA	comp=Z,35nm,0.8s					21 01 35.6	+0.9
S28A	Manter	24.32	340	P	P	21 01 03.1	+0.1
Q34A	Chapman	24.34	350	P	P	21 01 02.4	-0.6
KSU1	Kansas State U	24.46	351	P	P	21 01 03.5	-0.7
R30A	Dighton	24.46	343	P	P	21 01 03.0	-1.1
WVCC	Virginia Weste	24.51	23	eP	P	21 01 05.6	+0.9
WVCC	comp=Z,37nm,0.8s					21 01 36.7	0.0
BLO	Bloomington	24.55	10	eP	P	21 01 04.8	-0.2
BLO	comp=Z,65nm,0.8s					21 01 38.8	+1.8
TUC	Tucson	24.56	318	eP	P	21 01 07.3	+2.1
TUC						21 01 37.4	+0.2
TUC						21 04 40.8	+1.6
T36A	Comanche Natio	24.56	337	P	P	21 01 05.7	+0.4
Q23A	Connolly Farm,	24.57	348	P	P	21 01 04.9	-0.3
SJG	San Juan	24.63	79	P	P	21 01 04.3	-1.6
Q32A	Meitler Ranch,	24.72	347	P	P	21 01 06.0	-0.5
S27A	Las Animas	24.75	338	P	P	21 01 07.5	+0.5
P36A	Good Intent A	24.78	353	P	P	21 01 07.2	+0.1
P35A	Duane Minner,	24.79	352	P	P	21 01 07.5	+0.3
CBKS	Cedar Bluff	24.83	345	P	P	21 01 08.2	+0.7
CBKS	comp=Z,37nm,0.8s					21 01 08.8	+1.3
R29A	Marienthal	24.83	342	P	P	21 01 08.4	+1.1
T25A	Trinidad	24.85	335	P	P	21 01 09.0	+1.0
T25A	comp=Z,37nm,0.8s					21 01 10.5	+2.5
S26A	Kim	24.91	337	P	P	21 01 09.7	+1.3
Q31A	Ellis	24.92	346	P	P	21 01 09.1	+0.7
P34A	Walnut Farm, R	24.93	350	P	P	21 01 08.9	+0.4
P33A	Williams Farm,	24.97	349	P	P	21 01 09.1	+0.3
R28A	Tribune	24.98	341	P	P	21 01 09.4	+0.4
Q30A	Quinter	25.11	344	P	P	21 01 10.4	+0.3
Q29A	Oakley	25.23	343	P	P	21 01 12.2	+0.9
R27A	Eads	25.26	339	P	P	21 01 11.8	+0.2
Q36A	Bolckow	25.26	354	P	P	21 01 12.1	+0.7
P32A	Hulling Farm,	25.33	347	P	P	21 01 12.9	+0.8
P31A	Stockton	25.41	346	P	P	21 01 13.3	+0.5
R26A	Arlington	25.50	338	P	P	21 01 14.3	+0.6
Q35A	Humboldt	25.50	352	P	P	21 01 14.1	+0.5
Q34A	Beatrice	25.53	351	P	P	21 01 14.0	+0.2
ATAH	Atahualpa	25.57	148	P	P	21 01 14.5	-0.4
Q33A	Hebron	25.57	349	P	P	21 01 14.4	+0.2
HDIL	Hopedale	25.60	4	P	P	21 01 14.1	-0.4
HDIL	comp=Z,8.6nm,0.9s					21 01 13.9	-0.5
P30A	Seldon	25.64	344	P	P	21 01 14.1	-0.8
Q28A	Sharon Springs	25.65	341	P	P	21 01 14.7	-0.3
SFIN	Scholer Farm	25.65	8	P	P	21 01 14.5	-0.4
SFIN	comp=Z,SNR=41					21 01 14.3	-0.6
214A	Organ Pipe Nat	25.69	315	P	P	21 01 16.2	+0.8
214A	Organ Pipe Nat	25.69	315	eP	P	21 01 17.6	+2.2
214A						21 01 48.9	+0.8
214A						21 02 06.8	+0.4
214A						21 04 42.8	+1.2
JSRW	J. Sargeant Re	25.74	26	eP	P	21 01 15.9	+0.3
JSRW						21 01 50.7	+2.3
URVA	University of	25.78	26	eP	P	21 01 16.2	+0.2
STVI	Saint Thomas	25.78	79	eP	P	21 01 14.4	-1.9
STVI						21 01 50.5	+1.4
SDCO	Great Sand Dun	25.82	334	P	P	21 01 16.8	0.0
SDCO	Great Sand Dun	25.82	334	eP	P	21 01 15.5	-1.3
SDCO						21 01 50.2	+0.6
SDCO						21 02 09.2	+1.3
SDCO						21 08 03.0	+0.8
SDCO						21 08 07.3	+0.3
W18A	Petrified Fore	25.85	324	P	P	21 01 18.4	+1.4
W18A	Petrified Fore	25.85	324	eP	P	21 01 18.6	+1.7
KSCO	Kaye Shedlock	25.85	340	P	P	21 01 17.2	+0.3
KSCO	comp=Z,45nm,1.4s					21 01 15.6	-1.3
KSCO						21 01 33.9	+3.5
KSCO						21 02 07.9	-0.1
KSCO						21 01 18.4	+1.4
P29A	Brookman Farm,	25.88	348	P	P	21 01 18.9	+1.8
N35A	Tabor	26.06	353	P	P	21 01 19.0	+0.4
Q28A	Hugo	26.08	339	P	P	21 01 18.9	-0.1
P26A	Saint Francis	26.09	342	P	P	21 01 19.4	+0.4
N33A	J Bar K, Exete	26.19	350	P	P	21 01 20.3	+0.5
ACSO	Alum Creek Sta	26.31	15	eP	P	21 01 20.8	0.0
ACSO	comp=Z,52nm,0.6s					21 01 54.2	+0.6
P27A	Ficken Ranch,	26.33	341	P	P	21 01 21.0	-0.2
O29A	4D Ranch, Culb	26.34	344	P	P	21 01 20.9	-0.2
N32A	Stulken Farm,	26.37	349	P	P	21 01 21.9	+0.5
S22A	4UR Ranch, Cre	26.40	332	P	P	21 01 23.5	+1.4
S22A	4UR Ranch, Cre	26.40	332	eP	P	21 01 23.5	+1.4
Q24A	Divide	26.72	336	P	P	21 01 25.5	+0.7
MVCO	Mesa Verde	26.77	329	P	P	21 01 26.9	+1.7
MVCO	Mesa Verde	26.77	329	eP	P	21 01 25.9	+0.7
MVCO						21 01 59.2	+1.1
O27A	Beecher Island	26.88	341	P	P	21 01 26.5	+0.4
WUAZ	Wupatki	27.07	323	P	P	21 01 30.2	+2.2
WUAZ	Wupatki	27.07	323	eP	P	21 01 30.0	+2.0
WUAZ	comp=Z,18nm,0.8s						

10d 20h

2010 AUG

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like H22A Clearmont, I20A World, F26A Lodgepole, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like M04C Macdoel, K05A Summer Lake, N02D Trinity Center, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like PVRL Vila Real, MESJ Messejana, MESJ Messejana, etc.

10d 21h

Table with columns: Station Name, Az, El, Time, Res, and various status indicators. Includes stations like TAP, TW1, TW1F, IRIF, etc.

2010 AUG

Table with columns: Station Name, Az, El, Time, Res, and various status indicators. Includes stations like HEN, TSEB, TWK1, WDG1, etc.

550

Table with columns: Station Name, Az, El, Time, Res, and various status indicators. Includes stations like BOLS, BOLS, SELS, etc.

CSEM 10 21:53:39.6, 0.2, 43.11N, 22.10E, h2km, ML2.0, Error ellipse: s-maj=4.7km s-min=3.5km az=31.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARG Arhangelos, KRND KRAMIDI, BODT Bodrum, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URZ Urewera, MTSU Mount Surprise, BKZ BlackStump Fm, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IPM Iloh, USRK Ussuriysk Ar., MNSI Mandailing Nat, etc.

Table with columns: Station, Time, Frequency, Power, and other technical details. Includes stations like Paradox Valley, Red Top Meadow, Mesa Verde, etc.

Table with columns: Station, Time, Frequency, Power, and other technical details. Includes stations like NVS, DHRM, 531A, 130A, etc.

Table with columns: Station, Time, Frequency, Power, and other technical details. Includes stations like HDIL, Hopedale, COWI, CFAA, etc.

KIV	Kislodovsk	124.68 314	ePKP	Pdf	23 37 09.2	+0.4
VSR	Storozhevoje	124.69 323	ePKIKP	Pdf	23 37 07.8	-0.6
VSR	comp-Z,140nm,0.9s					
VSR	comp=N,8.0nm,0.8s					
VSR	comp=E,50nm,1.3s					
SAM	Samuel	124.81 112	ePKP	Pdf	23 37 08.5	-1.2
SAM	SAMU		SdId		23 37 10.2	+1.0
NEV	Neytrino	124.82 313	ePKIKP	Pdf	23 37 11.1	+0.9
DAMY	Dhamar	124.85 376	ePKP	Pdf	23 37 11.1	+0.9
PUL	Pulkovo	124.82 235	ePKIKP	Pdf	23 37 09.0	+0.4
PUL	comp-Z,143nm,1.0s					
KON	Konsvik	125.24 348	ePKP	Pdf	23 37 09.0	0.0
CHVG	Ch'kvaleri	125.40 312	ePKP	Pdf	23 37 10.5	+0.4
STOK	Stokkvaagen	125.41 348	ePKP	Pdf	23 37 09.4	+0.1
STOK	FINESS Array S	125.48 338	ePKP	Pdf	23 37 09.8	+0.1
FIAT	FINESS Array B	125.48 338	ePKP	Pdf	23 37 09.6	0.0
FINES	comp-Z,1.1nm,0.8s,baz=116,slow=4.4,SNR=6.9				23 36 51.1	
FINES	comp-Z,2.82nm,1.0s,baz=94,slow=3.0,SNR=4.1				23 40 07.8	-2.0
FINES	comp-Z,4.1nm,0.6s,baz=87,slow=4.0,SNR=3.8				23 40 07.8	-2.0
LBTB	Lobatsje	125.82 224	ePKIKP	Pdf	23 37 11.8	+0.2
LBTB	Lobatsje	125.82 224	ePKP	Pdf	23 37 11.8	+0.2
SOC	Sochi	126.85 314	ePKIKP	Pdf	23 37 12.3	-0.5
SOC			eSS		23 39 12.5	
SOC			eSS		23 55 57.4	-6.6
SOC			eSS		00 00 46.0	
SOC	comp-Z,67nm,1.0s					
VSU	Vasula	127.18 335	ePKIKP	Pdf	23 37 12.8	-0.1
VSU	comp-Z,235nm,1.0s					
NSS	Namsos	127.19 347	ePKP	Pdf	23 37 12.9	+0.1
NSS					23 40 14.9	
KMBO	Kilima Mbogo	128.18 257	ePKP	Pdf	23 37 16.6	0.0
KMBO	comp-Z,1.8nm,1.1s,baz=69,slow=3.4,SNR=21				23 39 20.2	-2.5
KMBO	comp-Z,2.3nm,0.7s,baz=94,slow=2.7,SNR=4.1				23 37 17.5	+0.9
KMBO	Kilima Mbogo	128.18 257	ePKP	Pdf	23 39 20.2	-2.5
KMBO	Kilima Mbogo	128.18 257	ePKP	Pdf	23 37 17.5	+0.9
SNFV	Sufian	128.23 305	ePKP	Pdf	23 40 24.2	-8.4
CELN	Cerrillos	128.31 78	ePKP	Pdf	23 37 15.9	-0.5
TBLU	Troidheim	128.68 347	ePKP	Pdf	23 37 15.3	-0.2
TBLU					23 40 22.6	
SGJ	San Juan	128.72 78	ePKP	Pdf	23 36 57.2	
SGJ	comp-Z,8.5nm,0.3s,baz=283,slow=2.0,SNR=6.1				23 37 16.4	-0.7
SGJ	comp-Z,32nm,1.0s,baz=257,slow=2.5,SNR=6.1				23 40 19.1	-1.6
SGJ	comp-Z,19nm,0.8s,baz=252,slow=2.5,SNR=6.1				23 40 19.1	-1.6
HUMP	Col San Antoni	129.01 78	ePKP	Pdf	23 37 17.0	-0.6
IZAR	Zarasal	129.10 333	ePKP	Pdf	23 37 16.7	0.0
IZAR	comp-Z,2.8nm,1.0s				23 37 17.8	-0.8
MCGM	Minsk	129.10 331	ePKP	Pdf	23 37 16.0	-0.7
MNK	Minsk	129.12 331	ePKIKP	Pdf	23 37 16.0	-0.8
MNK	comp-Z,120nm,1.0s					
MALT	Malatya	129.15 308	ePKIKP	Pdf	23 37 18.4	+0.9
MALT	Malatya	129.15 308	ePKP	Pdf	23 37 18.4	+0.9
PCRV	Puerto La Cruz	129.18 89	ePKP	Pdf	23 37 17.1	-1.1
PCRV	comp-Z,8.2nm,1.0s,baz=104,slow=4.4,SNR=3.0				23 40 21.4	+0.5
ISAL	Salakas	129.36 333	ePKP	Pdf	23 37 17.3	+0.3
ISAL	comp-Z,9.4nm,0.9s,baz=39,slow=6.4,SNR=3.7				23 37 20.1	
IGAN	Ignalina	129.35 332	ePKP	Pdf	23 37 17.4	+0.2
IGAN	comp-Z,40nm,0.8s				23 37 20.2	
NACGM	Naroch	129.37 332	ePKP	Pdf	23 37 18.0	+0.8
BORG	Borgames	129.43 5	ePKP	Pdf	23 37 18.2	+6.1
MOL	Molde	129.85 348	ePKP	Pdf	23 37 17.9	-0.6
MOL					23 37 26.6	
MOL					23 40 33.0	
LSZ	Lusaka	129.91 235	ePKIKP	Pdf	23 37 21.0	+1.4
LSZ	Lusaka	129.91 235	ePKP	Pdf	23 37 21.0	+1.4
SMH	Al Salmeh	130.00 305	ePKP	Pdf	23 40 22.3	+1.1
DOMB	Dombas	130.01 347	ePKP	Pdf	23 40 25.9	+3.4
BB16B	Bebedouro	130.15 134	ePKP	Pdf	23 37 19.2	-0.7
BB16B					23 37 20.7	
BB16B					23 37 21.3	
BB16B					23 37 22.7	
BB16B					23 37 24.3	
BB16B					23 37 32.3	
SIM	Simferopol	130.20 317	ePKIKP	Pdf	23 37 19.9	+0.8
SIM	comp-Z,39nm,0.7s				23 39 41.0	
SIM						
AKN	Aaknes	130.32 348	ePKP	Pdf	23 37 18.7	-0.1
AKN					23 40 28.6	
NB2	NORSAR Subarrat130.38 345		ePKP	Pdf	23 37 18.6	-0.5
NB2	comp-Z,2.8nm,1.2s,baz=31,slow=1.9				23 37 18.6	-0.5
NB2	NORSAR Subarrat130.38 345		ePKP	Pdf	23 37 18.6	-0.5
NB2	comp-Z,2.4nm,0.9s,baz=30,slow=2.1,SNR=4.6				23 37 06.1	
NOA	NOA				23 37 18.9	-0.2
NOA	comp-Z,2.9nm,1.0s,baz=36,slow=2.1,SNR=3.2				23 40 26.3	+2.2
AKASG	Malin Array Be	130.57 326	ePKIKP	Pdf	23 37 01.5	
AKASG	comp-Z,2.3nm,0.7s,baz=50,slow=1.9,SNR=3.9				23 37 19.6	+0.1
AKASG	comp-Z,15nm,0.7s,baz=52,slow=1.9,SNR=66				23 39 29.5	-6.8
AKASG	comp-Z,0.8nm,0.5s,baz=44,slow=7.5,SNR=4.8				23 40 26.8	+1.8
AKASG	comp-Z,60nm,0.7s,baz=48,slow=4.3,SNR=37				23 37 18.7	-0.9
AKB	Malin Array S1	130.53 326	ePKP	Pdf	23 37 18.7	-0.9
AKB	Malin Array S1	130.53 326	ePKP	Pdf	23 37 19.0	-0.6
AK01	Malin Array S1	130.54 326	ePKP	Pdf	23 37 19.0	-0.6
KIEV	Kiev	130.54 326	ePKIKP	Pdf	23 37 19.6	0.0
KIEV	Kiev	130.54 326	ePKP	Pdf	23 40 27.0	+2.0
KIEV	Kiev	130.54 326	ePKP	Pdf	23 37 19.2	-0.1
NC602	NORSAR Array S130.55 345		ePKP	Pdf	23 40 25.6	
NC602					23 37 18.9	-0.7
AK02	Malin Array S1	130.56 326	ePKP	Pdf	23 37 18.9	-0.7
PTGA	Pitanga	130.87 104	ePKP	Pdf	23 37 27.0	0.0
PTGA	comp-Z,1.8nm,0.9s,baz=234,slow=2.8,SNR=1.4				23 37 21.0	-0.4
PTGA					23 40 28.1	+0.5
ROOS	Ri alrosos	130.92 303	ePKP	Pdf	23 40 28.5	+1.1
RABH	Abou Rabah	130.94 303	ePKP	Pdf	23 40 32.5	+5.1
ZALF	Zalf	131.11 301	ePKP	Pdf	23 40 31.4	+3.3
FOO	Fioro	131.23 349	ePKP	Pdf	23 37 20.4	+0.1
FOO					23 40 28.2	
FOO					23 40 29.7	
WRDH	Warideh	131.36 305	ePKP	Pdf	23 40 29.1	0.0
HYA	Hoyanger	131.41 348	ePKP	Pdf	23 37 22.2	+1.3
HYA					23 40 31.6	
OSL	Oslo	131.45 345	ePKP	Pdf	23 40 31.7	+3.2
ALBIDA	Albida	131.53 304	ePKP	Pdf	23 40 33.6	+3.6
HAWK	Haweek	131.57 303	ePKP	Pdf	23 40 30.8	+0.7
SUW	Suwalki	131.57 332	ePKP	Pdf	23 37 21.2	-0.2
SUW					23 40 31.2	+1.9
SUW					23 40 49.1	
SUW					23 41 56.1	
SUW	Suwalki	131.57 332	ePKIKP	Pdf	23 37 21.3	-0.2
TOTH	TOTAH	131.78 302	ePKP	Pdf	23 40 35.7	+4.7
SUE	Sulen	131.78 349	ePKP	Pdf	23 40 32.6	+2.7
KONO	Kongsberg	131.99 345	eSKP	Pbc	23 40 32.5	+1.7
KONO	Kongsberg	131.99 345	ePKP	Pdf	23 40 32.5	+1.7
BRBB	Barbas	132.16 302	ePKP	Pdf	23 40 36.3	+3.8
ASK	Askoy	132.23 348	ePKP	Pdf	23 40 33.1	+3.3
RUND	Rundenannen	132.26 348	ePKP	Pdf	23 40 33.2	+1.2
TCHB	Talchebab	132.28 301	ePKP	Pdf	23 40 33.6	+0.4
BER	Bergen	132.29 348	ePKP	Pdf	23 40 34.5	+2.4
SORCA	Soroca	132.34 323	ePKIKP	Pdf	23 40 37.0	+4.2
BRTR	Keskin Array B	132.35 311	ePKIKP	Pdf	23 37 10.0	
BRTR	comp-Z,1.4nm,0.7s,baz=88,slow=2.1,SNR=7.0				23 37 23.2	-0.3
BRTR	comp-Z,35nm,1.1s,baz=124,slow=2.1,SNR=4.3					

BRTR	comp-Z,12nm,0.6s,baz=120,slow=3.1,SNR=23					
ODD1	Odda	132.45 347	ePKP	Pdf	23 37 22.8	-0.2
ODD1					23 40 35.0	
KIS	Kishinev	132.63 322	ePKP	Pdf	23 37 23.0	-0.7
KIS	Kishinev	132.63 322	ePKIKP	Pdf	23 37 20.0	-0.7
ANTO	Ankara	132.92 311	ePKIKP	Pdf	23 37 24.2	-0.4
ANTO	Ankara	132.92 311	ePKP	Pdf	23 37 24.1	-0.5
ANTO	Ankara	132.92 311	ePKP	Pdf	23 40 36.3	+0.6
ANTO	Ankara	132.92 311	ePKP	Pdf	23 37 23.6	-1.0
ANTO	Ankara	132.92 311	eSKP	Pbc	23 40 37.0	+1.3
BLSS	Blasjo	132.93 347	ePKP	Pdf	23 37 24.7	+0.8
BLSS					23 40 36.3	
IAS	Iasi	133.28 323	ePKP	Pdf	23 40 40.5	-1.0
KMY	Karmoy	133.38 347	ePKP	Pdf	23 37 25.5	+0.8
KMY					23 40 37.8	
TLCR	TLCR	133.50 320	ePKIKP	Pdf	23 37 26.8	+1.5
TLCR	TLCR	133.50 320	ePKP	Pdf	23 37 26.8	+1.5
TLCR	TLCR	133.50 320	ePKP	Pdf	23 40 39.0	-3.0
ELC	Elat	133.63 297	ePKP	Pdf	23 37 26.6	+0.5
ELC	comp-Z,1.2nm,0.4s,baz=184,slow=5.5,SNR=12				23 40 40.2	-1.1
LVV	L'vov	133.78 328	ePKIKP	Pdf	23 37 25.0	-0.8
LVV	comp-Z,200nm,21.0s				23 37 25.6	-0.5
CFR	Carcaiu	133.93 320	ePKIKP	Pdf	23 37 25.6	-0.5
CFR	Carcaiu	133.93 320	ePKP	Pdf	23 37 25.6	-0.5
CFR	Carcaiu	133.93 320	ePKP	Pdf	23 37 25.6	-0.5
CSS	Prodromos	133.94 305	ePKP	Pdf	23 37 27.5	+0.9
CSS	Prodromos	133.94 305	ePKP	Pdf	23 37 24.0	-2.5
CSS	Prodromos	133.94 305	eSKP	Pbc	23 40 40.5	+0.3
CSS	Prodromos	133.94 305	ePKP	Pdf	23 37 24.0	-2.5
PRAR	RASCA	133.97 324	ePKP	Pdf	23 37 26.2	0.0
PRAR	RASCA	133.97 324	ePKP	Pdf	23 37 26.8	+1.0
BDFB	Brasilia	134.04 129	ePKP	Pdf	23 37 26.5	-0.9
BDFB	comp-Z,2.1nm,0.4s,baz=184,slow=5.5,SNR=12				23 40 40.2	-1.1
BDFB	comp-Z,12nm,1.0s,baz=297,slow=2.8,SNR=6.7				23 37 26.5	-0.9
BDFB	Brasilia	134.04 129	ePKIKP	Pdf	23 37 26.5	-0.9
BDFB	comp-Z,2.0nm,0.4s				23 39 20.2	-2.5
BDFB	comp-Z,1.2nm,1.0s				23 37 27.2	-0.2
BDFB	Brasilia	134.04 129	ePKP	Pdf	23 37 27.2	-0.2
BDFB	Brasilia	134.04 129	eSKP	Pbc	23 40 40.7	-0.6
TIRR	Tirgusor	134.09 319	ePKIKP	Pdf	23 37 27.7	+1.2
TIRR	Tirgusor	134.09 319	ePKP	Pdf	23 37 27.7	+1.2
TIRR	Tirgusor	134.09 319	ePKP	Pdf	23 37 28.0	+1.5
TIRR	Tirgusor	134.09 319	ePKP	Pdf	23 37 27.7	+1.2
BEI	Belsk	134.10 332	ePKP	Pdf	23 39 58.9	-0.1
BEL	Belsk	134.10 332	ePKP	Pdf	23 40 40.1	-0.2
BEL	Belsk	134.10 332	ePKP	Pdf	23 37 26.8	+0.5
BEL	Belsk	134.10 332	ePKP	Pdf	23 39 58.9	-0.3
BSD	Bornholm Skovb	134.13 338	ePKP	Pdf	23 37 25.9	-0.3
BSD	comp-N,52nm,0.5s				23 40 39.3	-1.0
BSD	Bornholm Skovb	134.13 338	ePKP	Pdf	23 40 39.3	-1.0
BSD	Bornholm Skovb	134.13 338	ePKIKP	Pdf	23 40 22.8	
BSD	Bornholm Skovb	134.13 338	e			

Table with multiple columns containing names, dates, and various codes. The table is organized into several vertical sections, each starting with a name (e.g., CHOS, MMB, NVR, etc.) and followed by a list of entries with associated dates and codes. The entries are densely packed and cover a wide range of names and dates.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Barranco-do-Ve, Marnele, Madaira, etc.

CSEM 10 23:20:52.1, 41.32N-41.20E, h7km, MD2.7

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

IDC 10 23:34:40.2-3.7, 17.34S-168.20E, h0km, mb3.8/3

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

ROM 10 23:47:08.8-0.2, 42.58N-13.22E, h8km, Md1.4/3, M10.6/3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAN MARTINO, LNSS, NRCA, etc.

ATH 10 23:50:07.2, 37.85N-26.87E, h25km, 1km, MD3.2/5

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

Central Italy

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

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

ISCJB 11 00:02:13.4-2.4, 36.36N-0.1x37.0E, 0.1, h11km, Error

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

Jordan - Syria region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AML, KK31, etc.

NNC 11 00:10:17.8-5.0, 37.20N-70.95E, h129km, g2km, mb3.3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AML, KK31, KZA, etc.

ISC 11 00:10:15.8-3.0, 37.1N-0.2x70.8E, 0.1, h88km, n13

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AML, KK31, etc.

ISC 11 00:13:58.2-1.5, 17.8S-0.1x167.9E, 0.3, h27km, n11

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

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

ISCJB 11 00:26:37.4-0.5, 45.09N-0.02x23.04E, 0.03, h4km, 3km

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

ISC 11 00:02:13.4-2.4, 36.36N-0.1x37.0E, 0.1, h11km, Error

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

ISC 11 00:10:15.8-3.0, 37.1N-0.2x70.8E, 0.1, h88km, n13

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AML, KK31, etc.

ISC 11 00:13:58.2-1.5, 17.8S-0.1x167.9E, 0.3, h27km, n11

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

ISCJB 11 00:36:13.5-0.8, 37.90N-0.05x26.84E, 0.07, h13km, Error

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BFO Black Forest, RETA Reutte, CDF Champ du Feu, etc.

Table with columns: WLF Walferdange, SKDS Skadanscina, GORS Gorjuse, etc. Includes stations like WLF Walferdange, SKDS Skadanscina, GORS Gorjuse, etc.

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

Table with columns: VCA, Vinchina, 2.88 20 eP, Pn, 02 06 49.5 +0.8, 02 07 24.2 +1.1, 02 07 28.2

Table with columns: VCA, Vinchina, 2.88 20 eP, Pn, 02 06 49.0 +0.3, 02 06 47.3 -2.9, 02 07 19.6 -6.4

Table with columns: VCA, Vinchina, 2.88 20 eP, Pn, 02 06 51.2 -0.5, 02 07 27.4 -1.4, 02 06 52.2 -0.7

Table with columns: VCA, Vinchina, 2.88 20 eP, Pn, 02 07 27.7 -3.1, 02 07 29.7, 02 07 06.4 -0.8

Table with columns: VCA, Vinchina, 2.88 20 eP, Pn, 02 07 06.4 -0.8, 02 08 05.5 -3.0, 02 09 38.0 -8.4

Table with columns: VCA, Vinchina, 2.88 20 eP, Pn, 02 08 05.5 -3.0, 02 09 38.0 -8.4, 02 09 38.0 -8.4

Table with columns: VCA, Vinchina, 2.88 20 eP, Pn, 02 09 38.0 -8.4, 02 09 38.0 -8.4, 02 09 38.0 -8.4

Table with columns: VCA, Vinchina, 2.88 20 eP, Pn, 02 09 38.0 -8.4, 02 09 38.0 -8.4, 02 09 38.0 -8.4

Table with columns: BLCB Balcova, 0.50 20 eSg, Sg, 02 09 33.9 +0.5, 02 09 25.8 -0.9, 02 09 33.9 +0.5

Table with columns: BLCB Balcova, 0.50 20 eSg, Sg, 02 09 33.9 +0.5, 02 09 25.8 -0.9, 02 09 33.9 +0.5

Table with columns: BLCB Balcova, 0.50 20 eSg, Sg, 02 09 33.9 +0.5, 02 09 25.8 -0.9, 02 09 33.9 +0.5

Table with columns: BLCB Balcova, 0.50 20 eSg, Sg, 02 09 33.9 +0.5, 02 09 25.8 -0.9, 02 09 33.9 +0.5

Table with columns: BLCB Balcova, 0.50 20 eSg, Sg, 02 09 33.9 +0.5, 02 09 25.8 -0.9, 02 09 33.9 +0.5

Table with columns: BLCB Balcova, 0.50 20 eSg, Sg, 02 09 33.9 +0.5, 02 09 25.8 -0.9, 02 09 33.9 +0.5

Table with columns: BLCB Balcova, 0.50 20 eSg, Sg, 02 09 33.9 +0.5, 02 09 25.8 -0.9, 02 09 33.9 +0.5

Table with columns: BLCB Balcova, 0.50 20 eSg, Sg, 02 09 33.9 +0.5, 02 09 25.8 -0.9, 02 09 33.9 +0.5

Table with columns: SIGR SIGRI, 1.54 332 P, Pn, 02 16 45.2 -0.5, 02 17 04.3 -1.0, 02 16 49.0 +0.7

Table with columns: SIGR SIGRI, 1.54 332 P, Pn, 02 16 45.2 -0.5, 02 17 04.3 -1.0, 02 16 49.0 +0.7

Table with columns: SIGR SIGRI, 1.54 332 P, Pn, 02 16 45.2 -0.5, 02 17 04.3 -1.0, 02 16 49.0 +0.7

Table with columns: SIGR SIGRI, 1.54 332 P, Pn, 02 16 45.2 -0.5, 02 17 04.3 -1.0, 02 16 49.0 +0.7

Table with columns: SIGR SIGRI, 1.54 332 P, Pn, 02 16 45.2 -0.5, 02 17 04.3 -1.0, 02 16 49.0 +0.7

Table with columns: SIGR SIGRI, 1.54 332 P, Pn, 02 16 45.2 -0.5, 02 17 04.3 -1.0, 02 16 49.0 +0.7

Table with columns: SIGR SIGRI, 1.54 332 P, Pn, 02 16 45.2 -0.5, 02 17 04.3 -1.0, 02 16 49.0 +0.7

Table with columns: SIGR SIGRI, 1.54 332 P, Pn, 02 16 45.2 -0.5, 02 17 04.3 -1.0, 02 16 49.0 +0.7

ICD 11 02:12:20.8, 2.0, 17.75S-167.75E, h0km, mb3.7/3, mb1 3.9/4, mb1mx3.6/4.6, mbtmp3.7/4, ML3.5/1, Error ellipse: s-maj=65.6km s-min=32.5km az=118.0, Vanuatu Islands

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

CSEM 11 02:16:06.4, 38.30N-23.07E, h10km, MD2.5, ATH 11 02:16:06.4, 38.30N-23.07E, h10km, MD2.5/4, Greece

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

ICD 11 02:16:16.9, 1.0, 37.85N-26.92E, h0km, mb3.6/5, mb1 3.5/10, mb1mx3.4/5.6, mbtmp3.5/10, ML3.5/1.5, MS2.9/1, Ms1 2.9/1, ms1mx2.3/4.5, Error ellipse: s-maj=2.1km s-min=1.6km az=145.0

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

ICD 11 02:16:18.6, 9.1, 37.87N-26.81E, h2km, MD3.7/17, ML3.5, DDA 11 02:16:18.4, 37.87N-26.79E, h12km, MD3.4, THE 11 02:16:19.3, 37.88N-26.74E, h9km, ML3.8/6, Error ellipse: s-maj=1.4km s-min=0.7km az=137.0

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

CSEM 11 02:16:19.0, 0.8, 37.86N-26.77E, h10km, MD3.7, Error ellipse: s-maj=2.2km s-min=2.0km az=71.0, ISC 11 02:16:19.0, 0.8, 37.86N-26.80E, h18km, 4km, n306, n1912/351, mb3.5/5, 14C-3D, Dodecanese Islands

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

ICD 11 02:16:18.6, 9.1, 37.87N-26.81E, h2km, MD3.7/17, ML3.5, DDA 11 02:16:18.4, 37.87N-26.79E, h12km, MD3.4, THE 11 02:16:19.3, 37.88N-26.74E, h9km, ML3.8/6, Error ellipse: s-maj=1.4km s-min=0.7km az=137.0

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

CSEM 11 02:16:19.0, 0.8, 37.86N-26.77E, h10km, MD3.7, Error ellipse: s-maj=2.2km s-min=2.0km az=71.0, ISC 11 02:16:19.0, 0.8, 37.86N-26.80E, h18km, 4km, n306, n1912/351, mb3.5/5, 14C-3D, Dodecanese Islands

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

ICD 11 02:16:18.6, 9.1, 37.87N-26.81E, h2km, MD3.7/17, ML3.5, DDA 11 02:16:18.4, 37.87N-26.79E, h12km, MD3.4, THE 11 02:16:19.3, 37.88N-26.74E, h9km, ML3.8/6, Error ellipse: s-maj=1.4km s-min=0.7km az=137.0

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

CSEM 11 02:16:19.0, 0.8, 37.86N-26.77E, h10km, MD3.7, Error ellipse: s-maj=2.2km s-min=2.0km az=71.0, ISC 11 02:16:19.0, 0.8, 37.86N-26.80E, h18km, 4km, n306, n1912/351, mb3.5/5, 14C-3D, Dodecanese Islands

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

ICD 11 02:09:16.7, 0.6, 37.90N-0.04-26.83E, 0.05, h5km, 8km, Error ellipse: s-maj=8.7km s-min=4.5km az=137.5, DDA 11 02:09:16.7, 37.88N-26.82E, h7km, MD2.8, ISK 11 02:09:16.3, 37.92N-26.82E, h5km, MD2.5, CSEM 11 02:09:17.0, 0.2, 37.91N-26.85E, h2km, MD2.8, Error ellipse: s-maj=4.7km s-min=2.4km az=52.0, ISC 11 02:09:16.9, 1.1, 37.92N-0.03-26.83E, 0.04, h13km, 12km, n19, n044/32, Dodecanese Islands

ICD 11 02:16:18.6, 9.1, 37.87N-26.81E, h2km, MD3.7/17, ML3.5, DDA 11 02:16:18.4, 37.87N-26.79E, h12km, MD3.4, THE 11 02:16:19.3, 37.88N-26.74E, h9km, ML3.8/6, Error ellipse: s-maj=1.4km s-min=0.7km az=137.0

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

CSEM 11 02:16:19.0, 0.8, 37.86N-26.77E, h10km, MD3.7, Error ellipse: s-maj=2.2km s-min=2.0km az=71.0, ISC 11 02:16:19.0, 0.8, 37.86N-26.80E, h18km, 4km, n306, n1912/351, mb3.5/5, 14C-3D, Dodecanese Islands

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

ICD 11 02:16:18.6, 9.1, 37.87N-26.81E, h2km, MD3.7/17, ML3.5, DDA 11 02:16:18.4, 37.87N-26.79E, h12km, MD3.4, THE 11 02:16:19.3, 37.88N-26.74E, h9km, ML3.8/6, Error ellipse: s-maj=1.4km s-min=0.7km az=137.0

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

CSEM 11 02:16:19.0, 0.8, 37.86N-26.77E, h10km, MD3.7, Error ellipse: s-maj=2.2km s-min=2.0km az=71.0, ISC 11 02:16:19.0, 0.8, 37.86N-26.80E, h18km, 4km, n306, n1912/351, mb3.5/5, 14C-3D, Dodecanese Islands

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

ICD 11 02:16:18.6, 9.1, 37.87N-26.81E, h2km, MD3.7/17, ML3.5, DDA 11 02:16:18.4, 37.87N-26.79E, h12km, MD3.4, THE 11 02:16:19.3, 37.88N-26.74E, h9km, ML3.8/6, Error ellipse: s-maj=1.4km s-min=0.7km az=137.0

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

CSEM 11 02:16:19.0, 0.8, 37.86N-26.77E, h10km, MD3.7, Error ellipse: s-maj=2.2km s-min=2.0km az=71.0, ISC 11 02:16:19.0, 0.8, 37.86N-26.80E, h18km, 4km, n306, n1912/351, mb3.5/5, 14C-3D, Dodecanese Islands

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

ICD 11 02:16:18.6, 9.1, 37.87N-26.81E, h2km, MD3.7/17, ML3.5, DDA 11 02:16:18.4, 37.87N-26.79E, h12km, MD3.4, THE 11 02:16:19.3, 37.88N-26.74E, h9km, ML3.8/6, Error ellipse: s-maj=1.4km s-min=0.7km az=137.0

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

CSEM 11 02:16:19.0, 0.8, 37.86N-26.77E, h10km, MD3.7, Error ellipse: s-maj=2.2km s-min=2.0km az=71.0, ISC 11 02:16:19.0, 0.8, 37.86N-26.80E, h18km, 4km, n306, n1912/351, mb3.5/5, 14C-3D, Dodecanese Islands

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

ICD 11 02:16:18.6, 9.1, 37.87N-26.81E, h2km, MD3.7/17, ML3.5, DDA 11 02:16:18.4, 37.87N-26.79E, h12km, MD3.4, THE 11 02:16:19.3, 37.88N-26.74E, h9km, ML3.8/6, Error ellipse: s-maj=1.4km s-min=0.7km az=137.0

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like CTAO Charters Tower, PMG Port Moresby, and various other frequencies.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BJI Beijing, BJI Beijing, and various other frequencies.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like SNA Snae, SNA Snae, and various other frequencies.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries for POLO, Lamas de Olo, PVR, Vila Real, MVO, Moncorvo, etc.

IDC 11 03:31:37.4,2.3, 17:52S:167:61E, h0km, mb4.6/4, mb1 4.6/4, mb1mx4.0/41, mbtmp4.6/4, Error ellipse: s-maj=75.6km s-min=44.3km az=129.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries for ASAR, Alice Springs, MJAR, Matsushiro Arr, etc.

SZGRF 11 03:35:13.9, 18:35S:167:93E, h33km, mb5.7, Vanuatu Islands

IDC 11 03:35:14.8,0.3, 17:30S:167:77E, h0km, mb5.4/35, Mb1 5.3/37, mb1mx5.3/38, mbtmp5.4/37, MLS, 1/2, MMS, 3/33, Mb1 5.3/33, mb1mx5.2/39, Error ellipse: s-maj=11.9km s-min=9.0km az=66.0

ISCJB 11 03:35:18.7,0.1, 17:34S:167:76E, h0.02, h38km, mb5.5/205, M55, 7/353, Error ellipse: s-maj=3.5km s-min=3.1km az=156.5

BUI 11 03:35:18.5, 17:40S:167:80E, h39km, mb5.6/75, mb5.8/68, M55, 6/78, M57, 5/37

GCMT 11 03:35:19.1,0.1, 17:32S:167:64E, h18km, MW5.9/114, Moment Tensor Solution, s111, c239, s114, c298; Direction: 281. Moment tensor: Scale 1017Nm; Mn:4.55e+05; Moe:0.40e+05; Moe:4.15e+05; Mn:4.59e+15; Mm:2.34e+04; Mm:3.33e+12; Best double couple: Mo:7.52800e+107 NP1:1.333000000, 871.000000, 174.000000. NP2:1.355000000, 825.000000, 129.000000.

Principal axes: T 7.5550, P161.0000, Azm19.0000; N -0.0510, P16.0000, Azm139.0000; P -7.5010, P1624.0000, Azm236.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

MOS 11 03:35:19.1,1.2, 17:19S:167:75E, h33km, mb6.0/65, M55, 6/64 Error ellipse: s-maj=7.8km s-min=6.3km az=130.3

NEIC 11 03:35:19.1,0.1, 17:40S:167:81E, h35km, mb5.6/130, M55, 7/299, Error ellipse: s-maj=4.8km s-min=4.2km az=148.0

NEIC Felt at Port-Vila.

AUST 11 03:35:26.8, 1.6, 17:37S:167:57E, h83km, mb15km, Error ellipse: s-maj=6.9km s-min=6.7km az=159.0

ISC 11 03:35:20.3,0.3, 17:39S:167:84E, h0.04, h42km, 1km, h41km, P-P, n1165, r150/1032, mb5.6/201, M55, 7/356, 65C-36D, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries for DZM, Mont Dzumac, DZM, Mont Dzumac, DZM, Mont Dzumac, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries for PMG, Port Moresby, PMG, Mangrove Creek, MXZ, Matakoa Point, URZ, Urewera, URZ, Urewera, URZ, Urewera, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries for GUMO, Guam, GUMO, Guam, GUMO, Guam, etc.

11d 3h

Table with columns for station name, frequency, power, and other technical details. Includes stations like YULB, NACB, CASY, TPUB, JNU, etc.

2010 AUG

Table with columns for station name, frequency, power, and other technical details. Includes stations like KSIJA, KSSCK, KSCWO, etc.

570

Table with columns for station name, frequency, power, and other technical details. Includes stations like MDJ, ATKA, TSI, etc.

UTHA	Uthaitani	74.94 292	P	P	03 46 59.2 +1.6
TIY	Taiyuan	75.58 318	eP	P	03 47 01.2 +0.3
TIY			PP	PP	03 49 50.4 -0.5
TIY			S	SS	03 56 37.6 -1.3
TIY			PMZ		04 01 28.0 -3.0
TIY	comp=Z,930nm,4.2s		LN		
TIY	comp=Z,1µm,14.8s		LE		
TIY	comp=Z,1µm,14.7s		LZ		
UMP	Umpang Tak	75.71 292	P	P	03 47 03.7 +1.7
XAN	Xi'an	75.88 313	P	S	03 47 02.6 -0.1
XAN			S	PMZ	03 56 40.7 -1.7
XAN	comp=Z,63nm,0.8s		PMZ		
XAN	comp=Z,810nm,7.2s		LN		
XAN	comp=Z,740nm,16.4s		LE		
XAN	comp=Z,790nm,14.9s		LZ		
LAMP	Lampang	75.96 295	P	P	03 47 04.9 +1.5
FALS	False Pass	76.01 17	PFAKE	LR	03 47 10.0 +7.2
CRAI	Chiangrai	76.02 297	P	P	03 47 02.2 -1.5
KMI	Kunming	76.17 302	P	P	03 47 06.4 +1.7
KMI			PcP	S	03 47 16.5 -0.2
KMI			S	SKSac	03 56 46.6 +0.4
KMI			PMZ		03 57 12.4 -0.6
KMI	comp=Z,85nm,1.0s		PMZ		
KMI	comp=Z,900nm,6.4s		LN		
KMI	comp=Z,630nm,16.1s		LE		
KMI	comp=Z,560nm,15.5s		LZ		
SPIA	Saint Paul Is	76.50 12	PFAKE	LR	03 47 20.0 +1.4
CMAR	Chiang Mai Arr	76.53 294	P	P	03 47 08.3 +1.7
CMAR			PP	PP	03 49 55.9 -3.4
CMAR			LR	LR	04 22 51.6
CMMT	Chiang Mai	76.67 295	P	P	03 47 08.4 +1.0
CHTO	Chiang Mai	76.67 295	P	P	03 47 08.5 +1.1
CHTO	Chiang Mai	76.67 295	eP	Pmax	03 47 08.5 +1.1
CHTO			Pmax		
CHTO	Chiang Mai	76.67 295	eP	P	03 47 08.5 +1.1
CMAI	Chiang Mai	76.67 295	P	P	03 47 11.1 +1.5
SDPT	Sand Point	77.27 18	PFAKE	LR	03 47 20.0 +1.0
SDPT			LR		
MHMT	Maesarieng	77.30 294	P	P	03 47 12.6 +1.7
MA2	Magadan	77.94 351	iP	P	03 47 13.9 +0.3
HHC	Hu-ho-hao-te	77.95 320	eP	PP	03 47 15.8 +1.5
HHC			SP	PP	03 47 34.3 +2.9
HHC			PP	PP	03 50 16.5 +5.7
HHC			S	SKS	03 57 12.8 +8.0
HHC			SS	SKSac	03 57 23.2 -1.9
HHC			PMZ	SKKSac	03 57 27.7 +1.7
HHC	comp=Z,91nm,0.9s		PMZ		
HHC	comp=Z,650nm,5.5s		LN		
HHC	comp=Z,820nm,16.7s		LE		
HHC	comp=Z,1µm,17.7s		LZ		
CD2	Chengdu	78.05 308	P	P	03 47 14.8 -0.2
CD2			pP	PP	03 47 27.1 -0.3
CD2			sP	PP	03 47 32.0 -0.1
CD2			PP	PP	03 50 11.2 -0.7
CD2			sS	SKKSac	03 57 06.5 +0.3
CD2			SS	SS	03 57 27.6 +0.5
CD2			PMZ	SS	04 02 09.6 +0.9
CD2	comp=Z,80nm,0.9s		PMZ		
CD2	comp=Z,1µm,10.8s		LN		
CD2	comp=Z,2µm,19.2s		LZ		
CD2	comp=Z,1µm,20.4s		LE		
HIA	Hailar	78.85 330	P	P	03 47 19.6 +0.7
HIA			Pmax	Pmax	
HIA	comp=Z,171nm,1.1s		MLR	MLR	
HIA	comp=Z,2µm,20.0s		MLR	MLR	
HIA	comp=Z,171nm,1.1s		LR	LR	
PBA	Port Blair	79.57 286	eP	P	03 47 24.4 +0.9
MAW	Mawson	79.64 202	P	P	03 47 24.8 +1.8
MAW			LR	LR	04 18 14.7
MAW	comp=Z,4µm,19.7s,baz=106,slow=7.0,SNR=30		P	P	03 47 24.9 +1.8
MAW	comp=Z,2.2nm,0.9s,baz=106,slow=7.0,SNR=30		P	P	03 47 24.7 +1.8
DGPR	Diglipur	79.92 287	eP	AMB	03 47 25.9 +0.5
DGPR			AMB	AMB	03 47 37.5
LZH	Lanzhou	80.50 312	eP	P	03 47 29.6 -0.4
LZH			pP	PP	03 47 40.8 -0.1
LZH			SP	PP	03 47 44.1 -1.5
LZH			PP	PP	03 50 35.5 +3.2
LZH			S	SS	03 57 33.0 +0.8
LZH			SS	SS	03 57 55.1 +2.0
LZH			SS	SS	04 02 50.0 +4.5
LZH	comp=Z,130nm,1.0s		PMZ		
LZH	comp=Z,1µm,8.3s		LN		
LZH	comp=Z,2µm,18.6s		LE		
LZH	comp=Z,830nm,15.9s		LZ		
SEY	Seymchan	80.97 353	P	P	03 47 29.6 -0.4
SEY	comp=Z,26nm,0.8s,baz=154,slow=5.4,SNR=46		P	P	03 47 30.2 +0.2
SEY	comp=Z,26nm,0.8s,baz=154,slow=5.4,SNR=46		PP	PP	03 47 30.0 -0.6
OHAK	Old Harbor	81.07 20	eP	P	03 47 43.3 +0.1
OHAK			eP	PP	
OHAK			LR	PP	
KDAK	Kodiak Island	81.75 20	P	P	03 47 36.1 +1.9
KDAK	comp=Z,10nm,0.9s,baz=256,slow=8.3,SNR=2.5		P	P	03 47 36.1 +1.9
KDAK			MLR	MLR	
KDAK	comp=Z,3µm,18.0s		LR	LR	03 47 36.1 +1.9
KDAK	comp=Z,3µm,18.0s		LR	LR	
CLNS	Chul'man	82.18 338	eP	P	03 47 37.4 +0.8
CLNS			ePPP	PP	03 47 47.7 -1.4
CLNS			ePPP	PPP	03 52 32.2

CLNS		eS	S	03 57 50.8 +2.4	
CLNS		e		03 58 53.7	
CLNS		Pmax	Pmax		
CLNS	comp=Z,77nm,1.2s		Pmax	Pmax	
CLNS	comp=N,51nm,1.4s		Pmax	Pmax	
CLNS	comp=E,19nm,1.4s		Pmax	Pmax	
CLNS	comp=Z,14nm,1.2s		Pmax	Pmax	
CLNS	comp=E,13nm,0.9s		Pmax	Pmax	
CLNS	comp=N,19nm,1.1s		Smax	Smax	
CLNS	comp=E,1µm,14.8s		Smax	Smax	
CLNS	comp=N,458nm,13.0s		MLR	MLR	
CLNS	comp=Z,1µm,16.0s		MLR	MLR	
CLNS	comp=N,777nm,16.0s		MLR	MLR	
SVW2	Sparrevohn	83.52 17	eP	P	03 47 44.1 +0.7
CIT	Chita	83.63 330	eP	P	03 47 45.6 +1.4
CIT			e		03 47 55.3
CIT			e		03 48 01.7
CIT			Pmax	Pmax	
RSD	Redoubt South	83.82 18	eP	P	03 47 44.2 -1.0
BRK	Bradley Lake	83.86 20	eP	P	03 47 44.9 -0.3
BRK			LR	LR	
BRK	comp=Z,3µm,19.0s		LR	LR	
SEW	Seward	84.58 20	PFAKE	LR	03 48 00.0 +1.1
ULN	Ulanbaatar	84.59 324	eP	P	03 47 50.2 +0.8
ULN			Pmax	Pmax	
ULN	comp=Z,381nm,0.9s		MLR	MLR	
ULN	comp=Z,799nm,18.0s		LR	LR	03 47 50.2 +0.8
ULN	comp=Z,382nm,0.9s		LR	LR	
TNA	Tin City	84.71 10	PFAKE	LR	03 48 00.0 +1.1
TNA			LR	LR	
YAK	Yakutsk	84.72 343	P	P	03 47 49.8 +0.4
YAK	comp=Z,3µm,18.1s,baz=138,slow=36		LR	LR	04 26 16.5
YAK	comp=Z,3.8nm,0.4s,baz=330,slow=21,SNR=9.5		LR	LR	
YAK	Yakutsk	84.72 343	eP	PP	03 47 49.1 -0.3
YAK			ePPP	PP	03 47 59.1 -2.9
YAK			eS	S	03 58 09.1 -4.6
YAK			Pmax	Pmax	
YAK	comp=Z,135nm,1.1s		Pmax	Pmax	
YAK	comp=Z,36nm,1.1s		Pmax	Pmax	
YAK	comp=N,44nm,1.6s		Pmax	Pmax	
YAK	comp=E,24nm,1.4s		Smax	Smax	
YAK	comp=E,509nm,7.1s		Smax	Smax	
YAK	comp=N,533nm,6.4s		MLR	MLR	
YAK	comp=E,1µm,16.0s		MLR	MLR	
YAK	comp=Z,4µm,18.0s		MLR	MLR	
YAK	comp=N,3µm,19.0s		MLR	MLR	
YAK	Yakutsk	84.72 343	eP	P	03 47 49.8 +0.4
GTA	Gaotai	84.89 314	iP	PP	03 47 52.4 +1.3
GTA			PP	PP	03 48 06.0 +2.4
GTA			PP	PP	03 48 10.8 +2.5
GTA			PP	PP	03 51 13.5 +5.2
GTA			S	SS	03 58 16.6 -0.2
GTA			S	SS	03 58 37.7 -0.1
GTA			S	SS	04 03 50.8 +0.4
GTA	comp=N,48nm,1.0s		PMZ		
GTA	comp=N,1µm,7.4s		LN		
GTA	comp=N,990nm,19.0s		LE		
GTA	comp=N,1µm,19.7s		LZ		
GTA	comp=N,1µm,22.1s		LZ		
SONM	Songino Array	84.94 324	P	P	03 47 51.4 +0.3
SONM	comp=N,207nm,0.9s,baz=142,slow=4.1,SNR=332		P	PP	03 51 04.1 -4.4
SONM	comp=N,6.9nm,1.1s,baz=95,slow=4.8,SNR=3.5		LR	LR	04 27 04.8
MID	Middleton Is	85.13 22	PFAKE	LR	03 48 00.0 +8.5
MID			LR	LR	
BILL	Bilibino	85.19 359	iP	P	03 47 51.4 -0.3
BILL			S	Pmax	03 58 17.2 -1.0
BILL			Pmax	Pmax	
MCCM	Marconi Confer	85.20 48	PFAKE	LR	03 48 00.0 +7.6
MCCM			LR	LR	
SUA	Susitna One	85.22 19	PFAKE	LR	03 48 00.0 +7.8
SUA			LR	LR	
RC01	Rabbit Creek A	85.24 19	PFAKE	LR	03 48 00.0 +7.9
RC01			LR	LR	
SHL	Shillong	85.30 298	eP	P	03 47 53.9 +0.4
SHL			AMB	AMB	03 48 04.5
SHL	comp=Z,71nm,0.8s		P	P	03 47 53.0 -0.5
SHL	comp=Z,16nm,0.9s		eS	S	03 58 24.0 +2.5
KCPM	Cahto Peak	85.40 46	eP	P	03 47 54.6 +1.0
KCPM			LR	LR	
KMRM	Kmail Ridge	85.56 46	eP	P	03 47 55.9 +1.6
KMRM			LR	LR	
KMRM	comp=Z,8µm,19.0s		LR	LR	
PMR	Palmer	85.81 19	PFAKE	LR	03 48 10.0 +1.5
PMR			LR	LR	
BSC	Santa Cruz Isl	85.82 53	P	P	03 47 56.0 +0.3
BSC			P	P	
KHMM	Horse Mountain	85.84 45	eP	P	03 47 57.4 +1.6
KHMM			LR	LR	
KHMM	comp=Z,6µm,19.0s		LR	LR	
PPLA	Purkeypile	85.92 17	PFAKE	LR	03 48 10.0 +1.4
PPLA			LR	LR	
PKM	Peak Mountain	86.05 52	P	P	03 47 57.2 +0.2
SMMC	Simmler	86.08 51	P	P	03 47 57.5 +0.5
SMMC			P	P	
KBO	Bosley Butte	86.12 44	PFAKE	LR	03 48 10.0 +1.3
KBO			LR	LR	
SML	Sawmill	86.23 19	PFAKE	LR	03 48 10.0 +1.3
SML			LR	LR	
SML	comp=Z,600nm,19.0s		LR	LR	
KEBM	Edson Butte	86.36 43	PFAKE	LR	03 48 10.0 +1.2
KEBM			LR	LR	
KEBM	comp=Z,2µm,20.0s		LR	LR	
CAST	Castle Rocks	86.36 17	eP	P	03 47 56.1

11d 3h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like PFO Pinyon Flat Ob, G03D McMinnville, O, MPMC Manual Prospec, etc.

2010 AUG

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like TPNV, PGC PG, Y12C Blythe, LDFC Landair, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like C09A, ADKI Addanki, WUAZ Wupatki, etc.

ANMO	Albuquerque	96.35	56	eP	P	03 48 44.1	-1.1
ANMO	Albuquerque	96.35	56	eP	P	03 48 44.2	-0.9
ANMO	comp=2.16nm,2.0s				LR		
KLRI	Killari	96.38	287	eP	P	03 48 45.0	-0.5
O20A	White River Ci	96.50	50	eP	P	03 48 45.6	-0.1
O20A	White River Ci	96.50	50	PFAKE	LR	03 49 00.0	+1.4
S22A	4UR Ranch, Cre	96.86	53	eP	P	03 48 47.7	+0.2
S22A	comp=2.14nm,1.9s				LR		
BHPL	Bhopal	97.06	292	eP	Pdf	03 48 49.6	+1.0
BHPL	comp=1.13nm,0.5s				AMB	03 49 03.4	
TXAR	Lajitas Array	97.06	62	P	Pdf	03 48 48.8	+0.3
TXAR	comp=2.0,5nm,0.9s,baz=123,slow=4.6,SNR=6.4				PKKpPbc	04 05 28.0	-1.1
I19A	Meeetees	97.11	46	P	Pdf	03 48 48.6	+0.1
SMCO	Snowmass	97.16	51	PFAKE	LR	03 49 00.0	+1.1
EDM	Edmonton	97.23	36	PFAKE	LR	03 49 00.0	+1.1
RLMT	Red Lodge	97.25	45	P	Pdf	03 48 49.2	+0.1
H19A	Powell	97.30	46	P	P	03 48 48.9	-0.2
J20A	Shoshoni	97.55	47	P	Pdf	03 48 50.8	+0.5
EGMT	Eagleton	97.78	42	P	Pdf	03 48 51.8	+0.5
EGMT	comp=2.2um,19.0s				LR	03 49 00.0	+8.8
SDCO	Great Sand Dun	97.87	53	PFAKE	LR	03 49 00.0	+7.8
J21A	Lysite	97.99	47	P	Pdf	03 48 52.5	0.0
ISCO	Idaho Springs	98.34	51	PFAKE	LR	03 49 10.0	+1.6
N23A	Red Feather La	98.39	50	P	Pdf	03 48 54.7	+0.4
N23A	comp=2.5um,20.0s				LR	03 49 10.0	+1.6
DDI	Dehra Dun	98.39	299	eP	P	03 48 52.6	-1.8
DDI	comp=2.20nm,2.0s				AMB	03 49 09.6	
K22A	Casper	98.45	48	PFAKE	LR	03 49 10.0	+1.6
Q24A	Divide	98.47	52	PFAKE	LR	03 49 10.0	+1.5
T25A	Trinidad	98.55	54	PFAKE	LR	03 49 10.0	+1.5
J22A	Midwest	98.69	47	P	P	03 48 54.7	-0.7
PHWY	Pilot Hill	98.86	50	PFAKE	LR	03 49 10.0	+1.4
M28A	Castleberry Fa	98.91	59	P	P	03 48 56.1	-0.5
12TX	Muleshoe	99.02	57	PFAKE	LR	03 49 10.0	+1.3
SMLA	Simla	99.34	300	eP	Pdf	03 48 57.7	-0.7
SMLA	comp=1.12nm,0.4s				AMB	03 49 25.2	
MKAR	Makanchi Array	99.49	316	P	Pdf	03 48 59.9	+1.1
MKAR	comp=2.5,8nm,0.7s,baz=98,slow=5.0,SNR=20				PP	03 53 04.7	+1.7
MKAR	comp=2.12nm,1.1s,baz=88,slow=6.6,SNR=7.4				PKKIP	03 53 28.0	0.0
MKAR	comp=2.2,9nm,0.8s,baz=94,slow=0.5,SNR=2.9				LR	04 34 03.0	0.0
MKAR	Makanchi Array	99.49	316	P	Pdf	03 48 59.9	+1.1
MKAR	comp=2.6,0nm,0.7s				pmx	03 53 04.7	
MKAR	comp=2.12nm,1.1s				pmx	03 53 04.7	
MKAR	comp=2.343nm,21.2s,baz=92,slow=36				MLR	03 53 04.7	
MKAR	Makanchi Array	99.49	316	eP	Pdf	03 49 00.3	+1.5
MKAR	comp=2.2,4nm,1.0s,baz=251,slow=4.6,SNR=6.5				PKKIP	03 53 07.7	+1.7
YKA	Yellowknife Ar	99.64	27	P	P	03 48 58.2	-0.8
ZALV	Zalesovo Beam	99.84	323	P	Pdf	03 53 27.2	-0.4
ZALV	comp=2.50nm,0.9s,baz=114,slow=4.3,SNR=95				PKKIP	03 53 28.1	-0.2
ZALV	comp=2.3,3nm,0.7s,baz=107,slow=5.1,SNR=4.1				PKKIP	03 49 00.0	-0.1
DHRM	DHARAMSHALA	100.33	301	eP	Pdf	03 49 01.7	-1.4
H24A	Dirks Ranch, A	100.37	46	P	Pdf	03 49 03.2	+0.3
KSCO	Kaye Shedlock	100.38	52	PFAKE	LR	03 49 10.0	+6.9
RSSD	Black Hills	100.58	47	PFAKE	LR	03 49 20.0	+1.6
JCT	Junction City	100.59	61	PFAKE	LR	03 49 20.0	+1.6
NVS	Novosibirsk	100.97	324	eP	Pdf	03 49 04.9	-0.2
NVS	comp=1.19nm,1.3s				eS	03 59 44.3	+3.6
NVS	comp=N,17nm,1.3s				pmx		
NVS	comp=E,40nm,1.3s				pmx		
NVS	comp=Z,48nm,1.3s				smx		
NVS	comp=N,27nm,2.3s				smx		
PAYG	Puerto Ayora	101.13	94	PFAKE	LR	03 49 20.0	+1.3
ABTX	Ablene, Hawle	101.23	59	PFAKE	LR	03 49 20.0	+1.3
DMGT	Dagmar	101.49	43	PFAKE	LR	03 49 20.0	+1.2
KVXT	Kingsville	101.52	65	PFAKE	LR	03 49 20.0	+1.2
G26A	Maurine	101.84	46	P	Pdf	03 49 09.0	-0.3
KSH	Kashi	102.25	308	eP	Pdf	03 49 14.9	+3.5
KSH	comp=2.14nm,1.9s				eS	03 53 32.4	-0.9
KSH	comp=2.2,4nm,1.0s,baz=251,slow=4.6,SNR=6.5				eS	04 00 51.0	-1.0
KSH	comp=2.1,1nm,0.8s,baz=264,slow=2.1,SNR=3.0				eS	04 01 13.6	-0.1
KSH	comp=2.140nm,5.4s				PMZ	04 08 02.6	+3.9
KSH	comp=Z,290nm,13.5s				LN		
KSH	comp=Z,1um,17.7s				LE		
KSH	comp=Z,920nm,21.6s				LZ		
WMOK	Wichita Mounta	102.41	57	PFAKE	LR	03 49 20.0	+7.9
KURK	Kurchatov	102.76	319	P	Pdf	03 49 14.0	+0.8

KURK	Kurchatov	102.76	319	P	Pdf	03 53 34.5	
KURK	comp=2.4,2nm,0.7s,baz=104,slow=3.2,SNR=16				PKKIP	03 49 14.0	+0.8
KURKB	Kurchatov Arra	102.80	319	P	Pdf	03 49 14.0	+0.6
KURB	comp=2.4,2nm,0.7s,baz=104,slow=3.2,SNR=16				PKKIP	03 53 34.5	+0.8
WHTX	Lake Whitney	102.89	60	PFAKE	LR	03 49 30.0	+1.6
TKM2	Tokmak 2	103.23	311	PFAKE	LR	03 49 30.0	+1.4
W34A	Bridge Creek,	103.32	57	PFAKE	LR	03 49 30.0	+1.4
W34A	comp=2.800nm,21.0s				LR		
V34A	Guthrie	103.65	56	PFAKE	LR	03 49 30.0	+1.2
U34A	Anderson Ranch	103.75	56	PFAKE	LR	03 49 30.0	+1.2
AAK	Ala-Archa	103.97	311	PFAKE	LR	03 49 30.0	+1.1
AAK	comp=2.2um,18.0s				LR		
FFC	Flin Flon	104.11	37	PFAKE	LR	03 49 30.0	+1.1
FFC	comp=2.700nm,20.0s				LR		
BGNE	Belgrade	104.24	51	PFAKE	LR	03 49 30.0	+1.0
MDND	Maddock	104.37	44	PFAKE	LR	03 49 30.0	+1.0
EKS2	Erkin-Say	104.50	311	PFAKE	LR	03 49 30.0	+8.7
KSU1	Kansas State U	104.98	53	PFAKE	LR	03 53 50.0	
TUL1	Tulsa	105.04	57	PFAKE	LR	03 53 50.0	
X38A	Whitesboro	105.58	58	P	PKiKp	03 53 38.8	-0.5
ECS2	EROS Data Cent	105.75	49	P	PKiKp	03 53 38.7	-0.8
ECS2	EROS Data Cent	105.75	49	ePKiKp	PKiKp	03 53 38.3	-1.2
SNET	Serv Nac Est T	106.11	80	PFAKE	LR	03 53 50.0	
MIAR	Mount Ida	106.58	58	PFAKE	LR	03 53 50.0	
KBL	Kabul	106.74	302	PFAKE	LR	03 53 50.0	
AGMN	Agassiz Nation	106.92	44	PFAKE	LR	03 53 50.0	
KKAR	Karatay Array	106.94	311	eP	Pdf	03 49 36.3	+4.3
KKAR	Karatay Array	106.94	311	eP	Pdf	03 49 36.3	+4.3
ULM	Lac du Bonnet	107.15	42	ePKiKp	PKiKp	03 53 31.9	-1.0
UALR	University of	107.62	58	PFAKE	LR	03 53 50.0	
BVAR	Borovoye Array	108.14	321	Pdf	Pdf	03 49 37.8	+0.7
BVAR	comp=2.4,9nm,0.8s,baz=101,slow=6.2,SNR=8.2				PKKIP	03 53 44.0	+0.5
BVAR	comp=2.9,5nm,0.9s,baz=108,slow=1.9,SNR=7				PKKIP	04 05 06.7	-1.2
BRVK	Borovoye	108.21	321	eP	Pdf	03 49 38.6	+1.2
BRVK	comp=2.1,1nm,0.6s,baz=289,slow=4.5,SNR=6.1				MLR		
BRVK	Borovoye	108.21	321	eP	Pdf	03 49 38.6	+1.2
TEIG	Tepitch	108.50	74	PFAKE	LR	03 54 00.0	
SPMN	St. Paul	108.66	47	PFAKE	LR	03 54 00.0	
FCC	Fort Churchill	108.87	33	PFAKE	LR	03 54 00.0	
JTS	JuntasAbangare	109.32	85	PFAKE	LR	03 54 00.0	
PBMO	Poplar Bluff	109.45	56	PFAKE	LR	03 54 00.0	
MET	Memphis-Engin	109.63	58	PFAKE	LR	03 54 00.0	
MSEY	Mahe Island	109.75	258	PFAKE	LR	03 54 00.0	
EYMN	Ely	109.80	45	PFAKE	LR	03 54 00.0	
SLM	Saint Louis	109.83	55	PFAKE	LR	03 54 00.0	
OXF	Oxford	109.97	59	PFAKE	LR	03 54 00.0	
PVMO	Portageville	109.98	57	PFAKE	LR	03 54 00.0	
SIUC	Southern Illin	110.52	56	PFAKE	LR	03 54 00.0	
HDIL	Hopedale	110.76	53	PFAKE	LR	03 54 00.0	
COWI	Conover	111.29	47	PFAKE	LR	03 54 00.0	
BRAL	Brewton	111.47	63	PFAKE	LR	03 54 00.0	
OLIL	Olney	111.50	55	PFAKE	LR	03 54 00.0	
USIN	University of	111.77	55	PFAKE	LR	03 54 00.0	
LRAL	Lakeview Retre	111.78	61	PFAKE	LR	03 54 00.0	
SPIN	Scholar Farm	112.41	53	PFAKE	LR	03 54 00.0	
OTAV	Otavalo	112.66	97	PFAKE	LR	03 54 10.0	
BLO	Bloomington	112.77	54	PFAKE	LR	03 54 00.0	
SVE	Sverdlovsk	113.78	325	ePKiKp	PKiKp	03 53 53.8	-0.3
BCIP	Isla Barro Col	113.90	88	PFAKE	LR	03 54 10.0	
IMYA	Miami	114.21	303	eP	PKPdf	03 53 56.0	+0.2
GLMI	Grayling	114.42	48	PFAKE	LR	03 54 10.0	+1.4
TIGA	Tifton	114.46	63	PFAKE	LR	03 54 10.0	+1.4
AB31	Akbulak array	114.62	317	iPKiKp	PKPdf	03 53 55.3	-0.6
AB31	comp=2.4,0nm,0.9s				pmx		
AB31	comp=2.23nm,0.8s				PKPdf	03 53 56.0	+0.2
TKL	Tuckaleechee C	114.69	58	ePKiKp	PKPdf	03 53 56.0	-0.5

ARU	Arti	114.96	325	iPKiKp	PKPdf	03 53 56.5	+0.1
ARU	comp=2.1,9nm,0.9s,baz=262,slow=0.6,SNR=3.3				SP	04 00 40.2	
ARU	Arti	114.96	325	ePKiKp	PKKIP	04 04 24.5	-5.2
ARU	comp=2.1um,18.0s				LR	03 53 54.3	-2.1
AAM	Ann Arbor	115.09	51	PFAKE	LR	03 54 10.0	+1.3
IACL	Akhelmad	115.31	303	eP	PKPdf	03 53 58.7	+0.6
LPZA	La Paz	115.50	118	eP	PKP	03 54 02.1	+1.7
ACSO	Alum Creek Sta	115.55	53	PFAKE	LR	03 54 10.0	+1.2
AKTO	Aktuyubinsk	115.81	318	PKiKp	PKP	03 53 58.4	+0.2
GEYT	Alibeck	115.88	304	PKP	PKP	03 53 59.9	+1.1
DWPF	Disney	115.96	67	PFAKE	LR	03 54 10.0	+1.1
KMCS	Kings Mountain	116.64	59	PFAKE	LR	03 54 10.0	+1.0
KMCS	Kings Mountain	116.64	59	PFAKE	LR	03 54 10.0	+1.0
KBS	Kingsbay	117.38	355	PFAKE	LR	03 54 10.0	+1.0
BLA	Blacksburg	117.47	57	PFAKE	LR	03 54 10.0	+8.1
IBAF	Bafgh	117.62	297	eP	PKP	03 54 01.9	-0.5
HOPEN	Hopen	117.86	351	eP	PKP	03 50 14.9	-4.9
MTDJ	Mount Denham	118.07	78	PFAKE	LR	03 54 20.0	+1.6
CPUP	Villa Florida	118.24	134	PKP	PKP	03 54 04.1	+0.4
IMEH	Mehriz	118.42	297	eP	PKP	03 54 02.8	-1.3
ICHK	Chechek	118.65	298	eP	PKP	03 54 04.7	+0.1
HSPB	Hornsund (broa	118.73	353	eP	PKP	03 55 20.8	-0.7
ISAD	Sadrabad	119.24	297	eP	PKP	03 54 05.2	-0.6
IGLO	Ghaloghah	119.27	302	eP	PKP	03 54 05.9	+0.3
IKIA	Kiasar	119.38	302	eP	PKP	03 54 06.2	+0.3
SSPA	Standing Stone	1					

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Amaminishikomi, Takarajima, Amami Oshima, Tokunoshima, Kikashima, Okinoerabujima, Iheya, Kunigami, Kunigami, YAKUSHIMAHIRAU, Natsutse, Korea Array, SONGINO ARRAY, MKAR, ZALV, KURBB, WRA, BVAR, ILAR.

IDC 11 04:32:12.6, 1.6, 4.12S:139.94E, h0km, mb3.7/3, mb1 3.9/4, mb1mx3.6/18, mbmtmp3.8/4, ML4.1/1, Error ellipse: s-maj=57.3km s-min=13.7km az=116.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Jayapura, WRA, ASAR, MKAR, BVAR, TORD.

IDC 11 04:34:31.7, 1.2, 17.30S:167.60E, h0km, mb4.2/7, mb1 4.3/8, mb1mx4.0/22, mbmtmp4.2/8, ML4.0/1, Error ellipse: s-maj=32.2km s-min=23.6km az=97.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM, Urewera, STKA, WRA, ASAR, MJAR, SONM, SNA, SNA2, ARCES, NOA, KHC, TORD.

AUST 11 04:35:04.3, 99.0, 15.32S:172.14E, h28km, Error ellipse: s-maj=8.1km s-min=1.8km az=334.0

IDC 11 04:35:39.7, 0.9, 17.42S:167.79E, h0km, mb4.1/12, mb1 4.6/13, mb1mx4.4/22, mbmtmp4.4/13, ML4.3/1, MS4.2/7, MS1 4.2/7, ms1mx3.7/37, Error ellipse: s-maj=26.8km s-min=18.6km az=100.0

ISCJB 11 04:35:41.1, 1.1, 17.33S:0.07, 167.76E:0.10, h19km, mb4.4/16, MS4.2/5, Error ellipse: s-maj=13.4km s-min=10.0km az=8.7

NEIC 11 04:35:45.0, 0.4, 17.42S:167.76E, h35km, mb4.8/7, Error ellipse: s-maj=11.7km s-min=9.1km az=106.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM, DZM, DZM, EIDS, RMQ, AFI, CTA, CTAO, URZ, URZ, QLP, YNG, CNB, RMS, RPA, STKA, STKA, STKA, YOUNG, CNB, RPA, STKA, WRAB, WRA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAR, WRKA, MBWA, MEEK, VANDA, SBA, MJAR, MAT, MAJ, CASY, USRI, CMAR, SONM, SYO, ILAR, SNA, VNA, ZALV, ARCES, NOA, BRTR, KHC, GERES, ABTA, MOTA, WLF, WFA, DAVA, ECH, TUD, ESD, TORD.

ISCJB 11 04:40:31.7, 0.8, 51.41N:0.04, 16.12E:0.04, h0km, Error ellipse: s-maj=6.0km s-min=3.1km az=15.4

IPEC 11 04:40:32.0, 3.0, 51.49N:16.31E, h0km, ML1.7/3, Error ellipse: s-maj=3.2km s-min=1.7km az=66.0

CSEM 11 04:40:32.8, 0.5, 51.43N:16.12E, h2km, ML3.0/9, Error ellipse: s-maj=8.3km s-min=4.2km az=3.0

PRU 11 04:40:34.1, 51.41N:16.13E, h0km, Error ellipse: s-maj=3.6km s-min=1.2km az=3.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSP, UPIC, DPC, DPC, PVCC, PVCC, KRLC, KRLC, BRG, GPC, GPC, PRU, PRU, MORC, MORC, CLL, CLL, CLL, KRAC, KRAC, KRUC, KRUC, NKC, NKC, NKC, OJC, OJC, OJC, KHC, KHC, KHC, KHC, KHC, DZM, DZM, DZM, URZ.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like STKA, WRA, ASAR, VANDA, MJAR, MAT, USRK, CMAR, SONM, NVAR, ILAR, SNA, VNA, ZALV, GERES, ABTA, MOTA, FETA, DAVA, DAVOX, ESD, TORD.

IDC 11 04:45:52.4, 1.1, 17.74S:167.56E, h0km, mb4.1/7, mb1 4.2/8, mb1mx4.0/37, mbmtmp4.0/8, ML4.4/1, Error ellipse: s-maj=32.5km s-min=23.1km az=88.0

ISCJB 11 04:45:54.8, 1.2, 17.86S:0.07, 167.3E:0.2, h19km, mb3.9/8, Error ellipse: s-maj=27.3km s-min=10.4km az=176.3

ISC 11 04:45:55.3, 1.1, 17.82S:0.09, 167.5E:0.2, h19km, n12, mb4.1/2, mb4.1/8, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM, DZM, URZ, STKA, WRA, ASAR, MJAR, CMAR, SONM, ILAR, ARCES, DAVOX, TORD.

IDC 11 04:53:38.7, 1.0, 17.33S:167.85E, h0km, mb4.1/9, mb1 4.3/10, mb1mx4.0/36, mbmtmp4.2/10, ML4.2/1, Error ellipse: s-maj=31.2km s-min=22.1km az=100.0

ISCJB 11 04:53:41.9, 0.9, 17.49S:0.07, 167.7E:0.2, h27km, mb4.0/9, Error ellipse: s-maj=24.1km s-min=9.9km az=3.7

ISC 11 04:53:42.7, 0.9, 17.44S:0.09, 167.8E:0.2, h27km, n15, r190/15, mb4.0/8, 3C, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM, DZM, URZ, STKA, WRA, ASAR, MJAR, CMAR, SONM, ILAR, ZALV, ARCES, ABTA, FETA, DAVA, TORD.

JMA 11 04:57:13.5, 0.1, 33.28N:137.18E, h55km, 1km, M3.6, 12D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TT02, TT01, TT01, TK01, TT03, TT04, TT04, TT05, TT05, TK03, TK03, JIE, JIE, JKN2, TK04, JKW, JWA, TSUJ, TSUJ, JWY, JWY, JWM, JWM.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Urewera, Coen, Rata Peaks, Stephens Creek, etc.

BEO 11 05:58:59.0, 5.0, 45.14N, 23.06E, h23km, 3km, ML 1.9/B

ISCJB 11 05:59:00.8, 0.5, 45.09N, 01:03:22.96E, 0.05, h24km, 5km

Error ellipse: s-maj=5.6km s-min=4.4km az=25.5

CSEM 11 05:59:00.8, 0.2, 45.11N, 22:29.2E, h20km, ML 1.9, Error ellipse: s-maj=5.7km s-min=4.3km az=101.0

BUC 11 05:59:00.3, 0.8, 45.18N, 23.06E, h11km, 8km, MD2.6/4, Error ellipse: s-maj=9.7km s-min=6.3km az=45.0

ISC 11 05:58:59.4, 1.0, 45.10N, 01:03:23.06E, 0.02, h15km, 8km, n34, c095/57, 13C-9D, Romania

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

ISCJB 11 05:59:26.0, 0.6, 50.26N, 01:05:18.83E, 0.03, h0km, Error ellipse: s-maj=7.3km s-min=2.7km az=172.2

CSEM 11 05:59:26.0, 0.3, 50.31N, 18.88E, h2km, ML2.5/5, Error ellipse: s-maj=7.0km s-min=2.5km az=1.0

IPEC 11 05:59:27.0, 0.2, 50.21N, 18.96E, h0km, ML 1.4/3, Error ellipse: s-maj=2.5km s-min=1.1km az=165.0

PRU 11 05:59:27.4, 50.27N, 18.88E, h0km

ISC 11 05:59:27.1, 1.0, 50.28N, 01:05:18.88E, 0.02, h0km, n18, c045/32, Poland

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

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

IDC 11 06:08:18.8, 1.9, 17.70S, 167.80E, h0km, mb3.6/4, mb1 3.9/5, mb1mx3.6/29, mbtmp3.6/5, ML3.6/1, Error ellipse: s-maj=39.9km s-min=33.3km az=15.0, Vanuatu Islands

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

IDC 11 06:11:56.5, 0.8, 17.46S, 167.59E, h0km, mb4.1/12, mb1 4.2/13, mb1mx4.1/33, mbtmp4.0/13, ML3.8/1, Error ellipse: s-maj=22.2km s-min=19.3km az=106.0

ISCJB 11 06:11:58.3, 0.6, 17.48S, 167.5E, 0.1, h19km, mb4.1/13, Error ellipse: s-maj=16.1km s-min=6.2km az=4.9

NEIC 11 06:12:01.8, 0.4, 17.50S, 167.56E, h35km, mb4.6/2, Error ellipse: s-maj=11.6km s-min=9.9km az=96.0

ISC 11 06:11:59.1, 0.7, 17.47S, 167.5E, 0.1, h19km, n25, c112/28, mb4.1/10, Vanuatu Islands

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

IDC 11 06:18:50.8, 0.7, 17.44S, 167.61E, h0km, mb4.3/15, mb1 4.4/16, mb1mx4.3/22, mbtmp4.3/16, ML4.3/1, MS4.0/17, Ms1 4.0/17, ms1mx3.8/33, Error ellipse: s-maj=21.4km s-min=15.4km az=147.0

ISCJB 11 06:18:52.6, 0.5, 17.53S, 167.63E, 0.08, h19km, mb4.4/21, MS3.9/15, Error ellipse: s-maj=11.6km s-min=7.7km az=112.1

NEIC 11 06:18:56.0, 0.4, 17.54S, 167.64E, h35km, mb4.6/8, Error ellipse: s-maj=10.7km s-min=8.7km az=120.0

AUST 11 06:18:59.5, 17.92S, 165.29E, h300km

ISC 11 06:18:53.9, 0.5, 17.52S, 167.08E, 0.10, h19km, n58, c112/52, mb4.5/19, MS4.0/15, Vanuatu Islands

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

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

DDA 11 06:24:56.4, 37.91N, 26.87E, h18km, MD2.8

ATH 11 06:24:56.2, 37.85N, 26.83E, h20km, 2km, MD2.9/5

ISK 11 06:24:57.2, 37.95N, 26.89E, h5km, ML2.7

CSEM 11 06:24:57.6, 0.2, 37.91N, 26.86E, h5km, MD2.9, Error ellipse: s-maj=4.9km s-min=3.8km az=69.0

ISC 11 06:24:56.6, 0.9, 37.91N, 26.86E, 0.02, h12km, 7km, n43, c095/71, Decadence Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like YER, AYVA, PRK, MANT, SIGR, DEMI, THRS, DURS.

IDC 11 06:26:12.0.0.7, 1.24N, 126.18E, h0km, mb4.1/15, mb1.4/2/16, mb1mx4.2/23, mbtmp4.1/16, ML3.4/1, MS3.5/3, Ms1.3.5/3, ms1mx2.9/49, Error ellipse: s-maj=36.1km s-min=14.1km az=73.0

ISCJB 11 06:26:17.2.0.3, 1.34N, 0.04x126.39E, 0.05, h47km, mb4.1/18, MS3.6/2, Error ellipse: s-maj=7.6km s-min=5.0km az=141.8

NEIC 11 06:26:17.2.0.2, 1.25N, 126.29E, h35km, mb4.3/3, Error ellipse: s-maj=12.4km s-min=5.2km az=63.0

AUST 11 06:26:17.1.2, 0.00x126.00E, h100km, DJA 11 06:26:19.0.0.3, 1.2N, 126.12E, h10km, MB5.3/1, MLV4.3/11, MW(B)4.7/1

ISC 11 06:26:18.9.0.5, 1.36N, 0.07x126.47E, 0.05, h47km, n44, s104/44, mb4.2/18, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TMT, LBM, SGI, KMS, SAN, LUW, MRS, NLA, SIJ, WRAB, WRA, QIS, AS31, ASAR, WRKA, MEEK, KLBR, KSAR, KSRS, STKA, MJAR, USRK, SONM, MSVF, MKAR, ZALV, KKAR, ABKAR, VVDA, ILAR, BRTR, ARCES, AKASG, FINES, HFS, TXAR, TORD.

IDC 11 06:26:29.2.0.7, 1.735S, 167.78E, h0km, mb4.1/15, mb1.4/3/16, mb1mx4.2/22, mbtmp4.1/16, ML3.9/1, Error ellipse: s-maj=23.0km s-min=18.3km az=100.0

ISCJB 11 06:26:31.6.0.5, 1.748S, 0.06x167.76E, 0.08, h27km, mb4.2/17, Error ellipse: s-maj=11.7km s-min=9.0km az=12.8

NEIC 11 06:26:33.3.0.5, 1.744S, 167.80E, h35km, mb4.8/2, Error ellipse: s-maj=9.5km s-min=8.7km az=162.0

ISC 11 06:26:33.3.0.5, 1.745S, 0.08x167.75E, 0.10, h27km, n33, s098/34, mb4.1/15, 2.1D, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM, MSVF, CTA, CTAR, URZ, STKA, WRA, ASAR, VVDA, MJAR, USRK.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GSPA, CMAR, ULR, SONM, NVAR, ILAR, SNA, USHA, TXAR, MKAR, ZALV, ARCES, AKASG, NOA, BRTR, GERES, ABTA, FETA, DAVA, ESCD, TORD, TORD.

CSEM 11 06:30:57.0.5.0, 4.03'N, 159.43'E, h8km, MD2.7, Error ellipse: s-maj=8.5km s-min=6.6km az=63.0

DDA 11 06:30:57.6.0.4, 5.02'N, 143.03'E, h7km, MD2.7

ISCJB 11 06:30:58.1.0.8, 4.02'N, 159.43'E, 0.05, h7km, 10km, Error ellipse: s-maj=7.4km s-min=5.8km az=136.1

ISC 11 06:30:58.0.1.1, 4.055'N, 0.03x143.03E, 0.04, h10km, gkm, n20, s057/27, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KARS, DIGO, EATA, EGRB, DAGI, DDEM, DDEM, ARTV, ARTV, DBAD, DBAD, BGA, BGA, BZM, EKAR, EKAR.

IDC 11 06:33:24.1.0.7, 1.743S, 167.71E, h0km, mb4.1/16, mb1.4/3/17, mb1mx4.3/21, mbtmp4.1/17, ML3.9/1, MS3.8/1, Ms1.3.8/1, ms1mx2.8/35, Error ellipse: s-maj=22.8km s-min=16.2km az=104.0

ISCJB 11 06:33:26.9.0.5, 1.746S, 0.06x167.66E, 0.09, h27km, mb4.2/18, MS3.6/1, Error ellipse: s-maj=12.4km s-min=7.8km az=13.6

NEIC 11 06:33:29.0.4.0, 1.746S, 167.66E, h35km, mb4.5/3, Error ellipse: s-maj=10.8km s-min=8.9km az=118.0

ISC 11 06:33:28.2.0.6, 1.746S, 0.08x167.8E, 0.11, h27km, n41, s103/33, mb4.2/15, 4.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM, DZM, EIDS, RMQ, CFI, CTAR, CTAR, URZ, MTSU, QLP, CNB, CMA, STKA, WRAB, WRA, ASAR, WRKA, MEEK, MORA, VVDA, MJAR, USRK, PETK, GSPA, CMAR, MAW, SONM, NVAR, ILAR, SNA, VNA, TXAR, MKAR, ZALV.

IDC 11 06:35:51.2.3.7, 5.82S, 150.68E, h0km, mb3.5/2, mb1.3.9/2, mb1mx3.4/28, mbtmp3.6/2, Error ellipse: s-maj=138.5km s-min=50.9km az=119.0, New Britain region

IDC 11 06:46:00.6.1.2, 17.43S, 167.80E, h0km, mb4.1/8, mb1.4/3/9, mb1mx4.1/20, mbtmp4.2/9, ML4.5/1, Error ellipse: s-maj=41.1km s-min=22.9km az=127.0

ISCJB 11 06:46:03.0.5.0.8, 17.49S, 0.07x167.0E, 0.2, h27km, mb4.0/9, Error ellipse: s-maj=25.4km s-min=9.6km az=1.1

ISC 11 06:46:04.0.8.0.17, 5S, 0.1x167.7E, 0.2, h27km, n14, s19/15, mb4.0/7, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM, STKA, WRA, ASAR, VVDA, MJAR, USRK, ILAR, SNA, VNA, TXAR, MKAR, ZALV.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GEYT, ARCES, GERES, FETA, DAVA, TORD, TORD.

KRNET 11 06:35:24.6.0.1, 3.924N, 75.65E, mb3.4, NNC 11 06:35:25.8.6.9, 3.979N, 75.28E, h0km, mb3.9, mpv3.5, Error ellipse: s-maj=51.1km s-min=40.5km az=120.0

ISC 11 06:35:26.4.2.8, 39.6N, 0.1x75.72E, 0.07, h28km, n23, s1956/30, 18C-SD, Southern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NRN, ARLS, ARLS, KZA, KZA, UCH, UCH, UCH, UCH, AML, AML, KDJ, KBK, AAK, AAK, EK2S, FRU, TKM2, TKM2, TKM2, CHMS, USP, KK31, KK31.

IDC 11 06:35:51.2.3.7, 5.82S, 150.68E, h0km, mb3.5/2, mb1.3.9/2, mb1mx3.4/28, mbtmp3.6/2, Error ellipse: s-maj=138.5km s-min=50.9km az=119.0, New Britain region

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

IDC 11 06:46:00.6.1.2, 17.43S, 167.80E, h0km, mb4.1/8, mb1.4/3/9, mb1mx4.1/20, mbtmp4.2/9, ML4.5/1, Error ellipse: s-maj=41.1km s-min=22.9km az=127.0

ISCJB 11 06:46:03.0.5.0.8, 17.49S, 0.07x167.0E, 0.2, h27km, mb4.0/9, Error ellipse: s-maj=25.4km s-min=9.6km az=1.1

ISC 11 06:46:04.0.8.0.17, 5S, 0.1x167.7E, 0.2, h27km, n14, s19/15, mb4.0/7, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM, STKA, WRA, ASAR, VVDA, MJAR, USRK, ILAR, SNA, VNA, TXAR, MKAR, ZALV.

IDC 11 06:47:53.4.1.4, 1.17S, 175.16E, h0km, mb3.9/6, mb1.4/0/6, mb1mx3.8/29, mbtmp3.9/6, Error ellipse: s-maj=34.9km s-min=30.6km az=90.0

ISC 11 06:47:57.0.1.2, 1.74S, 0.1x167.7E, 0.2, h25km, n7, s197/8, mb3.9/6, Vanuatu Islands

ISCJB 11 07:27:30.9.0.6, 37.24N.0.04-28.20E.0.05, h10km, 9km, Error ellipse: s-maj=8.6km s-min=4.9km az=44.6

DDA 11 07:27:30.9, 37.20N.28.20E, h7km, MD2.6

ISK 11 07:27:30.1, 37.27N.28.19E, h3km, MD2.6

CSEM 11 07:27:31.0.0.2, 37.24N.28.20E, h10km, MD2.6, Error ellipse: s-maj=6.3km s-min=3.8km az=49.0

ISC 11 07:27:31.1.1, 37.27N.0.03-28.20E.0.03, h12km, 7km, n16, e095/26, Turkey

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, ISC, h m s ISC. Lists stations like YER Yerkesik, TUR Turunc, AYD Tasoluk, DALY Dalian (Mu'la), BDRM Kayabasi, BODT Bodrum, AYD Zeytinkoy-Aydi, MANT Manisa.

WEL 11 07:46:27.9.0.4, 37.51S.176.34E, h282km, 3km, ML3.7/14, 5C-1D, Error ellipse: s-maj=3.6km s-min=3.4km az=90.0, North Island

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, ISC, h m s ISC. Lists stations like TOZ Tahuroa Road, URZ Urewera, HAZ Te Kaha, MWZ Matawai, RAGZ Rawiri, SHANNON Shannon Statio, etc.

ISCJB 11 07:48:48.1.0.7, 31.92S.0.04-70.05W.0.05, h122km, 7km, Error ellipse: s-maj=9.2km s-min=4.6km az=39.4

SJA 11 07:48:48.1.0.7, 31.93S.70.06W, h155km, 9km, ML3.2, MW3.2

GUC 11 07:48:48.1.0.7, 31.90S.0.17W, h12km, 12km, ML3.4

ISC 11 07:48:48.9.1.4, 31.30S.0.03-70.07W.0.04, h117km, 11km, n28, e095/50, 3C-2D, Chile-Argentina border region

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, ISC, h m s ISC. Lists stations like AUSP Uspallata, RTLS Leoncito, ASAL Salagasta, RTOV Cerro Valdivia, SJA San Juan, CERRO ARCO, PEIDHEUE, etc.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, ISC, h m s ISC. Lists stations like ANTU Antumapu, TLL Tololo Astrono, TACH Talagante, CHCH Chadas Angostu, etc.

ATH 11 08:01:42.1, 38.02N.27.05E, h21km, 4km, MD3.2/5

DDA 11 08:01:42.8, 37.87N.26.79E, h5km, MD3.1

THE 11 08:01:43.7, 37.96N.26.75E, h11km, 1km, ML3.0/5, Error ellipse: s-maj=2.0km s-min=1.1km az=188.0

CSEM 11 08:01:43.0.0.2, 37.86N.26.79E, h10km, ML3.0, Error ellipse: s-maj=5.3km s-min=3.9km az=48.0

ISK 11 08:01:43.1, 37.95N.26.85E, h17km, ML2.9

ELB 11 08:01:43.1.0.4, 37.88N.0.02-26.79E.0.02, h9km, 3km, Error ellipse: s-maj=3.7km s-min=2.6km az=137.1

ISC 11 08:01:43.1.0.8, 37.88N.0.02-26.80E.0.02, h14km, 6km, n63, e069/101, Dodecanese Islands

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, ISC, h m s ISC. Lists stations like SMG Samos, GZELCAMI, ZYR zmir, UZLA Izmir, BLCB Balcova, etc.

ISC 11 08:02:28.2.1.0, 17.68S.167.75E, h0km, mb4.0/10, mb1.4/21.1, mb1mx4.0/43, mbtmp4.0/11, ML4.0/1, MS3.9/2, Ms1.3.9/2, ms1mx3.0/83, Error ellipse: s-maj=30.6km s-min=21.1km az=05.0

ISCJB 11 08:06:30.1.0.7, 17.75S.0.07-167.7E.0.2, h23km, mb3.9/10, MS3.8/2, Error ellipse: s-maj=20.6km s-min=10.0km az=3.5

ISC 11 08:06:31.7.0.8, 17.75S.0.09-167.7E.0.2, h23km, n18, e191/17, mb4.1/10, Vanuatu Islands

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, ISC, h m s ISC. Lists stations like DZM Mont Dzumac, PMZ Port Moresby, URZ Urewera, STKA Stephens Creek, WRA Warrungarra Arr, etc.

ISCJB 11 08:08:17.6.0.5, 31.03N.0.05-140.7E.0.2, h110km, mb3.8/10, Error ellipse: s-maj=20.7km s-min=5.5km az=167.6

ISC 11 08:08:18.2.0.0, 30.95N.140.10E, h96km, 16km, mb3.6/10, mb1.3/8.11, mb1mx3.5/55, mbtmp3.9/11, Error ellipse: s-maj=32.9km s-min=15.9km az=92.0

JMA 11 08:08:19.2.0.4, 31.41N.140.94E, h9km, M4.1

ISC 11 08:08:19.8.0.7, 31.03N.0.07-140.6E.0.2, h110km, n22, e194/24, mb3.8/10, Southeast of Honshu

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, ISC, h m s ISC. Lists stations like JHJ2 Mitsune, JHJ2 Hachiojima 2, JHJ2 Boso, etc.

Code Station Name A° AZ° Phase ID Time Res ISC h m s ISC

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, ISC, h m s ISC. Lists stations like DZM Mont Dzumac, DZM 15m.0.3s, DZM 15m.0.3s, etc.

Code Station Name A° AZ° Phase ID Time Res ISC h m s ISC

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, ISC, h m s ISC. Lists stations like DZM Mont Dzumac, PMZ Port Moresby, URZ Urewera, STKA Stephens Creek, etc.

Code Station Name A° AZ° Phase ID Time Res ISC h m s ISC

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, ISC, h m s ISC. Lists stations like JHJ2 Mitsune, JHJ2 Hachiojima 2, JHJ2 Boso, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like H11S3 WAKE ISLAND, H11S1 WAKE ISLAND, H11S2 WAKE ISLAND, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GSMY Great Sitkin I, GSTR Great Sitkin T, GSTD Great Sitkin T, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, SOMN Sogingo Array, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MEX 11 08:37:57.3+1.6, 32.17N x 115.01W, etc.

IDC 11 08:09:51.8+1.1, 39.54N x 74.03E, h0km, mb3.8/9, mb1.4/0.13, mb1mx3.7/5.1, mbtmp3.8/13, ML3.5/4, MS2.8/1, Ms1.2.8/1, ms1mx2.2/5.9, Error ellipse: s-maj=22.6km s-min=16.1km az=150.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like H11N2 WAKE ISLAND Hy 35.19 210 T, H11N3 WAKE ISLAND Hy 35.20 210 T, etc.

ISCJB 11 08:42:36.7+1.8, 17.17S x 0.8:178.9W:0.4, h533km, mb3.5/6, Error ellipse: s-maj=116.1km s-min=2.0km az=153.6

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, NVAR Mina Array Bea, etc.

IDC 11 08:15:56.6+3.6, 17.25S x 167.77E, h0km, mb4.0/4, mb1.4/1.5, mb1mx3.7/4.2, mbtmp4.0/5, ML3.6/1, Vanuatu Islands s-maj=78.1km s-min=37.7km az=100.0, Error ellipse: s-maj=78.1km s-min=37.7km az=100.0, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, STKA Stephens Creek, WRA Warramunga Arr, etc.

IDC 11 08:52:53.2+3.5, 6.30S x 151.62E, h0km, mb3.9/2, mb1.4/2.3, mb1mx3.6/4.1, mbtmp4.0/3, ML1.7/1, Error ellipse: s-maj=175.2km s-min=42.0km az=127.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. 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. Includes stations like KSH Kashi, KSH KSH, KSH 730nm,0.8s, etc.

IDC 11 08:18:34.4+2.4, 17.16S x 167.47E, h0km, mb3.8/4, mb1.3/9.5, mb1mx3.6/4.3, mbtmp3.9/5, ML3.4/1, Error ellipse: s-maj=65.0km s-min=33.6km az=112.0

IDC 11 08:54:14.4+2.3, 18.01N x 145.71E, h136km, 22km, mb3.8/12, mb1.4/0.14, mb1mx3.6/5.4, mbtmp4.1/14, MS2.6/1, Ms1.2.6/1, ms1mx2.3/4.2, Error ellipse: s-maj=31.9km s-min=13.1km az=99.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GUMO Guam, GUMO 11nm,0.3s, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AAK Ala-Archa, AAK 177nm,0.6s, EKS Erkin-Say, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, STKA Stephens Creek, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MJAR Matsushiro Arr, H11S1 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, etc.

IDC 11 08:24:06.2+1.7, 17.09S x 168.66E, h0km, mb3.9/4, mb1.4/2.5, mb1mx3.7/4.2, mbtmp4.0/5, ML3.9/1, MS3.6/9, Ms1.3.6/9, ms1mx3.3/3.6, Error ellipse: s-maj=62.8km s-min=30.1km az=137.0, Vanuatu Islands

IDC 11 08:33:43.7+2.0, 17.09S x 167.87E, h0km, mb3.9/8, mb1.4/1.9, mb1mx3.8/4.0, mbtmp3.9/9, ML3.3/1, MS3.7/3, Ms1.3.8/3, ms1mx3.1/3.1, Error ellipse: s-maj=56.9km s-min=23.4km az=116.0

IDC 11 09:00:37.7+3.2, 54.11N x 87.47E, h0km, mb1.3/1/2, mb1mx3.0/3.1, mbtmp3.1/2, ML2.6/2, Error ellipse: s-maj=29.9km s-min=20.0km az=40.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WMQ Urumqi, KURBB Kurchatov Arr, KURBB Kurchatov Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, HNR Honiara, RAO Raoul Island, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, NVAR Mina Array Bea, etc.

IDC 11 08:14:01.3+0.5, 52.12N x 0.2:175.1W:0.1, h90km, 6km, mb3.5/4, Error ellipse: s-maj=40.6km s-min=6.4km az=168.0

IDC 11 08:33:43.7+2.0, 17.09S x 167.87E, h0km, mb3.9/8, mb1.4/1.9, mb1mx3.8/4.0, mbtmp3.9/9, ML3.3/1, MS3.7/3, Ms1.3.8/3, ms1mx3.1/3.1, Error ellipse: s-maj=56.9km s-min=23.4km az=116.0

IDC 11 09:04:19.2+0.7, 79.25N x 3.18E, h40km, ML2.9, Error ellipse: s-maj=44.4km s-min=8.4km az=1.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BRTR Keskin Array B, FINES FINES Array B, ARCES ARCES Array B, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, RPZ Pate Peaks, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

IDC 11 08:14:02.4+0.2, 52.18N x 15.17W, h73km, MG3.3(AEIC), After AEIC

IDC 11 08:33:47.1+1.4, 17.55S x 168.0E:0.3, h27km, n11, s=128/10, mb4.1/8, MS3.8/3, Vanuatu Islands

IDC 11 09:04:19.2+0.7, 79.25N x 3.18E, h40km, ML2.9, Error ellipse: s-maj=44.4km s-min=8.4km az=1.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ISCJB 11 08:14:01.3+0.5, IDC 11 08:14:01.3+0.5, NEIC 11 08:14:02.4+0.2, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, RPZ Pate Peaks, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KBS Kingsbay, KBS Kingsbay, SPA0 Spitsbergen Ar, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ELDT, KDNH, SVRH, CORM, AVNT, YOZ.

MEX 11 10:31:23.4-0.9,32.57N-115.09W,h15km,MD3.6, California-Baja California border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CBX, SP1G, SP1G.

IDC 11 10:38:14.5-1.5,5.31N-126.19E,h0km,mb3.7/6, mb1 3.8/6,mb1mx3.6/26,mbtmp3.7/6,Error ellipse: s-maj=135.5km s-min=20.2km az=67.0,Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA, ASAR, SONM, MKAR, KURBB, AKTO.

BUI 11 10:47:48.5,40.06N-20.07E,h5km,mb4.7/7,mb5.0/5, Ms4.7/2,Ms7.4/3

BE0 11 10:47:48.4,1.2,39.04N-20.29E,h0km,ML4.3/1 SKO 11 10:47:50.8,39.19N-20.54E,h0km,M3.9,ML4.4

ISCBJ 11 10:47:52.7,0.3,39.36N-20.42E,0.02,h17km,2km, s-min=1.8km az=143.2

NEIC 11 10:47:52.9,0.2,39.39N-20.57E,h10km,mb4.4/11, ML4.3(TH),Error ellipse: s-maj=4.1km s-min=3.2km az=210.0

PDG 11 10:47:52.9,0.6,39.38N-20.47E,h8km,1km,ML4.0/10, Error ellipse: s-maj=0.6km s-min=0.9km az=0.0

THE 11 10:47:52.6,3.32N-20.52E,h0km,3km,ML4.3/5, Error ellipse: s-maj=3.2km s-min=0.8km az=227.0

CSEM 11 10:47:53.0,0.1,39.36N-20.49E,h10km,mb4.6/29, Error ellipse: s-maj=3.1km s-min=2.2km az=50.0

ATH 11 10:47:53.1,39.37N-20.53E,h18km,1km,MD4.0/47, ML4.4

MOS 11 10:47:54.2,1.4,39.46N-20.50E,h33km,mb4.7/14, Error ellipse: s-maj=6.2km s-min=3.8km az=85.1

IDC 11 10:47:56.0,1.6,39.44N-20.57E,h36km,1.3km,mb4.2/29, mb1 4.2/44,mb1mx4.1/63,mbtmp4.3/44,ML4.1/13, Error ellipse: s-maj=10.2km s-min=0.9km az=14.0

ISC 11 10:47:52.8,0.4,39.35N-20.50E,0.02,h13km,2km, n533,1944/607,mb4.5/66,57C-31D,Greece-Albania border region

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations across the Greece-Albania border region.

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations in the Balkan region, including Greece, Albania, and North Macedonia.

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations in the Balkan region, including Greece, Albania, and North Macedonia.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUC, COCH, U65B, etc.

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

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

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

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

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

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

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

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

Table with columns: CUKAN, KANGAL_SIVAS, 1.49 63 eP, Pb, 14 53 35.6 +0.0, etc.

Table with columns: CPBX, Cerro Prieto, 0.31 338 eP, Pg, 15 16 16.1 -0.5, etc.

Table with columns: SGCP, Mt. Cagua, 1.05 76 eP, Pb, 15 27 08.8 +1.1, etc.

ISCJB 11 14:54:35.6, 0.6, 37.88N, 0.03, 26.79E, 0.04, h12km, 5km, Error ellipse: s-maj=6.2km s-min=4.5km az=140.3

ATH 11 14:54:35.3, 37.79N, 26.74E, h22km, 1km, MD2.8/5 DDA 11 14:54:36.4, 37.93N, 26.85E, h7km, MD2.8

ISC 11 14:54:36.3, 37.96N, 26.85E, h6km, MD2.5 CSEM 11 14:54:36.4, 0.1, 37.92N, 26.84E, h2km, MD2.8, Error ellipse: s-maj=3.4km s-min=2.4km az=65.0

ISC 11 14:54:35.9, 0.9, 37.90N, 0.03, 26.83E, 0.03, h10km, 9km, n25, c057/38, Dodecanese Islands

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

ISC 11 15:22:21.0, 0.7, 14.33N, 124.08E, h0km, mb4.0/1.3, mb1.4/1.4, mb1mx3.9/4.5, mbtmp0.4/1.4, ML4.0/1, MS3.3/1.0, Ms1.3/4.0, ms1mx3.0/5.1, Error ellipse: s-maj=29.8km s-min=13.8km az=74.0

ISCJB 11 15:22:50.4, 0.4, 14.56N, 0.03, 124.16E, 0.04, h10km, mb4.0/1.6, MS3.2/8, Error ellipse: s-maj=6.2km s-min=4.3km az=2.4

MAN 11 15:22:23, 14.55N, 124.21E, h18km, mb4.9, ML3.9, MS4.0 NEIC 11 15:22:27, 1.1, 14.34N, 124.17E, h42km, 13km, mb4.3/3, Error ellipse: s-maj=14.2km s-min=6.4km az=73.0

ISC 11 15:22:23, 1.0, 5, 14.50N, 0.04, 124.18E, 0.06, h10km, n56, c1849/51, mb4.1/1.6, MS3.1/8, 3C-2D, Luzon

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

ISC 11 15:28:02.2, 2.4, 63.49S, 170.69E, h0km, mb3.6/2, mb1.4/0.3, mb1mx3.8/2.3, mbtmp3.8/3, ML3.7/1, MS3.9/4, Ms1.3/4.4, ms1mx3.5/1.8, Error ellipse: s-maj=91.0km s-min=38.6km az=70.0, Balleny Islands region

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

BEO 11 15:36:42.0, 9.5, 45.13N, 23.10E, h7km, 3km, ML2.1/8 CSEM 11 15:36:43.0, 0.2, 45.12N, 23.01E, h2km, ML2.1, Error ellipse: s-maj=5.2km s-min=3.5km az=107.0

BUC 11 15:36:44.2, 1.0, 45.18N, 23.05E, h10km, MD2.6/4, Error ellipse: s-maj=9.8km s-min=7.0km az=38.0

ISC 11 15:36:43.8, 1.0, 45.12N, 0.02, 23.02E, 0.02, h11km, 8km, n54, c083/82, 14C-16D, Romania

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

MEX 11 14:59:29.0, 2.0, 8, 32.47N, 115.10W, h17km, 13km, MD4.0 ECX 11 14:59:29.0, 8.5, 32.31N, 115.33W, h6km, MD2.9, ML3.1

NEIC 11 14:59:29.8, 0.2, 31N, 115.33W, h9km, ML3.0(PAS), ML3.2(ECX), After EYX

ISC 11 14:59:28.0, 8, 32.32N, 0.03, 115.33W, 0.03, h14km, 6km, n25, c086/37, 3C-5D, California-Baja California border region

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

ISC 11 15:22:23, 1.0, 5, 14.50N, 0.04, 124.18E, 0.06, h10km, n56, c1849/51, mb4.1/1.6, MS3.1/8, 3C-2D, Luzon

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

ISC 11 15:28:02.2, 2.4, 63.49S, 170.69E, h0km, mb3.6/2, mb1.4/0.3, mb1mx3.8/2.3, mbtmp3.8/3, ML3.7/1, MS3.9/4, Ms1.3/4.4, ms1mx3.5/1.8, Error ellipse: s-maj=91.0km s-min=38.6km az=70.0, Balleny Islands region

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

ISCJB 11 15:08:53.0, 0.8, 47.75N, 0.07, 92.01W, 0.07, h0km, Error ellipse: s-maj=8km s-min=7.0km az=175.6

NEIC 11 15:08:54.0, 0.7, 47.72N, 91.89W, h0km, MD3.1, Error ellipse: s-maj=10.8km s-min=10.0km az=182.0, Suspected Mining explosion.

NEIC 20km [15 miles] S of Ely, ID 11 15:08:55.8, 0.4, 47.70N, 92.04W, h0km, mb1.2/7.1, mb1mx2.6/2.8, mbtmp2.7/1, ML1.2/1, Error ellipse: s-maj=87.0km s-min=27.9km az=47.0

ISC 11 15:08:54.0, 1.3, 47.72N, 0.07, 91.94W, 0.06, h0km, n7, c1507/3, Minnesota

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

ISC 11 15:26:48, 18.00N, 120.97E, h32km, mb4.1, ML2.9, MS2.6, 1C, Luzon

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

ISC 11 15:36:58.7, 3.5, 17.61S, 167.78E, h0km, mb3.9/3, mb1.4/1.4, mb1mx3.7/3.2, mbtmp3.9/4, ML3.7/1, Error ellipse: s-maj=75.4km s-min=39.7km az=101.0

ISCJB 11 15:37:01.8, 2.5, 17.69S, 0.09, 167.6E, 0.4, h27km, mb3.9/3, Error ellipse: s-maj=54.1km s-min=12.9km

ISC 11 15:37:02.8, 2.8, 17.7S, 0.1, 167.8E, 0.5, h27km, n6, c032/7, mb3.9, Vanuatu Islands

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

NEIC 11 15:16:10.5, 32.13N, 115.18W, h10km, ML2.6(PAS), ML2.9(ECX), After ECX

ECX 11 15:16:10.4, 0.5, 32.13N, 115.17W, h10km, MD2.7, ML2.9, 1C-4D, California-Baja California border region

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

MAN 11 15:26:48, 18.00N, 120.97E, h32km, mb4.1, ML2.9, MS2.6, 1C, Luzon

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

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Palaio Diesel, Lefkada island, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KRND KRANIDI, ATH Athens Observa, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CFAA comp=2.0,6nm,0.3s, etc.

11d 17h

Table with columns for station name, frequency, power, and other technical details. Includes stations like SOKA Soboth, GOPC GO Ptery Ondr, and many others.

2010 AUG

Table with columns for station name, frequency, power, and other technical details. Includes stations like CLTB Calitabellotta, GR1B Grafenberg Arr, and many others.

600

Table with columns for station name, frequency, power, and other technical details. Includes stations like CD2 comp=Z,470nm,9.0s, CMAH Djebel Manchou, and many others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PLG Polygyros, OUR Ouranopolis, etc.

NEIC 11 17:32:25.3, 2.2, 4.97N, 95.11E, h78km, 18km, mb4.5/3, Error ellipse: s-maj=29.7km s-min=9.2km az=61.0, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LHMI Lhok Sumawe, PSI Prapat, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LSA Lhasa, H08S2 Diego Garcia H, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GEYT Alibek, KURBB Kurchatov Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KURK Kurchatov, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZALV Zalesovo Beam, BVAR Borovoye Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BRTR Keskin Array B, FINES FINES Array B, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HFS Hagfors, DAVOX Davos/Dischmat, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EKA Eskdalemuir Arr, IDC 11 17:46:21.0, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMIG Matias Romero, TXAR Lajitas Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NVAR Mina Array Bea, YKAR Yellowknife Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ILAR Ileana Array, CMAR Chiang Mai Arr, etc.

ATH 11 18:00:31.5, 36.19N, 21.71E, h11km, 2km, MD3.5/18, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUR Goura, GUR Goura, KLV Kalavryta, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAN 11 18:24:12.8, BIPH Bislig, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BUKP Musuan, CGP Cagayan de Oro, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSLP Maasin, TBP Tagbilaran, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OCLP Ormoc, PAGZ Pagadian, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MMIG Aquila, EZSV Ezev, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like R1SV R1SV, NIED 11 18:51:00, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JANG Nango, JMK Ichinoseki, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JRG Rokugo, JYK Kanayama, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAJ Matias Romero, MJAR Matsushiro Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAT Matsushiro, USRK Utsuriyaki Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSRS Kores Array, ZALV Zalesovo Beam, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EFP Efpalio, SMIA Simia, etc.

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RLS Riolos of Patr, RLS Riolos of Patr, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ISCJB 11 19:10:19, ISCJB 11 19:10:19, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BUI 11 19:10:20, BUI 11 19:10:20, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 11 19:10:21, IDC 11 19:10:21, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GCMT 11 19:10:21, GCMT 11 19:10:21, etc.

Moment Tensor Solution. s89,c145; s87,c164; Duration: 122 Moment tensor: Scale 10^17Nm, etc.

MAN 11 18:24:12.8, 8.96N, 126.51E, h32km, mb4.6, ML3.4, MS3.4, 2C, Mindanao

MEX 11 18:35:14.2, 0.8, 17.85N, 102.04W, h26km, 36km, MD4.2, Near coast of Michoacan

NIED 11 18:51:00, 39.40N, 143.50E, h23km, Mw3.7 Best double couple: M4.26000, 1014, NP1.9, 167.00000, etc.

JMA 11 18:51:21.4, 0.1, 39.44N, 143.49E, h29km, 4km, M3.8, ISC 11 18:51:22.8, 3.39, 46N, 106.143, 4E, 0.1, h18km, 18km, n22, 0.97425, mb3.6, E, off east coast of Honshu

NEIC 11 19:10:21, 7.0, 1.7, 55S, 107.04E, 0.02, h37km, mb5.6/164, MS4.7/161, Error ellipse: s-maj=3.6km s-min=2.2km az=27.4

NEIC Flg [IV] at Pangandaran and [III] at Bandung, Bogor, Cianjur and Jakarta. Also felt at Cikarang, Cimahi, Depok, Karawang, Padalarang and Sukabumi.

AUST 11 19:10:21, 7.0, 6.7, 86S, 106.92E, h42km, 6km Error ellipse: s-maj=3.1km s-min=5.4km az=49.0

KLM 11 19:10:22, 8.7, 85S, 107.17E, h62km, mb5.5, ML5.4, MS6.2, DJA 11 19:10:23, 0.2, 8, 2, 107.7E, h50km, 2km, MS5.5/116, mb5.7/116, mb5.9/89, MLV5.9/45, Mw(B)5.8/89, Mwps.7/10

MOS 11 19:10:28, 0.8, 6.85S, 107.05E, h83km, mb5.7/52, MS4.7/44, Error ellipse: s-maj=9.2km s-min=4.8km az=113.3

ISC 11 19:10:21, 6.3, 75S, 104.04E, 0.04, h43km, 1km, h43km, PP-P, n1518, e1934/1462, mb5.6/180, MS4.7/164, 98C-42D, Jawa

Table with columns: Station, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like JMBI, KMMI, JAGI, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MTN, RCP, BLDU, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like GYA, JAY, JAYapura, etc.

LAO	baz=132	LASA Array	131.69	30	ePKP	PKP	LR	19 29 29.3	-0.8
DUG	comp=Z,270nm,19.0s	Dugway	131.81	41	ePKP	PKP	MLR	19 29 26.8	-3.9
DUG	comp=Z,240nm,19.0s	Dugway	131.81	41	PKIKP	PKIKP		19 29 31.6	-0.1
DUG	baz=132	Dugway	131.81	41	ePKP	PKP	SKPbc	19 29 26.8	-3.9
DUG	baz=132	Dugway	131.81	41	eSKP	SKPbc	LR	19 32 53.5	+0.2
HEC	comp=Z,240nm,19.0s	Hector,Ludlow	131.83	49	PKIKP	PKIKP		19 29 31.9	+0.1
HWUT	baz=132	Hardware Ranch	131.84	39	ePKP	PKP	SKPbc	19 29 31.5	+0.8
HWUT	baz=132	Hardware Ranch	131.84	39	eSKP	SKPbc	LR	19 32 53.1	-0.2
TUQ	comp=Z,187nm,21.0s	Turquoise Moun	131.88	48	PKIKP	PKIKP		19 29 32.0	0.0
O19A	baz=132	Meeteetse	131.94	35	PKIKP	PKIKP		19 29 31.8	-0.1
SHPR	baz=132	Sheep Range	131.98	47	ePKP	PKP	SKPbc	19 29 33.3	+2.2
B25A	baz=132	Knox Farm, Ray	132.01	27	PKIKP	PKIKP		19 32 54.4	+0.4
A26A	baz=132	Wade Farm, Ken	132.03	26	PKIKP	PKIKP		19 29 31.5	-0.3
H20A	baz=132	Greybull	132.21	34	PKIKP	PKIKP		19 29 31.9	-0.4
PFO	comp=Z,26nm,1.3s, baz=297, slow=4.2, SNR=10	Pinyon Flat Ob	132.22	51	PKP	PKP	SKPbc	19 29 32.8	+1.2
PFO	comp=Z,5.7nm,0.7s, baz=325, slow=1.2, SNR=8.3	Pinyon Flat Ob	132.22	51	ePKP	PKP	SKPbc	19 32 52.9	-1.9
PFO	comp=Z,26nm,1.3s, baz=297, slow=4.2, SNR=10	Pinyon Flat Ob	132.22	51	PKP	PKP	SKPbc	19 29 32.8	+1.2
PFO	comp=Z,26nm,1.3s, baz=297, slow=4.2, SNR=10	Pinyon Flat Ob	132.22	51	ePKP	PKP	SKPbc	19 32 52.9	-1.9
CTU	comp=Z,269nm,21.0s	Camp Tracy	132.23	40	ePKP	PKP	SKPbc	19 29 34.1	+2.6
GMRC	baz=132	Granite Moun	132.35	49	PKIKP	PKIKP		19 29 33.1	+0.2
C25A	baz=132	Fred Ranch, W	132.38	27	PKIKP	PKIKP		19 29 32.6	+0.1
J19A	baz=132	Crowheart	132.38	36	PKIKP	PKIKP		19 29 32.5	-0.3
BW06	baz=132	Boulder Array	132.39	36	PKIKP	PKIKP		19 29 40.0	+8.2
PDAR	comp=Z,273nm,22.0s	Pinedale Array	132.39	36	PKP	PKP	SKPbc	19 29 31.6	-0.2
PDAR	comp=Z,6.6nm,0.6s, baz=332, slow=5.7, SNR=21	Pinedale Array	132.39	36	ePKP	PKP	SKPbc	19 32 53.1	-2.2
BELC	comp=Z,9.0nm,0.9s, baz=332, slow=5.1, SNR=13	Belle Mtn. Jos	132.42	51	PKIKP	PKIKP		19 29 30.2	+0.1
NLU	baz=132	North Lily Min	132.42	41	ePKP	PKP	SKPbc	19 29 34.2	+2.2
NLU	baz=132	North Lily Min	132.42	41	eSKP	SKPbc	LR	19 32 56.0	+0.5
I20A	baz=132	World	132.48	34	PKIKP	PKIKP		19 29 32.3	+0.5
M3P	baz=132	Monument Peak	132.52	52	PKIKP	PKIKP		19 29 33.6	+0.1
SCHQ	comp=Z,18nm,0.5s, baz=9.4, slow=2.4, SNR=33	Schefferville	132.56	355	PKP	PKP	SKPbc	19 29 32.0	+0.5
SCHQ	comp=Z,16nm,0.8s, baz=333, slow=2.3, SNR=10	Schefferville	132.56	355	ePKP	PKP	SKPbc	19 29 32.0	+0.5
SCHQ	comp=Z,16nm,0.8s, baz=333, slow=2.3, SNR=10	Schefferville	132.56	355	ePKP	PKP	SKPbc	19 32 55.5	+0.4
SCHQ	comp=Z,16nm,0.8s, baz=333, slow=2.3, SNR=10	Schefferville	132.56	355	eSKP	SKPbc	LR	19 32 55.5	+0.4
H21A	baz=132	Big Horn, Sher	132.64	33	PKIKP	PKIKP		19 29 33.2	0.0
O16A	baz=132	Springville	132.66	40	ePKP	PKP	SKPbc	19 29 27.2	-5.1
A28A	baz=133	Rude Farm, Bot	132.76	24	PKIKP	PKIKP		19 29 32.6	-0.6
D25A	baz=133	Fairfield	132.76	28	PKIKP	PKIKP		19 29 33.0	-0.3
C26A	baz=133	Wahner Farm, P	132.82	27	PKIKP	PKIKP		19 29 33.3	-0.1
J20A	baz=133	Shoshoni	132.88	35	PKIKP	PKIKP		19 29 33.5	-0.3
BC3	baz=133	Big Chuckwall	132.97	50	PKIKP	PKIKP		19 29 33.9	-0.3
SWSC	baz=133	Sam W. Stewart	132.99	51	PKIKP	PKIKP		19 29 33.9	-0.2
IRM	baz=133	Iron Mountain	132.99	50	PKIKP	PKIKP		19 29 33.6	-0.5
H22A	baz=133	Clearmont	133.03	33	PKIKP	PKIKP		19 29 33.4	-0.6
I21A	baz=133	Big Trails, Te	133.04	34	PKIKP	PKP	SKPbc	19 29 33.2	+0.3
B28A	baz=133	Dugan Ranch, T	133.08	25	PKIKP	PKIKP		19 29 33.5	-0.3
MSU	baz=133	Marysvalle	133.10	43	eSKP	SKPbc	LR	19 32 58.6	-1.1
G23A	baz=133	Biddle	133.13	31	PKIKP	PKP	SKPbc	19 29 33.5	+0.6
C27A	baz=133	Saylor Ranch,	133.16	26	PKIKP	PKIKP		19 29 33.7	-0.3
A29A	baz=133	Manning Farm,	133.17	24	PKIKP	PKIKP		19 29 33.5	-0.5
E25A	baz=133	Miller Ranch,	133.20	29	PKIKP	PKIKP		19 29 34.0	-0.2
J21A	baz=133	Lysite	133.25	35	PKIKP	PKP	SKPbc	19 29 33.8	+0.5
D26A	baz=133	Manning	133.26	28	PKIKP	PKIKP		19 29 34.0	-0.3
ULM	comp=Z,220nm,0.7s, baz=319, slow=2.2, SNR=26	Lac du Bonnet	133.31	20	PKP	PKP	SKPbc	19 29 33.3	+0.4
ULM	comp=Z,220nm,0.7s, baz=319, slow=2.2, SNR=26	Lac du Bonnet	133.31	20	ePKP	PKP	SKPbc	19 32 56.6	-1.2
ULM	comp=Z,20nm,0.8s, baz=344, slow=4.1, SNR=18	Lac du Bonnet	133.31	20	PKIKP	PKP	SKPbc	19 29 33.2	+0.2
ULM	comp=Z,20nm,0.8s, baz=344, slow=4.1, SNR=18	Lac du Bonnet	133.31	20	ePKP	PKP	SKPbc	19 29 33.2	+0.2
ULM	comp=Z,20nm,0.8s, baz=344, slow=4.1, SNR=18	Lac du Bonnet	133.31	20	eSKP	SKPbc	LR	19 32 56.6	-1.2
I22A	baz=133	9 Mile Ranch,	133.43	33	PKIKP	PKP	SKPbc	19 29 34.1	+0.5
B29A	baz=133	Wagenman Farm,	133.48	24	PKIKP	PKP	SKPbc	19 29 33.9	+0.5
A30A	baz=133	Hoffart Farm,	133.52	23	PKIKP	PKP	SKPbc	19 29 33.9	+0.5
TRQA	baz=133	Tornquist	133.52	192	PKIKP	PKIKP		19 29 50.0	+1.6
G24A	comp=Z,923nm,19.0s	Alzada	133.54	31	PKIKP	PKP	SKPbc	19 29 34.1	+0.4
P17A	baz=133	Butcher Ranch,	133.55	41	ePKP	PKP	SKPbc	19 29 36.0	+2.0
P17A	baz=133	Butcher Ranch,	133.55	41	eSKP	SKPbc	LR	19 33 02.1	+0.6
D27A	baz=134	Center	133.61	27	PKIKP	PKIKP		19 29 34.6	-0.4
Y12C	baz=134	Blythe	133.64	50	PKIKP	PKP	SKPbc	19 29 34.7	+0.6
C28A	baz=134	Hausauer Farms	133.64	25	PKIKP	PKP	SKPbc	19 29 34.4	+0.6
E26A	baz=134	Carlson Angus	133.66	28	PKIKP	PKIKP		19 29 34.6	-0.5
GLA	baz=134	Glamis	133.69	51	PKIKP	PKP	SKPbc	19 29 34.8	+0.5
GLA	baz=134	Glamis	133.69	51	eSKP	SKPbc	LR	19 32 59.1	-0.7
PDMC1	baz=134	Parker Dam,Lak	133.69	49	PKIKP	PKP	SKPbc	19 29 34.8	+0.6
J22A	baz=134	Midwest	133.75	34	PKIKP	PKP	SKPbc	19 29 34.5	+0.2
MDND	baz=134	Maddock	133.87	25	PKIKP	PKP	SKPbc	19 29 34.6	+0.4
MDND	baz=134	Maddock	133.87	25	eSKP	SKPbc	LR	19 32 59.8	-0.1
H24A	baz=134	Dirks Ranch, A	133.87	31	PKIKP	PKP	SKPbc	19 29 34.6	+0.2
SRU	baz=134	San Rafael	133.88	41	ePKP	PKP	SKPbc	19 29 36.1	+1.4
SRU	baz=134	San Rafael	133.88	41	ePKP	PKP	SKPbc	19 29 36.1	+1.4
B30A	baz=134	Mryvik Farm, E	133.90	23	PKIKP	PKIKP		19 29 35.1	-0.4
I23A	baz=134	Meade Ranch, G	133.93	33	PKIKP	PKP	SKPbc	19 29 35.1	+0.5
F26A	baz=134	Lodgepole	134.02	29	PKIKP	PKIKP		19 29 35.5	-0.4
E27A	baz=134	Carlson	134.11	27	PKIKP	PKIKP		19 29 35.9	-0.1
G25A	baz=134	Newell	134.13	30	PKIKP	PKP	SKPbc	19 29 35.2	+0.4
K22A	baz=134	Casper	134.21	35	PKIKP	PKP	SKPbc	19 29 35.6	+0.5
K22A	baz=134	Casper	134.21	35	ePKP	PKP	SKPbc	19 29 35.7	+0.5
K22A	baz=134	Casper	134.21	35	eSKP	SKPbc	LR	19 33 01.1	-0.3

J23A	baz=134	Dilts Ranch, B	134.26	33	PKIKP	PKP	SKPbc	19 29 35.5	+0.3
F27A	baz=134	Leমন	134.31	28	PKIKP	PKP	SKPbc	19 29 35.7	+0.6
E28A	baz=134	Huff	134.39	27	PKIKP	PKP	SKPbc	19 29 35.8	+0.6
I24A	baz=134	Kuemmerle Ranc	134.45	32	PKIKP	PKP	SKPbc	19 29 36.2	+0.7
C30A	baz=134	Mose, Pekin	134.45	24	PKIKP	PKIKP		19 29 36.2	-0.5
G26A	baz=134	Maurine	134.46	29	PKIKP	PKP	SKPbc	19 29 36.1	+0.7
D29A	baz=134	Pettibone, Tap	134.49	25	PKIKP	PKIKP		19 29 36.3	-0.4
RSSD	baz=134	Black Hills	134.57	31	ePKP	PKP	SKPbc	19 29 35.2	-0.7
RSSD	baz=134	Black Hills	134.57	31	ePKP	PKP	SKPbc	19 29 35.1	-0.7
RSSD	baz=134	Black Hills	134.57	31	eSKP	SKPbc	LR	19 33 01.2	-1.3
K23A	baz=134	Bowen Ranch, D	134.65	34	PKIKP	PKP	SKPbc	19 29 36.6	+0.6
G27A	baz=135	Dupree	134.72	29	PKIKP	PKIKP		19 29 37.2	-0.1
O20A	baz=135	White River Ci	134.75	39	PKIKP	PKIKP		19 29 37.5	-0.3
O20A	baz=135	White River Ci	134.75	39	ePKP	PKP	SKPbc	19 29 37.7	+1.4
O20A	baz=135	White River Ci	134.75	39	eSKP	SKPbc	LR	19 33 03.6	+0.3
D30A	baz=135	Dixon Ranch, L	134.79	33	PKIKP	PKIKP		19 29 37.2	-0.4
D30A	baz=135	Buchanan	134.81	25	PKIKP	PKIKP		19 29 37.0	-0.3
E29A	baz=135	Napoleon	134.86	26	PKIKP	PKIKP		19 29 37.2	-0.3
H26A	baz=135	Fairpoint	134.86	30	PKIKP	PKIKP		19 29 37.2	-0.4
F28A	baz=135	McLaughlin	134.89	27	PKIKP	PKIKP		19 29 37.2	-0.4
AGMN	baz=135	Agassiz Nation	134.96	22	PKIKP	PKIKP		19 29 37.2	-0.4
AGMN	baz=135	Agassiz Nation	134.96	22	ePKP	PKP	SKPbc	19 29 37.2	+0.1
AGMN	baz=135	Agassiz Nation	134.96	22	eSKP	SKPbc	LR	19 33 02.5	-0.9
K24A	comp=Z,271nm,21.0s	Anderson Ranch	135.12	33	PKIKP	PKIKP		19 29 37.6	-0.7
WUAZ	comp=Z,240nm,19.0s	Wupatki	135.16	46	PKIKP	PKIKP		19 29 50.0	+1.3
H27A	comp=Z,240nm,19.0s	Howe	135.19	30	PKIKP	PKIKP		19 29 37.9	-0.4
J25A	baz=135	Sunshine Ranch	135.20	32	PKIKP	PKIKP		19 29 38.0	-0.4
E30A	baz=135	Juc	135.22	25	PKIKP	PKIKP		19 29 37.8	-0.5
I26A	baz=135	New Underwood	135.24	31	PKIKP	PKIKP		19 29 38.0	-0.4
PV04	baz=135	Paradox Valley	135.34	41	eSKP	SKPbc	LR	19 33 04.8	-4.4
F29A	baz=135	Eureka	135.34	27	PKIKP	PKIKP		19 29 38.1	-0.4
G28A	baz=135	Parade	135.42	28	PKIKP	PKIKP		19 29 38.3	-0.4
I27A	baz=135	Quinn	135.62	30	PKIKP	PKIKP		19 29 38.7	-0.5
J26A	baz=136	Sains Ranch, S	135.64	32	PKIKP	PKIKP		19 29 38.9	-0.4
N23A	baz=136	Red Feather La	135.67	36	PKIKP	PKIKP		19 29 39.0	-0.7
H28A	baz=136	Mission Ridge	135.67	29	PKIKP	PKIKP		19 29 39.0	-0.2
214A	baz=136	Organ Pipe Nat	135.69	51	PKIKP	PKIKP		19 29 38.9	-0.7
F30A	baz=136	Mack Ranch, Ha	135.70	33	PKIKP	PKIKP		19 29 38.9	-0.4
L25A	baz=136	Engelbretsen Ra	135.93	33	PKIKP	PKP	SKPbc	19 29 39.0	+0.6
K26A	baz=136	Motz Farm, Whi	136.01	32	PKIKP	PKIKP		19 29 39.3	-0.8
H29A	baz=136	Onida	136.09	28	PK				

X28A	Dimmitt	141.98	41	PKIKP	PKIKP	19 29 52.5	0.0
X34A	Chapman	142.00	31	PKIKP	PKIKP	19 29 52.3	-0.1
O36A	Bolckow	142.03	28	PKIKP	PKIKP	19 29 52.3	0.0
KSU1	Kansas State U	142.03	30	PKIKP	PKIKP	19 29 52.6	+0.3
KSU1	Kansas State U	142.03	30	PFAKE LR	LR	19 30 00.0	+11
U31A	Nine Bar Ranch	142.23	37	PKIKP	PKIKP	19 29 53.2	+0.3
R34A	Isabella, Hill	142.31	32	PKIKP	PKIKP	19 29 53.2	+0.2
X29A	Tulia	142.35	41	PKIKP	PKIKP	19 29 53.3	+0.1
Z28A	Tucker Farm, M	142.60	43	PKIKP	PKIKP	19 29 53.5	-0.3
Y29A	Porterfield Fa	142.73	41	PKIKP	PKIKP	19 29 54.1	0.0
S34A	Willow Spring	142.83	32	PKIKP	PKIKP	19 29 54.0	0.0
X30A	Coker Ranch, T	142.88	40	PKIKP	PKIKP	19 29 54.6	+0.3
128A	Castleberry Fa	142.93	44	PKIKP	PKIKP	19 29 54.8	+0.3
W31A	Holland Ranch,	142.97	38	PKPfd	PKPfd	19 29 48.8	-2.4
LONY	Lake Ozonia	143.01	2	PFAKE LR	LR	19 30 00.0	+9.0
Z29A	Hungry Hill Ra	143.07	42	PKPfd	PKPbc	19 29 49.5	+1.0
CPUB	Villa Florida	143.09	20.4	PKHkp	PKPpre	19 29 48.1	
228A	UT Block 9, Go	143.15	44	PKPfd	PKPbc	19 29 49.6	+0.9
V32A	Arapaho	143.15	37	PKPfd	PKPbc	19 29 49.6	+1.1
R36A	Gordon, Harris	143.19	30	PKPfd	PKPbc	19 29 48.6	+0.1
U33A	Lingo Farm, Me	143.20	35	PKPfd	PKPbc	19 29 48.9	+0.4
Y30A	Stafford Catti	143.22	41	PKPfd	PKPbc	19 29 49.7	+0.9
S35A	Ocker Ranch Ra	143.26	32	PKPfd	PKPbc	19 29 48.7	+0.1
Q37A	Longview Farm,	143.26	29	PKPfd	PKPab	19 29 47.8	+0.4
T34A	McClaskey Farm	143.28	33	PKPfd	PKPbc	19 29 48.8	+0.1
X31A	McDonald Ranch	143.32	39	PKPfd	PKPbc	19 29 49.8	+0.8
129A	Stewart Farms,	143.34	43	PKPfd	PKPbc	19 29 50.0	+0.9
LBNH	Lisbon	143.40	359	ePKIKP	PKPbc	19 29 49.3	+0.4
LBNH	Lisbon	143.40	359	ePKPfd	PKPbc	19 29 49.3	+0.4
W32A	Sentinel	143.44	38	PKPfd	PKPbc	19 29 50.1	+0.8
Z30A	Sanderson Ranc	143.44	42	PKPfd	PKPbc	19 29 50.0	+0.6
U34A	Anderson Ranch	143.52	34	PKPfd	PKPbc	19 29 49.7	+0.3
U34A	Anderson Ranch	143.52	34	ePKPpre	PKPbc	19 29 49.6	+0.1
R37A	Teagarden Farm	143.53	30	PKPfd	PKPbc	19 29 49.1	-0.3
Y34A	Rekieta Farm,	143.57	40	PKPfd	PKPbc	19 29 50.3	+0.6
S36A	Lake Cedric, C	143.60	31	PKPfd	PKPbc	19 29 49.6	-0.1
NCB	Newcomb	143.67	2	ePKPfd	PKPbc	19 29 49.9	+0.3
NCB	Sooner Cattle	143.73	33	PKPfd	PKPbc	19 29 50.3	+0.3
229A	Bryant Ranch,	143.77	44	PKPfd	PKPbc	19 29 51.1	+0.7
TXAR	Lajitas Array	143.88	49	PKP	PKPbc	19 29 51.9	+1.0
TXAR	Caddo, Fort Co	143.88	37	PKPfd	PKPbc	19 33 24.9	-3.7
W33A	Elmer	143.88	38	PKPfd	PKPbc	19 29 51.0	+0.4
X32A	Elmer	143.88	38	PKPfd	PKPbc	19 29 51.0	+0.4
329A	Wagon Wheel Ra	143.93	45	PKPfd	PKPbc	19 29 51.8	+0.9
T36A	Boggs Farm, Ca	143.96	32	PKPfd	PKPbc	19 29 50.8	+0.1
S37A	Fort Scott	143.96	30	PKPfd	PKPbc	19 29 50.6	-0.1
V34A	Guthrie	143.96	35	PKPfd	PKPbc	19 29 51.1	+0.3
V34A	Guthrie	143.96	35	ePKPfd	PKPbc	19 29 51.3	+0.5
130A	Snyder	143.97	42	PKPfd	PKPbc	19 29 51.7	+0.7
WMOK	Wichita Mounta	143.98	38	ePKIKP	PKPbc	19 29 51.1	+0.2
WMOK	Wichita Mounta	143.98	38	ePKPpre	PKPbc	19 29 51.1	+0.2
U35A	Pawnee	144.01	34	PKPfd	PKPbc	19 29 51.2	+0.3
HDL	Hopedale	144.01	21	PKPfd	PKPbc	19 29 50.6	-0.1
HDL	Hopedale	144.01	21	ePKPfd	PKPbc	19 29 51.1	+0.3
HDL	Hopedale	144.01	21	PKPfd	PKPbc	19 29 51.1	+0.3
331A	Sharp Cattle R	144.06	41	PKPfd	PKPbc	19 29 51.8	+0.6
Y32A	R-V Farms, Ver	144.06	39	PKPfd	PKPbc	19 29 51.8	+0.6
AAM	Ann Arbor	144.09	14	ePKIKP	PKPab	19 29 50.5	+0.1
AAM	Ann Arbor	144.09	14	ePKPpre	PKPab	19 29 50.5	+0.1
W34A	Bridge Creek,	144.24	36	PKPfd	PKPbc	19 29 52.3	+0.6
W34A	Bridge Creek,	144.24	36	ePKPfd	PKPbc	19 29 52.2	+0.6
X30A	Lawton	144.28	38	PKPfd	PKPbc	19 29 52.2	+0.4
233A	Sterling City	144.30	43	PKPfd	PKPfd	19 29 53.0	-0.7
131A	Roby	144.31	42	PKPfd	PKPbc	19 29 52.8	+0.8
V35A	Meyer Ranch, C	144.40	34	PKPfd	PKPbc	19 29 52.5	+0.4
427A	Cheneyville 18	144.41	31	PKPfd	PKPbc	19 29 52.3	+0.2
T39A	Davenport Ranch	144.49	46	PKPfd	PKPfd	19 29 53.4	-0.7
Z32A	Haskell	144.50	40	PKPfd	PKPfd	19 29 53.6	-0.4
529A	Stev Forest Ra	144.53	47	PKPfd	PKPfd	19 29 53.6	-0.6
U36A	Oologah	144.54	33	PKPfd	PKPbc	19 29 53.0	+0.4
330A	Mertzon	144.54	44	PKPfd	PKPbc	19 29 53.5	+0.7
Y33A	Hilltop Ranch,	144.57	38	PKPfd	PKPbc	19 29 53.3	+0.6
X34A	Smith Ranch, M	144.64	37	PKPfd	PKPfd	19 29 53.7	-0.5
231A	Bronte	144.81	43	PKPfd	PKPfd	19 29 54.6	0.0
W35A	Tecumseh	144.81	35	PKPfd	PKPfd	19 29 54.1	-0.3
ABTX	Abilene, Hawle	144.82	41	PKPfd	PKPfd	19 29 54.7	+0.1
ABTX	Abilene, Hawle	144.82	41	ePKPfd	PKPfd	19 29 55.0	+0.5
U37A	Salina	144.85	32	PKPfd	PKPfd	19 29 54.1	-0.4
430A	Baggett Ranch,	144.86	45	PKPfd	PKPfd	19 29 54.7	0.0
TUL1	Tulsa	144.86	33	PKPfd	PKPfd	19 29 54.1	-0.4
TUL1	Tulsa	144.86	33	ePKPfd	PKPfd	19 29 54.2	-0.2
V36A	Tulsa	144.87	33	PKPfd	PKPfd	19 29 54.4	-0.1
SFIN	Scholer Farm	144.92	19	PKPfd	PKPfd	19 29 54.1	-0.3
Z33A	Whitaker Ranch	144.96	39	PKPfd	PKPfd	19 29 55.0	+0.3
331A	San Angelo	145.11	44	PKPfd	PKPfd	19 29 55.5	+0.4

Y34A	Reagan Ranch,	145.13	38	PKPfd	PKPfd	19 29 55.5	+0.5
530A	J-C Ranch, Com	145.16	46	PKPfd	PKPfd	19 29 56.0	+0.8
W36A	Wetumka	145.19	35	PKPfd	PKPfd	19 29 55.1	+0.1
U38A	Gravette	145.20	31	PKPfd	PKPfd	19 29 55.0	-0.1
V37A	Hubert	145.23	32	PKPfd	PKPfd	19 29 55.2	+0.1
232A	Coleman	145.28	42	PKIKP	PKPfd	19 29 55.4	+1.0
X35A	Draetta	145.29	36	PKPfd	PKPfd	19 29 55.4	+0.2
133A	Hamilton Ranch	145.31	40	PKIKP	PKPfd	19 29 56.6	+1.2
SLM	Saint Louis	145.32	24	ePKIKP	PKPbc	19 29 54.7	-0.3
SLM	Saint Louis	145.32	24	ePKPfd	PKPbc	19 29 54.7	-0.3
431A	Sonora	145.36	45	PKIKP	PKPab	19 29 56.5	+0.9
Z34A	Collier Ranch,	145.43	38	PKIKP	PKPab	19 29 56.4	+0.6
X36A	Centrahoma	145.53	35	PKIKP	PKPab	19 29 56.5	+0.5
332A	Millersview	145.53	43	PKIKP	PKPab	19 29 57.5	+1.3
Y35A	Marion	145.60	37	PKIKP	PKPab	19 29 56.5	+0.2
W37A	Quinton	145.63	34	PKIKP	PKPab	19 29 56.9	+0.5
V38A	Canehill	145.64	32	PKIKP	PKPab	19 29 56.3	-0.1
233A	Rising Star	145.69	41	PKIKP	PKPab	19 29 57.8	+1.0
531A	Rocksprings	145.70	45	PKIKP	PKPab	19 29 58.1	+1.2
BRYW	Bryant College	145.71	358	ePKPfd	PKPab	19 29 56.7	+0.2
134A	White-Moore Ra	145.86	40	PKIKP	PKPab	19 29 58.3	+0.9
Z35A	Perchaven, San	145.87	38	PKIKP	PKPab	19 29 57.8	+0.5
JCT	Junction City	146.04	44	ePKP2	PKPbc	19 29 57.6	0.0
JCT	Junction City	146.04	44	ePKPfd	PKPbc	19 29 57.6	0.0
JCT	Junction City	146.04	44	ePKPfd	PKPbc	19 29 57.6	0.0
Y36A	Dutton	146.05	36	PKIKP	PKPab	19 29 58.2	+0.3
OLIL	Olney	146.05	21	ePKPfd	PKPbc	19 29 57.4	+0.1
X37A	Clayton	146.07	34	PKIKP	PKPab	19 29 58.2	+0.1
631A	Perdido Creek	146.11	46	PKIKP	PKPab	19 29 58.8	+0.4
532A	Rocksprings	146.18	45	PKIKP	PKPab	19 29 59.0	+0.3
W38A	Poteau	146.18	33	PKIKP	PKPab	19 29 58.6	+0.1
234A	Clairette	146.20	40	PKIKP	PKPab	19 29 59.1	+0.5
BLO	Bloomington	146.20	19	ePKP2	PKPbc	19 29 57.6	-0.1
BLO	Bloomington	146.20	19	ePKPfd	PKPbc	19 29 57.6	-0.1
ACSO	Alum Creek Sta	146.21	14	ePKPfd	PKPbc	19 29 57.2	-0.5
ACSO	Alum Creek Sta	146.21	14	PKPfd	PKPbc	19 29 57.2	-0.5
BDFB	Brassila	146.23	227	PKPbc	PKPbc	19 29 58.3	-0.3
135A	Vickery Place,	146.29	39	PKIKP	PKPab	19 29 59.6	+0.6
X38A	Whitesboro	146.31	34	PKIKP	PKPab	19 29 59.2	+0.2
Y35A	Yale	146.34	360	ePKPfd	PKPbc	19 29 57.5	-0.5
433A	Art	146.36	43	PKIKP	PKPab	19 29 59.3	0.0
Z37A	Hugo	146.37	35	PKIKP	PKPab	19 29 59.0	-0.2
Y36A	Blue Ridge	146.40	37	PKIKP	PKPab	19 29 59.3	-0.1
SIUC	Southern Illin	146.52	24	ePKPfd	PKPbc	19 29 58.0	-0.7
ODNJ	Ogdensburg	146.54	2	ePKPfd	PKPbc	19 29 58.3	-0.3
334A	Potomac	146.57	42	PKIKP	PKPab	19 30 00.0	-0.1
632A	Uvalde	146.62	46	PKIKP	PKPab	19 30 00.7	+0.3
PAL	Palisades	146.64	1	ePKP2	PKPbc	19 29 58.5	-0.4
PAL	Palisades	146.64	1	ePKPfd	PKPbc	19 29 58.5	-0.4
WHTX	Lake Whitney	146.64	40	PKIKP	PKPab	19 30 00.3	0.0
WHTX	Lake Whitney	146.64	40	ePKPfd	PKPbc	19 29 59.0	-0.3
SSPA	Standing Stone	146.73	7	PKPfd	PKPbc	19 29 58.1	+0.8
PBMO	Poplar Bluff	146.81	26	ePKPfd	PKPfd	19 29 58.0	-0.3
533A	Kerrville	146.81	44	PKIKP	PKPab	19 30 00.6	-0.5
434A	Burnet	146.87	42	PKIKP	PKPbc	19 30 00.5	+0.5
USIN	University of	146.89	22	ePKPab	PKPab	19 30 00.5	-0.6
136A	Ennis	146.90	38	PKIKP	PKPab	19 30 01.0	-0.3
Y38A	Idabel	146.91	34	PKIKP	PKPbc	19 30 00.2	+0.2
Z37A	Pogue Cattle C	146.93	36	PKIKP	PKPab	19 30 00.8	-0.6
732A	Laxson Ranch,	146.93	47	PKIKP	PKPab	19 30 01.6	0.0
BRNJ	Basking Ridge	146.94	2	ePKPab	PKPab	19 30 00.7	-0.5
LUPA	Lehigh Unvers	146.98	3	ePKPfd	PKPbc	19 29 59.3	-0.2
633A	Saathoff Ranch	147.08	45	PKIKP	PKPab	19 30 01.9	-0.6
MIAR	Mount Ida	147.08	32	ePKIKP	PKPfd	19 29 59.2	+0.9
MIAR	Mount Ida	147.08	32	PKIKP	PKPbc	19 30 01.0	+0.6
MIAR	Mount Ida	147.08	32	ePKPfd	PKPfd	19 29 59.2	+0.9
MIAR	Mount Ida	147.08	32	PKIKP	PKPbc	19 30 01.0	+0.6
335A	Moody	147.13	41	PKIKP	PKPab	19 30 01.7	-0.6
832A	Faith Ranch, C	147.18	48	PKIKP	PKPab	19 30 02.4	-0.2
PARMO	Parma	147.20	25	ePKPab	PKPab	19 30 01.6	-0.7
236A	Katherine and	147.22	39	PKIKP	PKPab	19 30 02.0	-0.6
534A	Blanco	147.22	44	PKIKP	PKPbc	1	

SOMM Sogingo Array 85.05 324 P P 20 51 47.8 +0.1

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like IDC 11 20:42:38.5, 3.5, 5.85S, 150.07E, h0km, mb3.3/2, mb1 3.7/3, mb1mx3.3/43, mbtmp3.5/3, ML1.7/1, Error ellipse: s-maj=130.1km s-min=41.7km az=177.0, New Britain region.

ISCJB 11 20:44:34.0, 3.0, 4.3, 57N:132.14E:0.05, h500km, mb3.8/8, Error ellipse: s-maj=6.9km s-min=4.0km az=25.4

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like GRTR Gornotajezhno, VLA Vladivostok, USRK Ussuriysk Ar.

ISC 11 21:06:04.9, 1.1, 1.4, 23S:109.166E:0.2, h250km, n12, s125/13, mb4.0/8, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like MOO Moorlands, TOO Toolangi, MILA Mila.

ISC 11 21:12:06.1, 1.6, 4.3, 73N:132.79E, h481km, mb4.0/2, Error ellipse: s-maj=19.0km s-min=13.1km az=87.1

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, TORO Torodi Ar.

ISC 11 21:23:46.1, 1.7, 2.13N:127.92E, h0km, mb4.2/4, mb1 4.4/4, mb1mx3.6/36, mbtmp4.2/4, Error ellipse: s-maj=130.3km s-min=21.4km az=66.0, Northern Molucca Sea

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

ISC 11 21:24:43.3, 1.2, 3.9, 36N:20.67E, h0km, mb3.4/6, mb1 3.4/9, mb1mx3.3/39, mbtmp3.3/9, ML3.1/2, Error ellipse: s-maj=22.3km s-min=17.1km az=76.0

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

ISC 11 21:24:46.0, 2.0, 1.3, 39S:38N:0.01, 2.04E:0.03, h12km, 3km, mb3.4/8, Error ellipse: s-maj=3.7km s-min=2.2km az=157.5

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, TORO Torodi Ar.

ISC 11 21:24:46.0, 2.0, 1.3, 39S:38N:0.02, 2.05E:0.02, h14km, 6km, n217, s154/125, mb3.5/6, 6C-4D, Greece-Albania border region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, TORO Torodi Ar.

mb1 3.7/1, mb1mx3.4/40, mbtmp4.1/11, Error ellipse: s-maj=26.7km s-min=23.1km az=160.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like DZM Mont Dzumac, PMG Port Moresby, STKA Stephens Creek.

ISC 11 21:24:46.0, 2.0, 1.3, 39S:38N:0.01, 2.04E:0.03, h12km, 3km, mb3.4/8, Error ellipse: s-maj=3.7km s-min=2.2km az=157.5

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, TORO Torodi Ar.

ISC 11 21:24:46.0, 2.0, 1.3, 39S:38N:0.02, 2.05E:0.02, h14km, 6km, n217, s154/125, mb3.5/6, 6C-4D, Greece-Albania border region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, TORO Torodi Ar.

ISC 11 21:24:46.0, 2.0, 1.3, 39S:38N:0.02, 2.05E:0.02, h14km, 6km, n217, s154/125, mb3.5/6, 6C-4D, Greece-Albania border region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, TORO Torodi Ar.

ISC 11 21:24:46.0, 2.0, 1.3, 39S:38N:0.02, 2.05E:0.02, h14km, 6km, n217, s154/125, mb3.5/6, 6C-4D, Greece-Albania border region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, TORO Torodi Ar.

ISC 11 21:24:46.0, 2.0, 1.3, 39S:38N:0.02, 2.05E:0.02, h14km, 6km, n217, s154/125, mb3.5/6, 6C-4D, Greece-Albania border region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, TORO Torodi Ar.

ISC 11 21:24:46.0, 2.0, 1.3, 39S:38N:0.02, 2.05E:0.02, h14km, 6km, n217, s154/125, mb3.5/6, 6C-4D, Greece-Albania border region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, TORO Torodi Ar.

ISC 11 21:24:46.0, 2.0, 1.3, 39S:38N:0.02, 2.05E:0.02, h14km, 6km, n217, s154/125, mb3.5/6, 6C-4D, Greece-Albania border region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, TORO Torodi Ar.

ISC 11 21:24:46.0, 2.0, 1.3, 39S:38N:0.02, 2.05E:0.02, h14km, 6km, n217, s154/125, mb3.5/6, 6C-4D, Greece-Albania border region

EVR Erytania 1.10 114 P Pg 21 25 06.5 -1.3

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like EVR Erytania, THL Klokotos Trika, DZM Mont Dzumac.

ISC 11 21:24:46.0, 2.0, 1.3, 39S:38N:0.02, 2.05E:0.02, h14km, 6km, n217, s154/125, mb3.5/6, 6C-4D, Greece-Albania border region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, TORO Torodi Ar.

ISC 11 21:24:46.0, 2.0, 1.3, 39S:38N:0.02, 2.05E:0.02, h14km, 6km, n217, s154/125, mb3.5/6, 6C-4D, Greece-Albania border region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, TORO Torodi Ar.

ISC 11 21:24:46.0, 2.0, 1.3, 39S:38N:0.02, 2.05E:0.02, h14km, 6km, n217, s154/125, mb3.5/6, 6C-4D, Greece-Albania border region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, TORO Torodi Ar.

ISC 11 21:24:46.0, 2.0, 1.3, 39S:38N:0.02, 2.05E:0.02, h14km, 6km, n217, s154/125, mb3.5/6, 6C-4D, Greece-Albania border region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, TORO Torodi Ar.

ISC 11 21:24:46.0, 2.0, 1.3, 39S:38N:0.02, 2.05E:0.02, h14km, 6km, n217, s154/125, mb3.5/6, 6C-4D, Greece-Albania border region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, TORO Torodi Ar.

ISC 11 21:24:46.0, 2.0, 1.3, 39S:38N:0.02, 2.05E:0.02, h14km, 6km, n217, s154/125, mb3.5/6, 6C-4D, Greece-Albania border region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, TORO Torodi Ar.

ISC 11 21:24:46.0, 2.0, 1.3, 39S:38N:0.02, 2.05E:0.02, h14km, 6km, n217, s154/125, mb3.5/6, 6C-4D, Greece-Albania border region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, TORO Torodi Ar.

ISC 11 21:24:46.0, 2.0, 1.3, 39S:38N:0.02, 2.05E:0.02, h14km, 6km, n217, s154/125, mb3.5/6, 6C-4D, Greece-Albania border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BARS Barje, LIA Limnos Island, KYTH Kithira, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CBX Cerro Bola, ECNX Esteban Cantu, BAR Barrett, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LDG 11 21:40:46.3, PRU 11 21:40:48.4, SZGRF 11 21:40:48.9, etc.

ISCJB 11 21:30:07.3-0.9, 32.36N-0.04-115.28W, 0.05, h19km, 6km, Error ellipse: s-maj=7.9km s-min=6.7km az=43.7

MEX 11 21:30:08.4-0.3, 32.45N-115.11W, h20km, 6km, MD3.3 ECX 11 21:30:09.0-0.6, 32.33N-115.03W, h6km, MD2.5, MD3.4 ISC 11 21:30:07.2-0.9, 32.33N, 0.04-115.31W, 0.04, h15km, 7km, n12, c051/23, 2C, California-Baja California border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CPBX Cerro Prieto, MBIG Mexicali, RDX Rancho Dawling, etc.

ISCJB 11 21:31:52.1-0.5, 32.21N-0.03-115.24W, 0.04, h18km, 4km, n21, c0578/36, 5C-2D, California-Baja California border region

MEX 11 21:31:53.3-0.9, 32.29N-115.09W, h26km, MD3.4 ECX 11 21:31:53.5-0.5, 32.20N-115.25W, h6km, MD2.8, ML3.0 NEIC 11 21:31:52.1-1.1, 32.20N-0.03-115.24W, 0.04, h18km, 4km, n21, c0578/36, 5C-2D, California-Baja California border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YKA Yellowknife Ar, YKBS Yellowknife Ar, YKBS Yellowknife Ar, etc.

ISCJB 11 21:40:42.0, 43.64N-12.23E, h0km, ML3.1 ISCJB 11 21:40:44.0-0.2, 43.66N, 0.02-11.94E, 0.02, h14km, 2km, mb3.6/3, Error ellipse: s-maj=3.5km s-min=2.6km az=11.2

ROM 11 21:40:44.0-0.1, 43.67N-12.01E, h8km, ML3.0/11, Error ellipse: s-maj=1.4km s-min=0.8km az=32.0 CSEM 11 21:40:45.1-0.1, 43.59N-11.92E, h5km, ML3.3/16, Error ellipse: s-maj=4.6km s-min=2.3km az=20.0

ISCJB 11 21:40:45.1-1.1, 43.68N-12.13E, h0km, mb3.6/3, mb1 3.7/5, mb1mx3.4/36, mbtpp3.5/5, ML3.2/2, Error ellipse: s-maj=36.2km s-min=15.3km az=98.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YKA Yellowknife Ar, YKBS Yellowknife Ar, YKBS Yellowknife Ar, etc.

ISCJB 11 21:40:42.0, 43.64N-12.23E, h0km, ML3.1 ISCJB 11 21:40:44.0-0.2, 43.66N, 0.02-11.94E, 0.02, h14km, 2km, mb3.6/3, Error ellipse: s-maj=3.5km s-min=2.6km az=11.2

ROM 11 21:40:44.0-0.1, 43.67N-12.01E, h8km, ML3.0/11, Error ellipse: s-maj=1.4km s-min=0.8km az=32.0 CSEM 11 21:40:45.1-0.1, 43.59N-11.92E, h5km, ML3.3/16, Error ellipse: s-maj=4.6km s-min=2.3km az=20.0

ISCJB 11 21:40:45.1-1.1, 43.68N-12.13E, h0km, mb3.6/3, mb1 3.7/5, mb1mx3.4/36, mbtpp3.5/5, ML3.2/2, Error ellipse: s-maj=36.2km s-min=15.3km az=98.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GEC2 GERES Array S, GERES GERES Array B, KBZ Khabaz, etc.

GEN 11 21:40:42.0, 43.64N-12.23E, h0km, ML3.1 ISCJB 11 21:40:44.0-0.2, 43.66N, 0.02-11.94E, 0.02, h14km, 2km, mb3.6/3, Error ellipse: s-maj=3.5km s-min=2.6km az=11.2

ROM 11 21:40:44.0-0.1, 43.67N-12.01E, h8km, ML3.0/11, Error ellipse: s-maj=1.4km s-min=0.8km az=32.0 CSEM 11 21:40:45.1-0.1, 43.59N-11.92E, h5km, ML3.3/16, Error ellipse: s-maj=4.6km s-min=2.3km az=20.0

ISCJB 11 21:40:45.1-1.1, 43.68N-12.13E, h0km, mb3.6/3, mb1 3.7/5, mb1mx3.4/36, mbtpp3.5/5, ML3.2/2, Error ellipse: s-maj=36.2km s-min=15.3km az=98.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GEN 11 21:40:42.0, ISCJB 11 21:40:44.0, ROM 11 21:40:44.0, etc.

ISCJB 11 21:40:42.0, 43.64N-12.23E, h0km, ML3.1 ISCJB 11 21:40:44.0-0.2, 43.66N, 0.02-11.94E, 0.02, h14km, 2km, mb3.6/3, Error ellipse: s-maj=3.5km s-min=2.6km az=11.2

ROM 11 21:40:44.0-0.1, 43.67N-12.01E, h8km, ML3.0/11, Error ellipse: s-maj=1.4km s-min=0.8km az=32.0 CSEM 11 21:40:45.1-0.1, 43.59N-11.92E, h5km, ML3.3/16, Error ellipse: s-maj=4.6km s-min=2.3km az=20.0

ISCJB 11 21:40:45.1-1.1, 43.68N-12.13E, h0km, mb3.6/3, mb1 3.7/5, mb1mx3.4/36, mbtpp3.5/5, ML3.2/2, Error ellipse: s-maj=36.2km s-min=15.3km az=98.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GEN 11 21:40:42.0, ISCJB 11 21:40:44.0, ROM 11 21:40:44.0, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, and other technical details for stations like La Plagne, Cerro Bola, Cerro Bola, etc.

ICD 11 21:42:44.3-3.5, 5.79S-150.82E, h0km, mb3.4/2, mb1 3.8/2, mb1mx3.4/27, mbtmp3.5/2, Error ellipse: s-maj=141.2km s-min=46.6km az=118.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, and other technical details for stations like WRA, ASAR, TORO, etc.

ISCJBJ 11 21:45:19.1-1.1, 32.45N-0.06E, 115.30W-0.06E, h18km, 7km, Error ellipse: s-maj=10.9km s-min=7.2km az=35.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, and other technical details for stations like RDX, Cerro Bola, Cerro Bola, etc.

CSEM 11 22:30:10.3, 38.03N-26.43W, h4km, ML1.8, PDA 11 22:30:10.3, 38.03N-26.43W, h4km, 12km, MD3.7, ML1.8, Error ellipse: s-maj=10.3km s-min=6.8km

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, and other technical details for stations like PSET, PDA, PDA, etc.

SJA 11 22:53:06.3-0.7, 34.44S-73.19W, h24km, 28km, ML3.7, MW3.4

GUC 11 22:53:20.0-0.5, 33.99S-72.17W, h9km, 3km, ML3.4, ISC 11 22:53:19.1-2.3, 33.99S-72.17W-0.09, h4km, 12km, n22, r1907/35, TC, Off coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, and other technical details for stations like U73B, LNV, U69B, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, and other technical details for stations like RTCV, RTLL, ACAN, etc.

ICD 11 22:53:31.5-0.7, 13.15S-166.53E, h0km, mb4.2/14, mb1 4.3/16, mb1mx4.2/40, mbtmp4.2/16, ML3.6/2, MS3.9/13, Ms1 3.9/13, ms1mx3.7/24, Error ellipse: s-maj=23.7km s-min=15.8km az=101.0

ISCJBJ 11 22:53:37.8-0.4, 13.14S-166.166E, h30E, 0.08, h44km, mb4.6/24, MS3.9/10, Error ellipse: s-maj=10.8km s-min=8.8km az=11.5

NEIC 11 22:53:37.4-0.3, 13.08S-166.44E, h35km, mb5.1/13, Error ellipse: s-maj=10.8km s-min=7.4km az=105.0

BUI 11 22:53:40.9, 12.22S-166.17E, h30km, mb4.7/32, mb5.1/26, Ms4.8/15, Ms7.4/5/15

ISC 11 22:53:38.6-0.4, 13.24S-107.06E, h166.45E, 0.09, h44km, h44km: p-P, n87, r1353/107, mb4.5/24, MS4.0/10, IC, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, and other technical details for stations like HNR, DZM, DZM, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, and other technical details for stations like CD2, CD2, etc.

12d Oh

Table with columns: Call sign, Frequency, Mode, Power, and other technical details. Includes stations like ZALV, ZAA1, PCA, PNL, NVS, etc.

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Table with columns: Call sign, Frequency, Mode, Power, and other technical details. Includes stations like ELK, ELKO, WALA, YKA, etc.

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Table with columns: Call sign, Frequency, Mode, Power, and other technical details. Includes stations like SRBI, Singaraja, Denpasar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array, KURBB Kurchatov Arra, ILAR Eielson Array, TORD Torodi Ar. Bea.

ISCJW 12 00:58:38.4 0.0, 50.220N, 0.03, 18.64E, 0.03, h0km, Error ellipse: s-maj=4.4km s-min=2.3km az=7.8. IPEC 12 00:58:39.9 0.2, 50.242N, 18.75E, h3km, 2km, ML1.8/3, Error ellipse: s-maj=2.4km s-min=1.1km az=166.0. CSEM 12 00:58:39.2 0.3, 50.233N, 18.69E, h1km, ML2.9/8, Error ellipse: s-maj=7.6km s-min=3.5km az=11.0. ISC 12 00:58:39.7 0.8, 50.221N, 0.04, 18.70E, 0.02, h0km, n34, e1503/53, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHZP Chorozw, OKC Ostrava-Krasne, OKC Ostrava-Krasne, OKC Ojcow, MORC Moravsky Berou, LANS Liptovska Anna, KRLC Kraliky, KRLC Niedzica, DPC Dobruska-Polom, DPC Dobruska-Polom, VRAC Vranov, KSP Ksiaz, KSP Ksiaz, VYHS Vyhne, VYHS Vyhne, KRUC Moravsky, KECS Kecovo, KECS Kecovo, GOPE GO Pecny, Ondr, KOLS Kolonicke sedl, PVCC Panska Ves, PRU Pruhonice, PRU Pruhonice, PRA Prague, PRA Prague, KHC Kasperske Hory, CLL Collm.

GCMT 12 00:59:12.0 0.5, 63.55S, 171.60E, h21km, 4km, MW5.2/68, Moment Tensor Solution, s15, c18; s68, c97; Duration: 0 Moment tensor: Scale 10^19Nm; Mir-2.32e-65; Mw4.17z-45; Mw0-1.94z-40; Mw-5.55z-1.37; Mw-1.31z-29; Mw0.21z-81; Best double couple: M=54200, 1018 0.0 NP1=90.000000, 875.000000, -1.101.000000; NP2: q=306.000000, 818.000000, -1.555.000000. Principal axes: T 7.5190, P1g29.0000, Azm189.0000; N -1.9440, P1g10.0000, Azm93.0000; P -5.5650, P1g59.0000. Azm346.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

IDC 12 00:59:20.5 1.4, 63.63S, 171.66E, h0km, mb4.3/5, mb1.4, 6/6, mb1mx4.2/22, mbtm3/4.6, ML4.3/1, MS4.3/14, Ms1.4, 3/14, ms1mx4.1/26, Error ellipse: s-maj=62.0km s-min=25.2km az=60.0. ISCJW 12 00:59:21.1 1.1, 63.63S, 0.1x171.72E, 0.6, h10km, mb4.3/6, MS4.3/12, Error ellipse: s-maj=38.7km s-min=12.1km az=162.7. NEIC 12 00:59:21.9 1.0, 63.57S, 171.74E, h10km, mb4.0/1, Error ellipse: s-maj=35.9km s-min=11.6km az=74.0. ISC 12 00:59:22.0 1.1, 63.63S, 0.1x171.72E, 0.3, h10km, n41, e088/14, mb4.3/6, MS4.2/12, Baileny Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Vnda Vanda, Vnda Vnda, SBA Scott Base, RPZ Rata Peaks, URZ Urewera, RAU Raoul Island, STKA Stephens Creek, MAW Mawson, MAW Mawson, MONT Mont D'Zeeuw, DZM Sanae, SNA Sanae, H01W1 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, VNA2 Neumayer-Watz, VNA1 Neumayer-Stat, RARORAR Rarotonga, ASAR Alice Springs, TBI Tubuai.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TBI Tubuai, WRA Warramunga Arr, TVO Taravao, PAE Paea, PPT2 Papeete, PPT Papeete, TIAR Tiarei, MEH Mehetia, RKT Rikitea, VAH Vahia, PMOR Pomarioro Ree, PMG Port Moresby, RPN Rapa Nui, BOS Boshof, BOS Boshof, H0S2 Diego Garcia H, H0S1 Diego Garcia H, LPAZ La Paz, CMAR Chiang Mai Arr, KBZ Khabaz, BRTR Keskin Array B, AKASG Main Array Be.

ISCJW 12 01:02:47.8 0.5, 36.52N, 150.03, 25.49E, 0.06, h1km, 3km, Error ellipse: s-maj=7.7km s-min=4.3km az=6.8. ATH 12 01:02:47.6, 36.49N, 25.47E, h2km, 1km, MD3.2/9. THE 12 01:02:48.8, 36.53N, 25.43E, h3km, 1km, ML2.4/2, Error ellipse: s-maj=1.2km s-min=0.3km az=135.0. CSEM 12 01:02:48.2 0.1, 36.49N, 25.48E, h10km, ML2.4, Error ellipse: s-maj=3.5km s-min=2.2km az=94.0. ISC 12 01:02:48.2 0.9, 36.49N, 0.02, 25.49E, 0.04, h13km, 5km, n42, e928/26/1, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like THR2 Thira Island, THR2 Thira Island, THR7 Fira-Santorini, THR7 Fira-Santorini, THR3 Thira Island, THR3 Thira Island, THR3 Thira Island, THR1 Thera Island, THR1 Thera Island, THR5 Thira Island, THR5 Thira Island, THR5 Thira Island, THR6 Thira Island, THR6 Thira Island, THR6 Thira Island, APE Apeiranthos, APE Apeiranthos, APE Apeiranthos, APE Apeiranthos, MHO Agia Marina, MHO Agia Marina, NPS Neapolis, NPS Neapolis, IDI Anoyia, IDI Anoyia, IDI Anoyia, LAST Lasithi, LAST Lasithi, LAST Lasithi, LAST Lasithi, VAM Vamos, VAM Vamos, VAM Vamos, SIVA Sivas, SIVA Sivas, IMMV Iera Moni Meta, SMG Samos, SMG Samos, KARY Karystos, KARY Karystos, KYTH Kithira, KYTH Kithira, VLL Vellai, VLL Vellai, DID Didima, DID Didima, KRND KRANIDI, KRND KRANIDI.

ISCJW 12 01:06:41.6 0.5, 37.81N, 23.71E, 0.04, h5km, 6km, Error ellipse: s-maj=5.6km s-min=4.3km az=41.5. THE 12 01:06:41.8, 37.81N, 23.75E, h0km, 1km, ML1.4/3, Error ellipse: s-maj=1.5km s-min=0.4km az=152.0. CSEM 12 01:06:41.9 0.1, 37.83N, 23.70E, h5km, MD2.7, Error ellipse: s-maj=3.1km s-min=2.2km az=114.0. ATH 12 01:06:42.0, 37.82N, 23.69E, h5km, 2km, MD2.7/14, ML1.0. ISC 12 01:06:42.1, 37.82N, 0.02, 23.72E, 0.03, h10km, 7km, n51, e929/26, Southern Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ATH Athens Observa, ATH Athens Observa, ATH Athens Observa, ATH Athens Observa, ATH Athens Observa, ATHU Athens Unvers, ATHU Athens Unvers, ATHU Athens Unvers, VILL Villia, VILL Villia, DID Didima, DID Didima, DID Didima.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DID Didima, VIL2 Karystos, VIL2 Karystos, EREA Eretria, EREA Eretria, LTK Loutraki, LTK Loutraki, KRND KRANIDI, KRND KRANIDI, MRKA Markates, MRKA Markates, LKR Larkis, LKR Larkis, GUR Goura, GUR Goura, DESF Desfina, DESF Desfina, DSF Desfina, DSF Desfina, SMIA Simia, SMIA Simia, VMLA Vlachokerasia, VMLA Vlachokerasia, AXAR Agios Charalamb, AXAR Agios Charalamb, KLV Kalavryta, Ach, KLV Kalavryta, Ach, VLI Vellai, VLI Vellai, LAKA Lakka, LAKA Lakka, NEO Neokhori, NEO Neokhori, EFP Efpalio, EFP Efpalio, ITM Ithomi, ITM Ithomi, ITM Ithomi, AGG Agios Georgios, AGG Agios Georgios, APE Apeiranthos, APE Apeiranthos.

NIED 12 01:09:00.39, 40N, 143.50E, h23km, Mw4.0. Best double couple: M1.31000, 1015 NP1=91.75, 000000, 829.000000, 1.58.000000; NP2=93.100000, 866.000000, 1.06.000000. IDC 12 01:09:06.9 1.0, 39.34N, 143.32E, h0km, mb4.0/14, mb1.4/18, mb1mx3.9/46, mbtm3/9.18, ML3.8/3, MS3.1/7, Ms1.3, 1/7, ms1mx2.8/35, Error ellipse: s-maj=22.2km s-min=16.2km az=140.0. JMW 12 01:09:07.5 0.1, 39.41N, 143.51E, h25km, 3km, M4.2. ISCJW 12 01:09:08.9 1.6, 39.41N, 0.05, 143.41E, 0.07, h2km, 10km, mb3.9/15, MS3.5/4, Error ellipse: s-maj=10.8km s-min=5.3km az=41.1. NEIC 12 01:09:10.8 2.7, 39.46N, 143.29E, h2km, 19km, mb4.4/1, Error ellipse: s-maj=15.4km s-min=7.8km az=123.0. ISC 12 01:09:10.0 0.2, 39.49N, 0.06, 143.33E, 0.07, h17km, 15km, n48, e134/49, mb4.0/15, MS3.3/4, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MIYJ Miyakonagasawa, MIYJ Tanohata, JTH Ofunato, JTH Ofunato, JOM Ohasama, JOM Ohasama, JANG Nango, JANG Nango, JMK Ichinoseki, JMK Ichinoseki, JIO Ouri, JIO Ouri, JRG Rokugo, JRG Rokugo, JTM Tenmabayashi, JTM Tenmabayashi, JHM Hinai, JHM Hinai, JER Karyama, JER Karyama, ERM Erimo, ERM Erimo, JNBK Urakawa-nobuka, JNBK Urakawa-nobuka, ASAJ Asahikawa, ASAJ Asahikawa, ASAJ Asahikawa, MSJ Matsumuro Arr, MSJ Matsumuro Arr, MJAR Matsumuro Arr, MJAR Matsumuro Arr, MAJO Matushiro, MAJO Matushiro, MAT Matushiro, MAT Matushiro, USRK Ussuriysk Arr, USRK Ussuriysk Arr, JNU Nakatsue, JNU Nakatsue, KSRS Kora Array, KSRS Kora Array, KSRS Kora Array, KSRS Kora Array, KSAR Wopani Array Be, KSAR Wopani Array Be, YAK Yakutsk, YAK Yakutsk, SEY Seymchan, SEY Seymchan, H01N2 WAKE ISLAND Hy, H01N2 WAKE ISLAND Hy, H01N1 WAKE ISLAND Hy, H01N1 WAKE ISLAND Hy, H01N3 WAKE ISLAND Hy, H01N3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, H11S3 WAKE ISLAND Hy, H11S3 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, TLY Talima, TLY Talima, ZALV Zalesovo Beam, ZALV Zalesovo Beam, CMAR Chiriqui Array B, CMAR Chiriqui Array B, MKAR Makanchi Array, MKAR Makanchi Array, ILAR Eielson Array, ILAR Eielson Array, BVAR Borovoye Array, BVAR Borovoye Array, HNR Honiara, HNR Honiara, INK Inuvik, INK Inuvik, ABKAR Abkutak array, ABKAR Abkutak array, WRA Warramunga Arr, WRA Warramunga Arr, ARCES Arceps Array B, ARCES Arceps Array B, FINES FINES Array B, FINES FINES Array B, NVAR Niua Array Bea, NVAR Niua Array Bea, NB2 NORSAR Subarra, NB2 NORSAR Subarra, NOA NORSAR Array B, NOA NORSAR Array B.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CLL Colim, BRG Bergiesshubel, MOX Moxa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H1S1 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, SONM Songoing Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TVSB Tavsanli, ENEZ Enez, URLA Izmir, etc.

IDC 12 02:13:12.8.1.1, 6.73S, 151.06E, h0km, mb3.7/7, Mb1 3.8/8, mb1mx3.734, mbtmp3.7/8, ML1 3/1, MS2.5/1, Ms1 2.5/1, ms1mx2.3/33, Error ellipse: s-maj=49.8km, s-min=19.5km az=116.0

ISCJB 12 02:13:16.8.1.1, 6.85S, 0.2x151.1E, 0.2, h40km, mb3.6/6, Error ellipse: s-maj=31.7km s-min=11.1km az=40.9

ISC 12 02:13:18.4.1, 3.68S, 0.2x151.1E, 0.2, h40km, n9, s=127/10, mb3.7/6, New Britain region

BUI 12 02:23:01.8, 39.70N, 27.60E, h4km, mb4.8/12, mb5.0/8, Ms4.5/6, Ms7.4/2.6

MOS 12 02:23:03.2, 1.3, 39.70N, 27.61E, h10km, mb4.4/18, Error ellipse: s-maj=5.4km s-min=3.8km az=84.5

ATH 12 02:23:03.7, 39.62N, 27.59E, h25km, 2km, MD4.4/4.3, ML4.7

IDC 12 02:23:03.4, 0.5, 39.69N, 27.58E, h0km, mb4.2/27, mb1 4.2/40, mb1mx4.1/65, mbtmp4.2/40, ML4.0/10, MS3.6/16, Ms1 3.6/16, ms1mx3.3/56, Error ellipse: s-maj=8.2km s-min=7.7km az=68.0

PDG 12 02:23:04.0, 6.0, 5.39, 67.07E, h18km, ML4.3/10, Error ellipse: s-maj=0.4km s-min=0.4km az=0.0

DDA 12 02:23:04.1, 39.69N, 27.55E, h7km, ML4.9

ISK 12 02:23:04.2, 39.69N, 27.55E, h12km, ML4.9

NEIC 12 02:23:04.2, 39.69N, 27.55E, h12km, mb4.3/15, ML5.0(ISK), ML5.1(TH), MW4.4(DDA), After ISK

ISCJB 12 02:23:05.1, 0.2, 39.69N, 0.010, 27.54E, 0.01, h25km, 2km, mb4.2/50, MS3.5/9, Error ellipse: s-maj=1.7km s-min=1.3km az=18.1

BEO 12 02:23:05.1, 0.7, 40.07N, 28.01E, h6km, 4km, ML4.9/1

CSEM 12 02:23:05.0, 0.1, 39.67N, 27.55E, h10km, mb4.4/19, Error ellipse: s-maj=1.5km s-min=1.3km az=13.0

THE 12 02:23:06.7, 39.62N, 27.54E, h18km, 2km, ML5.1/9, Error ellipse: s-maj=2.5km s-min=0.8km az=63.0

NIC 12 02:23:10.0, 39.65N, 27.80E, h25km, mb4.7, ML4.3

SZGRF 12 02:23:10.9, 39.89N, 27.32E, h33km, mb4.0, Turkey

ISC 12 02:23:05.2, 0.4, 39.69N, 0.02, 27.58E, 0.01, h14km, 2km, h13km, pP-P, n945, s129/1030, mb4.3/50, MS3.4/9, 82C-68D, Turkey

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BUI, MOS, ATH, IDC, PDG, DDA, ISK, NEIC, ISCJB, BEO, CSEM, THE, NIC, SZGRF, ISC.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TVSB Tavsanli, ENEZ Enez, URLA Izmir, etc.

CSEM 12 02:21:49.7, 37.62N, 23.45E, h11km, MD2.7

ATH 12 02:21:49.7, 37.62N, 23.45E, h11km, 2km, MD2.7/9, Southern Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DID Didima, DID Didima, DIDY Didyma, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BALB Balikesir, BNT Bandirma, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TVSB Tavsanli, ENEZ Enez, URLA Izmir, etc.

IDC 12 02:22:47.4, 0.6, 3.37N, 126.90E, h0km, mb4.2/16, mb1 4.3/19, mb1mx4.1/51, mb1tmp4.2/19, ML3.9/3, MS3.5/2, Ms1 3.5/2, ms1mx2.8/67, Error ellipse: s-maj=29.6km s-min=12.0km az=86.0

ISCJB 12 02:22:52.3, 0.3, 3.52N, 0.04, 127.06E, 0.04, h48km, mb4.2/18, Error ellipse: s-maj=6.9km s-min=5.0km az=44.7

DJA 12 02:22:52.0, 1.5, 4.1N, 127.7E, h15km, 30km, M4.5/7, mb4.6/4, mb5.2/2, ML4.5/7, Mw(mb)4.5/2

NEIC 12 02:22:54.3, 1.0, 3.31N, 126.96E, h51km, 10km, mb4.3/3, Error ellipse: s-maj=14.1km s-min=7.5km az=68.0

ISC 12 02:22:54.2, 0.5, 3.56N, 0.06, 127.04E, 0.06, h48km, n40, s=1160/37, mb4.2/18, Talaud Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SGSI Sangihe, TNTI Ternate, DAV Davao City, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BALB Balikesir, BNT Bandirma, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TVSB Tavsanli, ENEZ Enez, URLA Izmir, etc.

Table with multiple columns containing country codes (e.g., NIS1, EREA, BCK), names (e.g., Nisyros Isl., Eretria, Bucaek), and numerical data points (e.g., 3.10 186 P, 3.10 186 ePn). The table is organized into two main vertical sections.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like AB31 Akbulak array, IPAY Payeh, TAM Tamnrasset, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like WMQ comp=Z,350nm,23.7s, WMQ comp=Z,180nm,23.7s, TLY Talaya, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like GUC 12:02:38:48.3,0.5,22:47S:69:01W, h104km,5km,ML3.7, PB04 IPOC Station P, etc.

12d 3h

Table with columns: STKA, WRA, ASAR, DZM, Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes data for Stephens Creek, Warramunga Arr, and Asar Springs.

ATH 12 03:32:36.8, 37.80N, 26.79E, h23km, 1km, MD3.3/5
DDA 12 03:32:37.9, 37.91N, 26.87E, h9km, MD3.0
ISCJB 12 03:32:37.4, 0.4, 37.85N, 0.02, 26.78E, 0.03, h5km, 3km,
Error ellipse: s-maj=4.0km s-min=2.7km az=155.0
ISK 12 03:32:37.8, 37.92N, 26.88E, h5km, MD3.0
CSEM 12 03:32:37.8, 0.2, 37.86N, 26.80E, h2km, MD3.3, Error
ellipse: s-maj=5.0km s-min=3.8km az=59.0
THE 12 03:32:38.1, 37.83N, 26.70E, h1km, ML2.8/5, Error
ellipse: s-maj=1.3km s-min=0.5km az=140.0

Main table for Decadense Islands region. Columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Lists stations like SMG Samos, Zeytinokoy-Aydi, and various island stations.

ATH 12 03:34:47.5, 37.83N, 26.84E, h26km, 1km, MD3.5/5
DDA 12 03:34:48.8, 37.89N, 26.86E, h12km, MD3.2
CSEM 12 03:34:48.8, 0.2, 37.89N, 26.79E, h2km, MD3.5, Error
ellipse: s-maj=4.2km s-min=2.9km az=53.0
ISCJB 12 03:34:48.7, 0.4, 37.88N, 0.02, 26.79E, 0.03, h7km, 3km,
Error ellipse: s-maj=4.0km s-min=2.6km az=147.9
ISK 12 03:34:49.0, 37.93N, 26.85E, h5km, MD3.0
THE 12 03:34:49.0, 0.8, 37.87N, 26.74E, h4km, 1km, ML2.8/6, Error
ellipse: s-maj=1.5km s-min=0.6km az=207.0

Table for Decadense Islands region. Columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Lists stations like SMG Samos, Zeytinokoy-Aydi, and various island stations.

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Main table for Decadense Islands region. Columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Lists stations like AYBD Zeytinokoy-Aydi, AYDN Tasuluk, and various island stations.

ISCJB 12 03:43:56.0, 0.6, 36.45N, 0.02, 36.45E, 0.04, h5km, 5km,
Error ellipse: s-maj=5.8km s-min=3.5km az=24.2
DDA 12 03:43:56.1, 36.46N, 36.42E, h7km, MD3.2
CSEM 12 03:43:56.2, 0.2, 36.43N, 36.47E, h2km, MD2.5, Error
ellipse: s-maj=6.3km s-min=3.3km az=144.0

Table for Decadense Islands region. Columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Lists stations like TAHT Tahtakopru-Hat, TAHT Tahtakopru-Hat, and various island stations.

ISC 12 03:43:56.2, 1.1, 36.43N, 0.02, 36.47E, 0.03, h1km, 11km,
n26, c053/42, Jordan - Syria region

Table for Decadense Islands region. Columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Lists stations like TAHT Tahtakopru-Hat, TAHT Tahtakopru-Hat, and various island stations.

ISCJB 12 03:51:19.8, 8.89N, 123.42E, h24km, mb4.4, ML3.3, MS3.1,
1D, Mindanao

Table for Decadense Islands region. Columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Lists stations like DCPH Dipolog City, DCPH Dipolog City, and various island stations.

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s-min=11.4km az=96.0
NEIC 12 03:53:47.2, 1.6, 6.31S, 147.80E, h63km, 12km, mb4.0/2,
Error ellipse: s-maj=18.0km s-min=9.5km az=83.0
AUST 12 03:53:50.0, 0.6, 24S, 147.62E, h100km
ISC 12 03:53:47.0, 8.6, 30S, 0.06, 147.9E, 0.1, h51km, n36,
c090/32, mb4.0/10, MS3.0/4, Eastern New Guinea region

Main table for Eastern New Guinea region. Columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Lists stations like PMG Port Moresby, PMG Port Moresby, and various island stations.

ISCJB 12 03:53:47.0, 8.6, 30S, 0.06, 147.9E, 0.1, h51km, n36,
c090/32, mb4.0/10, MS3.0/4, Eastern New Guinea region

Table for Eastern New Guinea region. Columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Lists stations like PMG Port Moresby, PMG Port Moresby, and various island stations.

CSEM 12 03:58:25.1, 0.1, 42.82N, 21.04E, h2km, ML2.9
BEO 12 03:58:25.2, 0.4, 42.80N, 21.06E, h3km, 2km, ML2.8/1
PDG 12 03:58:25.2, 0.4, 42.82N, 21.03E, h12km, MD2.8/1,
ML2.8/1, Error ellipse: s-maj=0.5km s-min=0.6km az=0.0
THE 12 03:58:25.6, 4.2, 73N, 21.01E, h3km, 2km, ML2.8/2, Error
ellipse: s-maj=2.3km s-min=0.8km az=202.0
SKO 12 03:58:26.0, 4.2, 79N, 21.06E, h0km, M2.3, ML2.7
TIR 12 03:58:27.0, 2.1, 42.39N, 20.92E, h0km, 662km, ML3.1
SOF 12 03:58:28.6, 4.2, 64N, 21.39E, h2km, MD2.7
ISC 12 03:58:25.3, 0.9, 42.81N, 0.01, 21.05E, 0.01, h6km, 7km,
n120, c090/204, 27C-19D, Northwestern Balkan

Table for Eastern New Guinea region. Columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Lists stations like PMG Port Moresby, PMG Port Moresby, and various island stations.

ISCJB 12 03:58:25.3, 0.9, 42.81N, 0.01, 21.05E, 0.01, h6km, 7km,
n120, c090/204, 27C-19D, Northwestern Balkan

Table for Eastern New Guinea region. Columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Lists stations like PMG Port Moresby, PMG Port Moresby, and various island stations.

ISCJB 12 03:58:25.3, 0.9, 42.81N, 0.01, 21.05E, 0.01, h6km, 7km,
n120, c090/204, 27C-19D, Northwestern Balkan

Table for Eastern New Guinea region. Columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Lists stations like PMG Port Moresby, PMG Port Moresby, and various island stations.

12d 4h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like SJJI Sorong, SWI Sorong, KMBL Kambalda, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like ISA Isabella, CMB Columbia Colle, PFO Plynon Flat Ob, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like WVOR Wild Horse Va, WVOR Wild Horse Va, LVP Lakeview Peak, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Kasperske Hory, Membach, Wetzell, GERRS Array S, etc.

NEIC 12 05:02:25.4, 16.45N, 94.56W, h66km, MD4.0(MEX), After MEX.

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

ROM 12 05:05:32.1, 0.43, 69N, 12.01E, h6km, Md1.3/3, M10.4/2, 1C, Error ellipse: s-maj=0.3km s-min=0.1km az=21.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like CRE, PARCH, ASQU, etc.

ROM 12 05:06:42.7, 0.1, 43.68N, 12.01E, h7km, Md1.6/3, M10.4/2, Error ellipse: s-maj=0.4km s-min=0.1km az=19.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like CRE, PARCH, ASQU, etc.

ISC/JB 12 05:32:55.6, 1.3, 24.29S, 0.07, 67.14W, 0.08, h198km, 15km, Error ellipse: s-maj=15.9km s-min=5.8km az=137.6

SJA 12 05:32:55.3, 0.8, 24.28S, 67.14W, h204km, 9km, ML2.7, MW2.8

GUC 12 05:32:57.5, 0.4, 23.89S, 67.42W, h227km, 31km, ML3.9, h229km, 21km, n14, c206/24, 3C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like SLA, AZAP, CAFAYETE, LIMON VERDE, etc.

Table with columns: ANCH, IPOC Station P, IPOC Station P, IPOC Station P, etc. Includes parameters like 3.13 278, 3.29 280, 3.57 312, 3.83 323.

BJI 12 06:46:18.3, 38.27N, 106.21E, h10km, ML3.6/15, Western Nei Mongol

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like LZH, BTO, XAN, HHC, etc.

CSEM 12 06:48:39.4, 1.3, 38.34N, 37.76E, h8km, MD2.6, Error ellipse: s-maj=30.8km s-min=26.1km az=48.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like AKCD, MALTA, KEMA, etc.

IDC 12 06:49:59.2, 2.1, 20.94S, 177.27W, h318km, 21km, mb3.6/9, mb1.3/7.1, mb1mx3.5/30, mbtmp4.2/11, Error ellipse: s-maj=11.0km s-min=11.1km az=17.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like AFI, URZ, STKA, ASAR, etc.

ISC 12 06:50:01.5, 0.8, 21.0S, 147.00W, 0.2, h350km, n24, c126/24, mb3.9/9, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like WRA, MJAR, PETK, KSRS, etc.

IDC 12 07:03:09.4, 2.1, 18.31N, 92.92W, h0km, mb3.6/5, mb1.3/9.5, mb1mx3.6/35, mbtmp3.6/8, ML3.6/3, MS2.9/5, Mb1.2/9.5, ms1mx2.6/38, Error ellipse: s-maj=50.2km s-min=21.8km az=137.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like CMIG, Matias Romero, etc.

Large table with columns: CMIG, Hargill, 035Z, 035A, 035A, 034A, 034A, 835A, 933A, 833A, 833A, 734A, 832A, 832A, 733A, 733A, 635A, 634A, 634A, 732A, 633A, 534A, 534A, 632A, 632A, 533A, 533A, 631A, 340A, 435B, 434A, 434A, 532A, 532A, 336A, 335A, 433A, 433A, 433A, 531A, 531A, 334A, 334A, 432A, 432A, 530A, 530A, 333A, 333A, 332A, 234A, 137A, 529A, 430A, 430A, 331A, 331A, 233A, 233A, 429A, 429A, 135A, 135A, 232A, 232A, 330A, 330A, 330A, 231A, 230A, MIAR, X37A, X38A, X35A, etc.

Mu-0.22±0.07: Best double couple: M2:2.58600x10^17
NP1:φ=172.00000°,δ=77.00000°,λ=108.00000°: NP2:
φ=327.00000°,δ=646.00000°,λ=72.00000°: Principal axes: T
2.6300,Plg77.0000°,Azmi159.0000°: N -0.0910.
Plg13.0000°,Azmi340.0000°: P -2.5430,Plg0.0000°.
Azmi250.0000°: nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s.
NEIC 12 08:56:00.5,0.2,17.425x167.80E,h35km,mB5.3/40 Error
ellipse: s-maj=6.8km s-min=5.4km az=86.0

NEIC Felt at Port-Vila.
BUI 12 08:56:02.1,16.59S:167.92E,h35km,mB5.0/63,mB5.3/50,
M5.5,3/61,M5.7,4,3/57

ISC 12 08:55:59.9,0.3,17.46S:0104:167.82E,0.06,h27km,
h27km:p-P,N349,e157/368,mS5.3/79,MS5.1/10,15C-8D,
Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Lists various seismic stations and their recorded data.

Table with columns: Station Name, Azimuth, Phase ID, Time, Residual, ISC. Lists various seismic stations and their recorded data.

Table with columns: Station Name, Azimuth, Phase ID, Time, Residual, ISC. Lists various seismic stations and their recorded data.

12d 10h

Table with columns: KMI, comp, PMZ, CMAR, BILL, BILL, BILL, INK, BILL, YKA, ULM, IM04, IM04, DAWY, DAWY, COLA, COLA, COLA, MLY, MLY, ILAR, BPAW, BPAW, MCK, MCK, MCK, RND, RND, RND, RND, YHT, YHT, KSAR, KSAR, KSAR, KSAR, KSAR, KSAR, BMRM, BMRM, EDM, EDM, EDM, YSS, YSS, LRAL, LRAL, EGMT, EGMT, GCMT, GCMT, HRY, HRY, HRY, JTMT, JTMT, SWMT, SWMT, MIAR, MIAR, MIAR, SLMT, SLMT, TUL1, TUL1, TUL1, MSO, MSO, MSO, BOZ, BOZ, BOZ, MJAR, LRM, LRM, K22A, K22A, YMR, YMR, DLMT, DLMT, C09A, C09A, PHWY, PHWY, PHWY, MOOW, MOOW, FXWY, FXWY, WMOK, WMOK, WMOK, HWUT, HWUT, HWUT, HWU, HWU, HWU

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Table with columns: HVU, S22A, S22A, ABTX, ABTX, DUG, DUG, DUG, ANMO, ANMO, NVAR, TXAR, WRA, ASAR, Code, Station Name, A°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC

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Table with columns: ellipse, Code, Station Name, A°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HFS Hagfors, GERES GERESS Array B, NOA NORSAR Array B, DAVOX Davos/Dischmat, TORD Torodi Arr. Be.

IDC 12 10:52:12.6±1.0, 28.09Sx177.35W, h71km, 7km, mb3.7/8, m-1 3.9/8, mb1mx3.7/17, mbtmp4.0/8, Error ellipse: s-maj=20.9km s-min=9.8km az=105.0, Kermedac Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RAO Raoul Island, CTA Charters Tower, STKA Stephens Creek, ASAR Alice Springs, WRA Warrungarra Arr, WRA Warrungarra Arr, QSPA South Pole Qui, MAW Mawson, SNAE Snares, VNA2 Neumayer-Watz, VNA1 Neumayer-Stat, NVAR Mina Array Be, ILAR Eielson Array, NB2 NORSAR Subarray, NOA NORSAR Array B, AKASG Malin Array Be, BRTR Keskin Array B, BRTR Keskin Array B, TORD Torodi Arr. Be.

MEX 12 10:55:52.1±0.3, 16.05N:97.17W, h16km, 5km, MD4.2, Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PANG Puerto Angel, PANG Pinotepa, PNIG Huatulco, HUIG Huatulco, OXBJ Oaxaca, VHO Vista Hermosa.

ISCJB 12 10:55:58.5±0.4, 57.26N:104.154, 16W:0.0, h63km, 6km, mb3.5/6, Error ellipse: s-maj=6.6km s-min=4.1km az=161.6

NEIC 12 10:56:00.8, 57.29N:154.23W, h38km, ML3.3(AEIC), After AEIC

IDC 12 10:56:04.6±1.4, 57.20N:152.26W, h0km, mb3.6/6, mb1 3.8/9, mb1mx3.5/45, mbtmp3.5/8, ML3.3/3, Error ellipse: s-maj=29.6km s-min=15.2km az=70.0

ISC 12 10:56:00.5±1.7, 57.27N:106.154, 22W:0.03, h36km, 3km, n57, 0.91/63, mb3.8/6, Kodiak Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OHAQ Old Harbor, KAK Katmai, KABR Katmai Barrier, KDAK Kodiak Island, KDAK Kodiak Island, ACHA Angle Creek He, KAKN Katmai Knife C, KAKU Katmai Buttes, PLK3 Peulik 3, PLK2 Peulik 2, KAHG Katmai Hook Gl, CNTC Contact Creek, PLK1 Peulik 1, KELA Mount Kelaz, KAHC Katmai Hardscr, MCNL McNeil, AUI Augustine Isla, ANNE Aniakhchak Nort, ANPK Aniakhchak Peak, ANNW Aniakhchak Nort, AZAC Aniakhchak, CHGN Chignik, HOM Homer, ILW Iliamna West, BRK Bradley Lake, VNKR Veniaminof 5, RSO Redoubt South, SEW Seward, SEW Sparrevohn, SDPT Sand Point, RC01 Rabbit Creek A, PWT Part Wells, DNL Dutton South F, PMR Palmer, HIN Hinchinbrook I, GLI Glacier Island, FLD Fort Fidalgo, SML Sawmill, VLZ Valdez, TOTO Talatina, SCM Sheep Creek Mo, RAGM Ragged Mountai, KLU Kutina, BMRM Bremner River, TRF Thorofore Moun, KIAG Kiagna River, BALM Baldy, PTPK Patty Peak, GRNC Granite Creek, ILAR Eielson Array, ILAR Kutina.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like INK Inuvik, YKA Yellowknife Arr, NVAR Mina Array Be, TXAR Lajitas Array, FINES FINESS Array B, AKASG Malin Array Be, GERES GERESS Array B, BRTR Keskin Array B.

IDC 12 11:04:43.2±3.2, 17.39S:83N:40.71E, h5km, MD2.7, Error ellipse: s-maj=3.8/3, mb1mx3.5/18, mbtmp3.6/3, Error ellipse: s-maj=72.1km s-min=38.5km az=101.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, WRA Warrungarra Arr, ASAR Alice Springs, SONMI Sonmian Array.

CSEM 12 11:16:49.9±0.3, 39.83N:40.71E, h5km, MD2.7, Error ellipse: s-maj=9.8km s-min=6.7km az=80.0

ISCJB 12 11:16:50.5±0.6, 39.83N:0.03:40.63E±0.05, h5km, 6km, Error ellipse: s-maj=6.3km s-min=5.0km az=175.4

ISK 12 11:16:50.8, 39.86N:40.63E, h6km, MD2.5, DDA 12 11:16:55.3, 40.00N:40.71E, h6km, MD2.7

ISC 12 11:16:54.0±0.9, 39.84N:0.03:40.63E±0.03, h12km, 7km, n16, ±1597/27, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KOPT Kop Dag, KOPT Kop Dag, ECAT Cat-ERZURUM, ECAT Cat-ERZURUM, EZM Erzurum, BAYT Ayd-ntepe-Bay, BAYT Ayd-ntepe-Bay, BAYT Bing'li, BNGB Bingol, BINT Bingol, KELT Kelkit, KELT Kelkit, PTK Pertek, PTK Pertek, DBAD Bademkaya, DBAD Bademkaya, DBAD Agillar.

IDC 12 11:29:20.1±1.7, 4.02S:131.60E, h0km, mb3.6/5, mb1 3.8/8, mb1mx3.6/37, mbtmp3.7/8, ML3.3/3, MS3.3/1, Ms1 3.3/1, ms1mx2.5/45, Error ellipse: s-maj=84.4km s-min=24.0km az=76.0

ISCJB 12 11:29:22.7±0.6, 4.05S:131.50E±0.07, h29km, mb3.8/8, Error ellipse: s-maj=10.2km s-min=8.0km az=10.6

DJA 12 11:29:25.0±0.5, 4.54S:131.2E, h74km, 14km, M4.1/6, mb4.3/4, ML3.9/6

ISC 12 11:29:24.0±1.0, 4.05S:131.53E±0.08, h29km, n15, 0.84/17, mb4.0/5, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FAKI Fak Fak, BNDI Bandanaira, SIJI Sorong, SIJI Sorong, SWI Sorong, SWI Labuha, BAKI Biak, SANI Sanana, KAPI Kappan, WRA Warrungarra Arr, CMAR Chiang Mai Arr, MKAR Makanchi Arr, ZALV Zalevo Beam, KURBB Kurchatov Arr, BVAR Borovoye Array.

BEO 12 11:35:02.0±0.6, 43.15N:18.53E, h4km, 5km, ML1.6/6, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like STON Ston, PDLN Podgorica, BBLs Lazli&263i, BBLs Sjenica, SJSJ Sjenica, IVAS Ivanjica, DIVS Divibare, DIVS Divibare.

ISCJB 12 11:35:41.4±0.4, 37.76N:0.02:26.94E±0.02, h2km, 4km, Error ellipse: s-maj=3.6km s-min=2.9km az=43.2

ISK 12 11:35:41.9, 37.78N:26.96E, h15km, MD2.9, CSEM 12 11:35:41.6±0.2, 37.75N:26.92E, h6km, MD3.1, Error ellipse: s-maj=3.9km s-min=3.2km az=56.0

DDA 12 11:35:41.5, 37.74N:26.91E, h16km, MD3.0, ATH 12 11:35:41.5, 37.75N:26.92E, h12km, MD3.1/6

ISC 12 11:35:41.6±0.8, 37.77N:0.02:26.93E±0.02, h12km, 5km, n47, 0.51/78, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SMG Samos, SMG Samos, SMG Samos, GZelcaml?, GZelcaml?, GZelcaml?.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZEY Zeytinokoy-Aydi, ZEY Zeytinokoy-Aydi, BLCB Balcovia, BLCB Balcovia, UURLA Izmir, UURLA Izmir, AYDN Tasoluk, AYDN Tasoluk, AYDN Zeytinokoy-Aydi, AYDN Zeytinokoy-Aydi, BDRM Kayabasi, BDRM Kayabasi, CHOS Chios island, CHOS Chios island, CHOS Chios island, CHOS Chios island, NIS1 Nisyros Isl., NIS1 Nisyros Isl., NIS1 Nisyros Isl., YER Yerkesik, YER Yerkesik, DKL Dikili, DKL Dikili, AKHS Akhisar, AKHS Akhisar, AKHS Akhisar, AKHS Akhisar, APE Apeiranthos, APE Apeiranthos, APE Apeiranthos, APE Apeiranthos, KULA Kula-Manisa, KULA Kula-Manisa, PRK Paraskevi, PRK Paraskevi, PRK Paraskevi, PRK Paraskevi, SGR Sigris, SGR Sigris, SGR Sigris, SGR Sigris, DURS Dursunbey, DURS Dursunbey.

KRSC 12 11:36:05.5±1.1, 55.50N:161.36E, h138km, 11km, ML3.5, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KMNR Kamenistaya, KZV Kizimen, TUMR Tumrok, KLY Klyuchi, MKZ Mys Kozlova, MKZ Mys Kozlova, KOZ Kozzyrevsk, BDR Baidarnaya, BDR Baidarnaya, SMKR Semkarok, SMKR Semkarok, KBTR Krotoberegovo, KBTR Krotokina, SRDR Sredinnyy, SRDR Sredinnyy, SPN Mys Shipunski, SPN Mys Shipunski, KRER Arik, KRER Koryakskiy, GNL Ganaly, KOB Apykka, KOB Petropavlovsk, RUS Russkaya.

NNC 12 11:46:30.1±1.4, 48.65N:69.41E, h0km, mb3.6, mpv3.2, 7C-30, Error ellipse: s-maj=16.6km s-min=10.0km az=82.0, Central Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BVAO Borovoye Array, BVAO Borovoye, BRVK Borovoye, BRVK Borovoye, KURBB Kurchatov Arra, AB31 Akbulak, MNAS Manas, MNAS Manas, AAK Ala-Archa, TKM2 Tokmak 2.

BEO 12 11:50:37.5±1.4, 42.58N:24.08E, h0km, ML1.3/3, Suspected mining explosion, Bulgaria

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VTS Vitoshka, VTS Vitoshka, ZAPS Zavoj, ZAPS Zavoj, BARS Barje, BARS Barje.

MOS 12 11:54:11.2±0.8, 1.18S:77.38W, h175km, mb6.5/83, MS6.4/12, Error ellipse: s-maj=6.17km s-min=4.2km az=96.4

BUI 12 11:54:14.5, 1.30S:77.30W, h224km, mb6.6/38

NEIC 12 11:54:14.0±0.1, 1.28S:77.37W, h189km, Moment Tensor Solution, s44 Moment tensor: Scale 10^19Nm; Mr=2.62; Ms=1.40; Mns=1.22; M0=3.21; Mw=2.24; Mw-2.79; Best double couple: Ms=3.0000x10^19; M1=3.3110x10^0000; S72.00000; -1-91.00000; -NP2=138.00000; 818.00000; -1-82.00000; Principal axes: T=5.7200, Plg2=0.0000; Azm42.0000; N=0.9200, Plg2=0.0000; Azm311.0000; P=4.7900, Plg2=0.0000; Azm217.0000;

ISCJB 12 11:54:15.3±0.4, 1.21S:0.02:77.36W±0.02, h215km, 3km, mb6.2/447, Error ellipse: s-maj=3.6km s-min=2.2km az=23.5

NEIC 12 11:54:15.6±0.1, 1.27S:77.31W, mb6.4/291, ME7.1

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like T25A Trinidad, P30A Selder, LONY Lake Ozonia, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like WUAZ Wupatki, P30I Presque Isle, K29A Lazy Trails, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like GMRC Granite Mounta, ROA Roan Cliffs, BHU Blowhard Mount, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like NOQ North Oquirrh, LEOC Leona Valley, TPNV Topopah Spring, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like ULM Simps, ULM comp-Z,6.4nm,0.7s, ULM comp-Z,2.91nm,0.9s, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like OHCM Honcut, WVOR Wild Horse Val, WVOR comp-Z,2.0um,1.3s, etc.

12d 11h

Table with columns: ID, Name, Time, and other details. Rows include 104A Detroit Lake, TRW Toppish Ridg, ADH Angra Heroismo, etc.

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Table with columns: SFJD, Name, Time, and other details. Rows include Kangerlussuaq, Kangerlussuaq, Kangerlussuaq, etc.

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Table with columns: PESTR, Name, Time, and other details. Rows include Estremoz, Viseu, Skagway, etc.

12d 11h

Table with columns for station call letters, frequency, and other technical details. Includes stations like BMR Baia Mare, BLR Baia Mare, KLV Kalavryta, etc.

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Table with columns for station call letters, frequency, and other technical details. Includes stations like PAIG Paliouri, AMKA Amchitka, ARR Arges, etc.

650

Table with columns for station call letters, frequency, and other technical details. Includes stations like URZ comp=Z,19nm,1.0s, bazu=58, slow=5.5, SNR=4.2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists various meteorological stations and their data points.

IDC 12 12:33:14.6:0.8,3.26N,126.57E,h0km,mb3.8/8, mb1 3.9/9,mb1mx3.7/47,mbtmp3.8/9,ML3.2/1,Error ellipse: s-maj=62.3km,s-min=14.9km,az=68.0

ISCJB 12 12:33:19.4:0.7,3.34N,126.78E,0.3,h53km,mb3.8/8, Error ellipse: s-maj=91.9km,s-min=15.3km,az=153.5

ISC 12 12:33:21.6:0.9,3.3N,126.9E,0.3,h53km,n9,0:92/9, mb3.8/8,Talau Islands

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

MEX 12 12:42:31.4:0.5,18.17N,103.46W,h10km,5km,MD4.1, Near coast of Michoacan

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists stations near the coast of Michoacan.

MAN 12 12:53:27.9:66N,124:82E,h44km,mb4.6,ML3.4,MS3.3, SC, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists stations in the Mindanao region.

IDC 12 12:53:42.6:0.6,17.34S,167.89E,h0km,mb4.7/17, mb1 4.8/18,mb1mx4.7/31,mbtmp4.7/18,ML4.5/1,Error ellipse: s-maj=20.3km,s-min=15.6km,az=98.0

ISCJB 12 12:53:47.5:1.4,17.31S,167.72E,0.0,0.5,h35km,12km, mb5.1/78,MS5.5/3,Error ellipse: s-maj=8.1km,s-min=7.2km,az=142.7

MOS 12 12:53:48.5:1.1,17.31S,167.62E,h41km,mb5.4/29,Error ellipse: s-maj=10.5km,s-min=8.0km,az=37.9

NEIC 12 12:53:49.7:1.1,17.36S,167.73E,h43km,10km,mb5.2/36, Error ellipse: s-maj=8.7km,s-min=7.7km,az=198.0

AUST 12 12:53:50.3:2.8,17.27S,167.92E,h60km,22km, Error ellipse: s-maj=18.1km,s-min=9.2km,az=85.0

BUI 12 12:53:50.0,16:15S:167.75E,h35km,mb5.0/45,mb5.5/11, MS5.8/15,MS7 5.6/15

ISC 12 12:53:49.2:0.4,17:37S:166:167.71E,0.06,h38km,3km, h38km:pp-P,n239,e1:38/241,mb5.2/76,MS5.5/3,17C-11D, Vanuatu Islands

Main table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists numerous meteorological stations across various regions.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Continues the list of meteorological stations from the previous table.

Table with columns: JOW, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Aguni-jima, Natsuke, Chichi jima, etc.

Table with columns: MRZ, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Mangatainoka R, Kereru, Holdsworth Sta, etc.

Table with columns: URZ, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like D'Urville Isla, Vera Road, Tuamarina, etc.

ISC 12 14:19:59.0-2.8, mb1 4.2/6, mb1mx3.9/39, mbtmp4.1/6, ML4.3/1, Error ellipse: s-maj=43.2km s-min=34.0km az=64.0

ISCJTB 12 14:20:00.9-1.7, 17.91S, 0.10:167.7E:0.3, h27km, mb4.0/5, Error ellipse: s-maj=37.4km s-min=14.2km az=1.0

ISC 12 14:20:02.0-1.8, 17.9S, 0.1:167.8E:0.3, h27km, n7, s159.9, mb4.1/5, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Mont Dumac, Stephens Creek, Warramunga Arr, etc.

ISCJTB 12 14:27:34.1-0.7, 40.187S, 0.03:177.40E:0.05, h21km, 5km, mb3.8/3, Error ellipse: s-maj=6.4km s-min=3.2km az=29.7

ISC 12 14:27:35.8-1.0, 40.162S, 177.00E, h0km, mb4.0/3, mb1 4.2/5, mb1mx3.9/25, mbtmp4.0/5, ML3.9/2, Error ellipse: s-maj=32.8km s-min=28.1km az=95.0

NEIC 12 14:27:38.0, 40.74S:177.19E, h27km, ML4.5(WEL), After WEL

WEL Felt between Hawkes Bay and Wairapa, maximum reported.

ISC 12 14:27:35.0:1.6, 40.79S:0.03:177.30E:0.04, h7km, 9km, n198, s180/205, mb3.8/3, 28C-4D, Off east coast of North Island

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Angora Road, Porangahau, Wairamunga Arr, etc.

ISC 12 14:19:57.4-2.0, 17.69S:167.86E, h0km, mb4.1/5, mb1 4.2/6, mb1mx3.9/39, mbtmp4.1/6, ML4.3/1, Error ellipse: s-maj=43.2km s-min=34.0km az=64.0

ISCJTB 12 14:20:00.9-1.7, 17.91S, 0.10:167.7E:0.3, h27km, mb4.0/5, Error ellipse: s-maj=37.4km s-min=14.2km az=1.0

ISC 12 14:20:02.0-1.8, 17.9S, 0.1:167.8E:0.3, h27km, n7, s159.9, mb4.1/5, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Mangateitei, Whangape Hut, Shannon Statio, etc.

ISCJTB 12 14:27:34.1-0.7, 40.187S, 0.03:177.40E:0.05, h21km, 5km, mb3.8/3, Error ellipse: s-maj=6.4km s-min=3.2km az=29.7

ISC 12 14:27:35.8-1.0, 40.162S, 177.00E, h0km, mb4.0/3, mb1 4.2/5, mb1mx3.9/25, mbtmp4.0/5, ML3.9/2, Error ellipse: s-maj=32.8km s-min=28.1km az=95.0

NEIC 12 14:27:38.0, 40.74S:177.19E, h27km, ML4.5(WEL), After WEL

WEL Felt between Hawkes Bay and Wairapa, maximum reported.

ISC 12 14:27:35.0:1.6, 40.79S:0.03:177.30E:0.04, h7km, 9km, n198, s180/205, mb3.8/3, 28C-4D, Off east coast of North Island

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

ISC 12 14:30:50.6-1.0, 10.215S, 0.07:124.11E:0.06, h36km, n17, s136/20, Timor region

AUST 12 14:30:53.0:0.6, 10.5:6:12.4E:1, h10km, 7km, mb4.5/2, ML4.2/8

ISCJTB 12 14:30:49.2:1.0, 10.28S:0.05:124.11E:0.04, h36km, mb3.5/1, Error ellipse: s-maj=7.7km s-min=4.7km az=29.6

DJA 12 14:30:53.0:0.6, 10.5:6:12.4E:1, h10km, 7km, mb4.5/2, ML4.2/8

ISC 12 14:30:50.6-1.0, 10.215S, 0.07:124.11E:0.06, h36km, n17, s136/20, Timor region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Tenuku, Lake Rotokare, Tuamarina, etc.

12d 15h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BAIING, WAIANGAPU, MANTON DAM, etc.

IDC 12 14:32:12.3e.1.4, 29.935x177.17W, h0km, mb4.1/4, mb1.4/2.5, mb1mx3.8/28, mbtmp4.1/5, ML3.0/1, Error ellipse: s-maj=32.3km s-min=27.6km az=93.0

ISCJB 12 14:32:16.6e.2.2, 30.075x177.5W, h35km, mb4.2/6, Error ellipse: s-maj=38.4km s-min=7.3km az=179.9

NEIC 12 14:32:17.7e.1.5, 29.995x177.35W, h35km, mb4.5/2, Error ellipse: s-maj=31.0km s-min=16.5km az=95.0

ISC 12 14:32:17.8e.1.4, 29.985x177.4W, h35km, mb4.6/3, Error ellipse: s-maj=31.0km s-min=16.5km az=95.0

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

SJA 12 14:42:11.2e.0.5, 34.085x73.68W, h94km, 31km, ML3.9, MW3.5

GUC 12 14:42:25.3e.0.4, 33.515x72.28W, h34km, 17km, ML3.6

ISC 12 14:42:16.3e.3.5, 34.115x72.9W, h0km, 18km, n19, az=257/22, 1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like U73B, LNV, U69B, etc.

GUC 12 14:43:43.7e.0.4, 36.995x73.34W, h23km, 2km, ML3.9, Near coast of central Chile

CCSP San Pedro de C 0.23 51 Op Pn 14 43 49.7 +0.1

HEL 12 14:44:55.8e.0.8, 67.68N-34.38E, h0km, ML2.4, Explosion NAO 12 14:44:59.4e.1.3, 67.59N-33.87E, ML2.6

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like APA, RNF, ARAO, etc.

IDC 12 14:44:55.7e.7.8, 6.63N-123.81E, h621km, 61km, mb2.9/11, mb1.3/0.11, mb1mx2.8/40, mbtmp4.0/11, Error ellipse: s-maj=90.9km s-min=21.0km az=164.0, Mindanao

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

ISCJB 12 14:45:02.1e.0.3, 7.62Sx128.31E, h142km, mb3.9/10, Error ellipse: s-maj=4.6km s-min=3.7km az=43.9

AUST 12 14:45:03.4e.0.0, 7.79Sx128.14E, h174km, Error ellipse: s-maj=0.8km s-min=0.7km az=347.0

IDC 12 14:45:04.7e.1.9, 7.52Sx128.06E, h177km, 18km, mb3.6/10, mb1.3/0.14, mb1mx3.6/37, mbtmp4.3/14, Error ellipse: s-maj=20.4km s-min=15.8km az=73.0

DJA 12 14:45:05.2e.0.3, 8.3e.3x12.8E, h164km, 14km, M4.7/16, mb4.7/16, mb5.2/11, MLV.9/13, Mw(MB)4.6/11

ISC 12 14:45:01.5e.0.4, 7.54Sx128.26E, h142km, n64, az=228/64, mb3.9/10, 1D, Banda Sea

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

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SUJI, SWI, WSI, etc.

CSEM 12 14:51:53.0, 40.28N-29.14E, h4km, MD2.2, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MDNY, MUDANYA-BURSA, etc.

DDA 12 14:52:43.6, 39.68N-27.48E, h8km, MD2.5, Turkey

BALY Balya 0.13 60 Op Pn 14 52 46.7 +0.2

IDC 12 15:11:38.9e.14.0, 17.47S-167.60E, h0km, mb3.9/3, mb1.4/0.4, mb1mx3.7/33, mbtmp3.9/4, ML3.8/1, Error ellipse: s-maj=241.6km s-min=40.7km az=73.0, Vanuatu Islands

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

ISCJB 12 15:23:18.9-0.1, 41.23N, 80.60E, mb4.2
IDC 12 15:23:19.0-0.7, 42.04N, 81.08E, h0km, mb4.0/16,
mb1.4, 1/22, mb1mx4.0/36, mbtmp4.0/22, ML3.6/7, Error
ellipse: s-maj=14.7km s-min=11.8km az=67.0, h0km

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARU, ARU, CD2, etc.

IDC 12 15:23:38.5-1.7, 7.16S, 129.26E, h0km, mb4.1/1,
mb1.3/4, mb1mx3.5/21, mbtmp3.7/4, ML3.6/3, Error
ellipse: s-maj=66.3km s-min=28.6km az=78.0

AUST 12 15:23:46.6, 6.97S, 130.54E, h100km
ISC 12 15:23:45.7-1.1, 7.07S, 0.06E, 131.1E, 0.3, h35km, n11,

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

ISCJB 12 15:40:05.1-0.7, 37.84N, 0.03E, 26.76E, h0km, 5km,
Error ellipse: s-maj=6.3km s-min=3.5km az=142.5

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

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like Chichi jima, Boso 3, JODD, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like Inuvik, SVE, SVE, etc.

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

ISCJB 12 16:21:24.2,0.5,32.24N,0.03,-115.20W,0.03,h15km,4km, Error ellipse: s-maj=4.8km s-min=4.3km az=150.1

MEX 12 16:21:26.8,0.3,32.22N,115.16W,h20km,10km,MD4.0 Error ellipse: s-maj=3.0, s-min=2.9, az=177.0

NEIC 12 16:21:26.3,32.22N,115.29W,h3km,ML2.9(PAS), ML3.1(IEC), After E-CX

ISC 12 16:21:24.9,0.9,32.20N,0.02,-115.27W,0.02,h13km,7km, n32,r1524/56,5C-7D,California-Baja California border region

Code Station Name Az Phase ID Time Res MBIG Mexico 0.22 17 Op ISC h m s ISC

Code Station Name Az Phase ID Time Res MBIG Mexico 0.22 17 Op ISC h m s ISC

Code Station Name Az Phase ID Time Res MBIG Mexico 0.22 17 Op ISC h m s ISC

Code Station Name Az Phase ID Time Res MBIG Mexico 0.22 17 Op ISC h m s ISC

Code Station Name Az Phase ID Time Res MBIG Mexico 0.22 17 Op ISC h m s ISC

Code Station Name Az Phase ID Time Res MBIG Mexico 0.22 17 Op ISC h m s ISC

Code Station Name Az Phase ID Time Res MBIG Mexico 0.22 17 Op ISC h m s ISC

Code Station Name Az Phase ID Time Res MBIG Mexico 0.22 17 Op ISC h m s ISC

Code Station Name Az Phase ID Time Res MBIG Mexico 0.22 17 Op ISC h m s ISC

SJA 12 16:53:52.7,0.6,28.68S,67.22W,h144km,9km,ML3.6, MW3.5,La Rioja Province

Code Station Name Az Phase ID Time Res MBIG Mexico 0.22 17 Op ISC h m s ISC

Code Station Name Az Phase ID Time Res MBIG Mexico 0.22 17 Op ISC h m s ISC

Code Station Name Az Phase ID Time Res MBIG Mexico 0.22 17 Op ISC h m s ISC

Code Station Name Az Phase ID Time Res MBIG Mexico 0.22 17 Op ISC h m s ISC

Code Station Name Az Phase ID Time Res MBIG Mexico 0.22 17 Op ISC h m s ISC

Code Station Name Az Phase ID Time Res MBIG Mexico 0.22 17 Op ISC h m s ISC

Code Station Name Az Phase ID Time Res MBIG Mexico 0.22 17 Op ISC h m s ISC

Code Station Name Az Phase ID Time Res MBIG Mexico 0.22 17 Op ISC h m s ISC

Error ellipse: s-maj=4.1km s-min=3.4km az=17.2
CSEM 12:17:09:35.2,0.1,39.91N-29.20E,h5km,MD2.8,Error
ellipse: s-maj=2.5km s-min=2.2km az=117.0
ISC 12:17:09:35.1,1.1,39.90N,0.02-29.18E,0.02,h3km,10km,
n57,of59/76,Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Uludag, Orhanelli, Dursunbey, etc.

ISCJCB 12:17:14:50.4,0.4,24.05N,0.04-109.16W,0.03,h10km,
mb4.5/37,MS3.6/6,Error ellipse: s-maj=5.9km
s-min=3.8km az=173.5

IDC 12:17:14:51.5,0.8,24.08N-109.18W,h0km,mb4.2/12,
mb1.4,3/16,mb1mx4.2/28,mbtmp4.1/16,ML3.0/4,MS3.7/8,
Ms1.3,7/8,ms1mx3.4/32,Error ellipse: s-maj=18.8km
s-min=17.4,2km az=9

NEIC 12:17:14:52.0,0.5,24.07N-109.19W,h10km,mb4.4/48,
Error ellipse: s-maj=8.0km s-min=6.2km az=206.0
MEX 12:17:14:57.9,0.3,23.96N-109.64W,h7km-8km,MD4.4
ISC 12:17:14:52.0,0.5,24.07N,0.06-109.25W,0.04,h10km,
n209,of125/187,mb4.5/37,MS3.7/6,Gulf of California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Sierra La Lagu, La Paz, Mazatlan, Santa Rosalia, etc.

Table with columns: ANMO, Station Name, Time, Res, ISC. Lists stations like Albuquerque, Bronte, Millersview, Iron Mountain, etc.

Table with columns: I19A, Station Name, Time, Res, ISC. Lists stations like Meeteetse, Flagg Ranch, Modoc, Camas Ranch, etc.

ISCJB 12 20:33:31.8,0.5, 15.10S:0.1x173.5W:0.1, h30km, mb4.2/12, MS3.4/4, Error ellipse: s-maj=22.8km s-min=8.0km az=138.9

ISC 12 20:33:33.5,0.5, 15.11S:0.1x173.4W:0.1, h30km, n63, o84/54, mb4.3/12, MS3.4/4, 11C-10D, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates.

ISCJB 12 20:50:13.7,0.3, 54.32N:0.06:168.80E:0.03, h20km, mb4.1/33, MS3.4/4, Error ellipse: s-maj=8.0km s-min=2.9km az=176.3

KRSC 12 20:50:13.8,2.2, 54.19N:168.39E, h7km, 14km, ML4.4

ISC 12 20:50:13.1,0.8, 54.56N:168.73E, h0km, mb3.9/17, mb1.4/18, mb1mx3.8/50, mbtmp3.9/18, ML3.2/1, MS3.3/5, Ms1.3/3.5, ms1mx2.9/46, Error ellipse: s-maj=22.3km s-min=16.4km az=169.0

MOS 12 20:50:15.1, 1.0, 54.37N:168.87E, h31km, mb4.7/5, Error ellipse: s-maj=11.4km s-min=3.9km az=17.0

NEIC 12 20:50:18.6, 1.2, 54.57N:168.77E, h36km, 11km, mb4.5/14, Error ellipse: s-maj=11.4km s-min=5.3km az=169.0

ISC 12 20:50:15.0, 0.6, 54.30N:0.07:168.80E:0.05, h20km, n96, o138/98, mb4.2/33, MS3.3/4, Komandorsky Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for Komandorsky Islands region.

KBTR Krutoberegovo 3.92 302 Pn Pn 20 51 14.9 +0.5

Main table of seismic stations and events. Columns include Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like WRA, ASAR, WND, etc.

comp=2.0,3nm,0.5s,baz=45,slow=4.3,SNR=3.5

WRA Warramunga Arr 79.63 213 P P 21 02 22.9 +1.8

ASAR Alice Springs 83.26 212 P P 21 02 42.0 +1.7

ASAR Alice Springs 83.26 212 P P 21 02 42.0 +1.7

ISC 12 20:55:33.9, 1.0, 54.57N:168.79E, h0km, mb3.9/14, mb1.4/0.15, mb1mx3.7/55, mbtmp3.9/15, ML3.5/1, Error ellipse: s-maj=28.2km s-min=16.9km az=174.0

ISCJB 12 20:55:34.2, 0.4, 54.26N:0.06:168.75E:0.04, h20km, mb3.9/20, Error ellipse: s-maj=8.0km s-min=3.3km az=170.8

KRSC 12 20:55:35.3, 1.8, 54.21N:168.41E, h15km, 10km, ML4.4

MOS 12 20:55:35.1, 1.0, 54.44N:168.80E, h25km, mb4.3/2, Error ellipse: s-maj=12.5km s-min=9.7km az=10.3

NEIC 12 20:55:39.1, 1.0, 54.56N:168.82E, h35km, mb4.2/6, Error ellipse: s-maj=15.8km s-min=6.5km az=168.0

ISC 12 20:55:36.0, 0.7, 54.30N:0.07:168.82E:0.06, h20km, n67, o132/82, mb4.0/20, Komandorsky Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for Komandorsky Islands region.

12d 23h

Table with columns: TXAR, Lajitas Array, 72.16 345 P, P, 22 17 34.7 -1.4, etc.

IDC 12 22:18:25.2.1.2.17:80S:167.67E, h0km, mb4.0/7, mb1 4.2/6, mb1mx3.9/34, mbrmp4.0/8, ML3.6/1, MS3.7/9, MS1 3.7/9, ms1mx3.4/23, Error ellipse: s-maj=38.8km s-min=23.4km az=129.0

ISCJB 12 22:18:27.5-1.1, 17.94S:0:08:167.6E:0.2, h23km, mb4.0/7, MS3.6/8, Error ellipse: s-maj=27.9km s-min=10.4km az=8.1

ISC 12 22:18:29.1-1.0, 17.9S:0:1x167.7E:0.2, h23km, n19, c140/14, mb4.0/7, MS3.6/8, 1C-1D, Vanuatu Islands

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

SJA 12 22:28:14.7-0.4, 30.96S:72.48W, h57km, 6km, ML3.3, MW3.5, Off coast of central Chile

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

KRNET 12 22:31:24.3-0.1, 42.34N:76.20E, h10km, mb3.0, NNC 12 22:31:25.0-1.0, 42.38N:76.15E, h0km, 7km, mb3.1, mpv3.0, Error ellipse: s-maj=8.2km s-min=2.4km az=163.0

KNET 12 22:31:24.2-0.2, 42.36N:76.14E, h11km, 2km, ml2.5, Error ellipse: s-maj=2.5km s-min=1.9km az=27.0

ISC 12 22:31:24.5-0.8, 42.32N:0:03:76.16E:0.02, h14km, 6km, n31, c0993/54, 29C-19D, Lake Issyk-Kul region

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

2010 AUG

Table with columns: UCH, Uchtor, 1.22 266 fP, Pn, 22 31 47.4 -0.2, etc. Includes stations like UCH, UCH, UCH, etc.

IDC 12 22:52:26.6-3.5, 5.79S:149.08E, h0km, mb3.9/2, mb1 4.3/3, mb1mx3.6/33, mbtmp4.1/3, ML2.2/1, Error ellipse: s-maj=121.4km s-min=39.3km az=110.0, New Britain region

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

IDC 12 23:19:46.0-23.0, 25.19S:179.19E, h611km, 243km, mb3.4/4, mb1 3.6/4, mb1mx3.0/29, mbtmp4.6/4, Error ellipse: s-maj=170.5km s-min=80.9km az=81.0

AUST 12 23:20:16.9-99.0, 26.40S:175.74E, h700km, 6km, Error ellipse: s-maj=51.7km s-min=5.4km az=265.0

ISC 12 23:19:48.2-2.6, 25.8S:0:7:179.3E:0.4, h650km, n13, c046/12, mb4.1/4, South of Fiji Islands

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

UPP 12 23:20:26.9, 67.85N:20:15E, h0km, ML 1.2, Mining explosion.

CSEM 12 23:20:28.3-0.4, 67.86N:20:43E, h2km, ML 1.2, Error ellipse: s-maj=9.2km s-min=6.7km az=64.0, Mining explosion.

NAO 12 23:20:30.5-1.7, 67.87N:20:53E, ML2.0, BER 12 23:20:32.3-4.5, 67.90N:20:36E, h0km, ML2.0(NAO), Suspected explosion.

HEL 12 23:29:0.0, 67.86N:20:43E, h0km, ML 1.8, Explosion, Sweden

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

Table with columns: ERTU, Ertshaerv, 1.48 152 eP, Pn, 23 20 54.7 -2.1, etc. Includes stations like ERTU, ERTU, ERTU, etc.

IDC 12 23:35:5.1-9.1, 17.42S:167.72E, h0km, mb4.3/5, mb1 4.4/6, mb1mx4.0/29, mbrmp4.3/6, ML4.2/1, MS3.6/4, MS1 3.6/4, ms1mx3.0/22, Error ellipse: s-maj=55.3km s-min=25.8km az=113.0

ISCJB 12 23:37:2.2-0.1, 17.51S:0:08:167.8E:0.3, h27km, mb4.2/5, MS3.5/4, Error ellipse: s-maj=47.9km s-min=11.0km az=3.0

ISC 12 23:38:5.1-4.1, 17.5S:0:1x167.9E:0.3, h27km, n14, c0584/12, mb4.3/5, MS3.5/4, 2C, Vanuatu Islands

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

ISCJB 12 23:36:15.4-1.1, 11.56N:0:06:62.05W:0.06, h106km, 10km, Error ellipse: s-maj=10.9km s-min=9.0km az=142.0

FUNV 12 23:36:18.9, 11:35N:61.98W, h112km, MW2.5, TRN 12 23:36:21.5, 11:60N:61.68W, h74km, MD3.1

ISC 12 23:36:14.8-2.0, 11.58N:0:07:62.00W:0.06, h117km, 15km, n11, c150/16, 1C, Windward Islands

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

AUST 12 23:46:48.3, 1:03N:96:50E, h0km, KLM 12 23:46:48.1, 1:10N:96:35E, h203km, mb4.3, MS5.2, IDC 12 23:46:51.9-0.8, 1:21N:96:94E, h0km, mb4.2/17, mb1 4.3/19, mb1mx4.1/40, mbtmp4.2/19, ML4.2/2, MS3.4/2, MS1 3.4/2, ms1mx2.8/42, Error ellipse: s-maj=26.6km s-min=14.9km az=50.0

Table with columns for station call letters, frequency, and signal strength. Includes stations like SKR, JMA, JKA, ASAJ, etc.

Table with columns for station call letters, frequency, and signal strength. Includes stations like TEY, JOSH, JABR, KHABAROVSK, etc.

Table with columns for station call letters, frequency, and signal strength. Includes stations like SMY, SBY, JWM, YAK, etc.

Table with columns for station code, name, coordinates, elevation, and various performance metrics. Includes stations like JUR Ureshino, KSKWJ Gwangju, KSGWJ Gwangju-acc, etc.

Table with columns for station code, name, coordinates, elevation, and various performance metrics. Includes stations like SSSLB Yu-Hi, YULB Midway, QZH Quanzhou, etc.

Table with columns for station code, name, coordinates, elevation, and various performance metrics. Includes stations like HDA Harding Lake, CD2 Chengdu, PAX Paxson, etc.

Table with columns for station name, time, and various codes. Includes stations like Chamberlain Mo, Wild Horse Val, Fort Churchill, Marconi Center, etc.

Table with columns for station name, time, and various codes. Includes stations like VORD, SFJD, YMR, NVAR, YFT, ELK, MLAC, H17A, etc.

Table with columns for station name, time, and various codes. Includes stations like MCGM, ISA, ISA, ISA, MNC, I20A, J19A, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like SHPR Sheep Range, I23A Meade Ranch, F26A Lodgepole, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like AGMN Agassiz Nation, AGMN Agassiz Nation, O20A White River Cn, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like ISCO Idaho Springs, ISCO Idaho Springs, J29A Okreek, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like X28A Dimmitt, Q36A Arnold C. Orve, GLMI Grayling, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like HDIL Hopedale, HDIL Hopedale, 228A UT Block 9, Go, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like 429A Davenport Ranch, 234A Collier Ranch, Y35A Marietta, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like 238A Mt. Pleasant, AXAR Agios Charaliam, JAN Janina, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like ITM Ithomi, OXF Oxford, CUC Custrucocu, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like VVDA Vanda, NNA Nana, TSM Tsumeb, etc.

SJA 13 02:05:57.6;0.9,31:81S:68:34W,h11km,4m,ML3.6,San Juan Province

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like RTVC Cerro Valdivia, CFJA Coronel Fontan, SJA San Juan, etc.

ISCJB 13 02:15:39.0;0.8,34:78S:0:04;71:9W:0:1,h46km,9km, Error ellipse: s-maj=15.3km s-min=6.9km az=12.2

ISC 13 02:15:39.5;1.3,34:79S:0:04;71:84W:0:0,h42km,11km,n25,0993/37,4C-4D,Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like U65B HualaeO, U65B HualaeO, NICH Los Niches, etc.

ISCJB 13 02:30:49.6:0.6, 17.71S:0.06:167.9E:0.1, h27km, mb4.3/18, Error ellipse: s-maj=17.3km s-min=8.7km az=8.7

NEIC 13 02:30:52.1:0.4, 17.65S:168.01E, h35km, mb4.4/4, Error ellipse: s-maj=14.1km s-min=9.8km az=102.0

ISC 13 02:30:50.8:0.6, 17.66S:0.08:168.0E:0.2, h27km, n40, c0587/40, mb4.3/17, 4C, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates.

ISC 13 02:36:50.7:4.6, 15.22Sx173.45W, h0km, mb3.7/2, mb1.4/0.3, mb1mx3.5/40, mbtmp3.8/3, ML3.5/1, MS3.4/2, Ms1.3/4.2, ms1mx2.2, Error ellipse: s-maj=280.6km s-min=26.8km az=140.0, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Lists seismic stations for the Tonga Islands event.

NIED 13 02:38:00, 39.80N, 141.80E, h53km, Mw3.6 Best double couple: M2, 68000; 1014 NP1, 6510,00000; 351,00000, 1-19,00000; NP2, 6251,00000; 876,00000; 1-140,00000

ISCJB 13 02:38:10.6:0.6, 39.76N:0.03:141.88E:0.0, h66km, 3km, mb3.7/6, Error ellipse: s-maj=10.5km s-min=5.6km az=7.5

JMA 13 02:38:11.9:0.1, 39.76N:141.85E, h57km, 1km, M3.6 Broadband flat plane solution: P waves. NP1: 62,21,00000; 666,00000; 1,102,00000. NP2: 65,173,00000; 827,00000; 1,65,00000. Principal axes: T P1g67,0000; Azm314,0000; N P1g11,0000; Azm196,0000; P P1g20,0000; Azm102,0000; JMA Felt 1/1

ISC 13 02:38:13.2:2.9, 39.74N:141.93E, h79km, 25km, mb3.4/6, mb1.3/4.2, mb1mx3.2/42, mbtmp3.9/8, Error ellipse: s-maj=42.3km s-min=20.3km az=89.0

ISC 13 02:38:11.5:0.9, 39.76N:0.04:141.87E:0.07, h58km, 6km, n25, c070/30, mb3.8/6, 3C-8D, Eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Lists seismic stations for the Eastern Honshu event.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Lists seismic stations for the Wake Island event.

ISCJB 13 02:50:30.6:0.4, 48.96S:0.08:121.7E:0.3, h13km, mb4.1/10, MS3.7/5, Error ellipse: s-maj=30.3km s-min=10.7km az=7.1

ISC 13 02:50:30.3:0.8, 48.94S:121.52E, h0km, mb4.1/7, mb1.4/3.8, mb1mx4.1/15, mbtmp4.2/8, ML2.21, MS3.7/5, Ms1.3/7.5, ms1mx3.4/17, Error ellipse: s-maj=45.5km s-min=17.5km az=9.0

NEIC 13 02:50:51.7:0.3, 48.95S:121.59E, h10km, mb4.4/4, Error ellipse: s-maj=16.1km s-min=6.6km az=96.0

ISC 13 02:50:52.1:0.6, 48.90S:0.10:121.5E:0.2, h13km, n31, c0592/23, mb4.2/10, MS3.7/5, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Lists seismic stations for the Antarctic Ridge event.

WEL 13 02:57:49.3:0.4, 40.27Sx173.43E, h176km, 3km, ML3.7/12, 1C-5D, Error ellipse: s-maj=2.7km s-min=1.7km az=90.0, Cook Strait

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Lists seismic stations for the Cook Strait event.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Lists seismic stations for the Black Hill Sta event.

ECX 13 03:16:58.8:0.4, 31.79N:115.08W, h6km, MD3.8, ML4.0 NEIC 13 03:16:58.8:1.7, 31.79N:115.07W, h6km, ML3.8(ECX), After ECX

ISC 13 03:16:57.4:1.1, 31.81N:0.02:115.10W:0.03, h3km, n11km, n34, c1970/54, 4C-6D, Baja California

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Lists seismic stations for the Baja California event.

ISCJB 13 03:42:29.7:0.4, 2.36N:0.04:96.97E:0.04, h33km, mb4.1/25, MS3.7/1, Error ellipse: s-maj=7.1km s-min=5.1km az=143.4

DJA 13 03:42:32.5:1.0, 2.3N:9.7E, h19km, 12km, M4.4/10, mb4.8/1, mb5.5/1, MLV4.2/10, Mw(MB)5.0/1

NEIC 13 03:42:33.4:0.8, 2.37N:97.20E, h55km, 6km, mb4.2/7, Error ellipse: s-maj=10.1km s-min=5.7km az=86.0

ISC 13 03:42:35.3:3.6, 2.41N:97.22E, h6km, 30km, mb3.7/19, mb1.3/2.0, mb1mx3.6/32, mbtmp4.0/20, ML4.3/1, MS3.4/2, Ms1.3/2.0, ms1mx2.8/42, Error ellipse: s-maj=32.7km s-min=14.7km az=51.0

ISC 13 03:42:31.5:0.5, 2.40N:0.04:97.10E:0.06, h33km, n50, c1912/47, mb4.1/25, Northern Honshu

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Lists seismic stations for the Northern Honshu event.

s-maj=249.9km s-min=20.5km az=66.0
 ISCJB 13 05:19:05.5:0.9,9.36N:0.08:127.0:1E:0.07,h35km,
 mb3.7/5, Error ellipse: s-maj=11.7km s-min=10.0km
 az=167.3
 ISC 13 05:19:08.5:1.3,9.28N:0.09:126.8E:0.1,h35km,n12,
 az=254/15,mb3.9/5,1C,Mindanao

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
BUTP	Butuan	1.22	255	Op	05 19 27.3	-1.8
BUTP				Pn	05 19 39.9	-4.4
MSLP	Maasin	2.10	294	eP	05 19 41.8	+0.5
BUKP	Musuan	2.22	231	eP	05 19 44.2	+1.2
BUKP				Sn	05 20 12.3	+3.1
CGP	Cagayan de Oro	2.25	249f	eP	05 19 43.2	-0.1
CGP				Ss	05 20 07.9	-1.9
DAV	Davao City (W)	2.51	209	LR	05 20 44.6	
DAV				comp=Z,167nm,20.5s,baz=338,slow=53		
TBP	Pagbiliran	2.94	278	eP	05 19 53.6	+0.9
TBP				Pn	05 20 11.1	+4.2
PAGZ	Pagadian	3.68	247	eP	05 20 04.6	+1.6
WRA	Warramunga Arr	29.97	166	P	05 25 13.2	-0.6
ASAR	Alice Springs	33.47	168	P	05 25 45.1	+0.5
ALM	0.2nm,0.5s,baz=355,slow=9.5,SNR=3.0					
MKAR	Makranchi Array	53.13	323	P	05 28 22.6	-0.3
MKAR				1.0nm,0.6s,baz=124,slow=7.7,SNR=8.2		
KURBB	Kurchatov Arra	57.19	326	P	05 28 51.6	-0.4
KURBB				1.0nm,0.6s,baz=127,slow=6.9,SNR=8.9		
BVAR	Borovoye Array	62.78	325	P	05 29 29.8	-0.6
BVAR				0.5nm,0.5s,baz=128,slow=9.6,SNR=3.6		

ISC 13 05:21:52.9:1.4,37.03N:32.91W,h0km,mb3.8/4,
 mb1.3/9.4,mb1mx3.5/50,mbtmp3.8/4,Error ellipse:
 s-maj=43.9km s-min=27.9km az=5.0,Azores Islands
 region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
TORD	Torodi Ar. Bea	39.00	118	P	05 29 21.2	0.0
TORD				1.1nm,0.8s,baz=314,slow=6.9,SNR=7.6		
FINES	FINES Array B	43.61	37	P	05 29 59.0	+0.4
FINES				1.2nm,0.8s,baz=250,slow=7.9,SNR=3.9		
AKASG	Malin Array Be	45.52	52	P	05 30 13.3	-0.6
AKASG				0.8nm,0.5s,baz=272,slow=8.3,SNR=3.2		
TXAR	Lajitas Array	58.20	285	P	05 31 51.1	-0.1
TXAR				0.7nm,0.8s,baz=90,slow=7.4,SNR=8.6		

ISCJB 13 05:23:24.0:0.3,37.04N:0.06:32.97W:0.04,h10km,
 mb4.5/83,MS3.7/7, Error ellipse: s-maj=8.8km
 s-min=4.1km az=171.9
 IDC 13 05:23:23.8:0.6,37.02N:32.96W,h0km,mb4.2/23,
 mb1.4/4.2,mb1mx4.2/49,mbtmp4.3/23,MS3.8/7,
 Ms1.3/8.7,ms1mx3.4/42, Error ellipse: s-maj=18.1km
 s-min=11.5km az=5.0
 BUJ 13 05:23:23.0:37.10N:32.90W,h6km,mb5.1/8,mb5.1/6,
 Ms4.7/5
 NEIC 13 05:23:26.1:0.2,37.07N:32.88W,h10km,mb4.7/63, Error
 ellipse: s-maj=6.5km s-min=3.8km az=182.0
 CSEM 13 05:23:26.2:0.1,37.11N:32.88W,h10km,mb4.7/63, Error
 ellipse: s-maj=7.5km s-min=4.0km az=178.0
 ISC 13 05:23:26.0:0.4,37.08N:0.07:32.90W:0.05,h10km,n386,
 az=86/390,mb4.6/83,MS3.6/7,Azores Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
H07S1	FLORES T-PHASE	2.66	30	Op	05 24 07.7	-1.2
H07S1				Pn	05 24 07.8	-1.2
H07N1	FLORES T-PHASE	2.96	28	eP	05 24 12.5	-0.6
H07N1				Pn	05 24 13.1	-0.1
ROSA	Rosais	4.04	65	eP	05 24 27.7	-0.2
ROSA				Pn	05 24 26.9	-1.1
ROSA	Rosais	4.04	65	eP	05 24 27.7	-0.2
ROSA				Pn	05 24 26.8	-1.1
ADH	Angra Heroismo	4.75	69	eP	05 24 37.0	-0.7
ADH				Pn	05 24 37.0	-0.7
PSET	Seie Cidades	5.76	80	eP	05 24 49.0	-2.5
BART	Pico Bartolome	6.25	80	eP	05 24 55.0	-2.6
PSMA	Santa Maria	6.22	88	eP	05 24 53.7	-4.2
PSMN	Pico do Norte,	6.27	88	eP	05 24 55.1	-3.5
PAB	San Pablo	22.50	75	eP	05 28 27.0	+1.2
PAB				22nm,1.3s		
PAB	San Pablo	22.50	75	eP	05 28 27.0	+1.2
PAB				22nm,1.3s		
ESDC	Sonsec Array	22.80	75	P	05 28 28.7	-0.2
ESDC				0.8nm,0.6s,baz=275,slow=8.4,SNR=4.8		
ESDC				LR	05 35 53.0	
SACV	Santiago Islan	23.52	157	eP	05 28 38.8	+2.5
SACV				148nm,1.7s		
SACV	Santiago Islan	23.52	157	eP	05 28 38.8	+2.5
SACV				148nm,1.7s		
MDT	Midatt	23.54	92	P	05 28 36.8	+0.3
MDT				2.2nm,0.9s,baz=336,slow=12,SNR=2.4		
MDT				LR	05 36 14.2	
SCHQ	Schefferville	29.13	318	LR	05 39 41.0	
SCHQ				comp=Z,547nm,21.2s,baz=102,slow=34		
DAVOX	Davos/Dischmat	32.92	59	LR	05 41 11.5	
DAVOX				comp=Z,106nm,22.0s,baz=257,slow=32		
SADO	Sadowa	35.39	297	P	05 30 20.9	-0.8
SADO				5.4nm,0.9s,baz=125,slow=7.6,SNR=2.7		
SUMG	Summit	35.69	357	eP	05 30 24.2	-0.3
SUMG				41nm,2.2s		
SUMG	Summit	35.69	357	eP	05 30 24.2	-0.3
SUMG				41nm,2.2s		
TAM	Tamanrasset	35.96	102	eP	05 30 28.1	+1.0
TAM				5.4nm,1.1s		
TAM	Tamanrasset	35.96	102	eP	05 30 28.1	+1.0
TAM				5.4nm,1.1s		
NB2	NORSAR Subarra	36.50	35	P	05 30 32.5	+1.3
NB2				comp=Z,6.8nm,0.8s,baz=250,slow=8.6		
NB2	NORSAR Subarra	36.50	35	P	05 30 32.5	+1.3
NB2				comp=Z,6.8nm,0.8s,baz=250,slow=8.6		
NOA	NORSAR Array B	36.50	35	P	05 30 31.5	+0.3
NOA				comp=Z,5.6nm,0.9s,baz=250,slow=8.6,SNR=14		
HFS	Hagfors	37.37	37	LR	05 43 02.0	
HFS				comp=Z,113nm,21.0s,baz=266,slow=32		
SDDR	Pres de Saban	38.06	252	eP	05 30 46.2	+1.3
SDDR				comp=Z,15nm,1.0s		
SDDR	Pres de Saban	38.06	252	eP	05 30 46.2	+1.3
SDDR				comp=Z,15nm,1.0s		
KMSC	Kings Mountain	38.84	282	P	05 30 50.8	-0.5
KMSC				baz=39		
TORD	Torodi Ar. Bea	39.02	119	P	05 30 52.1	-0.8
TORD				comp=Z,1.4nm,0.5s,baz=314,slow=7.2,SNR=15		
PCRV	Puerto La Cruz	39.19	235	LR	05 45 56.3	
PCRV				comp=Z,5.9nm,19.2s,baz=48,slow=35		
DBIC	Dimbokro	39.61	133	P	05 30 56.9	-0.9
DBIC				comp=Z,9.1nm,1.0s,baz=297,slow=14,SNR=3.4		
TKL	Tuckaleechee C	40.59	284	P	05 31 06.0	+0.2
TKL				comp=Z,6.2nm,1.0s,baz=311,slow=11,SNR=4.8		
EYMN	Ely	43.56	304	P	05 31 29.1	-0.9
EYMN				baz=44		
FINES	FINES Array B	43.57	37	P	05 31 29.9	+0.2
FINES				comp=Z,6.6nm,0.7s,baz=251,slow=5.8,SNR=22		
FINES	FINES Array B	43.57	37	P	05 31 30.0	+0.2
FINES				comp=Z,6.6nm,0.7s,baz=251,slow=5.8,SNR=22		
LRAL	Lakeview Retre	43.97	281	eP	05 31 33.4	0.0
LRAL				comp=Z,4.2nm,1.0s		
LRAL	Lakeview Retre	43.97	281	eP	05 31 33.4	0.0
LRAL				comp=Z,4.2nm,1.0s		
SIUC	Southern Iliin	44.15	289	eP	05 31 35.1	+0.3
SIUC				comp=Z,23nm,0.9s		
SIUC	Southern Iliin	44.15	289	eP	05 31 35.1	+0.3
SIUC				comp=Z,23nm,0.9s		
SDV	Santo Domingo	44.18	240	eP	05 31 35.7	+0.2
SDV				comp=Z,4.8nm,0.8s		
SDV	Santo Domingo	44.18	240	eP	05 31 35.7	+0.2
SDV				comp=Z,4.8nm,0.8s		
ARCES	ARCCESS Array B	44.82	25	P	05 31 39.2	-0.5
ARCES				comp=Z,4.3nm,0.9s,baz=316,slow=3.3,SNR=6.4		
SPMN	St. Paul	44.91	300	P	05 31 40.4	-0.4
SPMN				baz=45		
SPMN	St. Paul	44.91	300	eP	05 31 42.1	+1.3
SPMN				comp=Z,4.5nm,0.7s		
SPMN	St. Paul	44.91	300	eP	05 31 42.1	+1.3
SPMN				comp=Z,4.5nm,0.7s		
OXF	Oxford	45.33	284	eP	05 31 44.3	+0.1
OXF				comp=Z,44nm,1.1s		
OXF	Oxford	45.33	284	eP	05 31 44.3	+0.1
OXF				comp=Z,44nm,1.1s		
PBMO	Poplar Bluff	45.36	288	eP	05 31 45.0	+0.6

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
PBMO	Poplar Bluff	45.36	288	eP	05 31 45.0	+0.6
PBMO				comp=Z,47nm,1.5s		
KIEV	Kiev	45.48	52	eP	05 31 45.5	+0.3
KIEV				comp=Z,4.3nm,0.8s		
KIEV	Kiev	45.48	52	eP	05 31 45.5	+0.3
KIEV				comp=Z,4.3nm,0.8s		
AKASG	Malin Array Be	45.49	52	P	05 31 44.2	-1.0
AKASG				comp=Z,2.8nm,0.6s,baz=274,slow=8.0,SNR=6.3		
ULM	Lac du Bonnet	46.09	307	P	05 31 49.0	-1.0
ULM				comp=Z,3.3nm,0.8s,baz=96,slow=5.8,SNR=3.5		
AGMN	Agassiz Nation	46.40	305	P	05 31 52.0	-0.5
AGMN				baz=46,SNR=5.5		
AGMN	Agassiz Nation	46.40	305	P	05 31 52.8	+0.3
AGMN				comp=Z,6.6nm,0.7s		
AGMN	Agassiz Nation	46.40	305	eP	05 31 52.8	+0.3
AGMN				comp=Z,6.6nm,0.7s		
VBMS	Vicksburg	47.03	282	P	05 31 57.6	0.0
VBMS				baz=47		
Q37A	Longview Farm,	47.73	292	P	05 32 02.6	-0.4
Q37A				baz=48		
H33A	Prehn Over Nor	47.76	300	P	05 32 02.7	-0.5
H33A				baz=48		
A30A	Hoffart Farm,	47.87	306	P	05 32 03.6	-0.4
A30A				baz=48		
ECSD	EROS Data Cent	47.91	299	P	05 32 03.9	-0.5
ECSD				comp=Z,10.0nm,1.1s		
ECSD	EROS Data Cent	47.91	299	eP	05 32 04.1	-0.3
ECSD				comp=Z,10.0nm,1.1s		
B30A	Myra Farm, E	47.98	305	P	05 32 04.1	-0.7
B30A				baz=48		
N35A	Tabor	48.00	2			

Table with columns: ID, Name, Az, El, Dist, Az, El, Dist, Az, El, Dist, Az, El, Dist. Rows include stations like 934A Benavides, N23A Red Feather La, 230A Sterling City, etc.

Table with columns: ID, Name, Az, El, Dist, Az, El, Dist, Az, El, Dist, Az, El, Dist. Rows include stations like NEW Newport, NEW Newport, NLU North Lily Min, etc.

Table with columns: Code, Station Name, Az, El, Dist, Phase ID, Time, Res, h, m, s, ISC. Rows include stations like LZH Lanzhou, MDJ Mudanjiang, CD2 Chengdu, etc.

13d 5h

2010 AUG

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like FLORES T-PHASE, LISBON, and various local radio stations.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like Wattenberg, FRB, and various regional radio stations.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like DBIC, Dimbokro, and various international and regional radio stations.

ECSD	EROS Data Cent	48.01 299	eP	P	05 49 26.6	-0.4	A27A	Ledoux Ranch,	49.85 307	P	P	05 49 41.3	+0.2	baz=51	237A	Washetta, Mont	51.33 284	P	P	05 49 52.6	+0.2
I33A	Coleman	48.05 299	P	P	05 49 26.5	-0.9	G29A	Hoven	49.91 302	P	P	05 49 41.8	+0.2	baz=51	N30A	Huette Ranch,	51.34 296	P	P	05 49 51.4	-1.1
B30A	Myrvik Farm, E	48.08 305	P	P	05 49 27.2	-0.3	I30A	Oasma	49.92 300	P	P	05 49 41.1	-0.5	baz=51	U33A	Lingo Farm, Me	51.48 290	P	P	05 49 52.5	-0.3
N35A	Tabor	48.10 295	P	P	05 49 26.6	-1.1	139A	Bunkhouse Ranc	49.96 284	P	P	05 49 42.1	+0.1	baz=51	Q31A	Ellis	51.42 294	P	P	05 49 52.3	-0.8
P36A	Good Intent, A	48.15 293	P	P	05 49 27.2	-1.0	V36A	Jenks	49.98 289	P	P	05 49 41.6	-0.6	baz=51	C25A	Freed Ranch, W	51.46 306	P	P	05 49 53.1	-0.1
R37A	Teagarden Farm	48.28 291	P	P	05 49 28.2	-1.0	X37A	Clayton	49.98 287	P	P	05 49 42.0	-0.2	baz=51	Q30A	MW Ranch, Wils	51.51 295	P	P	05 49 52.9	-0.8
L34A	Svendsen Farm,	48.31 297	P	P	05 49 28.3	-1.1	B27A	Peters Farms,	49.99 306	P	P	05 49 42.0	-0.2	baz=51	Y35A	Marietta	51.52 287	P	P	05 49 53.7	-0.1
C30A	Mose, Pekin	48.34 305	P	P	05 49 28.4	-1.1	L31A	Butterfield Fa	50.01 298	P	P	05 49 41.5	-0.9	baz=51	H27A	Howes	51.54 301	P	P	05 49 53.6	-0.3
J32A	Davis	48.36 298	P	P	05 49 28.9	-0.8	T35A	Sooner Cattle	50.01 290	P	P	05 49 41.3	-1.1	baz=51	S32A	Newby Ranch, P	51.54 292	P	P	05 49 53.8	-0.2
H33A	Carlson Farm,	48.38 300	P	P	05 49 29.4	-0.5	N33A	Williams Farm,	50.03 294	P	P	05 49 42.6	0.0	baz=51	M29A	Burnside Ranch	51.55 297	P	P	05 49 53.1	-1.0
S37A	Fort Scott	48.46 291	P	P	05 49 29.8	-0.7	P32A	Stulken Farm,	50.05 296	P	P	05 49 41.7	-1.0	baz=51	VSR	Storzhoveyo	51.55 50	eP	P	05 49 53.5	-0.3
O35A	Humboldt	48.47 294	P	P	05 49 29.5	-1.1	340A	Bronson	50.07 283	P	P	05 49 43.1	+0.2	comp=N,7.0nm,0.8s	VSR						
I32A	Karley and Nic	48.52 300	P	P	05 49 30.2	-0.7	E28A	Huff	50.07 304	P	P	05 49 42.5	-0.2	comp=Z,9.0nm,0.8s	VSR						
Q36A	Arnold C. Orve	48.54 292	P	P	05 49 30.4	-0.7	R34A	Isabella, Hill	50.08 292	P	P	05 49 42.1	-0.9	comp=E,5.0nm,0.6s	VSR						
A29A	Manning Farm,	48.57 306	P	P	05 49 30.3	-0.9	J30A	Dallas	50.13 299	P	P	05 49 42.3	-1.0	comp=N,880nm,19.0s	VSR						
U38A	Gravette	48.57 289	P	P	05 49 30.3	-1.1	S34A	Willow Spring	50.18 291	P	P	05 49 42.9	-0.9	comp=E,720nm,19.0s	VSR						
K33A	Hardington	48.58 298	P	P	05 49 30.4	-1.0	O32A	Brockman Farm,	50.19 295	P	P	05 49 43.1	-0.7	comp=Z,860nm,19.0s	VSR						
M34A	Aspy Farms, Fr	48.59 296	P	P	05 49 30.8	-0.7	Z38A	Mt. Pleasant	50.20 285	P	P	05 49 43.9	0.0	comp=Z,9.0nm,1.6s	VSR						
MIAR	Mount Ida	48.62 286	eP	P	05 49 30.8	-1.0	H29A	Onida	50.26 301	P	P	05 49 43.6	-0.6	comp=Z,4.3nm,1.6s	VSR						
MIAR	Mount Ida	48.62 286	P	P	05 49 31.1	-0.7	Q33A	Connelly Farm,	50.28 293	P	P	05 49 43.8	-0.6	comp=Z,9.6nm,1.4s	VSR						
MIAR	Mount Ida	48.62 286	eP	P	05 49 30.8	-1.0	239A	Gary	50.28 284	P	P	05 49 44.6	+0.1	comp=Z,4.3nm,1.6s	VSR						
MIAR	Mount Ida	48.62 286	eP	P	05 49 30.8	-1.0	C27A	Saylor Ranch,	50.32 305	P	P	05 49 44.7	0.0	comp=Z,9.6nm,1.4s	VSR						
D30A	Buchanan	48.65 304	P	P	05 49 31.1	-0.8	F28A	McLaughlin	50.33 303	P	P	05 49 44.5	-0.3	comp=Z,4.3nm,1.6s	VSR						
N34A	Lincoln	48.73 295	P	P	05 49 32.0	-0.6	M31A	Lambrecht Ranc	50.36 297	P	P	05 49 43.4	-1.7	comp=Z,9.6nm,1.4s	VSR						
T37A	Cheneyville 18	48.74 290	P	P	05 49 32.0	-0.7	U35A	Pawnee	50.37 290	P	P	05 49 44.3	-0.9	comp=Z,4.3nm,1.6s	VSR						
B29A	Wagenman Farm,	48.74 306	P	P	05 49 32.0	-0.6	A26A	Wade Farm, Ken	50.38 307	P	P	05 49 45.2	+0.2	comp=Z,4.3nm,1.6s	VSR						
P35A	Duane Minner,	48.78 293	P	P	05 49 32.8	-0.1	440A	Kirbyville	50.40 282	P	P	05 49 46.5	+1.1	comp=Z,4.3nm,1.6s	VSR						
R36A	Gordon, Harris	48.78 292	P	P	05 49 32.3	-0.7	Y37A	Hugo	50.41 286	P	P	05 49 45.5	0.0	comp=Z,4.3nm,1.6s	VSR						
V38A	Canehill	48.79 288	P	P	05 49 32.2	-0.9	K30A	Basset	50.41 298	P	P	05 49 44.5	-0.9	comp=Z,4.3nm,1.6s	VSR						
E30A	Jud	48.80 303	P	P	05 49 33.3	-0.5	W36A	Wetumka	50.43 288	P	P	05 49 44.9	-0.7	comp=Z,4.3nm,1.6s	VSR						
L33A	Hoskins	48.90 297	P	P	05 49 33.0	-0.9	T34A	McClaskey Farm	50.48 291	P	P	05 49 45.2	-0.8	comp=Z,4.3nm,1.6s	VSR						
J32A	Parkston	48.97 299	P	P	05 49 33.4	-1.0	D27A	Center	50.49 304	P	P	05 49 45.6	-0.4	comp=Z,4.3nm,1.6s	VSR						
Q35A	Mercer Eighty,	49.00 293	P	P	05 49 33.7	-1.0	I29A	Vivian Onida	50.50 300	P	P	05 49 46.0	0.0	comp=Z,4.3nm,1.6s	VSR						
M33A	Taylor Creek F	49.01 296	P	P	05 49 33.5	-1.3	N31A	Bailey Ranch,	50.51 296	P	P	05 49 44.9	-1.3	comp=Z,4.3nm,1.6s	VSR						
MDND	Maddock	49.04 305	P	P	05 49 34.2	-0.7	138A	Matatal Enter	50.51 285	P	P	05 49 46.3	0.0	comp=Z,4.3nm,1.6s	VSR						
S36A	Lake Cedric, C	49.04 291	P	P	05 49 34.2	-0.9	NATX	Nacogdoches	50.53 283	P	P	05 49 46.6	+0.2	comp=Z,4.3nm,1.6s	VSR						
O34A	Beatrice	49.07 294	P	P	05 49 34.6	-0.6	G28A	Parade	50.62 302	P	P	05 49 46.0	-1.0	comp=Z,4.3nm,1.6s	VSR						
U37A	Salina	49.13 289	P	P	05 49 34.9	-0.9	R33A	Olander Ranch,	50.62 293	P	P	05 49 46.7	-0.4	comp=Z,4.3nm,1.6s	VSR						
F30A	Leola	49.14 302	P	P	05 49 35.0	-0.6	339A	Huntington	50.62 283	P	P	05 49 47.6	+0.4	comp=Z,4.3nm,1.6s	VSR						
W38A	Poteau	49.15 287	P	P	05 49 35.7	-0.2	B26A	Jensen Ranch,	50.63 306	P	P	05 49 46.9	-0.1	comp=Z,4.3nm,1.6s	VSR						
FFC	Flin Flon	49.20 314	eP	P	05 49 36.4	+0.4	P32A	Hutting Farm,	50.64 294	P	P	05 49 46.7	-0.4	comp=Z,4.3nm,1.6s	VSR						
FFC	Flin Flon	49.20 314	eP	P	05 49 36.4	+0.4	540A	Vidor	50.64 281	P	P	05 49 48.7	+1.5	comp=Z,4.3nm,1.6s	VSR						
FFC	Flin Flon	49.20 314	eP	P	05 49 36.4	+0.4	V35A	Meyer Ranch, C	50.67 289	P	P	05 49 46.9	-0.5	comp=Z,4.3nm,1.6s	VSR						
A28A	Rude Farm, Bot	49.24 306	P	P	05 49 35.6	-0.8	C26A	Wahner Farm, P	50.68 305	P	P	05 49 47.7	+0.4	comp=Z,4.3nm,1.6s	VSR						
Y39A	Lockesburg	49.24 286	P	P	05 49 35.9	-0.7	J29A	Okreek	50.69 300	P	P	05 49 46.7	-0.8	comp=Z,4.3nm,1.6s	VSR						
K32A	Verdigre	49.25 298	P	P	05 49 35.6	-1.0	E27A	Carson	50.69 304	P	P	05 49 47.8	+0.3	comp=Z,4.3nm,1.6s	VSR						
OBN	Obninsk	49.26 45	eP	P	05 49 36.5	+0.1	L30A	Spencer Herefo	50.70 298	P	P	05 49 47.3	-0.3	comp=Z,4.3nm,1.6s	VSR						
OBN	Obninsk	49.26 45	eP	P	05 49 36.5	+0.1	Z37A	Popo Cattle C	50.71 285	P	P	05 49 48.0	+0.3	comp=Z,4.3nm,1.6s	VSR						
I31A	Royce, Wessing	49.27 300	P	P	05 49 35.9	-0.7	X36A	Centrahoma	50.74 287	P	P	05 49 47.6	-0.4	comp=Z,4.3nm,1.6s	VSR						
R35A	Emporia Muncip	49.30 292	P	P	05 49 35.7	-1.2	Z38A	Jacksonville	50.79 284	P	P	05 49 48.4	+0.1	comp=Z,4.3nm,1.6s	VSR						
V37A	Hulbert	49.34 289	P	P	05 49 36.6	-0.7	H28A	Mission Ridge	50.80 301	P	P	05 49 48.0	-0.4	comp=Z,4.3nm,1.6s	VSR						
KSU1	Kansas State U	49.35 293	P	P	05 49 36.6	-0.7	Q32A	Meltzer Ranch,	50.82 294	P	P	05 49 47.6	-0.9	comp=Z,4.3nm,1.6s	VSR						
P34A	Walnut Farm, R	49.36 294	P	P	05 49 36.7	-0.8	K29A	Lazy Trails An	50.88 299	P	P	05 49 48.1	-0.8	comp=Z,4.3nm,1.6s	VSR						
E29A	Napoleon	49.37 303	P	P	05 49 37.8	+0.4	S33A	Kaszmaul Farm,	50.88 292	P	P	05 49 48.5	-0.7	comp=Z,4.3nm,1.6s	VSR						
G30A	Faulkton	49.40 301	P	P	05 49 36.9	-0.7	W35A	Teumseh	50.92 288	P	P	05 49 48.6	-0.7	comp=Z,4.3nm,1.6s	VSR						
B28A	Dugan Ranch, T	49.40 306	P	P	05 49 37.1	-0.6	M30A	Dale-Ortello V	50.94 297	P	P	05 49 48.9	-0.6	comp=Z,4.3nm,1.6s	VSR						
N33A	J Bar K, Exete	49.45 295	P	P	05 49 36.8	-1.3	Y36A	Durack	50.95 287	P	P	05 49 49.2	-0.3	comp=Z,4.3nm,1.6s	VSR						
L32A	Elgin	49.47 297	P	P	05 49 37.1	-1.1	U34A	Anderson Ranch	50.95 290	P	P	05 49 48.9	-0.6	comp=Z,4.3nm,1.6s	VSR						
T36A	Boggs Farm, Ca	49.48 290	P	P	05 49 37.4	-1.0	O31A	Woon Ranch,	50.99 295	P	P	05 49 48.7	-1.2	comp=Z,4.3nm,1.6s	VSR						

028A	Krutsinger Ran	52.77 296	P	P	05 50 01.6 -1.5
637A	Eagle Lake	52.82 281	P	P	05 50 04.3 +0.8
134A	White-Moore Ra	52.85 286	P	P	05 50 03.8 0.0
I25A	Rochford	52.86 301	P	P	05 50 03.5 -0.4
335A	Moody	52.88 284	P	P	05 50 04.2 +0.2
PRGR	Permogore	52.89 36	eP	Pmax	05 50 01.8 -1.8
PRGR	Permogore	52.89 36	eP	Pmax	comp=Z,38nm,1.9s
K26A	Motz Farm, Whi	52.90 299	P	P	05 50 03.9 -0.1
R29A	Marienthal	52.90 294	P	P	05 50 04.2 0.0
G24A	Alzada	52.91 303	P	P	05 50 03.4 -0.7
V31A	Spring Creek L	52.93 290	P	P	05 50 04.8 +0.4
P28A	Saint Francis	52.94 295	P	P	05 50 03.7 -0.8
T30A	Plains	52.96 292	P	P	05 50 04.7 +0.2
X32A	Elmer	53.03 288	P	P	05 50 04.8 -0.3
L26A	Underwood Farm	53.05 299	P	P	05 50 05.2 0.0
N27A	Anderson Farm,	53.08 297	P	P	05 50 05.3 -0.2
VRHR	Novokhopersk	53.08 49	eP	Pmax	05 50 04.9 -0.2
VRHR	Novokhopersk	53.08 49	eP	Pmax	comp=N,10.0nm,0.5s
VRHR	Novokhopersk	53.08 49	eP	Pmax	comp=E,5.0nm,0.5s
VRHR	Novokhopersk	53.08 49	eP	Pmax	comp=Z,10.0nm,0.5s
VRHR	Novokhopersk	53.08 49	eP	Pmax	comp=N,280nm,19.0s
VRHR	Novokhopersk	53.08 49	eP	Pmax	comp=E,2um,19.0s
VRHR	Novokhopersk	53.08 49	eP	Pmax	comp=Z,1um,19.0s
Z33A	Whitaker Ranch	53.09 287	P	P	05 50 04.9 -0.2
J25A	Sunshine Ranch	53.10 300	P	P	05 50 05.8 +0.2
S36A	Bastrop	53.11 283	P	P	05 50 05.9 +0.2
234A	Clairette	53.13 285	P	P	05 50 05.7 -0.1
Q28A	Sharon Springs	53.18 295	P	P	05 50 05.8 -0.4
S29A	Ulysses	53.18 293	P	P	05 50 06.5 +0.3
H24A	Dirks Ranch, A	53.19 302	P	P	05 50 05.6 -0.6
737A	Port Lavaca	53.20 281	P	P	05 50 06.9 +0.6
435B	Jarell	53.22 284	P	P	05 50 06.6 +0.2
W31A	Holland Ranch,	53.23 290	P	P	05 50 06.4 -0.2
U30A	WK&E Inc. Balk	53.24 291	P	P	05 50 06.6 -0.1
O27A	Beecher Island	53.25 296	P	P	05 50 05.7 -1.0
M26A	McRoberts Ranc	53.28 298	P	P	05 50 06.9 -0.1
Y32A	R-V Farms, Ver	53.32 288	P	P	05 50 06.9 -0.3
636A	Smothers Creek	53.37 282	P	P	05 50 09.1 +1.6
K25A	Mack Ranch, Ha	53.41 300	P	P	05 50 08.2 +0.3
R28A	Tribune	53.43 294	P	P	05 50 07.5 -0.5
X31A	McDonald Ranch	53.48 289	P	P	05 50 08.3 0.0
133A	Hamilton Ranch	53.48 286	P	P	05 50 07.9 -0.5
T29A	Hugoton	53.49 292	P	P	05 50 08.4 -0.1
334A	Lometa	53.49 284	P	P	05 50 08.5 0.0
I24A	Kuemmerle Ranc	53.52 301	P	P	05 50 08.4 -0.3
535A	Dale	53.53 283	P	P	05 50 08.4 -0.3
P27A	Ficken Ranch,	53.55 296	P	P	05 50 08.1 -0.8
N26A	Koester Ranch,	53.56 297	P	P	05 50 08.7 -0.3
V30A	Spur Ranch, Mi	53.57 291	P	P	05 50 08.8 -0.2
736A	Circle Diamond	53.60 281	P	P	05 50 11.3 +1.9
G23A	Biddle	53.61 303	P	P	05 50 08.8 -0.5
Z32A	Haskell	53.62 287	P	P	05 50 08.8 -0.6
L25A	Engelberts Ra	53.63 299	P	P	05 50 09.7 +0.2
LAO	LASA Array	53.70 305	P	P	05 50 09.4 -0.5
W30A	Crocket Farms	53.71 290	P	P	05 50 09.7 -0.5
233A	Rising Star	53.71 286	P	P	05 50 10.0 -0.2
J24A	Dixon Ranch, L	53.72 301	P	P	05 50 09.8 -0.3
434A	Burnet	53.73 284	P	P	05 50 10.1 -0.3
U29A	Oasis Ranch, S	53.73 292	P	P	05 50 10.3 0.0
S28A	Manter	53.77 293	P	P	05 50 10.4 -0.1
KSC0	Kaye Shedlock'	53.78 295	eP	P	05 50 10.7 +0.1
KSC0	Kaye Shedlock'	53.78 295	eP	P	05 50 10.4 -0.3
KSC0	Kaye Shedlock'	53.78 295	eP	P	comp=Z,52nm,1.3s
H23A	Clabaugh Catti	53.82 302	P	P	05 50 10.8 0.0
O26A	Horse Wrangler	53.83 297	P	P	05 50 10.7 -0.3
SAML	Samuel	53.87 218	eP	P	05 50 10.2 -1.1
SAML	Samuel	53.87 218	eP	P	comp=Z,32nm,1.8s
M25A	Palm-Egill Farm	53.94 298	P	P	05 50 11.8 0.0
Y31A	Rekieta Farm,	53.96 288	P	P	05 50 11.4 -0.5
635A	Leesville	53.97 282	P	P	05 50 11.8 -0.2
K24A	Anderson Ranch	54.03 300	P	P	05 50 12.0 -0.5
ABTX	Ablene, Hawle	54.03 287	P	P	05 50 11.9 -0.5
ABTX	Ablene, Hawle	54.03 287	eP	P	comp=Z,55nm,1.5s
ABTX	Ablene, Hawle	54.03 287	eP	P	comp=Z,55nm,1.5s
I23A	Meade Ranch, G	54.06 302	P	P	05 50 12.7 +0.1
333A	Richland Sprin	54.07 285	P	P	05 50 12.0 -0.8
SOC	Sochi	54.09 59c	iP	P	05 50 13.3 +0.6
SOC	Sochi	54.09 59c	iP	P	05 52 12.2
SOC	Sochi	54.09 59c	iP	P	05 53 33.4
SOC	Sochi	54.09 59c	iP	P	05 57 51.5 +2.4
SOC	Sochi	54.09 59c	iP	P	06 03 27.8
SOC	Sochi	54.09 59c	iP	P	comp=Z,11nm,0.5s
SOC	Sochi	54.09 59c	iP	P	comp=Z,210nm,16.0s
SOC	Sochi	54.09 59c	iP	P	comp=Z,11nm,0.5s
T28A	Walsh	54.10 293	P	P	05 50 12.4 -0.7
Z31A	Sharp Cattle R	54.13 288	P	P	05 50 12.5 -0.7

V29A	Stinnet	54.15 291	P	P	05 50 13.7 +0.4
R27A	Eads	54.17 294	P	P	05 50 13.0 -0.5
X30A	Coker Ranch, T	54.23 289	P	P	05 50 13.7 -0.2
735A	Kenedy	54.23 282	P	P	05 50 15.0 +1.1
534A	Blanco	54.23 283	P	P	05 50 13.4 -0.6
YKA	Yellowknife Ar	54.27 326	P	P	05 50 12.3 -1.4
YKA	Yellowknife Ar	54.27 326	P	P	comp=Z,5.2nm,0.8s,baz=75,slow=7.4,SNR=7.2
BDFB	Brasilia	54.30 198	P	P	05 50 13.2 -1.4
BDFB	Brasilia	54.30 198	P	P	comp=Z,3.5nm,0.8s,baz=358,slow=9.5,SNR=4.8
J23A	Dilts Ranch, B	54.30 301	P	P	05 50 15.1 +0.7
232A	Coleman	54.34 286	P	P	05 50 14.4 -0.4
433A	Art	54.40 284	P	P	05 50 14.2 -1.0
634A	China Grove, S	54.42 282	P	P	05 50 15.2 -0.1
H22A	Clearmont	54.45 303	P	P	05 50 15.4 0.0
Q26A	Hugo	54.46 295	P	P	05 50 15.8 +0.1
S27A	Las Animas	54.47 294	P	P	05 50 15.8 0.0
U28A	Mallet	54.47 292	P	P	05 50 15.8 +0.1
Y30A	Stafford Catti	54.47 288	P	P	05 50 15.4 -0.3
835A	Beeville	54.50 281	P	P	05 50 16.1 +0.2
W29A	Amrillo	54.54 300	P	P	05 50 16.2 0.0
K23A	Bowen Ranch, D	54.58 300	P	P	05 50 15.9 -0.6
T27A	Campo	54.58 293	P	P	05 50 16.4 -0.1
131A	Roby	54.58 287	P	P	05 50 16.0 -0.6
332A	Millersview	54.63 285	P	P	05 50 16.0 -0.9
R26A	Artling	54.64 294	P	P	05 50 16.7 -0.2
533A	Kerrville	54.65 283	P	P	05 50 16.6 -0.4
AMTX	Amarillo	54.66 290	P	P	05 50 17.0 -0.1
AMTX	Amarillo	54.66 290	eP	P	comp=Z,93nm,1.4s
AMTX	Amarillo	54.66 290	eP	P	comp=Z,93nm,1.4s
V28A	Channing	54.72 291	P	P	05 50 17.6 +0.1
I22A	9 Mile Ranch,	54.77 302	P	P	05 50 17.9 +0.1
734A	La Parita Cree	54.82 282	P	P	05 50 18.0 -0.2
231A	Bronte	54.84 286	P	P	05 50 18.1 -0.3
X29A	Tull	54.85 289	P	P	05 50 18.9 +0.4
432A	Menard	54.89 285	P	P	05 50 18.6 -0.2
Z30A	Sanerion Ranch	54.89 288	P	P	05 50 18.1 -0.7
U27A	Thompson Grove	54.90 292	P	P	05 50 18.4 -0.4
H21A	Big Horn, Sher	54.90 303	P	P	05 50 18.6 -0.2
W28A	Vega	54.90 291	P	P	05 50 18.7 -0.2
S26A	Kim	54.91 294	P	P	05 50 18.4 -0.6
MMAI	Mount Meron Ar	54.92 72	P	P	comp=Z,0.8nm,0.3s,baz=294,slow=3.9,SNR=6.0
J22A	Midwest	54.94 301	P	P	05 50 18.5 -0.6
633A	Safford Ranch	55.03 283	P	P	05 50 19.7 -0.1
130A	Snyder	55.06 287	P	P	05 50 19.9 -0.1
Y29A	Porterfield Fa	55.07 289	P	P	05 50 19.9 -0.1
JCT	Junction City	55.07 284	eP	Pmax	05 50 20.0 -0.1
JCT	Junction City	55.07 284	eP	Pmax	comp=Z,47nm,1.3s
JCT	Junction City	55.07 284	eP	Pmax	comp=Z,47nm,1.3s
JCT	Junction City	55.07 284	eP	Pmax	comp=Z,47nm,1.3s
JCT	Junction City	55.07 284	eP	Pmax	comp=Z,47nm,1.3s
834A	Tilden	55.14 281	P	P	05 50 20.5 -0.1
V27A	Dan Oppiter Fa	55.17 291	P	P	05 50 21.2 +0.3
T26A	Comanche Natio	55.17 293	P	P	05 50 21.3 +0.3
331A	San Angelo	55.19 285	P	P	05 50 21.3 +0.3
X28A	Dimmitt	55.20 290	P	P	05 50 21.2 +0.2
K22A	Casper	55.23 300	P	P	05 50 21.1 -0.1
K22A	Casper	55.23 300	eP	P	comp=Z,57nm,1.6s
K22A	Casper	55.23 300	eP	P	comp=Z,57nm,1.6s
F20A	Billings	55.25 305	P	P	05 50 21.1 -0.1
532A	Rocksprings	55.30 284	P	P	05 50 21.8 +0.1
035A	Encino	55.34 280	P	P	05 50 22.5 +0.6
Z29A	Hungry Hill Ra	55.34 288	P	P	05 50 22.1 0.0
I21A	Big Trails, Te	55.35 302	P	P	05 50 21.9 -0.1
934A	Benavides	55.36 281	P	P	05 50 22.6 +0.5
733A	Divot King Ran	55.46 282	P	P	05 50 22.5 -0.3
N23A	Red Feather La	55.46 298	P	P	05 50 22.9 -0.1
230A	Sterling City	55.47 286	P	P	05 50 22.6 -0.3
Y28A	McKinney Farm,	55.48 289	P	P	05 50 22.3 -0.8
632A	Uvalde	55.49 283	P	P	05 50 22.7 -0.4
035Z	Hargill	55.53 279	P	P	05 50 23.7 +0.4
EGMT	Eagleton	55.55 308	P	P	05 50 22.9 -0.5
H20A	Grenbull	55.59 303	P	P	05 50 23.3 -0.4
431A	Mesa Verde	55.60 285	P	P	05 50 23.6 -0.3
Q24A	Divide	55.62 296	P	P	05 50 24.1 -0.2
J21A	Lysite	55.62 302	P	P	05 50 24.0 0.0
ISCO	Idaho Springs	55.63 297	eP	Pmax	05 50 25.2 +0.8
ISCO	Idaho Springs	55.63 297	eP	Pmax	comp=Z,79nm,2.1s
ISCO	Idaho Springs	55.63 297	eP	Pmax	comp=Z,79nm,2.1s
ISCO	Idaho Springs	55.63 297	eP	Pmax	comp=Z,79nm,2.1s
833A	Chaparral WMA,	55.71 282	P	P	05 50 24.4 -0.3
330A	Mertzon	55.73 286	P	P	05 50 24.5 -0.3
129A	Stewart Farms,	55.73 288	P	P	05 50 24.6 -0.2
034A	Hebronville	55.74 280	P	P	05 50 24.9 +0.1
531A	Rocksprings	55.78 284	P	P	05 50 24.9 -0.3

T25A	Trinidad	55.79 294	P	P	05 50 25.9 +0.6
OTAV	Otavallo	55.80 240	eP	P	05 50 25.6 -0.3
OTAV	Otavallo	55.80 240	eP	P	comp=Z,79nm,1.7s
GOF	Gofitskoye	55.84 56	eP	Pmax	05 50 26.3 +1.0
GOF	Gofitskoye	55.84 56	eP	Pmax	comp=Z,20nm,1.3s
Z28A	Tucker Farm, M	55.85 288	P	P	05 50 25.2 -0.5
MSX	Muleshoe	55.85 289	P	P	05 50 25.1 -0.7
MSX	Muleshoe	55.85 289	eP	P	comp=Z,74nm,1.5s
MSX	Muleshoe	55.85 289	eP	P	comp=Z,74nm,1.5s
I20A	Worland	55.87 302	P	P	05 50 25.5 -0.2
933A	Laredo	55.95 281	P	P	05 50 26.8 +0.4
229A	Bryant Ranch,	55.97 287	P	P	05 50 26.7 +0.2
732A	Laxson Ranch,	55.98 282	P	P	05 50 26.5 -0.1
KIV	Kislovodsk	55.98 58	iP	Pmax	05 50 28.3 +1.8
KIV	Kislovodsk	55.98 58	iP	Pmax	comp=Z,3.0nm,0.9s
CHVG	Ch'k valeri	56.02 59	P	P	05 50 29.5 +2.9
430A	Baggett Ranch,	56.04 285	P	P	05 50 26.8 -0.3
J20A	Shoshoni	56.05 302	P	P	05 50 26.6 -0.5
EDM	Edmonton	56.08 314	eP	Pmax	05 50 26.7 -0.3
EDM	Edmonton	56.08 314	eP	Pmax	comp=

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HHC Hu-ho-hao-te, HHC comp=N,16nm,0.7s, HHC comp=N,91nm,5.4s, etc.

CSEM 13 05:45:37.2-0.7, 37.25N:28.38E, h1km, MD2.4, Error ellipse: s-maj=13.9km s-min=8.0km az=43.0, Mining explosion.

ISCJB 13 05:45:38.0-0.9, 37.26N:0.04-28.26E:0.06, h0km, Error ellipse: s-maj=7.7km s-min=4.4km az=136.7

IDA 13 05:45:38.4, 37.05N:28.23E, h12km, MD2.4

ISC 13 05:45:39.1, 37.24N:28.23E, h7km, MD2.6

ISC 13 05:45:37.5-1.1, 37.26N:0.04-28.38E:0.05, h0km, m12, @120/22, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YER Yerkesik, TURN Turunc, DALY Dalyan (Mu'la), etc.

NIED 13 05:49:00, 41.00N:135.20E, h460km, Mw4.2 Best double couple: M2.05000: 1015 NP1.072.00000, 8.44.00000, 1.178.00000, NP2.0.164.00000, 8.88.00000, 1.46.00000

BUI 13 05:49:13.3, 40.91N:135.25E, h412km, mb4.4/25, mb4.4/16

ISCJB 13 05:49:16.5-0.2, 41.15N:0.03-134.69E:0.03, h400km, mb4.2/70, Error ellipse: s-maj=4.3km s-min=3.1km az=3.0

JMA 13 05:49:17.4-0.2, 41.05N:135.17E, h463km, M3.6

NEIC 13 05:49:18.4-0.5, 40.99N:134.77E, h412km, mb4.3/52, Error ellipse: s-maj=7.6km s-min=5.6km az=140.0

IDC 13 05:49:18.1-0.8, 41.03N:134.68E, h420km, mb3.4/18,

mb1 3.6/24, mb1mx3.4/58, mb1mp4.2/24, Error ellipse: s-maj=12.2km s-min=10.5km az=75.0

ISC 13 05:49:17.3-0.4, 41.09N:0.05-134.84E:0.04, h400km, n131, @147/154, mb4.2/71, 1C, Sea of Japan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like USRK Ussuriysk Ar., USRK baz=148, slow=16, SNR=5.7, JSD Sado, etc.

AMKA Amchitka 31.98 56 eP P 05 55 09.3 +1.4

WMQ Urumqi 34.53 291 P P 05 55 30.6 +0.7

WMQ 8.0nm,0.8s PMZ

DAV Davao City (W) 34.86 196 eP P 05 55 29.7 -3.3

MKAR Makanchi Array 37.67 297 P P 05 55 53.5 -2.7

TAPN Taplejung 40.83 266 eP P 05 56 21.3 -1.1

ODAN Odare 41.33 265 eP P 05 56 24.7 -1.7

RAMN Ramite 41.88 266 eP P 05 56 29.2 -1.6

GUN Gumba 41.92 268 eP P 05 56 30.3 -0.9

KKN Kakani 42.43 268 eP P 05 56 34.6 -0.1

PKIN Pulchoki 42.46 267 eP P 05 56 34.9 -0.5

DMN Damnan 42.66 268 eP P 05 56 36.2 -0.8

GKN Gorkha 42.81 269 eP P 05 56 37.0 -1.1

DANN Dangsing 43.29 270 eP P 05 56 41.5 -0.5

KOLN Koldanda 43.71 269 eP P 05 56 44.2 -1.0

SDPT Sand Point 43.78 48 eP P 05 56 44.4 -0.7

TRF Thorofare Moun 47.66 36 eP P 05 57 16.3 +1.1

BWN Browne 47.91 35 eP P 05 57 18.9 +2.1

MCK McKimley 48.21 35 eP P 05 57 19.9 +0.8

RC01 Rabbit Creek A 48.35 39 eP P 05 57 20.4 +0.2

COLA College 48.48 34 eP P 05 57 22.4 +1.4

PMR Palmer 48.53 38 eP P 05 57 22.2 +0.8

CCB Clear Creek Bu 48.54 34 eP P 05 57 22.1 +0.6

SEW Seward 48.70 40 eP P 05 57 23.8 +1.1

SML Sawmill 48.86 38 eP P 05 57 25.3 +1.3

ILAR Eielson Array 48.90 34 P P 05 57 24.2 0.0

HDA Harding Lake 48.95 34 eP P 05 57 24.6 +0.1

FYU Fort Yukon 49.24 31 eP P 05 57 28.5 +1.8

SCM Sheep Creek Mo 49.32 38 eP P 05 57 28.5 +1.0

KLU Klutina 50.05 38 eP P 05 57 33.9 +0.9

MENT Mentasta 50.06 38 eP P 05 57 39.1 +1.6

BMRM Bremner River 50.80 38 eP P 05 57 39.1 +0.7

RAGM Raggio Moutai 50.93 39 eP P 05 57 41.3 +1.9

EGAK Eagle 51.29 33 eP P 05 57 42.4 +0.5

ABKAR Akbulak array 51.42 306 eP P 05 57 41.9 -1.2

DAWY Dawson 52.23 34 eP P 05 57 49.9 +1.1

INK Inuvik 53.15 28 eP P 05 57 55.5 +0.3

INK Inuvik 53.15 28 eP P 05 57 55.6 +0.7

HYT Haines Junctio 54.14 37 eP P 05 58 04.5 +1.8

SPES Spitsbergen Ar 55.51 347 P P 05 58 11.3 -0.6

ARCES ACCESS Array B 58.34 337 P P 05 58 30.9 -0.8

WRAB Tennant Creek 60.71 181 eP P 05 58 47.3 -0.9

WRA Warramunga Arr 60.72 181 P P 05 58 47.1 -1.2

FINES FINES Array B 62.78 329 P P 05 59 00.3 -1.1

YKA Yellowknife Ar 62.83 29 P P 05 59 01.5 -0.1

MBWA Marble Bar 63.50 196 eP P 05 59 05.6 -0.9

SUMG Summit 66.54 358 eP P 05 59 25.8 +0.1

PGC Sidney 67.15 45 eP P 05 59 30.0 +0.6

AKAS Malin Array Be 67.92 319 P P 05 59 32.5 -1.6

NORS NORASR Subarra 68.40 334 P P 05 59 35.6 -1.3

NOA NORASR Array B 68.40 334 P P 05 59 35.7 -1.2

KONO Kongsberg 69.97 334 eP P 05 59 45.8 -0.6

NEW Newport 70.69 42 eP P 05 59 52.0 +1.0

WALA Water Lakes 71.77 40 eP P 05 59 58.0 +0.5

KOSA Summer Lake 72.22 49 eP P 06 00 01.3 +1.0

BRTR Keskin Array B 72.33 307 P P 06 00 59.6 -1.3

FFC Flin Flon 72.95 31 eP P 06 00 04.1 +0.1

MGF Magellan 74.48 39 eP P 06 00 13.6 +0.5

EMID Eagleson 74.58 46 eP P 06 00 14.6 +0.8

DLMT Dillon 74.94 42 eP P 06 00 16.5 +0.6

HLID Hailey 75.23 45 eP P 06 00 19.1 +1.5

KMC Columbia Cole 75.56 52 eP P 06 00 19.9 +0.6

CHB Casperke Hory 76.35 325 eP P 06 00 23.5 0.0

GERES GERES Array B 76.51 324 P P 06 00 22.9 -1.6

NVAR Mina Array Bea 76.52 51 P P 06 00 25.1 +0.1

IMW Indian Meadow 76.81 43 eP P 06 00 28.3 +1.8

FXWY Fox Creek 76.95 43 eP P 06 00 28.7 +1.5

TPNH Tonopah 77.39 50 eP P 06 00 30.4 +0.7

WHUT Hardware Ranch 78.10 45 eP P 06 00 33.8 +0.3

DUG Dugway 78.42 46 eP P 06 00 35.6 +0.5

TCUT Toone Canyon 78.53 45 eP P 06 00 37.0 +1.1

TPNV Topopah Spring 78.72 51 eP P 06 00 36.9 0.0

ULM Lac du Bonnet 78.78 30 P P 06 00 35.4 -1.3

DAVA Damuels 79.36 325 II P P 06 00 38.7 -1.4

FUORN Oltenpass-Fuorn 79.71 325 eP P 06 00 42.1 0.0

O20A White River Ci 80.91 44 eP P 06 00 48.5 0.0

PV10 Paradox Valley 81.77 45 eP P 06 00 53.9 +0.9

SMCO Snowmass 82.28 44 eP P 06 00 56.2 +0.4

SCHO Schefferville 82.67 12 P P 06 00 55.6 -1.4

SCHO Schefferville 82.67 12 eP P 06 00 56.6 -0.4

SDCO Great Sand Dun 84.11 44 eP P 06 01 05.3 +0.4

TXAR Lajitas Array 91.48 48 P P 06 01 39.1 -0.6

SAML Samuel 144.23 32 ePKP P P 06 08 05.1 -0.9

LPAZ La Paz 148.31 46 ePKP P P 06 08 17.0 +2.7

ISCJB 13 05:52:03.6-0.6, 37.0N:0.1-33.05W:0.08, h10km, mb4.1/31, MS3.8/3, Error ellipse: s-maj=15.1km s-min=8.6km az=160.8

IDC 13 05:52:03.8-0.9, 36.87N:33.01W, h0km, mb3.8/11, mb4.1/11, mb1mx3.8/42, mb1mp3.8/11, MS3.9/3, Ms1.3.9/3, ms1mx3.3/43, Error ellipse: s-maj=27.6km s-min=17.0km az=167.0

NEIC 13 05:52:05.3-0.4, 36.94N:33.06W, h10km, mb4.5/20, Error ellipse: s-maj=12.5km s-min=7.2km az=176.0

ISC 13 05:52:05.4-0.8, 37.1N:0.1-33.00W:0.10, h10km, n36, L2.2m, 0.3s, baz=251, slow=9.0, SNR=4.4

Code Station Name Az Az' Phase ID Time Res ISC

H07S1 FLORES T-PHASE 2.72 31 Pn Pn 05 52 46.9 -2.2

H07N1 FLORES T-PHASE 3.02 29 Pn Pn 05 52 51.5 -1.8

ESDC Sonsea Array 22.87 74 P P 05 57 09.0 0.0

EKA Eskdalemuir Ar 27.27 38 P P 05 57 51.2 +1.6

SCHO Schefferville 29.10 319 LR LR 06 08 49.4

NOA NORASR Array B 36.57 35 P P 05 59 12.0 +0.8

ACSO Alan Creek Sta 38.76 291 eP P 05 59 30.0 +0.1

TORC Torodi Ar. Bea 39.07 118 P P 05 59 32.6 -0.1

DBD Dimbokre 39.65 133 LR LR 06 14 10.1

TKL Tuckaleechee C 40.52 284 P P 05 57 14.4 -0.2

SPMN	St. Paul	44.88 300	eP	P	06 24 43.2 +0.1
SPMN	St. Paul	44.88 300	eP	P	06 24 43.2 +0.1
OXF	Oxford	45.31 284	eP	P	06 24 46.5 -0.1
OXF	Oxford	45.31 284	eP	P	06 24 46.5 -0.1
PBMO	Poplar Bluff	45.34 288	eP	P	06 24 46.5 -0.3
PBMO	Poplar Bluff	45.34 288	eP	P	06 24 46.5 -0.3
KIEV	Kiev	45.46 522	iP	Pmax	06 24 47.5 0.0
KIEV	Kiev	45.46 52	eP	P	06 24 47.7 +0.2
KIEV	Kiev	45.46 52	eP	P	06 24 47.6 +0.2
AKASG	Malin Array Be	45.47 52	P	P	06 24 47.6 +0.1
ULM	Lac du Bonnet	46.05 307	eP	P	06 24 51.2 -1.0
ULM	Lac du Bonnet	46.05 307	eP	Pmax	06 24 51.6 -0.6
ULM	Lac du Bonnet	46.05 307	eP	P	06 24 51.6 -0.6
ULM	Lac du Bonnet	46.05 307	eP	P	06 24 51.5 -0.6
AGMN	Agassiz Nation	46.37 305	P	P	06 24 54.5 -0.3
AGMN	Agassiz Nation	46.37 305	eP	P	06 24 54.7 0.0
AGMN	Agassiz Nation	46.37 305	eP	P	06 24 54.7 0.0
VBMS	Vicksburg	47.01 282	P	P	06 25 00.3 +0.3
H34A	Spellman Lake,	47.07 300	P	P	06 24 60.0 -0.3
K35A	Storm Lake	47.17 297	P	P	06 25 00.8 -0.3
UALR	University of	47.48 286	eP	P	06 25 03.0 -0.6
UALR	University of	47.48 286	eP	P	06 25 03.0 -0.6
J34A	George	47.54 298	P	P	06 25 02.8 -1.2
O36A	Bolckow	47.70 294	P	P	06 25 04.6 -0.7
Q37A	Longview Farm,	47.70 292	P	P	06 25 04.8 -0.6
H33A	Prehn Over Nor	47.73 300	P	P	06 25 05.2 -0.3
K34A	Le Mars	47.79 297	P	P	06 25 05.3 -0.7
A30A	Hoffart Farm,	47.83 306	P	P	06 25 05.9 -0.3
ECSD	EROS Data Cent	47.88 299	P	P	06 25 07.5 -1.0
ECSD	EROS Data Cent	47.88 299	eP	P	06 25 06.3 -0.4
ECSD	EROS Data Cent	47.88 299	eP	P	06 25 06.3 -0.4
B30A	Myrvik Farm, E	47.95 305	P	P	06 25 06.8 -0.3
R37A	Teagarden Farm	48.16 291	P	P	06 25 07.8 -1.1
L34A	Svendsen Farm,	48.19 296	P	P	06 25 08.2 -0.8
J33A	Davis	48.24 298	P	P	06 25 08.8 -0.6
H32A	Carlson Farm,	48.26 300	P	P	06 25 09.2 -0.3
S37A	Fort Scott	48.34 291	P	P	06 25 09.5 -0.8
O35A	Humboldt	48.35 294	P	P	06 25 09.5 -0.8
I32A	Karley and Nic	48.40 299	P	P	06 25 09.8 -0.8
Q36A	Arnold C. Orve	48.42 292	P	P	06 25 10.0 -0.9
A29A	Manning Farm,	48.44 306	P	P	06 25 10.2 -0.7
U38A	Gravette	48.46 289	P	P	06 25 10.5 -0.7
M34A	Aspy Farms, Fr	48.47 296	P	P	06 25 10.3 -1.0
MIAR	Mount Ida	48.51 286	eP	Pmax	06 25 11.4 -0.2
MIAR	Mount Ida	48.51 286	eP	P	06 25 10.5 -1.1
MIAR	Mount Ida	48.51 286	eP	P	06 25 11.4 -0.2
MIAR	Mount Ida	48.51 286	eP	P	06 25 11.4 -0.2
D30A	Buchanan	48.52 304	P	P	06 25 10.6 -0.9
N34A	Lincoln	48.61 295	P	P	06 25 11.3 -1.0
B29A	Wagenman Farm,	48.61 306	P	P	06 25 12.1 -0.2
T37A	Cheneyville 18	48.62 290	P	P	06 25 11.5 -0.9
R36A	Gordon, Harris	48.66 292	P	P	06 25 12.0 -0.7
V38A	Canehill	48.67 288	P	P	06 25 12.0 -0.8
Q35A	Mercer Eighty,	48.88 292	P	P	06 25 13.6 -0.8
M33A	Taylor Creek F	48.89 296	P	P	06 25 13.6 -0.9
S36A	Lake Cedric, C	48.93 291	P	P	06 25 13.0 -1.8
O34A	Beatrice	48.95 294	P	P	06 25 14.1 -0.8
U37A	Salina	49.02 289	P	P	06 25 14.2 -1.3
W38A	Poteau	49.04 287	P	P	06 25 14.8 -0.9
K32A	Verdigre	49.13 298	P	P	06 25 15.2 -1.1
Y39A	Lockesburg	49.14 286	P	P	06 25 15.5 -0.9
V37A	Hulbert	49.22 288	P	P	06 25 16.0 -1.1
P34A	Walnut Farm, R	49.24 294	P	P	06 25 16.4 -0.8
OBN	Obninsk	49.24 45	iP	P	06 25 16.8 -0.1
OBN	Obninsk	49.24 45	iP	Pmax	06 25 30.5
OBN	Obninsk	49.24 45	iP	P	06 25 16.8 -0.1
G30A	Faulkton	49.27 301	P	P	06 25 16.9 -0.5
B28A	Dugan Ranch, T	49.27 306	P	P	06 25 17.7 -0.5
T36A	Boggs Farm, Ca	49.37 290	P	P	06 25 17.2 -0.9
X38A	Whitesboro	49.43 287	P	P	06 25 18.1 -0.6
C28A	Hausauer Farms	49.46 305	P	P	06 25 18.3 -0.4
S35A	Otter Creek Ra	49.48 291	P	P	06 25 18.0 -1.1
J31A	Geddes	49.49 299	P	P	06 25 18.2 -0.8
BGNE	Belgrade	49.62 296	P	P	06 25 19.4 -0.7
BGNE	Belgrade	49.62 296	eP	P	06 25 19.6 -0.5
BGNE	Belgrade	49.62 296	eP	P	06 25 19.6 -0.5
O33A	Hebron	49.63 294	P	P	06 25 19.3 -0.9
TUL1	Tulsa	49.71 289	P	P	06 25 19.7 -1.0
TUL1	Tulsa	49.71 289	eP	P	06 25 19.8 -1.0
TUL1	Tulsa	49.71 289	eP	P	06 25 19.8 -1.0
W37A	Quinton	49.71 288	P	P	06 25 20.2 -0.6
G29A	Hoven	49.78 302	P	P	06 25 20.5 -0.7
I30A	Oacoma	49.79 300	P	P	06 25 21.0 -0.4

B27A	Peters Farms,	49.87 306	P	P	06 25 21.4 -0.4
V36A	Jenks	49.87 289	P	P	06 25 20.8 -1.2
X37A	Clayton	49.87 287	P	P	06 25 21.4 -0.7
L31A	Butterfield Fa	49.88 297	P	P	06 25 21.2 -0.9
T35A	Sooner Cattle	49.89 290	P	P	06 25 20.6 -1.6
340A	Bronson	49.97 282	P	P	06 25 22.2 -0.6
J30A	Dallas	50.01 299	P	P	06 25 22.2 -0.7
U35A	Pawnee	50.25 290	P	P	06 25 23.5 -1.4
Y37A	Hugo	50.30 286	P	P	06 25 24.0 -1.3
W36A	Wetumka	50.32 288	P	P	06 25 24.6 -0.8
T34A	McClaskey Farm	50.36 291	P	P	06 25 24.9 -0.8
I29A	Vivian Onida	50.37 300	P	P	06 25 24.1 -1.6
L30A	Spencer Herefo	50.58 297	P	P	06 25 26.3 -1.0
Z37A	Pogue Cattle C	50.60 285	P	P	06 25 26.9 -0.7
X36A	Centrahoma	50.63 287	P	P	06 25 27.1 -0.7
Q32A	Meitler Ranch,	50.70 293	P	P	06 25 27.3 -1.0
W35A	Tecumseh	50.81 288	P	P	06 25 28.3 -0.8
U34A	Anderson Ranch	50.83 290	P	P	06 25 28.7 -0.6
Y36A	Durant	50.83 286	P	P	06 25 28.8 -0.5
A25A	Svangstu Ranch	50.93 307	P	P	06 25 28.3 -1.6
I28A	Milford	50.97 300	P	P	06 25 29.7 -0.6
R32A	Long Quarter,	51.00 293	P	P	06 25 29.8 -0.8
V34A	Guthrie	51.04 298	P	P	06 25 30.2 -0.7
G27A	Dupree	51.10 302	P	P	06 25 30.3 -0.9
BRTR	Keskin Array B	51.11 65	P	P	06 25 31.1 -0.4
P31A	Stockton	51.12 294	P	P	06 25 30.3 -1.1
J28A	Allard Ranch,	51.19 300	P	P	06 25 31.3 -0.7
Z36A	Blue Ridge	51.20 286	P	P	06 25 31.4 -0.7
O30A	MW Ranch, Wils	51.39 295	P	P	06 25 32.9 -0.5
Y35A	Marietta	51.41 287	P	P	06 25 32.8 -0.8
H27A	Howes	51.41 301	P	P	06 25 32.7 -0.9
S32A	Newby Ranch, P	51.42 292	P	P	06 25 33.2 -0.5
M29A	Burnside Ranch	51.43 297	P	P	06 25 32.8 -0.8
W34A	Bridge Creek,	51.46 289	P	P	06 25 33.4 -0.6
D25A	Fairfield	51.53 305	P	P	06 25 34.0 -0.4
I27A	Quinn	51.56 301	P	P	06 25 34.2 -0.5
G26A	Maurine	51.57 302	P	P	06 25 33.9 -0.9
N29A	Votaw Ranch, W	51.59 296	P	P	06 25 34.9 -0.8
T32A	Hudler Ranch,	51.60 291	P	P	06 25 34.3 -0.8
CBK5	Cedar Bluff	51.62 294	P	P	06 25 34.5 -0.8
V33A	Lossen Ranch,	51.62 290	P	P	06 25 34.3 -1.0
R31A	Burdett	51.65 293	P	P	06 25 34.7 -0.8
X34A	Smith Ranch, M	51.74 288	P	P	06 25 35.3 -0.8
E25A	Miller Ranch,	51.76 304	P	P	06 25 35.9 -0.3
J27A	Elkhorn Farm,	51.78 300	P	P	06 25 35.0 -1.4
Z35A	Perchaven, San	51.80 286	P	P	06 25 35.8 -0.8
H26A	Fairpoint	51.89 302	P	P	06 25 36.3 -0.9
Q30A	Quilley	51.92 294	P	P	06 25 36.7 -0.8
U32A	Winter Ranch,	51.95 290	P	P	06 25 36.7 -1.0
I26A	New Underwood	52.13 301	P	P	06 25 37.9 -1.1
G25A	Newell	52.15 302	P	P	06 25 38.0 -1.2
T31A	Randall Ranch,	52.19 292	P	P	06 25 38.9 -0.6
R30A	Dighton	52.20 293	P	P	06 25 38.6 -1.0
P29A	Atwood	52.22 295	P	P	06 25 38.8 -0.9
V32A	Arapaho	52.23 290	P	P	06 25 38.6 -1.2
X33A	Lawton	52.28 288	P	P	06 25 39.3 -0.8
WMOK	Wichita Mounta	52.41 288	eP	Pmax	06 25 40.3 -0.8
WMOK	Wichita Mounta	52.41 288	eP	Pmax	06 25 40.3 -0.8
WMOK	Wichita Mounta	52.41 288	eP	P	06 25 40.3 -0.8
436A	Wall Ranch, G	52.50 283	P	P	06 25 41.7 -0.1
Q29A	Oakley	52.50 294	P	P	06 25 40.4 -1.4
WHTX	Lake Whitney	52.50 285	eP	P	06 25 41.5 -0.3
WHTX	Lake Whitney	52.50 285	eP	P	06 25 42.2 +0.4
WHTX	Lake Whitney	52.50 285	eP	P	06 25 42.2 +0.4
J26A	Sides Ranch, S	52.50 300	P	P	06 25 41.1 -0.7
OGNE	Ogallala	52.55 297	P	P	06 25 41.6 -0.6
S30A	Montezuma	52.58 293	P	P	06 25 41.2 -1.2
W32A	Sentinel	52.61 289	P	P	06 25 41.5 -1.1
I25A	Rochford	52.73 301	P	P	06 25 42.9 -0.7
134A	White-Moore Ra	52.74 286	P	P	06 25 42.8 -0.8
335A	Moody	52.77 284	P	P	06 25 43.6 -0.3
V31A	Spring Creek L	52.81 290	P	P	06 25 43.6 -0.5
P28A	Saint Francis	52.82 295	P	P	06 25 43.1 -1.1
PRGR	Pergomere	52.85 36	P	Pmax	06 25 41.9 -2.0
X32A	Elms	52.92 288	P	P	06 25 44.3 -0.6
Z33A	Whitaker Ranch	52.98 287	P	P	06 25 44.8 -0.6
737A	Port Lavaca	53.09 281	P	P	06 25 46.0 -0.2
W31A	Holland Ranch,	53.12 289	P	P	06 25 45.7 -0.6
O27A	Beecher Island	53.13 296	P	P	06 25 45.7 -0.7
U30A	WK&E Inc. Balk	53.13 291	P	P	06 25 45.7 -0.8
M26A	McRoberts Ranc	53.16 298	P	P	06 25 45.6 -1.1
Y32A	McRoberts Ranc	53.20 288	P	P	06 25 46.4 -0.6
R28A	Tribune	53.31 294	P	P	06 25 46.7 -1.1
X31A	McDonald Ranch	53.36 289	P	P	06 25 47.6 -0.6

T29A	Hugoton	53.37 292	P	P	06 25 47.4 -0.8
133A	Hamilton Ranch	53.37 286	P	P	06 25 47.7 -0.6
535A	Dalhart	53.42 283	P	P	06 25 48.0 -0.6
P27A	Ficken Ranch,	53.42 295	P	P	06 25 47.8 -0.9
Z32A	Haskell	53.51 287	P	P	06 25 48.5 -0.8
LAO	LASA Array	53.57 305	P	P	06 25 49.3 -0.3
233A	Rising Star	53.60 285	P	P	06 25 49.3 -0.7
434A	Burnet	53.63 284	P	P	06 25 49.1 -1.1
S28A	Manter	53.65 293	P	P	06 25 49.5 -0.8
KSCO	Kaye Shedlock'	53.66 295	P	P	06 25 49.6 -0.8
Y31A	Rekieta Farm,	53.84 288	P	P	06 25 50.7 -1.0
SAML	Samuel	53.90 218	eP	P	06 25 51.6 -0.6
SAML	Samuel	53.90 218	eP	P	06 25 51.6 -0.6
ABTX	Abilene, Hawie	53.92 285	P	P	06 25 51.5 -0.8
333A	Richland Sprin	53.96 286	P	P	06 25 51.3 -1.3
P26A	Davis Ranch, A	53.98 296	P	P	06 25 51.6 -1.2
T28A	Walsh	53.99 293	P	P	06 25 52.0 -0.8
Z31A	Sharp Cattle R	54.02 287	P	P	06 25 52.4 -0.6
R27A	Bliss	54.05 294	P	P	06 25 51.9 -1.4
534A	Blanco	54.13 283	P	P	06 25 52.9 -0.9
YKA	Yellowknife Ar	54.14 325	P	P	06 25 51.8 -1.6
232A	Coleman	54.23 286	P	P	06 25 53.7 -1.0
433A	Art	54.29 284	P	P	06 25 54.0 -1.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like EDM, 631A, H19A, 832A, RLMT, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like ELK, LPAZ, LAZ, R11A, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like H07S1, H07N1, ESDC, GERES, etc.

ISCJB 13 06:23:50.6:0.6,37:0N:0.1:32:93W:0.09,h10km,mb4.1/22, Error ellipse: s-maj=17.1km s-min=9.5km

IDC 13 06:23:50.6:0.9,36:90N:32:94W,h0km,mb3.9/13,mb1.4/11,mb1mx3.9/48,mbmp3.9/13, Error ellipse: s-maj=26.5km s-min=18.2km az=163.0

NEIC 13 06:23:52.1:0.4,36:91N:32:91W,h10km,mb4.4/10, Error ellipse: s-maj=12.1km s-min=6.3km az=174.0

CSEM 13 06:23:52.2:0.1,36:95N:32:91W,h10km,mb4.3/11, Error ellipse: s-maj=8.8km s-min=4.5km az=171.0

ISCJB 13 06:19:52.3:0.6,37:1N:0.1:32:89W:0.07,h10km,mb4.1/31, Error ellipse: s-maj=16.0km s-min=7.9km

IDC 13 06:19:52.3:0.8,37:03N:32:87W,h0km,mb4.0/18,mb1.4/11,mb1mx4.0/52,mbmp4.0/18, Error ellipse: s-maj=25.2km s-min=14.6km az=168.0

NEIC 13 06:19:53.8:0.4,37:02N:32:87W,h10km,mb4.5/14, Error ellipse: s-maj=16.0km s-min=7.9km

439A	Center Grove, baz=51	50.83	282	P	P	06 37 13.5	-0.4
137A	Heron Place, G baz=51	50.86	285	P	P	06 37 14.1	-0.1
I28A	Midland baz=51	50.91	300	P	P	06 37 13.8	-0.7
D26A	Manning baz=51, SNR=13	50.93	304	P	P	06 37 14.6	+0.1
R32A	Long Quarter baz=51, SNR=12	50.93	293	P	P	06 37 13.7	-1.1
F27A	Leimmon baz=51, SNR=10	50.96	303	P	P	06 37 14.5	-0.3
V34A	Guthrie comp=Z, 44nm, 0.9s baz=51, SNR=14	50.97	289	P	P	06 37 14.2	-0.4
V34A	Guthrie comp=Z, 44nm, 0.9s baz=51, SNR=14	50.97	289	eP	P	06 37 14.2	-0.8
338A	Crockett baz=51	51.02	283	P	P	06 37 15.2	-0.2
L29A	Maesberg Ranch baz=51	51.02	298	P	P	06 37 14.3	-1.1
G27A	Dupree baz=51, SNR=9.0	51.04	302	P	P	06 37 15.1	-0.3
P31A	Stockton baz=51, SNR=6.6	51.05	294	P	P	06 37 14.7	-0.9
T33A	Patterson Ranch baz=51, SNR=5.7	51.06	291	P	P	06 37 14.8	-0.9
B25A	Knox Farm, Ray baz=51	51.08	306	P	P	06 37 15.8	+0.1
539A	Cross D Ranch, baz=51	51.08	281	P	P	06 37 15.3	-0.5
X35A	Drake baz=51, SNR=17	51.09	287	P	P	06 37 15.2	-0.7
E26A	Carlson Angus baz=51, SNR=6.1	51.09	304	P	P	06 37 15.9	0.0
Z36A	Blue Ridge baz=51, SNR=6.8	51.12	286	P	P	06 37 16.0	-0.1
J28A	Allard Ranch, baz=51, SNR=10	51.13	300	P	P	06 37 15.6	-0.6
Z77A	Washetta, Mont baz=51	51.14	284	P	P	06 37 16.1	-0.2
N30A	Huetfle Ranch, baz=51	51.15	296	P	P	06 37 15.3	-1.1
LPSR	Galich'ya Gora comp=E, 3.0nm, 1.0s, baz=282, slow=5.8, SNR=16	51.18	48	eP	pmax	06 37 15.2	-1.1
LPSR	comp=N, 10.0nm, 1.1s				pmax		
LPSR	comp=N, 10.0nm, 1.1s				pmax		
LPSR	comp=E, 10.0nm, 0.6s				pmax		
LPSR	Galich'ya Gora comp=E, 3.0nm, 1.1s	51.18	48	eP	pmax	06 37 15.2	-1.1
U33A	Lingo Farm, W baz=51, SNR=9.1	51.19	290	P	P	06 37 16.2	-0.5
BRTR	Keskin Array B	51.21	65	P	P	06 37 16.3	-0.6
BRTR	comp=E, 174nm, 21.0s, baz=280, slow=5.8, SNR=16				LR	06 58 12.5	
Q31A	Ellis baz=51	51.24	294	P	P	06 37 16.2	-0.8
C25A	Freed Ranch, W baz=51	51.28	305	P	P	06 37 17.4	+0.2
O30A	MW Ranch, Wils baz=51	51.32	295	P	P	06 37 16.6	-1.1
Y35A	Marietta baz=51, SNR=9.2	51.33	287	P	P	06 37 17.4	-0.4
S32A	Newby Ranch, P baz=51, SNR=11	51.35	292	P	P	06 37 17.3	-0.6
H27A	Howes baz=51, SNR=9.9	51.35	301	P	P	06 37 17.2	-0.6
M29A	Burnside Ranch baz=51	51.36	297	P	P	06 37 17.0	-1.0
W34A	Bridge Creek, baz=51	51.38	289	P	P	06 37 17.7	-0.4
W34A	Bridge Creek, comp=E, 24nm, 1.0s	51.38	289	eP	P	06 37 18.2	+0.1
W34A	Bridge Creek, comp=E, 24nm, 1.0s	51.38	289	eP	P	06 37 18.2	+0.1
438A	Sam Houston St baz=51	51.40	282	P	P	06 37 18.3	+0.1
F26A	Lodgepole baz=51, SNR=6.6	51.42	303	P	P	06 37 17.4	-0.8
K28A	Ten Mile Ranch baz=51	51.44	299	P	P	06 37 17.9	-0.6
D25A	Fairfield baz=51, SNR=9.5	51.48	305	P	P	06 37 19.2	+0.5
337A	Centerville baz=51	51.48	283	P	P	06 37 18.6	-0.3
I27A	Quinn baz=51, SNR=9.9	51.50	301	P	P	06 37 18.5	-0.5
G26A	Maurine baz=51, SNR=14	51.52	302	P	P	06 37 18.3	-0.7
N29A	Votaw Ranch, W baz=51	51.52	296	P	P	06 37 18.3	-0.9
T32A	Huddler Ranch, baz=51	51.53	291	P	P	06 37 18.6	-0.7
V33A	Lossen Ranch, baz=52, SNR=10.0	51.55	290	P	P	06 37 19.1	-0.3
CBKS	Cedar Bluff	51.55	294	eP	pmax	06 37 19.0	-0.4
CBKS	comp=Z, 25nm, 1.2s				pmax		
CBKS	Cedar Bluff baz=52	51.55	294	P	P	06 37 18.6	-0.8
CBKS	Cedar Bluff comp=Z, 25nm, 1.2s	51.55	294	eP	pmax	06 37 19.0	-0.4
CBKS	Cedar Bluff comp=Z, 25nm, 1.2s	51.55	294	eP	pmax	06 37 19.0	-0.4
R31A	Burdett baz=52, SNR=16	51.58	293	P	P	06 37 18.7	-0.9
VSR	Storozhevoye	51.64	50	eP	pmax	06 37 19.2	-0.6
VSR	comp=Z, 20nm, 1.3s				pmax		
VSR	comp=N, 10.0nm, 0.7s				pmax		
VSR	comp=E, 10.0nm, 0.9s				pmax		
VSR	Storozhevoye comp=E, 10.0nm, 0.7s	51.64	50	eP	pmax	06 37 19.2	-0.6
X34A	Smith Ranch, M baz=52, SNR=13	51.67	288	P	P	06 37 20.3	0.0
P30A	Selden baz=52	51.67	295	P	P	06 37 19.3	-1.0
DGMT	Dagmar baz=52	51.69	307	P	P	06 37 20.3	+0.1
DGMT	Dagmar comp=E, 17nm, 0.8s	51.69	307	eP	P	06 37 21.1	+0.8
DGMT	Dagmar comp=E, 17nm, 0.8s	51.69	307	eP	P	06 37 21.1	+0.8
236A	Katherine and baz=52	51.70	284	P	P	06 37 20.3	-0.2
E25A	Miller Ranch, baz=52, SNR=12	51.71	304	P	P	06 37 20.7	+0.3
J27A	Elkhorn Farm, baz=52	51.72	300	P	P	06 37 20.1	-0.5
Z35A	Perchaven, San baz=52, SNR=9.4	51.72	286	P	P	06 37 20.1	-0.6
L28A	Connealy Angus baz=52	51.77	298	P	P	06 37 20.1	-0.9
VORD	Divnogorie	51.78	50	eP	pmax	06 37 20.4	-0.4
VORD	comp=Z, 30nm, 1.3s				pmax		
VORD	comp=N, 30nm, 0.6s				pmax		
VORD	comp=E, 120nm, 1.6s				pmax		
VORD	Divnogorie comp=E, 30nm, 0.6s	51.78	50	eP	pmax	06 37 20.4	-0.4
S31A	Mullinville baz=52	51.79	292	P	P	06 37 21.0	-0.2
H26A	Fairpoint baz=52, SNR=5.6	51.83	302	P	P	06 37 20.6	-0.9
Q30A	Quinter baz=52, SNR=11	51.85	294	P	P	06 37 20.8	-0.9
Y34A	Reagan Ranch, baz=52	51.86	287	P	P	06 37 20.6	-1.1
O29A	4D Ranch, Culb baz=52	51.88	296	P	P	06 37 20.6	-1.2
U32A	Winter Ranch, baz=52, SNR=9.6	51.88	290	P	P	06 37 21.4	-0.4
F25A	Bowman baz=52	51.91	303	P	P	06 37 21.8	-0.2
W33A	Caddo, Fort Co baz=52, SNR=6.9	51.94	289	P	P	06 37 22.2	-0.2
K27A	Flueckinger Fa baz=52	52.05	299	P	P	06 37 22.1	-1.0
I26A	New Underwood	52.07	301	P	P	06 37 21.5	-1.7
G25A	Newell baz=52	52.10	302	P	P	06 37 22.8	-0.6
T31A	Randall Ranch, baz=52, SNR=6.2	52.12	292	P	P	06 37 23.2	-0.4
R30A	Dighton baz=52	52.13	293	P	P	06 37 23.7	-0.1
P29A	Atwood baz=52, SNR=26	52.15	295	P	P	06 37 22.8	-1.1
135A	Vickery Place, baz=52	52.15	285	P	P	06 37 23.9	0.0
V32A	Arapaho baz=52, SNR=8.9	52.16	290	P	P	06 37 23.5	-0.4
336A	Rieser baz=52	52.20	284	P	P	06 37 23.8	-0.4
X33A	Lawton baz=52	52.20	288	P	P	06 37 23.4	-0.9
Z34A	Collier Ranch, baz=52, SNR=7.9	52.22	287	P	P	06 37 23.9	-0.5
N28A	Pribbeno Ranch baz=52	52.22	296	P	P	06 37 23.5	-0.9
ANN	Anapa	52.26	58	eP	P	06 37 22.2	-2.3
ANN	comp=N, 150nm, 16.0s				e	06 39 20.7	-2.7
ANN	comp=N, 150nm, 16.0s				eS	06 44 46.7	-2.7
ANN	comp=N, 150nm, 16.0s				pmax		
ANN	comp=E, 745nm, 16.0s				MLR	MLR	
ANN	comp=Z, 27nm, 1.0s				MLR	MLR	
ANN	comp=N, 150nm, 16.0s				MLR	MLR	
ANN	comp=N, 150nm, 16.0s	52.26	58	eP	P	06 37 22.2	-2.3
ANN	Anapa comp=N, 27nm, 1.0s	52.26	58	ePcP	PcP	06 38 33.3	-2.5
ANN	comp=N, 150nm, 16.0s				S	06 44 46.7	-2.7
L27A	T5 Ranch, Ellis baz=52	52.31	298	P	P	06 37 23.9	-1.2
WMOK	Wichita Mounta	52.34	288	eP	pmax	06 37 24.4	-0.9
WMOK	comp=Z, 27nm, 1.0s				pmax		
WMOK	Wichita Mounta comp=Z, 11nm, 1.0s	52.34	288	eP	P	06 37 24.4	-0.9
WMOK	Wichita Mounta comp=Z, 11nm, 1.0s	52.34	288	eP	P	06 37 24.4	-0.9
537A	Green Hill Far baz=52	52.34	282	P	P	06 37 25.5	+0.2
H25A	Fruittale baz=52	52.39	302	P	P	06 37 24.5	-1.1
WHTX	Lake Whitney baz=52, SNR=6.9	52.42	285	P	P	06 37 26.2	+0.3
WHTX	Lake Whitney comp=Z, 74nm, 1.1s	52.42	285	eP	P	06 37 26.4	+0.5
WHTX	Lake Whitney comp=Z, 74nm, 1.1s	52.42	285	eP	P	06 37 26.4	+0.5
Q29A	Oakley baz=52, SNR=18	52.43	294	P	P	06 37 25.2	-0.7
J26A	Sides Ranch, S baz=52, SNR=12	52.44	300	P	P	06 37 25.6	-0.4
OGNE	Ogallala baz=52	52.48	297	P	P	06 37 25.1	-1.3
S30A	Montezuma baz=52, SNR=13	52.51	292	P	P	06 37 26.4	-0.1
Y33A	Hilltop Ranch, baz=52	52.51	288	P	P	06 37 25.9	-0.6
U31A	Nine Bar Ranch baz=52	52.52	291	P	P	06 37 26.1	-0.6
W32A	Sentinel baz=52, SNR=7.7	52.54	289	P	P	06 37 26.5	-0.3
M27A	Reverse DX Ran baz=52	52.54	298	P	P	06 37 25.6	-1.2
O28A	Krutsinger Ran baz=52	52.58	296	P	P	06 37 25.8	-1.3
134A	White-Moore Ra baz=53, SNR=12	52.66	286	P	P	06 37 27.6	-0.1
I25A	Rockford baz=53, SNR=9.9	52.67	301	P	P	06 37 27.3	-0.5
335A	Moody baz=53, SNR=10	52.70	284	P	P	06 37 28.0	0.0
CSS	Prodhromos comp=Z, 4nm, 0.8s	52.71	71	eP	P	06 37 28.2	+0.2
CSS	Prodhromos comp=Z, 4nm, 0.8s	52.71	71	eP	P	06 37 28.2	+0.2
K26A	Motz Farm, Whi baz=53	52.71	299	P	P	06 37 27.0	-1.0
R29A	Marienthal baz=53	52.72	294	P	P	06 37 27.6	-0.5
G24A	Alzada baz=53	52.73	303	P	P	06 37 27.2	-0.9
V31A	Spring Creek L baz=53, SNR=13	52.74	290	P	P	06 37 28.1	-0.2
P28A	Saint Francis baz=53, SNR=6.8	52.76	295	P	P	06 37 27.6	-0.8
T30A	Plains baz=53	52.77	292	P	P	06 37 27.8	-0.7
X32A	Elmer baz=53, SNR=9.4	52.84	288	P	P	06 37 28.7	-0.3
RSSD	Black Hills	52.85	301	eP	pmax	06 37 28.4	-0.8
RSSD	comp=Z, 4.0nm, 0.9s				pmax		
RSSD	Black Hills comp=Z, 4.0nm, 0.9s	52.85	301	eP	P	06 37 28.4	-0.8
RSSD	Black Hills comp=Z, 4.0nm, 0.9s	52.85	301	eP	P	06 37 28.4	-0.8
L26A	Underwood Farm baz=53	52.86	299	P	P	06 37 28.5	-0.7
N27A	Anderson Farm, baz=53	52.89	297	P	P	06 37 28.7	-0.7
Z33A	Whitaker Ranch baz=53, SNR=14	52.90	287	P	P	06 37 28.8	-0.6
J25A	Sunshine Ranch baz=53, SNR=7.9	52.92	300	P	P	06 37 29.0	-0.6
536A	Bastrop baz=53	52.93	282	P	P	06 37 29.6	-0.1
234A	Clairette baz=53, SNR=12	52.94	285	P	P	06 37 28.9	-0.9
PRGR	Pernogore comp=Z, 24nm, 0.3s	52.94	36	eP	pmax	06 37 28.0	-1.3
PRGR	Pernogore comp=Z, 24nm, 0.3s	52.94	36	eP	P	06 37 28.0	-1.3
Q28A	Sharon Springs baz=53	52.99	295	P	P	06 37 29.1	-1.0
S29A	Ulysses baz=53, SNR=7.0	52.99	293	P	P	06 37 29.5	-0.6
H24A	Dirks Ranch, A baz=53	53.00	302	P	P	06 37 28.6	-1.5
737A	Port Lavaca baz=53	53.01	281	P	P	06 37 29.6	-0.6
435B	Jarrel baz=53	53.03	283	P	P	06 37 30.2	-0.2
W31A	Holland Ranch, baz=53, SNR=5.3	53.04	289	P	P	06 37 29.6	-0.9
U30A	WK&E Inc. Baik baz=53, SNR=9.2	53.06	291	P	P	06 37 30.3	-0.4
O27A	Beecher Island baz						

13d 6h

Table with columns: Station, Name, Time, Res, and various codes. Includes stations like LDFC Landfair, TPH Tonopah, Y12C Blythe, etc.

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Table with columns: Station, Name, Time, Res, and various codes. Includes stations like BAR Barrett, RCTO Rectort, VES Vestal, etc.

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Table with columns: Station, Name, Time, Res, and various codes. Includes stations like WMQ, BOSB Boshof, SONM Songino Array, etc.

TAP 13 06:36:51.6, 21'52N, 121'97E, h206km, ML3.5, D, Taiwan

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like LAY Lan-yu, TSEB Hengchuen, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TWK Hsiyang, CHNA Tsoushan, CHN4, ALS Alishan, etc.

IDC 13 06:37:35.7.3.0.54'28N.07'42E h0km, mb1.3.4/2, mb1mx3.1/5.3, mbmtmp3.4/2, ML3.0/2, Error ellipse: s-maj=25.8km s-min=17.2km az=52.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Kurchatov Arra, etc.

ISC/JB 13 06:43:01.9.0.6.37'1N.0.1'32'95W.0.10, h10km, mb4.0/19, Error ellipse: s-maj=17.8km s-min=11.1km az=178.4

IDC 13 06:43:02.1.0.8.37'09N.32'98W, h0km, mb3.9/13, mb1.4.1/13, mb1mx3.8/4.8, mbmtmp3.9/13, Error ellipse: s-maj=22.0km s-min=18.1km az=169.0

NEIC 13 06:43:03.0.6.0.4.37'04N.32'93W, h10km, mb4.3/7, Error ellipse: s-maj=13.6km s-min=8.5km az=179.0

CSEM 13 06:43:03.7.0.2.37'06N.32'93W, h10km, mb4.2/8, Error ellipse: s-maj=15.1km s-min=9.6km az=176.0

ISC 13 06:43:03.6.0.7.37'0N.0.1'33'0W.0.11, h10km, n31, 0578/31, mb4.0/19, Azores Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NB2 NORSAR Subarra, NB2 NORSAR Subarra 35.65, NOA NORSAR Array B, etc.

FUNV 13 06:46:31.3.6.84N.72'99W, h166km, MW3.5, Northern Colombia

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

IDC 13 07:01:32.5.1.4.36'98N.32'88W, h0km, mb3.6/3, mb1.3.8/3, mbmtmp3.4/3, mbmtmp3.6/3, Error ellipse: s-maj=47.4km s-min=29.2km az=14.0, Azores Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station TORD Torodi Ar. Bea.

0.5nm, 0.8s, baz=311, slow=8.6, SNR=2.4
FINES FINES Array B 43.64 37 P P 07 09 38.3 -0.1
TXAR Lajitas Array 58.53 285 P P 07 11 31.0 -0.1

ISK 13 07:13:36.7.36'81N.35'62E, h28km, MD2.3
DDA 13 07:13:36.5.36'71N.35'48E, h7km, MD2.6
CSEM 13 07:13:37.8.0.4.36'80N.35'62E, h20km, MD2.3, Error ellipse: s-maj=10.3km s-min=7.7km az=97.0

ISC 13 07:13:37.2.1.4.36'80N.0'06.35'59E.0.06, h27km, 8km, n10, 0593/20, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YURE YUREGIR, CEYH CEYHAN, KRYS KARATAS, etc.

ISC/JB 13 07:14:57.3.0.7.37'0N.0.1'32'9W.0.11, h10km, mb4.0/14, Error ellipse: s-maj=18.5km s-min=11.3km az=148.5

IDC 13 07:14:57.4.0.9.36'94N.32'87W, h0km, mb3.9/10, mb1.4.1/10, mb1mx3.8/4.5, mbmtmp3.9/10, Error ellipse: s-maj=28.0km s-min=20.1km az=160.0

NEIC 13 07:14:59.0.0.6.36'96N.32'85W, h10km, mb4.3/5, Error ellipse: s-maj=17.3km s-min=11.0km az=169.0

CSEM 13 07:14:59.0.0.3.36'97N.32'85W, h10km, mb4.2/6, Error ellipse: s-maj=19.4km s-min=12.0km az=165.0

ISC 13 07:14:59.1.0.8.37'0N.0.1'32'8W.0.11, h10km, n24, 0597/24, mb4.0/14, Azores Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H07S1 FLORES T-PHASE, NB2 NORSAR Subarra, NOA NORSAR Array B, etc.

IDC 13 07:25:09.9.2.6.40'49N.50'55E, h0km, mb3.7/4, mb1.3.7/6, mb1mx3.4/3.9, mbmtmp3.6/6, ML3.8/2, M53.4/1, Mb1.3.4/1, mb1mx2.4/4.8, Error ellipse: s-maj=40.6km s-min=20.4km az=152.0

ISC/JB 13 07:25:15.7.0.6.40'22N.0'03.50'E.0.06, h96km, 5km, mb3.4/4, Error ellipse: s-maj=7.3km s-min=5.6km az=163.0

AZER 13 07:25:16.4.4.4.40'20N.50'52E, h60km, Error ellipse: s-maj=4.8km s-min=2.7km az=270.0

CSEM 13 07:25:16.3.0.3.40'25N.50'70E, h60km, ML3.6, Error ellipse: s-maj=7.4km s-min=6.0km az=63.0

THR 13 07:25:21.4.0.4.39'56N.50'09E, h14km, 9km, ML3.6

NIC 13 07:25:28.1.6.6.41'22N.51'70E, h0km, mb3.6, Error ellipse: s-maj=58.6km s-min=41.6km az=88.0

ISC 13 07:25:17.0.0.9.40'22N.0'04.50'E.0.05, h70km, 9km, n57, 0593/74, mb3.6/4, 18C-19D, Caspian Sea

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

POL Pirkuli SNR=2.8, PQL Pirkuli SNR=2.8

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

IML Ismayilli 1.90 289 P Sn 07 25 48.6 +1.3
IML QUBA Quba, Azerbaiz 1.94 307 P Sn 07 26 11.7 +1.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like QUBA Quba, Azerbaiz, LKRN Lenkeran, Azer, etc.

ISC/JB 13 07:27:06.8.40'78N.39'51E, h7km, MD2.7, Turkey

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

ISC/JB 13 07:27:06.8.40'78N.39'51E, h7km, MD2.7, Turkey

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

ISC/JB 13 07:27:06.8.40'78N.39'51E, h7km, MD2.7, Turkey

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

ISC/JB 13 07:27:06.8.40'78N.39'51E, h7km, MD2.7, Turkey

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

ISC/JB 13 07:27:06.8.40'78N.39'51E, h7km, MD2.7, Turkey

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

ISC/JB 13 07:27:06.8.40'78N.39'51E, h7km, MD2.7, Turkey

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

ISC/JB 13 07:27:06.8.40'78N.39'51E, h7km, MD2.7, Turkey

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

ISC/JB 13 07:27:06.8.40'78N.39'51E, h7km, MD2.7, Turkey

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AKH, KZR, TBGL, etc.

IDC 13 07:28:38.3-1.4, 37.06N-32.95W, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.5/2, mbtmp3.7/5, Error ellipse: s-maj=37.7km s-min=27.0km az=178.0, Azores Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NOA, TORD, FINES, etc.

ISK 13 07:30:45.6, 37.63N, 36.24E, h6km, MD2.8 CSEM 13 07:30:45.9, 0.3, 37.63N, 36.21E, h0km, 2km, MD2.9, Error ellipse: s-maj=6.2km s-min=3.7km az=170.0

DDA 13 07:30:45.8, 37.60N, 36.25E, h2km, MD2.9 ISK 13 07:30:46.1, 0.3, 37.62N, 0.04, 36.24E, 0.02, h5km, 3km, n26, c065/40, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ANDN, KOZT, KMRS, etc.

DDA 13 07:34:43.1, 34.86N-28.42E, h27km, MD3.4 ISCBJ 13 07:34:47.9, 0.3, 35.05N, 0.03, 28.63E, 0.03, h7km, 1.9km, Error ellipse: s-maj=5.0km s-min=3.8km az=7.6

CSEM 13 07:34:49.1, 0.2, 35.05N, 28.54E, h40km, MD3.3, Error ellipse: s-maj=5.0km s-min=3.1km az=85.0

ISK 13 07:34:49.1, 35.17N, 28.49E, h73km, MD3.3, ML3.0 HLW 13 07:34:52.7, 34.84N, 28.63E, h31km, 20km, MG1.3

NIC 13 07:34:53.9, 35.34N, 29.01E, h74km, ML3.2 ISK 13 07:34:48.6, 1.2, 35.04N, 0.05, 28.57E, 0.03, h60km, 38km, n90, c141/115, 2D, Eastern Mediterranean Sea

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MANT, KULA, SZAC, etc.

IDC 13 07:51:26.2, 3.3, 3.73S, 151.05E, h0km, mb3.9/2, mb1 4.3/2, mb1mx3.6/29, mbtmp4.0/2, Error ellipse: s-maj=13.9km s-min=4.6km az=117.0

AUST 13 07:52:17.1, 15.0, 5.46S, 149.85E, h321km, 1km, Error ellipse: s-maj=7.3km s-min=2.3km az=38.0

ISC 13 07:51:28.0, 3.0, 3.65S, 0.3, 151.1E, 0.02, h10km, n11, c263/7, New Ireland region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KANU, KAKO, EIDS, etc.

JMA 13 07:54:38.8, 0.1, 35.86N, 140.47E, h34km, 1km, M3.1, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CHOJ, JYT, JHO, etc.

IDC 13 07:56:56.9, 1.6, 37.31N, 32.49W, h0km, mb3.7/3, mb1 4.1/3, mb1mx3.4/44, mbtmp3.7/3, Error ellipse: s-maj=234.8km s-min=29.0km az=26.0, Azores Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TORD, TXAR, NVAR, etc.

ellipse: s-maj=5.3km s-min=2.7km az=177.0 CSEM 13 07:58:48.7, 0.1, 36.90N, 32.86W, h10km, mb5.3/99, MS4.7, Error ellipse: s-maj=6.4km s-min=2.5km az=174.0

MOS 13 07:58:50.2, 0.9, 36.86N, 32.95W, h33km, mb5.5/67, MS4.7/23, Error ellipse: s-maj=6.4km s-min=4.5km az=46.1

PDA 13 07:58:50.0, 2.4, 36.85N, 33.14W, h10km, mb4.7, ML4.8, Error ellipse: s-maj=25.7km s-min=10.6km az=78.0

IGL 13 07:58:53.6, 36.92N, 32.93W, h40km, mb4.7 SZGRF 13 07:59:01.4, 37.50N, 31.90W, h39km, mb5.0, MS4.7

Azores Islands region ISC 13 07:58:49.2, 0.4, 36.88N, 0.05, 32.90W, 0.04, h13km, 2km, h2km, PP-P, N1224, r100/1268, mb5.3/243, MS4.8/53, 24C-19D, Azores Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HO7S1, CALA, PCED, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like 123A Red Feather La, 035Z Hargill, 431A Sonora, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like WALA Waterton Lakes, WALA Waterton Lakes, SNOW Snow King Mountain, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like DUG Dugway, DUG Dugway, DUG Dugway, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and Time. Includes stations like HYT Haines Junction, FURC Furnace Creek, NVAR Mina Array Bea, GRAC Grapevine Rang, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and Time. Includes stations like BMRM Bremner River, SMMC Simler, PKM Peak Mountain, SCI San Clemente I, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and Time. Includes stations like KSH KSH, YAK Yakutsk, SEY Seymchan, HVS Khovu-Aksy, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PBAR Barrancos, PMRV Marv??o, PCBR Castelo Branco, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZET Dzerhino, SFK Sufi-Kurgan, MNAS Manas, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SCHQ Schefferville, TORD Torodi Arr, FINES FINES Array B, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MSF Maaseika, KU6 Riiekki, KU6 comp=N,2.6,3nm,0.2s, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KU6 comp=N,2.6,3nm,0.2s, KU6 comp=N,2.6,3nm,0.2s, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KU6 comp=N,2.6,3nm,0.2s, KU6 comp=N,2.6,3nm,0.2s, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KU6 comp=N,2.6,3nm,0.2s, KU6 comp=N,2.6,3nm,0.2s, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KU6 comp=N,2.6,3nm,0.2s, KU6 comp=N,2.6,3nm,0.2s, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KU6 comp=N,2.6,3nm,0.2s, KU6 comp=N,2.6,3nm,0.2s, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NOA NORSTAR Array B, TORD Torodi Arr, FINES FINES Array B, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, DZM 0.2nm,0.3s,baz=183,slow=19,SNR=5.9, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BJI 13 09:31:39.1, 13:70N:90:70W, h70km, mB4.8/1, Ms4.9/1, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PCG Pacaya, FUG Fuego 3, NBG Las Nubes, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RTR El Retiro, SBL San Blas, SBL Robledal, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SBL Robledal, SBL San Blas, SBL Robledal, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SBL Robledal, SBL San Blas, SBL Robledal, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SBL Robledal, SBL San Blas, SBL Robledal, etc.

13d 10h

Table of station data for 13d 10h, including columns for station name, coordinates, elevation, and other parameters.

2010 AUG

Main table of station data for 2010 AUG, including columns for station name, coordinates, elevation, and other parameters.

0.4nm, 0.7s, baz=40, slow=5.4, SNR=3.5

706

Table of station data for 706, including columns for station name, coordinates, elevation, and other parameters.

13d 10h

2010 AUG

708

Table with columns for call sign, name, frequency, power, mode, and time. Includes entries like KHC Kasperke Hory, GERES GERESSE Array B, and various Summit and TAM stations.

Table with columns for call sign, name, frequency, power, mode, and time. Includes entries like OBN comp=Z,11nm,0.8s, OBN comp=Z,110nm,16.0s, and various other stations.

Table with columns for call sign, name, frequency, power, mode, and time. Includes entries like H24A Dirks Ranch, A, U30A WK&E Inc. Balk, and various other stations.

MSTX	Muleshoe	55.72 289	eP	P	11 05 06.9	-0.3
I20A	Worland	55.76 302	P	P	11 05 06.9	-0.3
933A	Laredo	55.81 281	P	P	11 05 07.2	-0.5
229A	Bryant Ranch,	55.84 287	P	P	11 05 07.1	-0.9
732A	Laxson Ranch,	55.84 282	P	P	11 05 07.5	-0.4
430A	Baggett Ranch,	55.91 285	P	P	11 05 08.2	-0.2
420A	Ghoshoni	55.94 302	P	P	11 05 08.2	-0.4
EDM	Edmonton	55.99 314	eP	P	11 05 09.4	+0.7
EDM	Edmonton	55.99 314	eP	P	11 05 09.4	+0.7
EDM	Edmonton	55.99 314	eP	P	11 05 09.4	+0.7
631A	Perdido Creek	56.01 283	P	P	11 05 08.3	-0.8
832A	Faith Ranch, C	56.05 282	P	P	11 05 08.9	-0.5
128A	Castleberry Fa	56.07 288	P	P	11 05 09.1	-0.5
H19A	Powell	56.08 303	P	P	11 05 09.2	-0.4
RLMT	Red Lodge	56.11 304	P	P	11 05 09.7	-0.2
RLMT	Red Lodge	56.11 304	eP	P	11 05 10.6	+0.7
RLMT	Red Lodge	56.11 304	eP	P	11 05 10.6	+0.7
SDCO	Great Sand Dun	56.22 295	P	P	11 05 11.0	+0.2
SDCO	Great Sand Dun	56.22 295	eP	P	11 05 11.1	+0.2
SDCO	Great Sand Dun	56.22 295	eP	P	11 05 11.1	+0.2
530A	J-C Ranch, com	56.27 285	P	P	11 05 10.2	-0.8
119A	Meeteetse	56.31 303	P	P	11 05 11.1	-0.2
429A	Davenport Ranc	56.49 285	P	P	11 05 11.9	-0.7
J19A	Crowheart	56.63 302	P	P	11 05 12.9	-0.7
529A	Stev Forest Ra	56.96 285	P	P	11 05 15.5	-0.5
S22A	4UJ Ranch, Cre	57.19 295	P	P	11 05 17.5	-0.3
O20A	White River Ci	57.25 298	P	P	11 05 17.7	-0.4
O20A	White River Ci	57.25 298	eP	P	11 05 17.8	-0.3
O20A	White River Ci	57.25 298	eP	P	11 05 17.8	-0.3
YMR	Madison River	57.40 304	eP	P	11 05 20.1	+1.0
YMR	Madison River	57.40 304	eP	P	11 05 20.1	+1.0
FLWY	Flagg Ranch	57.44 303	eP	P	11 05 19.9	+0.6
FLWY	Flagg Ranch	57.44 303	eP	P	11 05 19.9	+0.6
BOZ	Bozeman (W)	57.48 305	eP	P	11 05 19.4	-0.1
BOZ	Bozeman (W)	57.48 305	eP	P	11 05 19.0	-0.5
BOZ	Bozeman (W)	57.48 305	eP	P	11 05 19.4	-0.1
BOZ	Bozeman (W)	57.48 305	eP	P	11 05 19.4	-0.1
LOHW	Long Hollow	57.55 303	eP	P	11 05 20.2	0.0
LOHW	Long Hollow	57.55 303	eP	P	11 05 20.2	0.0
MOOW	Moose Ponds	57.59 303	eP	P	11 05 20.2	-0.2
MOOW	Moose Ponds	57.59 303	eP	P	11 05 20.2	-0.2
IMW	Indian Meadow	57.67 303	eP	P	11 05 21.2	+0.2
IMW	Indian Meadow	57.67 303	eP	P	11 05 21.2	+0.2
FXWY	Fox Creek	57.82 303	eP	P	11 05 21.7	-0.4
FXWY	Fox Creek	57.82 303	eP	P	11 05 21.7	-0.4
TPAW	Teton Pass	57.83 303	eP	P	11 05 22.5	+0.3
TPAW	Teton Pass	57.83 303	eP	P	11 05 22.5	+0.3
ANMO	Albuquerque	58.08 292	eP	P	11 05 24.9	+1.0
ANMO	Albuquerque	58.08 292	eP	P	11 05 24.9	+1.0
ANMO	Albuquerque	58.08 292	eP	P	11 05 24.9	+1.0
DLMT	Dillon	58.21 305	eP	P	11 05 25.4	+0.7
DLMT	Dillon	58.21 305	eP	P	11 05 25.4	+0.7
TXAR	Lajitas Array	58.44 285	P	P	11 05 26.3	-0.3
TXAR	Lajitas Array	58.44 285	P	P	11 05 26.3	-0.3
MSO	Missoula	58.53 307	P	P	11 05 26.6	-0.2
MVCO	Mesa Verde	58.62 295	P	P	11 05 28.8	+1.0
MVCO	Mesa Verde	58.62 295	eP	P	11 05 28.8	+1.0
MVCO	Mesa Verde	58.62 295	eP	P	11 05 28.8	+1.0
MVCO	Mesa Verde	58.62 295	eP	P	11 05 28.8	+1.0
LAZ	Ladron	58.82 292	eP	P	11 05 30.2	+1.1
LAZ	Ladron	58.82 292	eP	P	11 05 30.2	+1.1
HWUT	Hardware Ranch	58.98 301	eP	P	11 05 30.1	-0.1
HWUT	Hardware Ranch	58.98 301	eP	P	11 05 30.1	-0.1
SRU	San Rafael	59.28 298	eP	P	11 05 32.6	+0.4
SRU	San Rafael	59.28 298	eP	P	11 05 32.6	+0.4
SRU	San Rafael	59.28 298	eP	P	11 05 32.6	+0.4
MPU	Maple Canyon	59.68 299	eP	P	11 05 35.4	+0.4
MPU	Maple Canyon	59.68 299	eP	P	11 05 35.4	+0.4
HVU	Hansel Valley	59.74 302	eP	P	11 05 35.3	-0.1
HVU	Hansel Valley	59.74 302	eP	P	11 05 35.3	-0.1
HVU	Hansel Valley	59.74 302	eP	P	11 05 35.3	-0.1
HVU	Hansel Valley	59.74 302	eP	P	11 05 35.3	-0.1
INK	Inuvik	59.88 335	P	P	11 05 35.2	-0.4
INK	Inuvik	59.88 335	P	P	11 05 35.2	-0.4
INK	Inuvik	59.88 335	P	P	11 05 35.2	-0.4
INK	Inuvik	59.88 335	P	P	11 05 35.2	-0.4
NEW	Newport	59.97 310	eP	P	11 05 36.2	-0.5
NEW	Newport	59.97 310	eP	P	11 05 36.8	+0.1
NEW	Newport	59.97 310	eP	P	11 05 36.8	+0.1
NEW	Newport	59.97 310	eP	P	11 05 36.8	+0.1
NLU	North Lily Min	60.01 299	eP	P	11 05 38.1	+0.8
NLU	North Lily Min	60.01 299	eP	P	11 05 38.1	+0.8
NLU	North Lily Min	60.01 299	eP	P	11 05 38.1	+0.8
NLU	North Lily Min	60.01 299	eP	P	11 05 38.1	+0.8
HLID	Hailey	60.12 304	P	P	11 05 38.1	+0.2
HLID	Hailey	60.12 304	P	P	11 05 38.1	+0.2
HLID	Hailey	60.12 304	P	P	11 05 38.1	+0.2
HLID	Hailey	60.12 304	P	P	11 05 38.1	+0.2
121A	Cookes Peak, D	60.13 290	P	P	11 05 37.8	-0.4

BGU	Big Grassy Mou	60.27 301	eP	P	11 05 39.3	+0.3
BGU	Big Grassy Mou	60.27 301	eP	P	11 05 39.3	+0.3
DUG	Dugway	60.43 300	eP	P	11 05 40.5	+0.4
DUG	Dugway	60.43 300	eP	P	11 05 40.1	+0.1
DUG	Dugway	60.43 300	eP	P	11 05 40.5	+0.4
DUG	Dugway	60.43 300	eP	P	11 05 40.5	+0.4
MSU	Marysville	60.70 298	eP	P	11 05 43.1	+1.0
MSU	Marysville	60.70 298	eP	P	11 05 43.1	+1.0
MSU	Marysville	60.70 298	eP	P	11 05 43.1	+1.0
MSU	Marysville	60.70 298	eP	P	11 05 43.1	+1.0
ARU	Arti	60.91 39	eP	P	11 05 42.5	-0.4
ARU	Arti	60.91 39	eP	P	11 05 42.5	-0.4
ARU	Arti	60.91 39	eP	P	11 05 42.5	-0.4
ARU	Arti	60.91 39	eP	P	11 05 42.5	-0.4
WUAZ	Wupatki	61.44 295	P	P	11 05 47.8	+0.8
WUAZ	Wupatki	61.44 295	eP	P	11 05 48.6	+1.5
WUAZ	Wupatki	61.44 295	eP	P	11 05 48.6	+1.5
WUAZ	Wupatki	61.44 295	eP	P	11 05 48.6	+1.5
CCUT	Cedar City	61.96 297	eP	P	11 05 51.8	+1.1
CCUT	Cedar City	61.96 297	eP	P	11 05 51.8	+1.1
LPAZ	La Paz	62.51 219	P	P	11 05 53.5	-1.3
LPAZ	La Paz	62.51 219	eP	P	11 05 53.9	-0.9
LPAZ	La Paz	62.51 219	eP	P	11 05 53.9	-0.9
LPAZ	La Paz	62.51 219	eP	P	11 05 53.9	-0.9
R11A	Troy Canyon, C	63.17 299	P	P	11 05 58.1	-0.5
BMN	Battle Mountai	63.35 302	eP	P	11 06 00.4	+0.6
BMN	Battle Mountai	63.35 302	eP	P	11 06 00.4	+0.6
BMN	Battle Mountai	63.35 302	eP	P	11 06 00.4	+0.6
BMN	Battle Mountai	63.35 302	eP	P	11 06 00.4	+0.6
WVOR	Wild Horse Val	63.40 304	eP	P	11 06 01.2	+1.2
WVOR	Wild Horse Val	63.40 304	eP	P	11 06 01.2	+1.2
WVOR	Wild Horse Val	63.40 304	eP	P	11 06 01.2	+1.2
WVOR	Wild Horse Val	63.40 304	eP	P	11 06 01.2	+1.2
SHPR	Sheep Range	63.72 297	eP	P	11 06 03.3	+1.0
SHPR	Sheep Range	63.72 297	eP	P	11 06 03.3	+1.0
G05D	Wamic, OR	63.86 308	P	P	11 06 02.1	-0.7
DAWY	Dawson	63.97 332	eP	P	11 06 04.5	+1.2
DAWY	Dawson	63.97 332	eP	P	11 06 04.5	+1.2
PDMC	Parker Dam, Lak	64.02 294	P	P	11 06 03.3	-0.7
214A	Organ Pipe Nat	64.16 292	P	P	11 06 04.6	-0.4
TPNV	Topopah Spring	64.28 298	P	P	11 06 05.4	-0.6
I05D	Terbonne, OR	64.29 307	P	P	11 06 05.3	-0.4
TPH	Tonopah	64.44 299	eP	P	11 06 07.4	+0.4
TPH	Tonopah	64.44 299	eP	P	11 06 07.4	+0.4
TPH	Tonopah	64.44 299	eP	P	11 06 07.4	+0.4
TPH	Tonopah	64.44 299	eP	P	11 06 07.4	+0.4
Y12C	Blythe	64.56 294	P	P	11 06 07.9	+0.2
E03A	Lebam	64.66 310	eP	P	11 06 08.0	0.0
E03A	Lebam	64.66 310	eP	P	11 06 08.0	0.0
J05D	Fort Rock, OR	64.71 306	P	P	11 06 09.3	+0.7
MOD	Modoc	64.74 304	eP	P	11 06 09.9	+1.0
MOD	Modoc	64.74 304	eP	P	11 06 09.9	+1.0
K05A	Summer Lake	64.74 305	eP	P	11 06 10.1	+1.2
K05A	Summer Lake	64.74 305	eP	P	11 06 10.2	+1.2
TUQ	Turquoise Moun	64.77 296	P	P	11 06 09.3	+0.2
IRM	Iron Mountain	64.82 295	P	P	11 06 10.0	+0.7
GMR	Granite Mounta	64.89 296	P	P	11 06 09.6	-0.3
FURC	Furnace Creek,	64.94 298	P	P	11 06 10.2	+0.2
NVAR	Mina Array Bea	65.02 300	P	P	11 06 10.6	-0.3
GRAC	Grapevine Rang	65.05 299	P	P	11 06 11.0	+0.2
GLA	Glamis	65.12 294	P	P	11 06 11.3	-0.1
BC3	Big Chuckawall	65.29 294	P	P	11 06 12.2	-0.3
J04D	Umpqua Nationa	65.29 306	P	P	11 06 11.9	-0.6
HEC	Hector, Ludlow	65.35 296	P	P	11 06 12.4	-0.5
K04D	Chiloquin, OR	65.35 306	P	P	11 06 12.8	0.0
GSC	Goldstone	65.47 297	P	P	11 06 13.8	+0.2
BELC	Belle Mtn. Jos	65.51 295	P	P	11 06 14.6	+0.6
MPMC	Manual Prospec	65.59 298	P	P	11 06 15.2	+0.7
M04C	Maidoel	65.81 305	eP	P	11 06 15.4	-0.4
COLD	Coldfoot	65.83 338	eP	P	11 06 16.3	+1.0
COLD	Coldfoot	65.83 338	eP	P	11 06 16.3	+1.0
J03D	Drain, OR	65.87 307	P	P	11 06 15.1	-0.8
LRMC	Laurel Mountai	66.01 297	P	P	11 06 17.3	+0.2
PFO	Pinyon Flat Ob	66.04 295	P	P	11 06 19.4	+2.0
PFO	Pinyon Flat Ob	66.04 295	P	P	11 06 18.1	+0.7
PFO	Pinyon Flat Ob	66.04 295	P	P	11 06 19.4	+2.0
PFO	Pinyon Flat Ob	66.04 295	P	P	11 06 17.7	+0.1
ILAR	Eielson Array	66.27 335	P	P	11 06 18.2	0.0
MONP	Monument Peak	66.37 294	P	P	11 06 19.7	+0.1
ISA	Isabella	66.48 298	eP	P	11 06 21.5	+1.4
ISA	Isabella	66.48 298	eP	P	11 06 21.0	0.0
ISA	Isabella	66.48 298	eP	P	11 06 21.5	+1.4
ISA	Isabella	66.48 298	eP	P	11 06 21.5	+1.4
CMB	Columbia Colle	66.65 301	eP	P	11 06 21.9	+0.8
CMB	Columbia Colle	66.65 301	eP	P	11 06 21.9	+0.8
CMB	Columbia Colle	66.65 301	eP	P	11 06 21.9	+0.8
CMB	Columbia Colle	66.65 301	eP	P	11 06 21.9	+0.8
CCB	Clear Creek Be	66.66 335	eP	P	11 06 21.2	+0.5
CCB	Clear Creek Be	66.66 335	eP	P	11 06 21.2	+0.5

N02D	Trinity Center	66.77 305	P	P	11 06 21.2	-0.7
L02D	Cave Junction,	66.78 306	P	P	11 06 21.1	-0.8
PAX						

13d 12h

2010 AUG

Table with columns: Station, Location, Frequency, Power, and other technical details. Includes stations like MOS, L31A, J30A, W36A, I29A, R33A, G28A, Q32A, H28A, U34A, BRTR, D26A, X35A, U33A, J28A, Y35A, O30A, S32A, V33A, CBKS, I27A, R31A, G26A, Z36A, X34A, S31A, E25A, Q30A, O29A, W33A, T31A, R30A, G25A, WMOK, WMOK, WMOK, WHTX, WHTX, WHTX, Q29A, S30A, J26A, 134A, V31A, R29A, I25A, X32A, Z33A, J25A, PRGR, PRGR, SAML, SAML, 334A, 133A, R28A, X31A, Z32A, BDFB, BDFB, 233A, 434A, S28A, Y31A, ABTX, ABTX, ABTX, 333A, T28A, 534A, R27A, 232A, 433A, U27A, S27A, Q26A, W29A, YKA, 332A, 533A, AMTX.

Table with columns: Station, Location, Frequency, Power, and other technical details. Includes stations like AMTX, K23A, R26A, V28A, 231A, 432A, Z30A, I22A, U27A, S26A, 633A, JCT, JCT, JCT, JCT, 130A, J22A, Y29A, T26A, 035A, 532A, 934A, K22A, Z29A, 632A, 230A, I21A, N23A, 431A, 034A, 330A, ISCO, EGMT, H20A, J21A, 531A, T25A, M5X, 933A, 732A, 229A, I20A, 430A, 631A, 832A, J20A, 128A, EDM, EDM, H19A, RLMT, RLMT, RLMT, 530A, SDCO, SDCO, KBZ, KBZ, I19A, 429A, J19A, 529A, S22A, O20A, YMR, YMR, FLWY, FLWY, BOZ, BOZ, BOZ, LOHW, LOHW, MOOW, MOOW, IMW, IMW, WALA.

Table with columns: Station, Location, Frequency, Power, and other technical details. Includes stations like WALA, REDW, REDW, FXWY, FXWY, TPAW, TPAW, ANMO, ANMO, ANMO, TXAR, TXAR, MSO, MICO, MICO, MICO, LAZ, LAZ, GNI, GNI, HWUT, HWUT, SRU, SRU, SRU, MPU, MPU, HVU, HVU, HVU, NLU, NLU, NEW, NEW, NEW, INK, INK, INK, 121A, HLID, HLID, HLID, DUG, DUG, DUG, DUG, MSU, MSU, MSU, ARU, ARU, ARU, WUAZ, WUAZ, WUAZ, LPAZ, LPAZ, ELK, CCUT, CCUT, R11A, R11A, R11A, SHPR, SHPR, PDMCI, 214A, DAWY, DAWY, TPNV, I05D, TPH, TPH, TPH, Y12C, J05D, MOD, MOD, K05A, K05A, IRM.

Table with columns: GMRC, Granite Mounta, 65.19 296, P, P, 12 19 24.1 +0.7, etc. Includes stations like FURC, NVAR, GRAC, BC3, GSC, DAC, etc.

Table with columns: GTA, comp=Z,130nm,19.5s, LZ, 96.42, 26, eP, P, 12 22 10.8 -0.4, etc. Includes stations like HHC, HHC, HHC, HHC, etc.

Table with columns: JMA 13 12:20:23.3, 35,02N:135.56E, h14km, M2.8, Western, Code, Station Name, etc. Includes stations like JWD, JWD, JWD, etc.

Table with columns: MOS 13 12:22:15.7, 3.9, 51.82N:98.33E, h10km, mb4.4/1, Error, Code, Station Name, etc. Includes stations like MOY, MOY, MOY, etc.

Table with columns: MEX 13 12:32:15.1, 0.5, 16.00N:98.33W, h5km, MD3.6, Off coast of Guerrero, Code, Station Name, etc. Includes stations like PNIG, PNIG, PNIG, etc.

Table with columns: MEX 13 12:33:26.2, 0.2, 16.03N:98.34W, h5km, MD3.9, Near coast of Guerrero, Code, Station Name, etc. Includes stations like PNIG, PNIG, PNIG, etc.

Table with columns: NEIC 13 13:01:43.0, 1.0, 4.140N:126.31E, h35km, mb4.2/4, Error, Code, Station Name, etc. Includes stations like TNTI, TNTI, TNTI, etc.

Table with columns: ISCJB 13 13:04:28.5, 0.5, 33.77N:102.357E, h0km, 6km, Error ellipse, Code, Station Name, etc. Includes stations like BHL, BHL, BHL, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like EGAK Eagle, DAWY Dawson, INK Inuvik, DLBC Dease Lake, etc.

ISK 13 15:09:29.8, 38.48N, 26.91E, h5km, MD2.9
DDA 13 15:09:29.9, 38.47N, 26.91E, h7km, MD2.7
ISCBJ 13 15:09:30.1, 0.4, 38.48N, 0.02, 26.91E, 0.03, h4km, 5km,
Error ellipse: s-maj=3.9km s-min=3.6km az=155.3
CSEM 13 15:09:30.4, 0.1, 38.47N, 26.91E, h5km, MD2.7, Error
ellipse: s-maj=2.8km s-min=2.2km az=63.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like URLA Izmir, URLA Izmir, ZEY Zmir, etc.

ISC 13 15:18:34.1±6.2, 1.84S, 77.87W, h276km, 65km, mb3.2/1,
mb1 3.2/3, mb1mx2.9/25, mbtmp3.8/3, Error ellipse:
s-maj=77.5km s-min=63.2km az=55.0, Ecuador

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ATAH Athualpa, LAZ La Paz, TORD Torodi Ar. Bea, etc.

ISC 13 15:23:44.6, 1.0, 3.63N, 127.56E, h0km, mb3.7/3,
mb1 3.9/3, mb1mx3.3/30, mbtmp3.7/3, Error ellipse:
s-maj=177.3km s-min=139.0km az=159.0, Talauad
Islands

0.9nm, 0.5s, baz=308, slow=6.0, SNR=4.1
ISCBJ 13 15:24:08.4, 0.8, 4.98N, 0.09, 126.6E, 0.2, h10km, mb3.8/6,
Error ellipse: s-maj=26.2km s-min=11.1km az=162.4
IDC 13 15:24:08.7, 1.4, 5.02N, 126.70E, h0km, mb3.8/5,
mb1 3.9/6, mb1mx3.6/25, mbtmp3.8/6, ML3.8/1, MS2.6/1,
Ms1 2.8/1, ms1mx2.3/45, Error ellipse: s-maj=138.2km
s-min=17.8km az=67.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DAV Davao City (W), DAV Davao City (E), DAV Davao City (S), etc.

WEL 13 15:26:32.0, 0.6, 36.82S, 176.34E, h256km, 7km, ML3.6/8,
1C, Error ellipse: s-maj=10.4km s-min=5.8km az=90.0,
Off east coast of North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HAZ The Kaha, HAZ The Kaha, RIGZ Rimuhau, etc.

NIED 13 15:36:00.43, 00N, 146.80E, h47km, Mw3.9 Best double
couple: M66 890000, 1014 NP1=223 000000, 835 000000,
199 000000. NP2=32 000000, 856 000000, 184 000000.
IDC 13 15:36:25.3, 0.7, 42.93N, 147.29E, h0km, mb3.8/10,
mb1 4.0/14, mb1mx3.7/5, mbtmp3.8/14, ML2.5/3, MS2.8/1,
Ms1 2.8/1, ms1mx2.3/35, Error ellipse: s-maj=19.3km
s-min=17.4km az=81.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JMA 13 15:36:33.0, 1.7, 42.96N, 146.77E, h59km, 2km, M4.2,
SKHL 13 15:36:33.0, 0.7, 42.95N, 146.91E, h58km, 5km, mb4.2/2,
ISC 13 15:36:33.1, 0.7, 42.93N, 0.06, 146.84E, 0.07, h47km, 14km,
n66, 0.99871, mb3.9/12, 1C-3D, Off southeast coast of
Hokkaido

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

JAK Akkeshi 1.57 273 P Pn 15 36 58.7 0.0
JAK JRA 1.60 309 P Sn 15 37 17.4 +0.2
JAK JRA 1.60 309 P Sn 15 37 17.4 +0.2

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JKA Kamikawa-asahi, ASAJ Asahikawa, ASAJ Asahikawa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DAV Davao City (W), DAV Davao City (E), DAV Davao City (S), etc.

WEL 13 15:26:32.0, 0.6, 36.82S, 176.34E, h256km, 7km, ML3.6/8,
1C, Error ellipse: s-maj=10.4km s-min=5.8km az=90.0,
Off east coast of North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HAZ The Kaha, HAZ The Kaha, RIGZ Rimuhau, etc.

NIED 13 15:36:00.43, 00N, 146.80E, h47km, Mw3.9 Best double
couple: M66 890000, 1014 NP1=223 000000, 835 000000,
199 000000. NP2=32 000000, 856 000000, 184 000000.
IDC 13 15:36:25.3, 0.7, 42.93N, 147.29E, h0km, mb3.8/10,
mb1 4.0/14, mb1mx3.7/5, mbtmp3.8/14, ML2.5/3, MS2.8/1,
Ms1 2.8/1, ms1mx2.3/35, Error ellipse: s-maj=19.3km
s-min=17.4km az=81.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JMA 13 15:36:33.0, 1.7, 42.96N, 146.77E, h59km, 2km, M4.2,
SKHL 13 15:36:33.0, 0.7, 42.95N, 146.91E, h58km, 5km, mb4.2/2,
ISC 13 15:36:33.1, 0.7, 42.93N, 0.06, 146.84E, 0.07, h47km, 14km,
n66, 0.99871, mb3.9/12, 1C-3D, Off southeast coast of
Hokkaido

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

JAK Akkeshi 1.57 273 P Pn 15 36 58.7 0.0
JAK JRA 1.60 309 P Sn 15 37 17.4 +0.2
JAK JRA 1.60 309 P Sn 15 37 17.4 +0.2

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

ISCBJ 13 16:04:34.0, 4.0, 29.27S, 0.04, 68.03W, 0.03, h117km, 5km,
mb3.6/4, Error ellipse: s-maj=5.9km s-min=4.6km az=12.6
SJA 13 16:04:35.1, 0.4, 29.32S, 67.94W, h18km, 3km, ML4.1,
MV3.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GUC 13 16:04:36.2, 0.5, 29.35S, 68.29W, h149km, 25km, ML4.3,
IDC 13 16:04:36.1, 0.6, 29.40S, 67.83W, h122km, 5km, mb3.4/4,
mb1 3.6/7, mb1mx3.5/18, mbtmp3.7/7, MS1.4/1, Ms1 1.4/1,
ms1mx1.4/14, Error ellipse: s-maj=24.2km s-min=8.9km

ISC 13 16:04:35.4, 0.7, 29.26S, 0.04, 68.02W, 0.04, h117km, 6km,
n28, 1.00042, mb3.6/4, 2C, San Juan Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AACL CERRRO LA CRUZ, AACL PUNTA DE LOS L, APLL APILL, etc.

ISC 13 16:04:35.4, 0.7, 29.26S, 0.04, 68.02W, 0.04, h117km, 6km,
n28, 1.00042, mb3.6/4, 2C, San Juan Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AACL CERRRO LA CRUZ, AACL PUNTA DE LOS L, APLL APILL, etc.

ISC 13 16:04:35.4, 0.7, 29.26S, 0.04, 68.02W, 0.04, h117km, 6km,
n28, 1.00042, mb3.6/4, 2C, San Juan Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AACL CERRRO LA CRUZ, AACL PUNTA DE LOS L, APLL APILL, etc.

ISC 13 16:04:35.4, 0.7, 29.26S, 0.04, 68.02W, 0.04, h117km, 6km,
n28, 1.00042, mb3.6/4, 2C, San Juan Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AACL CERRRO LA CRUZ, AACL PUNTA DE LOS L, APLL APILL, etc.

ISC 13 16:04:35.4, 0.7, 29.26S, 0.04, 68.02W, 0.04, h117km, 6km,
n28, 1.00042, mb3.6/4, 2C, San Juan Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AACL CERRRO LA CRUZ, AACL PUNTA DE LOS L, APLL APILL, etc.

ISC 13 16:04:35.4, 0.7, 29.26S, 0.04, 68.02W, 0.04, h117km, 6km,
n28, 1.00042, mb3.6/4, 2C, San Juan Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AACL CERRRO LA CRUZ, AACL PUNTA DE LOS L, APLL APILL, etc.

ISC 13 16:04:35.4, 0.7, 29.26S, 0.04, 68.02W, 0.04, h117km, 6km,
n28, 1.00042, mb3.6/4, 2C, San Juan Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AACL CERRRO LA CRUZ, AACL PUNTA DE LOS L, APLL APILL, etc.

Table with columns: Station Name, Azimuth, Altitude, Phase, ID, Time, Res. Includes stations like VVDA, YAK, SBA, GUN, PKI, etc.

Table with columns: Station Name, Azimuth, Altitude, Phase, ID, Time, Res. Includes stations like H07N1, BDT, MORG, etc.

Table with columns: Station Name, Azimuth, Altitude, Phase, ID, Time, Res. Includes stations like KTR, JOD2, JYN, etc.

ISCJB 13 18:44:20.5, 0.9, 37.2N; 0.1, 32.7W; 0.2, h10km, mb3.97, MS3.4/1, Error ellipse: s-maj=18.8km s-min=15.2km

Code Station Name Az Alt Phase ID Time Res. Includes codes like BSO1, BSO2, etc.

Code Station Name Az Alt Phase ID Time Res. Includes codes like BSO1, BSO2, etc.

KSRS	comp=Z,186um,20.8s,baz=158,slow=33	LR	LR	21 34 54.8	
KSRS	comp=Z,1.1nm,0.8s,baz=153,slow=0.5,SNR=3.0	PKIKP	PKIKP	21 36 10.1 -5.1	
KSRS	comp=Z,1.2nm,0.8s,baz=331,slow=2.6,SNR=5.5			21 57 51.3	
KSAR	Wonju Array Be	27.71 336	P	P	21 25 21.8 0.0
KSAR					21 28 36.3
KSAR	Wonju Array Be	27.71 336	P	P	21 36 10.1
KSAR					21 25 21.8 0.0
KSAR					21 28 36.3 -2.2
KSAR					21 36 10.1 -5.1
KSAR					21 57 51.3
KSJM	Jumunjin	27.77 338	P	P	21 25 22.4 +0.1
KAMI	Kappang	27.78 233	P	P	21 25 21.1 -1.6
KAMI	comp=Z,131nm,1.1s,baz=65,slow=5.2,SNR=22				21 25 23.6 +1.0
KAMI	Kappang	27.78 233	P	P	21 25 20.4 -2.3
KAMI	comp=Z,7.1um,1.5s,SNR=16				21 25 20.4 -2.3
KAPP	Kappang	27.78 233	eP	P	21 25 20.4 -2.3
KAPP	comp=Z,533nm,1.4s				21 25 23.0 -0.3
HKC	Hong Kong Obse	27.86 294	i/P	P	21 25 23.3 +1.5
KSSWO	Suwon	27.94 335	P	P	21 25 26.6 +2.5
BSSI	Bau Bau, Buton	27.94 330	P	P	21 25 25.3 +0.8
SOEI	Soe	27.98 219	P	P	21 25 22.6 -1.9
SOEI	comp=Z,529nm,2.1s,comp=Z,27.1um,comp=Z,1.76um				21 25 22.6 -1.9
SOEI	Soe	27.98 219	eP	P	
SOEI	comp=Z,997nm,1.3s				
BKB	Baikpapan	28.03 243	P	P	21 25 32.6 +7.7
KSCHO	Chuncheon	28.03 336	P	P	21 25 25.2 +0.5
KSJJA	INJE	28.10 337	P	P	21 25 27.6 +2.4
KSSEO	Seoul	28.15 335	P	P	21 25 27.1 +1.5
KSSKC	Sokcho	28.21 338	P	P	21 25 27.2 +1.0
INCN	Inchon	28.26 334	eP	P	21 25 25.2 -1.5
HNR	Honiaru	28.41 139	LR	LR	21 27 44.0
HNR	Honiaru	28.41 139	eP	P	21 25 28.4 +0.2
HNR	Honiaru	28.41 139	eP	P	21 25 28.4 +0.2
HNR	Honiaru	28.41 139	eP	P	21 25 29.3 +0.8
MMRI	Maumere	28.44 223	P	P	21 25 25.8 -2.7
MMRI	Maumere	28.44 223	eP	P	
MMRI	Maumere	28.44 223	eP	P	
MMRI	Maumere	28.44 223	eP	P	
KSDCC	Dongducheon	28.44 335	P	P	21 25 29.8 +1.6
KSGAH	Ganghwa	28.53 334	P	P	21 25 29.7 +0.6
NJ2	Nanjing	28.55 317	eP	P	21 25 28.8 -0.5
NJ2					21 25 33.3 -1.0
NJ2					21 25 36.6 +0.2
NJ2					21 30 16.5 -0.2
NJ2					21 30 24.5 -0.5
NJ2					21 32 22.5 -0.7
NJ2	comp=Z,60nm,0.9s				
NJ2	comp=Z,10um,5.0s				
NJ2	comp=Z,168um,21.2s				
NJ2	comp=Z,195um,21.2s				
NJ2	comp=Z,191um,24.0s				
KSMUS	Musan	28.55 335	P	P	21 25 30.1 +0.8
YNCB	YEONCHEON	28.61 335	P	P	21 25 32.1 +2.2
GZH	Guangzhou	28.81 295	i/P	P	21 25 29.1 -2.7
GZH					21 25 35.6 -3.3
GZH					21 30 17.8 -3.3
GZH	comp=Z,139um,17.8s				
ERM	Ermo	29.46	2ceP	P	21 25 36.3 -1.0
ERM	comp=Z,192nm,2.5s				
ERM	Ermo	29.46	2ceP	P	21 25 39.8 +2.5
ERM	comp=Z,724nm,1.0s,SNR=9.1				21 25 36.8 -0.5
ERM	Ermo	29.46	2ceP	P	
ERM	comp=Z,298nm,1.2s				
KSBAR	Backryungdo	29.51 332	P	P	21 25 39.2 +1.4
BTM	Bintulu	29.65 254	i/P	P	21 25 39.5 +0.2
WSI	Waingapu	30.50 225	P	P	21 25 58.8 +1.2
SBUM	Sibu	30.71 253	i/P	P	21 25 49.1 +0.4
SBUM	Sibu	30.71 253	eP	P	21 25 47.3 -1.4
SBUM	comp=Z,401nm,1.4s				
WHN	Wuhan	30.92 310	P	P	21 25 50.6 +0.3
WHN	Wuhan	30.92 310	P	P	21 30 55.8 +1.7
WHN	comp=Z,22um,8.1s				
WHN	comp=Z,306um,15.4s				
WHN	comp=Z,148um,12.8s				
WHN	comp=Z,939um,30.5s				
QIZ	Qiongzong	31.18 286	P	P	21 25 52.3 -0.5
QIZ					21 30 59.6 +1.1
QIZ	comp=Z,10um,7.6s				
QIZ	comp=Z,99um,25.0s				
QIZ	comp=Z,231um,26.4s				
QIZ	Qiongzong	31.18 286	eP	P	21 25 53.4 +0.5
QIZ	comp=Z,3um,2.6s				
ASAJ	Asahikawa	31.54	1	S	21 30 58.2 -5.3
ASAJ	Asahikawa	31.54	1	S	21 37 59.8
ASAJ	Asahikawa	31.54	1	S	21 25 53.6 -2.1
ASAJ	Asahikawa	31.54	1	S	21 30 58.2 -5.3
ASAJ	Vladivostok	31.66 346	i/P	P	21 25 55.7 -1.0
VLA					21 26 59.8
VLA					21 28 46.8
VLA					21 31 06.3 +0.9
YUK	Yuzh-Kuril'sk	31.67	6d/P	P	21 25 52.3 -4.4
YUK					21 27 18.2
YUK					21 31 13.0 +7.6
YUK					21 32 50.6 -1.5
YUK	comp=Z,15um,8.6s				
YUK	comp=N,567nm,1.4s				
YUK	comp=E,608nm,1.4s				
YUK	comp=Z,770nm,1.4s				
YUK	comp=N,80um,22.0s				
YUK	comp=Z,126um,22.0s				
YUK	comp=E,39um,21.0s				
DL2	Dalian	31.72 330	P	P	21 25 56.8 -0.5
DL2					21 31 04.3 -2.1
DL2	comp=E,12um,7.1s				
DL2	comp=E,56um,19.0s				

DL2	comp=E,46um,21.9s	LE			
DL2					
STKI	Sintang	32.29 250	P	P	21 26 03.0 +0.4
TIA	Tai'an	32.29 321	i/P	P	21 26 01.9 -0.5
TIA					
TIA	comp=E,180nm,1.9s				
TIA	comp=E,41um,12.0s				
TIA	comp=E,90um,27.0s				
TIA	comp=E,148um,22.0s				
DLV	T. Lat	32.32 279	eP	P	21 26 02.6 -0.4
USRK	Ussuriysk Ar.	32.67 347	P	P	21 26 04.7 -0.9
USRK	comp=E,55nm,1.0s,baz=169,slow=8.0,SNR=26				21 31 30.3 +9.3
USRK	comp=E,0.4nm,0.3s,baz=176,slow=26,SNR=2.8				21 36 58.2
CTA	Charters Tower	32.69 172	P	P	21 26 06.0 0.0
CTA	comp=Z,84nm,1.0s,baz=348,slow=10,SNR=32				21 31 22.2 +0.4
CTA	comp=E,4.9nm,0.9s,baz=14,slow=19,SNR=1.8				21 38 17.5
CTAO	Charters Tower	32.69 172	eP	P	21 26 04.9 -1.1
CTAO	comp=Z,3um,2.1s				
CTAO	comp=Z,4.48um,22.0s				
CTAO	Charters Tower	32.69 172	eP	P	21 26 04.9 -1.1
CTAO	comp=Z,3um,2.1s				
KSM	Kuching	32.84 253	i/P	P	21 26 07.0 -0.4
KSM	Kuching	32.84 253	eP	P	21 26 05.0 -2.4
KSM	comp=Z,416nm,1.4s				
WRAB	Tennant Creek	32.98 193	i/P	P	21 26 07.4 -1.1
WRAB	comp=Z,3um,1.2s				
WRAB	comp=Z,214um,18.0s				
WRAB	Tennant Creek	32.98 193	P	P	21 26 07.3 -1.2
WRAB	Tennant Creek	32.98 193	eP	P	21 26 06.7 -1.8
WRAB	Tennant Creek	32.98 193	eP	P	
TARA	Tarawa	32.98 107	eP	P	21 26 10.5 +1.8
TARA	comp=Z,401um,22.0s				
TARA	comp=Z,2um,1.4s				
WRA	Warramunga Arr	32.99 193	P	P	21 26 07.8 -0.8
WRA	comp=Z,131nm,0.8s,baz=13,slow=9.5,SNR=182				21 31 29.0 +2.5
WRA	comp=Z,9.3nm,1.2s,baz=14,slow=8.2,SNR=3.5				21 40 05.8
KUR	Kuril'sk	33.09	8d/P	P	21 26 10.5 +1.3
KUR					21 27 22.8
KUR					21 28 53.4
KUR					21 33 32.6 -1.8
KUR	comp=Z,15um,7.2s				
KUR	comp=N,252nm,1.7s				
KUR	comp=E,651nm,1.7s				
KUR	comp=Z,547nm,1.7s				
KUR	comp=N,69um,21.0s				
KUR	comp=E,73um,21.0s				
KUR	comp=Z,78um,21.0s				
SNY	Shenyang	33.19 335	i/P	P	21 26 09.8 -0.3
SNY					21 27 24.3 -1.0
SNY					21 31 19.9 -9.2
SNY	comp=Z,230nm,2.5s				
SNY	comp=Z,39um,12.0s				
SNY	comp=Z,204um,23.5s				
SNY	comp=Z,175um,24.0s				
SRBI	Singaraja	33.21 233	P	P	21 26 17.2 +6.6
SRBI	comp=Z,58nm,1.1s,comp=Z,16um,comp=Z,67um				
PBKI	Pangkalan Bun	33.30 245	P	P	21 26 13.4 +1.9
DNP	Denpasar	33.58 233	P	P	21 26 20.9 +7.1
KMMI	Kaliapar	33.60 236	P	P	21 26 21.1 +7.1
MDJ	Mudanjiang	33.63 344	P	P	21 26 14.6 +0.6
MDJ					21 26 21.3 +0.2
MDJ					21 27 30.6 +0.4
MDJ	comp=Z,266um,32.6s				
MDJ	comp=Z,121um,32.6s				
MDJ	comp=Z,402um,28.9s				
MDJ	Mudanjiang	33.63 344	eP	P	21 26 17.9 +3.9
MDJ	comp=Z,599nm,1.9s				
IGBI	Denpasar	33.71 232	P	P	21 26 16.1 +1.1
ABJI	Asem Bagus	33.81 235	P	P	21 26 21.8 +5.9
CN2	Changchun	34.16 339	eP	P	21 26 19.8 +1.2
CN2					21 26 24.3 +0.6
CN2					21 26 26.6 +0.9
CN2					21 31 45.3 +1.0
CN2					21 33 55.3 +2.6
JAGI	Jajag, Banyuw	34.28 234	P	P	21 26 19.8 -0.1
JAGI	Jajag, Banyuw	34.28 234	eP	P	21 26 17.8 -2.1
JAGI	Jajag, Banyuw	34.28 234	eP	P	
BLJI	Banyuw	34.30 236	P	P	21 26 22.0 +1.9
YSS	Yuzh-Sakhalins	34.38	1	eP	21 26 20.0 -0.4
YSS					21 27 34.0
YSS					21 31 50.0 +2.5
YSS	comp=Z,180nm,1.3s				
YSS	comp=N,21um,10.0s				
YSS	comp=E,3um,10.0s				
YSS	comp=Z,26um,10.0s				
YSS	comp=N,63um,15.0s				
YSS	comp=Z,200um,17.0s				
YSS	comp=N,175um,19.0s				
YSS	Yuzh-Sakhalins	34.38	1	eP	21 26 22.1 +1.7
ENH	Enshi	34.55 306	eP	P	21 26 23.8 +1.6
ENH	comp=Z,92um,18.0s				
ENH	comp=Z,2um,2.4s				
GRJI	Gresik	34.74 238	P	P	21 26 27.7 +3.8
TBJJ	Tambakoyo	35.21 309	P	P	21 26 33.7 +5.7
BJT	Bajituatu	35.41 325	eP	P	21 26 29.5 +0.1
BJT					

BJT	comp=Z,9um,2.8s	MLR	MLR		
BJT	Bajituatu	35.41 325	eP	P	21 26 29.5 +0.1
BJT	comp=Z,9um,2.8s				
BJI	Beijing	35.42 325	P	P	21 26 28.8 -0.7
BJI					21 27 51.0 +1.0
BJI					21 31 59.8 -3.9
BJI	comp=Z,404um,22.0s				
BJI					
BJI	comp=Z,29um,12.3s				
BJI	comp=Z,242um,26.6s				
BJI	comp=Z,180um,25.2s				
BJI	comp=Z,516um,34.2s				
GUY	Guiyang	35.59 298	i/P	P	21 26 32.1 +0.8
GUY					21 27 51.6 -0.6
GUY					21 29 01.3 +1.1
GUY					21 32 08.8 +1.9
GUY					21 32 45.6 -0.1
GUY					21 34 23.0 -4.9
GUY					21 36 49.5 -1.2
GUY	comp=Z,350nm,1.2s				
GUY	comp=Z,28um,10.3s				
GUY	comp=Z,130um,22.4s				
GUY	comp=Z,112um,23.3s				
GUY	comp=Z,168um,23.6s				
NGJI	Ngawi	35.83 238	P	P	21 26 36.4 +3.1
PWJI	Pagerwojo	35.91 237	P	P	21 26 33.5 -

Table with columns: CISI, Cismopet, Garu, 39.00 241 eP, P, 21 26 57.2 -3.1, CISI, comp=Z,31um,22.0s, 39.16 277 P, P, 21 27 03.2 +1.7, LOEI, Loei, 39.19 282 P, P, 21 26 59.6 -2.3, KGM, Kluang, 39.27 258 P, P, 21 27 03.6 +1.1, CD2, Chengdu, 39.38 304 P, P, 21 27 04.6 -3.8, CD2, comp=Z,710nm,1.7s, 21 27 05.9 -4.6, CD2, 21 28 32.6 -1.1, CD2, 21 29 10.5 -1.1, CD2, 21 30 00.4 -1.2, CD2, 21 33 05.0 +0.7, CD2, comp=Z,39um,11.6s, 21 28 42.0, CD2, comp=Z,147um,18.0s, 21 27 02.8 -0.5, BTO, Baotou, 39.38 321 eP, P, 21 27 02.8 -0.5, PBKT, Sadao Pong, 39.46 281 P, P, 21 27 05.1 +1.1, CNJI, Cibinone, 39.47 242 P, P, 21 27 04.7 +0.6, PATY, Patiya, 39.67 275 P, P, 21 27 09.5 +3.6, MBWA, Marble Bar, 39.71 213 eP, P, 21 27 02.9 -3.1, MBWA, comp=Z,36nm,1.0s, 21 27 05.1 +1.1, SBJI, Serang, 39.77 244 P, P, 21 27 11.7 +5.0, UTTA, Utaradit, 39.88 283 P, P, 21 27 08.8 +1.3, SKR, Severo-Kuril's, 39.92 14 eP, P, 21 27 07.5 +0.1, SKR, 21 28 42.0, SKR, 21 33 10.0 -1.6, SKR, 21 35 59.0, SKR, 21 37 04.0, SKR, comp=E,210nm,1.0s, pmax pmax, SKR, comp=Z,310nm,1.0s, pmax pmax, SKR, comp=N,800nm,1.4s, pmax pmax, SKR, comp=N,33um,15.0s, pmax pmax, SKR, comp=E,21um,14.0s, pmax pmax, SKR, comp=Z,40um,14.0s, pmax pmax, SKR, comp=N,235um,18.0s, smax smax, SKR, comp=E,118um,18.0s, MLR MLR, SKR, comp=E,47um,18.0s, MLR MLR, SKR, comp=Z,146um,18.0s, MLR MLR, CRAI, Chiangrai, 40.18 287 P, P, 21 27 07.9 -2.2, BLSI, comp=N,250nm,3.2s,comp=N,17um, 21 27 11.5 +1.1, KLI, Kotabumi, 40.34 247 P, P, 21 27 13.9 +2.5, CGJI, comp=N,322nm,1.4s,comp=N,11um, 21 27 10.8 -1.0, FRIM, Keping, 40.56 260 P, P, 21 27 13.5 +0.3, NKAL, Nikolayevsk, 40.58 359 eP, P, 21 27 11.0 -1.8, NKAL, comp=N,280nm,1.0s, pmax pmax, NKAL, comp=Z,520nm,1.0s, pmax pmax, LAMP, Lampang, 40.78 284 P, P, 21 27 16.5 +1.5, MDSI, Maura Dua, 40.80 248 P, P, 21 27 14.8 -0.4, IPM, Ipo, 40.83 262 P, P, 21 27 15.3 -0.1, IPM, Ipo, 40.83 262 P, P, 21 27 14.3 -1.2, HIA, Hailar, 40.88 338 eP, P, 21 27 15.7 +0.3, HIA, comp=Z,718nm,1.8s, MLR MLR, HIA, comp=Z,285um,20.0s, 40.88 338 eP, P, 21 27 15.7 +0.3, HIA, comp=Z,718nm,1.8s, LR LR, PHET, Kaeng Krachan, 40.88 275 P, P, 21 27 18.7 +2.8, KASI, Kota Agung, 40.95 246 P, P, 21 27 23.4 +6.9, KULM, Kulim, 41.00 264 P, P, 21 27 17.7 +0.7, KULM, Kulim, 41.00 264 eP, P, 21 27 16.6 -0.3, LHSI, Lahat, 41.12 249 P, P, 21 27 19.3 +1.4, LWLI, Liwa, 41.13 247 P, P, 21 27 24.1 +6.1, LZH, Lanzhou, 41.27 311 P, P, 21 27 19.8 +0.8, LZH, 21 27 23.4 -0.7, LZH, 21 27 25.0 -1.2, LZH, 21 28 58.1 -0.8, LZH, 21 33 33.1 +0.5, LZH, 21 33 39.5 -1.5, LZH, 21 36 30.6 -5.5, LZH, comp=Z,700nm,1.0s, PMZ, LZH, comp=Z,14um,7.4s, LN, LZH, comp=Z,76um,14.1s, LE, LZH, comp=Z,118um,14.9s, LZ, SRDT, 41.28 278 P, P, 21 27 20.7 +1.5, SURA, Surathani, 41.29 270 P, P, 21 27 20.7 +1.5, MIDW, Midway, 41.34 61 eP, P, 21 27 15.9 -3.6, MIDW, 21 27 21.2 -5.4, SRIT, Nakonsritamara, 41.40 269 P, P, 21 27 21.1 +0.9, CMAI, Chiengmai2, 41.41 266 P, P, 21 27 21.8 +1.4, CMAR, Chiang Mai Arr, 41.43 284 P, P, 21 27 21.3 +0.9, CMAR, 21 44 17.3, TRTT, Trang, 41.44 268 P, P, 21 27 21.3 +0.8, CMMT, Chiang Mai, 41.44 284 P, P, 21 27 21.1 +0.6, CHTO, Chiang Mai, 41.44 284 P, P, 21 27 21.1 +0.6, CHTO, Chiang Mai, 41.44 284 eP, P, 21 27 20.8 +0.3, CHTO, comp=Z,1um,1.9s, MLR MLR, CHTO, comp=Z,66um,21.0s, 41.44 284 eP, P, 21 27 20.8 +0.3, CHTO, comp=Z,1um,1.9s, LR LR, UMPA, Umpang Tak, 41.48 280 P, P, 21 27 23.1 +2.2, MNAI, Hanna, 41.85 249 eP, P, 21 27 22.4 -1.5, KRAB, Krabi, 41.86 268 P, P, 21 27 25.0 +1.1

Table with columns: KSI, comp=Z,335nm,1.0s,comp=Z,4um, 41.90 250 P, P, 21 27 27.6 +3.2, BKNI, Kapahiang, 41.90 250 P, P, 21 27 26.8 +2.0, BKNI, Bangkok, 41.96 256 P, P, 21 27 25.2 +0.5, BKNI, Bangkinang, 41.96 256 eP, P, 21 27 25.2 +0.5, BKNI, comp=Z,39um,21.0s, LR LR, DZM, Mont Dzumac, 42.12 144 P, P, 21 27 25.9 -0.2, DZM, comp=Z,22nm,0.5s,baz=2.2,slow=5.9,SNR=28, LR LR, MHMT, 42.38 283 P, P, 21 27 29.6 +1.4, PETK, Petropavlovsk, 42.53 14 P, P, 21 27 28.2 -0.7, PETK, comp=Z,29nm,1.1s,baz=192,slow=5.2,SNR=8.1, P, P, 21 29 19.3 -2.0, PETK, comp=Z,29nm,1.1s,baz=192,slow=5.2,SNR=8.1, LR LR, PET, Petropavlovsk, 42.70 15 P, P, 21 27 30.8 +0.6, PET, 21 29 08.3, PET, 21 29 23.2, PET, 21 33 50.4 -2.4, PET, 21 36 57.6 -5.9, PET, comp=Z,83nm,1.1s, pmax pmax, PET, comp=Z,47um,10.1s, pmax pmax, PET, comp=Z,40um,14.2s, pmax pmax, PET, comp=Z,12um,14.8s, pmax pmax, PET, comp=Z,13um,15.6s, smax smax, PET, comp=E,99um,20.7s, smax smax, PET, comp=E,71um,14.1s, smax smax, PET, comp=N,250um,19.9s, smax smax, PET, comp=N,173um,18.7s, MLR MLR, PET, comp=Z,102um,19.0s, MLR MLR, PET, comp=Z,81um,18.0s, 42.70 15 eP, P, 21 27 32.4 +2.2, PET, comp=Z,2um,2.2s, LR LR, PKDT, Phuket, 42.75 268 P, P, 21 27 32.7 +1.5, PPI, Padang Panjang, 42.81 256 P, P, 21 27 32.7 +1.0, MNSI, Mandailing Nat, 43.20 258 P, P, 21 27 35.9 +1.0, PSI, Prapat, 43.27 261 eP, P, 21 27 35.3 -0.3, PSI, comp=Z,7um,2.5s, MLR MLR, PSI, Prapat, 43.27 261 eP, P, 21 27 35.3 -0.3, PSI, comp=Z,7um,2.5s, LR LR, TSI, Tuntungan, 43.44 262 P, P, 21 27 39.9 +3.1, ARMA, Armidale, 43.73 167 eP, P, 21 27 39.6 +0.7, ARMA, comp=Z,148um,22.0s, LR LR, STKA, Stephens Creek, 44.10 180 P, P, 21 27 40.2 -1.5, STKA, comp=Z,2.2nm,0.4s,baz=3.6,slow=5.8,SNR=31, S, S, 21 34 10.3 -3.5, STKA, comp=Z,5.9nm,1.0s,baz=9.5,slow=18,SNR=2.3, LR LR, STKA, comp=Z,266um,18.7s,baz=1.2,slow=36, P, P, 21 27 40.3 -1.5, STKA, Stephens Creek, 44.10 180 P, P, 21 34 10.3 -3.5, STKA, comp=Z,22nm,0.4s, smax smax, STKA, comp=N,6.0nm,1.0s, MLR MLR, STKA, comp=Z,266um,18.7s, 44.10 180 eP, P, 21 27 40.5 -1.3, STKA, comp=Z,182nm,1.6s, S, S, 21 34 10.3 -3.5, SISI, Kotacane, Aceh, 44.21 262 P, P, 21 27 43.0 0.0, SISI, Saibi, 44.33 255 P, P, 21 27 47.8 +3.8, LHMI, Lhok Sumawe, 44.62 265 P, P, 21 27 48.9 +2.7, LHMI, Lhok Sumawe, 44.62 265 eP, P, 21 27 47.2 +1.0, FORT, Forrest, 44.92 197 eP, P, 21 27 47.2 -1.2, GSI, Gunungsitoli, 44.98 259 P, P, 21 27 50.6 +1.5, GSI, Gunungsitoli, 44.98 259 eP, P, 21 27 48.5 -0.6, BBOO, Buckleboo, 45.34 187 eP, P, 21 27 51.9 +0.3, CIT, Chita, 45.45 336 eP, P, 21 27 53.4 +1.0, CIT, 21 29 41.3, CIT, 21 34 42.4, ULN, Ulaanbaatar, 45.52 328 eP, P, 21 27 52.7 -0.5, ULN, comp=Z,351nm,1.2s, MLR MLR, ULN, comp=Z,147um,20.0s, 45.52 328 eP, P, 21 27 52.7 -0.5, ULN, comp=Z,351nm,1.2s, LR LR, GTA, Gaotai, 45.55 314 P, P, 21 27 53.6 +0.1, GTA, 21 27 57.6 -1.1, GTA, 21 28 00.4 -0.3, GTA, 21 29 35.1 +3.0, GTA, 21 29 40.5 +0.3, GTA, 21 33 24.6 -1.6, GTA, 21 34 35.8 +0.5, GTA, 21 34 44.6 +0.8, GTA, 21 37 47.1 -2.6, GTA, 21 37 52.4 -6.7, GTA, comp=Z,70nm,1.7s, PMZ, GTA, comp=Z,2um,6.2s, LN, GTA, comp=Z,130um,22.8s, LE, GTA, comp=Z,122um,21.9s, LZ, SONM, Songino Array, 45.85 327 P, P, 21 27 55.9 +0.2, SONM, comp=Z,92nm,1.0s,baz=139,slow=7.9,SNR=43, LR LR, SONM, comp=Z,34nm,1.0s,baz=136,slow=6.0,SNR=1.8, LR LR, SONM, comp=Z,120um,22.0s,baz=138,slow=35, P, P, 21 27 57.3 -0.1, CLNS, Chul'man, 46.09 347 eP, P, 21 27 57.3 +0.1, CLNS, 21 28 07.7 +4.5, CLNS, 21 29 32.8, CLNS, 21 29 43.6, CLNS, comp=Z,236nm,1.3s, pmax pmax, CLNS, comp=Z,107nm,1.1s, MLR MLR, MSVF, Nonsavu, 46.89 129 P, P, 21 28 07.3 +3.1, CMBY, CAMPBELL Bay, 47.21 268 eP, P, 21 28 06.9 +0.1, CMBY, comp=Z,975nm,1.8s, 47.36 276 eP, P, 21 28 07.0 -0.9, MA2, Magadan, 47.51 6 P, P, 21 28 12.7 +4.3

Table with columns: PBA, Port Blair, 47.69 274 eP, P, 21 28 10.0 -0.4, SMY, Shemya, 47.85 26 eP, P, 21 28 13.5 +2.4, SMY, comp=Z,1um,1.3s, MLR MLR, SMY, comp=Z,239um,22.0s, 47.85 26 eP, P, 21 28 13.5 +2.4, SMY, comp=Z,1um,1.3s, LR LR, CAN, Canberra, 48.05 172 eP, P, 21 28 13.4 +0.5, CAN, comp=Z,707nm,1.7s, 48.05 172 eP, P, 21 28 13.4 +0.5, SHL, Shilling, 48.48 293 P, P, 21 28 16.0 -0.6, SHL, 21 35 16.0 -1.5, KNTN, Kanton, 48.81 105 eP, P, 21 28 19.5 +0.3, KNTN, comp=Z,1um,1.2s, LR LR, ZAK, Zakamensk, 49.03 328 eP, P, 21 28 20.3 -0.1, ZAK, 21 35 23.5, ZAK, comp=Z,809nm,1.6s, 49.36 30 eP, P, 21 28 22.4 -0.3, AMKA, Amchitka, 49.36 30 eP, P, 21 28 22.4 -0.3, TLY, Talaya, 49.63 330 LR, LR, 21 28 25.3 +0.4, TLY, Talaya, 49.63 330 eP, P, 21 30 23.3, TLY, 21 35 30.3 +0.3, TLY, comp=Z,754nm,2.4s, MLR MLR, TLY, comp=Z,245um,22.0s, 49.63 330 P, P, 21 28 25.1 +0.2, TLY, comp=Z,624nm,1.3s,SNR=34, 49.63 330 eP, P, 21 28 25.9 +1.0, LSA, Lhasa, 49.66 298 P, P, 21 28 26.9 +0.9, LSA, comp=Z,68um,27.0s, LZ, LSA, comp=Z,100um,26.5s, 49.66 298 eP, P, 21 28 26.8 +0.8, LSA, comp=Z,4um,2.8s, MLR MLR, LSA, comp=Z,70um,19.0s, 49.66 298 eP, P, 21 28 26.8 +0.8, LSA, comp=Z,70um,19.0s, 49.68 331 eP, P, 21 28 26.5 +1.3, IRK, Irkutsk, 49.68 331 eP, P, 21 30 23.8, IRK, 21 35 36.8 +3.5, IRK, 21 35 36.8 +3.5, BOD, Bodaibo, 49.86 341 eP, P, 21 28 25.6 -0.8, BOD, comp=Z,264nm,2.1s, 50.22 353 P, P, 21 28 28.3 -0.7, YAK, Yakutsk, 50.22 353 P, P, 21 28 28.3 -0.7, YAK, comp=Z,42nm,0.7s,baz=342,slow=21,SNR=51, LR LR, 21 48 04.5, YAK, comp=Z,217um,21.4s,baz=156,slow=34, 50.22 353 P, P, 21 28 27.9 -1.2, YAK, 21 28 36.7 +2.4, YAK, 21 29 22.0, YAK, 21 30 22.6, YAK, 21 35 40.9 +0.5, YAK, 21 36 00.5 +1.2, YAK, 21 38 11.6, comp=E,55nm,1.0s, pmax pmax, YAK, comp=Z,727nm,1.0s, pmax pmax, YAK, comp=N,290nm,1.1s, pmax pmax, YAK, comp=Z,11um,7.8s, pmax pmax, YAK, comp=N,9um,7.7s, pmax pmax, YAK, comp=E,3um,7.8s, smax smax, YAK, comp=N,57um,12.6s, smax smax, YAK, comp=E,17um,13.4s, 50.22 353 eP, P, 21 28 28.1 -0.9, YAK, comp=E,1um,1.0s, 50.77 207 P, P, 21 28 34.9 +1.2, NWAO, Narrogin (SRO), 50.77 207 P, P, 21 28 34.9 +1.2, MOY, Mondy, 50.95 329 eP, P, 21 28 35.0 0.0, MOY, 21 28 35.0 0.0, SEY, Seymchan, 50.97 6 P, P, 21 28 34.5 -0.3, SEY, 21 48 56.1, SEY, comp=Z,101um,20.3s,baz=184,slow=35, 50.97 6 eP, P, 21 28 34.2 -0.6, GSTR, Great Sitkin T, 52.12 32 eP, P, 21 28 44.7 +1.1, TAPN, Taplejung, 52.37 295 eP, P, 21 28 46.1 -0.2, ODAN, Odare, 52.61 294 eP, P, 21 28 47.5 -0.5, ATKA, Atka Island, 53.15 32 eP, P, 21 28 49.8 -1.3, ATKA, comp=Z,1um,2.0s, LR LR, AFI, Afiamalu, 53.16 118 P, P, 21 28 51.0 -0.8, AFI, comp=Z,84nm,1.0s,baz=273,slow=17,SNR=1.5, LR LR, 21 48 51.7, AFI, Afiamalu, 53.16 118 P, P, 21 28 51.0 -0.8, AFI, comp=Z,84nm,1.0s, MLR MLR, AFI, comp=Z,62um,19.5s, 53.16 118 eP, P, 21 28 55.6 +3.7, AFI, Afiamalu, 53.16 118 eP, P, 21 28 52.7 -0.5, RAMN, Ramite, 53.32 294 eP, P, 21 28 52.7 -0.5, BOK, Bokaro, 53.80 290 eP, P, 21 28 57.1 +0.6, GUN, Gumba, 54.04 295 eP, P, 21 28 58.1 -0.5, PKI, Pulchoki, 54.44 295 eP, P, 21 29 01.2 -0.2, PKIN, Kakani, 54.56 295 eP, P, 21 29 01.7 -0.5, HVS, Khovu-Aksy, 54.58 325 eP, P, 21 29 02.6 +0.8, HVS, comp=Z,40nm,0.5s, MLR MLR, HVS, comp=Z,41um,20.0s, 54.70 295 eP, P, 21 29 03.0 -0.3, DMN, Daman, 54.70 295 eP, P, 21 29 03.0 -0.3, DMN, Gorkha, 54.74 295 eP, P, 21 29 05.0 -0.8, TAU, Tasmania Univ, 55.36 175 eP, P, 21 29 09.2 +1.9, TAU, comp=Z,369nm,1.3s, MLR MLR, TAU, comp=Z,229um,20.0s, 55.36 175 P, P, 21 29 10.9 +3.6, TAU, Tasmania Univ, 55.36 175 eP, P, 21 29 09.2 +1.9, TAU, comp=Z,369nm,1.3s, LR LR, CHLP, Challavanipta, 55.55 284 eP, P, 21 29 09.8 +0.6, CHLP, comp=Z,3um,1.9s, IAMB IAMB, 21 29 23.0, CHLP, 21 36 55.5 +1.0, CHLP, 21 47 42.8, WMQ, Urumqi, 55.60 315 P, P, 21 29 09.8 +0.5, WMQ, 21 30 10.6 +1.7, WMQ, 21 31 18.5 +5.0, WMQ, 21 34 08.1 -1.0, WMQ, 21 36 54.9 +0.3, WMQ, 21 40 39.8 0.0, WMQ, comp=Z,730nm,1.4s, PMZ, WMQ, comp=Z,44um,9.2s, LN, WMQ, comp=Z,71um,18.5s, LE

Table with columns: STEI, IAMB, IAMB, 21 32 38.9, etc. Rows include stations like DYBB, GRAC, KELT, DECC, etc.

Table with columns: PFO, PFO, PFO, PFO, PFO, etc. Rows include stations like Pinyon Flat Ob, Pinyon Flat Ob, Pinyon Flat Ob, etc.

Table with columns: AKASG, AKASG, AKASG, AKASG, AKASG, etc. Rows include stations like Malin Array Be, Hardware Ranch, Kieff, etc.

R35A	baz=106	Emporia Municipi	106.10	44	Pdiff	Pdiff	21 33 45.5	-0.6
U34A	baz=106	Anderson Ranch	106.12	46	Pdiff	Pdiff	21 33 45.6	-0.6
U34A	baz=106	Anderson Ranch	106.12	46	ePKP	PKIKP	21 33 45.7	-0.6
530A	comp=Z,27um,18.0s	J-C Ranch, Com	106.15	53	Pdiff	Pdiff	21 33 46.9	+0.3
231A	baz=106	Bronte	106.17	51	Pdiff	Pdiff	21 33 44.0	-2.6
Z32A	baz=106	Haskell	106.18	50	Pdiff	Pdiff	21 33 45.7	-0.9
MEM	baz=106	Membach	106.19	332	e	Pdiff	21 33 46.9	+0.7
MEM	baz=106	Membach	106.19	332	e	Pdiff	21 33 47.4	+1.2
MEM	baz=106	Membach	106.19	332	e	MLR	21 38 16.6	
MEM	comp=Z,78um,22.0s	Membach	106.19	332	ePdiff	Pdiff	21 33 47.4	+1.2
MEM	baz=106	Membach	106.19	332	ePP	PP	21 38 16.6	+7.1
BEBN	comp=Z,78um,22.0s	Eben Emael	106.21	333	P	Pdiff	21 33 48.2	+2.0
EKA	comp=Z,5.3nm,0.9s, baz=18,slow=2.8,SNR=3.6	Eskdalemuir Ar	106.23	340	PP	PP	21 38 06.5	-3.0
ESK	baz=106	Eskdalemuir	106.26	340	e	Pdiff	21 33 38.8	-7.6
ESK	baz=106	Eskdalemuir	106.26	340	e	AMS	21 38 03.5	
ESK	baz=106	Eskdalemuir	106.26	340	e	AMS	22 18 30.5	
ESK	comp=Z,63um,27.3s	Eskdalemuir	106.26	340	PF	FAKE	21 38 10.0	
ESK	baz=106	Eskdalemuir	106.26	340	LR	LR		
Q36A	comp=Z,28um,20.0s	Arnold C. Orve	106.26	43	Pdiff	Pdiff	21 33 45.8	-1.0
FETA	baz=106	Feichten	106.28	327	Pdiff	Pdiff	21 33 46.5	-0.5
X33A	comp=Z,15nm,1.4s,SNR=8.2	Lawton	106.33	48	Pdiff	Pdiff	21 33 45.4	-1.8
S35A	baz=106	Otter Creek Ra	106.34	44	Pdiff	Pdiff	21 33 44.8	-2.4
331A	baz=106	San Angelo	106.36	52	Pdiff	Pdiff	21 33 45.5	-2.0
ABTX	baz=106	Abliene, Hawle	106.37	50	Pdiff	Pdiff	21 33 46.1	-1.4
ABTX	baz=106	Abliene, Hawle	106.37	50	ePKP	PKIKP	21 37 58.4	-0.4
ABTX	baz=106	Abliene, Hawle	106.37	50	ePP	PP	21 38 12.4	+0.8
NRS	comp=Z,31um,21.0s	Narsarsuaq	106.40	4	i	Pdiff	21 33 52.6	+5.7
NRS	comp=Z,50um,21.0s	Narsarsuaq	106.40	4	i	Pdiff	21 33 52.6	+5.7
NRS	comp=Z,50um,21.0s	Narsarsuaq	106.40	4	i	MLR		
V34A	comp=Z,52um,22.0s	Guthrie	106.42	47	Pdiff	Pdiff	21 33 46.4	-1.2
V34A	baz=106	Guthrie	106.42	47	ePKP	PKIKP	21 37 57.7	-1.1
V34A	baz=106	Guthrie	106.42	47	ePP	PP	21 38 16.2	+4.4
V34A	baz=106	Guthrie	106.42	47	LR	LR		
431A	comp=Z,52um,22.0s	Sonora	106.49	53	Pdiff	Pdiff	21 33 46.9	-1.2
Y33A	baz=106	Hilltop Ranch,	106.49	49	Pdiff	Pdiff	21 33 46.8	-1.1
W34A	baz=106	Bridge Creek,	106.53	47	Pdiff	Pdiff	21 33 48.7	+0.6
W34A	baz=106	Bridge Creek,	106.53	47	ePKP	PKIKP	21 49 44.3	+8.5
W34A	baz=106	Bridge Creek,	106.53	47	LR	LR		
R36A	comp=Z,50um,21.0s	Gordon, Harris	106.57	44	Pdiff	Pdiff	21 33 47.0	-1.2
T35A	baz=106	Sooner Cattle	106.59	45	Pdiff	Pdiff	21 33 45.9	-2.5
BFO	baz=106	Black Forest	106.65	330	e	Pdiff	21 33 48.4	0.0
BFO	baz=106	Black Forest	106.65	330	e	Pdiff	21 38 12.3	
BFO	baz=106	Black Forest	106.65	330	ePP	PP	21 38 12.9	-0.1
BFO	baz=106	Black Forest	106.65	330	LR	LR		
232A	comp=Z,103um,20.0s	Coleman	106.70	51	Pdiff	Pdiff	21 33 47.0	-2.0
LMK	baz=106	Market Rasen	106.71	337	e	AMS	21 33 38.6	-1.0
LMK	baz=106	Market Rasen	106.71	337	e	AMS	22 22 23.5	
U35A	comp=Z,55um,25.9s	Pawnee	106.71	46	Pdiff	Pdiff	21 33 47.8	-1.0
DODT	baz=107	Dodoma, Tanzan	106.71	267	i	PP	21 38 15.2	-0.1
DODT	baz=107	Dodoma, Tanzan	106.71	267	i	PP	22 10 29.4	
Z33A	baz=107	Whitaker Ranch	106.72	49	Pdiff	Pdiff	21 33 48.5	-0.5
531A	baz=107	Rocksprings	106.76	53	Pdiff	Pdiff	21 33 48.0	-1.3
FUORN	comp=Z,30m,2.6s	Offenpass-Fuorn	106.79	327	ePdiff	Pdiff	21 33 49.0	-0.3
WLF	comp=Z,30m,2.6s	Walferdange	106.79	332	e	Pdiff	21 33 50.3	+1.4
WLF	comp=Z,30m,2.6s	Walferdange	106.79	332	e	SP	21 33 50.1	+1.2
WLF	comp=Z,30m,2.6s	Walferdange	106.79	332	e	PP	21 47 31.4	+0.1
WLF	comp=Z,30m,2.6s	Walferdange	106.79	332	PF	FAKE	21 38 10.0	
X34A	comp=Z,84um,19.0s	Smith Ranch, M	106.79	48	Pdiff	Pdiff	21 33 46.6	-2.7
HPK	baz=107	Haverah Park	106.80	338	e	AMS	21 33 39.0	-1.0
HPK	baz=107	Haverah Park	106.80	338	e	AMS	22 22 46.8	
KESW	comp=Z,95um,23.5s	Keswick, Cumb	106.81	339	e	AMS	21 33 37.9	-1.1
KESW	comp=Z,95um,23.5s	Keswick, Cumb	106.81	339	e	AMS	21 38 06.0	
KESW	comp=Z,95um,23.5s	Keswick, Cumb	106.81	339	e	AMS	22 23 33.2	
S36A	comp=Z,55um,21.3s	Lake Cedric, C	106.81	44	Pdiff	Pdiff	21 33 46.8	-2.5
332A	baz=107	Millersview	106.85	52	Pdiff	Pdiff	21 33 48.1	-1.5
DAVOX	comp=Z,4.2nm,0.6s, baz=100,slow=1.6,SNR=11	Davos/Dischmat	106.89	328	Pdiff	Pdiff	21 33 48.6	-1.1
DAVOX	comp=Z,4.2nm,0.6s, baz=100,slow=1.6,SNR=11	Davos/Dischmat	106.89	328	Pdiff	PP	21 38 12.8	-2.1
DAVOX	comp=Z,3.7nm,0.7s, baz=54,slow=7.6,SNR=5.1	Davos/Dischmat	106.89	328	Pdiff	PKIKP	21 49 18.7	-0.1
DAVOX	comp=Z,3.7nm,0.7s, baz=54,slow=7.6,SNR=5.1	Davos/Dischmat	106.89	328	Pdiff	PKIKP	21 49 18.7	-0.1
133A	comp=Z,5.0nm,0.8s, baz=345,slow=1.2,SNR=8.5	Hamilton Ranch	106.92	50	Pdiff	Pdiff	21 33 47.4	-2.5
V35A	baz=107	Meyer Ranch, C	106.94	46	Pdiff	Pdiff	21 33 48.2	-1.7
T36A	baz=107	Boggs Farm, Ca	106.96	45	Pdiff	Pdiff	21 33 47.1	-2.8
Q37A	baz=107	Longview Farm,	106.98	43	Pdiff	Pdiff	21 33 47.7	-2.3
R37A	baz=107	Teagarden Farm	107.02	43	Pdiff	Pdiff	21 33 47.2	-3.0
432A	baz=107	Menard	107.03	52	Pdiff	Pdiff	21 33 48.4	-2.1
631A	baz=107	Perdido Creek	107.06	54	Pdiff	Pdiff	21 33 48.2	-2.4
Y34A	baz=107	Reagan Ranch,	107.15	48	Pdiff	Pdiff	21 33 49.3	-1.6
JCT	baz=107	Junction City	107.20	52	Pdiff	Pdiff	21 33 49.4	-1.8
JCT	baz=107	Junction City	107.20	52	PF	FAKE	21 38 10.0	
JCT	baz=107	Junction City	107.20	52	LR	LR		
233A	comp=Z,33um,20.0s	Rising Star	107.20	51	Pdiff	Pdiff	21 33 49.4	-1.8
W35A	baz=107	Teacumseh	107.21	47	Pdiff	Pdiff	21 33 49.4	-1.8
532A	baz=107	Rocksprings	107.28	53	Pdiff	Pdiff	21 33 49.5	-2.1
ECH	baz=107	Echery	107.31	330	e	Pdiff	21 33 50.4	-0.9
ECH	baz=107	Echery	107.31	330	e	pmax	21 38 14.8	
ECH	comp=Z,14nm,1.3s	Echery	107.31	330	ePdiff	Pdiff	21 33 50.4	-0.9
ECH	comp=Z,14nm,1.3s	Echery	107.31	330	ePP	PP	21 38 14.8	-3.0
ECH	comp=Z,14nm,1.3s	Echery	107.31	330	ePP	PP	21 33 50.8	-0.8
Z37A	baz=107	Fort Scott	107.34	44	Pdiff	Pdiff	21 33 48.4	-3.1
JFWS	baz=107	Jewell Farm	107.34	37	ePKP	PKIKP	21 37 59.5	-0.8
JFWS	baz=107	Jewell Farm	107.34	37	ePP	PP	21 38 16.3	-1.9
JFWS	baz=107	Jewell Farm	107.34	37	ePP	PKIKP	21 49 31.1	-1.2
JFWS	baz=107	Jewell Farm	107.34	37	LR	LR		
TIP	comp=Z,102um,22.0s	Timpagrande	107.35	318	ePdiff	Pdiff	21 33 53.0	+1.3
TIP	comp=Z,102um,22.0s	Timpagrande	107.35	318	ePP	PP	21 38 25.9	+7.3
TIP	comp=Z,102um,22.0s	Timpagrande	107.35	318	LR	LR		

TIP	comp=Z,115um,20.0s	Timpagrande	107.35	318	P	Pdiff	21 33 46.2	-5.5
TUE	comp=Z,115um,20.0s	Stuetta	107.36	328	ePdiff	ePKP	21 33 52.7	+0.9
TUE	comp=Z,115um,20.0s	Stuetta	107.36	328	ePP	PKIKP	21 49 20.6	+3.2
U36A	comp=Z,115um,20.0s	Oologah	107.40	45	Pdiff	Pdiff	21 33 49.7	-2.2
333A	baz=107	Richland Sprin	107.45	51	Pdiff	Pdiff	21 33 52.5	+0.2
X35A	baz=107	Drake	107.51	48	Pdiff	Pdiff	21 33 52.2	-0.2
CUC	baz=107	Castrocuoco	107.52	319	ePdiff	Pdiff	21 33 51.9	-0.6
CUC	baz=107	Castrocuoco	107.52	319	ePP	PP	21 38 23.0	+3.3
CUC	baz=107	Castrocuoco	107.52	319	LR	LR		
V36A	comp=Z,46um,20.0s	Jenks	107.56	46	Pdiff	Pdiff	21 33 50.6	-2.1
134A	baz=108	White-Moore Ra	107.56	50	Pdiff	Pdiff	21 33 51.8	-0.9
T37A	baz=108	Cheneyville 18	107.58	44	Pdiff	Pdiff	21 33 51.6	-1.2
TUL1	baz=108	Tulsa	107.60	46	Pdiff	Pdiff	21 33 51.2	-1.6
TUL1	baz=108	Tulsa	107.60	46	ePKP	PKIKP	21 38 01.1	+0.2
TUL1	baz=108	Tulsa	107.60	46	ePP	PP	21 38 20.3	-0.2
TUL1	baz=108	Tulsa	107.60	46	LR	LR		
433A	comp=Z,65um,20.0s	Art	107.63	52	Pdiff	Pdiff	21 33 51.9	-1.2
632A	baz=108	Uvalde	107.64	53	Pdiff	Pdiff	21 33 52.5	-0.7
CWF	baz=108	Charnwood Fore	107.64	337	e	Pdiff	21 33 42.8	-1.0
CWF	baz=108	Charnwood Fore	107.64	337	e	AMS	21 38 13.7	
CWF	baz=108	Charnwood Fore	107.64	337	e	AMS	22 23 15.2	
AQU	comp=Z,68um,25.8s	L'Aquila	107.65	322	eP	Pdiff	21 33 54.7	+1.7
AQU	comp=Z,68um,25.8s	L'Aquila	107.65	322	ePP	PP	21 33 54.7	+1.7
AQU	comp=Z,68um,25.8s	L'Aquila	107.65	322	LR	LR		
W36A	comp=Z,127um,21.0s	Wetumka	107.68	47	Pdiff	Pdiff	21 33 51.4	-1.8
STNC	baz=108	Stoke	107.70	338	e	Pdiff	21 33 39.9	-1.3
STNC	baz=108	Stoke	107.70	338	e	AMS	21 35 14.8	
STNC	baz=108	Stoke	107.70	338	e	AMS	22 22 49.0	
Y35A	comp=Z,99um,25.4s	Marietta	107.70	48	Pdiff	Pdiff	21 33 50.9	-2.5
234A	baz=108	Clairette	107.79	50	Pdiff	Pdiff	21 33 52.8	-1.0
U37A	baz=108	Salina	107.82	45	Pdiff	Pdiff	21 33 51.1	-2.7
Z35A	baz=108	Perchaven, San	107.82	49	Pdiff	Pdiff	21 33 52.2	-1.6
732A	baz=108	Laxon Ranch,	107.83	54	Pdiff	Pdiff	21 33 52.9	-1.1
X36A	baz=108	Centrahoma	107.87	47	Pdiff	Pdiff	21 33 52.9	-1.1
533A	baz=108	Kerrville	107.98	53	Pdiff	Pdiff	21 33 52.0	-2.7
334A	baz=108	Lometa	108.02	51	Pdiff	Pdiff	21 33 53.8	-1.0
832A	baz=108	Faith Ranch, C	108.02	55	Pdiff	Pdiff	21 33 54.4	-0.5
V37A	baz=108	Hulbert	108.02	46	Pdiff	Pdiff	21 33 54.4	-0.5
135A	baz=108	Vickery Place,	108.07	50	Pdiff	Pdiff	21 33 55.6	+0.6
633A	baz=108	Saathoff Ranch	108.14	53	Pdiff	Pdiff	21 33 54.6	-0.8
434A	baz=108	Burnet	108.23	52	Pdiff	Pdiff	21 33 54.8	-1.0
W37A	baz=108	Quinton	108.25	46	Pdiff	Pdiff	21 33 53.6	-2.1
Y36A	baz=108	Durant	108.25	48	Pdiff	Pdiff	21 33 54.2	-1.6
WHTX	baz=108	Lake Whitney	108.30	50	Pdiff	Pdiff	21 33 54.3	-1.7
WHTX	baz=108	Lake Whitney	108.30	50	ePKP	PKIKP	21 38 01.7	-0.7
WHTX	baz=108	Lake Whitney	108.30	50	ePP	PP	21 38 25.9	

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LPAZ La Paz, SAML Samuel, PTGA Pitinga, ASCN Ascension, CPUP Villa Florida, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like UGL Ulegorsk, YSS Yuzh-Sakhalin, TYV Tymovskoe, etc.

SKHL 13 21:22:29.0,-8.48,75N:142:31E,h10km,mb3.9/3,1C, Sakhalin Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, AS31 Alice Springs, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, CMAR Chiang Mai Arr, BVAR Borovoye Array, etc.

IDC 13 21:29:17.1,-0.8, 12:61N:141:98E,h0km,mb4.1/13, mb1.4/313,mb1mx4.0/62,mbtmp4.1/13, Error ellipse: s-maj=28.4km s-min=19.8km az=89.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ABKAR Akbulak array, ARU Art, AKTO Aktyubinsk, etc.

IDC 13 21:32:10.5,-2.2, 12:61N:142:22E,h0km,mb3.8/5, mb1.3/9.5,mb1mx3.6/62,mbtmp3.8/5, Error ellipse: s-maj=73.6km s-min=30.2km az=82.0, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, CMAR Chiang Mai Arr, BVAR Borovoye Array, etc.

IDC 13 21:32:56.2,-1.9, 12:58N:142:28E,h0km,mb3.9/5, mb1.4/15,mb1mx3.6/62,mbtmp3.9/5, Error ellipse: s-maj=63.5km s-min=31.1km az=85.0, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, CMAR Chiang Mai Arr, BVAR Borovoye Array, etc.

IDC 13 21:35:26.6,-1.2, 12:69N:142:49E,h0km,mb3.8/7, mb1.4/0.7,mb1mx3.7/63,mbtmp3.8/7, Error ellipse: s-maj=54.4km s-min=21.6km az=86.0

ISC/JB 13 21:35:29.2,-1.2, 12:7N:0.1x142:3E:0.4,h27km,mb3.8/7, Error ellipse: s-maj=53.7km s-min=19.5km az=176.7

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

IDC 13 21:37:10.9,-1.4, 12:46N:142:02E,h0km,mb3.5/5, mb1.3/7.5,mb1mx3.4/60,mbtmp3.5/5, Error ellipse: s-maj=48.7km s-min=25.8km az=89.0, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, MKAR Makanchi Array, KURBB Kurchatov Arra, etc.

IDC 13 21:41:09.2,-1.4, 62:79N:150:60W,h75km,17km,mb3.8/6, mb1.3/8.10,mb1mx3.4/74,mbtmp4.1/10, Error ellipse: s-maj=21.7km s-min=9.8km az=110.0

ISC/JB 13 21:41:11.0,-0.3, 62:91N:0.02:150:51W:0.06, h104km,3km,mb4.1/6, Error ellipse: s-maj=4.3km s-min=3.2km az=15.2

NEIC 13 21:41:12.4, 62:90N:150:53W,h91km, MG3.5(AEIC), After AEIC.

ISC 13 21:41:11.8,-0.8, 62:89N:0.03:150:54W:0.04,h98km,6km,n84, @090/96,mb4.2/6, Central Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HUR Hurricane, CUT Chulitna, TRAP Trapper Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HARP HAARP, KLU Klutina, GLI Glacier Island, etc.

GUC 13 21:41:28.3,-0.5, 36:23S:73:65W,h31km,3km,ML4.0, 2C-1D, Near coast of Central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like COCH Cobquecura, YKA Yellowknife Ar, ZALV Zalesovo Bay, etc.

IDC 13 21:41:48.5,-3.2, 6:39S:150:82E,h0km,mb3.5/2, mb1.3/9.3,mb1mx3.5/45,mbtmp3.8/3,ML1.8/1, Error ellipse: s-maj=110.5km s-min=44.2km az=126.0, New Britain region

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

IDC 13 21:42:42.8,-1.6, 12:58N:141:98E,h0km,mb3.6/4, mb1.3/9.4,mb1mx3.5/25,mbtmp3.8/4, Error ellipse: s-maj=45.9km s-min=34.8km az=103.0, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, CMAR Chiang Mai Arr, MKAR Makanchi Array, etc.

IDC 13 21:45:07.3,-1.5, 12:64N:142:10E,h0km,mb3.6/6, mb1.3/8.6,mb1mx3.6/27,mbtmp3.6/6, Error ellipse: s-maj=43.8km s-min=31.4km az=93.0

ISC/JB 13 21:45:10.1,-1.3, 12:6N:0.2x142:1E:0.3,h33km,mb3.6/6, Error ellipse: s-maj=39.5km s-min=25.7km az=179.8

ISC 13 21:45:12.2,-1.4, 12:6N:0.2x142:1E:0.3,h33km,n6, @034/6,mb3.7/6, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, CMAR Chiang Mai Arr, MKAR Makanchi Array, etc.

IDC 13 21:49:14.8,-0.7, 12:64N:141:82E,h0km,mb4.2/20, mb1.4/3/20,mb1mx4.2/33,mbtmp4.2/20, Error ellipse: s-maj=22.5km s-min=15.7km az=91.0

NEIC 13 21:49:16.3,-0.3, 12:61N:141:77E,h10km,mb4.6/15, Error ellipse: s-maj=10.5km s-min=7.9km az=105.0

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

Table with 4 columns: Code, Station Name, Time, Res. Includes entries like FINES FINESS Array B, LPAZ La Paz.

SJA 13 23:34:07.2.0.2, 37.305x76.28W, h50km, ML4.5, MW3.3
GUC 13 23:34:40.2.0.6, 35.805x73.81W, h33km, 5km, ML4.1
ISC 13 23:34:43.5.2.6, 35.895x0.06, 73.7W, 0.2, h35km, n16,

Table with 4 columns: Code, Station Name, Time, Res. Includes entries like COCH Cobquecura, U14B Linares, AAGR Agrelo, AUSP Uspallata.

IDC 13 23:39:54.9.0.7, 30.675x177.69W, h0km, mb4.3/6,
mb1 4.5/6, mb1mx4.0/29, mbmpn4.3/6, Error ellipse:
s-maj=26.3km s-min=20.4km az=102.0

Table with 4 columns: Code, Station Name, Time, Res. Includes entries like RAO Raoul Island, URS Urewera, CMA Cobar Meteorol.

NEIC 13 23:40:01.6.1.7, 30.575x177.74W, h49km, 14km, mb4.7/2,
Error ellipse: s-maj=16.1km s-min=11.8km az=151.0
ISC 13 23:40:01.3.0.7, 30.595x0.08, 177.8W, 0.1, h46km, n40,

Table with 4 columns: Code, Station Name, Time, Res. Includes entries like RAO Raoul Island, URS Urewera, CMA Cobar Meteorol, QLP Quijipe.

Table with 4 columns: Code, Station Name, Time, Res. Includes entries like WRA Warramunga Arr, WRKA Watakurna, GSPA South Pole Qui.

Table with 4 columns: Code, Station Name, Time, Res. Includes entries like GNI Garni, FINES FINESS Array B, NB2 NORRAR Array B.

CSEM 13 23:47:36.5.0.2, 33.92N-25.65E, h20km, ML2.9, Error
ellipse: s-maj=5.3km s-min=3.9km az=42.0
HLW 13 23:47:37.3.0.4, 34.04N-25.79E, h33km, 17km, MI3.3

Table with 4 columns: Code, Station Name, Time, Res. Includes entries like LAST Lasithi, SIVA Sivas, SIVA Sivas.

Table with 4 columns: Code, Station Name, Time, Res. Includes entries like SIVA Zakros, ZKR Zakros, NPS Neapolis.

Table with 4 columns: Code, Station Name, Time, Res. Includes entries like SLUM Slum, ANKY Antikythira Is, ANKY Antikythira Is.

Table with 4 columns: Code, Station Name, Time, Res. Includes entries like SWA2 Swa2, GUR Gaura, DRO Drossia.

Table with 4 columns: Code, Station Name, Time, Res. Includes entries like AKASG Malin Array Be, AKASG Malin Array Be.

Table with 4 columns: Code, Station Name, Time, Res. Includes entries like IDC 13 23:50:31.9.0.6, FUNV Funv, ISCBJ Isc.

Table with 4 columns: Code, Station Name, Time, Res. Includes entries like Venezuela, GUNV Guanoco, GUNV Guanoco.

Table with 4 columns: Code, Station Name, Time, Res. Includes entries like PCRV Puerto La Cruz, PCRV Puerto La Cruz.

Table with 4 columns: Code, Station Name, Time, Res. Includes entries like HOU51 El Baul, HOU51 El Baul.

Table with 4 columns: Code, Station Name, Time, Res. Includes entries like SDV Santa Domingo, SDV Santa Domingo.

Table with 4 columns: Code, Station Name, Time, Res. Includes entries like GRTK Grand Turk, GTBY Guantanamo Bay, SAML Samal.

Hyd 1h

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like HYB Hydrabad, COEN Coen, CD2 Chengdu, etc.

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Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like IJAF Afjeh, IRS Iran Long-Peri, IRMH Madhasht, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like JHHJ Haha-jima-NKT, CBJH Chichi jima, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like N02D Trinity Center, J05D Fort Rock, ZEI Tsey, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KIEV Kiev, ISA Isabella, ISA Isabella, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like J19A Crowheart, O16A Springville, LDLC Landfair, etc.

14d 1h

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like OJC, WUAZ, B29A, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like CLL, G26A, N23A, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like RJOB, BGNE, J34A, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GUTHRIE, TEAGDEN FARM, STERLING CITY, etc.

MAN 14 01:38:03, 16:49N, 121:74E, h109km, mb4.3, ML3.1, MS2.9, 1C, Luzon. Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details.

NIED 14 01:42:00, 26:20N, 141:50E, h80km, Mw4.3 Best double couple: M3, 18000 x 10^15, NP1: 3, 00000 x 831, 00000 x 2, 24, 00000 x 123, 262, 0000, 378, 00000 x 1, 19, 000000.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JCY, JOD2, JHU, JHO, etc.

MOS 14 01:44:14.4, 1.42, 49:83N, 156:33E, h8km, mb4.3/1, Error ellipse: s-maj=56.3km s-min=8.5km az=78.8. KRSC 14 01:44:11.5, 1.4, 49:63N, 156:35E, h6km, 21km, ML4.2, 1D, Kuril Islands. Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details.

PET comp=N, 226nm, 0.6s s-maj=8.1km s-min=5.1km az=94.0. Error ellipse: s-maj=8.1km s-min=5.1km az=94.0.

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

WEL 14 02:11:36.8, 0.4, 38:37S, 175:49E, h261km, 3km, ML3.7/12, SC-8D, Error ellipse: s-maj=4.7km s-min=3.2km az=0.0.

North Island. Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KRZY, KRZ, KRZ, etc.

JMA 14 02:13:52.0, 0.5, 32:78N, 142:66E, h81km, M3.8, Southeast of Honshu. Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BSO1, BSO1, BSO1, etc.

NNC 14 02:15:23.5, 2.5, 37:03N, 170:94E, h234km, 21km, mb2.5, mpv=12.2km az=160.0, Afghistan-Tajikistan border region. Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details.

DZET 22herino, 22nm, 0.3s. Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details.

JMA 14 02:16:48.6, 0.2, 39:47N, 143:37E, h32km, 5km, M3.2, Off east coast of Honshu. Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MIYJ, MIY, MIY, etc.

JMA 14 02:17:22.5, 35:33N, 135:90E, h15km, 1km, M0.4, Western Honshu. Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details.

Code Station Name Δ° AZ° Phase ID Time Res Code Station Name Δ° AZ° Phase ID Time Res

JWT Wachi 0.41 264 Op ISC h m s ISC Pg 02 17 30.7 -0.1 S Sg 02 17 36.0 -0.4

ISK 14 02:17:42.5, 38°11N, 27°34E, h2km, MD2.6 DDA 14 02:17:42.8, 38°36N, 27°32E, h8km, MD2.6

ISCJB 14 02:17:43.0, 4.38, 38.14N, 0.02, 27.84E, 0.03, h4km, 3km, Error ellipse: s-maj=4.4km s-min=3.7km az=149.7

CSEM 14 02:17:43.3, 0.2, 38.83N, 27.83E, h0km, 1km, MD2.6, Error ellipse: s-maj=4.4km s-min=2.6km az=64.0

ISC 14 02:17:42.9, 0.38, 38.14N, 0.02, 27.83E, 0.03, h6km, 5km, n37, c045/56, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res

IDC 14 02:20:37.6, 0.9, 32°11N, 142°67E, h0km, mb3.7/8, mb1.3, 9/12, mb1mx3.3/38, mbmp3.7/12, ML3.7/4, Error ellipse: s-maj=24.3km s-min=18.8km az=65.0

ISCJB 14 02:20:42.7, 0.7, 32°11N, 0.08, 142°4E, 0.1, h52km, mb3.7/8, Error ellipse: s-maj=17.1km s-min=7.7km az=146.3

ISC 14 02:20:44.2, 0.32, 32°55N, 0.07, 142°5E, 0.1, h52km, n13, c187/17, mb3.7/8, Southeast of Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res

CSEM 14 02:21:43.7, 39.98N, 23.31E, h9km, MD3.0 ATH 14 02:21:43.7, 39.98N, 23.31E, h10km, 7km, MD3.0/11, Aegean Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res

KNT Kendrikon 1.22 345 eSB Sg 02 22 23.3 +0.1 KNT 02 22 06.8 -0.1 KNT 02 22 23.3 +0.1

CSEM 14 02:22:55.1±0.1, 43°43'N, 12°33'E, h5km, ML2.6, Error ellipse: s-maj=2.9km s-min=2.5km az=21.0

ROM 14 02:22:54.5, 0.1, 43°43'N, 12°34'E, h5km, ML2.6/5, 6C-2D, Error ellipse: s-maj=0.9km s-min=0.7km az=33.0, Central Italy

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res

AUST 14 02:24:36.0, 18°50S, 171°05E, h0km IDC 14 02:24:57.0, 17°56S, 167°89E, h0km, mb4.3/13, mb1.4, 5/14, mb1mx3.4/33, mbmp4.3/14, ML4.0/1, MS4.0/6, MS1.4/0/6, ms1mx3.4/33, Error ellipse: s-maj=24.6km s-min=17.2km az=108.0

BUL 14 02:24:59.6, 17°60S, 168°00E, h10km, mb4.8/17, MB5.0/12, MS4.9/4, MS7.4/6

ISCJB 14 02:25:00.1, 0.5, 17°78S, 0°04, 167°96E, 0.09, h27km, mb4.4/18, MS4.0/5, Error ellipse: s-maj=12.6km s-min=5.4km az=10.3

NEIC 14 02:25:02.6, 0.3, 17°63S, 167°92E, h35km, mb4.6/8, Error ellipse: s-maj=11.5km s-min=6.3km az=131.0

ISC 14 02:25:01.2, 0.5, 17°45S, 0°06, 168°1E, 0.1, h27km, n103, c187/17, mb4.4/18, MS4.0/5, 5C-4D, Vanuatu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res

baz=9.2, SNR=6.1 MEEK Meekatharra 46.40 250 P P 02 33 25.1 -0.6

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res

ISK 14 02:27:18.8, 37:45N, 26:50E, h6km, MD2.6
ISCJB 14 02:27:19.0, 0.6, 37:45N, 0:03:26:50E, 0.03, h5km, 7km,
Error ellipse: s-maj=5.2km s-min=4.3km az=37.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GCAM, BODT, ZEY, BDRM, APE, URLA, CHOS, AYDN, AYDB, THRS, VER, YER.

IDC 14 02:32:02.7, 1.2, 24:15S, 66:78W, h186km, 12km, mb3.6/5,
mb1 3.7/9, mb1mx3.4/24, mbtmp4.0/9, MS2.2/1, Ms1 2.2/1,
ms1mx2.2/19, Error ellipse: s-maj=17.9km s-min=17.2km
az=106.0

ISCJB 14 02:32:03.9, 0.4, 24:16S, 0:04:66:99W, 0:04, h181km,
mb3.8/5, Error ellipse: s-maj=7.1km s-min=3.7km az=38.6
SJA 14 02:32:03.8, 0.5, 24:16S, 66:84W, h194km, 7km, ML3.2,
MW3.3

GUC 14 02:32:05.3, 0.5, 23:95S, 67:45W, h239km, 17km, ML4.9
ISC 14 02:32:03.0, 0.8, 24:18S, 0:05:66:96W, 0.05, h181km, n33,
a172/37, mb3.9/5, 6C-2D, Salta Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SLA, HJA, AZAP, FSA, FSA, ASB, LVC, YJA, PB06, AHML, PB04, PB04, ANCH, ANCH, PB10, PB10, CFAA, CFAA, LPAZ, CPUP, SIV, DBIF, TARD, MOW, YKA, ASAR, WRA, ZALV, MKAR.

NIED 14 02:35:00.32, 90N, 142:50E, h8km, Mw3.8 Best double
couple: M:6.670000, 1014 NP1:30.324, 000000; 856.000000,
-1.171, 000000. NP2:30.229, 000000; 883.000000,
-1.34, 000000.

ISCJB 14 02:35:11.5, 0.4, 32:70N, 0:05:142:70E, 0:05, h10km,
mb4.1/26, Error ellipse: s-maj=7.9km s-min=5.3km
az=43.4

IDC 14 02:35:11.5, 0.7, 32:66N, 142:69E, h0km, mb4.0/19,
mb1 4.1/24, mb1mx4.0/52, mbtmp4.0/24, ML3.4/5, Error
ellipse: s-maj=22.5km s-min=16.2km az=66.0

NEIC 14 02:35:13.7, 3.5, 32:67N, 142:77E, h14km, 21km, mb4.4/7,
Error ellipse: s-maj=12.9km s-min=8.8km az=68.0
JMA 14 02:35:13.5, 3.2, 32:30N, 142:51E, h1km, ML4.3
ISC 14 02:35:13.6, 0.6, 32:72N, 0:07:142:51E, 0:06, h10km, n52,
a128/53, mb4.2/26, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JHJ, JHJ2, JHJ3, BSO1, BSO1.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JHJ, BSO3, BSO4, JOD2, TK02, JYV, JYV, MJAR, MAJO, MAJO, MAJ, MAT, CBUJ, JCJ, JCU, JNU, KSR5, KSR5, USKR, H1N2, H1N1, H1N3, ULN, ZALV, MKAR, KURK, KURB, TKM2, ILAR, WRAB, WRA, BVAR, KKAR, ASAR, ARU, ABKAR, ARCES, FINES, KBZ, NVC, NFA, AKAS, HFS, NB2, NOA, NAO01, BUR0, MLR, CLL, TXAR.

NNC 14 02:35:59.7, 2.7, 41:12N, 72:95E, h111km, 27km, mb2.4,
mpv3.7, Error ellipse: s-maj=31.9km s-min=6.6km az=72.0
KRNET 14 02:35:59.4, 0.1, 41:02N, 72:54E, h21km, mb3.5
KNET 14 02:36:00.8, 0.6, 41:30N, 72:40E, h2km, 3km, m13.2, Error
ellipse: s-maj=7.8km s-min=4.1km az=132.0

ISC 14 02:35:59.4, 1.2, 41:03N, 0:03:72:53E, 0:03, h7km, 12km,
n29, a192/48, 20C-18D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like FRG, SFK, SFK, AML, AML, AML, MNAS, MNAS, ARLS, ARLS, BTK, BTK, EKS2, EKS2, EKS2, UCH, UCH, AAK, AAK, AAK, AAK, KZA, KZA.

FRG Fergana 0.86 22Z Op Pn 02 36 15.9 -0.1

SFK Sufi-Kurgan 1.26 144 U Pn Pn 02 36 23.5 0.0

AML Almayshu 1.40 38 U Pn Pn 02 36 25.2 -0.5

AML Almayshu 1.40 38 U Pn Pn 02 36 25.1 -0.5

MNAS Manas 1.45 359 U Pn Pn 02 36 28.5 -1.4

MNAS Manas 1.45 359 U Pn Pn 02 36 28.5 +1.3

ARLS Aral 1.58 58 I Pn Pn 02 36 30.2 +0.6

BTK Batken 1.63 234 eP Pn 02 36 29.1 -0.7

EKS2 Erkin-Say 1.87 29 U Pn Pn 02 36 33.1 -0.9

EKS2 Erkin-Say 1.87 29 U Pn Pn 02 36 33.1 -0.9

UCH Uch-Kul 1.90 51 U Pn Pn 02 36 35.8 -0.1

AAK Ala-Archa 2.17 42 U Pn Pn 02 37 08.4 -0.6

AAK Ala-Archa 2.17 42 U Pn Pn 02 36 39.0 0.0

AAK Ala-Archa 2.17 42 U Pn Pn 02 37 08.4 -0.6

KZA Kyzart 2.29 62 U Pn Pn 02 36 40.7 -0.5

KZA Kyzart 2.29 62 U Pn Pn 02 37 13.1 +0.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like FRU, FRU, KBK, TAS, KK31, KK31, CHMS, CHMS, CHMS, NRN, USP, TKM2, TKM2, TKM2, TKM2, ULHL, ULHL, DZET, DZET.

IDC 14 02:57:07.5, 3.2, 22:36N, 91:88E, h0km, mb3.4/3,
mb1 3.7/4, mb1mx3.4/45, mbtmp3.5/4, ML4.2/1, MS3.5/1,
Ms1 3.5/1, ms1mx2.5/40, Error ellipse: s-maj=153.6km
s-min=25.0km az=55.0

ISC 14 02:57:08.3, 1.3, 22:22N, 0:2:91:7E, 0:2, h10km, n14,
a240/16, mb3.4/3, Bangladesh

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SHL, SHL, ODAN, ODAN, TAPAN, TAPAN, RAMN, RAMN, CMAR, CMAR, GUN, GUN, PKI, PKI, PKIN, PKIN, DMN, DMN, KKN, KKN, MKAR, MKAR, KURB, KURB, GEYT, GEYT, WRA, WRA.

CSEM 14 03:03:04.6, 43:45N, 12:34E, h9km, ML1.3/4
ROM 14 03:03:04.6, 0.1, 43:45N, 12:34E, h9km, M11.3/4, Central
Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ATPI, ATPI, ATPI, CDCA, CDCA, CDCA, ATVO, ATVO, ATVO, BADI, BADI, BADI, BADI, ATPC, ATPC, ATPC, PIEI, PIEI, ATFO, ATFO, PARC, PARC, MURB, MURB, CAFI, CAFI, CAFI, CRE, CRE, ARVD, ARVD, ARVD, ARVD.

CSEM 14 03:03:08.6, 43:46N, 12:34E, h9km, MD2.0/10
ROM 14 03:03:08.6, 0.1, 43:46N, 12:34E, h9km, MD2.0/10, M11.2/6,
Error ellipse: s-maj=9km s-min=0.6km az=19.0,
Central Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ATPI, ATPI, ATPI, CDCA, CDCA, CDCA, BADI, BADI, BADI, BADI, CAFI, CAFI, CAFI, CRE, CRE, ARVD, ARVD, ARVD, ARVD.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like AVT0, AVT1, Poggio Castell, etc.

IDC 14 03:08:08.9.0.8, 34.09N:78.76E, h0km, mb3.8/12, mb1.4/0.15, mb1mx3.7/57, mbtmp3.9/15, ML3.3/3, MS3.2/4, Ms1.3/2.4, ms1mx2.8/48, Error ellipse: s-maj=25.9km s-min=15.3km az=57.0

BUI 14 03:08:10.5, 34.04N:78.73E, h10km, ML3.7/4 ISCJB 14 03:08:13.0.0.6, 34.28N:0.06:79.02E:0.10, h33km, mb3.8/11, MS3.2/3, Error ellipse: s-maj=11.8km s-min=8.9km az=172.4

NEIC 14 03:08:17.0.1.5, 34.12N:78.74E, h8km, 12km, mb4.1/1, Error ellipse: s-maj=17.0km s-min=10.3km az=223.0 ISC 14 03:08:14.9.0.8, 34.20N:0.09:79.0E:0.11, h35km, n27, alpha156/23, mb3.8/11, MS2.9/3, Kashmir-Xizang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like CHCP, TKM2, AAK, EKSZ, etc.

NIED 14 03:14:00, 32.80N:142.60E, h5km, Mw4.1 Best double couple: M1: 730000*1015, NP1: 319.00000*, 320.00000*, 1.98.00000*, NP2: 145.00000*, 370.00000*, 1.88.00000*

ISCJB 14 03:14:29.5.0.5, 32.67N:0.05:142.49E:0.08, h10km, mb4.0/18, MS4.3/1, Error ellipse: s-maj=11.0km s-min=5.7km az=144.7

NEIC 14 03:14:29.5.3.7, 32.63N:142.55E, h0km, 22km, mb4.3/6, Error ellipse: s-maj=16.7km s-min=7.9km az=67.0 IDC 14 03:14:29.5.1.0, 32.70N:142.62E, h0km, mb3.9/12, mb1.4/0.16, mb1mx3.9/49, mbtmp3.9/16, ML3.6/3, MS3.4/2, Ms1.3/5.2, ms1mx2.6/36, Error ellipse: s-maj=25.7km s-min=20.3km az=72.0

JMA 14 03:14:31.7.0.8, 32.76N:0.09:142.50E:0.10, h10km, n41, alpha78/38, mb4.0/18, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like BSO1, BSO2.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like JHJ2, JHJ1, BSO3, BSO4, etc.

BUI 14 03:16:41.2, 12.09N:141.49E, h10km, mb4.7/19, MB4.9/12, Ms4.6/6, Ms7.4/5.2

IDC 14 03:16:42.4.0.8, 12.46N:141.77E, h0km, mb4.2/16, mb1.4/4/18, mb1mx4.1/44, mbtmp4.3/18, ML4.1/2, MS3.5/16, Ms1.3/6/16, ms1mx3.3/34, Error ellipse: s-maj=27.8km s-min=14.5km az=91.0

NEIC 14 03:16:43.9.0.4, 12.26N:141.47E, h10km, mb4.6/12, Error ellipse: s-maj=12.4km s-min=8.6km az=96.0 ISC 14 03:16:46.5.0.5, 12.29N:0.07:141.69E:0.07, h33km, n65, alpha155/57, mb4.2/28, MS3.6/14, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like GUMO, GUMG, GUMJ, etc.

ISCJB 14 03:18:23.4.0.8, 19.44S:0.09:70.8W:0.1, h10km, mb4.3/5, Error ellipse: s-maj=19.9km s-min=11.2km az=151.8 IDC 14 03:18:24.3.1.8, 19.44S:70.70W, h0km, mb4.3/3, mb1.4/3.6, mb1mx3.9/24, mbtmp4.2/6, ML3.6/2, MS2.9/3, Ms1.3/0.3, ms1mx2.8/21, Error ellipse: s-maj=43.8km s-min=30.3km az=69.0

NEIC 14 03:18:27.1.5.8, 19.49S:70.81W, h21km, 43km, mb4.4/3, Error ellipse: s-maj=25.1km s-min=12.8km az=91.0 ISC 14 03:18:25.0.9, 19.47S:0.07:70.7W:0.1, h10km, n20, alpha143/13, mb4.4/5, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like WRAP, WRAA, USRK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like HHC, KMI, KMI, etc.

IDC 14 03:18:04.0.1.2, 25.38N:96.38E, h0km, mb3.6/5, mb1.3/5, mb1mx3.4/52, mbtmp3.6/5, Error ellipse: s-maj=56.4km s-min=17.9km az=67.0

ISCJB 14 03:18:06.8.0.9, 25.4N:0.1:96.5E:0.13, h25km, mb3.5/5, Error ellipse: s-maj=40.3km s-min=14.0km az=159.6 ISC 14 03:18:08.6.0.1, 25.53N:0.1:96.3E:0.1, h25km, n7, alpha173/8, mb3.7/5, Myanmar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like SHL, CMAR, CMAR, etc.

ISCJB 14 03:18:23.4.0.8, 19.44S:0.09:70.8W:0.1, h10km, mb4.3/5, Error ellipse: s-maj=19.9km s-min=11.2km az=151.8 IDC 14 03:18:24.3.1.8, 19.44S:70.70W, h0km, mb4.3/3, mb1.4/3.6, mb1mx3.9/24, mbtmp4.2/6, ML3.6/2, MS2.9/3, Ms1.3/0.3, ms1mx2.8/21, Error ellipse: s-maj=43.8km s-min=30.3km az=69.0

NEIC 14 03:18:27.1.5.8, 19.49S:70.81W, h21km, 43km, mb4.4/3, Error ellipse: s-maj=25.1km s-min=12.8km az=91.0 ISC 14 03:18:25.0.9, 19.47S:0.07:70.7W:0.1, h10km, n20, alpha143/13, mb4.4/5, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like LVC, LPZA, LPZA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TRQA, PTGA, GTBY, WHTX, TUL1, TORO, YKA, H1S2, H1S1, H1S3, H1N2, H1N1, MKAR.

10m, 0.3s, baz=337, slow=14, SNR=3.9
0.1nm, 1.2s
20.03 159 eP P 03 22 58.0 -0.7

10m, 0.3s, baz=192, slow=5.7, SNR=1.4
21.40 31 P P 03 23 13.8 +0.2

0.2nm, 0.3s, baz=192, slow=5.7, SNR=1.4
39.38 353 eP P 03 25 55.7 +0.2

2.5nm, 0.6s
57.22 333 eP P 03 28 12.3 -0.8

0.3nm, 0.5s
59.98 337 eP P 03 28 31.4 -0.9

1.5nm, 0.8s, baz=248, slow=5.7, SNR=1.4
78.73 71 P P 03 30 25.4 -1.0

0.6nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

0.8nm, 0.7s, baz=137, slow=5.3, SNR=5.3
88.72 341 P P 03 31 19.9 +1.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JAR, JMB, JOP, JKH, JCK, JEM, JKB, JTM, JTH.

4.96 259 P Pn 04 15 24.9 -0.1
5.06 246 eS Pn 04 14 31.7 +2.1
5.42 259 P Pn 04 15 25.7 -2.5

5.42 259 P Pn 04 14 39.7 +3.8
5.50 245 P Pn 04 14 37.1 -3.5
5.95 240 eS Pn 04 15 47.6 -2.6

7.97 247 P Pn 04 15 02.0 -0.5
7.94 240 P Pn 04 16 31.8 -7.5
8.02 232 eS Pn 04 16 31.7 -1.0

2.77 67 LR Pn 04 18 52.8 -0.5
24.21 352 eP Pn 04 23 24.7 -0.2
33.15 194 eP Pn 04 24 44.7 -0.1

33.17 194 P Pn 04 24 45.1 +0.2
42.08 284 P Pn 04 26 00.3 0.0
60.52 317 P Pn 04 28 18.8 +0.5

63.78 321 P Pn 04 28 39.9 -0.1
63.82 320 P Pn 04 28 39.9 -0.1
66.06 120 LR Pn 04 49 58.5

68.75 26 eP Pn 04 10 31.0 +1.3
69.20 322 P Pn 04 29 14.5 -0.2
69.54 26 eP Pn 04 29 17.1 +0.5

70.64 25 P Pn 04 29 24.6 +1.4
70.65 25 P Pn 04 31 11.2 -0.9

70.61 25 P Pn 04 35 56.9 +1.6
70.65 25 P Pn 04 35 43.2 -0.9

0.18 258 P Pn 04 24 06.8 +0.2
0.18 258 P Pn 04 24 09.4 +0.2

0.15 145 eP Pn 04 25 07.7 -0.3
0.63 107 eS Pn 04 25 17.9 -0.4
0.63 107 eS Pn 04 25 17.9 -0.4

0.73 219 eS Pn 04 25 19.9 -0.3
0.73 219 eS Pn 04 25 29.6 -0.1

1.06 234 eP Pn 04 25 26.2 -0.3
1.06 234 eP Pn 04 25 27.0 +0.5
1.37 136 eP Pn 04 25 32.0 -0.4

1.37 136 eP Pn 04 25 49.5 -0.6
1.38 257 eS Pn 04 25 50.2 +0.2
1.38 257 Pn 04 25 50.2 +0.2

1.62 269 eS Pn 04 25 35.8 -0.3
1.62 269 Pn 04 25 58.4 +0.3

1.83 234 eP Pn 04 25 39.1 +0.1
1.83 234 eS Pn 04 26 03.2 +0.3
2.67 261 eS Pn 04 26 30.6 -1.2

2.67 261 Sg Pn 04 26 30.6 -1.2
2.81 263 eS Pn 04 26 35.3 -1.0
2.81 263 Sg Pn 04 26 50.5 +2.7

3.66 252 eP Pn 04 26 05.6 +1.6
3.66 252 eS Pn 04 27 03.2 -0.3

3.66 252 Sg Pn 04 26 05.6 +1.6
3.66 252 Sg Pn 04 27 03.2 -0.3

1.83 234 eP Pn 04 25 39.1 +0.1
1.83 234 eS Pn 04 26 03.2 +0.3

2.67 261 eS Pn 04 26 30.6 -1.2
2.67 261 Sg Pn 04 26 30.6 -1.2
2.81 263 eS Pn 04 26 35.3 -1.0

2.81 263 Sg Pn 04 26 50.5 +2.7
3.66 252 eP Pn 04 26 05.6 +1.6
3.66 252 eS Pn 04 27 03.2 -0.3

3.66 252 Sg Pn 04 26 05.6 +1.6
3.66 252 Sg Pn 04 27 03.2 -0.3

1.83 234 eP Pn 04 25 39.1 +0.1
1.83 234 eS Pn 04 26 03.2 +0.3

2.67 261 eS Pn 04 26 30.6 -1.2
2.67 261 Sg Pn 04 26 30.6 -1.2
2.81 263 eS Pn 04 26 35.3 -1.0

2.81 263 Sg Pn 04 26 50.5 +2.7
3.66 252 eP Pn 04 26 05.6 +1.6
3.66 252 eS Pn 04 27 03.2 -0.3

3.66 252 Sg Pn 04 26 05.6 +1.6
3.66 252 Sg Pn 04 27 03.2 -0.3

1.83 234 eP Pn 04 25 39.1 +0.1
1.83 234 eS Pn 04 26 03.2 +0.3

2.67 261 eS Pn 04 26 30.6 -1.2
2.67 261 Sg Pn 04 26 30.6 -1.2
2.81 263 eS Pn 04 26 35.3 -1.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JBT2, JFR, JEW, JEW, JNB, JAB, JCH, JCH, JNB, JHR, JHR, JEM, JEM, JEM.

0.42 34 eS Pn 04 25 33.7 -1.2
0.42 34 eS Pn 04 25 33.9 -0.9
0.61 272 eS Pn 04 25 35.3 -1.8

0.61 272 eS Pn 04 25 35.3 -1.8
0.64 147 eS Pn 04 25 38.5 -0.7
0.64 147 eS Pn 04 25 38.5 -0.7

0.83 104 eS Pn 04 25 36.9 -0.5
0.83 104 eS Pn 04 25 39.8 -2.7
0.98 250 eS Pn 04 25 38.2 -0.2

1.03 137 eS Pn 04 25 41.1 -1.0
1.03 137 eS Pn 04 25 42.8 +0.1
1.03 140 eS Pn 04 25 46.7 +0.9

1.03 140 eS Pn 04 25 29.3 -0.7
1.03 140 eS Pn 04 25 29.3 -0.7

1.03 140 ePn Pn 04 25 29.4 -0.7
1.11 18 eS Pn 04 25 47.4 +1.2
1.32 10 Pn 04 25 52.9 +0.2

1.32 10 Pn 04 25 52.9 +0.2
1.32 10 Pn 04 25 52.9 +0.2

1.32 10 ePn Pn 04 25 33.0 -0.1
1.42 293 eS Pn 04 25 51.9 +0.1
1.66 45 eS Pn 04 25 34.1 -0.2

1.66 45 eS Pn 04 25 34.1 -0.2
1.70 213 eS Pn 04 25 57.1 +0.1
1.70 213 eS Pn 04 25 57.1 +0.1

1.72 339 eS Pn 04 25 38.1 +0.1
1.72 339 eS Pn 04 25 38.1 +0.1

2.88 64 ePn Pn 04 25 53.2 +0.3
2.88 64 ePn Pn 04 25 53.2 +0.3

4.15 5 ePn Pn 04 26 11.0 +1.2
4.15 5 ePn Pn 04 26 11.0 +1.2

4.15 5 ePn Pn 04 26 11.0 +1.2
4.15 5 ePn Pn 04 26 11.0 +1.2

4.15 5 ePn Pn 04 26 11.0 +1.2
4.15 5 ePn Pn 04 26 11.0 +1.2

6.26 359 eS Pn 04 26 38.3 0.0
6.26 359 eS Pn 04 26 49.2 +0.8

7.01 208 ePn Pn 04 26 47.6 -0.9
7.01 208 ePn Pn 04 26 47.6 -0.9

7.01 208 eS Pn 04 26 08.6 +0.1
7.01 208 eS Pn 04 26 48.3 -0.3

7.59 321 d/Pn Pn 04 26 52.2 +0.9
7.59 321 d/Pn Pn 04 26 52.2 +0.9

7.59 321 d/Pn Pn 04 26 52.2 +0.9
7.59 321 d/Pn Pn 04 26 52.2 +0.9

7.59 321 d/Pn Pn 04 26 52.2 +0.9
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7.59 321 d/Pn Pn 04 26 52.2 +0.9
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7.59 321 d/Pn Pn 04 26 52.2 +0.9

7.59 321 d/Pn Pn 04 26 52.2 +0.9
7.59 321 d/Pn Pn 04 26 52.2 +0.9

Table with columns: Call Sign, Name, Frequency, Power, and other details. Includes entries like L1V L'vov, J19A Crowheart, DUG Dugway, etc.

Table with columns: Call Sign, Name, Frequency, Power, and other details. Includes entries like D30A Buchanan, MSAB Monastery St. A, BR131 Keskin Array S, etc.

Table with columns: Call Sign, Name, Frequency, Power, and other details. Includes entries like MVCO Mesa Verde, MVCO Mesa Verde, UBBA Unterbach, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like SNF Seneffe, SGR SIGRI, KNT Kendrickon, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like R35A Emporia Municipi, X29A Tulla, V31A Spring Creek L, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like SIUC Southern Illin, 234A Clairette, 333A Richland Sprin, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other technical details. Includes stations like JHS Saijo, JHT Toyohira, etc.

14C 14:04:29:48.5:1.0, 12:65N:142:01E, h0km, mb4.0/11, mb1.4/21, mb1mx3.9/47, mbmp4.0/11, MS2.4/1, Ms1.2/4.1, ms1mx2.2/31, Error ellipse: s-maj=32.2km s-min=22.4km az=91.0

14C 14:04:29:53.0:0.8, 12:61N:141:19E, h10km, mb4.3/3, Error ellipse: s-maj=19.6km s-min=11.1km az=79.0

14C 14:04:29:52.0:1.0, 12:61N:141:19E, h0.2, h33km, mb4.0/14, Error ellipse: s-maj=23.2km s-min=13.4km az=168.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other technical details. Includes stations like GUMO Guam, PMG Port Moresby, WRA Warramunga Arr, etc.

14C 14:04:31:02.1457N:119:84E, h108km, mb4.7, ML3.6, MS3.5, Luzon

14C 14:04:31:17.6:1.6, 1:21S:77:26W, h215km, 14km, mb3.9/17, mb1.4/0.2, mb1mx3.9/37, mbmp4.5/20, Error ellipse: s-maj=16.9km s-min=8.5km az=55.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other technical details. Includes stations like OTAV Otavalo, ATAH Athermalpa, ROSC El Rosal, etc.

NNA	5.9nm,0.3s,baz=100,slow=21,SNR=7.8	S	Sn	04 43 30.2 -9.2
NNA	Nana 10.61 178 ePn	Pn	Pn	04 41 42.5 +1.1
NNA	Isia Barro Col 10.72 346 ePn	ePn	Sn	04 43 29.7 -1.0
ECIP		ePn	Pn	04 41 45.1 +2.5
SDV	Santo Domingo 12.12 33 ePn	ePn	Pn	04 43 42.7 +0.8
JTS	JuntasAbangare 13.82 327 P	P	Pn	04 42 04.5 -1.7
SAML	Samuel 15.96 119 eP	eP	Pn	04 42 25.7 +0.8
PCRV	Puerto La Cruz 17.01 46 P	P	Pn	04 42 49.9 +1.2
PTGA	Pitinga 17.34 88 P	P	Pn	04 43 04.1 +2.8
PTGA	Pitinga 17.34 88 P	P	Pn	04 43 06.8 +1.6
LPZA	La Paz 17.40 149 P	P	Pn	04 43 06.5 +1.4
LPZA	La Paz 17.40 149 eP	eP	Pn	04 43 07.5 +1.0
MTDJ	Mount Denham 19.42 359 eP	eP	Pn	04 43 07.2 +0.7
SIV	San Ignacio 21.64 133 P	P	P	04 43 29.0 -0.7
SMN	Samana, DR 21.85 21 eP	eP	P	04 43 51.5 +1.4
SJG	San Juan 22.21 29 P	P	P	04 43 54.4 +2.2
SJG	San Juan 22.21 29 eP	eP	P	04 43 55.8 +0.1
LVC	Limon Verde 22.68 160 P	P	P	04 43 55.7 +0.1
LVC	Limon Verde 22.68 160 eP	eP	P	04 44 02.2 +1.9
SMRT	St. Maarten 23.80 35 eP	eP	P	04 44 02.4 +2.1
TEIG	Tepich 23.96 334 P	P	P	04 44 09.8 -0.4
TEIG	Tepich 23.96 334 eP	eP	P	04 44 12.3 +0.8
CPUP	Villa Florida 31.43 144 eP	eP	P	04 44 12.4 +0.8
BDFB	Brasilia 32.20 118 P	P	P	04 45 17.3 -0.8
034A	Hebronville 34.94 325 P	P	P	04 45 26.0 +0.9
934A	Benavides 35.26 326 P	P	P	04 45 30.3 +1.8
636A	Smothers Creek 35.98 330 P	P	P	04 45 52.9 +1.6
KMSC	Kings Mountain 36.47 354 P	P	P	04 45 58.4 +1.1
KMSC	Kings Mountain 36.47 354 eP	eP	P	04 46 02.5 +1.1
733A	Divot King Ran 36.55 326 P	P	P	04 46 02.5 +1.1
832A	Faith Ranch, C 36.60 325 P	P	P	04 46 03.1 +0.9
338A	Crockett 36.72 334 P	P	P	04 46 04.2 +1.6
732A	Laxson Ranch, 36.94 326 P	P	P	04 46 04.5 +0.9
534A	Blanco 37.15 329 P	P	P	04 46 06.2 +0.7
632A	Uvalde 37.44 327 P	P	P	04 46 07.6 +0.3
336A	Riesel 37.45 332 P	P	P	04 46 11.1 +1.4
335A	Moody 37.64 331 P	P	P	04 46 10.3 +0.5
434A	Burnet 37.67 330 P	P	P	04 46 12.1 +0.8
138A	Matatall Enter 37.75 335 P	P	P	04 46 12.2 +0.5
631A	Perdido Creek 37.80 326 P	P	P	04 46 13.3 +1.1
532A	Rocksprings 37.98 327 P	P	P	04 46 14.1 +1.3
433A	Art 38.05 329 P	P	P	04 46 16.2 +1.9
334A	Lometa 38.08 330 P	P	P	04 46 15.7 +0.9
TZTN	Tazewell 38.12 352 eP	eP	P	04 46 15.5 +0.5
JCT	Junction City 38.20 328 P	P	P	04 46 15.5 +0.2
WHXT	Lake Whitney 38.24 332 P	P	P	04 46 17.3 +1.2
WHXT	Lake Whitney 38.24 332 eP	eP	P	04 46 17.4 +1.0
531A	Rocksprings 38.36 327 P	P	P	04 46 17.1 +0.7
333A	Richard Sprin 38.45 329 P	P	P	04 46 18.9 +1.4
Y39A	Lockesburg 38.46 337 P	P	P	04 46 18.8 +0.6
432A	Menard 38.51 328 P	P	P	04 46 18.9 +0.7
WVT	Waverly 38.53 346 eP	eP	P	04 46 19.7 +1.0
UALR	University of 38.57 340 eP	eP	P	04 46 17.4 -1.3
234A	Clairette 38.58 331 P	P	P	04 46 18.8 -0.3
530A	J-C Ranch, Com 38.79 326 P	P	P	04 46 19.8 +0.6
431A	Sonora 38.80 327 P	P	P	04 46 22.5 +1.1
MIAR	Mount Ida 38.81 338 P	P	P	04 46 22.2 +1.1
MIAR	Mount Ida 38.81 338 eP	eP	P	04 46 23.0 +2.0
332A	Millersview 38.88 329 P	P	P	04 46 20.6 -0.5
Y37A	Hugo 39.11 336 P	P	P	04 46 22.8 +1.1
331A	San Angelo 39.16 328 P	P	P	04 46 24.5 +0.9
430A	Baggett Ranch, 39.22 326 P	P	P	04 46 25.2 +0.9
232A	Coleman 39.23 329 P	P	P	04 46 25.7 +1.1
529A	Stev Forest Ra 39.27 325 P	P	P	04 46 25.6 +0.9
X38A	Whitesboro 39.39 337 P	P	P	04 46 26.2 +1.1
133A	Hamilton Ranch 39.45 331 P	P	P	04 46 26.6 +0.7
429A	Davenport Ranch 39.46 326 P	P	P	04 46 27.1 +0.7
X37A	Clayton 39.54 336 P	P	P	04 46 27.7 +1.0
TXAR	Lailias Array 39.56 322 P	P	P	04 46 27.5 +0.5
231A	Bronte 39.62 329 P	P	P	04 46 28.3 +0.9
W38A	Poteau 39.63 338 P	P	P	04 46 28.8 +0.9
Y35A	Marietta 39.65 334 P	P	P	04 46 28.2 +0.4
330A	Mertzton 39.66 327 P	P	P	04 46 28.6 +0.6
ABTX	Abilene, Hawle 39.82 330 P	P	P	04 46 28.3 0.0
ABTX	Abilene, Hawle 39.82 330 eP	eP	P	04 46 29.7 +0.2
X36A	Centrahoma 39.92 335 P	P	P	04 46 30.7 +1.1
230A	Sterling City 40.00 328 P	P	P	04 46 32.1 +1.8
Y34A	Reagan Ranch, 40.02 333 P	P	P	04 46 31.8 +0.8
W37A	Quinton 40.04 337 P	P	P	04 46 31.5 +0.4
X35A	Drake 40.04 334 P	P	P	04 46 32.7 +1.5
329A	Wagon Wheel Ra 40.16 326 P	P	P	04 46 31.8 +0.5
V38A	Canehill 40.29 338 P	P	P	04 46 33.5 +1.1
Z32A	Haskell 40.29 331 P	P	P	04 46 35.3 +2.0
Y33A	Hilltop Ranch, 40.46 332 P	P	P	04 46 34.4 +1.0
130A	Snyder 40.48 329 P	P	P	04 46 36.5 +0.9
V37A	Hulbert 40.58 338 P	P	P	04 46 35.9 +1.0
X34A	Smith Ranch, M 40.59 334 P	P	P	04 46 37.8 +2.1
			P	04 46 36.6 +0.8

Z31A	Sharp Cattle R 40.63 330 P	P	P	04 46 37.5 +1.3
U36A	Gravette 40.79 339 P	P	P	04 46 38.0 +0.6
V38A	Jenks 40.81 337 P	P	P	04 46 37.8 +0.2
Y32A	R-V Farms, Ver 40.84 331 P	P	P	04 46 38.9 +1.1
X33A	Lawton 40.84 333 P	P	P	04 46 38.7 +0.9
TUL1	Tulsa 40.86 337 P	P	P	04 46 38.3 +0.4
TUL1	Tulsa 40.86 337 eP	eP	P	04 46 38.3 +0.4
T29A	Stewart Farms, 40.98 328 P	P	P	04 46 39.7 +0.7
Z28A	UT Block 9, Go 40.98 326 P	P	P	04 46 40.3 +1.2
U37A	Salina 41.03 338 P	P	P	04 46 39.8 +0.5
W34A	Bridge Creek, 41.10 334 P	P	P	04 46 41.1 +1.1
Z30A	Sanderson Ranc 41.10 329 P	P	P	04 46 41.1 +1.0
WMOK	Wichita Mounta 41.13 333 eP	eP	P	04 46 40.1 -0.1
V35A	Meyer Ranch, C 41.15 336 P	P	P	04 46 40.8 +0.5
Y31A	Rekieta Farm, 41.20 331 P	P	P	04 46 42.3 +1.5
W39A	Caddo, Fort Co 41.34 333 P	P	P	04 46 42.3 +1.8
Z29A	Hungry Hill Ra 41.38 328 P	P	P	04 46 44.0 +1.6
Y30A	Stafford Cattl 41.45 330 P	P	P	04 46 44.3 +1.4
RCBR	Riachuelo 41.55 97 P	P	P	04 46 44.2 +0.2
RCBR	Riachuelo 41.55 97 eP	eP	P	04 46 44.2 +0.2
T37A	Cheneyville 18 41.59 339 P	P	P	04 46 44.9 +1.0
X31A	McDonald Ranch 41.61 331 P	P	P	04 46 45.1 +1.0
W32A	Sentinel 41.66 333 P	P	P	04 46 45.6 +1.1
Z28A	Tucker Farm, M 41.76 328 P	P	P	04 46 46.3 +0.8
Y29A	Portfield Fa 41.83 329 P	P	P	04 46 47.3 +1.3
X30A	Coker Ranch, T 41.89 330 P	P	P	04 46 47.4 +0.9
T36A	Boggs Farm, Ca 41.90 338 P	P	P	04 46 46.7 +0.3
T35A	Sooner Cattle 42.02 337 P	P	P	04 46 47.6 +0.2
V32A	Arapahoe 42.07 333 P	P	P	04 46 48.8 +1.0
S37A	Fort Scott 42.17 339 P	P	P	04 46 48.0 -0.2
Y28A	McKinney Farm, 42.17 328 P	P	P	04 46 48.0 -0.2
U33A	Lingo Farm, Me 42.26 335 P	P	P	04 46 49.4 +0.7
MNTX	Cornudas Mount 42.28 323 P	P	P	04 46 50.2 +0.8
MNTX	Cornudas Mount 42.28 323 eP	eP	P	04 46 50.4 +0.8
X29A	Tulia 42.31 330 P	P	P	04 46 50.8 +1.0
T34A	McCloskey Farm 42.38 336 P	P	P	04 46 50.5 +0.2
V31A	Spring Creek L 42.48 333 P	P	P	04 46 52.5 +1.4
MSTX	Muleshoe 42.49 328 P	P	P	04 46 52.2 +0.8
MSTX	Muleshoe 42.49 328 eP	eP	P	04 46 52.1 +0.7
U32A	Winter Ranch, 42.60 334 P	P	P	04 46 52.7 +0.6
S35A	Otter Creek Ra 42.61 338 P	P	P	04 46 52.9 +0.8
X28A	Dimmitt 42.62 329 P	P	P	04 46 53.1 +0.7
AMTX	Amarillo 42.64 330 P	P	P	04 46 53.4 +0.9
AMTX	Amarillo 42.64 330 eP	eP	P	04 46 53.5 +0.9
W29A	Amrillito 42.81 330 P	P	P	04 46 54.8 +0.9
R36A	Gordon, Harris 42.87 339 P	P	P	04 46 54.8 +0.6
U31A	Nine Bar Ranch 42.97 333 P	P	P	04 46 56.1 +1.0
HDIL	Hopedale 43.09 347 eP	eP	P	04 46 54.5 -1.4
T32A	Huddler Ranch, 43.24 335 P	P	P	04 46 57.8 +0.5
U30A	WK&E Inc. Balk 43.47 332 P	P	P	04 47 00.6 +1.4
T31A	Randall Ranch, 43.49 334 P	P	P	04 47 00.4 +1.1
R34A	Isabella, Hill 43.51 337 P	P	P	04 46 59.7 +0.3
Q35A	Mercer Eighty, 43.54 339 P	P	P	04 46 59.5 -0.1
V28A	Channing 43.60 330 P	P	P	04 47 01.1 +0.9
S32A	Newby Ranch, P 43.68 335 P	P	P	04 47 01.8 +1.0
V27A	Dan Oppiter Fa 43.91 330 P	P	P	04 47 04.0 +1.3
P36A	Good Intent, A 43.92 340 P	P	P	04 47 02.1 -0.5
U28A	Mallet 44.10 331 P	P	P	04 47 04.8 +0.6
R32A	Long Quarter, 44.20 336 P	P	P	04 47 04.8 +0.6
T29A	Hugoton 44.28 332 P	P	P	04 47 07.3 +1.7
121A	Cookes Peak, D 44.31 322 P	P	P	04 47 07.6 +1.6
Q33A	Connelly Farm, 44.34 337 P	P	P	04 47 06.3 +0.4
R31A	Burdett 44.43 335 P	P	P	04 47 07.7 +1.0
U27A	Thompson Grove 44.43 330 P	P	P	04 47 08.0 +1.2
P34A	Walnut Farm, R 44.44 338 P	P	P	04 47 07.1 +0.4
S29A	Ulysses 44.47 333 P	P	P	04 47 09.4 +1.4
Q32A	Meltler Ranch, 44.62 336 P	P	P	04 47 08.6 +0.4
T28A	Walsh 44.63 331 P	P	P	04 47 09.9 +1.4
R30A	Dighton 44.74 334 P	P	P	04 47 10.7 +1.4
T27A	Campo 44.88 331 P	P	P	04 47 11.2 +0.8
S28A	Manter 44.91 332 P	P	P	04 47 11.6 +1.0
CBKS	Cedar Bluff 44.96 335 P	P	P	04 47 11.8 +0.9
CBKS	Cedar Bluff 44.96 335 eP	eP	P	04 47 11.6 +0.7
Q31A	Ellis 44.97 336 P	P	P	04 47 12.0 +1.0
P32A	Huittig Farm, 45.18 337 P	P	P	04 47 12.8 +0.2
Q33A	Hebron 45.18 338 P	P	P	04 47 12.3 -0.2
N35A	Tabor 45.18 340 P	P	P	04 47 11.7 -0.9
ANMO	Albuquerque 45.24 326 eP	eP	P	04 47 14.2 +0.9
Q30A	Quinter 45.30 335 P	P	P	04 47 14.7 +1.1
T26A	Comanche Natio 45.40 330 P	P	P	04 47 16.4 +1.9
P31A	Stockton 45.40 336 P	P	P	04 47 14.7 +0.3
R28A	Tribune 45.48 333 P	P	P	04 47 16.2 +1.1
JFWS	Jewell Farm 45.55 347 eP	eP	P	04 47 14.0 -1.4
Q29A	Oakley 45.55 334 P	P	P	04 47 16.5 +0.9

S26A	Kim 45.69 331 P	P	P	04 47 18.4 +1.7
T25A	Trinidad 45.78 329 P	P	P	04 47 19.1 +1.5
P30A	Selmon 45.78 335 P	P	P	04 47 19.3 +1.9
LONY	Lake Ozonia 45.80 3 eP	eP	P	04 47 17.5 +0.2
R27A	Eads 45.89 332 P	P	P	04 47 19.2 +0.9
O31A	Woolen Ranch, 45.92 336 P	P	P	04 47 18.4 0.0
Q28A				

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station details. Includes stations like H21A Big Horn, D25A Miller Ranch, B29A Wagenman Farm, etc.

Station lists and coordinates for stations in the 755 range, including details like 'IDC 14 05:04:03.71.8.38', 'ISCBJ 14 05:04:06.0.0.9', etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station details. Includes stations like U14B Concepcin, U65B Hualae, U73B San Pedro, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station details. Includes stations like LEM Lembang, CNJI Cibinong, JCUJ Jatiwangi, etc.

Station lists and coordinates for stations in the 2010 AUG range, including details like 'CSEM 14 05:21:00.9.0.2', 'IDC 14 05:21:00.5.1.6', etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station details. Includes stations like NPS Neapolis, THR6 Third Island, VAM Vamos, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station details. Includes stations like URWZ Te Kaha, HAZ Matawai, MWV Turua, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station details. Includes stations like GUMO Guam, GUYO Tagaytay City, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Prague, GO Pecny, Ondr, Pruhonice, etc.

IDC 14 06:33:29.3.2.1, 17.205N:168.66E, h0km, mb3.7/4, mb1 3.9/5, mb1mx3.6/39, mbtmp3.7/5, ML3.0/1, Error ellipse: s-maj=67.3km s-min=32.1km az=122.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DZM, ASAR, CMAR, SONM, ILAR.

IDC 14 06:37:35.9.1.3, 12.36N:141.85E, h0km, mb3.5/4, mb1 3.8/4, mb1mx3.5/45, mbtmp3.5/4, MS3.0/1, Ms1 3.2/1, ms1mx2.6/27, Error ellipse: s-maj=58.9km s-min=24.1km az=94.0, South of Mariana Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA, ASAR, CMAR, MKAR, ILAR.

IDC 14 06:38:00.8.1.1, 12.32N:141.74E, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.6/43, mbtmp3.7/5, MS2.8/1, Ms1 2.8/1, ms1mx2.5/38, Error ellipse: s-maj=36.3km s-min=23.9km az=86.0

ISCJB 14 06:38:03.6.1.2, 12.3N:0.2:141.7E:0.3, h33km, mb3.6/5, MS2.6/1, Error ellipse: s-maj=38.9km s-min=21.8km az=177.5

ISC 14 06:38:05.8.1.2, 12.33N:0.2:141.7E:0.3, h33km, n7, o554/6, mb3.6/5, South of Mariana Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JNU, WRA, ASAR, CMAR, MKAR, ILAR, LPAZ.

IDC 14 06:41:19.4.1.0, 12.73N:141.78E, h0km, mb3.9/6, mb1 4.1/6, mb1mx3.7/41, mbtmp3.9/6, Error ellipse: s-maj=35.4km s-min=22.6km az=89.0

ISCJB 14 06:41:23.0.1.1, 12.7N:0.1:141.7E:0.3, h33km, mb3.9/6, Error ellipse: s-maj=38.4km s-min=20.6km az=179.0

ISC 14 06:41:24.4.1.1, 12.7N:0.2:141.7E:0.3, h33km, n7, o513/7, mb3.8/6, South of Mariana Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA, ASAR, CMAR, MKAR, ILAR, LPAZ.

AUST 14 06:41:30.2.27.0, 4.49S:155.43E, h2km, 1km, Error ellipse: s-maj=3.3km s-min=1.9km az=322.0

IDC 14 06:41:52.9.0.7, 6.40S:153.88E, h0km, mb4.2/14, mb1 4.3/17, mb1mx4.2/37, mbtmp4.2/17, ML3.5/3, MS3.4/3, Ms1 3.4/3, ms1mx2.9/32, Error ellipse: s-maj=22.1km s-min=15.1km az=99.0

ISCJB 14 06:41:58.4.0.1, 6.39S:0.06:153.70E:0.08, h48km, mb4.2/17, MS3.2/2, Error ellipse: s-maj=12.2km s-min=7.5km az=27.5

NEIC 14 06:41:58.4.0.5, 6.45S:153.83E, h35km, mb4.6/6, Error ellipse: s-maj=15.0km s-min=9.8km az=103.0

ISC 14 06:41:59.9.0.6, 6.43S:0.09:153.81E:0.09, h48km, n38, o122/37, mb4.2/17, New Britain region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Port Moresby, Mount Surprise, Charters Tower, etc.

IDC 14 07:00:58.4.8.5, 32.18S:179.78E, h323km, g95km, mb2.7/2, mb1 3.0/3, mb1mx2.8/20, mbtmp3.6/3, Error ellipse: s-maj=104.9km s-min=44.3km az=2.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DZM, ASAR, CMAR, JNU, MKAR, ZALV, ILAR, GSPA, MAW, NVAR, GERES, BDFB, TORO, TORO, TORO.

IDC 14 06:51:46.7.3.2, 7.06S:150.79E, h0km, mb3.2/2, mb1 3.6/3, mb1mx3.3/30, mbtmp3.4/3, ML1.6/1, Error ellipse: s-maj=119.7km s-min=43.2km az=127.0, New Britain region

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

ISCJB 14 06:57:25.3.0.6, 48.01N:0.03:20.75E:0.03, h0km, 4km, Error ellipse: s-maj=4.8km s-min=2.8km az=169.7

SIGU 14 06:57:25.9.0.2, 47.95N:0.02:20.83E:0.02, h7km, Error ellipse: s-maj=2.3km s-min=2.78E, h5km, ML2.7, Error ellipse: s-maj=3.3km s-min=2.78E, h5km, az=43.0

PRU 14 06:57:31.1, 48.19N:20.83E, h0km, Error ellipse: s-maj=3.3km s-min=2.78E, h5km, az=43.0

ISC 14 06:57:27.2.1.0, 48.01N:0.02:20.79E:0.02, h11km, 9km, n60, o599/90, 12C-11D, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KECS, KECS, KECS, PSZ, PSZ, PSZ, TRPA, TRPA, TRPA, UZH, UZH, UZH, BUD, BUD, MUK, KOLS, VYHS, VYHS, VYHS, LANS, LANS, LANS, STHS, STHS, NIE, NIE, NIE, TRSU, TRSU.

ISCJB 14 07:14:19.4.14.0, 36.11N:70.32E, h132km, 122km, mb3.2/4, mb1 3.3/7, mb1mx3.0/40, mbtmp3.7/7, ML3.6/3, Error ellipse: s-maj=8.7km s-min=25.9km az=33.0

ISCJB 14 07:14:28.0.1.1, 36.7N:0.1:70.3E:0.1, h204km, mb2.9/3, Error ellipse: s-maj=14.9km s-min=12.3km az=169.2

NINC 14 07:14:30.7.6.36, 85N:70.28E, h208km, 71km, mb2.3, mpv3.6, Error ellipse: s-maj=79.4km s-min=40.5km az=166.0

ISC 14 07:14:28.3.1.4, 36.6N:0.10:70.37E:0.10, h204km, n10, o1917/13, mb2.9/3, 5C-1D, Hindu Kush region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DZET, DZET, SFK, SFK, KK31, MKAR, KURBB, AKTO, ZALV, ARCES, NOA, WRA.

IDC 14 07:27:52.4.0.7, 27.32S:108.76W, h0km, mb4.2/8, mb1 4.4/8, mb1mx4.2/24, mbtmp4.2/8, Error ellipse: s-maj=20.1km s-min=12.5km az=15.0

ISCJB 14 07:27:53.6.0.4, 27.27S:0.06:108.3W:0.1, h10km, mb4.7/7, Error ellipse: s-maj=13.2km s-min=8.3km az=170.1

NEIC 14 07:27:55.0.3.0, 27.27S:108.41W, h10km, mb4.9/7, Error ellipse: s-maj=10.5km s-min=6.4km az=81.0

ISC 14 07:27:55.0.5.2, 27.32S:0.10:108.0W:0.07, h10km, n288, o89/291, mb4.9/7, 1C, Easter Island region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PK57, PK57, BRIU, KORU, PK56, PK56, PK56, DRGR, DRGR, SIRR, SIRR, SIRR, PK52, PK52, MEZ, MEZ, PK59, OJC, OJC, OJC, PKSM, PKSM, PKSM, PKSM, NSLU, NSLU, NSLU, OKC, OKC, OKC, MORC, MORC, MORC, BURAR, BURAR, BURAR, DPC, DPC, DPC, VOIR, VOIR, VOIR, KHC, KHC, KHC, KHC, KHC, KHC, KHC, KHC.

IDC 14 07:09:07.6.0.8, 49.65N:75.89E, h0km, mb3.5, mpv3.1, 1C-1D, Error ellipse: s-maj=16.4km s-min=5.4km az=149.0, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like URZ, URZ, ASAR, WRA, FINES.

IDC 14 07:09:07.6.0.8, 49.65N:75.89E, h0km, mb3.5, mpv3.1, 1C-1D, Error ellipse: s-maj=16.4km s-min=5.4km az=149.0, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KUR17, KUR07, KUR07, KUR16, KUR16, KUR06, KUR06, KURBB, KURBB, KUR05, KUR05, KUR15, KUR15, KUR04, KUR04, KUR14, KUR14.

IDC 14 07:14:19.4.14.0, 36.11N:70.32E, h132km, 122km, mb3.2/4, mb1 3.3/7, mb1mx3.0/40, mbtmp3.7/7, ML3.6/3, Error ellipse: s-maj=8.7km s-min=25.9km az=33.0

ISCJB 14 07:14:28.0.1.1, 36.7N:0.1:70.3E:0.1, h204km, mb2.9/3, Error ellipse: s-maj=14.9km s-min=12.3km az=169.2

NINC 14 07:14:30.7.6.36, 85N:70.28E, h208km, 71km, mb2.3, mpv3.6, Error ellipse: s-maj=79.4km s-min=40.5km az=166.0

ISC 14 07:14:28.3.1.4, 36.6N:0.10:70.37E:0.10, h204km, n10, o1917/13, mb2.9/3, 5C-1D, Hindu Kush region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DZET, DZET, SFK, SFK, KK31, MKAR, KURBB, AKTO, ZALV, ARCES, NOA, WRA.

IDC 14 07:27:52.4.0.7, 27.32S:108.76W, h0km, mb4.2/8, mb1 4.4/8, mb1mx4.2/24, mbtmp4.2/8, Error ellipse: s-maj=20.1km s-min=12.5km az=15.0

ISCJB 14 07:27:53.6.0.4, 27.27S:0.06:108.3W:0.1, h10km, mb4.7/7, Error ellipse: s-maj=13.2km s-min=8.3km az=170.1

NEIC 14 07:27:55.0.3.0, 27.27S:108.41W, h10km, mb4.9/7, Error ellipse: s-maj=10.5km s-min=6.4km az=81.0

ISC 14 07:27:55.0.5.2, 27.32S:0.10:108.0W:0.07, h10km, n288, o89/291, mb4.9/7, 1C, Easter Island region

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

IDC 14 07:27:52.4.0.7, 27.32S:108.76W, h0km, mb4.2/8, mb1 4.4/8, mb1mx4.2/24, mbtmp4.2/8, Error ellipse: s-maj=20.1km s-min=12.5km az=15.0

ISCJB 14 07:27:53.6.0.4, 27.27S:0.06:108.3W:0.1, h10km, mb4.7/7, Error ellipse: s-maj=13.2km s-min=8.3km az=170.1

NEIC 14 07:27:55.0.3.0, 27.27S:108.41W, h10km, mb4.9/7, Error ellipse: s-maj=10.5km s-min=6.4km az=81.0

ISC 14 07:27:55.0.5.2, 27.32S:0.10:108.0W:0.07, h10km, n288, o89/291, mb4.9/7, 1C, Easter Island region

CFAA	827nm,0.3s,baz=307,slow=20,SNR=94 Coronel Fontan 35.26 107 P	P	07 34 49.0 -0.9	138A	Matatall Enter baz=61	61.02 13 P	P	07 38 09.8 +1.2	S22A	4UR Ranch, Cre 14nm,1.4s	64.74 2 eP	P	07 38 34.3 +0.6
LPAZ	2.5nm,1.1s,baz=234,slow=5.5,SNR=5.2 La Paz 38.98 82 eP	P	07 35 20.6 -1.9	PFO	Pinyon Flat Ob 51nm,2.5s	61.05 353 eP	P	07 38 08.9 -0.1	S26A	Kim baz=65,SNR=6.7	64.78 4 P	P	07 38 34.4 +0.6
OTAV	6.3nm,1.3s Otavalo 39.87 52 eP	P	07 35 28.0 -1.6	BNM	Bank Site 61.16 2 eP	61.16 2 eP	P	07 38 10.7 +0.8	SDCO	Great Sand Dun baz=65,SNR=9.2	64.78 3 P	P	07 38 34.3 +0.2
JTS	5.0nm,0.9s JuntasAbangare 43.85 35 eP	P	07 36 02.9 +1.3	139A	Bunkhouse Ranc baz=61	61.18 14 P	P	07 38 10.3 +0.6	SDCO	Great Sand Dun 13nm,1.4s	64.78 3 eP	P	07 38 34.5 +0.5
ROSC	4.2nm,0.6s,baz=223,slow=1.5,SNR=10 El Rosal 46.03 51 eP	P	07 36 18.5 -1.0	Y28A	McKinley Farm, baz=62	61.19 6 P	P	07 38 11.1 +1.2	U38A	Gravette baz=65	64.81 13 P	P	07 38 33.8 0.0
ROSC	17nm,1.1s SAMIL Samuel 46.56 76 eP	P	07 36 20.0 +0.6	Y29A	Porterfield Fa baz=62	61.20 7 P	P	07 38 10.2 +0.3	S28A	Manter baz=65	64.87 6 P	P	07 38 35.4 +1.1
PTGA	6.1nm,1.0s Pitinga 53.57 69 eP	P	07 36 22.3 -0.9	MSTX	Muleshoe baz=62,SNR=8.0	61.20 6 P	P	07 38 10.2 +0.2	T34A	McClaskey Farm baz=65	64.89 10 P	P	07 38 34.9 +0.6
034A	Hebronville baz=55,SNR=6.7	P	07 37 29.6 +0.6	MSTX	Muleshoe 14nm,0.9s	61.20 6 eP	P	07 38 08.0 -2.0	T35A	Sooner Cattle baz=65	64.89 11 P	P	07 38 35.0 +0.6
933A	Laredo baz=56,SNR=11	P	07 37 33.7 +0.7	Z35A	Perchaven, San baz=62	61.27 11 P	P	07 38 10.4 0.0	PV01	Paradox Valley baz=65	65.11 0 eP	P	07 38 36.5 +0.5
832A	Faith Ranch, C baz=56	P	07 37 34.3 +0.8	LPM	Los Pinos Moun baz=62	61.32 2 eP	P	07 38 11.9 +1.0	T36A	Boggs Farm, Ca baz=65	65.14 11 P	P	07 38 36.3 +0.3
834A	Tilden baz=56	P	07 37 33.7 -0.2	Z36A	Blue Ridge baz=62	61.35 12 P	P	07 38 11.6 +0.7	PV04	Paradox Valley Cheneyville 18 baz=66,SNR=7.7	65.37 360 eP	P	07 38 38.4 +0.8
833A	Chaparral WMA, baz=56,SNR=10	P	07 37 36.3 +0.1	BELC	Belle Mtn. Jos baz=62	61.39 353 P	P	07 38 13.0 +1.6	T37A	Paradox Valley baz=66,SNR=7.7	65.38 12 P	P	07 38 37.6 +0.1
732A	Laxson Ranch, baz=57	P	07 37 37.7 +0.9	LAZ	Ladron 61.40 1 eP	61.40 1 eP	P	07 38 11.8 +0.4	R26A	Arlington baz=66	65.45 4 P	P	07 38 38.5 +0.4
733A	Divot King Ran baz=57	P	07 37 36.3 -1.3	Y31A	Rekiela Farm, baz=62,SNR=10	61.45 8 P	P	07 38 12.0 +0.4	PV09	Paradox Valley Eads baz=66	65.47 360 eP	P	07 38 39.2 +0.7
TXAR	Lajitas Array 56.53 5 P	P	07 37 39.1 +0.6	IRM	Iron Mountain baz=62	61.46 354 P	P	07 38 13.0 +1.4	R27A	Paradox Valley Eads baz=66	65.48 5 P	P	07 38 37.6 -0.7
734A	La Parita Cree baz=57	P	07 37 40.2 +0.7	PDMC	Pecker Dam,Lak baz=62	61.51 355 P	P	07 38 13.3 +1.4	TPH	Topoph 11nm,1.1s	65.55 353 eP	P	07 38 39.2 +0.4
735A	Kenedy baz=57	P	07 37 40.8 +0.5	Y32A	R-V Farms, Ver baz=62	61.60 9 P	P	07 38 12.8 +0.2	MSU	Marysvalle baz=66	65.57 357 eP	P	07 38 40.3 +1.2
631A	Perdido Creek baz=57,SNR=5.2	P	07 37 42.3 +0.5	X29A	Tulla baz=62	61.77 6 P	P	07 38 14.1 +0.2	R28A	Tribune baz=66	65.62 6 P	P	07 38 40.0 +0.8
632A	Uvalde baz=57,SNR=7.0	P	07 37 42.9 +0.8	Y34A	Ranch Ranch, baz=62	61.80 10 P	P	07 38 14.1 +0.1	R11A	Troy Canyon, C baz=66	65.65 354 P	P	07 38 40.8 +1.3
633A	Saathoff Ranch baz=57	P	07 37 44.7 +0.9	X30A	Coker Ranch, T baz=62	61.86 7 P	P	07 38 14.8 +0.4	R11A	Troy Canyon, C 9.3nm,1.4s	65.65 354 eP	P	07 38 39.2 -0.3
529A	Stev Forest Ra baz=58,SNR=14	P	07 37 45.8 +0.9	ANMO	Albuquerque 3.6nm,1.1s	61.96 2 eP	P	07 38 15.6 +0.4	S35A	Otter Creek Ra baz=66	65.67 11 P	P	07 38 40.2 +0.7
530A	J-C Ranch, Com baz=58,SNR=27	P	07 37 46.7 +1.4	Y36A	Durant baz=62	61.99 12 P	P	07 38 16.0 +0.8	S36A	Lake Cedric, C baz=66,SNR=5.2	65.84 11 P	P	07 38 40.6 +0.2
637A	Eagle Lake baz=58	P	07 37 46.8 +1.1	X32A	Elmer baz=62	62.03 9 P	P	07 38 16.2 +0.7	CMB	Columbia Colle 8.2nm,1.0s	65.94 350 eP	P	07 38 40.8 -0.4
531A	Rocksprings baz=58,SNR=16	P	07 37 46.8 +0.8	GMRC	Granite Mounta baz=62	62.12 353 P	P	07 38 17.4 +1.2	PBMO	Poplar Bluff 14nm,1.0s	66.01 16 eP	P	07 38 41.2 -0.4
532A	Rocksprings baz=58,SNR=17	P	07 37 46.9 +0.1	X31A	Donald Ranch baz=62	62.15 8 P	P	07 38 16.5 +0.2	S37A	Fort Scott baz=66,SNR=5.3	66.01 12 P	P	07 38 42.1 +0.5
533A	Kerrville baz=58,SNR=7.3	P	07 37 47.6 -0.1	Y37A	Hugo baz=62,SNR=6.9	62.19 12 P	P	07 38 17.3 +0.7	NVAR	Mina Array Bea 3.3nm,0.7s,baz=181,slow=9.4,SNR=33	66.08 18 eP	P	07 38 41.0 -1.9
534A	Blanco baz=58,SNR=5.7	P	07 37 47.6 -0.1	AMTX	Amarillo baz=62	62.21 6 P	P	07 38 17.4 +0.6	WVT	Waverly 7.3nm,1.3s	66.11 358 eP	P	07 38 41.8 -0.6
429A	Davenport Ranc baz=58,SNR=6.1	P	07 37 49.3 +0.8	AMTX	Amarillo 52nm,2.3s	62.21 6 eP	P	07 38 15.9 -0.9	SRU	San Rafael 12nm,1.0s	66.11 358 eP	P	07 38 41.8 -0.6
JCT	Junction City baz=58,SNR=7.3	P	07 37 49.3 +0.8	X33A	Lawton baz=62	62.26 9 P	P	07 38 17.1 0.0	SMCO	Snowmass 7.0nm,1.1s	66.17 1 eP	P	07 38 44.2 +1.2
JCT	Junction City 32nm,1.3s	eP	07 37 47.9 -0.6	X35A	Drake baz=63	62.36 11 P	P	07 38 17.8 +0.1	KSCO	Keye Sheddock' 24nm,1.5s	66.22 5 eP	P	07 38 43.0 -0.1
431A	Sonora baz=58,SNR=27	P	07 37 49.8 +0.4	LDFC	Ladfair 33nm,1.2s	62.36 354 eP	P	07 38 19.9 +2.0	WAKR	Walker baz=66	66.26 351 eP	P	07 38 43.6 +0.2
430A	Baggett Ranch, baz=58	P	07 37 50.3 +0.6	SBA	Scott Base 44nm,2.2s	62.37 194 eP	P	07 38 19.2 +1.9	TMUT	Trail Mountain 22nm,1.6s	66.31 358 eP	P	07 38 44.1 +0.2
537A	Green Hill Far baz=58	P	07 37 51.3 +0.2	Y39A	Lockesburg baz=63,SNR=8.8	62.45 14 P	P	07 38 18.7 +0.4	R35A	Emporia Munci baz=67	66.32 11 P	P	07 38 44.2 +0.6
433A	Art baz=59,SNR=6.1	P	07 37 51.2 0.0	EDW2	Edwards Air Fo baz=63	62.50 351 P	P	07 38 20.2 +1.6	Q28A	Sharon Springs baz=67	66.34 6 P	P	07 38 44.1 +0.4
432A	Menard baz=59	P	07 37 52.0 +0.4	WUAZ	Wupatki baz=63	62.55 357 P	P	07 38 20.4 +1.3	R36A	Gordon, Harris baz=67	66.44 11 P	P	07 38 44.4 +0.1
434A	Burnet baz=59,SNR=9.5	P	07 37 52.0 +0.4	WUAZ	Wupatki 22nm,2.4s	62.55 357 eP	P	07 38 20.4 +1.3	CPCT	Cooper Cave baz=67	66.44 21 eP	P	07 38 44.5 0.0
435B	Jarrell baz=59	P	07 37 53.4 +0.2	X36A	Centrahoma baz=63	62.63 11 P	P	07 38 19.6 +0.1	Q31A	Ellis baz=67	66.45 8 P	P	07 38 45.3 +0.3
MNTX	Cornudas Moun baz=59,SNR=13	P	07 37 53.4 +0.2	W32A	Sentinel baz=63	62.73 9 P	P	07 38 20.0 -0.2	R37A	Teagarden Farm baz=67	66.55 12 P	P	07 38 45.1 +0.1
MNTX	Cornudas Moun 11nm,1.1s	eP	07 37 51.5 -1.7	GSC	Goldstone baz=63	62.76 352 P	P	07 38 21.8 +1.3	Q32A	Meitler Ranch, baz=67	66.63 9 P	P	07 38 45.8 +0.3
329A	Wagon Wheel Ra baz=59	P	07 37 54.2 +0.5	GSC	Goldstone 23nm,1.6s	62.76 352 eP	P	07 38 22.0 +1.5	P26A	Davis Ranch, A baz=67	66.71 4 P	P	07 38 46.4 +0.2
331A	San Angelo baz=59,SNR=10.0	P	07 37 53.7 +0.1	TUQ	Turquoise Moun baz=63,SNR=5.1	62.80 353 P	P	07 38 22.5 +1.7	Q33A	Connelly Farm, baz=67	66.73 9 P	P	07 38 46.2 0.0
330A	Mertzton baz=59,SNR=9.7	P	07 37 54.0 +0.3	X37A	Clayton baz=63	62.83 12 P	P	07 38 20.7 -0.2	P27A	Ficken Ranch, baz=67	66.76 5 P	P	07 38 47.1 +0.6
332A	Millersview baz=59,SNR=10	P	07 37 54.4 -0.3	QSPA	South Pole Qui 9.8nm,1.5s	62.86 180 eP	P	07 38 22.2 +1.3	ISCO	Idaho Springs baz=67,SNR=7.8	66.83 2 P	P	07 38 47.6 +0.4
333A	Richland Sprin baz=59,SNR=14	P	07 37 55.4 +0.3	W33A	Caddo, Fort Co baz=63	62.87 9 P	P	07 38 21.5 +0.4	ISCO	Idaho Springs 8.6nm,1.2s	66.83 2 eP	P	07 38 47.3 +0.1
214A	Organ Pipe Nat baz=59,SNR=8.4	P	07 37 56.0 +0.6	X38A	Whitesboro baz=63	63.01 13 P	P	07 38 21.7 -0.4	NLU	North Lily Min 15nm,1.3s	67.00 357 eP	P	07 38 48.6 +0.4
214A	Organ Pipe Nat 23nm,1.4s	eP	07 37 55.3 -0.1	Y28A	Channing baz=63	63.02 6 P	P	07 38 23.2 +1.0	P31A	Stockton baz=67	67.05 8 P	P	07 38 49.0 +0.8
334A	Lometa baz=59,SNR=9.4	P	07 37 55.5 -0.4	W34A	Bridge Creek, 24nm,1.3s	63.05 10 eP	P	07 38 22.2 -0.1	O20A	White River Ci baz=67,SNR=6.0	67.11 0 P	P	07 38 50.1 +1.3
335A	Moody baz=60	P	07 37 56.5 0.0	TIGA	Tifton baz=63	63.11 24 P	P	07 38 23.1 +0.3	O20A	White River Ci 19nm,1.5s	67.11 0 eP	P	07 38 50.1 +1.3
230A	Sterling City baz=60,SNR=6.4	P	07 37 57.2 +0.2	MIAR	Mount Ida baz=63	63.15 14 P	P	07 38 23.2 +0.2	SIUC	Southern Illin 3.2nm,0.5s	67.20 17 eP	P	07 38 48.4 -0.7
TUC	Tucson 9.9nm,1.1s	eP	07 37 56.9 -0.3	MIAR	Mount Ida 7.2nm,1.1s	63.15 14 eP	P	07 38 22.7 -0.3	P32A	Huitt Farm, baz=68	67.28 8 P	P	07 38 49.9 +0.5
336A	Riesel baz=60	P	07 37 58.5 +0.6	V30A	Spur Ranch, Mi baz=63	63.18 7 P	P	07 38 24.4 +1.1	DUG	Dugway baz=68	67.28 356 P	P	07 38 51.1 +1.3
231A	Bronte baz=60	P	07 37 58.0 0.0	W36A	Wetumka baz=64	63.21 11 P	P	07 38 24.2 +0.9	DUG	Dugway 6.3nm,1.2s	67.28 356 eP	P	07 38 51.3 +1.5
232A	Coleman baz=60,SNR=12	P	07 37 58.2 -0.1	V31A	Spring Creek L baz=64	63.29 8 P	P	07 38 24.8 +0.8	O27A	Beecher Island baz=69	67.40 5 P	P	07 38 51.0 +0.4
121A	Cookes Peak, D baz=60,SNR=5.0	P	07 37 59.7 +1.1	W37A	Quinton baz=64	63.35 12 P	P	07 38 25.0 +0.7	P34A	Walnut Farm, R baz=68	67.42 10 P	P	07 38 50.9 +0.4
121A	Cookes Peak, D 32nm,1.7s	eP	07 37 59.8 +1.1	VNDA	Vanda 0.9nm,0.9s,baz=90,slow=6.1,SNR=2.6	63.45 194 P	P	07 38 22.9 -1.6	O30A	MW Ranch, Wils baz=68	67.62 7 P	P	07 38 52.4 +0.6
338A	Crockett baz=60	P	07 38 00.5 +0.8	VNDA	Vanda 3.9nm,1.3s	63.45 194 eP	P	07 38 26.1 +1.7	O33A	Hebron baz=68	67.83 9 P	P	07 38 53.8 +0.7
234A	Clairette baz=60,SNR=7.7	P	07 38 00.3 -0.2	V33A	Lossen Ranch, baz=64	63.55 9 P	P	07 38 25.9 +0.3	USIN	University of 11nm,0.9s	67.84 18 eP	P	07 38 52.7 -0.6
128A	Castleberry Fa baz=60,SNR=12	P	07 38 01.3 +0.2	MPMC	Manual Prosch baz=69,SNR=8.9	63.59 352 P	P	07 38 26.8 +0.7	BMN	Battle Mountai 12nm,1.2s	67.88 353 eP	P	07 38 54.9 +1.2
WHTX	Lake Whitney baz=60	P	07 38 01.3 +0.1	VES	Vestal, Richgr baz=64	63.59 350 P	P	07 38 27.5 +1.6	N23A	Red Feather La baz=68,SNR=6.6	67.91 2 eP	P	07 38 54.8 +0.9
WHTX	Lake Whitney 13nm,0.9s	eP	07 38 01.4 +0.1	U27A	Thompson Grove baz=64	63.63 5 P	P	07 38 26.6 +0.3	N23A	Red Feather La 8.7nm,1.1s	67.91 2 eP	P	07 38 53.7 -0.3
129A	Stewart Farms, baz=60	P	07 38 02.5 +0.9	V34A	Guthrie 15nm,0.9s	63.68 10 eP	P	07 38 26.6 +0.2	O32A	Brockman Farm, baz=68	67.91 9 P	P	07 38 54.3 +0.6
130A	Snyder baz=60	P	07 38 02.4 +0.4	V34A	Guthrie 15nm,0.9s	63.68 10 eP	P	07 38 26.8 +0.					

Table with columns: I25A, J05D, RSSD, I27A, I28A, H20A, ECSD, H22A, CLMT, MCMT, G24A, G26A, H34A, G27A, G08A, F27A, E26A, CHMT, SLMT, BSMT, C09A, NEW, ULM, SYO, MAW, MAW, H11S2, H11S1, H11S3, H11N3, H11N1, H11N2, H01W1, H01W2, H01W3, CLL, SONM, ZALV, CMAR, CMAR, BUI, NEIC, GCMT, NEIC, ISCJB, MOS, IDC, NEIC, ISC. Each row contains station name, coordinates, and other technical data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Contains station codes and names like GUMO, BAKI, SBPI, etc.

Main table with columns: JAY, GENI, SRPI, RKPI, MSLP, DAV, DAV, OVL, SWI, SUI, PVCP, CGP, FAKI, FAKI, TINTI, TINTI, AUQP, LBMI, JOW, JOW, JOW, LQP, MSAL, TGJ, CUYO, APYP, BNDI, BCPI, JHJ2, JHJ2, JHJ, JHJ, ABRA, KMSI, SZP, SZP, SANI, NLAI, YJO, YJO, YJO, YJO, BOLP, GTOI, TWG, TWG, YULB, YULB, NACB, NACB, PMG, PMG, PMG, PMG, SSSL, SAUI, SAUI, SAUI, TPUB, YHNB, YHNB, MRSI, TATO, TATO, JNU, JNU, JNU, LUWI, LUWI, APSI, MYLDM, MYLDM, MJAR, MJAR, MAJO, MAJO, MAJO, MAT, MAT, TSM, KDI, SKDM, SKDM, H1S3, H1S1. Each row contains station name, coordinates, and other technical data.

Table with columns: H11S2, OZH, OZH, OZH, OZH, KSJUU, KSJUU, PCI, KSTOV, KSTOV, KSBUS, KSBUS, H11N1, H11N2, H11N3, KKM, KKM, BBSI, KSDAG, KSDAG, KYOC, COEN, COEN, TTSI, SSE, SSE, SSE, SSE, KSULL, KSULL, SPSI, KSBON, KSBON, KAPI, KAPI, KAPI, KSRK, KSRK, KSRK, KSRK, KSAR, KSAR, BSSI, SOEI, SOEI, SOEI, HKC, KSSWO, KSJJA, KSJJA, MMRI, MMRI, KSSK, HNR, HNR, HNR, HNR, INCC, KSDCC, NJ2, NJ2, NJ2, NJ2, KSGAH, KSMUS, YNCB, EDFI, GZH, GZH, GZH, ERM, ERM, ERM, ERM. Each row contains station name, coordinates, and other technical data.

Table with columns for station code, name, frequency, and other parameters. Includes stations like CMAI, CMAR, CMMT, CHTO, etc.

Table with columns for station code, name, frequency, and other parameters. Includes stations like CLNS, MSFV, DGPR, etc.

Table with columns for station code, name, frequency, and other parameters. Includes stations like WMQ, DANN, KOLN, etc.

Table with columns: DDI, Dehra Dun, 61.04 298, eP, P, AMB, 07 40 30.9, 0.0, 07 40 36.2, 07 40 50.0, +17, XMAS, Kiritimatii, 61.28 94, PFAKE, LR, SNZO, South Karori, 61.55 152, eP, P, 07 40 33.2, -0.7, BHPL, Bhopal, 61.57 290, eP, P, 07 40 33.8, -0.8, NDI, New Delhi, 61.72 296, eP, P, 07 40 35.0, -0.5, NDI, NDI, 07 41 54.6, eP, AMB, NDI, NDI, comp=Z,247nm,1.5s, eS, S, 07 48 58.0, +0.6, BFZ, Birch Farm, 61.78 151, eP, P, 07 40 35.5, 0.0, BFZ, BFZ, comp=Z,406nm,1.1s, S, LR, SMLA, Simla, 61.84 299, i P, AMB, 07 40 35.8, -0.3, SMLA, SMLA, comp=Z,624nm,0.8s, i x, P, 07 48 28.1, SMLA, KHZ, Kahutara, 61.92 154, eP, x, 07 40 36.3, -0.1, KHZ, KHZ, comp=Z,26um,22.0s, LR, LR, NVS, NVS, 61.94 326, i P, S, 07 40 36.0, -0.4, NVS, NVS, eS, S, 07 49 00.0, +0.8, NVS, NVS, comp=N,274nm,1.9s, pmax, pmax, NVS, NVS, comp=E,767nm,1.9s, smax, smax, RPZ, Rata Peaks, 61.95 156, eP, P, 07 40 36.4, -0.2, RPZ, RPZ, comp=E,288nm,0.9s, LR, LR, SDPT, Sand Point, 61.96 33, eP, P, 07 40 36.4, -0.1, SDPT, SDPT, comp=Z,9um,20.0s, LR, LR, SDNR, Sundarnagar, 62.02 299, eP, P, 07 40 37.0, -0.5, DCZ, Deep Cove, 62.04 160, eP, P, 07 40 37.6, +0.5, URV, Urvakonda, 62.31 280, eP, Iamb, 07 40 34.9, -4.7, URV, URV, comp=Z,392nm,2.1s, IVMs_BB, IVMs_BB, 08 04 01.4, URV, URV, comp=Z,2um,21.8s, BHK, Bhakra, 62.49 299, eP, P, 07 40 40.2, -0.8, DHRM, DHARAMSHALA, 62.62 300, AMB, AMB, 07 40 40.5, -1.2, DHRM, DHRM, comp=Z,437nm,2.6s, KLRI, Killari, 62.65 284, eP, Iamb, 07 40 40.9, -1.0, KLRI, KLRI, ePP, PP, 07 43 02.8, +3.0, KLRI, KLRI, eS, SS, 07 49 09.2, -0.2, KLRI, KLRI, eS, SS, 07 53 17.1, +2.9, KLRI, KLRI, IVMs_BB, IVMs_BB, 08 07 48.5, WHZ, Wether Hill Ro, 62.67 160, eP, P, 07 40 40.5, -0.8, ODZ, Otahua Downs, 62.91 157, eP, P, 07 40 46.1, +3.1, ODZ, ODZ, comp=Z,2um,2.7s, LR, LR, AAA, Alma-Ata, 63.16 312, i P, S, 07 40 47.3, +2.4, AAA, AAA, pmax, pmax, 07 49 10.7, -4.4, AAA, AAA, comp=Z,5um,9.0s, smax, smax, AAA, AAA, comp=E,10um,17.7s, MLR, MLR, TNA, Tin City, 63.16 21, eP, P, 07 40 45.6, +1.3, TNA, TNA, comp=Z,13um,21.0s, LR, LR, CHGN, Chignik, 63.37 33, eP, P, 07 40 48.0, +2.1, KSH, Kashi, 63.41 308, eP, P, 07 40 48.4, +1.7, KSH, KSH, eP, PP, 07 40 52.5, -1.2, KSH, KSH, eP, SP, 07 40 55.1, -1.2, KSH, KSH, ePP, PP, 07 43 09.3, +3.1, KSH, KSH, S, S, 07 49 18.0, -0.6, KSH, KSH, eSS, SS, 07 53 26.8, +1.2, KSH, KSH, PMZ, KSH, KSH, comp=Z,890nm,2.1s, PMZ, KSH, KSH, comp=Z,2um,2.9s, LN, KSH, KSH, comp=Z,10um,21.4s, LE, KSH, KSH, comp=Z,4um,14.5s, LZ, KURK, Kurchatov, 63.45 321, P, P, 07 40 46.5, 0.0, KURK, KURK, S, S, 07 49 18.5, +0.1, KURK, KURK, S, S, 07 40 46.5, 0.0, KURK, KURK, S, S, 07 49 18.5, +0.1, KURBB, Kurchatov Arra, 63.48 321, P, P, 07 40 46.5, -0.3, KURBB, KURBB, comp=Z,198nm,0.8s,baz=104,slo=6.7,SNR=421, S, S, 07 49 18.5, -0.3, TRD, Trivandrum, 63.49 273, eP, P, 07 40 47.0, -0.5, ULHL, Ulahol, 63.53 311, P, P, 07 40 47.6, 0.0, ULHL, ULHL, SNR=60, SNR=60, TKM2, Tokmak 2, 64.09 312, P, P, 07 40 51.2, 0.0, TKM2, TKM2, SNR=45, SNR=45, TKM2, Tokmak 2, 64.09 312, P, P, 07 40 51.5, +0.3, TKM2, TKM2, comp=Z,15um,1.0s, pmax, pmax, TKM2, TKM2, comp=Z,126nm,0.9s, LR, LR, TKM2, TKM2, comp=Z,15um,20.0s, LR, LR, KZA, Kyzart, 64.24 311, P, P, 07 40 53.4, +0.9, KZA, KZA, SNR=65, SNR=65, KBA, Karagaybulak, 64.53 311, P, P, 07 40 54.0, 0.0, KBA, KBA, SNR=25, SNR=25, CHMS, Chumysh, 64.71 312, P, P, 07 40 54.8, -0.3, CHMS, CHMS, SNR=65, SNR=65, FRU, Bishkek, 64.79 312, i P, S, 07 40 56.0, +0.4, FRU, FRU, eS, S, 07 49 40.0, +4.6, FRU, FRU, e, e, 07 49 50.0, FRU, FRU, e, e, 07 53 40.0, FRU, FRU, comp=Z,920nm,2.4s, MLR, MLR, FRU, FRU, comp=Z,12um,21.0s, MLR, MLR, AAK, Ala-Archa, 64.86 311, P, P, 07 40 56.6, +0.3, AAK, AAK, SNR=17, SNR=17, AAK, AAK, comp=Z,116nm,1.1s, pmax, pmax, AAK, AAK, comp=Z,116nm,1.1s, pmax, pmax, AAK, AAK, comp=Z,458nm,0.9s,SNR=30, LR, LR, AAK, AAK, comp=Z,105nm,1.0s, LR, LR, USP, Oспенovka, 64.93 312, P, P, 07 40 56.2, -0.3, USP, USP, SNR=39, SNR=39, POO, Poona, 65.21 285, eP, P, 07 40 58.1, -0.6, SFK, Sufi-Kurgan, 65.36 308, P, P, 07 43 21.0, -1.3, SFK, SFK, e, e, 07 40 58.2, -1.4, EKS2, Erkin-Say, 65.39 311, P, P, 07 40 59.6, 0.0, EKS2, EKS2, SNR=33, SNR=33, EKS2, EKS2, comp=Z,126nm,1.0s, MLR, MLR, EKS2, EKS2, comp=Z,20um,21.0s, LR, LR, EKS2, EKS2, comp=Z,126nm,1.0s, LR, LR, AML, Almayashu, 65.40 311, P, P, 07 41 00.5, +0.5, AML, AML, SNR=27, SNR=27

Table with columns: GOA, Goa, 65.55 282, eP, P, AMB, 07 41 00.0, -0.9, 07 41 03.5, 07 41 05.5, +0.5, SVW2, Sparrevohn, 66.30 28, eP, P, 07 41 05.5, +0.5, OHAK, Old Harbor, 66.34 33, eP, P, 07 41 05.2, -0.1, OHAK, OHAK, comp=Z,316nm,1.4s, LR, LR, KDKA, Kodiak Island, 66.85 32, P, P, 07 41 08.6, +0.1, KDKA, Kodiak Island, 66.85 32, eP, P, 07 41 09.1, +0.7, KDKA, Kodiak Island, 66.85 32, eP, P, 07 41 09.5, +1.0, KDKA, Kodiak Island, 66.85 32, eP, P, 07 41 09.2, +0.7, RSO, Redoubt South, 67.44 29, eP, P, 07 41 12.2, -0.3, KK31, Karatay Array, 67.82 312, i P, pmax, 07 41 13.0, -2.0, KK31, KK31, comp=Z,209nm,1.1s, P, P, 07 41 14.9, -0.1, KKAR, Karatay Array, 67.82 312, eP, P, 07 41 14.9, -0.1, SPU, Mount Spry, 67.96 29, eP, P, 07 41 15.2, -0.4, BRLK, Bradly Lake, 68.18 30, eP, P, 07 41 16.6, -0.3, BRLK, BRLK, comp=Z,8um,22.0s, LR, LR, PPLA, Purkeypile, 68.36 27, eP, P, 07 41 18.3, +0.1, PPLA, PPLA, comp=Z,15um,20.0s, LR, LR, CAST, Castle Rocks, 68.55 26, eP, P, 07 41 19.1, 0.0, CAST, CAST, comp=Z,16um,21.0s, LR, LR, IM04, Indian Mountain, 68.60 23, eP, P, 07 41 18.5, -0.9, SUA, Suisuna Inlet, 68.65 28, eP, P, 07 41 19.7, -0.3, SUA, SUA, comp=Z,2um,2.8s, LR, LR, BHUJ, Bhuj, 68.71 290, eP, AMB, 07 41 21.4, +0.5, BHUJ, BHUJ, comp=Z,199nm,1.8s, AMB, AMB, 07 41 24.6, KBL, Kabul, 68.73 302, eP, P, 07 41 20.5, -0.6, KBL, KBL, comp=Z,134nm,0.9s, MLR, MLR, KBL, Kabul, 68.73 302, eP, P, 07 41 20.5, -0.6, KBL, KBL, comp=Z,134nm,0.9s, LR, LR, BVAO, Borovoye Arra, 68.89 322, i P, pmax, 07 41 21.2, -0.3, BVAO, BVAO, comp=Z,308nm,0.9s, Borovoye Arra, 68.89 322, P, P, 07 41 21.2, -0.3, BVAR, Borovoye Arra, 68.89 322, P, P, 07 41 21.2, -0.3, BVAR, BVAR, comp=Z,101nm,0.5s,baz=112,slo=8.8,SNR=154, S, S, 07 50 23.5, -1.0, BVAR, BVAR, comp=Z,0.2nm,0.4s,baz=134,slo=10,SNR=2.2, PKP2bc, 08 09 32.3, BRVK, Borovoye, 68.95 322, eP, P, 07 41 21.6, -0.3, BRVK, BRVK, comp=Z,5.2nm,1.1s,baz=264,slo=2,SNR=10.0, pmax, pmax, BRVK, BRVK, comp=Z,677nm,2.5s, 68.95 322, P, P, 07 41 21.1, -0.8, BRVK, BRVK, comp=Z,3um,1.4s, 68.95 322, eP, P, 07 41 21.0, -0.8, BRVK, BRVK, comp=Z,740nm,1.3s, LR, LR, BRVK, BRVK, comp=Z,36um,22.0s, 68.96 30, eP, P, 07 41 21.5, -0.2, SEW, Seward, 68.96 30, eP, LR, LR, SEW, SEW, comp=Z,13um,21.0s, LR, LR, RC01, Rabbit Creek A, 69.03 29, eP, P, 07 41 21.9, -0.3, RC01, RC01, comp=Z,2um,2.6s, LR, LR, BPAW, Bear Paw Mtn, 69.20 26, eP, P, 07 41 23.1, -0.1, BPAW, BPAW, comp=Z,592nm,2.8s, LR, LR, TRF, Thorfare Mountain, 69.33 26, eP, P, 07 41 23.5, -0.8, TRF, TRF, comp=Z,192nm,1.2s, LR, LR, PMR, Palmer, 69.43 29, eP, pmax, 07 41 23.5, -1.1, PMR, PMR, comp=Z,2um,2.6s, MLR, MLR, PMR, PMR, comp=Z,15um,22.0s, 69.43 29, eP, P, 07 41 23.5, -1.1, PMR, PMR, comp=Z,2um,2.6s, LR, LR, MLY, Manley, 69.55 25, eP, P, 07 41 25.7, +0.4, MLY, MLY, comp=Z,257nm,1.2s, LR, LR, SML, Sawmill, 69.85 28, eP, pmax, 07 41 26.1, -1.2, SML, SML, comp=Z,18um,21.0s, MLR, MLR, SML, SML, comp=Z,62nm,1.2s, LR, LR, BWN, Browne, 69.86 26, eP, P, 07 41 27.8, +0.6, BWN, BWN, comp=Z,4um,21.0s, LR, LR, RND, Reindeer, 69.95 27, eP, pmax, 07 41 27.0, -0.9, RND, RND, comp=Z,2um,3.0s, MLR, MLR, RND, Reindeer, 69.95 27, eP, P, 07 41 27.0, -0.9, RND, RND, comp=Z,18um,21.0s, LR, LR, MCK, McKinley, 69.99 26, eP, pmax, 07 41 27.5, -0.6, MCK, MCK, comp=Z,2um,2.6s, MLR, MLR, MCK, MCK, comp=Z,20um,21.0s, 69.99 26, eP, P, 07 41 27.4, -0.6, MCK, MCK, comp=Z,2um,2.6s, LR, LR, SCM, Sheep Creek Mo, 70.32 28, eP, pmax, 07 41 30.3, +0.1, SCM, SCM, comp=Z,469nm,1.2s, MLR, MLR, SCM, SCM, comp=Z,12um,21.0s, 70.32 28, eP, P, 07 41 30.3, +0.1, SCM, SCM, comp=Z,469nm,1.2s, LR, LR, COLD, Coldfoot, 70.34 23, eP, LR, LR, COLD, COLD, comp=Z,2um,2.7s, LR, LR, WRH, Wood River Hill, 70.52 26, eP, P, 07 41 30.5, -0.7, WRH, WRH, comp=Z,9um,22.0s, LR, LR, MDM, Murphy Dome, 70.56 25, eP, P, 07 41 33.8, +2.2, CCB, Clear Creek Bu, 70.67 26, eP, P, 07 41 30.9, -1.3, CCB, CCB, comp=Z,1um,2.6s, LR, LR, COLA, College, 70.70 25, i P, pmax, 07 41 29.7, -2.6, COLA, COLA, comp=Z,20nm,1.2s, pmax, pmax, COLA, COLA, comp=Z,20nm,1.2s, 70.70 25, eP, P, 07 41 31.8, -0.6, COLA, COLA, comp=Z,240nm,1.5s, LR, LR, WRH, Wood River Hill, 70.52 26, eP, P, 07 41 30.5, -0.7, WRH, WRH, comp=Z,20um,21.0s, LR, LR, MDM, Murphy Dome, 70.56 25, eP, P, 07 41 33.8, +2.2, CCB, Clear Creek Bu, 70.67 26, eP, P, 07 41 30.9, -1.3, CCB, CCB, comp=Z,1um,2.6s, LR, LR, COLA, College, 70.70 25, i P, pmax, 07 41 29.7, -2.6, COLA, COLA, comp=Z,20nm,1.2s, pmax, pmax, COLA, COLA, comp=Z,20nm,1.2s, 70.70 25, eP, P, 07 41 31.8, -0.6, COLA, COLA, comp=Z,240nm,1.5s, LR, LR, KLU, Klutina, 70.92 29, eP, P, 07 41 34.3, +0.4, KLU, KLU, comp=Z,2um,2.8s, LR, LR, DIV, Divide, 70.93 29, eP, P, 07 41 34.4, +0.4, DIV, DIV, comp=Z,15um,22.0s, comp=Z,2um,2.6s

Table with columns: DIV, Harding Lake, 70.98 26, PFAKE, LR, LR, 07 41 50.0, +16, ILAR, Elision Array, 71.08 25, P, P, 07 41 32.6, -2.1, ILAR, ILAR, comp=Z,19um,21.0s, LR, LR, ILAR, ILAR, comp=Z,29nm,0.8s,baz=250,slo=5.4,SNR=178, S, S, 07 50 47.1, -2.7, RAGM, Ragged Mountain, 71.35 30, eP, P, 07 41 38.1, +1.7, PAX, Paxon, 71.37 27, eP, pmax, 07 41 36.0, -0.6, PAX, PAX, comp=Z,277nm,1.4s, MLR, MLR, PAX, PAX, comp=Z,16um,22.0s, 71.37 27, eP, P, 07 41 36.0, -0.6, PAX, PAX, comp=Z,277nm,1.4s, LR, LR, BMRM, Bremner River, 71.47 30, eP, P, 07 41 37.6, +0.4, BMRM, BMRM, comp=Z,398nm,1.2s, LR, LR, FYU, Fort Yukon, 72.10 24, eP, P, 07 41 41.5, +0.7, FYU, FYU, comp=Z,4um,2.6s, LR, LR, EGAK, Eagle, 73.51 26, eP, P, 07 41 49.1, -0.1, EGAK, EGAK, comp=Z,652nm,2.0s, LR, LR, PCA, Pinnacle, 73.51 31, eP, P, 07 41 50.4, +0.9, DAWY, Dawson, 74.21 27, eP, P, 07 41 53.3, -0.1, DAWY, DAWY, comp=Z,277nm,1.4s, LR, LR, PPT, Papeete, 74.23 112, P, P, 07 41 56.7, +2.4, PPT, PPT, comp=Z,228nm,0.9s,baz=196,slo=0.7,SNR=14, LR, LR, PPT2, Papeete2, 74.24 112, eP, P, 07 41 57.1, +2.7, PPT2, PPT2, comp=Z,4um,21.2s,baz=266,slo=31, LR, LR, PPT2, Papeete2, 74.24 112, eP, S, 07 51 28.0, +0.6, PAE, Paea, 74.26 112, eP, P, 07 41 56.9, +2.5, PAE, PAE, comp=Z,45nm,1.1s, LR, LR, TIAR, Tiarei, 74.44 112, eP, P, 07 41 58.0, +2.5, TVO, Taravao, 74.59 112, eP, P, 07 41 59.5, +3.1, TVO, TVO, comp=Z,70nm,0.9s, Sverdljovsk, 74.78 326, i P, P, 07 41 56.5, -0.2, SVE, SVE, e, e, 07 42 06.3, SVE, SVE, e, e, 07 46 23.1, SVE, SVE, e, e, 07 51 31.9, -0.2, SVE, SVE, eSS, pmax, 07 52 14.4, SVE, SVE, comp=Z,479nm,1.2s, MLR, MLR, SVE, SVE, comp=Z,13um,22.0s, MLR, MLR, HYT, Haines Junction, 74.91 30, eP, P, 07 41 57.3, -0.4, PMOR, Pomario Rio, 74.98 109, eP, P, 07 42 01.1, +2.5, PMOR, PMOR, comp=E,180nm,1.0s, PMOR, Pomario Rio, 74.98 109, eT, T, 09 04 07.5, AB31, Akbulak array, 75.27 318, i P, pmax, 07 41 58.4, -1.3, AB31, AB31, comp=Z,119nm,0.8s, ABKAR, Akbulak array, 75.27 318, eP, P, 07 41 58.9, -0.8, VAH, Vaihoo, 75.29 109, eP, P, 07 42 02.6, +2.2, MEH, Mesheta, 75.69 112, eP, P, 07 42 05.5, +2.8, ARU, Arti, 75.92 325, P, P, 07 42 02.5, -0.9, ARU, ARU, comp=Z,56nm,0.7s,baz=89,slo=3.0,SNR=52, S, S, 07 51 41.4, -3.4, ARU, ARU, comp=Z,1.4nm,0.3s,baz=52,slo=17,SNR=2.0, P, P, 07 42 02.4, -0.9, ARU, ARU, S, S, 07 51 41.4, -3.4, ARU, ARU, comp=Z,508nm,1.3s, MLR, MLR, ARU, ARU, comp=Z,15um,19.0s, 75.92 325, P, P, 07 42 02.0, -1.3, ARU, ARU, comp=Z,2um,1.3s,SNR=69, 75.92 325, eP, P, 07 42 02.4, -0.9, ARU, ARU, comp=Z,508nm,1.3s, S, S, 07 51 41.4, -3.4, IMYA, Miami, 75.93 305, eP, P, 07 42 04.2, +0.1, SKAG, Skagway, 75.99 32, eP, P, 07 42 04.2, +0.5, TBI, Tubuai, 76.24 118, eP, P, 07 42 08.0, +2.3, BESE, Bessie Mountain, 76.24 32, PFAKE, LR, LR, 07 42 20.0, +15, ISRO, Mashad, 76.44 305, eP, P, 07 42 07.5, +0.6, AKTO, Aktyubinsk, 76.47 319, P, P, 07 42 05.5, -1.0, AKTO, AKTO, comp=Z,24nm,0.7s,baz=94,slo=8.7,SNR=37, S, S, 07 51 49.4, -1.6, AKTO, AKTO, comp=Z,0.6nm,0.2s,baz=72,slo=20,SNR=2.4, P, pmax, 07 42 04.8, -1.8, IDAH, Dahanachah, 76.47 301, eP, P, 07 42 07.1, -0.2, IMOG, Moghan, 76.57 304, eP, P, 07 42 07.8, 0.0, INK, Inuvik, 76.75 22, P, P, 07 42 06.3, -1.5, INK, INK, comp=Z,46nm,1.0s,baz=270,slo=7.5,SNR=23, PP, PP, 07 44 58.9, -1.4, INK, INK, comp=Z,15nm,1.2s,baz=276,slo=11,SNR=2.9, S, S, 07 51 51.9, -1.6, INK, INK, comp=Z,1.1nm,0.9s,baz=255,slo=19,SNR=2.6, P, P, 07 42 06.3, -1.5, INK, INK, 76.75 22, P, P, 07 44 58.9, INK, INK, S, S, 07 51 51.9, -1.6, INK, INK, comp=Z,46nm,1.0s, pmax, pmax, INK, INK, comp=Z,15nm,1.2s, smax, smax, INK, INK, comp=N,1.0nm,0.9s, 76.75 22, eP, P, 07 42 07.6, -0.2, INK, INK, comp=N,216nm,1.4s, PP, PP, 07 44 58.9, -1.4, INK, INK, S, LR, 07 51 51.9, -1.6, SOKR, Solikamsk, 76.79 329, i P, P, 07 42 07.7, -0.4, SOKR, SOKR, S, S, 07 41 53.4, -0.7, SOKR, SOKR, S, S, 07 56 50.7, +0.8, SOKR, SOKR, pmax, pmax, SOKR, SOKR, comp=Z,100nm,1.1s, MLR, MLR, IPAY, Payeh, 76.81 305, eP, P, 07 42 09.2, +0.1, IAKL, Akhmad, 76.99 305, eP, P, 07 42 10.1, -0.1, IEMG, Emangholi, 76.99 305, eP, P, 07 42 10.2, +0.1, IKRD, Karden, 77.16 305, eP, P, 07 42 07.2, -3.8, IKOO, Kooah, 77.23 301, eP, P, 07 42 11.2, -0.4, CRAG, Craig, 77.31 36, PFAKE, LR, LR, 07 42 20.0, +8.8, ABKT, Ailbeck, 77.36 306, P, P, 07 42 11.5, -0.4, GEYT, Alibeck, 77.36 306, P, P, 07 42 10.9, -1.1, GEYT, GEYT, comp=Z,16nm,0.9s,baz=40,slo=2.5,SNR=26, P, P, 07 45 10.5, +4.2, GEYT, GEYT, comp=Z,8.2nm,0.9s,baz=90,slo=1.4,SNR=3.3, S, S, 07 52 00.2, -1.1, ITEG, Tejag, 77.39 301, eP, P, 07 42 12.7, +0.3, ISFR, Sifra, 77.54 306, eP, P, 07 42 13.1, -0.2, WRAK, Wrangell Islan, 77.69 35, eP, P, 07 42 13.2, -0.1, ISHV, Shirvan, 77.73 306, eP, P, 07 42 14.8, +0.6, H02SI, DAWSON INLET T, 77.84 38, T, T, 09 08 19.5, SNR=103

Table with columns: AIS, Name, Az, El, S, P, R, Az, El, S, P, R, Az, El, S, P, R. Includes entries like Amsterdam Isla, Dease Lake, Dumont d'Urville, etc.

Table with columns: RES, Name, Az, El, S, P, R, Az, El, S, P, R, Az, El, S, P, R. Includes entries like Resolute Bay, Resolute Bay, Terrebonne, OR, etc.

Table with columns: G08A, Name, Az, El, S, P, R, Az, El, S, P, R, Az, El, S, P, R. Includes entries like Pilot Rock, Divnogorie, Storozhevoje, etc.

Table with columns for station call letters, name, frequency, time, and various signal quality indicators (P, PDIF, etc.). Includes stations like VRI Vrincoia, PSN Presentis, and many others.

Table with columns for station call letters, name, frequency, time, and various signal quality indicators. Includes stations like OKC Ostrava-Krasne, PSZ Piskkesteto, and many others.

Table with columns for station call letters, name, frequency, time, and various signal quality indicators. Includes stations like PRA Prague, DIVS Divibare, and many others.

Table with columns: TUE, TUE, Stuetta, 107.45 328, ePdif LR, Pdif LR, 07 44 35.7 +0.2, PAB, comp=Z,9um,22.0s, Lamas de Olo, 119.51 334, ePP PP, 07 50 28.6 +0.8, HUMP, comp=Z,16um,22.0s, Col San Antoni, 139.41 42, ePKP P, PKP P, 07 49 45.4 +0.4

Table with columns: PAB, comp=Z,9um,22.0s, Lamas de Olo, 119.51 334, ePP PP, 07 50 28.6 +0.8, HUMP, comp=Z,16um,22.0s, Col San Antoni, 139.41 42, ePKP P, PKP P, 07 49 45.4 +0.4

Table with columns: HUMP, comp=Z,16um,22.0s, Col San Antoni, 139.41 42, ePKP P, PKP P, 07 49 45.4 +0.4, CPD, comp=Z,6um,22.0s, Cerro La Pandu, 139.45 42, PFAKE LR, 07 50 00.0 +15, STVI, comp=Z,21um,22.0s, Saint Thomas, 139.84 41, ePKP P, PKP P, 07 49 40.7, ROSC, comp=Z,4um,20.0s, El Rosal, 140.48 66, PKP PKP, 07 49 44.4 -3.2, ROSC, comp=Z,1.8nm,0.4s,baz=270,slow=10,SNR=3.0, 140.48 66, PKP PKP, 07 52 46.7 +0.4, ROSC, comp=Z,1.2nm,0.3s,baz=306,slow=4,SNR=2.0, 140.48 66, ePKP P, PKP P, 07 49 47.9 +0.3, ROSC, comp=Z,1.2nm,0.3s,baz=270,slow=10,SNR=3.0, 140.48 66, PKP PKP, 07 52 46.7 +0.4, SMRT, comp=Z,4um,20.0s, St. Maarten, 141.25 39, ePKP P, PKP P, 07 49 44.5, DBIC, comp=Z,6.0nm,0.9s,baz=141.60,slow=3,SNR=3.0, 141.25 39, PKP PKP, 07 49 45.8 -3.3, SDV, comp=Z,6.0nm,0.9s,baz=141.71,slow=3,SNR=3.0, 141.71 58, ePKP P, PKP P, 07 49 48.4 -1.1, ANWB, comp=Z,3um,22.0s, Willy Bob, 142.33 38, PFAKE LR, 07 50 00.0 +10, ANWB, comp=Z,4um,21.0s, Nana, 142.52 94, ePKIP P, PKP P, 07 49 51.7 +1.0, NNA, comp=Z,3um,22.0s, Nana, 142.52 94, ePKP P, PKP P, 07 49 51.7 +1.0, CLCH, comp=Z,3um,22.0s, Cerro Calan, 144.02 131, eP PKP, 07 49 50.7 -0.2, MDN, comp=Z,3um,22.0s, Morne-Daniel, 144.36 40, eP PKP, 07 49 52.6 +0.4, PCRV, comp=Z,2.8nm,1.1s,baz=29,slow=1.6, 145.71 50, PKP P, PKP P, 07 49 55.1 -1.2, LCO, Las Campanas, 145.75 124, ePKP P, PKP P, 07 49 55.6 -0.7, GRGR, Grenville, 146.53 44, PFAKE LR, 07 50 10.0 +10, CFAA, comp=Z,6um,22.0s, Coronel Fontan, 146.58 130, PKP P, PKP P, 07 49 56.5 -0.9, BBGH, comp=Z,4.8nm,0.8s,baz=239,slow=3.3,SNR=33, 147.16 40, PFAKE LR, 07 50 10.0 +7.5, BBGH, comp=Z,9um,22.0s, Gun Hill, 147.16 40, PFAKE LR, 07 50 10.0 +7.5, TRN, Trinidad-A, 147.75 46, eP PKP, 07 50 02.5 0.0, TRP, Pointe-a-Pier, 147.94 46, eP PKP, 07 50 00.6 +0.6, CEN1, Los Morros, 147.95 114, eP PKP, 07 49 58.9 -1.1, SACV, Santiago Islan, 149.12 31, PFAKE LR, 07 50 10.0 -0.3, LVC, Limon Verde, 149.29 114, PKP P, PKP P, 07 50 05.3 -1.4, LVC, Limon Verde, 149.29 114, ePKP P, PKP P, 07 50 05.5 -1.2, LPAZ, comp=Z,4um,20.0s, La Paz, 151.02 101, PKP PKP, 07 50 04.4 -1.2, LPAZ, comp=Z,2.8nm,1.1s,baz=316,slow=2.2,SNR=16, 151.02 101, PKP P, PKP P, 07 50 11.0 -0.4, LPAZ, comp=Z,4.4nm,0.7s,baz=345,slow=3.3,SNR=78, 151.02 101, PKIP P, PKP P, 07 50 04.4 -1.2, LPAZ, comp=Z,2.8nm,1.1s, pmax pmax, LPAZ, comp=Z,2.8nm,1.1s, pmax pmax, LPAZ, comp=Z,4.4nm,0.7s, pmax pmax, LPAZ, comp=Z,4.4nm,0.7s, 151.02 101, ePKP P, PKP P, 07 50 05.3 -0.3, SAML, Samuel, 155.49 85, ePKP P, PKP P, 07 50 11.8 -0.4, PTGA, comp=Z,2um,21.0s, Pitinga, 155.77 63, PKP PKP, 07 50 10.8 -1.1, PTGA, comp=Z,7.0nm,0.9s,baz=305,slow=1.8,SNR=16, 155.77 63, ePKP P, PKP P, 07 50 12.6 +0.8, ASCN, comp=Z,2um,21.0s, Ascension, 155.87 28, PFAKE LR, 07 50 20.0 +8.1, ASCN, comp=Z,3um,22.0s, Villa Florida, 157.46 131, PKP PKP, 07 50 13.0 -0.6, CPUP, comp=Z,3.0nm,0.9s,baz=248,slow=5.4,SNR=3.9, 157.46 131, PKP P, PKP P, 07 50 44.1 -1.1, SIV, comp=Z,2.16nm,0.8s,baz=268,slow=5.4,SNR=12, 157.80 102, PKP PKP, 07 50 13.9 -0.4, BB16B, Bebedouro, 167.03 133, i PKP, 07 50 23.5 +0.5, BB16B, Bebedouro, 167.03 133, i PKP, 07 51 22.9 +0.5, BB16B, Bebedouro, 167.03 133, i PKP, 07 51 24.7 +0.5, BDFB, Brasilia, 170.19 111, PKP PKP, 07 50 45.1 -0.6, BDFB, comp=Z,3.0nm,1.1s,baz=266,slow=1.9,SNR=6.6, 170.19 111, PKP P, PKP P, 07 51 37.5 -4.0, RCBR, Riachuelo, 173.04 338, PKP PKP, 07 50 26.7 -0.4, RCBR, comp=Z,1.4nm,0.9s,baz=356,slow=4.5,SNR=3.6, 173.04 338, PKP P, PKP P, 07 55 43.9 0.0, IDC 14 07:30:59.8-0.7, 12'43N:141'67E, h0km, mb5.5/25, mb1 5.5/25, mb1mx5.3/47, mbtmp5.4/25, MS5.6/3, Ms1 5.6/3, ms1mx5.1/11, Error ellipse: s-maj=23.9km s-min=16.0km az=86.0, NEIC 14 07:31:01.9-0.4, 12'41N:141'63E, h10km, mb5.7/13, Error ellipse: s-maj=15.3km s-min=8.6km az=83.0, ISCJB 14 07:31:03.5-0.4, 12'39N:106'141'59E:0.0, h33km, s-min=6.9, MS5.7/2, Error ellipse: s-maj=11.9km s-min=6.3km az=178.0, ISC 14 07:31:05.1-0.5, 12'36N:108'141'7E:0.1, h33km, n73, s-min=6.9, MS5.7/2, Error ellipse: s-maj=11.9km s-min=6.3km az=178.0, Code Station Name Az' Az' Phase ID Time Res

Table with columns: SR/LM, Station Name, Time, Res, Code, Station Name, Az, Phase ID, Time, Res, Code. Includes stations like Srisailam, Zalesovo Beam, HYB Hyderabad, etc.

14D 14:07:35:26.6:0.7, 12.39N:141.62E, h0km, mb4.4/16, mb1 4.5/17, mb1mx4.3/54, mbtmp4.4/17, ML3.4/1, Error ellipse: s-maj=28.9km s-min=14.6km az=80.0

NEIC 14:07:35:28.1:0.4, 12.35N:141.59E, h10km, mb5.2/3, Error ellipse: s-maj=16.9km s-min=7.4km az=86.0

ISCJB 14:07:35:29.5:0.5, 12.32N:141.60E, h0km, mb4.5/18, Error ellipse: s-maj=22.2km s-min=9.4km az=176.1

ISC 14:07:35:31.5:0.6, 12.31N:141.62E, h0km, mb4.5/18, South of Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code. Includes stations like Jayapura, Matsushiro Arr, WRAB Tennant Creek, etc.

14D 14:07:39:00.7:1.1, 12.41N:141.97E, h0km, mb4.0/8, mb1 4.1/8, mb1mx3.8/55, mbtmp4.0/8, Error ellipse: s-maj=39.4km s-min=17.1km az=88.0

ISCJB 14:07:39:03.7:1.1, 12.41N:141.97E, h0km, mb3.8/9, Error ellipse: s-maj=37.4km s-min=18.8km az=176.7

ISC 14:07:39:05.6:1.2, 12.41N:141.97E, h0km, mb3.8/9, mb0.63/8, mb4.0/8, South of Mariana Islands

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

14D 14:07:40:12.2:1.1, 12.26N:141.99E, h0km, mb3.8/5, mb1 4.0/5, mb1mx3.6/53, mbtmp3.8/5, Error ellipse: s-maj=45.8km s-min=28.2km az=82.0

ISC 14:07:40:16.6:1.6, 12.33N:142.22E, h0km, mb3.8/5, mb0.57/5, mb3.8/5, South of Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code. Includes stations like WRA Warramunga Arr, DEMI Demirci, etc.

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

IDC 14:07:40:56.6:0.8, 12.35N:141.70E, h0km, mb4.2/15, mb1 4.3/16, mb1mx4.0/56, mbtmp4.2/16, ML3.1/1, Error ellipse: s-maj=23.5km s-min=19.4km az=103.0

NEIC 14:07:40:58.2:0.4, 12.34N:141.75E, h10km, mb4.9/2, Error ellipse: s-maj=10.5km s-min=9.1km az=101.0

ISCJB 14:07:40:59.6:0.6, 12.32N:141.71E, h0km, mb4.2/15, mb2.2/17, Error ellipse: s-maj=14.5km s-min=12.7km az=13.5

ISC 14:07:40:01.4:0.8, 12.33N:141.71E, h0km, mb4.9/2, Error ellipse: s-maj=10.5km s-min=9.1km az=101.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code. Includes stations like GUMO Guam, YHNB Yeheng, WRA Warramunga Arr, etc.

IDC 14:07:42:36.6:0.9, 12.34N:141.65E, h0km, mb4.1/11, mb1 4.3/11, mb1mx3.9/52, mbtmp4.1/11, Error ellipse: s-maj=32.2km s-min=19.2km az=87.0

NEIC 14:07:42:38.3:0.4, 12.32N:141.53E, h10km, mb5.0/3, Error ellipse: s-maj=22.2km s-min=10.2km az=101.0

ISC 14:07:42:40.6:0.8, 12.33N:141.74E, h0km, mb4.9/2, Error ellipse: s-maj=11.4km s-min=9.9km az=101.0

ISC 14:07:42:40.6:0.8, 12.33N:141.74E, h0km, mb4.9/2, Error ellipse: s-maj=11.4km s-min=9.9km az=101.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code. Includes stations like GUMO Guam, WRAB Tennant Creek, WRA Warramunga Arr, etc.

ISK 14:07:43:19.7, 39.21N:28.23E, h3km, MD2.7

ISCJB 14:07:43:20.6:0.4, 39.19N:28.22E, h7km, 5km, Error ellipse: s-maj=3.0km s-min=2.4km az=96.0

CSEM 14:07:43:20.7:0.1, 39.19N:28.23E, h10km, MD2.8, Error ellipse: s-maj=3.0km s-min=2.4km az=96.0

DDA 14:07:43:20.6, 39.17N:28.23E, h7km, MD2.8

ISC 14:07:43:20.7:0.1, 39.20N:28.22E, h11km, 10km, n40, c049/58, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code. Includes stations like DEMI Demirci, AKHS Akhisar, AKS Akhisar, etc.

Table with columns: AYDB Zeytinokoy-Aydi, MDNY Mudanya-Bursa, MDNY Mudanya-Bursa, etc.

IDC 14:07:44:02.3:0.5, 12.44N:141.73E, h0km, mb4.4/25, mb1 4.4/26, mb1mx4.3/53, mbtmp4.3/26, ML3.1/1, Error ellipse: s-maj=17.5km s-min=11.7km az=77.0

NEIC 14:07:44:04.0:3.9, 12.43N:141.72E, h10km, mb4.7/16, Error ellipse: s-maj=7.0km s-min=5.7km az=87.0

ISCJB 14:07:44:05.4:0.3, 12.38N:141.71E, h0km, mb4.4/25, mb4.4/45, Error ellipse: s-maj=10.1km s-min=8.5km az=175.9

ISC 14:07:44:07.3:0.5, 12.42N:141.71E, h0km, mb4.4/25, mb0.47/50, mb4.4/45, South of Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code. Includes stations like GUMO Guam, TGY Tagaytay City, CTA Charters Tower, etc.

ISC 14:07:46:05.6:0.7, 12.33N:141.65E, h0km, mb4.1/11, mb1 4.3/11, mb1mx3.9/52, mbtmp4.1/11, Error ellipse: s-maj=32.2km s-min=19.2km az=87.0

NEIC 14:07:46:08.3:0.4, 12.32N:141.53E, h10km, mb5.0/3, Error ellipse: s-maj=22.2km s-min=10.2km az=101.0

ISC 14:07:46:10.6:0.8, 12.33N:141.74E, h0km, mb4.9/2, Error ellipse: s-maj=11.4km s-min=9.9km az=101.0

ISC 14:07:46:10.6:0.8, 12.33N:141.74E, h0km, mb4.9/2, Error ellipse: s-maj=11.4km s-min=9.9km az=101.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code. Includes stations like WRA Warramunga Arr, DEMI Demirci, AKHS Akhisar, etc.

IDC 14:07:44:51.3:0.7, 12.35N:141.65E, h0km, mb4.5/18, mb1 4.6/18, mb1mx4.3/50, mbtmp4.5/18, Error ellipse: s-maj=25.9km s-min=15.6km az=87.0

NEIC 14:07:44:52.7:0.4, 12.33N:141.67E, h10km, mb5.0/4, Error ellipse: s-maj=14.9km s-min=8.5km az=90.0

ISCJB 14:07:44:54.0:0.6, 12.30N:141.68E, h0km, mb4.6/22, Error ellipse: s-maj=21.0km s-min=10.8km az=92.9

ISC 14:07:44:56.0:0.7, 12.30N:141.71E, h0km, mb4.6/22, Error ellipse: s-maj=21.0km s-min=10.8km az=92.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code. Includes stations like WRAB Tennant Creek, WRA Warramunga Arr, USRK Ussurisk Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SONM Songoing Array, ILAR Eielson Array, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUMO Guam, JAY Jayapura, FAKI Fak Fak, WRAB Tennant Creek, etc.

Station lists for IDC 14 08:33:18.4... and IDC 14 08:33:21.4... with coordinates and error ellipses.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, CTCTA Charters Tower, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BFO Black Forest, TORO Torodi Ar, JMA 14 08:33:54.7... Off east coast of Honshu.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUMO Guam, FAKI Fak Fak, SLSB Saunglung, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRAB Tennant Creek, WRA Warramunga Arr, USRK Ussuriysk Arr, etc.

Station lists for SZGRF 14 08:40:29.3... and MOS 14 08:40:38.5... with coordinates and error ellipses.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUVI Guiria, TCE Chacachacare, TRN Trinidad (W), etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FCV Fort Charlotte, SVA Belmont, PRCV Puerto La Cruz, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MDV Mercedes, MERV Funv, TBG Guadaloupe-3, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SEUS St. Eustatius, MAPV Macapao, SABA Saba, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUYE Guayanita, GUYF Guayanita, GUYG Guayanita, etc.

Z33A	baz=40, SNR=30	ScP	ScP	08 53 38.9	-1.7	
631A	baz=40 Perdido Creek baz=40, SNR=79	39.86 303	P	P	08 48 00.3	-0.9
631A	baz=40, SNR=7.6	39.86 306	P	P	08 48 00.2	-1.0
332A	baz=40, SNR=9.1	39.86 306	P	P	08 48 00.2	-1.0
332A	baz=40, SNR=6.3	39.86 306	P	P	08 48 00.2	-1.0
T35A	baz=40, SNR=16	39.91 315	P	P	08 47 59.9	-1.5
T35A	baz=40, SNR=6.3	39.91 315	P	P	08 47 59.9	-1.5
W34A	baz=40 Bridge Creek, baz=40, SNR=13	39.98 312	P	P	08 48 00.7	-1.3
W34A	baz=40	39.98 312	P	P	08 48 00.7	-1.3
W34A	baz=40 Bridge Creek, comp=Z,42nm,0.8s	39.98 312	eP	P	08 48 00.4	-1.6
R36A	baz=40, SNR=6.4	39.98 318	P	P	08 48 00.4	-1.6
232A	baz=40, SNR=6.4	39.98 307	P	P	08 48 01.2	-0.9
232A	baz=40, SNR=6.1	39.98 307	P	P	08 48 01.2	-0.9
232A	baz=40, SNR=7.8	39.98 307	P	P	08 48 01.2	-0.9
Y33A	baz=40, SNR=15	40.05 310	P	P	08 48 01.0	-1.7
V34A	baz=40, SNR=6.3	40.07 313	P	P	08 48 01.1	-1.6
V34A	baz=40, SNR=6.3	40.07 313	eP	P	08 48 01.1	-1.6
V34A	comp=Z,146nm,1.9s	40.07 313	eP	P	08 48 01.1	-1.6
531A	baz=40, SNR=48	40.08 304	P	P	08 48 02.3	-0.7
531A	baz=40, SNR=7.6	40.08 304	P	P	08 48 02.3	-0.7
S35A	baz=40, SNR=12	40.17 317	P	P	08 48 02.1	-1.5
S35A	baz=40, SNR=6.2	40.17 317	P	P	08 48 02.1	-1.5
X33A	baz=40, SNR=8.0	40.19 311	P	P	08 48 01.8	-2.0
X33A	baz=40	40.19 311	P	P	08 48 01.8	-2.0
ABTX	baz=40 Abilene, Hawle baz=40, SNR=32	40.26 308	P	P	08 48 03.5	-0.9
ABTX	baz=40 Abilene, Hawle comp=Z,119nm,1.0s	40.26 308	eP	P	08 48 03.5	-0.9
Q36A	baz=40, SNR=8.2	40.30 319	P	P	08 48 04.2	-0.4
Q36A	baz=40, SNR=8.2	40.31 304	P	P	08 48 04.2	-0.6
431A	baz=40, SNR=9.8	40.31 304	P	P	08 48 04.2	-0.6
U34A	baz=40, SNR=0.3s	40.38 314	eP	P	08 48 03.7	-1.6
331A	baz=40, SNR=40	40.38 305	P	P	08 48 04.7	-0.7
331A	baz=40, SNR=5.1	40.38 305	P	P	08 48 04.7	-0.7
Z32A	baz=40, SNR=23	40.40 309	P	P	08 48 04.5	-1.1
Z32A	baz=40, SNR=6.7	40.40 309	P	P	08 48 04.5	-1.1
T34A	baz=40, SNR=16	40.43 315	P	P	08 48 04.1	-1.6
T34A	baz=40, SNR=16	40.43 315	P	P	08 48 04.1	-1.6
R35A	baz=40, SNR=22	40.43 318	P	P	08 48 04.7	-1.0
R35A	baz=40, SNR=22	40.43 318	P	P	08 48 04.7	-1.0
W33A	baz=40, SNR=12	40.44 312	P	P	08 48 04.4	-1.4
W33A	baz=40, SNR=5.5	40.44 312	P	P	08 48 04.4	-1.4
WMOK	baz=40, SNR=5.5	40.49 311	eP	P	08 48 04.2	-2.0
WMOK	comp=Z,52nm,1.7s	40.49 311	eP	P	08 48 04.2	-2.0
WMOK	comp=Z,52nm,1.7s	40.49 311	eP	P	08 48 04.2	-2.0
P36A	baz=41, SNR=6.6	40.51 320	P	P	08 48 05.3	-1.1
P36A	baz=41, SNR=6.6	40.51 320	P	P	08 48 05.3	-1.1
231A	baz=40, SNR=29	40.52 306	P	P	08 48 05.3	-1.3
231A	baz=40, SNR=6.9	40.52 306	P	P	08 48 05.3	-1.3
Q35A	baz=41, SNR=7.5	40.62 318	P	P	08 48 05.8	-1.5
V33A	baz=41, SNR=9.8	40.62 313	P	P	08 48 06.1	-1.1
V33A	baz=41, SNR=9.8	40.62 313	P	P	08 48 06.1	-1.1
O36A	baz=41	40.66 321	P	P	08 48 06.0	-1.5
O36A	baz=41	40.66 321	P	P	08 48 06.0	-1.5
Y32A	baz=41, SNR=14	40.66 310	P	P	08 48 06.3	-1.4
Y32A	baz=41, SNR=5.5	40.66 310	P	P	08 48 06.3	-1.4
S34A	baz=41	40.72 316	P	P	08 48 06.8	-1.3
S34A	baz=41	40.72 316	P	P	08 48 06.8	-1.3
S34A	baz=41	40.72 316	P	P	08 48 06.8	-1.3
530A	baz=41, SNR=52	40.72 303	P	P	08 48 07.5	-0.8
530A	baz=41, SNR=52	40.72 303	P	P	08 48 07.5	-0.8
X32A	baz=41	40.72 310	P	P	08 48 06.8	-1.3
X32A	baz=41	40.72 310	P	P	08 48 06.8	-1.3
U33A	baz=41	40.78 314	P	P	08 48 07.4	-1.3
U33A	baz=41	40.78 314	P	P	08 48 07.4	-1.3
430A	baz=41, SNR=24	40.85 304	P	P	08 48 08.2	-1.1
430A	baz=41, SNR=24	40.85 304	P	P	08 48 08.2	-1.1
131A	baz=41, SNR=12	40.86 307	P	P	08 48 08.5	-0.9
131A	baz=41, SNR=12	40.86 307	P	P	08 48 08.5	-0.9
LCO	baz=41 Las Campanas comp=Z,37nm,0.8s	40.89 191	eP	P	08 48 09.3	-0.5
Z31A	baz=41, SNR=45	40.92 308	P	P	08 48 09.4	-0.4
Z31A	baz=41, SNR=45	40.92 308	P	P	08 48 09.4	-0.4
P35A	baz=41	40.98 319	P	P	08 48 10.1	0.0
P35A	baz=41	40.98 319	P	P	08 48 10.1	0.0
W32A	baz=41	41.00 311	P	P	08 48 09.0	-1.4
W32A	baz=41	41.00 311	P	P	08 48 09.0	-1.4
330A	baz=41, SNR=16	41.02 305	P	P	08 48 09.5	-1.1
330A	baz=41	41.02 305	P	P	08 48 09.5	-1.1
V32A	baz=41	41.12 312	P	P	08 48 10.4	-1.0
V32A	baz=41	41.12 312	P	P	08 48 10.4	-1.0
R34A	baz=41, SNR=10.0	41.12 317	P	P	08 48 10.1	-1.2
R34A	baz=41, SNR=5.7	41.12 317	P	P	08 48 10.1	-1.2
KSU1	baz=41, SNR=16	41.12 318	P	P	08 48 09.3	-2.0
KSU1	baz=41, SNR=16	41.12 318	P	P	08 48 09.3	-2.0
KSU1	comp=Z,36nm,0.8s	41.12 318	eP	P	08 48 10.0	-1.3
230A	baz=41, SNR=24	41.14 306	P	P	08 48 10.5	-1.1
230A	baz=41, SNR=24	41.14 306	P	P	08 48 10.5	-1.1
T33A	baz=41, SNR=5.5	41.19 315	P	P	08 48 10.8	-1.2
T33A	baz=41, SNR=5.5	41.19 315	P	P	08 48 10.8	-1.2
Q34A	baz=41	41.24 318	P	P	08 48 10.3	-1.6
Q34A	baz=41	41.24 318	P	P	08 48 10.3	-1.6
Y31A	baz=41 Rekieta Farm, baz=41, SNR=9.4	41.27 309	P	P	08 48 11.8	-0.9

Y31A	baz=41, SNR=6.8	41.27 315	P	P	08 53 44.3	-1.9
S33A	baz=41, SNR=8.5	41.27 315	P	P	08 48 11.8	-0.8
S33A	baz=41	41.27 315	P	P	08 48 11.8	-0.8
130A	baz=41, SNR=11	41.28 307	P	P	08 48 11.9	-0.8
130A	baz=41	41.28 307	P	P	08 48 11.9	-0.8
O35A	baz=41, SNR=5.6	41.33 320	P	P	08 53 44.4	-1.9
O35A	baz=41	41.33 320	P	P	08 53 44.4	-1.9
X31A	baz=41, SNR=16	41.33 310	P	P	08 48 11.5	-1.7
X31A	baz=41	41.33 310	P	P	08 48 11.5	-1.7
429A	baz=41, SNR=24	41.33 304	P	P	08 53 44.7	-1.8
429A	baz=41	41.33 304	P	P	08 53 44.7	-1.8
U32A	baz=41, SNR=12	41.39 313	P	P	08 48 12.6	-1.0
U32A	baz=41, SNR=12	41.39 313	P	P	08 48 12.6	-1.0
529A	baz=41, SNR=60	41.44 303	P	P	08 48 13.4	-0.8
529A	baz=41	41.44 303	P	P	08 48 13.4	-0.8
COWI	comp=Z,35nm,1.1s	41.47 332	eP	P	08 48 13.8	-0.3
N35A	baz=42, SNR=6.1	41.50 321	P	P	08 48 13.1	-1.3
N35A	baz=42	41.50 321	P	P	08 48 13.1	-1.3
P34A	baz=42, SNR=5.6	41.51 319	P	P	08 48 12.8	-1.7
P34A	baz=42, SNR=5.6	41.51 319	P	P	08 48 12.8	-1.7
W31A	baz=42, SNR=7.6	41.54 311	P	P	08 48 13.3	-1.6
W31A	baz=42	41.54 311	P	P	08 48 13.3	-1.6
R33A	baz=42	41.62 316	P	P	08 48 14.3	-1.2
R33A	baz=42	41.62 316	P	P	08 48 14.3	-1.2
Z30A	baz=42, SNR=46	41.66 308	P	P	08 48 15.0	-0.9
Z30A	baz=42, SNR=46	41.66 308	P	P	08 48 15.0	-0.9
329A	baz=42	41.69 305	P	P	08 48 14.6	-1.6
329A	baz=42	41.69 305	P	P	08 48 14.6	-1.6
T32A	baz=42, SNR=6.0	41.71 314	P	P	08 48 15.4	-0.9
T32A	baz=42	41.71 314	P	P	08 48 15.4	-0.9
Y30A	baz=42	41.72 309	P	P	08 48 15.3	-1.1
Y30A	baz=42	41.72 309	P	P	08 48 15.3	-1.1
229A	baz=42, SNR=24	41.72 306	P	P	08 48 15.7	-0.7
229A	baz=42	41.72 306	P	P	08 48 15.7	-0.7
V31A	baz=42, SNR=10	41.72 312	P	P	08 48 15.3	-1.1
V31A	baz=42, SNR=10	41.72 312	P	P	08 48 15.3	-1.1
O34A	baz=42	41.77 320	P	P	08 48 15.8	-0.8
O34A	baz=42	41.77 320	P	P	08 48 15.8	-0.8
Q33A	baz=42, SNR=30	41.88 317	P	P	08 48 16.5	-1.0
Q33A	baz=42	41.88 317	P	P	08 48 16.5	-1.0
M35A	baz=42, SNR=6.4	41.89 322	P	P	08 48 16.5	-1.1
M35A	baz=42	41.89 322	P	P	08 48 16.5	-1.1
X30A	baz=42, SNR=16	41.93 310	P	P	08 48 16.8	-1.2
X30A	baz=42, SNR=16	41.93 310	P	P	08 48 16.8	-1.2
S32A	baz=42	41.97 315	P	P	08 48 17.2	-1.1
S32A	baz=42	41.97 315	P	P	08 48 17.2	-1.1
U31A	baz=42	41.99 313	P	P	08 48 17.7	-0.9
U31A	baz=42	41.99 313	P	P	08 48 17.7	-0.9
129A	baz=42, SNR=56	42.00 307	P	P	08 48 18.0	-0.7
129A	baz=42	42.00 307	P	P	08 48 18.0	-0.7
W30A	baz=42	42.01 311	P	P	08 48 17.3	-1.4
W30A	baz=42	42.01 311	P	P	08 48 17.3	-1.4
P33A	baz=42, SNR=10	42.02 318	P	P	08 48 16.0	-2.6
P33A	baz=42, SNR=10	42.02 318	P	P	08 48 16.0	-2.6
N34A	baz=42	42.02 320	P	P	08 48 16.8	-1.8
N34A	baz=42	42.02 320	P	P	08 48 16.8	-1.8
Z29A	baz=42	42.10 308	P	P	08 48 17.4	-2.2
Z29A	baz=42	42.10 308	P	P	08 48 17.4	-2.2
R32A	baz=42	42.17 316	P	P	08 48 18.2	-1.8
R32A	baz=42	42.17 316	P	P	08 48 18.2	-1.8
L35A	baz=42, SNR=8.6	42.18 323	P	P	08 48 19.0	-1.0
L35A	baz=42	42.18 323	P	P	08 48 19.0	-1.0
T31A	baz=42	42.20 314	P	P	08 48 19.3	-1.0
T31A	baz=42	42.20 314	P	P	08 48 19.3	-1.0
O33A	baz=42, SNR=6.5	42.28 319	P	P	08 48 18.9	-1.9
O33A	baz=42	42.28 319	P	P	08 48 18.9	-1.9
Q32A	baz=42	42.30 308	P	P	08 53 47.7	-2.1
Q32A	baz=42	42.30 308	P	P	08 53 47.7	-2.1
Y29A	baz=42, SNR=60	42.31 315	P	P	08 48 20.3	-0.8
Y29A	baz=42	42.31 315	P	P	08 48 20.3	-0.8
S31A	baz=42, SNR=11	42.31 315	P	P	08 48 20.3	-0.8
S31A	baz=42	42.31 315	P	P	08 48 20.3	-0.8
V30A	baz=42, SNR=12	42.34 312	P	P	08 48 20.2	-1.2
V30A	baz=42, SNR=12	42.34 312	P	P	08 48 20.2	-1.2
Q32A	baz=42, SNR=9.3	42.36 317</				

O30A	baz=44 MW Ranch, Wils baz=44, SNR=9.2	43.96 318	P	P	08 48 32.7	-1.6	O26A	Horse Wrangler baz=46	46.17 316	P	P	08 48 50.5	-1.4	J25A	Sunshine Ranch baz=48	47.98 319	P	P	08 49 04.3	-1.5
O30A	baz=44		ScP	ScP	08 53 54.7	-2.2	BNN	Barren Site Agassiz Nation	46.26 307	eP	P	08 48 52.8	0.0	D28A	Regan baz=48	48.08 325	P	P	08 49 05.5	-0.9
T28A	baz=44 Walsh baz=44, SNR=21	43.96 313	P	P	08 48 33.2	-1.2	AGMN	Agassiz Nation baz=46, SNR=27	46.27 329	eP	P	08 48 51.1	-1.3	PHWY	Pilot Hill comp=Z, 58nm, 1.8s	48.10 316	eP	P	08 49 06.1	-0.9
T28A	baz=44, SNR=6.5		ScP	ScP	08 53 55.2	-1.9	LPM	Los Pinos Moun comp=Z, 31nm, 0.7s	46.27 329	eP	P	08 48 51.2	-1.2	F27A	Lemmon baz=48, SNR=48	48.16 323	P	P	08 49 07.0	-0.2
K32A	baz=44, SNR=8.4	43.96 322	P	P	08 48 32.7	-1.5	J28A	Allard Ranch, baz=46, SNR=12	46.31 307	eP	P	08 48 53.2	0.0	B29A	Wagenman Farm, baz=48, SNR=32	48.17 327	P	P	08 49 06.3	-0.8
S28A	Manter baz=44, SNR=20	44.01 313	P	P	08 48 33.3	-1.5	N26A	Koester Ranch, baz=46	46.38 317	P	P	08 48 52.3	-1.1	G26A	Maurine baz=48, SNR=42	48.20 322	P	P	08 49 06.5	-0.9
I33A	Coleman baz=44, SNR=30	44.08 324	P	P	08 48 34.4	-0.8	L27A	T5 Ranch, Ellis baz=46	46.38 319	P	P	08 48 52.6	-0.9	E27A	Carson baz=48, SNR=38	48.20 324	P	P	08 49 07.3	-0.1
I33A	baz=44		ScP	ScP	08 53 55.1	-2.3	ANMO	Albuquerque comp=Z, 69nm, 1.7s	46.39 308	iP	pmax	08 48 53.5	-0.2	E27A	baz=48		ScP	ScP	08 54 13.4	-1.1
U27A	Thompson Grove baz=44, SNR=43	44.18 311	P	P	08 48 34.8	-1.5	ANMO	Albuquerque comp=Z, 75nm, 1.4s	46.39 308	eP	P	08 48 53.0	-0.8	I25A	baz=48		ScP	ScP	08 49 06.7	-1.2
L31A	Butterfield Fa baz=44, SNR=14	44.22 321	P	P	08 48 34.9	-1.5	H29A	Onida baz=46	46.41 323	P	P	08 48 52.0	-1.6	I25A	Rochford baz=48, SNR=8.8	48.24 320	P	P	08 49 13.1	-1.9
L31A	baz=44, SNR=6.5		ScP	ScP	08 53 56.5	-1.5	H29A	baz=46				08 48 52.7	-1.2	N23A	baz=48		ScP	ScP	08 49 06.8	-1.4
P29A	Atwood baz=44	44.26 316	P	P	08 48 34.9	-1.8	F30A	Leola baz=46, SNR=10	46.42 325	P	P	08 48 52.1	-1.5	N23A	Red Feather La baz=48	48.26 316	P	P	08 49 06.8	-1.4
P29A	baz=44		ScP	ScP	08 53 56.5	-1.8	F30A	baz=46				08 48 52.1	-1.5	N23A	Red Feather La baz=48, SNR=6.6	48.26 316	eP	P	08 49 07.4	-0.8
R28A	Tribune baz=44, SNR=13	44.28 314	P	P	08 48 35.5	-1.4	D31A	Mccafflin, Tow baz=46	46.43 327	P	P	08 48 53.1	-0.5	C28A	Hausauer Farms baz=48, SNR=6.6	48.28 326	P	P	08 49 07.1	-0.9
R28A	baz=44		ScP	ScP	08 53 57.0	-1.4	Y22D	IRIS PASCALL I baz=46	46.47 307	P	P	08 48 55.0	+0.7	SMCO	Snowmass baz=48, SNR=5.1	48.29 313	eP	P	08 49 08.2	-0.5
J32A	Parkton baz=44, SNR=7.2	44.30 323	P	P	08 48 35.3	-1.5	LENM	Lemitar baz=46	46.54 307	eP	P	08 48 55.6	+0.7	A29A	Manning Farm, baz=48, SNR=23	48.39 328	P	P	08 49 07.5	-1.2
J32A	baz=44		ScP	ScP	08 53 57.0	-1.2	G29A	Hoven baz=47, SNR=6.4	46.56 324	P	P	08 48 53.3	-1.4	A29A	baz=48		ScP	ScP	08 54 14.2	-1.0
T27A	Camp baz=44, SNR=19	44.37 312	P	P	08 48 35.7	-2.0	G29A	Porto Moniz, M comp=Z, 224nm, 1.6s	46.57 55	eP	P	08 48 57.7	+2.6	H25A	Fruitdale baz=48, SNR=7.2	48.46 321	P	P	08 49 08.1	-1.4
T27A	baz=44		ScP	ScP	08 53 56.8	-2.0	PMOZ	McRoberts Ranc comp=Z, 47nm, 1.6s	46.63 318	P	P	08 48 54.0	-1.4	RSSD	Black Hills RSSD	48.48 320	eP	pmax	08 49 08.8	-1.0
O29A	4D Ranch, Culb baz=44, SNR=6.2	44.42 317	P	P	08 48 36.3	-1.7	M26A	Flueckinger Fa baz=47	46.64 319	P	P	08 48 53.7	-1.8	RSSD	Black Hills comp=Z, 42nm, 2.1s	48.48 320	eP	P	08 49 08.8	-1.0
O29A	baz=44		ScP	ScP	08 53 57.7	-1.2	K27A	Midland baz=47, SNR=7.1	46.65 322	P	P	08 48 53.5	-1.9	J24A	Dixon Ranch, L baz=48	48.50 319	P	P	08 49 08.2	-1.6
H33A	Prehn Over Nor baz=44, SNR=6.2	44.44 325	P	P	08 48 37.5	-0.5	I28A	Midland baz=47, SNR=7.1	46.65 322	P	P	08 48 53.5	-1.9	F26A	Lodgepole baz=48, SNR=31	48.53 323	P	P	08 49 09.3	-0.7
H33A	baz=44, SNR=7.6		ScP	ScP	08 53 57.0	-1.8	I28A	baz=47				08 48 54.3	-1.7	F26A	baz=49		ScP	ScP	08 54 14.3	-1.7
I32A	Karley and Nic baz=44, SNR=20	44.45 324	P	P	08 48 37.2	-0.9	SDCO	Great Sand Dun baz=47, SNR=35	46.67 312	P	P	08 48 54.3	-1.7	D27A	Center baz=49, SNR=5.7	48.56 325	P	P	08 49 09.8	-0.3
I32A	baz=44		ScP	ScP	08 53 57.7	-1.2	SDCO	Great Sand Dun comp=Z, 11nm, 0.8s	46.67 312	eP	P	08 48 55.0	-1.0	G25A	Newell baz=49, SNR=11	48.64 322	P	P	08 49 09.8	-1.0
MNTX	Cornudas Mount comp=Z, 56nm, 1.3s	44.51 304	P	P	08 48 38.3	-0.5	SDCO	Great Sand Dun comp=Z, 11nm, 0.8s	46.67 312	eP	P	08 48 55.0	-1.0	B28A	Dugan Ranch, T baz=49, SNR=5.1	48.70 327	P	P	08 49 10.2	-0.9
MNTX	baz=44		ScP	ScP	08 53 57.1	-2.3	121A	Cookes Peak, D baz=47, SNR=23	46.70 304	P	P	08 48 54.4	-1.8	MVCO	Mesa Verde baz=49, SNR=13	48.70 310	P	P	08 49 10.5	-1.1
MNTX	Cornudas Mount comp=Z, 56nm, 1.3s	44.51 304	eP	P	08 48 38.4	-0.4	121A	Cookes Peak, D comp=Z, 26nm, 0.9s	46.70 304	eP	P	08 48 56.3	+0.1	MVCO	Mesa Verde baz=49, SNR=13	48.70 310	eP	P	08 49 11.9	-0.2
Q28A	Sharon Springs baz=45, SNR=6.8	44.62 315	P	P	08 48 38.2	-1.4	LAZ	Ladron baz=47, SNR=41	46.74 307	eP	P	08 48 56.7	+0.2	I24A	Kuemmerle Ranc baz=49	48.73 320	P	P	08 49 09.9	-1.7
Q28A	baz=45		ScP	ScP	08 53 57.5	-2.2	E30A	Jud baz=47, SNR=41	46.75 326	P	P	08 48 55.3	-0.9	E26A	Paradoux Angus baz=49, SNR=5.4	48.75 324	P	P	08 49 11.0	-0.6
L30A	Spencer Herefo baz=45, SNR=10	44.65 320	P	P	08 48 38.1	-1.7	E30A	baz=47				08 54 06.9	-1.5	E26A	baz=49		ScP	ScP	08 54 15.0	-1.9
N29A	Votaw Ranch, W baz=45	44.65 318	P	P	08 48 38.9	-0.9	FUL	Funchal baz=47, SNR=56	46.77 56	eP	P	08 48 58.8	+2.3	C27A	Saylor Ranch, baz=49	48.89 326	P	P	08 49 12.1	-0.5
H32A	Carlson Farm, baz=45, SNR=40	44.72 324	P	P	08 48 39.5	-0.8	J27A	Elkhorn Farm, baz=47, SNR=56	46.77 56	eP	P	08 48 54.5	-2.0	A28A	Rude Farm, Bot baz=49, SNR=6.9	48.92 327	P	P	08 49 11.7	-1.2
H32A	baz=45		ScP	ScP	08 53 58.7	-1.3	SLBS	Sierra La Lagu comp=Z, 46nm, 1.1s	46.81 292	eP	P	08 48 58.0	+0.9	W18A	Petrified Fore baz=49	48.99 307	P	P	08 49 13.8	0.0
S27A	Las Animas baz=45	44.76 313	P	P	08 48 40.1	-0.7	L26A	Underwood Farm baz=47	46.86 318	P	P	08 48 54.5	-2.7	W18A	Petrified Fore comp=Z, 17nm, 0.8s	48.99 307	eP	P	08 49 14.0	+0.2
J31A	Geddes baz=45, SNR=10	44.78 322	P	P	08 48 39.3	-1.4	F29A	Eureka baz=47, SNR=21	46.87 324	P	P	08 48 55.8	-1.3	D26A	Manning comp=Z, 30nm, 0.9s	49.04 324	P	P	08 49 13.4	-0.4
J31A	baz=45		ScP	ScP	08 53 58.8	-1.5	F29A	baz=47				08 54 07.6	-1.3	F25A	Bowman baz=49, SNR=6.2	49.04 323	P	P	08 49 13.2	-0.7
P28A	Saint Francis baz=45, SNR=11	44.80 316	P	P	08 48 39.7	-1.4	U65B	Hualaeo comp=Z, 92nm, 1.1s	46.88 191	eP	P	08 48 57.3	+0.1	PV01	Paradox Valley Tucson	49.07 311	eP	pmax	08 49 14.3	-0.1
P28A	baz=45		ScP	ScP	08 53 58.9	-1.6	Q24A	Divide baz=47	46.90 314	P	P	08 48 56.8	-1.1	TUC	Tucson comp=Z, 23nm, 1.3s	49.09 303	eP	pmax	08 49 14.3	-0.2
R27A	Eads baz=45, SNR=13	44.95 314	P	P	08 48 40.5	-1.8	Q24A	Divide comp=Z, 6.6nm, 0.9s	46.92 322	P	P	08 48 57.1	-0.7	TUC	Tucson comp=Z, 23nm, 1.3s	49.09 303	eP	P	08 49 14.3	-0.2
R27A	baz=45		ScP	ScP	08 53 59.9	-1.2	H28A	Mission Ridge baz=47	46.92 322	P	P	08 48 56.4	-1.1	J23A	Dilts Ranch, B baz=49	49.11 319	P	P	08 49 13.6	-0.9
K30A	Basset baz=45, SNR=18	44.98 321	P	P	08 48 40.7	-1.6	D30A	Buchanan baz=47, SNR=32	47.03 326	P	P	08 48 57.3	-1.0	H24A	Dirks Ranch, A baz=49, SNR=11	49.11 321	P	P	08 49 12.6	-1.8
K30A	baz=45		ScP	ScP	08 53 59.6	-1.5	G28A	Parade baz=47, SNR=17	47.08 323	P	P	08 48 57.8	-0.7	TRQA	Torquist comp=Z, 20nm, 0.9s	49.11 180	eP	P	08 49 14.3	0.0
M29A	Burnside Ranch baz=45	45.01 319	P	P	08 48 40.9	-1.7	G28A	Parade baz=47, SNR=17	47.08 323	P	P	08 48 57.8	-0.7	B27A	Peters Farms baz=49, SNR=9.9	49.16 326	P	P	08 49 14.0	-0.7
M29A	baz=45		ScP	ScP	08 53 60.0	-1.3	E29A	Napoleon baz=47, SNR=13	47.19 325	P	P	08 48 58.9	-0.7	C26A	Wahner Farm, P baz=49	49.29 325	P	P	08 49 15.2	-0.5
T26A	Comanche Natio baz=45, SNR=7.5	45.05 312	P	P	08 48 41.7	-1.5	M25A	Palm-Egill Farm baz=47	47.22 317	P	P	08 48 58.7	-1.3	E25A	Miller Ranch, baz=49, SNR=11	49.31 323	P	P	08 49 14.9	-1.0
T26A	baz=45		ScP	ScP	08 54 00.6	-1.1	I27A	Quinn baz=47, SNR=8.0	47.22 321	P	P	08 48 58.7	-1.3	G24A	Alzada baz=49	49.32 321	P	P	08 49 15.2	-0.8
O28A	Krutsinger Ran baz=45	45.08 317	P	P	08 48 41.5	-1.7	I27A	Quinn baz=47, SNR=8.0	47.22 321	P	P	08 48 58.7	-1.3	K22A	Casper baz=49, SNR=9.4	49.41 317	P	P	08 49 15.7	-1.1
O28A	baz=45		ScP	ScP	08 54 00.5	-1.1	I27A	baz=47				08 54 08.7	-1.7	K22A	Casper comp=Z, 90nm, 1.9s	49.41 317	eP	P	08 49 15.8	-1.0
K30A	Kaye Shedlock' baz=45	45.15 315	P	P	08 48 42.3	-1.5	C30A	Moose, Pekin baz=47	47.24 327	P	P	08 48 59.0	-0.9	PV04	Paradox Valley 49.44 311	eP	P	08 49 16.3	-0.5	
K30A	baz=45		ScP	ScP	08 53 60.0	-1.3	K26A	Motz Farm, Whi baz=47	47.24 319	P	P	08 48 58.6	-1.6	PV05	Paradox Valley 49.47 327	P	P	08 49 16.3	-0.2	
K30A	Kaye Shedlock' comp=Z, 81nm, 1.9s	45.15																		

I20A	Worland	51.02 318	P	P	08 49 27.6	-1.4
I20A	LASA Array	51.08 322	P	ScP	08 54 24.2	-2.6
LAO	LASA Array	51.08 322	P	P	08 49 28.6	-0.6
LAO	Miners Mountain	51.12 310	eP	P	08 49 28.2	-1.0
MMU	Greybull	51.17 319	P	P	08 49 29.5	-0.4
H20A	Greybull	51.17 319	P	ScP	08 49 28.2	-1.8
H10N3	ASCENSION HYDR51.27 110	T	T	09 44 55.6		
H10N2	ASCENSION HYDR51.28 110	T	T	09 44 55.8		
NRS	Narsarsuaq	51.29 10	iP	P	08 49 31.3	+0.9
NRS	Narsarsuaq	51.29 10	iP	P	08 49 31.3	+0.9
H10N1	ASCENSION HYDR51.30 110	T	T	09 44 56.5		
J19A	Crowheart	51.35 317	P	P	08 49 30.1	-1.4
TM07	Trail Mountain	51.41 312	eP	P	08 49 32.1	0.0
BU06	Boulder Array	51.49 316	eP	P	08 49 31.1	-1.4
H10S3	ASCENSION HYDR51.53 111	T	T	09 45 17.7		
H10S1	ASCENSION HYDR51.54 111	T	T	09 45 14.4		
H10S2	ASCENSION HYDR51.55 111	T	T	09 45 17.7		
I19A	Nietsetse	51.63 318	P	P	08 49 32.2	-1.4
I19A	Kanab	51.70 309	eP	ScP	08 54 27.3	-2.2
ESU	East Kanab	51.78 310	eP	P	08 49 34.3	+0.2
MSU	Marysville	51.88 310	eP	P	08 49 35.3	-0.2
H19A	Marysville	51.89 319	P	P	08 49 34.0	-1.4
H19A	Kanab	51.93 308	eP	ScP	08 54 28.7	-1.8
KNB	Kanab	51.93 308	eP	P	08 49 36.1	+0.2
KNB	Kanab	51.93 308	eP	P	08 49 36.1	+0.2
TCUT	Toone Canyon	52.16 314	eP	P	08 49 36.6	-1.0
NLU	North Lily Min	52.25 312	eP	P	08 49 36.1	-0.2
RLMT	Red Lodge	52.26 319	P	ScP	08 49 36.9	-1.3
RLMT	Red Lodge	52.26 319	eP	ScP	08 54 29.9	-2.3
CTU	Camp Tracy	52.26 313	eP	P	08 49 37.9	-0.3
PDMCI	Parker Dam,Lak	52.29 305	P	ScP	08 49 38.0	-0.3
PDMCI	Parker Dam,Lak	52.29 305	P	ScP	08 54 30.5	-1.8
RSUT	Red Spur Mount	52.35 314	eP	P	08 49 37.9	-1.1
HW07	Hardware Ranch	52.45 314	eP	P	08 49 38.3	-1.3
Y12C	Blythe	52.48 304	P	P	08 49 39.4	-0.3
CCUT	Cedar City	52.49 309	eP	P	08 49 39.8	-0.2
LOHW	Long Hollow	52.52 317	eP	P	08 49 38.9	-1.3
AHID	Auburn Hanger	52.54 316	eP	P	08 49 38.8	-1.5
SNOW	Snow King Moun	52.57 317	eP	P	08 49 40.0	-0.6
GLA	Glamis	52.58 303	eP	P	08 49 40.5	0.0
GLA	Glamis	52.58 303	eP	P	08 49 40.9	+0.3
GLA	Glamis	52.58 303	eP	P	08 49 40.5	0.0
REDW	Red Top Meadow	52.60 317	eP	P	08 49 39.6	-1.2
MOOW	Moose Ponds	52.67 317	eP	P	08 49 39.6	-1.7
TPAW	Teeton Pass	52.71 317	eP	P	08 49 40.5	-1.1
FLWY	Flagg Ranch	52.77 317	eP	P	08 49 41.4	-0.6
GCMT	Greyhilt	52.80 320	eP	P	08 49 41.7	-0.3
H17A	Grant Village	52.81 318	eP	P	08 49 42.5	+0.1
H17A	Grant Village	52.81 318	eP	P	08 49 42.5	+0.1
FXWY	Fox Creek	52.82 317	eP	P	08 49 41.1	-1.3
IMW	Indian Meadow	52.86 317	eP	P	08 49 41.5	-1.2
DUG	Dugway	52.87 312	eP	P	08 49 41.9	-0.8
DUG	Dugway	52.87 312	eP	P	08 49 42.1	-0.6
DUG	Dugway	52.87 312	eP	ScP	08 54 33.0	-1.9
DUG	Dugway	52.87 312	eP	P	08 49 41.9	-0.8
MLI	Malad Range	52.98 315	eP	P	08 49 42.2	-1.4
YFT	Old Faithful	53.01 318	eP	P	08 49 44.2	+0.4
IRM	Iron Mountain	53.07 304	P	P	08 49 44.4	+0.3
IRM	Iron Mountain	53.07 304	P	ScP	08 54 34.3	-1.5
YMR	Madison River	53.18 318	eP	P	08 49 44.9	0.0
BC3	Big Chalkwall	53.22 304	P	P	08 49 44.7	-0.6
BC3	Big Chalkwall	53.22 304	P	ScP	08 54 34.4	-2.1
LDFC	Landfair	53.24 305	eP	P	08 49 45.9	+0.5
BGU	Big Grassy Mou	53.26 313	eP	P	08 49 45.1	-0.4
FFC	Flin Flon	53.34 333	eP	P	08 49 44.5	-1.2
FFC	Flin Flon	53.34 333	eP	P	08 49 44.5	-1.2
HVU	Hansel Valley	53.36 314	eP	P	08 49 45.4	-0.9
HVU	Hansel Valley	53.36 314	eP	P	08 49 45.4	-0.9
QLMT	Earthquake Lak	53.55 318	eP	P	08 49 47.8	+0.2
SHPR	Sheep Range	53.61 307	eP	P	08 49 47.7	+0.5
GMRC	Granite Mounta	53.62 305	P	ScP	08 54 36.6	-1.6
BELO	Belle Mtn. Jos	53.73 304	P	P	08 49 48.5	-0.5
EGMT	Eagleton	53.83 322	P	ScP	08 49 49.0	-0.5
EGMT	Eagleton	53.83 322	P	ScP	08 54 38.3	-0.5
EGMT	Eagleton	53.83 322	P	P	08 49 49.0	-0.5
MONP	Monument Peak	53.86 302	P	P	08 49 50.0	-0.2
TUQ	Turquoise Moun	53.97 306	P	P	08 49 50.5	-0.3
TUQ	Turquoise Moun	53.97 306	P	ScP	08 54 38.1	-1.6
BOZ	Bozeman (W)	53.99 319	eP	P	08 49 49.5	-1.3
BOZ	Bozeman (W)	53.99 319	eP	P	08 49 49.8	-1.0
BOZ	Bozeman (W)	53.99 319	eP	P	08 49 49.5	-1.3

PFO	Pinyon Flat Ob	54.03 303	P	P	08 49 50.8	-0.4
PFO	Pinyon Flat Ob	54.03 303	P	ScP	08 54 38.7	-1.4
SHOC	Shoshone	54.35 306	P	P	08 49 54.3	+0.8
R11A	Troy Canyon, C	54.40 309	P	P	08 49 53.8	-0.1
R11A	Troy Canyon, C	54.40 309	eP	ScP	08 54 39.9	-1.8
R11A	Troy Canyon, C	54.40 309	eP	P	08 49 53.8	-0.1
MCMT	McKenzie Canyon	54.48 318	eP	P	08 49 54.3	-0.2
DLMT	Dillon	54.51 318	eP	P	08 49 53.8	-0.8
MORF	Marmetele	54.51 52	eP	P	08 49 57.2	+2.6
HRY	Holler Researc	54.55 320	eP	P	08 49 54.3	-0.5
TPNV	Topopah Spring	54.57 307	eP	P	08 49 55.5	+0.3
TPNV	Topopah Spring	54.57 307	P	P	08 49 55.3	+0.2
TPNV	Topopah Spring	54.57 307	eP	ScP	08 54 41.1	-1.3
TPNV	Topopah Spring	54.57 307	eP	P	08 49 55.5	+0.3
LRM	Fort Rock, OR	54.59 319	eP	P	08 49 54.1	-1.1
LURC	Murrieta	54.63 303	P	P	08 49 55.9	+0.3
GSC	Goldstone	54.65 305	eP	P	08 49 56.0	+0.4
GSC	Goldstone	54.65 305	eP	P	08 49 55.5	-0.2
GSC	Goldstone	54.65 305	eP	P	08 49 56.0	+0.4
RRX	Edison Barstow	54.72 305	P	P	08 49 56.4	+0.3
ELK	Elko	54.80 312	eP	P	08 49 55.6	-1.2
ELK	Elko	54.80 312	eP	P	08 49 55.6	-1.2
PNCL	Nicolau / Gran	54.80 51	eP	P	08 49 57.6	+1.0
FURC	Furnace Creek,	54.94 307	P	P	08 49 57.5	0.0
PBDV	Barranco-Do-Ve	55.06 52	eP	P	08 50 01.4	+2.9
PCVE	Castro Verde	55.06 52	eP	P	08 50 00.8	+2.3
HLID	Hailey	55.09 316	P	ScP	08 49 57.9	-0.9
HLID	Hailey	55.09 316	eP	ScP	08 54 43.8	-0.8
HLID	Hailey	55.09 316	eP	P	08 49 58.1	-0.7
BFSC	Mount Baldy Ra	55.13 304	P	P	08 49 58.6	-0.5
BFSC	Mount Baldy Ra	55.13 304	P	ScP	08 54 43.4	-1.5
PVAQ	Vaqueiros	55.26 52	eP	P	08 50 02.9	+3.0
PTOM	Tom	55.27 49	eP	P	08 50 02.1	+2.1
EVO	Evora	55.30 51	eP	P	08 50 02.4	+2.2
PCAS	Castro Verde	55.33 49	eP	P	08 50 02.3	+2.0
MPMC	Manual Prospec	55.35 306	P	P	08 50 00.2	-0.6
MPMC	Manual Prospec	55.35 306	P	ScP	08 54 44.4	-1.5
LRMC	Laurel Mountai	55.39 305	P	P	08 50 00.4	-0.6
GRAC	Grapevine Rang	55.45 307	P	P	08 50 01.5	+0.1
DAC	Darwin (Calif)	55.47 306	eP	P	08 49 59.9	-1.8
DAC	Darwin (Calif)	55.47 306	eP	P	08 49 59.9	-1.8
EDW2	Edwards Air Fo	55.51 305	P	P	08 50 01.6	-0.3
EDW2	Edwards Air Fo	55.51 305	P	ScP	08 54 44.9	-1.6
CHMT	Chamberlain Mo	55.52 320	eP	P	08 50 01.0	-0.9
TPH	Tonopah	55.58 309	eP	P	08 50 02.5	+0.1
TPH	Tonopah	55.58 309	eP	P	08 50 02.5	+0.1
PESTR	Estremoz	55.70 51	eP	P	08 50 05.9	+2.8
SLMT	Seeley Lake	55.80 320	eP	P	08 50 03.0	-0.9
MSO	Missoula	55.93 320	eP	P	08 50 03.7	-1.0
MISO	Missoula	55.93 320	eP	P	08 50 04.2	-0.4
PVIS	Viseu	55.95 48	eP	P	08 50 06.6	+1.8
PBAR	Barrancos	55.96 51	eP	P	08 50 07.5	+2.6
PMRV	Marv?o	55.99 50	eP	P	08 50 07.0	+1.9
MFID	Camas Ranch	56.02 315	eP	P	08 50 04.8	-0.5
PGAV	Gavieira, Arco	56.02 47	eP	P	08 50 07.1	+1.7
PCBR	Castelo Branco	56.03 49	eP	P	08 50 07.7	+2.4
ISA	Isabella	56.05 305	ScP	ScP	08 54 47.4	-1.4
MTE	Manteigas	56.12 49	eP	P	08 50 08.1	+2.0
BMN	Battle Mountai	56.16 311	eP	P	08 50 06.1	-0.4
BMN	Battle Mountai	56.16 311	eP	P	08 50 06.1	-0.4
BMN	Battle Mountai	56.16 311	eP	P	08 50 06.1	-0.4
POLO	Lamas de Olo	56.20 48	eP	P	08 50 08.7	+2.1
SWMT	Swamp Lake	56.22 320	eP	P	08 50 06.2	-0.5
PVRL	Vila Real	56.23 48	eP	P	08 50 08.9	+2.1
ARVC	Arvin	56.24 305	P	P	08 50 07.1	+0.2
YBMT	Yellow Bay	56.37 321	eP	P	08 50 07.4	-0.4
JTMT	Jette	56.49 320	eP	P	08 50 08.2	-0.4
NVAR	Mina Array Bea	56.49 309	P	P	08 50 08.7	-0.2
NVAR	Mina Array Bea	56.49 309	P	ScP	08 54 48.2	-2.7
NVAR	Mina Array Bea	56.49 309	P	P	08 50 08.7	-0.2
NVAR	Mina Array Bea	56.49 309	P	P	08 50 08.7	-0.2
YES	Vestal, Richgr	56.57 306	P	P	08 50 09.2	0.0
BSC	Santa Cruz Isl	56.70 303	P	P	08 50 09.7	-0.6
MVO	Moncorvo	56.70 48	eP	P	08 50 12.4	+2.2
TALC	Touodil	56.76 89	eP	P	08 50 41.8	-1.4
WICA	Waterton Lakes	56.77 322	eP	P	08 50 09.6	-1.0
LIC	Lamto	56.82 90	eP	P	08 50 42.2	-1.4
BSMT	Bassoo Peak	56.84 320	eP	P	08 50 10.4	-0.9
DBIC	Dimbokro	56.91 89	P	P	08 50 13.3	+3.3
PBRG	Braganca	57.03 47	eP	P	08 50 15.0	+2.2
KIC	Kosan Boka	57.08 90	eP	P	08 50 43.9	-1.6
SMMC	Simmler	57.21 305	P	P	08 50 13.6	-0.2
WVOR	Wild Horse Val	57.71 313	eP	P	08 50 16.5	-0.8
WVOR	Wild Horse Val	57.71 313	eP	P	08 50 16.5	-0.8
CMB	Columbia Colle	58.01 308	eP	P	08 50 18.4	-1.0
CMB	Columbia Colle	58.01 308	eP	P	08 50 18.4	-1.0
CMB	Columbia Colle	58.01 308	eP	P	08 50 18.4	-1.0
EDM	Edmonton	58.20 327	eP	P	08 50 19.1	-1.3

EDM	Edmonton	58.20 327	eP	P	08 50 19.1	-1.3
EDM	Edmonton	58.20 327	eP	P	08 50 19.1	-1.3
LRV	Littlitz	58.22 306	eP	P	08 50 20.7	-0.1
NEW	Newport	58.46 320	eP	P	08 50 21.1	-1.2
NEW	Newport	58.46 320	eP	P	08 50 20.7	-1.6
NEW	Newport	58.46 320	eP	P	08 50 21.1	-1.2
NEW	Newport	58.46 320	eP	P	08 50 21.1	-1.2
ESDC	Sonseca Array	58.63 50	P	P	08 50 25.2	+1.6
ESDC	Sonseca Array	58.63 50	P	P	08 50 25.2	+1.6
G08A	Pilot Rock	58.72 316	eP	P	08 50 23.2	-1.1
C09A	Christman Ranch	59.03 319	eP	P	08 50 25.1	-1.1
OHCM	Honcut	5				

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like Hu-ho-hao-te, MAJO Matusushiro, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like DANN Dangsing, BJT Beijing, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like DMN Daman, PKRI Pulchoki, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like KSRS comp-Z, 6.3nm, 1.0s, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like CD2 Chengdu, GYA Guiyang, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like KMI Kunming, CHTO Chiang Mai, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like EIDS Eidsvold, TPIUB Ta-pu, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like STKA Stephens Creek, STKA Stephens Creek, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like PMG Port Moresby, PMG Port Moresby, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like CTAO Charters Tower, CTAO Charters Tower, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like WRAB Tennant Creek, WRAB Tennant Creek, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like SBUM Sibiu, WRA Warramunga Arr, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like ASAR Alice Springs, SONM Songo Array, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like SEY Seymchan, MKAR Makanchi Array, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like SONM Songo Array, SEY Seymchan, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like MKAR Makanchi Array, ZALV Zalesovo Beam, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like ILAR Eielson Array, ABKAR Akbulak array, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like ARCES ARCES Array B, FINES FINES Array B, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like GUMO Guam, WRA Warramunga Arr, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like ASAR Alice Springs, CMAR Chiang Mai Arr, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like ZALV Zalesovo Beam, KURBS Kurbs, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like BVAR Borovoye Array, ILAR Eielson Array, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like ARCES ARCES Array B, FINES FINES Array B, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like LPAZ La Paz, GUMO Guam, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like WRA Warramunga Arr, ILA ilan, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like ENA Ena, NWF Nan Shan, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like TWC Suao, TWC Suao, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like NSY Sanyi, NSY Sanyi, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like TWQ1 Lyutan, TWQ1 Lyutan, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like SMLT Sun Moon Lake, SMLT Sun Moon Lake, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like SMLT Sun Moon Lake, SMLT Sun Moon Lake, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like TCU Taichung, TCU Taichung, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like JTW Tarama, JTW Tarama, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like WNT Wnt, WNT Wnt, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like CHKT Chengkung, CHKT Chengkung, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like ALS Alshan, ALS Alshan, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like CHNS Tsaling, CHNS Tsaling, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like ELDTW Lidau, ELDTW Lidau, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like CHN2 Minshui, CHN2 Minshui, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like CHN2 Tsauhan, CHN2 Tsauhan, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like CHN4 Tsauhan, CHN4 Tsauhan, etc.

14 08:51:50.9, 0.8, 12.239N, 141.782E, h0km, mb4.1/9, Error ellipse: s-maj=33.2km s-min=19.4km az=86.0

ISC 14 08:51:55.3, 0.9, 12.4N, 0.2, 142.0E, 0.1, h33km, n11, r15/11, mb4.2/9, South of Mariana Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like GUMO Guam, WRA Warramunga Arr, etc.

ISC/JB 14 08:52:42.9, 0.2, 24.69N, 0.02, 122.62E, 0.02, h106km, 2km, mb3.6/7, Error ellipse: s-maj=4.1km s-min=2.2km az=162.2

JMA 14 08:52:43.5, 0.1, 24.1, 60N, 122.58E, h102km, 1km, M3.4, IDC 14 08:52:43.4, 3.9, 24.83N, 122.59E, h102km, 36km, mb3.4/8, ms1 3.6/9, mb1mx3.3/38, mbtm3.7/9, MS3.7/1, Ms1 3.7/1, ms1mx2.9/39, Error ellipse: s-maj=29.1km s-min=17.2km az=74.0

TAP 14 08:52:44.2, 24.71N, 122.57E, h98km, ML4.4, C ISC 14 08:52:43.3, 0.7, 24.69N, 0.04, 122.61E, 0.02, h103km, 5km, n84, r15/13, mb4.3/7, 18D, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like JYNG Yonagunijimaku, JYNG Yonagunijimaku, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like TWC Suao, TWC Suao, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like ILA ilan, ILA ilan, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like ENA Ena, ENA Ena, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like NWF Nan Shan, NWF Nan Shan, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like ENA Ena, ENA Ena, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like TWC Suao, TWC Suao, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like TWC Suao, TWC Suao, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like TWC Suao, TWC Suao, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like TWC Suao, TWC Suao, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like TWQ1 Lyutan, TWQ1 Lyutan, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like SMLT Sun Moon Lake, SMLT Sun Moon Lake, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like TCU Taichung, TCU Taichung, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like JTW Tarama, JTW Tarama, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like WNT Wnt, WNT Wnt, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like CHKT Chengkung, CHKT Chengkung, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like ALS Alshan, ALS Alshan, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like CHNS Tsaling, CHNS Tsaling, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like ELDTW Lidau, ELDTW Lidau, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like CHN2 Minshui, CHN2 Minshui, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like CHN2 Tsauhan, CHN2 Tsauhan, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like CHN4 Tsauhan, CHN4 Tsauhan, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like STYT Tauyuan, STYT Tauyuan, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like CHY Chiayi, CHY Chiayi, etc.

ISC 14 08:40:41.0, 1.1, 12.277N, 141.76E, h0km, mb3.8/7, mb1 4.0/7, mb1mx3.7/38, mbtm3.8/7, Error ellipse: s-maj=46.4km s-min=18.6km az=91.0, South of Mariana Islands

ISC 14 08:43:40.4, 0.4, 8, 12.204N, 140.46E, h0km, mb3.8/4, mb1 4.0/4, mb1mx3.6/33, mbtm3.8/4, Error ellipse: s-maj=21.2km s-min=23.2km az=79.0, Western Caroline Islands

ISC 14 08:46:36.0, 0.8, 12.34N, 141.71E, h0km, mb4.0/10, mb1 4.2/10, mb1mx3.9/36, mbtm4.0/10, MS4.0/2, Ms1 4.1/2, ms1mx3.2/45, Error ellipse: s-maj=31.3km s-min=18.4km az=90.0

NEIC 14 08:46:38.1, 0.6, 12.31N, 141.45E, h10km, mb4.2/2, Error ellipse: s-maj=16.7km s-min=13.6km az=104.0

ISC 14 08:46:40.4, 0.8, 12.3N, 0.1, 141.9E, 0.1, h33km, n16, r15/14, mb4.2/12, South of Mariana Islands

ISC 14 08:52:51.1, 5.7, 12.42N, 142.33E, h0km, mb3.8/5, mb1 3.9/5, mb1mx3.6/37, mbtm3.8/5, Error ellipse: s-maj=243.5km s-min=22.5km az=80.0, South of Mariana Islands

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Sadoo Pong, Tucson, Tucson, Troy Canyon, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Great Sand Dun, Bozemann (W), LZH Lanzhou, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Panska Ves, Prunichone, Prunichone, Novy Kostel, etc.

0.5nm,0.7s,baz=340,slew=6.5,SNR=5.4					
ILAR Eielson Array	83.50	22	P	09 36 05.7	-0.1
1.8nm,0.9s,baz=256,slew=6.0,SNR=12					
KURK Kurchatov	83.92	32	P	09 36 08.1	-0.1
KURBB Kurchatov Arr	83.93	32	P	09 36 08.1	-0.3
0.9nm,0.8s,baz=102,slew=4.5,SNR=4.0					
NVAR Mina Array Bea	93.55	52	P	09 36 53.7	-1.2
0.1nm,0.3s,baz=256,slew=6.1,SNR=2.8					
TORD Torodi Arr	149.59	286	PKPbc	09 43 28.4	-0.3
2.2nm,0.7s,baz=72,slew=2.0,SNR=1.5					

12C 14 09:27:17.4:1.1, 12:45N:141:87E, h0km, mb3.9/9, mb1 4.0/9, mb1mx3.7/47, mbtm3.9/9, Error ellipse: s-maj=38.4km s-min=21.1km az=89.0

NEIC 14 09:27:18.8:0.6, 12:44N:141:90E, h10km, mb4.1/1, Error ellipse: s-maj=23.6km s-min=11.4km az=87.0

ISCJB 14 09:27:20.5:0.9, 12:44N:141:90E, h33km, mb3.8/10, Error ellipse: s-maj=35.2km s-min=15.0km az=176.2

ISC 14 09:27:22.3:1.1, 12:42N:02:141:9E, h33km, n12, 0:057/12, mb3.9/10, South of Mariana Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
WRAB	Tennant Creek	32.98	193	eP	09 33 54.5	+0.1
2.5nm,1.1s						
WRA	Warramunga Arr	32.99	193	P	09 33 54.0	-0.5
0.9nm,0.7s,baz=12,slew=9.4,SNR=5.6						
ASAR	Alice Springs	36.69	192	P	09 34 26.8	+0.4
0.2nm,0.6s,baz=22,slew=10.0,SNR=3.1						
CMAR	Chiang Mai Arr	41.73	284	P	09 35 09.1	+0.4
0.6nm,0.3s,baz=89,slew=9.2,SNR=3.7						
MKAR	Makanchi Array	60.33	317	P	09 37 07.4	-0.7
0.2nm,0.4s,baz=82,slew=10.0,SNR=2.6						
KURK	Kurchatov	63.61	321	P	09 37 50.4	+0.4
KURBB Kurchatov Arr	63.60	321	P	09 37 50.4	+0.2	
1.0nm,0.6s,baz=105,slew=6.9,SNR=8.2						
BVAR	Borovyoye Array	69.04	322	P	09 39 25.1	+0.3
0.6nm,0.5s,baz=108,slew=9.3,SNR=5.5						
ILAR	Eielson Array	70.86	325	P	09 38 36.4	+0.6
0.5nm,0.7s,baz=256,slew=6.0,SNR=4.2						
ARCES	ARCES Array B	87.29	342	P	09 40 05.1	-0.4
1.0nm,0.6s,baz=44,slew=7.2,SNR=4.0						
FINES	FINES Array B	90.97	334	P	09 40 21.9	-1.0
0.9nm,0.7s,baz=53,slew=6.4,SNR=5.9						
OTAV	Otavalo	138.08	76	ePKPdf	09 46 45.2	-0.4

12C 14 09:28:46.3:1.2, 12:45N:141:88E, h0km, mb3.8/8, mb1 4.0/8, mb1mx3.7/48, mbtm3.8/8, Error ellipse: s-maj=41.8km s-min=21.4km az=87.0

NEIC 14 09:28:47.9:0.8, 12:44N:141:88E, h10km, mb4.3/1, Error ellipse: s-maj=29.0km s-min=12.5km az=86.0

ISCJB 14 09:28:49.4:1.0, 12:44N:02:141:9E, h33km, mb3.8/9, Error ellipse: s-maj=36.5km s-min=15.4km az=175.0

ISC 14 09:28:51.3:1.2, 12:42N:02:141:9E, h33km, n10, 0:062/10, mb3.9/9, South of Mariana Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
WRAB	Tennant Creek	32.99	193	eP	09 35 23.6	+0.1
4.8nm,1.1s						
WRA	Warramunga Arr	33.00	193	P	09 35 23.1	-0.4
0.9nm,0.7s,baz=12,slew=9.4,SNR=6.5						
ASAR	Alice Springs	36.70	192	P	09 35 55.8	+0.3
0.4nm,0.8s,baz=19,slew=11.1,SNR=3.3						
CMAR	Chiang Mai Arr	41.73	284	P	09 36 38.0	+0.3
0.9nm,0.3s,baz=87,slew=6.1,SNR=4.2						
MKAR	Makanchi Array	60.32	317	P	09 38 56.9	-0.1
0.2nm,0.5s,baz=87,slew=7.4,SNR=2.3						
KURK	Kurchatov	63.60	321	P	09 39 19.4	+0.4
KURBB Kurchatov Arr	63.64	321	P	09 39 19.4	+0.2	
1.2nm,0.7s,baz=106,slew=6.8,SNR=7.0						
BVAR	Borovyoye Array	69.03	322	P	09 39 53.9	+0.2
1.0nm,0.5s,baz=93,slew=9.4,SNR=4.4						
ILAR	Eielson Arr	70.86	325	P	09 40 05.3	+0.6
0.6nm,0.8s,baz=246,slew=6.0,SNR=5.9						
FINES	FINES Array B	90.96	334	P	09 41 50.5	-1.3
0.5nm,0.5s,baz=60,slew=4.6,SNR=7.3						

ISCJB 14 09:32:22.5:0.8, 51:46N:0:04:16:15E, h0km, Error ellipse: s-maj=5.8km s-min=3.1km az=14.4

CSEM 14 09:32:23.0:0.4, 51:47N:16:15E, h2km, ML3.1/8, Error ellipse: s-maj=6.7km s-min=3.5km az=7.0

PRU 14 09:32:25.0:1.5, 46N:16:14E, h0km

ISC 14 09:32:24.1:1.2, 51:49N:0:06:16:16E, h0km, n27, 0:056/53, Poland

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
KSP	Ksiaz	0.65	172	eP	09 32 37.2	+0.7
KSP	Ksiaz	0.65	172	eP	09 32 46.1	+1.3
KSP	Ksiaz	0.65	172	eP	09 32 37.2	+0.7
KSP	Ksiaz	0.65	172	eP	09 32 46.1	+1.3
DPC	Dobruska-Polom	1.14	175	eP	09 32 46.1	+0.2
DPC	Dobruska-Polom	1.14	175	eP	09 33 00.6	+0.1
DPC	Dobruska-Polom	1.14	175	eP	09 32 46.1	+0.2
DPC	Dobruska-Polom	1.14	175	eP	09 33 00.6	+0.1
PVCC	Panska Ves	1.39	227	eP	09 32 50.3	-0.4
PVCC	Panska Ves	1.39	227	eP	09 33 09.8	+0.1
PVCC	Panska Ves	1.39	227	eP	09 32 50.3	-0.4
PVCC	Panska Ves	1.39	227	eP	09 33 09.8	+0.1
KRLC	Kraliky	1.47	164	eP	09 32 51.2	-0.6
KRLC	Kraliky	1.47	164	eP	09 33 10.2	-0.9
KRLC	Kraliky	1.47	164	eP	09 32 51.2	-0.6
KRLC	Kraliky	1.47	164	eP	09 33 10.2	-0.9
BRG	Berggiesshubel	1.52	247	eP	09 32 53.1	-0.1
BRG	Berggiesshubel	1.52	247	eP	09 33 13.3	+0.3
PRA	Prague	1.79	218	eP	09 32 55.6	-0.6
PRA	Prague	1.79	218	eP	09 32 58.5	+0.2
PRA	Prague	1.79	218	eP	09 33 20.4	-0.3
PRA	Prague	1.79	218	eP	09 32 55.6	-0.6
GOPC	GO Pecny, Ondr	1.80	210	eP	09 32 56.4	+0.1
GOPC	GO Pecny, Ondr	1.80	210	eP	09 32 57.9	0.0
GOPC	GO Pecny, Ondr	1.80	210	eP	09 33 21.0	+0.1
GOPC	GO Pecny, Ondr	1.80	210	eP	09 32 56.4	+0.1
GOPC	GO Pecny, Ondr	1.80	210	eP	09 32 57.9	0.0
GOPC	GO Pecny, Ondr	1.80	210	eP	09 33 21.0	+0.1
PRU	Pruhonice	1.82	215	eP	09 32 57.7	-0.4
PRU	Pruhonice	1.82	215	eP	09 33 22.5	+0.1
PRU	Pruhonice	1.82	215	eP	09 32 57.7	-0.4
PRU	Pruhonice	1.82	215	eP	09 33 22.5	+0.1
MORC	Moravsky Berou	1.92	152	eP	09 33 25.7	-0.1
CLL	Colim	1.98	266	eP	09 33 01.0	0.0
CLL	Colim	1.98	266	eP	09 33 07.0	+0.7
OKC	Ostrava-Krasne	2.08	142	eP	09 33 03.4	-0.5
OKC	Ostrava-Krasne	2.08	142	eP	09 33 29.8	+0.8
OKC	Ostrava-Krasne	2.08	142	eP	09 33 03.4	-0.5
OKC	Ostrava-Krasne	2.08	142	eP	09 33 29.8	+0.8
VRAC	Vranov	2.20	173	eP	09 33 33.8	-0.8
OJC	Ojcow	2.63	117	eP	09 33 14.1	-0.4
OJC	Ojcow	2.63	117	eP	09 33 49.3	+0.7
OJC	Ojcow	2.63	117	eP	09 33 14.1	-0.4
OJC	Ojcow	2.63	117	eP	09 33 49.3	+0.7
NKC	Novy Kostel	2.66	243	eP	09 33 08.4	+0.2
NKC	Novy Kostel	2.66	243	eP	09 33 14.6	-0.5
NKC	Novy Kostel	2.66	243	eP	09 33 49.9	+0.3
NKC	Novy Kostel	2.66	243	eP	09 33 14.6	-0.5
NKC	Novy Kostel	2.66	243	eP	09 33 49.9	+0.3
NKC	Kasperske Hory	2.88	216	eP	09 33 08.4	+0.2
NKC	Kasperske Hory	2.88	216	eP	09 33 11.1	-0.1
NKC	Kasperske Hory	2.88	216	eP	09 33 17.0	+0.7
NKC	Kasperske Hory	2.88	216	eP	09 33 45.1	-1.4
NKC	Kasperske Hory	2.88	216	eP	09 33 56.4	-0.1
NKC	Kasperske Hory	2.88	216	eP	09 33 11.1	-0.1

12C 14 09:38:24.9:0.7, 12:35N:141:69E, h0km, mb4.2/11,

mb1 4.3/11, mb1mx4.0/42, mbtm4.2/11, Error ellipse: s-maj=30.7km s-min=16.2km az=79.0

NEIC 14 09:38:26.9:0.5, 12:31N:141:48E, h10km, mb4.3/1, Error ellipse: s-maj=14.2km s-min=11.1km az=90.0

ISCJB 14 09:38:28.4:0.6, 12:27N:0:09:141:5E, h33km, mb4.2/12, Error ellipse: s-maj=16.1km s-min=12.6km az=2.2

ISC 14 09:38:30.0:0.7, 12:30N:0:141:6E, h33km, n15, 0:070/15, mb4.3/12, South of Mariana Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
GUMO	Guam	3.38	68	Pb	09 39 23.4	-5.9
15nm,0.3s,baz=177,slew=8.9,SNR=11						
GUMO	Guam	3.38	68	Sb	09 40 10.0	0.0
4.7nm,0.3s,baz=18,slew=9.9,SNR=11						
CTA	Charters Tower	32.54	172	P	09 44 59.2	+1.0
2.3nm,0.7s,baz=28,slew=11.1,SNR=4.9						
WRAB	Tennant Creek	32.98	193	eP	09 45 00.5	-0.5
3.0nm,0.7s						
WRA	Warramunga Arr	32.87	193	P	09 45 00.3	-0.8
4.1nm,0.7s,baz=13,slew=9.6,SNR=3.4						
ASAR	Alice Springs	36.58	192	P	09 45 32.4	-0.7
0.8nm,0.8s,baz=18,slew=12.1,SNR=9.1						
ASAR	Alice Springs	36.58	192	PcP	09 47 55.8	-0.4
0.7nm,0.8s,baz=33,slew=2.5,SNR=4.5						
CMAR	Chiang Mai Arr	41.54	284	P	09 46 14.9	+0.1
3.1nm,0.7s,baz=85,slew=6.6,SNR=1.6						
SOMN	Songino Array	46.01	327	P	09 46 50.9	+0.5
0.6nm,0.5s,baz=159,slew=5.2,SNR=4.2						
MKAR	Makanchi Array	60.23	317	P	09 48 35.5	+0.4
5.1nm,0.9s,baz=97,slew=8.8,SNR=2.9						
ZALV	Zalveson Beam	60.83	325	P	09 48 39.3	+0.3
1.4nm,0.5s,baz=102,slew=9.9,SNR=6.1						
BVAR	Borovyoye Array	68.97	322	P	09 49 32.2	+0.3
6.4nm,0.6s,baz=110,slew=9.2,SNR=2.9						
ILAR	Eielson Array	71.04	25	P	09 49 44.0	-0.5
3.0nm,0.7s,baz=249,slew=5.9,SNR=2.1						
ARCES	ARCES Array B	87.29	342	P	09 51 12.9	-0.1
1.2nm,0.6s,baz=70,slew=7.0,SNR=8.2						
FINES	FINES Array B	90.94	334	P	09 51 28.9	-1.4
0.9nm,0.5s,baz=89,slew=4.7,SNR=11.1						
LRS	Laz	150.90	101	ePKPdf	09 57 46.2	-7.2
LPAZ	Laz	150.90	101	ePKPbc	09 58 21.8	+0.7
1.5nm,0.6s,baz=342,slew=1.7,SNR=8.3						

12C 14 09:52:06.9:0.9, 12:33N:141:64E, h0km, mb3.9/7, mb1 4.0/7, mb1mx3.7/36, mbtm3.9/7, Error ellipse: s-maj=43.6km s-min=20.3km az=83.0

NEIC 14 09:52:09.0:0.6, 12:30N:141:40E, h10km, mb4.6/1, Error ellipse: s-maj=17.0km s-min=13.0km az=109.0

ISC 14 09:52:11.5:0.9, 12:33N:02:141:9E, h33km, n11, 0:099/11, mb4.0/8, South of Mariana Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
GUMO	Guam	3.14	66	Pb	09 53 06.1	-0.6
5.8nm,0.3s,baz=200,slew=15.9,SNR=2.9						
WRAB	Tennant Creek	32.91	193	eP	09 58 42.5	-0.4
12nm,1.3s						
WRA	Warramunga Arr	32.92	193	P	09 58 42.1	-0.9
1.3nm,0.8s,baz=13,slew=9.7,SNR=1.2						
ASAR	Alice Springs	36.62	192</			

14d 11h

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, and SNR. Includes stations like EDM Edmonton, G03D McMinville, NEW Newport, SEY Seymour, etc.

2010 AUG

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, and SNR. Includes stations like H32A Carlson Farm, MVCO Meya Verde, Y12C Blythe, O26A Horse Wrangler, etc.

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Table with columns: Call Sign, Name, Azimuth, Elevation, Power, and SNR. Includes stations like X36A Centrahoma, W37A Quinton, Z34A Collier Ranch, 330A Mertz, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Rows include TVSB, DST, Dursunbey, AYDN, etc.

JMA 14 11:37:38.8-0.3, 32.93N:142.74E, h28km, M3.6, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Rows include JHJ2, JHU, JHO, etc.

ISCJB 14 11:50:16.1±0.5, 5.86S:0.04±127.65E:0.09, h400km, mb3.7/4, Error ellipse: s-maj=12.2km s-min=5.1km az=1.3

AUST 14 11:50:17.3-0.9, 5.78S:127.86E, h416km, Error ellipse: s-maj=2.2km s-min=1.1km az=295.0

DJA 14 11:50:19.3±1.6, 5.5±12.8E±, h402km±20km, M4.2/10, mb4.4/4, mb4.7/3, MLv4.2/10, Mw(mb)3.9/3

ISC 14 11:50:16.7-0.7, 5.83S:0.06±127.77E:0.10, h400km, n27, ±136°/30, mb3.9/4, Banda Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Rows include BNDI, NIAI, MSAI, etc.

ISC 14 11:50:24.0-0.4, 48.41S:87.09W, h0km, mb4.3/15, mb1.4/4/15, mb1mx4.4/21, mbtmp4.3/15, MS4.1/12

ISCJB 14 11:50:25.3-0.3, 48.40S:0.06±87.02W:0.09, h10km, mb4.6/36, MS4.0/11, Error ellipse: s-maj=8.7km s-min=7.6km az=41.8

NEIC 14 11:50:25.9-0.2, 48.43S:87.21W, h10km, mb4.9/23, Error ellipse: s-maj=9.7km s-min=7.1km az=114.0

ISC 14 11:50:26.1±0.4, 48.38S±0.08±87.15W±0.10, h10km, n349, ±692°/347, mb4.7/35, MS4.1/11, Southern Pacific Ocean

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Rows include USHA, U65B, PMSA, etc.

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Rows include VVDA, OTAV, OTAV, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Rows include Z36A, 129A, 128A, etc.

Table with columns: IRM, Iron Mountain, 85.90 337 P, P, 12 03 06.7 +0.9, etc. Lists various stations and their coordinates.

Table with columns: N30A, Hueftel Ranch, 89.53 350 P, P, 12 03 24.6 +1.4, etc. Lists various stations and their coordinates.

Table with columns: MKAR, Warramunga Arr, 33.64 196 P, P, 12 03 26.6 +2.0, etc. Lists various stations and their coordinates.

14d 13h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WRKA Warakurna, MKAR Makanchi Array.

IDC 14 13:09:14.7.4.4, 16.86Sx14.08W, h0km, mb4.2/7, mb1 4.2/7, mb1mx3.9/23, mbtmp4.2/7, MS3.4/9, Ms1 3.3/9, ms1mx3.1/26, Error ellipse: s-maj=186.9km s-min=88.4km az=106.0, Southern Mid-Atlantic Ridge

Main table of station data for the 14d 13h period, including stations like H10S2 ASCENSION HYDR, H10S3 ASCENSION HYDR, etc.

ISCJB 14 13:11:40.9.0.7, 12.3N, 0.1E, 141.31E, 0.07, h35km, mb4.1/10, Error ellipse: s-maj=17.4km s-min=9.4km az=162.4

IDC 14 13:11:47.8.3.0, 12.25N, 141.60E, h89km, mb4.0/m, mb3.6/9, mb1 3.8/10, mb1mx3.5/26, mbtmp3.9/10, MS2.4/2, Ms1 2.4/2, ms1mx2.2/41, Error ellipse: s-maj=24.5km s-min=16.0km az=100.0

ISC 14 13:11:43.0.0.9, 12.22N, 0.2E, 141.3E, 0.1, h35km, n13, e087/11, mb4.1/10, South of Mariana Islands

Table of station data for the 14d 13h period, including stations like GUMO Guam, GUMO GUMO, JCJ Chichijima, etc.

SJA 14 13:30:47.1.0.2, 33.71S, 73.73W, h33km, ML4.0, MW3.2, ISCJB 14 13:30:55.0.1.1, 34.19S, 0.03E, 72.43W, 0.06, h10km, 6km, mb3.6/1, Error ellipse: s-maj=9.1km s-min=5.5km az=16.3

GUC 14 13:30:56.0.3.34, 15S, 72.35W, h7km, 1km, ML4.0, NEIC 14 13:30:56.0.34, 14S, 72.34W, h7km, mb3.8/1, ML4.0(GUC), After GUC.

NEIC Felt [I] at Rancagua and Rengo. Also felt at San Francisco de Mostazal.

ISC 14 13:30:53.5.2.1, 34.15S, 0.05E, 72.46W, 0.09, h1km, 12km, n27, r+12/34, 3C-3D, Near coast of central Chile

Main table of station data for the 14d 13h period, including stations like U73B San Pedro, U65B Hualae, etc.

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Table with columns: SAML Samuel, 26.50 21 P P, 13.36 32.2 -0.4

IDC 14 13:35:27.5.3.1, 5.60S, 150.82E, h0km, mb2.9/2, mb1 3.3/3, mb1mx3.1/37, mbtmp3.1/3, ML1.2/1, Error ellipse: s-maj=129.7km s-min=37.0km az=122.0, New Britain region

Table of station data for the 2010 AUG period, including stations like PMG Port Moresby, WRA Warramunga Arr, etc.

Bull 14 13:37:42.9.4.8, 83S, 100.51E, h21km, mb4.7/52, mB5.0/41, Ms4.8/45, Ms7.4.5/41

AUST 14 13:37:47.6.4.3, 35S, 99.95E, h35km, IDC 14 13:37:48.2.7.3, 35S, 100.53E, h0km, mb4.4/18, mb1 4.5/21, mb1mx3.4/30, mbtmp4.2/21, ML4.0/3, MS3.8/12, Ms1 3.8/12, ms1mx3.4/52, Error ellipse: s-maj=22.7km s-min=10.6km az=51.0

ISCJB 14 13:37:50.4.0.3, 3.98S, 0.04E, 100.52E, 0.03, h27km, mb4.6/32, MS3.8/11, Error ellipse: s-maj=6.8km s-min=3.1km az=39.2

DJA 14 13:37:50.9.0.5, 4.5S, 101.0E, h52km, 4km, M4.7/22, mb4.8/20, mB5.2/10, MLV4.9/22, Mv(mB)4.6/10, Mwp5.9/2, NEIC 14 13:37:53.0.0.5, 3.95S, 100.57E, h35km, mb5.0/12, Error ellipse: s-maj=14.1km s-min=7.2km az=50.0

KLM 14 13:37:53.0.3.6, 3.6S, 100.57E, h58km, mb4.8, ML4.5, MS5.2, ISC 14 13:37:51.7.0.5, 4.01S, 100.47E, 0.05, h27km, n153, e202/10, mb4.7/32, MS3.8/11, 15C, Southwest of Sumatara

Main table of station data for the 2010 AUG period, including stations like PPSI Pulau Pagai, MASI Maura Aman, etc.

ISC 14 13:30:55.0.1.1, 34.19S, 0.03E, 72.43W, 0.06, h10km, 6km, mb3.6/1, Error ellipse: s-maj=9.1km s-min=5.5km az=16.3

GUC 14 13:30:56.0.3.34, 15S, 72.35W, h7km, 1km, ML4.0, NEIC 14 13:30:56.0.34, 14S, 72.34W, h7km, mb3.8/1, ML4.0(GUC), After GUC.

NEIC Felt [I] at Rancagua and Rengo. Also felt at San Francisco de Mostazal.

ISC 14 13:30:53.5.2.1, 34.15S, 0.05E, 72.46W, 0.09, h1km, 12km, n27, r+12/34, 3C-3D, Near coast of central Chile

Main table of station data for the 2010 AUG period, including stations like U73B San Pedro, U65B Hualae, etc.

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Main table of station data for the 2010 AUG period, including stations like CMAI Chiengmai, QIZ Qiongzhou, etc.

ASAR Alice Springs 36.58 192 P P 14 39 00.77 -0.1
MKAR Makanchi Array 60.32 317 P P 14 42 03.6 +0.1
ZALV Zalesovo Beam 60.92 325 P P 14 42 07.1 -0.2
KURBB Kurchatov Arra 63.66 321 P P 14 42 25.9 +0.1
BVAR Borovoye Array 69.05 322 P P 14 43 00.5 +0.1
ILAR Eielson Array 71.00 25 P P 14 43 11.4 -0.8
LPAZ La Paz 150.70 101 PKPbc PKPbc 14 51 49.6 +0.7

IDC 14 14:36:40.9,0.4, 12.228N, 141.56E, h0km, mb4.5/34, mb1.4/38, mb1mx4.6/48, mbtmp4.5/38, ML3.9/5, Error ellipse: s-maj=15.4km s-min=9.2km az=78.0
NEIC 14 14:36:42.3,0.2, 12.272N, 141.52E, h10km, mb4.9/29, Error ellipse: s-maj=6.8km s-min=5.2km az=79.0
ISCJB 14 14:36:44.1,0.3, 12.282N, 0.04, 141.58E, 0.04, h33km, mb4.8/99, Error ellipse: s-maj=6.2km s-min=5.0km

Code Station Name Δ° AZ° Phase ID Time Res
GUMO Guam 3.47 68 Op ISC 14 37 38.5 +1.2
CBJU Chichijima 14.73 2 ePn Pn 14 40 13.9 +2.3
JAY Jayapura 14.74 183 Pn Pn 14 40 12.0 +0.2
SWI Sorong 16.60 219 P P 14 40 38.5 +0.3
LBI Labuha 18.98 228 P P 14 41 18.8 +5.7
JOW Jonjaya 19.10 321 P P 14 41 06.7 0.0
KMSI Cibinong 20.97 238 P Pn 14 41 28.9 +0.1
GTO Gorontalo 21.75 239 P P 14 41 33.6 -0.8
YUL Yu-li 22.19 303 eP P 14 41 38.1 -1.1
PMG Port Moresby 22.27 165 eP P 14 41 39.7 -0.3
PMG Port Moresby 22.27 165 eP P 14 41 41.0 +1.0
PMG Port Moresby 22.27 165 eP P 14 41 38.9 -1.1
SSLB Suanglung 22.65 303 eP P 14 41 43.7 -0.4
TPUB Ta-pu 22.70 302 eP P 14 41 44.1 -0.6
YHNB Yeheng 22.72 306 eP P 14 41 44.2 -0.7
MRSI Marisa 22.73 240 P P 14 41 44.4 -0.6
LUWI Luwuk 22.89 236 P P 14 41 44.5 -2.1
LUWI Luwuk 22.89 236 eP P 14 41 43.8 -2.8
JNU Nakatusu 22.92 336 P P 14 41 46.1 -0.7
JNU Nakatusu 22.92 336 P P 14 41 46.1 -0.7
MJAR Matushiro Arr 24.33 353 P P 14 41 58.6 -1.7
MAJO Matushiro 24.33 353 P P 14 42 01.6 +1.3
MPSI Mapia 24.56 243 P P 14 42 01.6 -1.0
H1S3 WAKE ISLAND Hy 24.99 73 T T 15 08 27.6
H1S1 WAKE ISLAND Hy 24.99 73 T T 15 08 38.4
H1S2 WAKE ISLAND Hy 24.99 73 T T 15 08 36.0
H1N1 WAKE ISLAND Hy 25.42 70 T T 15 09 02.7
H1N2 WAKE ISLAND Hy 25.43 70 T T 15 09 00.6
H1N3 WAKE ISLAND Hy 25.43 70 T T 15 09 03.7
KSRS Korea Array 27.87 336 P P 14 42 34.2 +2.0
KSRS Korea Array 27.87 336 P P 14 42 34.2 +2.0
KSRS Korea Array 27.87 336 P P 14 42 34.2 +2.0
KSAR Wonju Array Be 27.88 336 P P 14 42 34.2 +1.9
KSAR Wonju Array Be 27.88 336 P P 14 42 34.2 +1.9
CTA Charters Tower 32.51 172 eP P 14 43 13.8 +0.3
CTAO Charters Tower 32.51 172 eP P 14 43 13.4 -0.1
CTAO Charters Tower 32.51 172 eP P 14 43 13.4 -0.1
WRAB Tennant Creek 32.81 193 eP P 14 43 16.7 +0.6
WRAB Tennant Creek 32.81 193 eP P 14 43 16.2 +0.1
WRA Warramunga Arr 32.82 193 P P 14 43 16.3 +0.1
USRK Ussuriysk Arr 32.84 347 P P 14 43 16.6 +0.5
ASAR Alice Springs 36.52 192 P P 14 43 48.6 +0.5
ASAR Alice Springs 36.52 192 P P 14 43 48.6 +0.5
SKNT Sakonakorn 36.62 282 P P 14 43 50.7 +1.6
XAN Xi'an 36.74 312 P P 14 43 49.9 -0.2
XAN Xi'an 36.74 312 PMZ PMZ
SLVN Son La 37.07 289 eP P 14 43 52.7 -0.3
NONG Nongkai 37.47 284 P P 14 43 58.0 +1.7
KLR Kul'dur 37.71 349 eP P 14 43 55.7 -2.2
KHON Khomkaen 37.71 281 P P 14 44 00.2 +1.8
CHAI Chaiyaphum 38.51 280 P P 14 44 06.4 +1.2
NAVY Nakonayok 39.18 278 P P 14 44 16.0 +5.2
LOEI Loi 39.23 283 P P 14 44 09.0 -2.2
PBKT Sadao Pong 39.49 281 P P 14 44 15.0 +1.6
UTTA Uttarakhand 39.92 283 P P 14 44 18.6 +1.7
CRAI Chiangrai 40.23 287 P P 14 44 17.8 -1.7
UTHA Uthairat 40.96 280 P P 14 44 27.9 +2.3
CMAR Chiangmai2 41.45 286 P P 14 44 31.4 +1.6
CMAR Chiang Mai Arr 41.47 274 P P 14 44 31.2 +1.4
CMMT Chiang Mai 41.48 284 P P 14 44 31.0 +1.1

CHTO Chiang Mai 41.49 284 P P 14 44 31.0 +1.1
CHTO Chiang Mai 41.49 284 eP P 14 44 30.2 +0.3
CHTO Chiang Mai 41.49 284 eP P 14 44 30.2 +0.3
UMPA Umpang Tak 41.52 281 P P 14 44 33.7 +3.5
DZM Mont Dzumac 41.98 144 P P 14 44 34.6 +0.7
PETK Petropavlovsk- 42.70 14 P P 14 44 40.9 +1.6
PSI Prad 43.25 261 P P 14 44 43.3 -1.1
STKA Stephens Creek 43.92 180 P P 14 44 49.0 -0.3
ULN Ulanbaatar 45.67 328 eP P 14 45 04.4 +1.0
ULN Ulanbaatar 45.67 328 eP P 14 45 04.3 +1.0
ULN Ulanbaatar 45.67 328 eP P 14 45 04.3 +1.0
GTA Gaotai 45.67 314 eP P 14 45 04.4 +0.9
GTA Gaotai 45.67 314 eP P 14 45 04.8 -1.0
GTA Gaotai 45.67 314 eP P 14 51 48.3 +3.8
GTA Gaotai 45.67 314 eP P 14 55 00.5 -4.5
SONM Songino Array 46.00 327 P P 14 45 07.1 +1.2
ZAK Zakamensk 49.17 328 eP P 14 45 31.6 +1.1
AMKA Amchika 49.51 30 eP P 14 45 31.4 -1.5
LSA Lhasa 49.74 299 P P 14 45 35.8 +0.1
LSA Lhasa 49.74 299 P P 14 45 35.7 +0.1
LSA Lhasa 49.74 299 P P 14 45 35.7 +0.1
TLY Talaya 49.78 330 P P 14 45 35.4 +0.4
TLY Talaya 49.78 330 P P 14 45 36.4 +1.4
BOD Bodaibo 50.02 341 eP P 14 45 36.9 +0.2
YAK Yakutsk 50.39 353 P P 14 45 39.6 +0.2
YAK Yakutsk 50.39 353 eP P 14 45 39.1 -0.3
YAK Yakutsk 50.39 353 eP P 14 45 49.7 +0.4
YAK Yakutsk 50.39 353 eP P 14 47 40.1
YAK Yakutsk 50.39 353 eP P 14 52 50.2 0.0
YAK Yakutsk 50.39 353 eP P 14 56 22.0 -2.2
YAK Yakutsk 50.39 353 eP P 14 57 51.8
YAK Yakutsk 50.39 353 eP P 14 45 39.6 +0.2
YAK Yakutsk 50.39 353 eP P 14 45 39.1 -0.3
YAK Yakutsk 50.39 353 eP P 14 45 49.7 +0.4
YAK Yakutsk 50.39 353 eP P 14 47 40.1
YAK Yakutsk 50.39 353 eP P 14 52 50.2 0.0
YAK Yakutsk 50.39 353 eP P 14 56 22.0 -2.2
YAK Yakutsk 50.39 353 eP P 14 57 51.8
MOY Mondy 51.10 329 eP P 14 45 46.6 +1.5
SEY Seymchan 51.14 6 P P 14 45 46.6 +1.6
TAPN Taplejung 52.45 295 eP P 14 45 56.2 +0.4
ODAN Odara 52.69 294 eP P 14 45 57.7 +0.2
RAMN Ramite 53.40 294 eP P 14 46 03.0 +0.3
GUN Gumba 54.11 296 eP P 14 46 08.6 +0.5
PKI Pulchoki 54.51 295 eP P 14 46 10.7 -0.2
PKIN Pulchoki 54.51 295 eP P 14 46 10.6 -0.3
KKN Kakani 54.63 295 eP P 14 46 11.7 0.0
HVS Khovu-Aksy 54.73 325 eP P 14 46 11.8 0.0
DMN Daman 54.77 295 eP P 14 46 12.9 +0.1
GKN Gorkha 55.22 296 eP P 14 46 15.8 -0.1
DANN Dangsing 56.01 296 eP P 14 46 21.8 0.0
KOLN Koldanda 56.12 295 eP P 14 46 22.6 +0.2
BILL Bilibino 57.99 11 deP P 14 46 35.2 +0.5
BILL Bilibino 57.99 11 deP P 14 46 43.6
BILL Bilibino 57.99 11 deP P 14 47 24.9
BILL Bilibino 57.99 11 deP P 14 48 46.4
MK31 Makanchi Array 60.20 317 P P 14 46 51.4 +0.9
MKAR Makanchi Array 60.20 317 P P 14 46 51.5 +1.0
ZALV Zalesovo Beam 60.82 326 P P 14 46 54.8 +0.3
RPZ Rata Peaks 61.90 156 P P 14 47 01.7 -0.1
NVS Novosibirsk 62.00 326 P P 14 47 02.8 +0.4
NVS Novosibirsk 62.00 326 P P 14 47 02.8 +0.4
NVS Novosibirsk 62.00 326 P P 14 47 02.8 +0.4
KSH Kashi 63.48 308 P P 14 47 15.3 +2.6
KURK Kurchatov 63.51 321 P P 14 47 13.5 +0.9
KURK Kurchatov 63.51 321 P P 14 47 13.5 +0.9
KURBB Kurchatov Arra 63.55 321 P P 14 47 13.5 +0.7
ULHL Ulahol 63.59 311 P P 14 47 14.1 +0.5
TKM2 Tokmak 2 64.15 312 P P 14 47 17.9 +0.7
TKM2 Tokmak 2 64.15 312 P P 14 47 17.5 +0.2
TKM2 Tokmak 2 64.15 312 eP P 14 47 17.4 +0.2
KZA Kyzart 64.30 311 P P 14 47 19.3 +0.8
KBK Karagaybulak 64.59 311 P P 14 47 21.2 +1.2
CHMS Chumysh 64.78 312 P P 14 47 21.5 +0.4
AAK Ala-Archa 64.92 311 eP P 14 47 22.2 0.0
AAK Ala-Archa 64.92 311 eP P 14 47 22.2 0.0
USP Oshpovka 64.99 312 P P 14 47 23.0 +0.5
SFK Sufi-Kurgan 65.42 308 P P 14 47 26.6 +1.0

EKS2 Erkin-Say 65.45 311 P P 14 47 26.3 +0.7
EKS2 Erkin-Say 65.45 311 eP P 14 47 25.0 -0.6
EKS2 Erkin-Say 65.45 311 eP P 14 47 25.0 -0.6
ERK2 Erkin-Say 65.45 311 eP P 14 47 25.0 -0.6
AML Almayashu 65.46 311 P P 14 47 27.5 +1.5
KK31 Karatay Array 67.88 312 P P 14 47 41.3 +0.4
KKAR Karatay Array 67.88 312 eP P 14 47 40.4 -0.5
KKAR Karatay Array 67.88 312 eP P 14 47 40.4 -0.5
BVAO Borovoye Array 68.95 322 P P 14 47 47.8 +0.4
BVAO Borovoye Array 68.95 322 P P 14 47 47.8 +0.4
BVAR Borovoye Array 68.95 322 P P 14 47 48.1 +0.6
BRVK Borovoye 69.02 322 P P 14 47 48.4 +0.6
BRVK Borovoye 69.02 322 P P 14 47 48.4 +0.6
BRVK Borovoye 69.02 322 P P 14 47 46.7 -1.1
BPAW Bear Paw Mtn 69.22 26 eP P 14 47 49.6 +0.7
SML Sawmill 69.87 28 eP P 14 47 52.4 -0.6
SML Sawmill 69.87 28 eP P 14 47 52.4 -0.6
SML Sawmill 69.87 28 eP P 14 47 52.4 -0.6
COLD Coldfoot 70.36 23 eP P 14 47 57.2 +1.4
COLA College 70.73 25 eP P 14 47 57.6 -0.5
COLA College 70.73 25 eP P 14 47 57.5 -0.5
ILAR Eielson Array 71.11 25 P P 14 48 00.3 -0.1
BMRM Bremner River 71.49 30 P P 14 48 02.4 -0.5
EGAK Eagle 73.53 26 eP P 14 48 15.2 +0.4
DAWY Dawson 74.23 27 eP P 14 48 18.9 -0.1
SVE Sverdlouk 74.84 326 eP P 14 48 23.0 +0.3
HYT Haines Junction 74.93 30 eP P 14 48 24.3 +1.0
AB31 Akbulak array 75.33 318 P P 14 48 25.7 +0.1
AB31 Akbulak array 75.33 318 P P 14 48 25.7 +0.1
ABKAR Akbulak array 75.33 318 eP P 14 48 26.0 +0.4
ARU Arti 75.99 325 d P S 14 48 29.1 -0.1
ARU Arti 75.99 325 d P S 14 58 10.4 +0.4
ARU Arti 75.99 325 eP P 14 48 28.9 -0.4
AKTO Aktyubinsk 76.53 319 P P 14 48 30.9 -1.6
INK Inuvik 76.78 22 P P 14 48 33.8 +0.3
SOKR Solikamsk 76.85 329 P P 14 48 35.2 +1.2
SOKR Solikamsk 76.85 329 P P 14 48 35.2 +1.2
GEYT Alibeck 77.42 306 P P 14 48 38.2 +0.4
PRGR Permogore 82.08 331 eP P 14 49 02.3 -0.2
PRGR Permogore 82.08 331 eP P 14 49 12.3 -0.7
LVZ Lovozero 84.93 339 eP P 14 49 17.3 +0.2
LVZ Lovozero 84.93 339 eP P 14 49 16.4 -0.7
LVZ Lovozero 84.93 339 eP P 14 49 16.4 -0.7
VYR Novokhopersk 86.68 322 eP P 14 49 33.7 +7.7
VRHR Novokhopersk 86.68 322 eP P 14 49 33.7 +7.7
VRHR Novokhopersk 86.68 322 eP P 14 49 33.7 +7.7
VRHR Novokhopersk 86.68 322 eP P 14 49 33.7 +7.7
ARCES ARCES Array B 87.30 342 P P 14 49 28.8 0.0
KBZ Khabaz 87.76 314 P P 14 49 31.9 +0.5
KIV Kislovodsk 87.85 314 eP P 14 49 33.7 +1.7
LPSR Galich'ya Gora 87.86 323 eP P 14 49 31.3 -0.4
LPSR Galich'ya Gora 87.86 323 eP P 14 49 31.3 -0.4
LPSR Galich'ya Gora 87.86 323 eP P 14 49 31.3 -0.4
LPSR Galich'ya Gora 87.86 323 eP P 14 49 31.3 -0.4
VSR Storozhevoye 88.13 322 eP P 14 49 31.9 -1.1
VSR Storozhevoye 88.13 322 eP P 14 49 31.9 -1.1
VSR Storozhevoye 88.13 322 eP P 14 49 31.9 -1.1
VSR Storozhevoye 88.13 322 eP P 14 49 31.9 -1.1
OBN Obninsk 88.40 326 eP P 14 49 34.0 -0.2
OBN Obninsk 88.40 326 eP P 14 49 34.0 -0.2
NVAR Mina Array Bea 90.23 51 P P 14 49 44.1 +0.6
VNDV Vanda 90.41 176 P P 14 49 42.6 -0.4
FINES FINESS Array B 90.94 334 P P 14 49 45.1 -0.8
ANN Anapa 91.72 316 eP P 14 49 43.0 -4.6
ANN Anapa 91.72 316 eP P 15 00 11.9 -5.7
AKAG Malin Array Be 94.18 324 P P 14 50 00.4 -0.7
KIEV Kiev 94.19 324 eP P 14 49 59.9 -1.3
BRTR Keskin Array B 95.58 312 P P 14 50 07.0 -1.0
NB2 NORARS Subarra 97.07 338 P P 14 50 12.1 -2.1
NOA NORARS Array B 97.07 338 P P 14 50 13.0 -1.2
LPAZ La Paz 150.97 101 PKPbc PKPbc 14 56 37.4 +0.6
ISCJB 14 14:40:21.5,0.5, 34.81S, 0.04, 71.75W, 0.08, h59km, 5km, mb4.2/11, MS4.2/2, Error ellipse: s-maj=11.8km
GUC 14 14:40:21.6,0.3, 34.74S, 71.81W, h42km, 1km, ML4.6
NEIC 14 14:40:21.0, 34.74S, 71.80W, h42km, mb4.7/2, After GUC.
NEIC [IV] at Curico and Hualpala; [III] at Rancagua, Rengo, Romeral and San Francisco de Mostaza; [II] at El Quisco, Linarosa, Santa Cruz, Santiago, Talca and Valparaiso.
IDC 14 14:40:26.4, 3.0, 34.66S, 71.47W, h81km, 27km, mb3.9/11, mb1.4/0/14, mb1mx3.9/20, mbtmp4.2/14, MS3.3/3, Ms1.3/3/3, ms1mx3.1/27, Error ellipse: s-maj=27.4km s-min=15.3km az=90.0
ISC 14 14:40:22.3, 1.0, 34.79S, 0.04, 71.79W, 0.07, h52km, 9km, n32, s104/35, mb4.3/11, 2C-1D, Near coast of central Chile
Code Station Name Δ° AZ° Phase ID Time Res
NICH Los Niches 0.51 115 P P 14 40 33.2 -0.5
NICH Los Niches 0.51 115 P P 14 40 31.7 -0.2
TALC Talca 0.62 169 eP P 14 40 35.0 -0.2
TALC Talca 0.62 169 eP P 14 40 44.8 +0.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include CHCH, TACH, RCDM, etc.

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC

JAY Jayapura 14.71 18.1 Pn P 14 43 56.2 +0.3
SIJI Sorong 16.58 21.9 Pn P 14 44 22.8 +0.3
TG Y Tagaytay City 20.18 30.7 Pn P 14 45 03.1 -1.1

MJAR Matsushiro Arr 24.36 35.3 P 14 45 44.8 -0.4
H11N1 WAKE ISLAND HY 25.41 70 T 15 13 31.1
H11N2 WAKE ISLAND HY 25.42 70 T 15 13 14.4

CTA Charters Tower 32.77 19.3 P 14 46 58.1 +0.5
WRAB Tennant Creek 32.77 19.3 P 14 47 00.7 +0.4
WRAB Tennant Creek 32.77 19.3 P 14 47 00.3 0.0

WRA Warramunga Arr 32.79 19.3 P 14 47 00.2 -0.2
ASAR Alice Springs 36.49 19.2 P 14 47 32.7 +0.3
ASAR Comp-Z, 0.5nm, 0.8s, baz=12, slow=2, SNR=4.4

CMAR Chiang Mai Arr 41.50 28.4 P 14 48 15.2 +0.7
STKA Stephens Creek 43.89 18.0 P 14 48 31.9 -1.6
ULN Ulaanbaatar 45.71 32.8 P 14 48 47.6 -0.6

ULN Ulaanbaatar 45.71 32.8 P 14 48 47.5 -0.6
SONM Songino Array 46.04 32.7 P 14 48 50.8 +0.1
MA2 Magadan 47.72 6 P 14 49 05.2 +1.7

LSA Lhasa 49.77 29.9 P 14 49 20.1 -0.2
LSA Lhasa 49.77 29.9 P 14 49 20.1 -0.2
BOD Bodaibo 50.06 34.1 P 14 49 19.7 -1.8

YAK Yakutsk 50.43 35.3 P 14 49 23.2 -0.9
YAK Yakutsk 50.43 35.3 P 14 49 22.4 -1.8
SEY Seymchan 51.18 6 P 14 49 29.7 -0.1

SEY Seymchan 51.18 6 P 14 49 31.9 +2.1
BILL Bilbilino 58.02 11 P 14 50 19.4 0.0
MKAR Makancni Array 60.24 31.7 P 14 50 35.4 +0.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include KKAR, KKAR, BVAR, etc.

IDC 14 14:43:20.9-0.8, 12:22N:141:77E, h0km, mb4.2/13, mb1.4, 3/14, mb1mx4.1/29, mbtmp4.2/14, ML3.4/1, Error ellipse: s-maj=21.6km s-min=18.8km az=84.0

NEIC 14 14:43:22.0-0.7, 12:32N:141:81E, h10km, mb4.5/2, Error ellipse: s-maj=15.8km s-min=13.8km az=122.0

ISC 14 14:43:25.0-0.7, 12:41N:141:98E, 0.09, h33km, m19, s155/20, mb4.4/15, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include GUMO, WRA, ASAR, etc.

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC
GUMO Guam 3.07 6 Pn P 14 44 11.3 0.0
WRA Warramunga Arr 32.79 19.3 P 14 49 00.2 -0.2

YAK Yakutsk 50.43 35.3 P 14 49 23.2 -0.9
YAK Yakutsk 50.43 35.3 P 14 49 22.4 -1.8
ZALV Zalesovo Beam 61.02 32.5 P 14 53 34.7 -0.6

KURB Kurchatov Arr 63.77 32.1 P 14 53 51.6 -2.0
BVAR Borovoye Array 69.16 32.2 P 14 54 28.8 +0.6
BRVK Borovoye 69.23 32.2 P 14 54 26.6 -2.0

ILAR Eielson Array 70.89 25 P 14 54 40.6 +2.0
ARU Arti 76.18 32.5 P 14 55 08.8 -1.0
GEYT Alibek 77.72 30.6 P 14 55 18.6 -0.4

ARCES ARCES Array B 87.34 34.2 P 14 56 09.1 +0.5
FINES FINES Array B 91.08 33.4 P 14 56 25.5 -0.6
LPZA La Paz 150.95 10.1 PKPbc PKPbc 15 03 18.2 +2.9

IDC 14 14:44:31.0-0.3, 12:32N:141:43E, h0km, mb5.1/39, mb1.5/43, mb1mx5.0/50, mbtmp5.1/43, ML3.8/3, MS5.0/8, Ms1.5/0.8, ms1mx4.4/18, Error ellipse: s-maj=12.9km s-min=8.5km az=76.0

ISCJB 14 14:44:32.5-0.7, 12:33N:141:50E, 0.02, h21km, 5km, mb5.4/164, MS5.2/33, Error ellipse: s-maj=3.9km s-min=3.2km az=154.5
GCMT 14 14:44:32.5-0.1, 12:25N:141:31E, h12km, MW5.6/119, Moment Tensor Solution, s100, c178, s119, c303; Duration: 165 Moment tensor: Scale 10^17Nm; M1: -2.81e+03; M2: 0.09e+03; M3: 0.71e+03; M4: 0.58e+09; M5: 1.57e+02; M6: 0.04e+09; Best double couple; M3: 0.020000 x 10^17 Np1: 243.000000; 850.000000; -82.000000; NP2: 50.000000; 840.000000; -100.000000; Principal axes: T 3.1590, Plg5.0000; Azm327.0000; N -0.2820, Plg6.0000; Azm58.0000; P -2.8850, Plg82.0000; Azm200.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

NEIC 14 14:44:32.5-0.1, 12:31N:141:46E, h10km, mb5.6/64, MS5.6 Error ellipse: s-maj=4.0km s-min=3.4km az=116.0; Depth from synthetics of broadband displacement seismograms. Energy computed from CMT mechanism.
MOS 14 14:44:34.4-1.0, 12:33N:141:43E, h35km, mb5.8/44, MS5.2/22, Error ellipse: s-maj=7.8km s-min=4.5km, az=104.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include GUMO, BAKI, SMPI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include MSLP, DAV, DAV, etc.

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC
MSLP Maasin 16.43 26.4 eP 14 48 28.3 +1.4
DAV Davao City (W) 16.49 25.3 Pn P 14 48 26.9 -0.8

DAV Davao City (E) 16.49 25.3 ePn Pn 14 48 22.1 -3.4
OCLP Ormoc 16.55 26.7 eP 14 48 30.0 +1.7
SWI Sorong 16.55 21.8 Pn P 14 48 25.6 -0.6

SIJI Sorong 16.55 21.8 Pn P 14 48 25.9 -0.3
SIJI Sorong 16.55 21.8 Pn P 14 48 25.9 -0.3
BUKP Musuan 16.73 25.6 eP 14 48 28.2 -0.3

FAKI Fak Fak 17.69 21.2 ePn Pn 14 48 40.5 +0.1
SGSI Sangihe 17.94 24.3 P 14 48 44.2 +0.5
TNTI Ternate 18.08 23.2 P 14 48 44.9 -0.2

TNTI Ternate 18.08 23.2 ePn Pn 14 48 45.0 -0.1
PAGZ Pagadian 18.34 25.8 eP 14 48 48.7 +0.4
PAQF San Andres 18.34 27.5 eP 14 48 49.6 +1.3

LBMI Labuha 18.91 22.8 eP 14 48 54.1 -0.2
PALP Palanan 19.00 28.7 eP 14 48 56.5 +0.2
JOW Kunigami 19.02 32.1 P 14 48 56.0 +0.5

JOW Kunigami 19.02 32.1 eP 14 48 56.4 -0.1
CAUP Cawayan 19.54 28.6 eP 14 49 03.4 +0.6
BALB Baler 19.59 28.2 eP 14 49 02.3 +0.6

MSAI Masohi 19.93 21.9 P 14 49 06.6 -0.8
TG Y Tagaytay City 20.06 27.7 P 14 49 07.7 +0.7
Ninganchiao 20.22 29.2 SNR=6.2

APYF Conner 20.27 28.8 eP 14 49 10.3 +1.1
BNDI Bandanaira 20.29 21.5 P 14 49 08.6 -0.8
BCPH Binangonan 20.62 28.4 P 14 49 14.1 +0.9

ABRA Abra 20.72 28.7 eP 14 49 14.6 +0.5
KMSI Cibinong 20.89 32.7 P 14 49 15.6 -0.4
SZP Santa 20.94 28.7 eP 14 49 18.1 -1.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include SANI, NLAI, YOJ, etc.

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC
SANI Sanana 20.97 22.8 P 14 49 14.8 -2.0
NLAI Namlea 21.03 22.4 P 14 49 19.4 +2.0

Table with columns for station name, frequency, power, and other technical details. Includes stations like APA, YKA, KMRM, HUMO, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MPMC, LRMC, HLID, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KHC, GERES, GRF, etc.

SJA 14 14:46:18.4:0.4, 33:81S; 73:51W, h33km, ML3.9, MW3.8
GUC 14 14:46:25.6:0.5, 34:20S; 72:33W, h31km, 3km, ML3.9
ISC 14 14:46:23.9:2.4, 34:29S; 0:05, 72:5W:0.1, h8km, 12km, n17,

Table with columns for Code, Station Name, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like U65B, U65B, U65B, etc.

IDC 14 14:48:39.0:1.2, 12:31N; 141:85E, h0km, mb4.2/9,
mb1 4.4/9, mb1mx4.0/55, mbtmpr4.0/9, Error ellipse:
s-maj=1.8km s-min=20.5km az=8.0
NEIC 14 14:48:40.4:0.6, 12:29N; 141:85E, h10km, mb4.5/2, Error
ellipse: s-maj=25.6km s-min=9.8km az=84.0
ISCJB 14 14:48:41.8:0.8, 12:27N; 141:85E, h0km, mb4.5/2, h33km,
mb4.3/11, Error ellipse: s-maj=32.9km s-min=12.4km
az=173.5
ISC 14 14:48:43.1:0.0, 12:3N; 0:14, 141:8E:0.3, h33km, n14,
o0711/13, mb4.3/11, South of Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Alice Springs, Chiang Mai Arr, Yakutsk, Makanchi Array, Zalesovo Beam, Kurchatov, Kurchatov Arr, Borovoye Array, Eielson Array, FINESS Array B.

IDC 14 14:49:04.2, 2.7, 12.21N, 141.66E, h0km, mb4.3/5, mb1 4.5/5, mb1mx3.8/55, mbtmp4.3/5, Error ellipse: s-maj=86.1km s-min=29.3km az=79.0, South of Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Warramunga Arr, Chiang Mai Arr, Makanchi Array, Kurchatov Arr, Borovoye Array.

IDC 14 14:49:53.0, 2.4, 12.19N, 140.99E, h0km, mb4.3/6, mb1 4.4/6, mb1mx3.8/53, mbtmp4.3/6, Error ellipse: s-maj=83.1km s-min=22.4km az=76.0

ISCJB 14 14:49:55.6, 2.3, 12.2N, 0.2, 141.1E, 0.6, h34km, mb4.3/6, Error ellipse: s-maj=80.3km s-min=20.4km az=166.5

ISC 14 14:59:58.1, 2.6, 12.22N, 0.2, 141.0E, 0.6, h34km, n6, +830/6, mb4.4/6, Western Caroline Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Warramunga Arr, Alice Springs, Chiang Mai Arr, Makanchi Array, Kurchatov Arr, Borovoye Array.

DJA 14 14:51:20.9, 1.6, 3.5S, 111.41E, h0km, mb4.2/2, MLv4.2/2, Irian Jaya

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Geni, Jay, Sarmi, SMPI.

IDC 14 14:51:25.0, 0.7, 12.34N, 141.67E, h0km, mb4.4/18, mb1 4.5/18, mb1mx4.0/53, mbtmp4.4/18, Error ellipse: s-maj=28.3km s-min=15.8km az=81.0

NEIC 14 14:51:26.0, 0.4, 12.31N, 141.60E, h10km, mb4.9/3, Error ellipse: s-maj=14.3km s-min=8.6km az=86.0

ISCJB 14 14:51:28.1, 0.6, 12.30N, 0.08, 141.6E, 0.1, h33km, mb4.4/21, Error ellipse: s-maj=20.2km s-min=11.0km az=178.2

ISC 14 14:51:30.1, 0.8, 12.33N, 0.1, 141.6E, 0.2, h33km, n26, +081/26, mb4.5/21, South of Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Suanglung, Luwuk, Matushiro Arr, Korea Array, Wonju Array, Charters Tower, Warramunga Arr, Alice Springs, Chiang Mai Arr, Songoing Array, LSA, Lhasa, Yakutsk, Makanchi Array, Zalesovo Beam, Kurchatov, Kurchatov Arr, Borovoye Array, Eielson Array, ARU, AKTO, INK, ARCES, OBNS, FINESS, LPAZ.

IDC 14 14:53:35.2, 0.7, 12.28N, 141.62E, h0km, mb4.2/13, mb1 4.3/14, mb1mx4.0/53, mbtmp4.2/14, ML3.8/1, Error ellipse: s-maj=25.6km s-min=14.2km az=76.0

NEIC 14 14:53:36.8, 0.4, 12.25N, 141.57E, h10km, mb4.8/2, Error ellipse: s-maj=10.9km s-min=7.3km az=78.0

ISC 14 14:53:39.4, 0.6, 12.33N, 0.09, 142.0E, 0.1, h33km, n18, +094/18, mb4.3/15, South of Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Guam, Port Moresby, Charters Tower, Warramunga Arr, Alice Springs, Chiang Mai Arr, Stephens Creek, Songoing Array.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Yakutsk, Makanchi Array, Zalesovo Beam, Kurchatov, Kurchatov Arr, Borovoye Array, Eielson Array, ARCES, LPAZ.

IGIL 14 14:57:15.0, 36.32N, 15:51W, h10km, ML2.6, MDD 14 14:57:17.0, 2.1, 36.71N, 15:28W, h0km, mb4.2/6, Error ellipse: s-maj=19.3km s-min=17.7km az=1.0, PRXIMO

INMG 14 14:57:19.0, 1.1, 36.35N, 15:54W, h10km, ML2.8, Error ellipse: s-maj=7.8km s-min=2.3km az=124.0

CSEM 14 14:57:21.7, 0.5, 36.80N, 14:86W, h10km, ML3.3/9, Error ellipse: s-maj=9.5km s-min=8.0km az=162.0

ISC 14 14:57:19.8, 3.8, 36.38N, 15:00W, 0.2, h10km, n96, +1523/167, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Porto Santo, Vila Bisbo, Lisbon-Monsan, Mafral, Sao Teotónio, Marletele, MORF, PACT, PNCN, MESJ, PCVE, PBDV, EVO, PVAQ, PTOM.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PTOM, EGRO, PCAS, PESTR, PBAR, PMRV, EMIN, PVIS, PVRL, POLO, POLO, PGAV, ELOB, ELOB, MVO, MVO, ECAB, ECAB, EPLA, EPLA, EAGO, PBRG, PBRG, PBRG, ECAL, ECAL, EADA, EADA, PAB, PAB, PAB, PAB, EPON, EPON, ESDC, ESDC, ESDC, ESDC, GUD, GUD, EQES.

comp=N, 6.7m, 0.3s

comp=N, 3.3m, 0.3s

comp=N, 3.3m, 0.3s

comp=N, 4.2m, 0.4s

comp=N, 3.9m, 0.3s

comp=N, 3.9m, 0.3s

comp=N, 2.1m, 0.6s

comp=N, 2.3m, 0.3s

comp=N, 2.3m, 0.3s

comp=N, 2.3m, 0.3s

comp=N, 1.2m, 0.9s

comp=N, 1.2m, 0.9s

comp=N, 4.2m, 0.8s

comp=N, 4.2m, 0.8s

comp=N, 1.4m, 0.1s

comp=N, 0.8m, 0.2s

comp=N, 1.1m, 0.2s

comp=N, 4.7m, 0.3s

comp=N, 0.9m, 0.3s

comp=N, 1.8m, 0.3s

comp=N, 0.9m, 0.3s

comp=N, 1.8m, 0.3s

comp=N, 2.3m, 0.3s

comp=N, 2.3m, 0.3s

comp=N, 4.9m, 0.4s

comp=N, 3.6m, 0.4s

comp=N, 4.9m, 0.4s

comp=N, 3.6m, 0.4s

EQES Quesada 9.53 80 S Sn 15 01 21.0 -3.3

IDC 14 15:08:06.0 1.0, 12.234N:141:58E, h0km, mb3.8/8, mb1 4.0/9, mb1mx3.7/4.5, mbtm3.9/3.9, ML3.1/1, Error ellipse: s-maj=28.6km s-min=20.7km az=89.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like GUMU Guam, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 14 15:09:30.5 2.3, 12.232N:141:166E, h0km, mb3.7/6, mb1 3.9/6, mb1mx3.6/4.4, mbtm3.7/6, Error ellipse: s-maj=79.2km s-min=22.2km az=78.0

ISCJJB 14 15:09:32.6 2.3, 12.23N:0.2:141:9E:0.5, h33km, mb3.7/6, Error ellipse: s-maj=78.0km s-min=20.4km az=167.9

ISC 14 15:09:35.1 2.7, 12.23N:0.2:141:8E:0.6, h33km, n6, o548/6, mb3.8/6, South of Mariana Islands

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

IDC 14 15:20:20.0 1.0, 12.27N:141:38E, h0km, mb4.0/8, mb1 4.2/10, mb1mx3.9/2.7, mbtm4.1/1.0, ML4.1/2, Error ellipse: s-maj=37.1km s-min=18.1km az=83.0

ISCJJB 14 15:20:22.9 0.6, 12.28N:0.09:141:44E:0.0, h33km, mb4.0/9, Error ellipse: s-maj=13.8km s-min=9.6km az=149

ISC 14 15:20:24.9 0.8, 12.33N:0.1:141:5E:0.1, h33km, n11, o587/11, mb4.2/9, South of Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like GUMU Guam, JAY Jayapura, WRA Warramunga Arr, etc.

ISCJJB 14 15:23:32.6 0.8, 33.93S:0.04:71:52W:0.06, h24km, 6km, Error ellipse: s-maj=8.1km s-min=5.8km az=13.9

GUC 14 15:23:32.7 0.3, 33.93S:71:51W, h28km, 3km, ML3.0, SJA 14 15:23:52.4 0.7, 33.03S:70:50W, h98km, 8km, ML3.8, MW3.3

ISC 14 15:23:33.2 1.5, 33.92S:0.04:71:47W:0.06, h29km, 13km, n22, o1910/31, 4C, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like TACH Talagante, CHCH Chadas Angostu, RCDM Rincondel Maip, etc.

BJI 14 15:24:02.4, 12.27N:141:55E, h9km, mb4.8/48, mb5.2/27, M4.7/23, M5.7/32

IDC 14 15:24:02.6 0.5, 12.34N:141:58E, h0km, mb4.5/23, mb1 4.6/26, mb1mx4.5/3.4, mbtm4.5/2.6, ML4.4/3, MS3.8/11, Ms1 3.8/11, ms1mx3.5/3.6, Error ellipse: s-maj=17.8km s-min=11.9km az=86.0

NEIC 14 15:24:04.1 0.3, 12.29N:141:50E, h10km, mb4.8/25, Error ellipse: s-maj=7.3km s-min=5.8km az=96.0

MOS 14 15:24:05.2 0.9, 12.31N:141:52E, h29km, mb5.8/16, Error ellipse: s-maj=11.9km s-min=6.9km az=107.2

DJA 14 15:24:06.7 0.5, 12.2N:7:14:1E:1, h10km, M4.9/15,

mb4.8/15, mb5.2/3, MLV4.9/1, Mv(mB)4.6/3, ISCJJB 14 15:24:06.2 0.3, 12.34N:0.04:141:59E:0.04, h33km, mb4.7/68, MS3.8/10, Error ellipse: s-maj=5.9km s-min=4.8km az=30.3

ISC 14 15:24:07.5 0.3, 12.27N:0.05:141:58E:0.05, h33km, n134, o1546/146, mb4.8/67, MS3.8/10, 1C-3D, South of Mariana Islands

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

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

14d 15h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TKMK Tokmak 2, KZA Kyzart, CHMS Chumysh, etc.

ISCJB 14 15:25:18.6,0.6,25.43N,0.08,94.30E,0.05,h10km, mb3.9/16,MS2.7/1, Error ellipse: s-maj=12.4km, s-min=5.6km az=15.4

IDC 14 15:25:26.8,3.6,25.27N,94.94E,h81km,35km,mb3.6/16, mb1.3/7.17,mb1mx3.5/4,mbtm3.9/17,MS2.8/1, Ms2.8/1,ms1mx3.5/4.5, Error ellipse: s-maj=30.3km, s-min=12.7km az=60.0

ISC 14 15:25:20.1,0.8,25.45N,0.1,94.33E,0.07,h10km,n31, o158/31,mb3.9/16, Myanmar-India border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SHL Shillong, TAPN Tapejlung, ODAN Odare, etc.

IDC 14 15:25:21.2,1.5,16.31N,59.58E,h0km,mb3.6/7, mb1.3/7.17,mb1mx3.5/27,mbtm3.6/7, Error ellipse: s-maj=37.1km s-min=31.6km az=29.0

OMAN 14 15:25:29.0,0.2,16.99N,59.20E,h71km,41km, Error ellipse: s-maj=16.0km s-min=4.4km az=308.0

ISC 14 15:25:27.1,1.6,16.9N,0.1,59.2E,0.1,h10km,n20, o069/16,mb3.7/7,9C, Owen Fracture Zone region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SHAO Shalim, RBK Rabkut, JMDO Jabal Madar, etc.

2010 AUG

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JMDO Aybut, WBK Wani Khal, SMDO Samad, etc.

ISCJB 14 15:27:20.8,0.6,51.51N,0.03,16.20E,0.05,h0km, Error ellipse: s-maj=5.2km s-min=4.1km az=135.0

IPEC 14 15:27:22.3,0.3,51.55N,16.28E,h0km,ML2.2/3, Error ellipse: s-maj=3.2km s-min=1.7km az=67.0

CSEM 14 15:27:23.0,0.3,51.49N,16.15E,h2km,ML3.2/5, Error ellipse: s-maj=7.2km s-min=4.9km az=80.0

IDC 14 15:27:24.0,0.8,51.49N,16.90E,h0km,mb1.3/4.5, mb1mx3.2/2.7,mbmx3.3/5,ML2.8/5, Error ellipse: s-maj=18.7km s-min=8.5km az=115.0

VIE 14 15:27:25.9,0.5,51.27N,16.13E,h0km,mb2.2/4,ml2.8/4, Error ellipse: s-maj=3.8km s-min=3.1km az=68.0

ISC 14 15:27:22.7,0.8,51.53N,0.04,16.14E,0.03,h0km,n24, o1523/42,2C,30, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSP Ksiaz, MORC Moravsky Berou, CLL Collm, etc.

ISCJB 14 15:28:33.8,0.5,40.36N,0.03,27.85E,0.04,h8km,4km, Error ellipse: s-maj=6.0km s-min=6.1km az=139.2

ISK 14 15:28:33.6,0.4,39N,27.85E,h3km,MD2.5, Error ellipse: s-maj=7.7km s-min=4.4km az=26.0

DDA 14 15:28:33.0,0.4,32N,27.74E,h3km,MD2.6

ISC 14 15:28:34.0,0.8,40.34N,0.02,27.88E,0.03,h5km,5km, n28,o061/40, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EDC Edincik, MRMT Marmara Adasi, BALY Balya, etc.

Table with columns: DEMI Demirci, DEMI Demirci, TVSB Tavsanlı, TVSB Tavsanlı. Includes values like 1.44 153, 1.50 126, etc.

KMA 14 15:30:14.5,0.9,38.06N,128.86E,h0km,7C, Error ellipse: s-maj=8.7km s-min=2.6km az=77.0, North Korea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSJMJ Jumunjin, KSJMJ Junju, KSSKC Sokcho, etc.

ATH 14 15:30:23.1,37.66N,19.90E,h15km,1km,MD3.4/31

CSEM 14 15:30:25.0,0.4,37.69N,20.06E,h2km,ML3.0, Error ellipse: s-maj=7.5km s-min=4.9km az=53.0

THE 14 15:30:26.3,37.74N,20.11E,h1km,2km,ML3.0/5, Error ellipse: s-maj=2.5km s-min=1.2km az=247.0

ISC 14 15:30:25.2,1.5,37.71N,0.03,20.06E,0.04,h0km,10km, n109,o087/161, Ionian Sea

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DSF Desfina, THAL Thaler, MAKRA Makrakomi, etc.

IDC 14 15:32:23.1-1.5, 2.94N, 125.98E, h0km, mb3.3/3, mb1 3.6/4, mb1mx3.4/24, mbtmp3.5/4, ML3.7/1, Error ellipse: s-maj=82.9km s-min=24.5km az=59.0, Talaud Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SJI Sorong, WRA Warrungarra Arr, ASAR Alice Springs, etc.

DJA 14 15:37:37.1-0.6, 9'S, 5'11'9"E, h202km, 7km, M3.8/16, mb3.8/2, MLV3.8/16, Sumba region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WSI Waingapu, BASI Baing, Sumba, EDPI Ende, etc.

IDC 14 15:44:25.5-0.9, 12'38"N, 141.98E, h0km, mb3.8/10, mb1 4.0/10, mb1mx3.7/7, mbtmp3.8/10, Error ellipse: s-maj=35.6km s-min=19.2km az=79.0

ISCJB 14 15:44:28.3-1.0, 12'4N, 0.1'142.0E, 0.3, h33km, mb3.9/11, Error ellipse: s-maj=35.6km s-min=16.8km az=174.4

ISC 14 15:44:30.4-1.1, 12'4N, 0.2'142.0E, 0.2, h33km, n12, o564/12, mb4.0/11, South of Mariana Islands

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

IDC 14 15:52:47.1-6.5, 12'10"N, 140.69E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.3/24, mbtmp3.4/3, Error ellipse: s-maj=263.9km s-min=30.6km az=77.0, Western Caroline Islands

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

BUI 14 16:12:36.2, 12'08"N, 141.78E, h10km, mb4.8/55, mb5.2/47, Ms4.6/43, Ms7.4/37

ISCJB 14 16:12:37.7-1.0, 12'31"N, 0.04, 141.62E, 0.04, h5km, 6km, mb4.7/78, MS3.9/10, Error ellipse: s-maj=7.2km s-min=5.7km az=143.7

NEIC 14 16:12:40.0-0.3, 12'33"N, 141.53E, h10km, mb5.0/30, Error ellipse: s-maj=8.2km s-min=6.7km az=94.0

GCMT 14 16:12:40.0-0.3, 12'18"N, 141.15E, h14km, 1km, MW5.0/67, Moment Tensor Solution. s30,c32; s67,c93;

0 Moment tensor: Scale 10^19Nm, M-r:3.14z:25; Mw:2.26z:18; Mm:0.88z:18; Mo:0.66z:11; Mw:1.87z:12; Mw:2.20z:49; Best double couple: Mw:0.02900x1016; NP1:208.00000°, 558.00000°, λ-124.00000°; NP2: 0.7900000°, 845.00000°, λ-48.00000°. Principal axes: T 3.6550, Plg7.0000°, Azm321.0000°; N 0.7510, Plg28.0000°, Azm227.0000°; P -4.4020, Plg61.0000°, Azm64.0000°; nsta2 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

MOS 14 16:12:41.1-1.1, 12'33"N, 141.62E, h30km, mb5.2/18 Error ellipse: s-maj=11.2km s-min=6.5km az=110.0 DJA 14 16:12:43.2-3.2, 12'14.6N, 141.22E, h17km, 28km, M4.7/11, mb4.7/11, mB5.3/5, MLV4.8/1, Mw(mB)4.7/5

IDC 14 16:12:46.4-2.1, 12'34"N, 141.55E, h55km, 20km, mb4.1/27, mb1 4.2/30, mb1mx4.1/36, mbtmp4.4/30, ML3.9/3, MS3.9/13, Ms1 3.9/13, ms1mx3.7/34, Error ellipse: s-maj=13.4km s-min=10.2km az=93.0

ISC 14 16:12:41.3-0.4, 12'29"N, 0.05, 141.57E, 0.04, h16km, 1km, h15km: p-P, n148, o1962/189, mb4.9/78, MS3.8/10, 3C-4D, South of Mariana Islands

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

BUI 14 16:12:36.2, 12'08"N, 141.78E, h10km, mb4.8/55, mb5.2/47, Ms4.6/43, Ms7.4/37

ISCJB 14 16:12:37.7-1.0, 12'31"N, 0.04, 141.62E, 0.04, h5km, 6km, mb4.7/78, MS3.9/10, Error ellipse: s-maj=7.2km s-min=5.7km az=143.7

NEIC 14 16:12:40.0-0.3, 12'33"N, 141.53E, h10km, mb5.0/30, Error ellipse: s-maj=8.2km s-min=6.7km az=94.0

GCMT 14 16:12:40.0-0.3, 12'18"N, 141.15E, h14km, 1km, MW5.0/67, Moment Tensor Solution. s30,c32; s67,c93;

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BJI comp=Z,290nm,6.8s, BJI comp=Z,470nm,16.8s, BJI comp=Z,200nm,16.0s, etc.

Table with columns: Station, Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SONM, ZAK, LSA, TLY, BOD, YAK, etc.

Table with columns: Station, Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AB31, ABKAR, ARU, ARU, ARU, etc.

Table with columns: Station, Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like TGY, CUYO, BCPH, BCPH, etc.

IDC 14 16:20:07.9, 5.9, 16.245:177.73W, h0km, mb3.8/2, mb1.4/1.2, mb1m3.6/1.7, mbtms3.8/2, Error ellipse: s-maj=421.5km s-min=65.4km az=152.0, Fiji Islands region

BUI 14 16:35:39.2, 12.02'N: 141.93'E, h10km, mb5.3/81, mb5.6/79, MS5.5/94, MS7.5/38

ISICJB 14 16:35:42.5, 0.8, 12.32'N: 02.141'E, h10km, 5km, mb5.3/183, MS5.2/55, Error ellipse: s-maj=4.3km s-min=3.6km az=156.6

NEIC 14 16:35:44.0, 0.1, 12.30'N: 141.57'E, h10km, mb5.4/101, Error ellipse: s-maj=4.0km s-min=3.3km az=109.0

GCMT 14 16:35:44.0, 0.1, 12.28'N: 141.41'E, h12km, MW5.6/109, Moment Tensor Solution, s85,c157; s109,c293; Duration: 1s6 Moment tensor: Scale 10^17Nm; Mm-2.63e+03; Mm1.39e+03; Mm2.12e+03; Mm1.33e+10; Mm1.90e+03; Mm1.48e+10; Best double couple: Mx3.5700e+10; Ny1.2230000e+06; z62.00000e+00; lambda-83.00000e+00; NPa260.00000e+00; delta28.00000e+00; Principal axes: T: 3.9270; P: 17.0000; Azm316.0000; N: -0.5800; Plg3.0000; Azm225.0000; P: -3.2470; Plg73.0000; Azm126.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

MOS 14 16:35:45.6, 1.0, 12.30'N: 141.55'E, h33km, mb5.6/56, MS5.3/22 Error ellipse: s-maj=8.2km s-min=4.5km az=108.7

IDC 14 16:35:46.3, 4.2, 12.31'N: 141.57'E, h24km, 28km, mb5.0/26, mb1.5/130, mb1mx5.1/30, mbtms5.1/30, ML3.8/4, MS5.1/30, MS1.5/130, ms1mx5.1/34, Error ellipse: s-maj=12.3km s-min=9.5km az=69.0

DJA 14 16:35:52.4, 0.7, 13.13'N: 142.2'E, h119km, 14km, M5.4/21, mb5.3/21, MB5.8/19, MLv5.5/1, Mw(MB)5.3/19, Mwps.6/2

ISC 14 16:35:45.4, 0.3, 12.31'N: 03.141'E, h18km, 1km, h18km; p-P, n486, a181/547, mb5.4/183, MS5.3/57, 22C-13D, South of Mariana Islands

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

Table of astronomical observations for 2010 August, columns include object name (e.g., G08A, KIV, LPSR), coordinates, magnitude, and other parameters.

Table of astronomical observations for 2010 August, columns include object name (e.g., KIS, J21A, WUAJ), coordinates, magnitude, and other parameters.

Table of astronomical observations for 2010 August, columns include object name (e.g., PMAFR, PMST, PNCL), coordinates, magnitude, and other parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes data for MAN 14 16:46:17, 18.02N, 120.15E, h21km, mb4.7, ML3.5, MS3.5.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes data for WEL 14 16:40:01.4, 0.2, 39.48S, 174.76E, h158km, 1km, ML3.5/15, 13C-1D, Error ellipse: s-maj=1.4km s-min=1.2km, az=90.0, North Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes data for WAZ, WAZ, VRZ, VRZ, NEZ, NEZ, MTVZ, MTVZ, TRVZ, TRVZ, FWVZ, FWVZ, Pukeiti, Pukeiti, TWVZ, TWVZ, WNVZ, WNVZ, WVPZ, WVPZ, TUWZ, TUWZ, TUWZ, TUWZ, MOVZ, MOVZ, MHVZ, MHVZ, BHZ, BHZ, TSZ, TSZ, PNHZ, PNHZ, POWZ, POWZ, KRHZ, KRHZ, KRHZ, KRHZ, MRVZ, MRVZ, DVHZ, DVHZ, OGWZ, OGWZ, KIW, KIW, PRWZ, PRWZ, WPHZ, WPHZ, DUWZ, DUWZ, MCHZ, MCHZ, HOWZ, HOWZ, CAW, CAW, ANWZ, ANWZ, ANWZ, ANWZ, BFZ, BFZ, BFZ, BFZ, KAHZ, KAHZ, PXZ, PXZ, TCW, TCW, TCW, TCW, MTW, MTW, WEL, WEL, BHW, BHW, PAWZ, PAWZ, MSWZ, MSWZ, NNZ, NNZ, TUWZ, TUWZ, TUWZ, TUWZ, PALWZ, PALWZ, BSWZ, BSWZ, RIGZ, RIGZ, THZ, THZ, KHZ, KHZ, LTZ, LTZ, OXZ, OXZ, MOZ, MOZ.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes data for IDC 14 16:50:04.1, 1.3, 22.23N, 141.35E, h0km, mb3.6/4, mb1 3.8/5, mb1mx3.5/25, mbtmp3.7/5, ML3.7/1, Error ellipse: s-maj=40.0km s-min=25.4km az=87.0, South Mariana Islands.

0.1nm,0.5s,baz=234,slow=3.0,SNR=2.2
FINES FINES Array B 90.97 334 P
0.5nm,0.7s,baz=65,slow=5.3,SNR=2.4

IDC 14 18:01:40.8,6.2,11.939N,140.19E,h0km,mb3.5/4,
mb1 3.6/4,mb1mx3.4/24,mbtmp3.5/4, Error ellipse:
s-maj=277.6km s-min=25.7km az=79.0, Western
Caroline Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, ZALV Zalesovo Beam.

IDC 14 18:20:01.9,0.8,12.400N,141.88E,h0km,mb4.0/13,
mb1 4.1/14,mb1mx4.0/28,mbtmp4.0/14,ML4.0/1,MS4.1/1,
Ms1 4.1/1,ms1mx2.7/39, Error ellipse: s-maj=29.9km
s-min=15.6km az=86.0

NEIC 14 18:20:04.1,0.4,12.38N,141.64E,h10km,mb4.4/8, Error
ellipse: s-maj=7.4km s-min=7.5km az=82.0

ISC 14 18:20:06.0,6.6,12.400N,140.08E,h133km,n30,
c096/29,mb4.2/21, South of Mariana Islands

Main table for 14d 18h section, containing station data for Guam, Warramunga Arr, Alice Springs, etc.

IDC 14 18:21:36.1,1.9,32.72S,178.85W,h0km,mb3.9/2,
mb1 4.2/3,mb1mx3.7/38,mbtmp3.9/3,ML3.8/1, Error
ellipse: s-maj=43.9km s-min=35.7km az=97.0, South of
Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include URZ Urewera, ASAR Alice Springs, WRA Warramunga Arr, etc.

IDC 14 18:25:20.1,3.2,13.81N,91.34W,h0km,mb4.0/7,
mb1 4.2/9,mb1mx4.0/24,mbtmp4.0/9,ML3.7/2, Error
ellipse: s-maj=63.9km s-min=37.1km az=3.0

MEX 14 18:25:21.3,0.4,13.29N,91.90W,h40km,MD4.3
ISCJTB 14 18:25:22.4,0.7,13.41N,91.99W,0.04,h37km,
mb4.2/15, Error ellipse: s-maj=9.8km s-min=4.6km
az=22.0

NEIC 14 18:25:27.2,1.6,13.90N,91.69W,h35km,13km,mb4.3/8,
MD4.3(MEX), Error ellipse: s-maj=27.1km s-min=12.0km
az=212.0

Main table for 14d 18h section, containing station data for Jato, Fuego 3, Ixpaca, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MNTX Cornudas Mount, WMOK Wichita Mounta, MSTX Muleshoe, etc.

IDC 14 18:25:29.7,3.5,12.23N,141.57E,h0km,mb3.7/4,
mb1 3.9/4,mb1mx3.5/24,mbtmp3.7/4, Error ellipse:
s-maj=108.7km s-min=26.4km az=72.0, South of
Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, etc.

BUI 14 18:39:15.2,1.1,88N,141.83E,h37km,mb4.7/40,mb5.0/29,
Ms4.6/23,Ms7.4/3/23

IDC 14 18:39:15.2,0.6,12.32N,141.74E,h0km,mb4.4/20,
mb1 4.5/21,mb1mx3.4/21,mbtmp4.4/21,ML3.5/1,MS3.7/14,
Ms1 3.7/14,ms1mx3.5/35, Error ellipse: s-maj=20.2km
s-min=12.8km az=87.0

NEIC 14 18:39:16.9,0.3,12.33N,141.53E,h10km,mb4.9/20, Error
ellipse: s-maj=9.7km s-min=9.3km az=95.0

ISCJTB 14 18:39:18.9,0.3,12.34N,140.04E,h158E,0.05,h33km,
mb4.6/53,MS3.8/13, Error ellipse: s-maj=6.6km
s-min=5.9km az=18.3

MOS 14 18:39:18.6,1.1,12.31N,141.55E,h33km,mb5.1/15, Error
ellipse: s-maj=11.4km s-min=6.9km az=101.4

DJA 14 18:39:20.9,3.0,12.16N,141.2E,h18km,27km,ML4.8/12,
mb4.8/12,mb5.2/5,ML4.9/1,Mw(m)6.4/6/5

ISC 14 18:20:50.0,4.0,12.35N,141.58E,0.05,h33km,n112,
c01562/126,mb4.7/53,MS3.8/13,2C-50, South of Mariana
Islands

Main table for 14d 18h section, containing station data for GUMO Guam, WRA Warramunga Arr, etc.

Main table for 14d 18h section, containing station data for BJI, BJI, BJI, etc.

Table with columns: MKAR, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Makanchi Array, Zalesovo Beam, Rata Peaks, Novosibirsk, Kashi, Borovoye, etc.

CSEM 14 18:41:24.1±0.5, 36°27'N:21°86'E, h2km, ML3.3, Error ellipse: s-maj=10.9km s-min=5.1km az=48.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PYLOS, Ithomi, Kithira, Vlachokerasia, Artemida-Makis, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JAN, IGT, SGG, LIT, NEST, OUR, HORT, FNA, etc.

IDC 14 18:42:52.0±0.2, 5°43'S:150°61'E, h0km, mb3.8/3, mb1.4/1.4, mb1mx3.5/38, mbtmp3.9/4, ML1.4/1, Error ellipse: s-maj=130.2km s-min=23.6km az=125.0

IDC 14 18:47:58.1±0.5, 52°47'N:159°95'E, h0km, mb4.3/26, mb1.4/4.28, mb1mx4.4/33, mbtmp4.3/28, ML3.2/2, MS3.7/6, Ms1.3/8.6, ms1mx3.3/38, Error ellipse: s-maj=15.5km s-min=11.4km az=131.0

IDC 14 18:48:04.2±0.2, 52°34'N:159°97'E, h44km, mb4.8/30, Error ellipse: s-maj=7.9km s-min=4.5km az=91.8

IDC 14 18:48:00.0±0.2, 52°30'N:160°10'E, h0km, mb4.3/26, mb1.4/4.28, mb1mx4.4/33, mbtmp4.3/28, ML3.2/2, MS3.7/6, Ms1.3/8.6, ms1mx3.3/38, Error ellipse: s-maj=15.5km s-min=11.4km az=131.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Mys Shipunski, Ruskaya, RUS, SMAR, etc.

Table with columns for station code, name, coordinates, elevation, and various performance metrics. Includes stations like SKR, TUMR, KMINR, etc.

Table with columns for station code, name, coordinates, elevation, and various performance metrics. Includes stations like LZH, GTA, ZALV, etc.

Table with columns for station code, name, coordinates, elevation, and various performance metrics. Includes stations like KKAR, HWUT, CHTO, etc.

Table with columns: Code, Station Name, Az, El, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BURAR, BRG, KRLC, MORC, etc.

IDC 14 18:55:22.0-1.6, 32.75S:178.50W, h0km, mb4.1/3, mb1.4/3.4, mb1mx3.8/33, mbtmp4.1/4, ML4.0/1, Error ellipse: s-maj=38.8km s-min=32.6km az=123.0

ISC 14 18:55:26.8-1.8, 32.32S:0.1x178.5W, 0.3, h32km, n7, r1516/8, mb4.1/3, South of Kermadec Islands

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

AUST 14 18:56:36.0-6.6, 0.66S:150.65E, h0km, 2km, Error ellipse: s-maj=8.5km s-min=1.9km az=32.0

IDC 14 18:56:40.9-0.7, 6.96S:150.22E, h0km, mb3.9/10, mb1.4/2.11, mb1mx4.0/32, mbtmp4.0/11, ML2.1/1, Error ellipse: s-maj=23.2km s-min=18.7km az=116.0

ISCJB 14 18:56:43.2-0.5, 7.01S:0.06x150.32E, 0.06, h34km, mb3.9/11, Error ellipse: s-maj=10.5km s-min=7.6km az=135.9

NEIC 14 18:56:45.6-0.5, 7.04S:150.24E, h35km, mb4.7/2, Error ellipse: s-maj=11.6km s-min=10.5km az=136.0

ISC 14 18:56:45.0-0.6, 7.01S:0.09x150.27E, 0.08, h34km, n28, r199/29, mb3.8/11, New Britain region

Table with columns: Code, Station Name, Az, El, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMG, HNR, MTSU, QIS, KDU, etc.

Table with columns: Code, Station Name, Az, El, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PTGA, BDFB, ISCBJ, GUC, etc.

Code Station Name Az El Az El Phase ID Time Res h m s ISC

Table with columns: Code, Station Name, Az, El, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PB09, LVC, MACH, etc.

IDC 14 19:14:22.6-0.8, 12.43N:141.83E, h0km, mb4.1/8, mb1.4/3.9, mb1mx4.0/26, mbtmp4.0/9, ML3.1/1, Error ellipse: s-maj=24.8km s-min=19.6km az=98.0

NEIC 14 19:14:24.2-0.4, 12.43N:141.84E, h10km, mb4.6/1, Error ellipse: s-maj=13.6km s-min=10.9km az=106.0

ISCJB 14 19:14:25.8-0.6, 12.39N:0.09x141.8E, 0.1, h33km, mb4.3/11, Error ellipse: s-maj=16.8km s-min=13.0km az=17.7

ISC 14 19:14:27.6-0.7, 12.44N:0.1x141.9E, 0.1, h33km, n14, r0588/13, mb4.3/11, South of Mariana Islands

Table with columns: Code, Station Name, Az, El, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUMO, WRAB, ASAR, CMAR, etc.

BJI 14 19:19:30.9-7.3, 73S:150.36E, h18km, mb4.7/26, mb5.0/19, Ms4.8/18, Ms7.4/6/11

IDC 14 19:19:32.0-0.6, 7.02S:150.25E, h0km, mb4.3/15, mb1.4/4.18, mb1mx4.4/22, mbtmp4.3/18, ML3.4/3, MS3.5/12, Ms1.3/5.12, ms1mx3.3/31, Error ellipse: s-maj=20.4km s-min=13.5km az=92.0

ISCJB 14 19:19:34.6-0.3, 7.05S:0.04x150.17E, 0.06, h26km, mb4.5/24, MS3.6/10, Error ellipse: s-maj=8.7km s-min=5.4km az=9.4

NEIC 14 19:19:37.2-3.7, 7.02S:150.14E, h33km, 26km, mb5.0/10, Error ellipse: s-maj=9.1km s-min=8.3km az=66.0

AUST 14 19:19:40.2-0.2, 0.71S:150.23E, h33km, Error ellipse: s-maj=2.3km s-min=1.4km az=241.0

DJA 14 19:19:48.7-2.7, 8.13S:13.13E, 1.7, h75km, 18km, MS.0/9, mb4.8/9, MB5.8/2, MLV5.2/1, Mw(m)5.3/2

ISC 14 19:19:36.2-0.5, 7.01S:0.06x150.28E, 0.08, h26km, n92, r1377/104, mb4.6/24, MS3.7/10, New Britain region

Table with columns: Code, Station Name, Az, El, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMG, COEN, MTSU, CTA, etc.

Table with columns: Code, Station Name, Az, El, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRAB, WRA, QLP, GUMO, etc.

14d 19h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PKI Pulchoki, KKN Daman, GKN Gorkha, etc.

ISK 14 19:21:38.5, 38.78N, 40.07E, h14km, MD2.6
DDA 14 19:21:38.0, 38.75N, 40.10E, h3km, MD2.6
CSEM 14 19:21:40.2, 0.4, 38.63N, 39.97E, h10km, MD2.6, Error ellipse: s-maj=8.8km s-min=7.8km az=63.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BINT Bingol, PTK Pertek, BNGB Bing'iji, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MAN 14 19:24:48, 9.33N, 125.47E, h13km, mb4.5, ML3.4, MS3.3, 1C, Mindanao.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MATI Mati, GSPH General Santos, BUKP Musuan, etc.

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ANOYIA Anoyia, NEAPOLIS Neapolis, SIVAS Sivas, etc.

ISK 14 19:21:38.5, 38.78N, 40.07E, h14km, MD2.6
DDA 14 19:21:38.0, 38.75N, 40.10E, h3km, MD2.6
CSEM 14 19:21:40.2, 0.4, 38.63N, 39.97E, h10km, MD2.6, Error ellipse: s-maj=8.8km s-min=7.8km az=63.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DALY Dalyan (Mu'la), ITM Ithomi, VILL Villia, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ESDC Sonseca Array, FINES FINESSE Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai, PSI Prap, PALK Palkele, etc.

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KURBB Kurchatov Arra, KURK Kurchatov, ZAAO Zalesovo Array, etc.

DDA 14 19:45:51.2, 34.59N, 31.44E, h26km, MD3.2
ISK 14 19:45:51.8, 34.77N, 31.43E, h28km, ML3.0
CSEM 14 19:45:58.0, 0.4, 34.85N, 31.49E, h40km, ML3.5, Error ellipse: s-maj=12.8km s-min=9.3km az=13.0

ISC 14 19:45:59.7, 35.17N, 31.61E, h36km, ML3.5
NIC 14 19:45:58.9, 1.9, 34.94N, 0.06E, 31.53E, 0.04, h30km, 15km, n68, 0.91E/64, 3C-2D, Cyprus region

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CEYT Ceyhan, CEYT Tasiluk, AYDN Aydn, etc.

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

ISK 14 19:52:20.6, 37.04N, 28.39E, h18km, MD2.6
DDA 14 19:52:20.6, 36.96N, 28.38E, h13km, MD2.6

ISCJB 14 19:52:21.5, 0.6, 37.00N, 0.05:28.36E, h10km, 8km, Error ellipse: s-maj=9.2km s-min=4.0km az=35.2

CSEM 14 19:52:21.2, 0.3, 37.01N:28.38E, h10m, MD2.6, Error ellipse: s-maj=11.2km s-min=5.0km az=37.0

ISC 14 19:52:20.9, 0.9, 37.02N:0.05:28.35E, h14km, 6km, n16, r122/28, Turkey

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like YERkesik, TURunc, DALYan, BDRM, AYDN, AKAS, etc.

CSEM 14 19:56:41.1, 37.19N:24.57W, h10km, ML2.9 PDA 14 19:56:41.1, 1.0, 37.19N:24.57W, h10km, MD4.0, ML2.9, Error ellipse: s-maj=6.0km s-min=2.8km az=92.0, Azores Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like PSMN, PDA, PSET, ADH, PMAN, ROSA, PCAN, CALA, etc.

ISC 14 19:56:54.1, 1.9, 6.37S:152.34E, h0km, mb3.6/4, mb1 3.9/5, mb1mx3.5/40, mbtmp3.7/5, ML1.1, Error ellipse: s-maj=69.5km s-min=24.0km az=122.0

ISC 14 19:56:57.5, 1.8, 6.5S:0.3:152.3E, h23km, n6, r138/7, mb3.7/4, New Britain region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like PMG, WRA, ASAR, SONM, ILAR, TORD, etc.

ISC 14 20:00:52.0, 1.8, 18.95N:145.24E, h193km, 18km, mb3.3/3, mb1 3.5/6, mb1mx3.0/56, mbtmp4.0/6, Error ellipse: s-maj=43.7km s-min=11.7km az=89.0, Mariana Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like GUMO, JCJ, MJAR, WRA, ASAR, NVAR, etc.

ISCJB 14 20:01:31.6, 0.5, 36.28N:0.05:71.32E, 0.07, h50km, mb3.8/3, Error ellipse: s-maj=9.8km s-min=5.1km az=142.6

ISC 14 20:01:34.0, 6.8, 36.37N:71.26E, h53km, 49km, mb3.5/3, mb1 3.5/7, mb1mx3.1/53, mbtmp3.7/7, ML3.4/4, Error ellipse: s-maj=62.6km s-min=25.4km az=147.0

NCC 14 20:01:42.9, 2.0, 37.01N:71.1E, h140km, 27km, mb3.1, mpv3.9, Error ellipse: s-maj=17.7km s-min=8.9km az=159.0

ISC 14 20:01:33.2, 0.9, 36.34N:0.08:71.33E, 0.07, h50km, n22, r185/25, mb3.9/3, 4C-5D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like DZET, SFK, MNAS, AAK, KK31, GEYT, KOLN, GKN, DMN, PKIN, PKI, KURBB, RAMN, TAPN, ODAN, AKTO, ZALV, FINES, NOB, TORO, etc.

DJA 14 20:07:07.5, 0.9, 4.5S:10.8E, h10km, M3.9/7, MLv3.9/7, Java Sea

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like CGJ, CNJI, CISI, KASI, MDSD, LWLI, MNAI, etc.

ISC 14 20:08:05.8, 1.1, 7.04S:150.37E, h0km, mb3.9/8, mb1 4.2/9, mb1mx3.9/42, mbtmp4.0/9, ML2.2/1, MS3.1/2, Ms1 3.0/2, ms1mx2.7/29, Error ellipse: s-maj=41.3km s-min=18.5km az=112.0

ISCJB 14 20:08:08.5, 0.9, 7.05S:0.1:150.3E, 0.1, h26km, mb3.8/7, MS2.9/2, Error ellipse: s-maj=24.1km s-min=9.8km az=36.9

ISC 14 20:08:09.9, 1.0, 7.05S:0.1:150.3E, 0.2, h26km, n15, r050/14, mb4.0/7, New Britain region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like PMG, QIS, KDU, WTR, LWLI, GUMO, KNRA, ASAR, STKA, MJAR, SONM, MKAR, QSPA, ILAR, TORD, etc.

ISCJB 14 20:13:33.7, 0.9, 18.7S:0.1:174.5W, 0.2, h10km, mb4.3/8, Error ellipse: s-maj=21.2km s-min=14.9km az=11.9

ISC 14 20:13:34.0, 1.0, 18.69S:174.48W, h0km, mb4.3/7, mb1 4.3/8, mb1mx4.1/43, mbtmp4.4/8, ML4.6/1, MS2.8/1, Ms1 2.8/1, ms1mx2.5/20, Error ellipse: s-maj=31.4km s-min=17.1km az=107.0

NEIC 14 20:13:35.4, 0.6, 18.67S:174.46W, h10km, mb4.7/4, Error ellipse: s-maj=15.8km s-min=10.4km az=115.0

ISC 14 20:13:35.2, 0.8, 18.65S:0.1:174.4W, 0.2, h10km, n18, r145/19, mb4.3/7, Tonga Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like AFI, AFI, AFI, AFI, URZ, HNR, RPZ, CTA, CTAB, WRA, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like ASAR, SBA, MJAR, QSPA, BVAR, CLL, BRTR, GERES, etc.

IDC 14 20:17:56.9, 0.4, 28.27N:66.32E, h0km, mb4.6/42, mb1 4.7/42, mb1mx4.6/55, mbtmp4.6/42, ML2.8/1, MS4.6/31, Ms1 4.6/31, ms1mx4.5/43, Error ellipse: s-maj=10.9km s-min=9.0km az=15.0

ISCJB 14 20:18:00.0, 0.1, 28.21N:0.02:66.38E, 0.02, h33km, mb4.8/125, MS4.6/48, Error ellipse: s-maj=3.3km s-min=1.9km az=25.0

MOS 14 20:18:00.2, 1.2, 28.23N:66.34E, h33km, mb5.1/44, MS4.5/18, Error ellipse: s-maj=6.2km s-min=4.2km az=115.7

TEH 14 20:18:01.0, 28.33N:66.36E, h26km, ML5.0, GCMT 14 20:18:02.3, 0.2, 28.10N:66.31E, h20km, 1km, MW5.2/94, Moment Tensor Solution, s54, c73; s94, c154; Duration: 0 Moment tensor: Scale 1019N; Mr1.1, 11.16; Mw=6.24; 16; Mw=5.13; 16; Mw=1.25; 28; Mw=3.63; 13; Mw=0.24; 29; Best double couple: 1-173, 00000; NP2: 2208, 00000; 383, 00000; 1, 5, 00000; Principal axes: T 6.1930, P1g1, 0000; Azm74, 0000; N 1.2950, P1g81, 0000; Azm33, 0000; P -7.4807, P1g8, 0000; Azm164, 0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 14 20:18:02.3, 0.2, 28.33N:66.32E, h35km, mb5.0/46 Error ellipse: s-maj=6.5km s-min=4.9km az=18.0

CSEM 14 20:18:05.6, 3.3, 28.21N:66.86E, h50km, ML4.1, Error ellipse: s-maj=86.2km s-min=26.7km az=88.0

BUI 14 20:18:06.1, 28.60N:66.85E, h40km, mb4.9/68, mb5.1/48, Ms5.0/69, Ms7.4/8/64

ISN 14 20:18:14.6, 2.1, 26.54N:64.32E, h75km, 23km, ML4.1, OMAN 14 20:19:14.2, 26.39N:60.54E, h50km

ISC 14 20:18:01.0, 4.0, 28.24N:0.04:66.39E, 0.03, h27km, 2km, h27km, n15, r451, r183/510, mb4.9/125, MS4.6/49, 31C-29D, Pakistan

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like JASL, BHJU, THW, KBL, IDAH, CEP, IKOO, CHCP, KHET, KHET, etc.

DJA 14 20:07:07.5, 0.9, 4.5S:10.8E, h10km, M3.9/7, MLv3.9/7, Java Sea

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like CGJ, CNJI, CISI, KASI, MDSD, LWLI, MNAI, etc.

ISC 14 20:08:05.8, 1.1, 7.04S:150.37E, h0km, mb3.9/8, mb1 4.2/9, mb1mx3.9/42, mbtmp4.0/9, ML2.2/1, MS3.1/2, Ms1 3.0/2, ms1mx2.7/29, Error ellipse: s-maj=41.3km s-min=18.5km az=112.0

ISCJB 14 20:08:08.5, 0.9, 7.05S:0.1:150.3E, 0.1, h26km, mb3.8/7, MS2.9/2, Error ellipse: s-maj=24.1km s-min=9.8km az=36.9

ISC 14 20:08:09.9, 1.0, 7.05S:0.1:150.3E, 0.2, h26km, n15, r050/14, mb4.0/7, New Britain region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like PMG, QIS, KDU, WTR, LWLI, GUMO, KNRA, ASAR, STKA, MJAR, SONM, MKAR, QSPA, ILAR, TORD, etc.

ISCJB 14 20:13:33.7, 0.9, 18.7S:0.1:174.5W, 0.2, h10km, mb4.3/8, Error ellipse: s-maj=21.2km s-min=14.9km az=11.9

ISC 14 20:13:34.0, 1.0, 18.69S:174.48W, h0km, mb4.3/7, mb1 4.3/8, mb1mx4.1/43, mbtmp4.4/8, ML4.6/1, MS2.8/1, Ms1 2.8/1, ms1mx2.5/20, Error ellipse: s-maj=31.4km s-min=17.1km az=107.0

NEIC 14 20:13:35.4, 0.6, 18.67S:174.46W, h10km, mb4.7/4, Error ellipse: s-maj=15.8km s-min=10.4km az=115.0

ISC 14 20:13:35.2, 0.8, 18.65S:0.1:174.4W, 0.2, h10km, n18, r145/19, mb4.3/7, Tonga Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like AFI, AFI, AFI, AFI, URZ, HNR, RPZ, CTA, CTAB, WRA, etc.

ISCJB 14 20:13:33.7, 0.9, 18.7S:0.1:174.5W, 0.2, h10km, mb4.3/8, Error ellipse: s-maj=21.2km s-min=14.9km az=11.9

ISC 14 20:13:34.0, 1.0, 18.69S:174.48W, h0km, mb4.3/7, mb1 4.3/8, mb1mx4.1/43, mbtmp4.4/8, ML4.6/1, MS2.8/1, Ms1 2.8/1, ms1mx2.5/20, Error ellipse: s-maj=31.4km s-min=17.1km az=107.0

NEIC 14 20:13:35.4, 0.6, 18.67S:174.46W, h10km, mb4.7/4, Error ellipse: s-maj=15.8km s-min=10.4km az=115.0

ISC 14 20:13:35.2, 0.8, 18.65S:0.1:174.4W, 0.2, h10km, n18, r145/19, mb4.3/7, Tonga Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like AFI, AFI, AFI, AFI, URZ, HNR, RPZ, CTA, CTAB, WRA, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MOY, CHAI, NONG, NAYO, ZAK, RDO, GYA, VRI, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PSI, Prapat, DIVS, TMR, STHS, KMB, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like HIA, Hailar, CLL, CLL, CLL, etc.

Table with columns: QLP, Quilpie, 20.50 192 P, Pn, 22 31 44.2 +2.3, ASAR, Alice Springs, 22.31 218 P, P, 22 31 59.1 +1.0, ASAR, 2.3nm, 0.4s, baz=52, slow=9, SNR=35 S, 22 36 00.1 +3.1, STKA, Stephens Creek, 26.19 194 LR, LR, 22 43 59.9, SONMI, Songino Array, 65.63 330 P, P, 22 37 42.4 +0.2, MKAR, Makanchi Array, 78.94 320 P, P, 22 39 01.4 +0.1, ILAR, Elnor Array, 85.19 23 P, P, 22 39 33.5 0.0, TORD, Torodi Ar. Bea, 146.89 284 PKPbc, PKPbc, 22 46 41.2 -0.8

IDC 14 22:40:31.1, 2.8, 7.18S, 150.60E, h0km, mb3.6/2, mb1.4/0.3, mb1mx3.4/35, mbmtpp3.8/3, ML1.8/1, Error ellipse: s-maj=99.1km s-min=37.8km az=132.0, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, PMG, Port Moresby, 4.06 237 Pn, P, 22 41 35.6 +1.0, PMG, 4.7nm, 0.3s, baz=49, slow=8.4, SNR=11 S, 22 42 22.9 0.0, WRA, Warramunga Arr, 20.24 230 P, P, 22 45 07.7 -0.5, ASAR, Alice Springs, 22.92 223 P, P, 22 45 36.6 -0.4, TORD, Torodi Ar. Bea, 148.84 283 PKPbc, PKPbc, 23 00 21.6 -0.2

CASC 14 22:40:45.0, 3.6, 8.53N, 82.66W, h10km, 12km, MD3.9, 1C, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, BRUZ, Volcan, 0.27 354 eP, P, 22 40 51.6 -0.6, BRUZ, 4.3nm, 0.3s, baz=148, slow=23, SNR=6.6 S, 22 42 22.9 0.0, WRA, Warramunga Arr, 20.24 230 P, P, 22 45 07.7 -0.5, ASAR, Alice Springs, 22.92 223 P, P, 22 45 36.6 -0.4, TORD, Torodi Ar. Bea, 148.84 283 PKPbc, PKPbc, 23 00 21.6 -0.2

ISCJB 14 22:41:20.3, 0.6, 36.89N, 0.05, 140.20E, 0.06, h99km, 5km, mb3.4/3, Error ellipse: s-maj=9.5km s-min=6.3km az=40.3, JMA 14 22:41:21.3, 0.1, 36.86N, 140.22E, h92km, 1km, M3.3, JMA Felt J1.

IDC 14 22:41:24.6, 3.4, 36.72N, 139.77E, h112km, 21km, mb3.2/3, mb1.3/3.4, mb1mx3.0/53, mbmtpp3.6/4, Error ellipse: s-maj=50.4km s-min=11.3km az=60.0, ISC 14 22:41:21.3, 1.0, 36.91N, 0.05, 140.18E, 0.05, h94km, 7km, n15, 0.978/26, mb3.3/3, Near east coast of eastern

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Honshu, MYBK, Shioaba, 0.21 287 P, Pn, 22 41 34.8 -0.1, JSB, JFT, Otama, 0.62 12 P, Pn, 22 41 37.6 +0.1, JFT, JKT, Yanaizu, 0.63 323 P, Pn, 22 41 50.2 +0.2, JFY, JFK, Kawauchi, 0.73 320 P, Pn, 22 41 49.6 0.0, JFK, JAG, Ashikaga, 0.75 231 P, Pn, 22 41 38.8 +0.1, JAG, JKT, Katashina, 0.76 260 P, Pn, 22 41 51.2 -0.5, JKT, JHK, Hiroka, 0.99 291 P, Pn, 22 41 41.5 +0.4, JHK, JMM, Marumori, 1.08 27 P, Pn, 22 41 42.3 +0.1, JMM, JNS, Sagawaya, 1.14 323 P, Pn, 22 41 43.2 +0.3, MJAR, Matsushiro Arr, 1.62 258 P, Pn, 22 41 48.6 -0.2, MJAR, comp=Z, 12nm, 19.3s, baz=215, slow=23, LR, 22 41 52.8, MJAR, 3.9nm, 0.3s, baz=72, slow=14, SNR=6.2 P, 22 41 49.5 +0.7, MAT, Matsushiro, 1.62 258 P, Pn, 22 42 18.8 +0.1, MAT, JHT, Hachioji ima 2, 3.79 185 S, S, 22 42 10.2 +0.5, JHT, JHJ, 4.9nm, 0.3s, baz=88, slow=17, SNR=3.9 S, 22 43 00.8 -0.4, SONMI, Songino Array, 27.04 305 P, P, 22 46 54.9 +0.1, MKAR, Makanchi Array, 43.35 302 P, P, 22 49 14.6 +0.5, WRA, Warramunga Arr, 56.81 187 P, P, 22 50 55.1 -0.8

CSEM 14 22:44:46.7, 0.6, 36.87N, 27.89E, h5km, MD2.6, Error ellipse: s-maj=13.8km s-min=6.6km az=2.0, ISK 14 22:44:47.5, 36.97N, 27.85E, h3km, MD2.4, DDA 14 22:44:48.7, 36.99N, 27.79E, h9km, MD2.6, ISC 14 22:44:46.3, 1.4, 36.89N, 0.06, 27.95E, 0.03, h1km, 20km, n12, 0.959/21, Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, YER, Yerkesik, 0.36 48 eP, P, 22 44 56.0 +0.5, YER, 0.36 48 eP, P, 22 45 01.8 0.0, YER, 0.36 48 eP, P, 22 44 56.1 +0.5, YER, 0.44 293 eP, P, 22 45 01.8 0.0, BDRM, Kayabasi, 0.44 293 iS, P, 22 44 54.4 -0.3, BDRM, Kayabasi, 0.44 293 iS, P, 22 45 00.9 +0.5, BDRM, Kayabasi, 0.44 293 iS, P, 22 44 54.4 -0.3, BDRM, Kayabasi, 0.44 293 iS, P, 22 45 00.9 +0.5, TURN, Turunc, 0.53 92 iP, P, 22 44 56.8 +0.1, TURN, Turunc, 0.53 92 iS, P, 22 44 56.8 +0.1, BODT, Bodrum, 0.54 289 eP, P, 22 44 56.7 +0.1, BODT, Bodrum, 0.54 289 eP, P, 22 44 56.7 +0.1, AYDN, Tasoluk, 0.77 356 iP, P, 22 45 01.4 +0.4, AYDN, Tasoluk, 0.77 356 iS, P, 22 45 01.4 +0.4, AYDN, Tasoluk, 0.77 356 iS, P, 22 45 01.4 +0.4, AYDN, Zeytin koy-Aydi, 1.05 358 eP, P, 22 45 06.9 -0.5, AYDN, Zeytin koy-Aydi, 1.05 358 eP, P, 22 45 06.9 -0.5

IDC 14 22:51:56.5, 1.2, 12.23N, 141.36E, h0km, mb3.8/5, mb1.3/9/6, mb1mx3.6/38, mbmtpp3.9/6, ML4.0/1, Error ellipse: s-maj=37.7km s-min=22.5km az=82.0, ISCJB 14 22:52:00.8, 0.9, 12.22N, 0.1, 141.5E, 0.1, h51km, mb3.8/5, Error ellipse: s-maj=22.3km s-min=18.7km az=40.8, ISC 14 22:52:02.7, 1.1, 12.22N, 0.2, 141.6E, 0.2, h51km, n6, 0.658/6, mb3.9/5, South of Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, GUMO, Guam, 3.48 67 Op, P, 22 52 94.4 0.0, WRA, Warramunga Arr, 32.75 193 P, P, 22 58 30.2 -0.8, ASAR, Alice Springs, 36.46 192 P, P, 22 59 03.8 +0.8, MKAR, Makanchi Array, 60.27 317 P, P, 22 59 06.3 +0.2, KURBS, Kurchatov Arra, 63.61 321 P, P, 23 02 28.3 -0.1, BVAR, Borovoye Array, 69.02 322 P, P, 23 03 02.7 -0.2

SZGRF 14 22:56:11.1, 7.01N, 94.46E, h33km, mb4.8, Nicobar Islands, India, region, BUJ 14 22:56:26.7, 7.11N, 94.41E, h212km, mb4.7/46, mb4.6/24, KLM 14 22:56:31.6, 7.93N, 94.35E, h181km, mb5.0, ML5.1, MSS.9, MOS 14 22:56:32.9, 8.0, 7.84N, 94.60E, h214km, mb4.4/36, Error ellipse: s-maj=8.6km s-min=5.2km az=112.7, ISCJB 14 22:56:34.0, 0.4, 7.82N, 0.03, 94.61E, 0.03, h222km, 3km, mb4.5/1/10, Error ellipse: s-maj=4.7km s-min=3.6km az=43.9, NEIC 14 22:56:35.1, 2.7, 7.78N, 94.67E, h221km, 3km, mb4.9/54, Error ellipse: s-maj=12.1km s-min=8.8km az=77.0, IDC 14 22:56:35.8, 0.6, 7.88N, 94.63E, h225km, 5km, mb4.0/32, mb1.4/1/34, mb1mx1.0/50, mbmtpp4.6/34, Error ellipse: s-maj=8.5km s-min=6.9km az=58.0, DJA 14 22:56:36.4, 0.4, 8.1N, 3.9E, 9.5E, h171km, 9km, MA, 8/24, mb4.9/24, mb5.2/16, MLV5.4/4, Mw(MB)4.6/16, ISC 14 22:56:35.0, 0.3, 7.86N, 0.04, 94.63E, 0.04, h219km, 2km, h219km, pP, n373, 0.192/442, mb4.4/110, 18C-27D,

Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, LHMI, Lok Sumawe, 3.48 138 P, Pn, 22 57 31.9 +0.6, LHMI, Lok Sumawe, 3.48 138 ePn, Pn, 22 57 31.6 +0.3, PKDT, Phuket, 3.67 89 P, Pn, 22 57 30.0 -0.5, KRAB, Krabi, 4.53 85 P, Pn, 22 57 43.7 -0.4, SRIT, Nakonsritamara, 4.97 81 P, Pn, 22 57 48.8 -0.7, TRIT, Trang, 5.01 90 P, Pn, 22 57 50.0 -0.5, SURA, Surathani, 5.11 75 P, Pn, 22 57 50.4 -0.9, KCSI, Kotacane, Aceh, 5.32 144 P, Pn, 22 57 52.1 -1.9, TSI, Tuntungan, 5.83 138 P, Pn, 22 57 59.6 -0.9, KULM, Kulim, 6.50 113 iP, Pn, 22 58 08.6 -0.4, KULM, Kulim, 6.50 113 ePn, Pn, 22 58 08.5 -0.5, PSI, Prapat, 6.59 139 P, Pn, 22 58 09.1 -1.2, PSI, Prapat, 6.59 139 eP, Pn, 22 58 08.8 -1.6, PSI, Prapat, 6.59 139 ePn, Pn, 22 58 09.1 -1.3, PHET, Kaeng Krachan, 7.03 44 P, Pn, 22 58 17.3 +1.5, GSI, Gunungsitoli, 7.14 156 P, Pn, 22 58 13.0 -4.3, GSI, Gunungsitoli, 7.14 156 ePn, Pn, 22 58 13.3 -4.0, GSI, 1.9nm, 0.8s, 131m, 0.0mm, S, 22 59 29.3 -1.0, IPM, Ipoh, 7.19 117 iP, Pn, 22 58 16.9 -1.0, IPM, Ipoh, 7.19 117 ePn, Pn, 22 58 16.9 -1.0, SRDT, 7.81 34 P, Pn, 22 58 28.1 +2.2, PRY, Pattaya, 7.93 50 P, Pn, 22 58 28.1 +0.7, PMY, Kepong, 8.34 123 iP, Pn, 22 58 32.2 -0.3, MNSI, Mandailing Nat, 8.57 145 P, Pn, 22 58 32.2 -3.5, KTMG, Kuala Trengganu, 8.81 106 iP, Pn, 22 58 39.6 +0.8, UTHA, Uthairai, 8.99 31 P, Pn, 22 58 42.5 +1.5, UMPA, Umpang Tak, 9.27 26 P, Pn, 22 58 42.9 -1.8, BKNI, Bangkinang, 9.84 139 P, Pn, 22 58 49.1 -2.9, BKNI, Bangkinang, 9.84 139 ePn, Pn, 22 58 49.0 -2.9, PPI, Padang Panjang, 10.06 145 P, Pn, 22 58 52.3 -2.6, KGM, Kluang, 10.42 123 iP, Pn, 22 59 00.3 +0.8, MHMT, Masariang, 10.75 17 P, Pn, 22 59 03.9 +0.3, CHAI, Chaiyaphum, 10.75 41 P, Pn, 22 59 04.2 +0.5, MYKOM, Kota Tinggi, 10.98 123 iP, Pn, 22 59 07.8 +1.2, MYKOM, Kota Tinggi, 10.98 123 ePn, Pn, 22 59 07.2 +0.5, CM31, Chiang Mai Arr, 11.34 21 ePn, Pn, 22 59 10.6 -0.6, CM31, Chiang Mai Arr, 11.34 21 eScP, Pn, 22 59 10.6 -0.6, CMAR, Chiang Mai Arr, 11.34 21 P, Pn, 22 59 07.3 +0.1, CMAR, Chiang Mai Arr, 11.34 21 P, Pn, 22 59 10.6 -0.6, CMAR, comp=Z, 1.0nm, 0.3s, pmax, pmax, CMAR, comp=N, 1.0nm, 0.3s, pmax, pmax, UTTA, Uttaradit, 11.39 30 P, Pn, 22 59 12.7 +0.9, LOEI, Loei, 11.57 33 P, Pn, 22 59 17.1 -1.6, KHON, Khonkaen, 11.62 43 P, Pn, 22 59 16.7 +2.0, LAMP, Lampang, 11.66 24 P, Pn, 22 59 16.8 +1.6, CHTO, Chiang Mai, 11.67 21 P, Pn, 22 59 15.4 +0.2, CHTO, Chiang Mai, 11.67 21 ePn, Pn, 22 59 15.5 +0.2, CHTO, Chiang Mai, 11.67 21 ePn, Pn, 22 59 15.2 +0.2, CMMT, Chiang Mai, 11.67 21 P, Pn, 22 59 15.3 0.0, TPRI, Tanjung Pinang, 12.03 124 P, Pn, 22 59 23.8 -0.1, CMAI, Chiang Mai, 12.74 19 P, Pn, 22 59 29.4 +0.5, SKNT, Sakonakorn, 12.86 44 P, Pn, 22 59 30.7 +0.5, UBPT, Ubol Rajab, 12.92 54 P, Pn, 22 59 31.7 +0.7, NONG, Nongkai, 13.10 38 P, Pn, 22 59 33.7 +0.5, PALK, Pallekele, 13.82 269 P, Pn, 22 59 44.4 +0.5, PALK, Pallekele, 13.82 269 eP, Pn, 22 59 44.7 +0.8, PALK, Pallekele, 13.82 269 eS, Pn, 22 59 43.3 -1.0, PALK, Pallekele, 13.82 269 ePn, Pn, 22 59 44.7 +0.8, PALK, Pallekele, 13.82 269 eS, Pn, 22 59 43.3 -1.0, KSI, Kapahiang, 13.92 145 P, Pn, 22 59 42.5 -1.0, DLV, Lat Lat, 14.24 72 ePn, P, 22 59 48.8 +0.2, LHSI, Lahat, 14.61 142 P, Pn, 22 59 55.4 +2.9, MNAI, Manna, 14.71 145 ePn, Pn, 22 59 51.4 -1.6, MNAI, Manna, 14.71 145 eS, Pn, 22 59 33.3 -2.5, CHLP, Challavanipeta, 14.76 317 ePn, IAmB, 22 59 52.6 -1.0, CHLP, comp=Z, 116nm, 0.9s, 23 02 29.4, CHLP, 23 02 39.0 +2.0, CHLP, 23 05 31.4, PPBI, Pangkal Pinang, 15.19 130 P, Pn, 23 00 01.9 +2.9, MDSI, Maura Dua, 15.53 142 P, Pn, 23 00 02.3 -0.4, PVM, Polavaram, 15.75 308 ePn, IAmB, 23 00 06.3 +0.7, PVM, comp=Z, 51nm, 0.8s, 23 02 55.2, PVM, 23 03 01.5 +2.1, PVM, 23 09 01.4, SKHT, Srikalahasti, 15.78 293 ePn, IAmB, 23 00 08.1 +2.1, SKHT, comp=Z, 17nm, 1.0s, 23 02 58.1, SKHT, 23 03 01.5 +1.5, LWLI, Liwa, 15.88 143 P, Pn, 23 00 15.8 +8.5, SLVN, Son La, 16.11 33 eP, Pn, 23 00 08.8 -0.4, ADKI, Addanki, 16.39 300 ePn, IAmB, 23 00 14.2 +1.0, ADKI, comp=Z, 249nm, 4.5s, 23 03 09.4, ADKI, 23 03 13.2 +0.4, ADKI, 23 07 05.3, KASI, Kota Agung, 16.54 143 P, Pn, 23 00 16.2 +1.2, KSM, Kuching, 16.86 111 iP, Pn, 23 00 19.3 +0.4, KSM, Kuching, 16.86 111 eP, Pn, 23 00 15.3 -2.0, RCLA, Racheria, 17.10 298 ePn, IAmB, 23 00 21.2 -0.5, RCLA, 23 00 22.1 +2.2, RCLA, 23 00 24.0

Table with columns: RCLA, 23 03 28.2 +1.2, RCLA, comp=Z, 513nm, 4.1s, eS, IVMS_BB, IVMS_BB, 23 06 31.0, NJS, Nagarijunasagar, 17.28 301 ePn, Pn, 23 03 23.9 +0.1, NJS, 23 03 20.7 +0.1, SRML, Srilaailam, 17.43 299 ePn, IAmB, 23 00 25.8 +0.2, SRML, comp=Z, 84nm, 1.4s, 23 03 35.3 +1.8, SRML, 23 03 08.8, SBUU, Sibiu, 18.32 106 iP, Pn, 23 00 35.5 -0.4, SBUU, 18.32 106 eP, Pn, 23 00 34.2 +1.0, HYB, Hyderabad, 18.33 303 iP, Pn, 23 00 35.0 -1.1, HYB, Hyderabad, 18.33 303 eP, Pn, 23 03 48.0 -3.4, HYB, Hyderabad (bro), 18.33 303 eP, IAmB, 23 00 35.2 -0.9, HYB, comp=Z, 40nm, 0.8s, 23 03 52.8 +1.4, HYB, 23 08 38.7, HYB, comp=Z, 444nm, 4.8s, 23 03 57.7 +3.3, URV, Uravakonda, 18.42 294 eP, IAmB, 23 00 35.9 -1.3, URV, 23 00 37.5, URV, comp=Z, 24nm, 0.6s, 23 03 52.0 -1.2, URV, 23 09 53.6, QIZ, Qiongzong, 18.48 52 P, P, 23 00 36.0 +1.1, QIZ, comp=Z, 91nm, 1.3s, 23 00 36.6 -1.2, QIZ, 23 00 35.9 +0.9, RPR, Rampur, 18.48 308 eP, IAmB, 23 00 40.2, RPR, comp=Z, 45nm, 0.8s, 23 03 57.7 +3.3, RPR, 23 08 34.5, STKI, Sintang, 18.49 114 P, Pn, 23 00 36.7 -1.3, KMI, Kuning, 18.83 23 P, S, 23 00 41.3 -0.9, KMI, 23 04 00.4 +2.4, KMI, comp=Z, 17nm, 1.1s, 23 04 11.2 +1.2, BTM, Bintulu, 18.93 103 iP, Pn, 23 00 42.1 -1.2, SRSP, Sriramsagar, 19.27 306 eP, IAmB, 23 00 44.7 +1.2, SRSP, 23 00 48.5, SRSP, comp=Z, 71nm, 0.9s, 23 04 11.2 +1.2, SRSP, 23 08 34.7, ODAN, Odare, 20.11 341 eP, P, 23 00 49.8 -2.8, KLRI, Killari, 20.27 302 eP, IAmB, 23 00 54.5 +0.2, KLRI, comp=Z, 19nm, 0.7s, 23 04 34.8 +5.3, KLRI, 23 07 51.6, RAMN, Ramite, 20.46 339 eP, Pn, 23 00 54.6 -1.8, TAPN, Tapejung, 20.47 342 eP, Pn, 23 00 53.6 -2.9, PKI, Pulchoki, 21.46 337 eP, P, 23 01 03.4 -3.5, PKIN, Pulchoki, 21.48 337 eP, P, 23 01 03.9 -3.0, KKM, Kota Kinabalu, 21.50 93 eP, Pn, 23 01 07.8 +0.7, GUN, Gunung, 21.60 339 eP, P, 23 01 04.6 -3.6, DMN, Daman, 21.62 337 eP, P, 23 01 05.3 -3.0, KKN, Kakan, 21.71 337 eP, P, 23 01 06.8 -2.4, GYA, Guiyang, 21.75 30 iP, pP, 23 01 10.1 +0.6, GYA, 23 01 48.3 +2.0, GYA, 23 02 15.6 +1.5, GYA, 23 04 53.0 -1.8, GYA, 23 08 17.0 -0.8, GYA, 23 08 39.4 -0.7, LSA, Lhasa, 21.97 352 P, P, 23 01 11.1 -0.9, LSA, Lhasa, 21.97 352 eS, pmax, 23 04 59.5 +0.5, LSA, comp=Z, 27nm, 0.8s, 23 01 10.1 -1.9, LSA, 21.97 352 eP, P, 23 01 10.1 -1.9, LSA, 21.97 352 eS, P, 23 01 59.5 +0.5, KDM, Kudat, 22.04 91 iP, P, 23 01 14.3 +2.1, GKN, Gorkha, 22.26 336 eP, P, 23 01 19.0 -2.5, KOLN, Koldanda, 22.39 334 eP, P, 23 01 13.9 -1.7, SDKM, Sandakan, 22.51 94 iP, P, 23 01 17.8 +1.1, TSM, Tawau, 23.98 97 iP, P, 23 01 24.7 +0.3, MYLDM, Lahad Datu, 23.86 95 iP, P, 23 01 31.0 +2.2, MYLDM, Lahad Datu, 23.86 95 eP, P, 23 01 30.6 +1.8, CD2, Chengdu, 24.47 19 P, PMZ, 23 01 34.1 -0.1, ENH, Enshi, 26.29 30 eP, P, 23 01 50.8 +0.2, TGY, Tagaytay City, 26.54 74 P, P, 23 01 53.5 +0.4, SZP, Santa, 26.94 67 eP, P, 23 01 57.8 +1.4, WHN, Wuhan, 29.16 37 iP, PMZ, 23 02 17.3 +1.3, XAN, Xi'an, 29.20 25 P, PMZ, 23 02 16.1 -0.3, XAN, comp=Z, 30nm, 0.9s, 23 02 19.8 +1.2, LUWI, Luwuk, 29.42 106 eP, P, 23 02 19.8 +1.2, TWG, Tagaytay City, 29.44 57 eP, P, 23 02 20.6 +0.0, SSLB, Suanglung, 29.78 55 eP, P, 23 02 23.4 +1.8, YULB, 29.88 56 eP, P, 23 02 25.0 +2.5, GTA, Gaotai, 31.76 8 eP, P, 23 02 39.9 +1.0, GTA, 23 03 23.3 +0.1, GTA, 23 03 46.3 -2.2, GTA, 23 05 25.8 +2.0, YOJ, Yonaguni jima, 31.76 55 eP, P, 23 02 40.9 +2.0, YOJ, 31.76 55 eP, P, 23 02 40.9 +2.0, NJ2, Nanjing, 32.97 40 eP, PMZ, 23 02 50.4 -0.1, KBL, Kabul, 35.48 322 eP, pmax, 23 03 11.1 -0.1, KBL, 35.48 322 eP, P, 23 03 11.1 -0.1, KSH, Kashi, 35.69 335 eP, pP, 23 04 18.3 -4.6, KSH, 23 04 40.3 -0.6, KSH, 23 08 27.6 -5.5, HHC, Hu-ho-hao-te, 36.15 22 eP, pP, 23 03 17.8 +1.2, HHC, 36.15 22 eP, pP, 23 04 05.8 +4.1, HHC, comp=Z, 32nm, 1.0s, 23 03 17.8 +1.2, WMQ, Urumqi, 36.33 352 P, P, 23 03 19.8 +1.7, WMQ, 23 04 02.8 -0.4, WMQ, 23 04 25.8 -2.5, WMQ, comp=Z, 11nm, 0.6s, 23 03 19.8 +1.7, WMQ, 23 04 25.8 -2.5, JOW, Kunigami, 37.06 55 P, P, 23 03 24.0 -0.4, JOW, comp=Z, 2.8nm, 0.7s, baz=272, slow=10, SNR=8.1

Table with columns: TAM, comp, Z, 9.0nm, 1.1s, pmax, pmax, 23 08 51.5 -1.0, etc. Lists various seismic stations and their parameters.

ISCJB 14 23:00:36.5±0.5, 37.84N±0.03±27.19E±0.04, h4km±6km, Error ellipse: s-maj=5.5km s-min=3.9km az=42.4, ISK 14 23:00:36.3, 37.82N±27.23E, h8km, MD2.7, CSEM 14 23:00:36.8±0.2, 37.82N±27.21E, h8km, MD2.7, Error ellipse: s-maj=5.1km s-min=4.6km az=52.0, DDA 14 23:00:36.5, 37.82N±27.20E, h7km, MD2.7, ISC 14 23:00:36.6±0.9, 37.82N±0.02±27.20E±0.02, h9km±7km, n29, c055/44, Turkey

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

Table with columns: YHNB, comp=Z, 2um, 1.4s, LR, LR, 23 06 04.9 -1.4, etc. Lists seismic stations and their parameters.

FRIM	Kepong	40.44 261	↑P	P	23 08 40.4	-1.9
IPM	Ipo	40.71 263	eP	P	23 08 44.5	-0.1
IPM	comp=Z,339nm,1.5s		LR	LR		
LAMP	Lampang	40.77 284	P	P	23 08 47.6	+2.6
PHET	Kaeng Krachan	40.83 276	P	P	23 08 48.3	+2.8
NKL	Nikolayevsk	40.85 359	iP	P	23 10 29.0	-2.1
NKL	comp=N,1µm,2.0s		eS	S	23 14 54.0	-0.4
NKL	comp=N,1µm,2.0s		pmax	pmax		
NKL	comp=N,6µm,6.0s		pmax	pmax		
NKL	comp=N,6µm,6.0s		pmax	pmax		
NKL	comp=N,19µm,16.0s		smax	smax		
NKL	comp=N,9µm,15.0s		MLR	MLR		
NKL	comp=N,15µm,15.0s		MLR	MLR		
KULM	Kulim	40.90 264	eP	P	23 08 46.6	+0.5
KULM	comp=Z,542nm,1.4s		eS	S	23 15 00.8	+4.6
UTHA	Uthaitani	40.90 280	P	P	23 08 48.7	+2.6
HIA	Hailar	41.10 338	eP	P	23 08 48.3	+1.0
HIA	comp=Z,821nm,2.2s		eP	pmax		
HIA	comp=Z,821nm,2.2s		MLR	MLR		
HIA	comp=Z,821nm,2.2s		eS	S	23 14 44.4	-1.4
HIA	comp=Z,821nm,2.2s		eS	LR		
SURA	Surathani	41.21 270	P	P	23 08 50.6	+1.9
SRDT	SRDT	41.24 278	P	P	23 08 51.6	+2.6
SRIT	Nakonsritamara	41.32 269	P	P	23 08 51.2	+1.6
TRIT	Trang	41.35 288	P	P	23 08 51.3	+1.5
LZH	Lanzhou	41.39 312	↑P	P	23 08 52.0	+1.9
LZH	comp=Z,499nm,1.0s,comp=Z,14µm		pP	pP	23 08 59.1	+0.5
LZH	comp=Z,499nm,1.0s,comp=Z,14µm		eP	eP	23 09 03.4	+1.4
LZH	comp=Z,499nm,1.0s,comp=Z,14µm		eS	S	23 15 10.0	+6.6
LZH	comp=Z,499nm,1.0s,comp=Z,14µm		SS	SS	23 18 11.5	+3.6
LZH	comp=Z,980nm,1.5s		PMZ			
LZH	comp=Z,6µm,4.0s		LN			
LZH	comp=Z,14µm,14.0s		LE			
LZH	comp=Z,43µm,15.2s		LZ			
CMAI	Chiangmai2	41.41 286	P	P	23 08 51.8	+1.3
CM31	Chiang Mai Arr	41.42 284	eP	P	23 08 50.8	+0.4
CMAR	Chiang Mai Arr	41.42 284	P	P	23 08 50.8	+0.4
CMAR	comp=Z,298nm,1.1s,baz=84,slow=5.5,SNR=245		P	P	23 40 58.5	-6.0
CMMT	Chiang Mai	41.43 285	P	P	23 08 51.7	+1.2
CHTO	Chiang Mai	41.44 285	P	P	23 08 51.8	+1.3
CHTO	Chiang Mai	41.44 285	eP	P	23 08 51.2	+0.7
CHTO	comp=Z,602nm,1.8s		eS	S	23 14 57.1	-7.1
CHTO	comp=Z,27µm,22.0s		eS	pmax		
CHTO	comp=Z,602nm,1.8s		MLR	MLR		
CHTO	comp=Z,27µm,22.0s		eS	S	23 14 57.1	-7.1
CHTO	comp=Z,27µm,22.0s		eS	LR		
UMPA	Umpang Tak	41.46 281	P	P	23 08 53.7	+3.0
MIDW	Midway	41.54 61	eP	P	23 08 48.9	-2.3
MIDW	comp=Z,71nm,1.0s		LR	LR		
MNAI	Manna	41.68 249	eP	P	23 08 51.1	-1.5
KRAB	Krabi	41.77 269	P	P	23 08 55.5	+2.2
BKN	Bangkinang	41.82 257	eP	P	23 08 54.1	+0.5
DZM	Mont Dzumac	41.95 144	eP	P	23 08 56.4	+1.8
DZM	comp=Z,246nm,1.1s		eS	S	23 15 04.4	-7.3
XMIS	Christmas Isla	42.13 239	eP	P	23 08 51.0	-5.1
MHMT	Maesariya	42.37 284	P	P	23 08 59.9	+1.7
PKDT	Phuket	42.67 268	P	P	23 09 02.7	+2.1
PETK	Petrovlovsk	42.82 14	P	P	23 09 01.0	-0.3
PEA2	Petrovlovsk	42.82 14	eP	P	23 09 01.0	-0.3
PET	Petrovlovsk	42.98 15	eP	P	23 09 01.5	-1.0
PET	comp=Z,383nm,1.5s		eS	S	23 15 21.7	-4.2
PET	comp=Z,383nm,1.5s		eS	SS	23 18 28.6	-1.0
PET	comp=Z,383nm,1.5s		pmax	pmax		
PET	comp=Z,8µm,7.9s		pmax	pmax		
PET	comp=Z,4µm,14.0s		MLR	MLR		
PET	comp=Z,18µm,21.0s		MLR	MLR		
PET	comp=Z,14µm,20.0s		MLR	MLR		
PET	comp=Z,842nm,1.5s		eS	S	23 09 03.0	+0.5
PSI	Prapat	43.16 261	eP	P	23 15 28.4	+2.4
PSI	comp=Z,372nm,1.2s		eP	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6
PSI	comp=Z,372nm,1.2s		eS	S	23 15 31.2	+1.3
PSI	comp=Z,372nm,1.2s		eS	pmax		
PSI	comp=Z,372nm,1.2s		eS	P	23 09 04.1	-0.6

FALS	LR	LR			
RCLA	comp=Z,24um,22.0s	60.62 281	eP	P	23 11 16.4 +1.6
RCLA	comp=Z,503nm,2.1s		IAMB	IAMB	23 11 17.2
RCLA			ePP	PP	23 13 28.1 -0.6
RCLA			eS	SS	23 19 29.5 -0.3
RCLA			eSS	SS	23 23 26.1 -2.5
RCLA			IVMs_BB	IVMs_BB	23 33 59.7
SRLM	comp=Z,5um,23.9s	60.62 282	eP	IAMB	23 11 14.6 -0.3
SRLM	comp=Z,590nm,1.9s		IAMB	IAMB	23 11 17.3
SRLM			ePP	PP	23 13 28.7 0.0
SRLM			eS	SS	23 19 31.5 +1.6
SRLM			eSS	SS	23 23 25.0 -3.0
SRLM			IVMs_BB	IVMs_BB	23 34 26.8
POHA	comp=Z,4um,20.6s	60.74 74	eP	P	23 11 14.0 -1.8
POHA	comp=Z,210nm,1.1s		LR	LR	
POHA	comp=Z,12um,22.0s	60.84 283	iP	P	23 11 16.0 -0.3
HYB			ePcP	PcP	23 12 03.0 +3.0
HYB			ePP	PP	23 13 35.0 +4.4
HYB			ePPP	PPP	23 14 50.0
HYB			eS	SS	23 19 32.0 -0.6
HYB			eScS	SKKSac	23 21 04.0 -2.0
HYB			eSS	SS	23 23 30.0 -2.0
HYB			eP	P	23 11 16.4 0.0
HYB			AMB	AMB	23 11 19.4
HYBB	comp=Z,252nm,2.5s	60.84 283	eP	IAMB	23 11 15.7 -0.6
HYBB	comp=Z,498nm,1.8s		IAMB	IAMB	23 11 18.7
HYBB			ePcP	PcP	23 12 00.4 +0.5
HYBB			ePP	PP	23 13 34.7 +4.1
HYBB			eS	SS	23 19 33.7 +1.1
HYBB			eSS	SS	23 23 33.5 +1.5
HYBB			IVMs_BB	IVMs_BB	23 34 22.3
ZALV	comp=Z,2um,23.2s	60.86 326	P	P	23 11 15.6 -0.2
ZALV	comp=Z,128nm,0.8s,baz=107,slo=5.9,SNR=146		P	P	23 10 34.0 -2.8
ZALV	comp=Z,0.7nm,0.6s,baz=291,slo=6,SNR=4.0		P	P	23 11 15.6 -0.2
ZAA1	comp=Z,2um,20.0s	60.86 326	eP	IAMB	23 11 15.3 -1.6
SRSP	comp=Z,2um,2.7s	60.93 285	eP	IAMB	23 11 19.1
SRSP			ePP	PP	23 13 31.9 +0.5
SRSP			eS	SS	23 19 34.4 +0.7
SRSP			eSS	SS	23 23 34.3 +0.9
SRSP			IVMs_BB	IVMs_BB	23 37 27.3
GAMB	comp=Z,3um,19.9s	60.96 22	eP	P	23 11 17.6 +1.3
GAMB	comp=Z,462nm,1.4s		LR	LR	
GAMB	comp=Z,25um,21.0s	61.08 298	eP	AMB	23 11 18.1 +0.3
DDI	comp=Z,656nm,4.5s	61.14 75	eP	P	23 11 18.9 +0.5
DDI	comp=Z,471nm,1.4s	61.31 94	eP	P	23 11 23.7 +4.1
STCH	comp=Z,28um,20.0s	61.31 94	eP	LR	23 11 23.0 +3.2
SNZO	comp=Z,875nm,1.6s	61.44 152	eP	P	23 11 23.0 +3.2
SNZO	comp=Z,54um,22.0s	61.59 290	eP	AMB	23 11 20.6 -0.7
BHPL	comp=Z,214nm,1.6s	61.67 150	eP	P	23 11 22.3 +0.8
BHPL	comp=Z,2um,1.8s		LR	LR	
BZFZ	comp=Z,44um,22.0s	61.81 154	eP	P	23 11 22.4 +0.1
KHZ	comp=Z,142nm,1.1s		LR	LR	
KHZ	comp=Z,3um,21.0s	61.84 156	eP	P	23 11 22.4 -0.1
RPZ	comp=Z,368nm,1.1s	61.88 299	eP	P	23 11 22.7 -0.3
SMLA	comp=Z,42um,21.0s		AMB	AMB	23 11 24.7
SMLA	comp=Z,740nm,5.1s	61.92 160	eP	P	23 11 23.8 +0.9
DCZ	comp=Z,115nm,1.0s		LR	LR	
DCZ	comp=Z,13um,20.0s	62.04 326	iP	P	23 11 24.2 +0.5
NVS	comp=Z,2um,2.0s		P	S	23 19 50.4 +3.9
NVS	comp=N,301nm,1.3s		pmx	pmx	
NVS	comp=E,619nm,1.3s		smx	smx	
NVS	comp=N,91nm,2.4s		smx	smx	
NVS	comp=E,570nm,3.4s		smx	smx	
SDPT	comp=Z,13um,20.0s	62.10 33	eP	P	23 11 24.0 -0.1
SDPT	comp=Z,552nm,2.1s	62.30 281	eP	IAMB	23 11 25.3 -0.9
URV	comp=Z,13um,19.0s		LR	LR	
URV	comp=Z,552nm,2.1s		ePP	PP	23 13 42.0 -1.5
URV			eS	SS	23 19 51.9 +0.7
URV			eSS	SS	23 23 55.3 +0.3
URV			IVMs_BB	IVMs_BB	23 34 49.8
WHZ	comp=Z,3um,26.4s	62.55 159	eP	P	23 11 27.2 0.0
WHZ	comp=Z,424nm,1.8s		LR	LR	
KLRI	comp=Z,13um,22.0s	62.65 284	eP	IAMB	23 11 27.3 -1.2
KLRI	comp=Z,1um,2.0s		ePP	PP	23 13 44.0 -2.6
KLRI			eS	SS	23 19 56.8 +1.3
KLRI			eSS	SS	23 24 01.2 +0.9
KLRI			IVMs_BB	IVMs_BB	23 35 57.8
DHRM	comp=Z,4um,20.8s	62.66 300	eP	AMB	23 11 28.1 -0.5
DHRM	comp=Z,650nm,4.2s		AMB	AMB	23 11 29.7
ODZ	comp=Z,151nm,1.4s	62.80 157	eP	P	23 11 32.0 +3.2
ODZ	comp=Z,20um,20.0s	62.83 312	iP	P	23 11 33.0 +1.0
AAA	comp=Z,10um,6.4s		iS	S	23 20 09.0 +6.9
AAA	comp=Z,10um,6.4s		pmx	pmx	
AAA	comp=E,22um,13.3s		smx	smx	
AAA	comp=Z,29um,21.0s	63.31 21	eP	MLR	23 11 32.5 +0.5
TNA	comp=Z,21um,21.0s		LR	LR	
TRD	comp=Z,2um,21.0s	63.46 273	eP	P	23 11 35.0 +1.0
KSH	comp=Z,4um,3.6s	63.48 308	iP	P	23 11 36.1 +2.3
KSH			eP	sP	23 13 49.8 +3.8
KSH			ePP	PP	23 13 58.6 +5.1
KSH			S	S	23 20 04.8 -0.6
KSH	comp=Z,260nm,1.3s		PMZ	PMZ	
KSH	comp=Z,4um,3.6s		PMZ	PMZ	
KSH	comp=Z,9um,19.0s		LN	LN	
KSH	comp=Z,18um,21.3s		LZ	LZ	
KSH	comp=Z,22um,27.8s		LZ	LZ	
CHGN	comp=Z,2um,27.8s	63.51 33	eP	P	23 11 33.9 +0.3
KURB	comp=Z,403nm,1.2s	63.54 321	eP	P	23 11 33.8 0.0

KURB	comp=Z,478nm,0.8s,baz=104,slo=7.0,SNR=633	63.54 321	eP	P	23 11 33.8 0.0
KURB	comp=Z,478nm,0.8s,baz=104,slo=7.0,SNR=633	63.57 321	eP	P	23 11 33.8 -0.2
KURB	comp=Z,0.3nm,0.3s,baz=268,slo=3.5,SNR=5.6		P	P	23 10 28.4 -4.1
ULHL	comp=Z,63.60 311	63.60 311	P	P	23 11 35.5 +0.9
TKM2	comp=Z,158nm,1.0s	64.16 312	eP	P	23 11 38.4 +0.1
TKM2	comp=Z,158nm,1.0s	64.16 312	eP	P	23 11 38.5 +0.1
TKM2	comp=Z,26um,20.0s		MLR	MLR	
TKM2	comp=Z,26um,20.0s	64.16 312	eP	P	23 11 38.5 +0.1
TKM2	comp=Z,158nm,1.0s		LR	LR	
KZA	comp=Z,26um,20.0s	64.31 311	P	P	23 11 40.4 +0.8
KBK	comp=Z,158nm,1.0s	64.60 311	P	P	23 11 41.1 0.0
CHMS	comp=Z,64.78 312	64.78 312	P	P	23 11 42.7 +0.5
FRU	comp=Z,17um,18.4s	64.86 312	eP	P	23 11 40.0 -2.7
FRU			e	e	23 11 44.0
FRU			iS	S	23 14 06.0
FRU			eSS	SS	23 20 25.0 +2.7
FRU			MLR	MLR	23 24 40.0 +6.0
FRU			MLR	MLR	
AAK	comp=Z,28um,18.0s	64.93 311	P	P	23 11 44.0 +0.7
AAK	comp=Z,200nm,1.3s	64.93 311	iP	P	23 11 43.0 -0.3
AAK	comp=Z,62um,20.0s	64.93 311	P	P	23 11 43.1 -0.3
AAK	comp=Z,649nm,1.2s,SNR=42	64.93 311	eP	P	23 11 43.9 +0.5
AAK	comp=Z,139nm,1.1s		LR	LR	
POO	comp=Z,29um,20.0s	65.00 312	P	P	23 11 44.1 +0.5
USP	comp=Z,29um,20.0s	65.21 285	eP	P	23 11 45.1 -0.3
EKS2	comp=Z,29um,20.0s	65.46 311	P	P	23 11 47.5 +0.7
EKS2	comp=Z,32um,20.0s	65.46 311	eP	MLR	23 11 47.4 +0.7
EKS2	comp=Z,32um,20.0s	65.46 311	eP	LR	23 11 47.4 +0.7
EKS2	comp=Z,32um,20.0s	65.46 311	eP	LR	23 11 47.4 +0.7
AML	comp=Z,151nm,1.1s	65.46 311	P	P	23 11 48.2 +1.1
GOA	comp=Z,151nm,1.1s	65.54 282	eP	P	23 11 46.7 -0.8
SVW2	comp=Z,151nm,1.1s	66.44 28	eP	P	23 11 52.3 -0.3
OHAK	comp=Z,377nm,1.2s	66.48 33	eP	P	23 11 52.8 0.0
OHAK	comp=Z,19um,21.0s	66.84 26	LR	LR	23 12 10.0 +1.5
TTA	comp=Z,35um,22.0s	66.99 32	P	P	23 11 55.7 -0.3
TTA	comp=Z,151nm,1.1s,baz=146,slo=2.4,SNR=12	66.99 32	eP	P	23 11 57.5 +1.5
KDAK	comp=Z,151nm,1.1s	66.99 32	eP	P	23 11 57.8 +1.8
KDAK	comp=Z,904nm,1.3s,SNR=7.1	66.99 32	eP	P	23 11 56.9 +0.9
KDAK	comp=Z,287nm,1.2s		LR	LR	
KDAK	comp=Z,1um,20.0s	67.59 29	eP	P	23 12 00.4 +0.4
RSO	comp=Z,1um,20.0s	67.59 29	eP	P	23 12 02.1 0.0
KKAR	comp=Z,1um,20.0s	67.89 312	eP	P	23 12 02.1 0.0
KKAR	comp=Z,1um,20.0s	67.89 312	eP	P	23 12 02.1 0.0
HOM	comp=Z,1um,20.0s	67.92 30	P	P	23 12 10.0 +8.1
HOM	comp=Z,15um,21.0s	68.07 169	eP	P	23 12 07.9 +5.1
MCQ	comp=Z,15um,21.0s	68.07 169	eP	P	23 12 07.9 +5.1
MCQ	comp=Z,20um,2.0s		LR	LR	
CNPM	comp=Z,16um,22.0s	68.09 30	P	P	23 12 20.0 +1.7
CNPM	comp=Z,16um,22.0s	68.11 29	eP	P	23 12 03.4 +0.3
SPU	comp=Z,357nm,1.3s	68.32 30	eP	P	23 12 04.3 -1.7
BRLL	comp=Z,13um,22.0s	68.32 30	eP	P	23 12 04.3 -0.2
BRLL	comp=Z,529nm,1.5s	68.50 27	eP	P	23 12 06.2 +0.4
PPLA	comp=Z,232nm,1.1s	68.69 26	eP	P	23 12 03.9 -0.2
PPLA	comp=Z,232nm,1.1s	68.69 26	eP	P	23 12 06.1 -0.7
CAST	comp=Z,35um,21.0s	68.72 290	eP	P	23 12 06.8 -0.8
BHJU	comp=Z,35um,21.0s	68.75 23	eP	P	23 12 06.2 -0.8
IM04	comp=Z,35um,21.0s	68.75 23	eP	P	23 12 06.2 -0.8
IM04	comp=Z,35um,21.0s	68.75 23	eP	P	23 12 06.2 -0.8
KBL	comp=Z,264nm,1.3s	68.78 302	eP	P	23 12 07.6 -0.4
KBL	comp=Z,264nm,1.3s		MLR	MLR	
KBL	comp=Z,15um,22.0s	68.78 302	eP	P	23 12 07.6 -0.4
KBL	comp=Z,264nm,1.3s		ePP	PP	23 14 32.3 -7.8
KBL	comp=Z,264nm,1.3s		LR	LR	
SUA	comp=Z,15um,22.0s	68.79 28	eP	P	23 12 07.7 +0.3
SUA	comp=Z,881nm,1.9s		LR	LR	
BVAR	comp=Z,24um,22.0s	68.98 322	P	P	23 12 08.7 0.0
BVAR	comp=Z,159nm,0.5s,baz=115,slo=9.5,SNR=216	69.05 322	iP	P	23 12 04.5 +1.1
BVAR	comp=Z,2.1nm,0.9s,baz=207,slo=3.0,SNR=7.3	69.05 322	iP	P	23 12 08.6 -0.5
BRVK	comp=Z,1um,1.5s		pmx	pmx	
BRVK	comp=Z,3um,1.4s	69.05 322	eP	P	23 12 09.7 +0.6
BRVK	comp=Z,1um,1.4s	69.05 322	eP	P	23 12 09.0 -0.1
BRVK	comp=Z,1um,1.4s		eP	P	23 12 09.0 -0.1
BRVK	comp=Z,1um,1.4s		eP	P	23 12 09.0 -0.1
SEW	comp=Z,43um,20.0s	69.10 30	eP	P	23 12 09.2 -0.1
SEW	comp=Z,521nm,1.3s		LR	LR	
SEW	comp=Z,18um,21.0s	69.18 29	eP	P	23 12 09.4 -0.4
RC01	comp=Z,197nm,1.1s		LR	LR	
RC01	comp=Z,24um,22.0s	69.34 26	eP	P	23 12 10.2 -0.6
BPAW	comp=Z,24um,22.0s		LR	LR	
BPAW	comp=Z,35um,21.0s	69.48 26	eP	P	23 12 11.8 0.0
TRF	comp=Z,173nm,1.0s		LR	LR	
TRF	comp=Z,33um,21.0s	69.57 29	eP	P	23 12 11.6 -0.5
PMR	comp=Z,120nm,0.9s		pmx	pmx	
PMR	comp=Z,29um,22.0s	69.57 29	eP	P	23 12 11.6 -0.5
PMR	comp=Z,120nm,0.9s		LR	LR	
PMR	comp=Z,29um,22.0s	69.57 29	eP	P	23 12 11.6 -0.5
PMR	comp=Z,29um,22.0s	69.57 29	eP	P	23 12 11.6 -0.5
MLY	comp=Z,27um,21.0s	69.99 28	eP	P	23 12 14.2 -0.6
SML	comp=Z,403nm,1.2s		pmx	pmx	
SML	comp=Z,403nm,1.2s		MLR	MLR	

SML	comp=Z,27um,21.0s	69.99 28	eP	P	23 12 14.2 -0.6
SML	comp=Z,440nm,1.2s		LR	LR	
SML	comp=Z,27um,21.0s	70.01 26	eP</		

KIV	comp=Z,15um,22.0s	87.86 314 P	P	23 13 53.8 +0.6
KIV	comp=Z,191nm,1.8s,SNR=13	87.86 314 //P	P	23 13 51.7 -1.5
KIV	SNR=5	87.86 314 eP	P	23 13 53.2 0.0
KIV	comp=Z,79nm,1.2s	87.86 314 eP	PP	23 17 15.4 -3.6
LPSR	comp=Z,13um,19.0s	87.89 323 eP	LR	23 13 52.3 -0.7
LPSR	comp=Z,170nm,1.6s	87.89 323 eP	pmax	23 17 19.9
LPSR	comp=N,30nm,1.0s	87.89 323 eP	pmax	
LPSR	comp=E,90nm,1.5s	87.89 323 eP	pmax	
LPSR	comp=Z,600nm,2.7s	87.89 323 eP	pmax	
LPSR	comp=N,280nm,3.1s	87.89 323 eP	pmax	
LPSR	comp=E,960nm,4.9s	87.89 323 eP	MLR	
LPSR	comp=Z,16um,21.0s	87.89 323 eP	MLR	
LPSR	comp=N,11um,26.0s	87.89 323 eP	MLR	
LPSR	comp=E,8um,17.0s	87.93 312 P	P	23 13 52.4 -1.3
AKH	Akhalkalaki	87.93 312 //P	SKSac	23 24 22.9 +1.5
AKH	Akhalkalaki	87.93 312 //P	SS	23 13 54.3 +0.6
MOD	Modoc	87.97 48 PFAKE	LR	23 14 10.0 +1.6
VOR	comp=Z,10um,20.0s	87.99 323 eP	P	23 13 51.0 -2.4
VOR	comp=Z,300nm,1.8s	87.99 323 eP	pmax	
NEY	Neytrino	88.02 314 //P	P	23 13 52.6 -1.4
G08A	Pilot Rock	88.04 44 eP	P	23 13 53.5 -0.5
G08A	comp=Z,118nm,1.6s	88.04 44 eP	LR	
VORD	comp=Z,10um,21.0s	88.16 322 eP	P	23 13 52.9 -1.4
VORD	comp=Z,120nm,1.6s	88.16 322 eP	pmax	
VORD	comp=N,7.0nm,0.5s	88.16 322 eP	pmax	
VORD	comp=E,30nm,1.1s	88.16 322 eP	pmax	
VORD	comp=Z,1um,2.6s	88.16 322 eP	pmax	
VORD	comp=N,950nm,7.3s	88.16 322 eP	pmax	
VORD	comp=E,2um,7.8s	88.16 322 eP	MLR	
VORD	comp=Z,6um,22.0s	88.16 322 eP	MLR	
VORD	comp=N,4um,16.0s	88.16 322 eP	MLR	
VSR	comp=E,4um,14.0s	88.16 322 eP	P	23 13 53.3 -1.0
VSR	comp=Z,170nm,1.5s	88.16 322 eP	pmax	
VSR	comp=N,20nm,1.3s	88.16 322 eP	pmax	
VSR	comp=E,50nm,1.1s	88.16 322 eP	pmax	
VSR	comp=Z,460nm,1.5s	88.16 322 eP	pmax	
VSR	comp=N,560nm,3.1s	88.16 322 eP	pmax	
VSR	comp=E,700nm,2.6s	88.16 322 eP	MLR	
VSR	comp=Z,17um,27.0s	88.16 322 eP	MLR	
VSR	comp=N,8um,18.0s	88.16 322 eP	MLR	
KTK1	Kautokoine	88.33 341 eP	P	23 13 52.1 -2.6
SAO	San Andreas Ge	88.37 53 eP	pmax	23 13 54.7 -0.9
SAO	comp=Z,109nm,1.8s	88.37 53 eP	MLR	
SAO	comp=Z,7um,20.0s	88.44 326 P	P	23 13 54.0 -1.4
OBN	Obninsk	88.44 326 //P	P	23 13 53.2 -2.3
OBN	comp=Z,59nm,1.0s,baz=57,slow=3.1,SNR=43	88.44 326 //P	P	23 17 19.5
OBN	comp=Z,284nm,1.7s	88.44 326 //P	SKSac	23 24 19.9 -2.6
OBN	comp=Z,30um,22.0s	88.44 326 //P	SS	23 20 26.2 -2.7
OBN	comp=Z,59nm,1.6s,SNR=12	88.44 326 eP	LR	23 13 54.1 -1.4
NEW	Newport	88.44 41 P	P	23 13 54.7 -1.1
NEW	comp=Z,10nm,1.0s,baz=274,slow=4.9,SNR=13	88.44 41 eP	pmax	23 13 55.5 -0.3
NEW	comp=Z,91nm,1.6s	88.44 41 eP	MLR	
NEW	comp=Z,9um,21.0s	88.44 41 P	P	23 13 55.1 -0.7
NEW	comp=Z,91nm,1.6s	88.44 41 eP	P	23 13 55.5 -0.3
CHVG	Ch'k valeri	88.61 313 P	P	23 13 56.1 -0.6
LRV	Little Rabbit	88.78 53 eP	P	23 14 00.1 +2.5
CMB	Columbia Colle	88.87 51 eP	pmax	23 13 58.1 0.0
CMB	comp=Z,66nm,1.3s	88.87 51 eP	MLR	
CMB	comp=Z,8um,20.0s	88.87 51 eP	P	23 13 58.1 0.0
RKT	Rikitea	88.90 114 eS	S	23 14 00.2 +1.9
RKT	comp=Z,196nm,1.2s	88.90 114 eS	S	23 24 44.2 -0.5
RKT	comp=Z,3um,26.5s	88.90 114 eS	SS	23 30 39.5 +1.6
RKT	comp=Z,6um,25.2s	88.90 114 eLR	LR	23 42 17.2
RKT	comp=Z,28um,28.5s,baz=286	88.90 114 eT	T	00 52 09.4
F10A	Beach Ranch, E	89.03 43 eP	P	23 13 58.1 -0.5
F10A	comp=Z,166nm,1.9s	89.03 43 eP	LR	
WVOR	Wild Horse Val	89.03 47 eP	P	23 13 58.2 -0.6
WVOR	comp=Z,178nm,1.5s	89.03 47 eP	MLR	
WVOR	comp=Z,14um,20.0s	89.03 47 eP	P	23 13 58.2 -0.6
WVOR	comp=Z,14um,20.0s	89.03 47 eP	LR	
EDM	Edmonton	89.20 35 eP	pmax	23 13 59.7 +0.5
EDM	comp=Z,234nm,1.8s	89.20 35 eP	MLR	
EDM	comp=Z,9um,20.0s	89.20 35 eP	P	23 13 59.7 +0.5
EDM	comp=Z,234nm,1.8s	89.20 35 eP	PP	23 17 18.4 -1.1

TRO	comp=Z,9um,20.0s	89.28 343 eP	P	23 13 55.1 -4.1
TRO	Tromso	89.28 343 eP	SKSac	23 24 24.2 -2.8
TRO	Vanda	89.28 343 eP	IVMs_BB	23 56 42.1
WAKR	Walker	89.48 51 eP	P	23 14 01.4 +0.3
PUL	Pulkovo	89.86 332 //P	P	23 14 01.4 -0.6
PUL	comp=Z,250nm,1.2s	89.86 332 //P	pmax	
PUL	comp=Z,30um,23.0s	89.86 54 P	MLR	23 14 01.9 -0.8
SMMC	Simmler	89.86 54 P	P	23 14 00.8 -2.5
SOC	Sochi	90.03 315 //P	ePPP	23 24 28.9 -3.6
SOC	Santa Barbara	90.03 315 //P	eSS	23 30 57.6 +4.8
SOC	comp=Z,30nm,1.0s	90.03 315 //P	pmax	
SOC	comp=Z,20um,17.0s	90.06 41 eP	MLR	23 14 04.2 +0.6
BSMT	Bassoo Peak	90.11 54 P	P	23 14 03.8 -0.3
PKM	Peak Mountain	90.16 52 P	P	23 14 04.1 -0.3
MLAC	Mammoth Lakes	90.16 52 P	P	23 14 03.9 -0.3
RCTC	Rector, Farmer	90.20 53 P	P	23 14 05.3 +1.1
WALA	Waterton Lakes	90.23 40 eP	P	23 17 37.6 -0.2
WALA	comp=Z,495nm,2.7s	90.23 40 eP	PP	23 14 05.7 +0.9
SBC	Santa Barbara	90.32 176 P	P	23 14 03.1 -0.7
VNDA	Vanda	90.32 176 P	P	23 14 04.3 +0.6
VNDA	comp=Z,13nm,1.1s,baz=324,slow=5.5,SNR=29	90.32 176 eP	pmax	
VNDA	comp=Z,145nm,1.5s	90.32 176 eP	MLR	23 14 04.3 +0.6
VNDA	comp=Z,10um,18.0s	90.32 176 eP	P	23 14 04.3 +0.6
VNDA	comp=Z,145nm,1.5s	90.32 176 eP	PP	23 17 30.1 -8.0
NV01	Nina Array Sit	90.35 51 eP	P	23 14 04.0 -1.2
NVAR	Mina Array Bea	90.35 51 P	P	23 14 04.0 -1.2
DAG	Danmarks Havn	90.42 356 //P	P	23 14 03.0 -1.4
DAG	comp=Z,4.2nm,0.7s,baz=266,slow=5.1,SNR=30	90.42 356 //P	pmax	
DAG	comp=Z,150nm,1.3s	90.42 356 //P	MLR	23 14 03.0 -1.4
YES	Vestal, Richgr	90.45 53 P	P	23 14 04.8 -0.5
BSC	Santa Cruz Isl	90.49 55 P	P	23 14 05.3 -0.4
BMN	Battle Mountai	90.60 48 eP	P	23 14 06.0 -0.2
BMN	comp=Z,111nm,1.7s	90.60 48 eP	pmax	23 17 38.6
BMN	comp=Z,11um,20.0s	90.60 48 eP	MLR	23 14 06.0 -0.2
BMN	comp=Z,111nm,1.7s	90.60 48 eP	PP	23 17 38.6 -2.5
SWMT	Swartz Lake	90.68 41 eP	P	23 14 06.8 +0.5
SWMT	comp=Z,9nm,1.3s	90.68 41 eP	PP	23 17 41.7 +0.3
MFID	Camas Ranch	90.73 45 eP	P	23 14 02.7 -0.5
MFID	comp=Z,148nm,1.5s	90.73 45 eP	LR	
TIN	Tinemahia	90.79 52 P	P	23 14 06.3 -0.7
ARVC	Arvin	90.83 54 P	P	23 14 06.4 -0.7
BLG	Laguna Peak	90.92 55 P	P	23 14 06.6 -1.1
MSO	Missoula	90.93 42 P	P	23 14 06.6 -1.0
MSO	comp=Z,51nm,1.8s	90.93 42 eP	P	23 14 11.9 +4.4
ISA	Isabella	90.97 53 eP	P	23 14 09.2 +1.3
ISA	comp=Z,152nm,2.2s	90.97 53 eP	pmax	
ISA	comp=Z,7um,21.0s	90.97 53 P	MLR	23 14 07.1 -0.8
ISA	Isabella	90.97 53 eP	P	23 14 09.2 +1.3
ISA	comp=Z,152nm,2.2s	90.97 53 eP	LR	
FIAO	FINESS Array S	91.00 334 eP	P	23 14 05.1 -2.2
FIAO	FINESS Array S	91.00 334 eP	P	23 14 05.1 -2.2
FIAO	FINESS Array B	91.00 334 eP	P	23 14 05.1 -2.2
FINES	comp=Z,26nm,0.5s,baz=86,slow=5.3,SNR=156	91.00 334 eP	PKKpbc	23 31 33.6 +0.3
SBA	Scott Base	91.03 175 eP	pmax	23 14 08.6 +1.6
SBA	comp=Z,441nm,1.8s	91.03 175 eP	MLR	23 14 08.6 +1.6
SBA	comp=Z,10um,21.0s	91.03 175 eP	P	23 14 08.6 +1.6
SBA	comp=Z,441nm,1.8s	91.03 175 eP	LR	
OSI	Osito Adit	91.06 54 P	P	23 14 08.1 -0.2
OSI	comp=Z,10um,21.0s	91.06 54 P	P	23 14 08.1 -0.2
OSI	Osito Adit	91.06 54 PFAKE	LR	23 14 20.0 +1.2
CWC	Cottonwood Cre	91.07 52 P	P	23 14 07.7 -0.8
SLMT	Seeley Lake	91.09 41 eP	PP	23 14 09.3 +1.0
ANN	Anapa	91.23 316 //P	P	23 14 06.0 -2.8
ANN	comp=Z,142nm,2.2s	91.23 316 //P	SKSac	23 24 34.9 -4.4
ANN	comp=Z,92nm,1.4s	91.23 316 //P	eSS	23 31 18.5 +8.5
ANN	comp=Z,92nm,1.4s	91.23 316 //P	eSSS	23 34 48.4
ANN	comp=Z,142nm,2.2s	91.23 316 //P	pmax	
TPH	Tonopah	91.27 51 eP	P	23 14 09.7 +0.3
TPH	comp=Z,92nm,1.4s	91.27 51 eP	pmax	
TPH	comp=Z,9um,20.0s	91.27 51 eP	MLR	23 14 09.7 +0.3
TPH	comp=Z,92nm,1.4s	91.27 51 eP	LR	
CHMT	Chamberlain Mo	91.35 41 eP	P	23 14 09.4 -0.2
STEI	Steigen	91.38 342 eP	P	23 14 08.9 -0.1
GRAC	Grapevine Rang	91.46 52 P	P	23 14 10.8 +0.7
DECC	Green Verdugo	91.47 55 P	P	23 14 09.4 -0.8
DACC	Darwin (Calif)	91.49 53 PFAKE	LR	23 14 20.0 +1.0
EDW2	Edwards Air Fo	91.56 54 P	P	23 14 10.2 -0.5
PASC	Pasadena Art C	91.60 55 eP	P	23 14 13.3 +2.5
PASC	comp=Z,193nm,2.0s	91.60 55 eP	eP	23 14 21.1 +1.1
PASC	comp=Z,6um,20.0s	91.63 53 P	LR	23 14 10.5 -0.6
MPMC	Manus Prosep	91.63 53 P	P	23 14 10.5 -0.6
SCI	San Clemente I	91.63 56 P	P	23 14 10.7 -0.2
CIS	Catalina Islan	91.64 55 P	P	23 14 10.2 -0.7

LRMC	Laurel Mountai	91.64 53 P	P	23 14 10.6 -0.5
FMP	Fort Macarthur	91.64 55 P	P	23 14 10.3 -0.6
HLID	Hailey	91.66 45 P	P	23 14 10.7 -0.4
HLID	comp=Z,31nm,1.2s	91.66 45 eP	P	23 14 10.5 -0.6
HLID	comp=Z,6um,20.0s	91.69 55 eP	LR	23 14 13.9 +2.5
MWC	Mount Wilson	91.69 55 eP	pmax	23 14 13.9 +2.5
MWC	comp=Z,245nm,1.9s	91.69 55 eP	MLR	23 14 13.9 +2.5
MWC	comp=Z,8um,21.0s	91.69 55 eP	P	23 14 13.9 +2.5
MWC	comp=Z,245nm,1.9s	91.69 55 eP	LR	
ELK	Elko	91.95 48 eP	P	23 14 13.4 +0.8
ELK	comp=Z,30nm,1.2s	91.95 48 eP	pmax	
ELK	comp=Z,30nm,1.2s	91.95 48 eP	P	23 14 13.4 +0.8
FURC	Furnace Creek,	92.00 52 P	P	23 14 12.5 0.0
BFSO	Mount Baldy Ra	92.00 54 P	P	23 14 11.9 -0.9
VSU	Vasula	92.09 331 eP	P	23 14 09.8 -2.6
VSU	comp=Z,166nm,1.2s	92.09 331 eP	pmax	
VSU	comp=Z,55um,18.0s	92.24 42 eP	MLR	23 14 14.1 +0.3
LRM	Limekiln Ridge	92.24 42 eP	P	23 14 13.3 -0.6
DLMT	Dillon	92.30 43 eP	LR	
MCMT	McKenzie Canyo	92.31 43 eP	P	23 14 14.8 +0.7
MCMT	comp=Z,7um,22.0s	92.31 43 eP	PP	23 17 55.0 +0.4
TPNV	Topopah Spring	92.33 52 eP	pmax	23 14 15.1 +0.7
TPNV	comp=Z,65nm,1.4s	92.33 52 eP	MLR	
TPNV	comp=Z,6um,20.0s	92.33 52 P	P	23 14 13.2 -1.2
TPNV	comp=Z,65nm,1.4s	92.33 52 eP	P	23 14 15.1 +0.7
TPNV	comp=Z,6um,20.0s	92.33 52 eP	LR	
TPNV	comp=Z,65nm,1.4s	92.33 52 eP	P	23 14 15.1 +0.7
TPNV	comp=Z,6um,20.0s	92.34 41 eP	P	23 14 14.2 +0.1
HRY	Holler Researc	92.35 54 P	P	23 14 13.3 -0.9
RRX	Edison Barstow	92.35 54 P	P	23 14 13.3 -0.9
GSC	Goldstone	92.38 53 eP	P	23 14 15.2 +0.7
GSC	comp=Z,56nm,1.2s	92.38 53 eP	pmax	
GSC	comp=Z,6um,20.0s	92.38 53 P	MLR	
GSC	comp=Z,6um,20.0s	92.38 53 P	P	23 14 13.5 -1.0
GSC	comp=Z,6um,20.0s	92.38 53 eP	P	23 14 15.2 +0.7
GSC	comp=Z,56nm,1.2s	92.38 53 eP	LR	
R11A	Troy Canyon, C	92.42 50 P	P	23 14 13.8 -0.9
R11A	Troy Canyon, C	92.42 50 eP	P	23 14 15.0 +0.2
R11A	comp=Z,111nm,1.9s	92.42 50 eP	LR	
MALT	Malatya	92.53 310 //P	P	23 14 14.0 -1.1
MALT	Malatya	92.53 310 //P	P	23 14

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Trend, Elevation Trend, Azimuth Stability, Elevation Stability, Azimuth Consistency, Elevation Consistency, Azimuth Reliability, Elevation Reliability, Azimuth Availability, Elevation Availability, Azimuth Usability, Elevation Usability, Azimuth Suitability, Elevation Suitability, Azimuth Feasibility, Elevation Feasibility, Azimuth Viability, Elevation Viability, Azimuth Sustainability, Elevation Sustainability, Azimuth Resilience, Elevation Resilience, Azimuth Robustness, Elevation Robustness, Azimuth Flexibility, Elevation Flexibility, Azimuth Adaptability, Elevation Adaptability, Azimuth Scalability, Elevation Scalability, Azimuth Portability, Elevation Portability, Azimuth Transferability, Elevation Transferability, Azimuth Interoperability, Elevation Interoperability, Azimuth Compatibility, Elevation Compatibility, Azimuth Conformability, Elevation Conformability, Azimuth Adaptability, Elevation Adaptability, Azimuth Scalability, Elevation Scalability, Azimuth Portability, Elevation Portability, Azimuth Transferability, Elevation Transferability, Azimuth Interoperability, Elevation Interoperability, Azimuth Compatibility, Elevation Compatibility, Azimuth Conformability, Elevation Conformability.

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Trend, Elevation Trend, Azimuth Stability, Elevation Stability, Azimuth Consistency, Elevation Consistency, Azimuth Reliability, Elevation Reliability, Azimuth Availability, Elevation Availability, Azimuth Usability, Elevation Usability, Azimuth Suitability, Elevation Suitability, Azimuth Feasibility, Elevation Feasibility, Azimuth Viability, Elevation Viability, Azimuth Sustainability, Elevation Sustainability, Azimuth Resilience, Elevation Resilience, Azimuth Robustness, Elevation Robustness, Azimuth Flexibility, Elevation Flexibility, Azimuth Adaptability, Elevation Adaptability, Azimuth Scalability, Elevation Scalability, Azimuth Portability, Elevation Portability, Azimuth Transferability, Elevation Transferability, Azimuth Interoperability, Elevation Interoperability, Azimuth Compatibility, Elevation Compatibility, Azimuth Conformability, Elevation Conformability.

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Trend, Elevation Trend, Azimuth Stability, Elevation Stability, Azimuth Consistency, Elevation Consistency, Azimuth Reliability, Elevation Reliability, Azimuth Availability, Elevation Availability, Azimuth Usability, Elevation Usability, Azimuth Suitability, Elevation Suitability, Azimuth Feasibility, Elevation Feasibility, Azimuth Viability, Elevation Viability, Azimuth Sustainability, Elevation Sustainability, Azimuth Resilience, Elevation Resilience, Azimuth Robustness, Elevation Robustness, Azimuth Flexibility, Elevation Flexibility, Azimuth Adaptability, Elevation Adaptability, Azimuth Scalability, Elevation Scalability, Azimuth Portability, Elevation Portability, Azimuth Transferability, Elevation Transferability, Azimuth Interoperability, Elevation Interoperability, Azimuth Compatibility, Elevation Compatibility, Azimuth Conformability, Elevation Conformability.

14d 23h

Table with columns for ID, Name, Date, Time, and various status codes. Includes entries like I25A Rochford, B28A Dugan Ranch, PHWY Pilot Hill, etc.

2010 AUG

Table with columns for ID, Name, Date, Time, and various status codes. Includes entries like SDCO Great Sand Dun, J27A Elkhorn Farm, M26A McRoberts Ranc, etc.

826

Table with columns for ID, Name, Date, Time, and various status codes. Includes entries like J30A Dallas, MMB Musomiste, T26A Comanche Natio, etc.

14d 23h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like TUL1, W36A, Y35A, etc.

2010 AUG

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like SFIN, 339A, PBMO, etc.

828

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like TIGA, TIGA, PBRG, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like PSMN Pico do Norte, PSMN Pico do Norte, PSMN Santa Maria, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SAML Ascension, ASCN Ascension, PTGA Pitinga, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like STKA Stephens Creek, SONM Songino Array, YAK Yakutsk, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like BART Pico Bartolome, PSMN Pico do Norte, PSMA Santa Maria, etc.

IDC 14 23:55:44.8.2.7, 12°14'N-141°33'E, h0km, mb3.9/5, mb1.4/1.5, mb1mx3.7/3.3, mbtmp3.9/5, Error ellipse: s-maj=87.8km s-min=23.9km az=76.0, South of Mariana Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, etc.

IDC 15 00:01:10.3.3.9, 12°20'N-141°71'E, h0km, mb3.6/4, mb1.3/8.4, mb1mx3.5/2.4, mbtmp3.6/4, Error ellipse: s-maj=112.3km s-min=29.6km az=71.0, South of Mariana Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, etc.

IDC 15 00:02:05.0.0.6, 12°46'N-141°54'E, h0km, mb4.0/15, mb1.4/2.17, mb1mx4.0/3.0, mbtmp4.0/17, ML3.9/2, Error ellipse: s-maj=22.2km s-min=15.8km az=83.0

NEIC 15 00:02:06.3.0.3, 12°46'N-141°56'E, h10km, mb4.4/3, Error ellipse: s-maj=11.1km s-min=7.2km az=88.0

ISCJB 15 00:02:07.9.0.5, 12°41'N-141°07.141.6E:0.1, h33km, mb4.0/18, Error ellipse: s-maj=14.7km s-min=9.6km az=178.7

ISC 15 00:02:09.6.0.6, 12°45'N-141°16E:0.1, h33km, n23, <095/24, mb4.0/18, South of Mariana Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like GUMO Guam, GUMO Guam, JAY Jayapura, etc.

IDC 15 00:06:59.0.1.4, 12°56'N-141°82'E, h0km, mb3.6/6, mb1.3/8/6, mb1mx3.6/2.5, mbtmp3.6/6, Error ellipse: s-maj=47.9km s-min=24.4km az=86.0

ISCJB 15 00:07:02.0.1.2, 12°6'N:0.1x141°8E:0.3, h33km, mb3.6/6, Error ellipse: s-maj=39.3km s-min=20.5km az=176.2

ISC 15 00:07:03.9.1.3, 12°6'N:0.2x141°8E:0.3, h33km, n6, <085/6, mb3.6/6, South of Mariana Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, etc.

IDC 15 00:22:33.0.3.9, 12°31'N-141°65'E, h0km, mb4.1/9, mb1.4/3/9, mb1mx4.0/2.4, mbtmp4.1/9, Error ellipse: s-maj=36.0km s-min=17.6km az=80.0

ISC 15 00:22:37.0.8, 12°3N:0.1x141°8E:0.1, h33km, n11, <101/11, mb4.3/9, South of Mariana Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like GUMO Guam, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, STKA Stephens Creek, SONM Songo Array, etc.

SJA 15 00:25:13.4.0.4, 31°47'S-68°44'W, h108km, 2km, ML2.0, MW4.2, San Juan Province

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like RTLL Cerro Villucun, RTCV Cerro Valdivia, AMOG Mogna, etc.

IDC 15 00:40:10.1.3.3, 12°37'N-141°86'E, h0km, mb3.7/5, mb1.3/9.5, mb1mx3.6/2.5, mbtmp3.7/5, Error ellipse: s-maj=150.2km s-min=24.9km az=82.0, South of Mariana Islands

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

IDC 15 00:46:39.7.9, 12°23'N-141°69'E, h0km, mb3.4/3, mb1.3/8/3, mb1mx3.4/2.9, mbtmp3.4/3, Error ellipse: s-maj=316.8km s-min=31.0km az=78.0, South of Mariana Islands

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

CSEM 15 00:59:06.5, 43°20'N-132°8'E, h24km, ML1.5/5, ROM 15 00:59:06.5-0.2, 43°20'N-132°8'E, h24km, 2km, MI1.5/5, Error ellipse: s-maj=1.6km s-min=1.1km az=109.0, Central Italy

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

CSEM 15 00:59:17.9, 43°21'N-132°9'E, h24km, ML2.1/2, ROM 15 00:59:17.9-0.2, 43°21'N-132°9'E, h24km, 2km, Md2.1/2, Error ellipse: s-maj=1.7km s-min=1.2km, az=111.0, Central Italy

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like MURB Monte Urbino, MURB Monte Urbino, FSSB Fossombrone, etc.

IDC 15 01:00:59.6.9.8, 30°19'S-177°52'W, h33km, 65km, mb3.7/4, mb1.3/8/4, mb1mx3.6/1.7, mbtmp3.9/4, Error ellipse: s-maj=63.3km s-min=33.0km az=14.0

ISC 15 01:00:59.8.2.9, 30°25'N:0.1x177°4W:0.4, h35km, n6, <086/7, mb4.0/4, Kermadec Islands

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

IDC 15 01:02:41.3.1.4, 12°16'N-140°38'E, h0km, mb3.7/8, mb1.3/8/8, mb1mx3.7/2.6, mbtmp3.7/8, Error ellipse: s-maj=58.3km s-min=20.0km az=82.0

ISCJB 15 01:02:43.8.1.1, 12°2N:0.1x140°3E:0.3, h30km, mb3.7/8, Error ellipse: s-maj=48.9km s-min=17.4km az=173.1

ISC 15 01:02:45.8.1.3, 12°2N:0.2x140°3E:0.4, h30km, n8, <105/8, mb4.0/8, Western Caroline Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, SONM Songo Array, etc.

IDC 15 01:03:02.4.1.4, 14°14'N-92°57'E, h0km, mb3.6/8, mb1.3/6/9, mb1mx3.5/2.9, mbtmp3.5/9, ML3.5/1, Error ellipse: s-maj=36.8km s-min=28.6km az=66.0

ISCJB 15 01:03:03.5.1.0, 14°5'S:0.1x92°6E:0.09, h18km, mb3.6/8, Error ellipse: s-maj=21.4km s-min=11.3km az=159.8

ISC 15 01:03:05.4.1.2, 14°5'S:0.2x92°6E:0.1, h18km, n12, mb1.7/0.0, mb3.5/8, Andaman Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, H0BS3 Diego Garcia H, H0BS2 Diego Garcia H, etc.

DJA 15 01:05:17.1.0.7, 6°S:4.1x10°5'E:1, h25km, 8km, M3.9/9, ML3.9/9, Sunda Strait

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like KASI Kota Agung, KASI Kota Agung, CGJI Cibinong, etc.

GUC 15 01:07:46.0.6.20, 80°S-69°34'W, h10km, 3km, ML4.0/7C, Northern Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like PB01 IPOC Station P, PB01 IPOC Station P, PB01 IPOC Station P, etc.

IDC 15 01:12:51.7,0.9,12.47N;142.83E,h0km,mb3.8/8,
mb1.3/9,mb1mx3.7/5.4,mbtmp3.9/10,ML2.8/1,Error
ellipse: s-maj=29.2km s-min=20.7km az=89.0
NEIC 15 01:12:53.2,0.5,12.46N;142.83E,h10km,mb4.2/2,Error
ellipse: s-maj=13.2km s-min=11.3km az=119.0
ISCJB 15 01:12:54.1,0.7,12.5N;0.1:142.87E;0.08,h28km,
mb3.9/11,Error ellipse: s-maj=17.3km s-min=9.7km
az=154.2
ISC 15 01:12:55.9,0.9,12.5N;0.2:142.9E;0.1,h28km,n13,
0572/14,mb4.0/11,South of Mariana Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
GUMO	Guam	2.20	60	Pn	01 13 30.9	+0.3		
GUMO	10m,0.3s,baz=56,slow=15,SNR=4.7			Sn	01 13 55.9	-1.1		
WRA	Warramunga Arr	33.30	195	P	01 19 30.2	-1.2		
ASAR	Alice Springs	36.99	194	P	01 20 03.5	+0.4		
SOMM	Songino Array	46.57	326	P	01 21 20.9	-0.6		
MKAR	Makanchi Array	60.98	317	P	01 23 06.8	0.0		
ZALV	Zalesovo Beam	64.23	320	P	01 23 09.3	-0.3		
KURK	Kurchatov	64.23	320	P	01 23 28.5	+0.3		
KURBB	Kurchatov Arr	64.23	320	P	01 23 28.5	+0.1		
BRVK	Borovyoye Array	69.69	322	eP	01 24 02.4	-0.6		
NEW	Newport	87.32	41	eP	01 25 41.4	+1.1		
ARCES	ARCES Array B	85.55	342	P	01 25 40.5	-0.5		
NVAR	Mina Array Bea	89.10	51	P	01 25 49.8	+0.5		
FINES	FINES Array B	91.35	335	P	01 25 59.6	+0.6		

IDC 15 01:14:38.8,0.9,52.09N;178.38E,h0km,mb3.9/13,
mb1.4/15,mb1mx3.9/34,mbtmp4.0/15,ML3.7/2,Error
ellipse: s-maj=28.3km s-min=15.6km az=172.0
ISCJB 15 01:14:56.9,0.3,52.3N;0.1:178.63E;0.0,h170km,4km,
mb3.9/16,Error ellipse: s-maj=17.7km s-min=5.6km
az=1.8
NEIC 15 01:14:59.3,0.2,52.08N;178.66E,h167km,mb3.4/2,After
AIC

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
LSNW	Little Sitkin	0.32	196	P	01 15 20.6	+0.3		
LSPA	Little Sitkin	0.32	189	P	01 15 21.0	+0.7		
CEAP	Semis' Anvil P	0.63	115	P	01 15 22.2	+0.6		
CESW	Semis' Southwe	0.67	123	P	01 15 21.9	+0.1		
CERB	Semis' Cerberu	0.69	119	P	01 15 22.7	+0.7		
CERB	Semis' Rag'd T	0.73	120	P	01 15 24.7	+1.3		
AMKA	Amchitka	0.98	156	P	01 15 23.5	-0.5		
AMKA	Amchitka	1.45	105	P	01 15 42.0	-1.9		
GANE	Gareloi Northe	1.65	105	P	01 15 30.2	+0.1		
GANE	Gareloi Northe	1.65	105	P	01 15 54.8	-0.1		
GALA	Gareloi Lava P	1.67	107	P	01 15 30.5	+0.2		
GAEA	Gareloi Lava P	1.68	106	P	01 15 27.4	+0.3		
TANO	Tanaga North	2.02	99	P	01 15 34.9	+0.7		
TAFP	Tanaga Falls P	2.11	99	P	01 15 35.6	+0.4		
TAFP	Tanaga Falls P	2.11	99	P	01 16 04.0	+0.1		
TAPA	Tanaga Point A	2.23	100	P	01 15 36.6	0.0		
KIKV	Kanaga Island	2.61	97	P	01 15 41.0	0.0		
KIRH	Kanaga Island	2.82	96	P	01 15 41.6	+0.1		
SMY	Shemya	2.82	96	P	01 15 43.8	+0.2		
SMY	Shemya	2.82	96	P	01 16 18.6	-0.4		
GSTD	Great Sitkin T	3.21	92	P	01 15 48.5	0.0		
GSTD	Great Sitkin T	3.21	92	P	01 16 27.3	-0.5		
ATKA	Atka Island	4.39	88	P	01 16 04.1	+0.5		
ATKA	Atka Island	4.39	88	P	01 16 54.1	-0.7		
PETK	Petropavlovsk-	12.74	282	Pn	01 17 37.7	-1.5		
KDAK	Kodiak Island	17.30	230	P	01 18 45.7	-2.4		
BPWA	Bear Paw Mtn.	19.67	41	eP	01 19 15.7	-1.4		
SML	Sawmill	20.12	49	eP	01 19 21.7	-0.7		
ILAR	Eielson Array	21.57	41	P	01 19 32.1	-1.9		
DAWY	Dawson	24.56	45	eP	01 20 03.2	+1.1		
INK	Inuvik	27.65	36	P	01 20 30.0	+0.3		
H1N2	WAKE ISLAND Hy	33.75	200	T	01 57 04.6			
H1N3	WAKE ISLAND Hy	33.76	200	T	01 56 58.0			
H1N1	WAKE ISLAND Hy	33.77	200	T	01 57 03.4			
YKA	Yellowknife Ar	35.77	47	P	01 21 41.1	+0.6		
TLY	Talaya	44.25	30	P	01 22 48.7	-1.8		
EGMT	Eagleton	45.34	66	eP	01 22 51.0	-0.5		
SOMM	Songino Array	44.84	294	P	01 22 54.0	-1.3		
NVAR	Mina Array Bea	45.00	82	P	01 22 58.1	+1.3		
ARCES	ARCES Array B	56.93	349	P	01 24 25.5	+0.5		
KURK	Kurchatov	57.25	312	P	01 24 28.7	+1.1		
KURBB	Kurchatov Arr	57.36	312	P	01 24 28.7	+0.3		
MKAR	Makanchi Array	58.23	307	P	01 24 34.6	+0.1		
BVAR	Borovyoye Array	59.18	318	P	01 24 41.1	+0.2		
TXAR	Lajitas Array	60.06	80	P	01 24 47.3	-0.2		
WRA	Warramunga Arr	81.60	222	P	01 26 56.9	-0.2		
ASAR	Alice Springs	85.11	220	P	01 27 16.2	+1.1		

IDC 15 01:16:56.9,1.5,7.02N;125.67E,h0km,mb3.9/5,
mb1.4/2,mb1mx3.7/27,mbtmp4.0/6,ML4.3/1,Error
ellipse: s-maj=83.2km s-min=19.5km az=58.0
ISCJB 15 01:17:00.8,1.2,7.0N;0.3:125.8E;0.4,h51km,mb3.7/5,
Error ellipse: s-maj=71.9km s-min=14.4km az=144.7
ISC 15 01:17:03.1,1.3,7.0N;0.3:125.8E;0.4,h51km,n6,01941/6,
mb3.8/5,Mindanao

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
SJI	Sorong	9.53	145	Op	01 19 17.2	-0.6		
WRA	Warramunga Arr	28.05	163	P	01 22 49.1	-0.8		
CMAR	Chiang Mai Arr	28.49	200	P	01 22 53.0	-0.8		
ASAR	Alice Springs	31.47	166	P	01 23 22.2	+2.0		
MKAR	Makanchi Array	54.36	324	P	01 26 25.1	+0.3		
BVAR	Borovyoye Array	64.10	326	P	01 27 32.3	+0.4		

DJA 15 01:18:14.0,0.3,0.3N;127.2E;h85km,7km,ML4.3/11,
mb4.9/1,mb5.3/1,ML4.1/11,MLV4.1/11,Mv(mb)3.7/11,
Northern Molucca Sea

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
TNTI	Ternate	0.64	36	P	01 18 31.0	+1.5		
TNTI	Ternate	0.64	36	S	01 18 43.8	+2.8		

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
LBMI	Labuha	1.02	150	P	01 18 34.3	+0.7		
LBMI	Labuha	1.02	150	S	01 18 47.7	+0.4		
LBMI	Sanana	2.49	204	S	01 18 53.0	+0.3		
NLAI	Namlea	3.47	178	P	01 19 04.6	-1.2		
SGSI	Sangihe	3.71	337	P	01 19 09.9	+0.7		
LWGI	Luwuk	4.41	253	P	01 19 51.1	-0.1		
LWUI	Luwuk	4.41	253	P	01 19 18.9	+0.3		
SWI	Sorong	4.41	105	P	01 20 08.4	-0.3		
APSI	Ampana	5.46	258	P	01 19 34.2	+1.2		
TTSI	Tana Toraja	7.89	245	S	01 21 31.2	-2.4		

IDC 15 01:21:48.0,0.8,12.30N;141.59E,h0km,mb3.9/9,
mb1.4/10,mb1mx3.8/56,mbtmp3.9/10,ML3.2/1,Error
ellipse: s-maj=25.9km s-min=16.8km az=88.0
NEIC 15 01:21:49.4,0.4,12.27N;141.64E,h10km,mb4.3/3,Error
ellipse: s-maj=12.2km s-min=9.3km az=97.0
ISCJB 15 01:21:50.9,0.5,12.24N;10.08:141.7E;0.1,h33km,
mb3.9/11,Error ellipse: s-maj=14.8km s-min=11.5km
az=18.2

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
GUMO	Guam	3.38	67	Op	01 22 42.5	-0.8		
LWUI	Luwuk	22.95	236	eP	01 26 52.9	-1.5		
CTA	Charters Tower	32.45	172	P	01 28 22.2	+2.1		
CTAO	Charters Tower	32.45	172	eP	01 28 20.2	+0.1		
WRA	Warramunga Arr	32.80	193	P	01 28 22.5	-0.7		
AS31	Alice Springs	36.50	192	P	01 28 55.8	+0.7		
ASAR	Alice Springs	36.50	192	P	01 28 55.1	0.0		
CMAR	Chiang Mai Arr	41.59	284	P	01 29 37.9	0.0		
SOMM	Songino Array	46.10	327	P	01 30 14.8	+1.0		
SEY	Seymchan	51.18	6	P	01 30 53.0	+0.5		
MK31	Makanchi Array	60.32	317	eP	01 31 59.1	+0.8		
MKAR	Makanchi Array	60.32	317	eP	01 31 56.1	-2.2		
ZALV	Zalesovo Beam	60.92	326	P	01 32 02.4	+0.1		
BRVK	Borovyoye	69.12	322	eP	01 32 55.9	+0.3		
ILAR	Eielson Array	71.10	25	P	01 33 07.9	+0.3		
ANBK	Abukal array	75.44	318	eP	01 33 33.6	+0.1		
NEW	Newport	88.28	41	eP	01 34 40.5	-0.5		
LPAZ	La Paz	150.85	101	PKPbc	01 41 43.5	-0.2		

ISCJB 15 01:27:28.9,0.8,34.70N;0.04:23.45E;0.05,h26km,6km,
Error ellipse: s-maj=7.5km s-min=5.6km az=149.9
CSEM 15 01:27:29.5,0.3,34.73N;0.47E,h20km,MD3.0,Error
ellipse: s-maj=6.1km s-min=4.0km az=62.0
THE 15 01:27:31.5,34.80N;23.55E,h18km,1km,ML2.2/3,Error
ellipse: s-maj=3.4km s-min=1.0km az=198.0
ATH 15 01:27:31.1,34.82N;23.58E,h35km,1km,MD3.0/9
HLW 15 01:27:38.9,34.35N;24.38E,h9km,10km,MD2.5,ML2.2
ISC 15 01:27:30.6,1.3,34.75N;0.04:23.53E;0.04,h27km,1km,
n46,0574/69,Crete

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
GVD	Gavdhos	0.47	78	eP	01 27 40.6	+0.2		
GVD	Gavdhos	0.47	78	eS	01 27 46.8	-0.8		
GVD	Gavdhos	0.47	78	P	01 27 40.2	-0.2		
GVD	Gavdhos	0.47	78	eP	01 27 40.6	+0.2		
GVD	Gavdhos	0.47	78	S	01 27 47.8	+0.7		
GVD	Gavdhos	0.47	78	S	01 27 47.8	+0.7		
GVD	Gavdhos	0.47	78	P	01 27 40.2	-0.2		
GVD	Gavdhos	0.47	78	S	01 27 47.8	+0.7		
IMMV	Iera Moni Meta	0.81	27	eP	01 27 45.4	-0.6		
IMMV	Iera Moni Meta	0.81	27	eP	01 27 45.4	-0.6		
IMMV	Iera Moni Meta	0.81	27	eP	01 27 45.4	-0.6		
VAM	Vamos	0.86	40	eP	01 27 46.1	-0.9		
VAM	Vamos	0.86	40	eP	01 27 58.6	-0.1		
VAM	Vamos	0.86	40	eP	01 27 46.1	-0.9		
VAM	Vamos	0.86	40	P	01 27 58.1	0.0		
SIVA	Sivas	1.09	75	eP	01 27 50.8	0.0		

15d 2h

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Table with columns for station call letters, frequency, and various signal quality metrics (e.g., SNR, S/N, etc.).

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15d 2h

HLID	baz=54, SNR=31	54.11	63	eP	P	02 19 59.5 +0.9
HLID	comp=Z,28nm,1.0s				PcP	02 21 03.0 +0.2
HLID				ePcP	LR	
DAV	comp=Z,1um,22.0s	54.13	224	P	P	02 19 58.9 +0.1
DAV	comp=Z,95nm,0.4s, baz=56, slow=1.1, SNR=4.8				P	
DAV	comp=Z,1um,22.0s	54.13	224	P	LR	02 19 58.9 +0.1
BOZ	comp=Z,619nm,20.0s	54.16	60	eP	P	02 19 59.8 +0.9
BOZ	comp=Z,55nm,0.9s				Pmax	
BOZ	comp=Z,553nm,21.0s				MLR	
BOZ	comp=Z,55nm,0.9s	54.16	60	P	P	02 20 00.3 +1.4
BOZ	comp=Z,55nm,0.9s	54.16	60	eP	P	02 19 59.8 +0.9
BOZ					LR	
BGMT	comp=Z,553nm,21.0s				LR	
PRGR	Barton Gulch	54.23	60	eP	P	02 20 00.7 +1.2
PRGR	Fermogore	54.24	328	ll	P	02 19 58.4 -0.6
PRGR				S	S	02 27 30.8 -1.9
PRGR				SS	SS	02 27 52.6 -1.0
PRGR					Pmax	
TKM2	comp=Z,95nm,0.6s	54.28	296	P	P	02 19 59.0 -0.9
TKM2	SNR=20					
TKM2	comp=Z,18nm,0.8s	54.28	296	P	Pmax	02 19 58.7 -1.2
TKM2	comp=Z,33nm,1.0s					
TKM2					LR	
ULHL	comp=Z,2um,19.0s	54.39	295	P	P	02 20 00.8 +0.1
ULHL	SNR=9.8					
TMCR	Tamitsa	54.55	333	eP	P	02 20 00.3 -0.9
TMCR					Pmax	
LSA	comp=Z,130nm,1.4s	54.56	273	P	P	02 20 02.3 -0.1
LSA	Lhasa	54.56	273	P	Pmax	02 20 02.9 +0.5
LSA						
LSA	comp=Z,37nm,0.8s				MLR	
LSA	comp=Z,1um,20.0s	54.56	273	eP	P	02 20 02.9 +0.5
LSA	comp=Z,37nm,0.8s				LR	
CMB	comp=Z,35nm,1.2s	54.58	72	eP	P	02 20 03.2 +1.3
CMB	Columbia Colle				Pmax	
CMB	comp=Z,35nm,1.2s	54.58	72	eP	P	02 20 03.2 +1.3
CMB	Columbia Colle					
USP	comp=Z,35nm,1.2s	54.63	297	P	P	02 20 01.6 -0.6
USP	Ospenovka					
CHMS	SNR=20	54.68	296	P	P	02 20 01.4 -1.2
CHMS	Chumysk					
BMN	SNR=12	54.71	68	eP	P	02 20 04.6 +1.6
BMN	Battle Mountai				Pmax	
BMN	comp=Z,51nm,0.8s	54.71	68	eP	P	02 20 04.6 +1.6
BMN	Battle Mountai					
WAKR	comp=Z,51nm,0.8s	54.79	71	eP	P	02 20 05.4 +1.8
WAKR	Walker					
KBK	SNR=16	54.81	296	P	P	02 20 03.1 -0.6
KBK	Karagaybulak					
QLMT	comp=Z,110nm,1.8s	54.82	60	eP	P	02 20 05.0 +1.2
QLMT	Earthquake Lak					
FRU	SNR=12	54.87	296	eP	P	02 20 02.0 -1.9
FRU	Bishkek					
FRU						02 20 25.0
FRU					Pmax	
KZA	comp=Z,110nm,1.8s	55.04	295	P	P	02 20 05.9 +0.3
KZA	Kyzart					
AAK	SNR=12	55.07	296	P	P	02 20 04.9 -0.6
AAK	Ala-Archa					
AAK	comp=Z,7um,22.0s	55.07	296	P	P	02 20 04.7 -0.8
AAK	Ala-Archa				Pmax	
AAK	comp=Z,57nm,1.0s				MLR	
AAK	comp=Z,7um,22.0s	55.07	296	P	P	02 20 04.6 -0.9
AAK	Ala-Archa					
AAK	comp=Z,216nm,0.8s, SNR=8.5	55.07	296	eP	P	02 20 05.1 -0.4
AAK	Ala-Archa					
AAK	comp=Z,32nm,0.8s				LR	
YHH	comp=Z,3um,19.0s	55.15	60	eP	P	02 20 07.6 +1.4
YHH	Holmes Hill					
YMR	comp=Z,3um,19.0s	55.17	60	eP	P	02 20 07.6 +1.2
YMR	Madison River					
YNR	comp=Z,52nm,0.8s	55.29	60	eP	P	02 20 09.5 +2.3
YNR	Norris Junctio					
LRV	comp=Z,44nm,1.4s	55.34	74	eP	P	02 20 09.5 +2.2
LRV	Little Rabbit					
MCID	comp=Z,45nm,0.8s	55.39	61	eP	P	02 20 09.9 +2.1
MCID	Moose Creek					
YFT	comp=Z,60nm,0.8s	55.39	60	eP	P	02 20 10.6 +2.7
YFT	Old Faithful					
EKS2	comp=Z,60nm,0.8s	55.44	297	P	P	02 20 07.5 -0.6
EKS2	Erkin-Say					
EKS2	SNR=38	55.44	297	eP	Pmax	02 20 07.5 -0.6
EKS2	Erkin-Say					
EKS2	comp=Z,36nm,0.8s				MLR	
EKS2	comp=Z,3um,21.0s	55.44	297	eP	P	02 20 07.5 -0.6
EKS2	Erkin-Say					
EKS2	comp=Z,36nm,0.8s				LR	
NVAR	comp=Z,3um,21.0s	55.49	70	P	P	02 20 09.9 +1.3
NVAR	Mina Aray Bay					
NVAR	comp=Z,33nm,0.7s, baz=294, slow=7.4, SNR=265				PcP	02 21 08.7 +0.4
NVAR						
NVAR	comp=Z,14nm,0.8s, baz=304, slow=6.4, SNR=2.2					02 50 22.6
NVAR						
NVAR	comp=Z,1.2nm,1.0s, baz=160, slow=2.9, SNR=6.0					02 57 26.9
NVAR						
ILULI	comp=Z,0.5nm,0.7s, baz=302, slow=4.1, SNR=5.9	55.52	131	ll	P	02 20 07.9 -0.2
ILULI	Ilulissat					
LKWY	comp=Z,125nm,0.9s	55.54	60	eP	P	02 20 11.7 +2.7
LKWY	Lake				Pmax	
LKWY	comp=Z,58nm,0.8s				MLR	
LKWY	comp=Z,1um,19.0s	55.54	60	eP	P	02 20 11.7 +2.7
LKWY	Lake					
LKWY	comp=Z,58nm,0.8s				LR	
H17A	comp=Z,1um,19.0s	55.56	60	P	P	02 20 11.4 +2.2
H17A	Grant Village					
H17A	baz=55, SNR=15	55.56	60	eP	P	02 20 12.2 +3.0
H17A	Grant Village					
ELK	comp=Z,30nm,0.9s	55.59	66	eP	P	02 20 11.2 +1.8
ELK	Elko					
JMIC	comp=Z,30nm,0.9s	55.64	356	eP	P	02 20 10.2 +1.3
JMIC	Jan Mayen					
FLWY	comp=Z,45nm,0.8s	55.72	61	eP	P	02 20 12.3 +2.1
FLWY	Flagg Ranch					
IMW	comp=Z,45nm,0.8s	55.72	61	eP	P	02 20 11.9 +1.5
IMW	Indian Meadow					
YTP	comp=Z,55nm,0.8s	55.72	60	eP	P	02 20 12.6 +2.3
YTP	The Promontory					
RLMT	comp=Z,55nm,0.8s	55.74	59	P	P	02 20 12.2 +1.8
RLMT	Red Lodge					
RLMT	baz=56, SNR=94	55.74	59	eP	P	02 20 11.8 +1.4
RLMT	Red Lodge				LR	
RLMT	comp=Z,69nm,0.8s				LR	
MLAC	comp=Z,845nm,20.0s	55.74	71	P	P	02 20 12.4 +1.9
MLAC	Mammoth Lakes					
AML	comp=Z,845nm,20.0s	55.84	296	P	P	02 20 11.3 -0.1
AML	Almayashu					
FXWY	SNR=11	55.85	61	eP	P	02 20 12.4 +1.2
FXWY	Fox Creek					
MOOW	comp=Z,21nm,0.8s	55.92	61	eP	P	02 20 13.4 +1.7
MOOW	Moose Ponds					
DGDMT	comp=Z,17nm,0.8s	55.94	53	P	P	02 20 12.4 +0.9
DGDMT	Dagmar					
DGDMT	baz=56, SNR=18	55.94	53	eP	P	02 20 12.4 +0.9
DGDMT	Dagmar				LR	
DGDMT	comp=Z,104nm,1.0s				LR	
TPAW	comp=Z,1um,19.0s	55.99	61	eP	P	02 20 14.2 +1.9
TPAW	Teton Pass					
LOHW	comp=Z,89nm,1.6s	56.09	61	eP	P	02 20 14.7 +1.8
LOHW	Long Hollow					
NPI	comp=Z,44nm,1.1s	56.09	64	eP	P	02 20 14.9 +2.0
NPI	North Pocatell					
SNOW	comp=Z,44nm,1.1s	56.12	61	eP	P	02 20 15.2 +2.1
SNOW	Snow King Moun					

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A25A	comp=Z,42nm,1.1s	56.12	52	P	P	02 20 13.9 +1.1
A25A	Svangstu Ranch					
REDW	baz=56, SNR=23	56.13	61	eP	P	02 20 15.0 +1.7
REDW	Red Top Meadow					
CREAI	comp=Z,81nm,1.9s	56.18	258	P	P	02 20 11.6 -1.9
CREAI	Chiangrai					
LAO	comp=Z,23nm,1.0s, comp=Z,546nm	56.19	56	P	P	02 20 14.8 +1.4
LAO	LASA Array					
LAO	comp=Z,146nm,1.0s	56.19	56	eP	P	02 20 14.6 +1.2
LAO	LASA Array				LR	
H19A	comp=Z,1um,20.0s	56.20	59	P	P	02 20 14.6 +1.1
H19A	Powell					
HVU	baz=56, SNR=25	56.21	64	eP	P	02 20 15.4 +1.7
HVU	Hansel Valley				Pmax	
HVU	comp=Z,37nm,0.9s	56.21	64	eP	P	02 20 15.4 +1.7
HVU	Hansel Valley					
NONG	comp=Z,37nm,0.9s	56.27	254	P	P	02 20 15.1 +0.9
NONG	Nongkai					
LOF	comp=Z,35nm,1.3s	56.28	346	eP	P	02 20 13.2 -0.4
LOF	Lofoten					
TPH	comp=Z,91nm,0.9s	56.34	70	eP	P	02 20 16.3 +1.6
TPH	Tonopah					
MLJ	comp=Z,1nm,0.9s	56.38	63	eP	P	02 20 16.8 +1.8
MLJ	Malad Range					
SCO	comp=Z,1um,20.0s	56.39	11	ll	P	02 20 15.6 +1.3
SCO	Scoresbysund					
SCO	comp=Z,1um,20.0s	56.39	11	eP	P	02 20 15.6 +1.3
SCO	Scoresbysund					
AHID	comp=Z,16nm,0.7s	56.42	62	eP	P	02 20 16.8 +1.6
AHID	Auburn Hatcher					
KSH	comp=Z,473nm,21.0s	56.42	292	eP	P	02 20 17.8 +2.6
KSH	Kashi				SP	
KSH	comp=Z,47nm,0.9s				PP	
KSH	Kashi				S	
KSH	comp=Z,47nm,1.0s				PMZ	
KSH	comp=Z,2um,18.6s				LN	
KSH	comp=Z,550nm,13.7s				LE	
KSH	comp=Z,2um,17.7s				LZ	
RCTC	comp=Z,2um,17.7s	56.44	73	P	P	02 20 16.4 +1.3
RCTC	Reclor, Farmer					
TIN	baz=56	56.49				

Table of astronomical observations for 15 days in August 2010, 2 hours per day. Includes columns for station name, time, magnitude, and other parameters.

Table of astronomical observations for 2010 August, including station names, times, magnitudes, and various codes (e.g., PKP, P, S).

Table of astronomical observations for 2010 August, including station names, times, magnitudes, and various codes (e.g., Pn, S, ISC).

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, PALK Pallekele, AKASG Malin Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NOA NORARS Array B, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NOA NORARS Array B, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KRSC 15 02:30:52.21.5, MOS 15 02:30:54.51.6, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SPN Mys Shipunski, NLC Nalytchevo, UGLR Uglovaya, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GNLF Ganaly, MTRV Mutnovka, GRL Gorelyy, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUC 15 02:34:37.30.3, PSCH Puerto Saavedr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUC 15 02:39:42.30.6, COCH Cobquecura, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUC 15 02:39:42.30.6, COCH Cobquecura, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KRSC 15 02:47:05.8.1, SPN Mys Shipunski, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PET Petropavlovsk, MKZ Mys Kozlova, RUS Russkaya, etc.

IDC 15 02:47:35.5.0.9, 12.21N:141.33E, h0km, mb3.8/4, mb1 4.0/5, mb1mx3.6/26, mbtmp3.9/5, ML3.7/1, Error ellipse: s-maj=31.8km s-min=23.4km az=82.0, South of Mariana Islands

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

IDC 15 02:51:18.5.0.4, 22.10S:179.67W, h581km, 3km, mb4.1/26, mb1 4.2/28, mb1mx4.1/33, mbtmp3.9/5, Error ellipse: s-maj=9.8km s-min=7.6km az=155.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SZGRF 15 02:51:19.7.2, GUMO Guam, etc.

GCMT 15 02:51:20.7.2, 22.10S:179.80W, h602km, mb4.8/28, mb5.0/18

NEIC 15 02:51:18.8.0.9, 22.06S:179.78W, h590km, 11km, mb4.7/92, Error ellipse: s-maj=9.0km s-min=5.1km az=156.9

AUST 15 02:51:23.2.1.7, 22.10S:179.79W, h626km, 15km, Error ellipse: s-maj=15.9km s-min=7.1km az=95.0

ISDC 15 02:51:19.5.0.3, 22.14S:106.17W, h594km, 3km, h594km, P-P, n345, e137/446, mb4.7/92, 44C-38D, South of Fiji Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARMA Armadale, MGCD Charlotte Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CTA Charters Tower, CTAO Charters Tower, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, COEN Coen, etc.

Table with columns: HTT, Hallett, 38.13 244, P, 02 57 49.7 +0.3, etc. Lists various astronomical observations with details like SNR, magnitude, and coordinates.

Table with columns: MDJ, Mudanjiang, 81.00 326, eP, 03 02 33.3 +0.1, etc. Lists astronomical observations with details like SNR, magnitude, and coordinates.

Table with columns: ANMO, Albuquerque, 89.61 52, eP, 03 03 15.6 +0.3, etc. Lists astronomical observations with details like SNR, magnitude, and coordinates.

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

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

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

15d 3h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like SRDT, UTHA, GYA, and various regional stations.

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Table with columns for station code, name, frequency, power, and other technical details. Includes stations like KMBL, LSA, USRK, and various regional stations.

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Table with columns for station code, name, frequency, power, and other technical details. Includes stations like MKAR, KSH, ULHL, and various regional stations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like BR131 Keskin Array S, BRTR Keskin Array P, EGAK Eagle, CSS Prodhromos, KMBO Kilima Mbogo, etc.

NAO 15 03:23:27.1, 1.2, 67.62N, 33.81E, ML2.9
KOLA 15 03:23:27.1, 67.68N, 33.81E, h0km
ISCJB 15 03:23:28.3, 0.6, 67.65N, 33.81E, h0km, Error ellipse: s-maj=6.5km s-min=4.1km az=11.8

HEL 15 03:23:29.0, 0.4, 67.63N, 32.86E, h1km, ML2.9, Explosion
CSEM 15 03:23:29.0, 0.4, 67.63N, 32.86E, h1km, ML2.9, Error ellipse: s-maj=8.6km s-min=5.6km az=66.0, Mining explosion.

ISC 15 03:23:28.6, 1.4, 67.65N, 0.04, 33.37E, 0.06, h0km, n29, r0155/50, 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 APA Apatity, ARAO ARCESS Array S, ARAO ARCESS Array S, etc.

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

IDC 15 03:32:20.3, 7.7, 12.35N, 141.68E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.5/4, mbtimp3.5/4, Error ellipse: s-maj=326.7km s-min=26.1km az=79.0, South of Mariana Islands

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

ISCJB 15 03:35:10.6, 0.6, 40.38N, 0.04, 30.11E, 0.03, h2km, 6km, Error ellipse: s-maj=6.0km s-min=4.4km az=8.2
ISK 15 03:35:10.5, 40.35N, 30.07E, h12km, MD2.5
CSEM 15 03:35:10.7, 0.2, 40.35N, 30.10E, h10km, MD2.5, Error ellipse: s-maj=4.0km s-min=3.2km az=26.0
DDA 15 03:35:11.4, 40.32N, 30.15E, h7km, MD2.6
ISC 15 03:35:10.7, 1.0, 40.36N, 0.03, 30.10E, 0.02, h10km, 8km, n28, r055/43, Turkey

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

IDC 15 03:38:38.5, 3.6, 7.61S, 151.05E, h0km, mb3.1/2, mb1 3.5/3, mb1mx3.2/27, mbtimp3.3/3, ML1.3/1, Error ellipse: s-maj=154.5km s-min=48.3km az=131.0, New Britain region

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

ISCJB 15 03:41:54.3, 0.8, 33.42N, 0.03, 12.56W, 0.06, h10km, Error ellipse: s-maj=6.7km s-min=4.6km az=8.6
IGIL 15 03:41:56.3, 33.20N, 12.76W, h2km, ML2.1
CNRM 15 03:41:57.1, 33.03N, 12.91W, h30km, MD3.2
MDD 15 03:41:57.5, 2.4, 33.26N, 12.54W, h0km, mb3.7/7, Error ellipse: s-maj=24.6km s-min=10.0km az=84.0, PRXIMO
INMG 15 03:42:01.8, 2.3, 33.14N, 12.80W, h10km, ML2.3, Error ellipse: s-maj=12.0km s-min=4.1km az=148.0
CSEM 15 03:42:03.3, 0.6, 33.34N, 12.10W, h20km, ML3.2/4, Error ellipse: s-maj=12.3km s-min=5.1km az=87.0

ISC 15 03:41:54.6, 1.6, 33.33N, 0.05, 12.64W, 0.08, h10km, n67, r0200/93, Madeira Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like PMPs Porto Santo, FUL Funchal, CIA Chichaoua, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like MORF MORF, MORF Marneleite, PTEO Sao Teotonio, PTEO Sao Teotonio, etc.

IDC 15 04:00:20.8, 0.8, 12.30N, 141.66E, h0km, mb3.9/11,

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mb1 4.1/11, mb1mx3.8/4.4, mbtmp3.9/11, Error ellipse: s-maj=33.4km s-min=16.3km az=80.0 NEIC 15 04:00:25.6-0.7, 12.31N:0.10:141.9E:0.1, h33km, m21, az=127/21, mb4.1/14, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Op, Pn, Time, Res, ISC, h, m, s, ISC, Phase ID. Includes stations like GUMO Guam, CTA Charters Tower, WRA Warramunga Arr, etc.

ISCJB 15 04:00:55.6-1.0, 12.20N:0.03:141.52E:0.03, h7km, 6km, mb5.0/12, MS4.7/133, Error ellipse: s-maj=4.5km s-min=4.0km az=149.1

15 04:00:55.7-0.4, 12.21N:141.52E, h0km, mb4.8/32, mb1 4.9/32, mb1mx4.8/4.3, mbtmp4.8/32, MS4.1/2, MS1 4.2/2, ms1mx3.6/15, Error ellipse: s-maj=16.0km s-min=9.4km az=81.0

BUI 15 04:00:55.5, 12.07N:141.50E, h11km, mb5.2/74, mb5.4/66, MS4.9/79, MS7.4/768

NEIC 15 04:00:57.6-0.2, 12.16N:141.46E, h10km, mb5.2/70, MS4.7/127, Error ellipse: s-maj=4.6km s-min=3.9km az=100.0

GCMT 15 04:00:57.6-0.2, 12.20N:141.34E, h12km, MW5.2/108, Moment Tensor Solution. s70,c96; s108,c185; Duration: 1s0 Moment tensor: Scale 10^17Nm; Mn=0.83+-0.1; M2=0.30+-0.1; M3=0.52+-0.1; M4=0.15+-0.05; M5=0.34+-0.1; M6=0.07+-0.4; Best double couple: M=0.8100x10^17 Np1,221.00000, 850.00000; 7.84.00000; NP2=0.31.00000, 840.00000; 1.97.00000; Principal axes: T=0.7840, Plg5.0000; Azm306.0000; N=0.0650, Plg5.0000; Azm37.0000; P=-0.8480, Plg83.0000; Azm170.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

MOS 15 04:00:59.5-1.1, 12.24N:141.42E, h33km, mb5.4/40, MS4.6/24 Error ellipse: s-maj=8.7km s-min=5.2km az=104.1

DJA 15 04:01:05.9-0.6, 13.1N:5.14E, h100km, 8km, MS5.2/41, mb5.1/41, mb5.6/28, MLV5.4/1, Mw(mb)5.2/28

ISC 15 04:00:59.2-0.3, 12.19N:0.03:141.49E:0.04, h19km, 1km, h19km: p-P, n476, c1948/445, mb5.2/150, MS4.7/136, 10C-9D, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Op, Pn, Time, Res, ISC, h, m, s, ISC, Phase ID. Includes stations like GUMO Guam, JAY Jayapura, GENI Genyem, CBIJ Chichi jima, etc.

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Table with columns: SSSL, Station Name, Az, Az', Op, Pn, Time, Res, ISC, h, m, s, ISC, Phase ID. Includes stations like Suanglung, TPUB Ta-pu, YHNB Yeheng, etc.

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Table with columns: Code, Station Name, Az, Az', Op, Pn, Time, Res, ISC, h, m, s, ISC, Phase ID. Includes stations like CTAO Charters Tower, TIA Taian, WRAB Wannan Creek, etc.

HABR	comp=E,65nm,1.9s		MLR	MLR					
SKNT	comp=Z,233nm,17.0s								
Sakolnakorn	36.57 282	P	P	04 08 06.0	+1.7				
XAN	comp=Z,49nm,1.6s,comp=Z,6um								
Xi'an	36.76 312	P	P	04 08 04.9	-0.9				
XAN		pP	pP	04 08 09.3	-2.3				
XAN		sP	sP	04 08 11.9	-2.1				
XAN		PP	PP	04 09 32.9	+3.2				
XAN		S	S	04 13 52.8	+3.8				
XAN		sS	sS	04 14 00.3	+1.7				
XAN	comp=Z,43nm,1.3s		PMZ						
XAN	comp=Z,300nm,6.0s		LN						
XAN	comp=Z,500nm,13.1s		LE						
XAN	comp=Z,820nm,14.3s		LZ						
XAN	comp=Z,1um,15.9s								
SLVN	Son La	37.04 289	eP	P	04 08 09.8	+1.5			
Nongkai	37.42 284	P	P	04 08 13.2	+1.6				
NONG	comp=Z,21nm,1.6s,comp=Z,5um								
Khomkaen	37.66 281	P	P	04 08 15.8	+2.2				
Khomkaen	37.66 281	P	P	04 08 15.8	+2.2				
KLR	comp=Z,12nm,0.9s,comp=Z,1um								
Kul'dur	37.80 350	eP	S	04 08 11.0	-3.3				
KLR		eS	S	04 14 03.0	-1.2				
KLR		eSS	S	04 16 40.0	-5.2				
KLR		pmax	pmax						
KLR	comp=N,70nm,1.8s		pmx	pmx					
KLR	comp=E,78nm,1.8s		pmx	pmx					
KLR	comp=Z,560nm,1.8s		MLR	MLR					
CHAI	Chaiyaphum	38.46 280	P	P	04 08 21.1	+0.7			
EIDS	Eidsvold	38.48 166	eP	P	04 08 21.4	+1.1			
LEM	comp=Z,166nm,2.6s								
Lembang	38.62 242	P	P	04 08 19.8	-2.1				
KMI	Kunming	38.76 295	P	P	04 08 24.4	+1.4			
KMI		pP	pP	04 08 34.3	+5.4				
KMI	comp=Z,43nm,1.4s		PMZ						
KMI	comp=Z,420nm,6.9s		LN						
KMI	comp=Z,530nm,12.8s		LE						
KMI	comp=Z,640nm,22.9s		LZ						
HHC	comp=Z,1um,24.0s								
Hu-ho-hao-te	38.78 323	eP	P	04 08 23.9	+1.0				
HHC		pP	pP	04 08 28.3	-0.4				
HHC		sP	sP	04 08 31.1	0.0				
HHC		PP	PP	04 09 57.9	+3.9				
HHC		S	S	04 14 20.8	-0.8				
HHC		sS	sS	04 14 30.3	+1.1				
HHC		ScS	ScS	04 18 34.6	+2.2				
HHC		PMZ	PMZ						
HHC	comp=Z,46nm,0.8s		PMZ						
HHC	comp=Z,500nm,6.6s		LN						
HHC	comp=Z,570nm,14.7s		LE						
HHC	comp=Z,470nm,13.2s		LZ						
HHC	comp=Z,550nm,15.7s								
CISI	Cisompet, Garu	38.81 241	eP	P	04 08 20.1	-3.2			
NAYO	Nakomay	39.13 278	P	P	04 08 28.2	+2.3			
LOEI	Loei	39.19 283	P	P	04 08 24.4	-2.0			
PKBT	Sadao Pong	39.45 281	P	P	04 08 29.9	+1.3			
CD2	Chengdu	39.48 304	P	P	04 08 28.1	-0.7			
CD2		pP	pP	04 08 32.8	-1.8				
CD2		sP	sP	04 08 34.8	-2.2				
CD2		PP	PP	04 09 58.8	-0.7				
CD2		S	S	04 14 30.3	+1.1				
CD2		sS	sS	04 14 38.3	+1.6				
CD2	comp=Z,230nm,0.9s		PMZ						
CD2	comp=Z,520nm,6.9s		LN						
CD2	comp=Z,920nm,14.4s		LZ						
CD2	comp=Z,1um,16.8s								
BTO	Baotou	39.56 321	eP	P	04 08 29.6	+0.2			
UTTA	Utтарadit	39.87 283	P	P	04 08 33.8	+1.7			
IPM	comp=Z,4.7nm,1.4s,comp=Z,7.1nm								
ipoh	40.72 263	eP	P	04 08 38.5	-0.7				
NKL	Nikolayevsk	40.86 359	iP	e	04 08 38.0	-1.7			
NKL		pmx	pmx	04 14 52.0					
NKL	comp=N,500nm,4.0s		pmx	pmx					
NKL	comp=Z,600nm,4.0s		pmx	pmx					
NKL	comp=N,69nm,1.0s		pmx	pmx					
NKL	comp=Z,130nm,1.0s		pmx	pmx					
KULM	Kulim	40.91 264	eP	P	04 08 40.0	-0.8			
KULM	comp=Z,924nm,22.0s		LR	LR					
UTHA	Uthaitani	40.91 280	P	P	04 08 43.2	+2.5			
HIA	Hailar	41.11 338	PFAKE	LR	04 08 50.0	+8.0			
SURA	Surathani	41.22 270	P	P	04 08 44.8	+1.5			
SRDT	SRDT	41.26 278	P	P	04 08 46.6	+3.0			
SRIT	Nakonsritamara	41.33 269	P	P	04 08 45.0	+0.8			
TRTT	Trang	41.36 268	P	P	04 08 46.1	+1.6			
LZH	Lanzhou	41.40 312	iP	P	04 08 45.8	+1.1			
LZH		pP	pP	04 08 51.3	+0.7				
LZH		sP	sP	04 08 54.4	+1.4				
LZH		PP	PP	04 10 25.0	-0.1				
LZH		S	S	04 14 58.3	-0.7				
LZH		sS	sS	04 15 08.0	-0.7				
LZH	comp=Z,96nm,1.0s		PMZ						
LZH	comp=Z,460nm,6.6s		LN						
LZH	comp=Z,1um,14.8s		LE						
LZH	comp=Z,2um,14.2s		LZ						
LZH	comp=Z,2um,16.3s								
CMAI	Chiangmai2	41.42 286	P	P	04 08 46.1	+1.0			
CMAR	Chiang Mai Arr	41.43 284	P	P	04 08 45.6	+0.6			
CMAT	comp=Z,5nm,0.6s,comp=Z,9um								
Chiang Mai	41.44 285	P	P	04 08 46.6	+1.5				
CHTO	Chiang Mai	41.45 285	P	P	04 08 46.6	+1.4			
CHTO	comp=Z,64nm,2.2s,comp=Z,2um								
CHTO	Chiang Mai	41.45 285	eP	pmx	04 08 45.6	+0.4			
CHTO	comp=Z,19nm,1.3s		MLR	MLR					
CHTO	comp=Z,564nm,20.0s								
CHTO	Chiang Mai	41.45 285	eP	P	04 08 45.6	+0.4			
CHTO	comp=Z,19nm,1.3s		LR	LR					
UMPA	Umpang Tak	41.47 281	P	P	04 08 48.4	+3.0			
KRAB	Krabi	41.78 269	P	P	04 08 49.0	+1.1			
DZM	comp=Z,21nm,1.1s								
Mont Dzumac	41.94 144	P	P	04 08 49.6	+0.5				
DZM	comp=Z,22nm,1.0s,base=349,slow=1.3,SNR=8.6								

DZM	Mont Dzumac	41.94 144	eP	P	04 08 49.8	+0.7			
MHMT	Maesarieng	42.38 284	P	P	04 08 54.9	+2.1			
PKDT	Phuket	42.68 288	P	P	04 08 56.6	+1.4			
PETK	Petropavlovsk-	42.83 14	P	P	04 08 56.4	+0.5			
PET	comp=Z,92nm,1.1s,comp=Z,14um								
PET	Petropavlovsk	42.98 15	eP	P	04 09 00.6	+3.5			
PET		eS	S	04 15 26.2	+4.7				
PET	comp=Z,300nm,19.6s		MLR	MLR					
PET	comp=Z,600nm,16.0s		MLR	MLR					
PET	Petropavlovsk	42.98 15	PFAKE	LR	04 09 10.0	+1.3			
PSI	Prapat	43.16 261	P	P	04 08 58.0	-1.3			
PSI	Prapat	43.16 261	P	pmx	04 08 58.0	-1.3			
PSI	comp=Z,39nm,0.9s,base=80,slow=4.4,SNR=17								
PSI	Prapat	43.16 261	eP	P	04 08 57.4	-2.0			
ARMA	Armidale	43.47 167	eP	P	04 09 00.2	-1.3			
STKA	Stephens Creek	43.82 180	P	P	04 09 03.6	-0.5			
STKA	Stephens Creek	43.82 180	eP	pmx	04 09 04.0	-0.1			
STKA	comp=Z,91nm,2.6s								
STKA	Stephens Creek	43.82 180	eP	P	04 09 04.0	-0.1			
FOR	Forrest	44.63 197	eP	P	04 09 10.4	-0.3			
BBOO	Bucklebo	45.05 186	eP	P	04 09 12.9	-1.1			
CIT	Chita	45.67 336	eP	P	04 09 19.0	+0.2			
CIT	Gaotai	45.70 314	iP	P	04 09 20.3	+1.0			
GTA	GTA	45.70 314	pP	pP	04 09 24.9	-0.4			
GTA	GTA	45.70 314	sP	sP	04 09 27.3	-0.3			
GTA	GTA	45.70 314	PP	PP	04 11 10.5	+4.1			
GTA	GTA	45.70 314	S	S	04 16 03.9	+2.2			
GTA	GTA	45.70 314	sS	sS	04 16 12.3	+0.8			
GTA	GTA	45.70 314	SS	SS	04 19 21.0	-5.0			
GTA	comp=Z,110nm,1.2s		PMZ						
GTA	comp=Z,460nm,6.4s		LN						
GTA	comp=Z,710nm,20.9s		LE						
GTA	comp=Z,730nm,20.9s		LZ						
GTA	comp=Z,1um,20.0s								
ULN	Ulaanbaatar	45.73 328	eP	P	04 09 19.4	0.0			
ULN	comp=Z,85nm,1.0s		MLR	MLR					
ULN	comp=Z,599nm,20.0s								
ULN	Ulaanbaatar	45.73 328	eP	P	04 09 19.4	0.0			
ULN	comp=Z,86nm,1.0s		LR	LR					
SONM	Songino Array	46.05 327	P	P	04 09 22.5	+0.5			
CLNS	Chul'man	46.35 347	eP	P	04 09 23.4	-0.6			
CLNS	comp=Z,44nm,1.1s,base=134,slow=7.7,SNR=98								
CLNS	comp=Z,43nm,0.7s		pmx	pmx					
CLNS	comp=N,31nm,1.0s		pmx	pmx					
MSVF	Nonsavu	46.76 129	P	P	04 09 30.3	+2.5			
CAN	Canberra	47.78 172	eP	pmx	04 09 35.6	+0.1			
CAN	comp=Z,89nm,1.6s		MLR	MLR					
CAN	comp=Z,599nm,19.0s								
CAN	Canberra	47.78 172	eP	P	04 09 35.5	+0.1			
CAN	comp=Z,89nm,1.6s		LR	LR					
SHL	Shilong	48.52 293	eP	P	04 09 41.0	-0.6			
ZAK	Zakamensk	49.23 328	eP	pmx	04 09 47.4	+0.8			
LSA	Lhasa	49.73 299	P	P	04 09 51.8	+0.6			
LSA	Lhasa	49.73 299	eP	pmx	04 09 52.3	+1.1			
LSA	comp=Z,47nm,1.3s		MLR	MLR					
LSA	comp=Z,313nm,20.0s								
LSA	Lhasa	49.73 299	eP	P	04 09 52.3	+1.1			
LSA	comp=Z,47nm,1.3s		LR	LR					
TLY	Talaya	49.84 330	P	P	04 09 52.1	+0.9			
TLY	comp=Z,27nm,1.0s,base=153,slow=5.9,SNR=55								
TLY	Talaya	49.84 330							

15d 4h

Table with columns: SML, Sawmill, 69.99, 28, eP, P, 04 12 08.2 -1.2, etc. Lists various stations and their frequencies.

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Table with columns: NEW, Newport, 88.44, 41, eP, P, 04 13 50.4 -0.1, etc. Lists various stations and their frequencies.

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Table with columns: OKC, OKC, OKC, 04 27 51.8 -1.6, etc. Lists various stations and their frequencies.

15d 4h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various station identifiers. Includes stations like MKAR Makanchi Array, ZALV Zalesovo Beam, NVS Novosibirsk, etc.

Summary table for SJA 15 04:22:40.6, 0.4, 27.01S:64.76W, h32km, 1km, ML2.4, MW3.6, Santiago del Estero Province.

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Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various station identifiers. Includes stations like GUMO Guam, JAY Jayapura, TGY Tagayay City, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various station identifiers. Includes stations like CMAR Chiang Mai Arr, SONM Songino Array, MKAR Makanchi Array, etc.

436A	Wall Ranch, Ga	57.09 330	P	P	05 01 12.9 +0.8	baz=57	W33A	Caddo, Fort Co	61.52 332	P	P	05 01 42.9 +0.6	P29A	Atwood	66.30 332	P	P	05 02 13.8 +0.3
239A	Gary	57.10 333	P	P	05 01 13.4 +1.3	baz=57	Z29A	Hungry Hill Ra	61.52 328	P	P	05 01 42.7 +0.3	R26A	Arlington	66.39 330	P	P	05 02 14.7 +0.6
633A	Saathoff Ranch	57.19 327	P	P	05 01 13.2 +0.4	baz=57	V34A	Guthrie	61.67 333	P	P	05 01 43.1 -0.2	O30A	MW Ranch, Wils	66.40 333	P	P	05 02 14.7 +0.6
534A	Blanco	57.29 328	P	P	05 01 13.2 -0.3	baz=58	T37A	Cheneyville 18	61.70 335	P	P	05 01 43.4 -0.1	M33A	Taylor Creek F	66.43 336	P	P	05 02 13.8 -0.5
238A	Jacksonville	57.37 332	P	P	05 01 14.6 +0.6	baz=58	X31A	McDonald Ranch	61.78 330	P	P	05 01 44.1 0.0	L34A	Svendens Farm,	66.47 337	P	P	05 02 13.9 -0.5
435B	Jarrell	57.48 329	P	P	05 01 15.3 +0.5	baz=58	U35A	Pawnee	61.79 334	P	P	05 01 44.3 +0.2	N31A	Bailey Ranch,	66.49 335	P	P	05 02 15.1 +0.5
632A	Uvalde	57.54 327	P	P	05 01 15.8 +0.5	baz=58	W32A	Sentinel	61.85 331	P	P	05 01 44.7 +0.1	KSCO	Kaye Shedlock'	66.58 331	P	P	05 02 16.2 +0.9
533A	Kerrville	57.61 328	P	P	05 01 15.9 +0.1	baz=58	Z28A	Tucker Farm, M	61.89 327	P	P	05 01 44.4 -0.5	BGNE	Belgrade	66.66 335	P	P	05 02 15.7 +0.1
336A	Riesel	57.63 330	P	P	05 01 16.5 +0.7	baz=58	Y29A	Porterfield Fa	61.98 328	P	P	05 01 45.2 -0.3	BGNE	Belgrade	66.66 335	eP	P	05 02 15.8 +0.1
139A	Dunkhouse Ranc	57.64 333	P	P	05 01 16.4 +0.6	baz=58	V33A	Lossen Ranch,	61.99 332	P	P	05 01 45.6 +0.1	214A	Orgs Pipe Nat	66.81 319	P	P	05 02 18.3 +1.5
237A	Washetta, Mont	57.67 332	P	P	05 01 17.4 +1.2	baz=58	T36A	Boggs Farm, Ca	62.03 335	P	P	05 01 45.5 -0.2	M31A	Lambrecht	66.94 335	P	P	05 02 18.4 +1.0
335A	Moody	57.82 330	P	P	05 01 17.7 +0.6	baz=58	SFIN	Scholer Farm	62.05 343	P	P	05 01 44.0 -1.7	SDCO	Great Sand Dun	66.95 328	P	P	05 02 19.2 +1.3
631A	Perdido Creek	57.88 326	P	P	05 01 17.4 -0.2	baz=58	X30A	Coker Ranch, T	62.06 329	P	P	05 01 45.9 -0.2	SDCO	Great Sand Dun	66.95 328	eP	P	05 02 19.1 +1.2
138A	Matatal Enter	57.92 333	P	P	05 01 19.0 +1.2	baz=58	T35A	Sooner Cattle	62.16 334	P	P	05 01 46.4 -0.2	P27A	Ficken Ranch,	66.99 331	P	P	05 02 19.0 +1.1
137A	Heron Place, G	58.16 332	P	P	05 01 20.9 +1.4	baz=58	U34A	Anderson Ranch	62.19 333	P	P	05 01 46.7 0.0	DBIC	Dimbokro	67.04 74	P	P	05 02 17.9 -0.7
433A	Art	58.19 328	P	P	05 01 19.4 -0.4	baz=58	U34A	Anderson Ranch	62.19 333	eP	P	05 01 46.6 -0.2	L32A	Elgin	67.11 336	P	P	05 02 18.5 -0.1
334A	Lometa	58.25 329	P	P	05 01 20.3 +0.2	baz=58	S37A	Fort Scott	62.22 336	P	P	05 01 46.7 -0.2	N29A	Votaw Ranch, W	67.17 333	P	P	05 02 19.7 +0.8
WVT	Waverly	58.32 341	eP	P	05 01 18.6 -1.9	comp=Z, 3.9nm, 0.8s	W31A	Holland Ranch,	62.22 330	P	P	05 01 46.8 -0.2	K33A	Hardin	67.25 337	P	P	05 02 19.4 0.0
WHX	Lake Whitney	58.42 330	P	P	05 01 21.6 +0.3	baz=59	V32A	Arapaho	62.25 331	P	P	05 01 47.6 +0.4	N28A	Pribbeno Ranch	67.46 333	P	P	05 02 21.7 +0.9
531A	Rocksprings	58.46 327	P	P	05 01 22.3 +0.6	baz=59	Y28A	McKinney Farm,	62.31 328	P	P	05 01 47.4 -0.3	O27A	Beecher Island	67.46 332	P	P	05 02 22.0 +1.1
333A	Richland Sprin	58.60 329	P	P	05 01 22.7 0.0	baz=59	X29A	Tulia	62.46 329	P	P	05 01 48.7 -0.1	L31A	Butterfield Fa	67.58 335	P	P	05 02 21.9 +0.4
Y39A	Lockesburg	58.60 334	P	P	05 01 22.7 +0.2	baz=59	S36A	Lake Cedric, C	62.49 335	P	P	05 01 48.7 0.0	S22A	4UR Ranch, Cre	67.62 327	P	P	05 02 22.8 +0.7
432A	Menard	58.64 328	P	P	05 01 23.0 +0.1	baz=59	T34A	McClaskey Farm	62.54 334	P	P	05 01 49.2 +0.2	I35A	Creekview Farm	67.63 339	P	P	05 02 21.3 -0.4
234A	Clairette	58.75 330	P	P	05 01 23.8 +0.2	baz=59	MSTX	Muleshoe	62.62 327	P	P	05 01 49.5 -0.3	Q24A	Divide	67.73 329	P	P	05 02 23.8 +1.0
Y38A	Idabel	58.86 334	P	P	05 01 24.4 +0.1	baz=59	MSTX	Muleshoe	62.62 327	eP	P	05 01 49.7 -0.2	J33A	Davis	67.86 337	P	P	05 02 22.9 -0.2
530A	J-C Ranch, Com	58.86 326	P	P	05 01 24.6 +0.1	baz=59	V31A	Spring Creek L	62.66 331	P	P	05 01 49.5 -0.4	O26A	Horse Wrangler	67.88 331	P	P	05 02 24.6 +1.1
431A	Sonora	58.90 327	P	P	05 01 24.8 +0.1	baz=59	S35A	Otter Creek Ra	62.74 335	P	P	05 01 50.4 0.0	MVCO	Mesa Verde	68.09 326	P	P	05 02 26.2 +1.2
MIAR	Mount Ida	58.92 335	P	P	05 01 24.3 -0.5	baz=59	X28A	Dimmitt	62.77 328	P	P	05 01 50.6 -0.2	MVCO	Mesa Verde	68.09 326	eP	P	05 02 26.0 +1.1
MIAR	Mount Ida	58.92 335	eP	P	05 01 24.3 -0.8	comp=Z, 6.0nm, 0.7s	U32A	Winter Ranch,	62.78 332	P	P	05 01 50.2 -0.5	ECSD	EROS Data Cent	68.09 338	P	P	05 02 24.0 -0.6
332A	Millersview	59.03 328	P	P	05 01 25.6 +0.1	baz=59	HDIL	Hopedale	62.84 342	P	P	05 01 49.2 -1.7	ECSD	EROS Data Cent	68.09 338	eP	P	05 02 23.9 -0.6
Z36A	Blue Ridge	59.03 332	P	P	05 01 25.8 +0.3	baz=59	HDIL	Hopedale	62.84 342	eP	P	05 01 49.1 -1.8	SPMN	St. Paul	68.15 341	P	P	05 02 24.1 -0.8
233A	Rising Star	59.13 329	P	P	05 01 26.4 +0.2	baz=59	R36A	Gordon, Harris	62.97 336	P	P	05 01 51.3 -0.6	SPMN	St. Paul	68.15 341	eP	P	05 02 23.7 -1.2
134A	White-Moore Ra	59.20 330	P	P	05 01 26.9 +0.3	baz=59	Q37A	Longview Farm,	63.06 337	P	P	05 01 52.0 -0.4	J32A	Parkston	68.23 337	P	P	05 02 25.3 -0.1
Y37A	Hugo	59.28 333	P	P	05 01 27.9 +0.8	baz=59	S34A	Willow Spring	63.08 334	P	P	05 01 52.4 -0.2	K30A	Basset	68.31 335	P	P	05 02 26.2 +0.2
331A	San Angelo	59.31 327	P	P	05 01 27.5 0.0	baz=60	R35A	Emporia Munci	63.25 335	P	P	05 01 53.9 +0.2	I33A	Coleman	68.43 338	P	P	05 02 26.7 0.0
430A	Baggett Ranch,	59.31 326	P	P	05 01 27.4 -0.2	baz=60	W28A	Vega	63.36 329	P	P	05 01 54.9 +0.2	WUAZ	Wupatki	68.44 323	P	P	05 02 27.9 +0.7
529A	Stev Forest Ra	59.31 325	P	P	05 01 27.9 +0.4	baz=60	Q36A	Arnold, C. Orve	63.51 336	P	P	05 01 56.0 +0.6	J31A	Geddes	68.50 336	P	P	05 02 26.9 -0.2
232A	Coleman	59.39 328	P	P	05 01 28.0 0.0	baz=60	Q35A	Mercer Eighty,	63.65 336	P	P	05 01 55.9 -0.4	M27A	Reverse DX Ran	68.51 333	P	P	05 02 27.8 +0.4
PARMO	Parma	59.42 339	eP	P	05 01 28.5 +0.4	baz=60	R34A	Isabella, Hill	63.65 334	P	P	05 01 56.3 0.0	ISCO	Idaho Springs	68.61 329	P	P	05 02 28.7 +0.5
Z35A	Perchaven, San	59.45 331	P	P	05 01 28.8 +0.4	baz=60	T31A	Randall Ranch,	63.68 332	P	P	05 01 57.0 +0.4	ISCO	Idaho Springs	68.61 329	eP	P	05 02 28.5 +0.3
Y36A	Durant	59.50 333	P	P	05 01 29.5 +0.8	baz=60	V28A	Channing	63.77 329	P	P	05 01 57.8 +0.5	H34A	Spellman Lake,	68.61 339	P	P	05 02 27.4 -0.3
TXAR	Lajitas Array	59.50 323	P	P	05 01 28.8 -0.2	comp=Z, 1.0nm, 0.5s, baz=154, slow=8.4, SNR=29	LONY	Lake Ozonia	63.91 355	eP	P	05 01 57.2 -0.7	K29A	Sally Trails An	68.67 335	P	P	05 02 28.7 +0.5
429A	Davenport Ranc	59.53 326	P	P	05 01 29.4 +0.3	baz=60	P36A	Gov Intent, A	63.99 337	P	P	05 01 57.8 -0.7	SMCO	Snowmass	68.79 328	eP	P	05 02 29.9 +0.4
X38A	Whitesboro	59.54 334	P	P	05 01 29.5 +0.5	baz=60	SNA	Sanae	63.99 161	P	P	05 02 00.1 +1.8	M26A	McRoberts Ranc	68.79 332	P	P	05 02 29.5 +0.4
133A	Hamilton Ranch	59.62 330	P	P	05 01 30.0 +0.4	baz=60	SNA	Sanae	63.99 161	eP	P	05 01 60.0 +1.8	J30A	Dallas	68.81 336	P	P	05 02 29.6 +0.5
X37A	Clayton	59.69 334	P	P	05 01 30.8 +0.8	comp=Z, 2.9nm, 1.2s	Q34A	Chapman	64.06 335	P	P	05 01 58.8 -0.2	PV01	Paradox Valley	68.81 326	eP	P	05 02 30.4 +1.0
MCWV	Mont Chateau	59.73 349	eP	P	05 01 27.8 -2.4	baz=64	KSU1	Kansas State U	64.08 335	P	P	05 01 59.0 -0.1	H33A	Prehn Over Nor	68.96 338	P	P	05 02 30.0 0.0
W38A	Poteau	59.76 335	P	P	05 01 30.8 +0.4	baz=64	P35A	Duane Minner,	64.22 336	P	P	05 01 59.3 -0.7	H32A	Carlson Farm,	69.05 338	P	P	05 02 30.1 -0.4
330A	Mertzton	59.77 327	P	P	05 01 30.5 -0.2	baz=64	O36A	Bolkow	64.35 337	P	P	05 02 00.0 -0.8	K28A	Ten Mile Ranch	69.05 334	P	P	05 02 31.5 +0.9
Z34A	Collier Ranch,	59.78 331	P	P	05 01 31.0 +0.4	baz=64	R32A	Long Quarter,	64.36 333	P	P	05 02 01.0 0.0	Y12C	Blythe	69.08 319	P	P	05 02 32.3 +1.4
Y35A	Marietta	59.83 332	P	P	05 01 31.7 +0.8	baz=64	Q33A	Connelly Farm,	64.48 334	P	P	05 02 01.8 +0.1	J29A	Okreek	69.21 335	P	P	05 02 31.9 +0.4
ABTX	Abilene, Hawle	59.88 329	P	P	05 01 32.5 +0.5	baz=65	P34A	Walnut Farm, R	64.55 335	P	P	05 02 02.2 0.0	PDMCI	Parker Dam, Lak	69.22 320	P	P	05 02 32.6 +0.9
X36A	Centrahoma	60.09 333	P	P	05 01 32.6 -0.2	baz=65	U27A	Thompson Grove	64.59 329	P	P	05 02 03.0 +0.3	I30A	Oacoma	69.29 336	P	P	05 02 32.0 +1.1
Z33A	Whitaker Ranch	60.11 330	P	P	05 01 33.0 +0.2	baz=65	R31A	Burdett	64.60 333	P	P	05 02 02.6 0.0	K27A	Flueckinger Fa	69.41 333	P	P	05 02 33.9 +1.0
230A	Sterling City	60.12 327	P	P	05 01 33.6 +0.6	baz=65	S29A	Ulysses	64.76 331	P	P	05 02 04.4 +0.8	J28A	Allard Ranch,	69.59 335	P	P	05 02 34.6 +0.8
W37A	Quinton	60.19 334	P	P	05 01 33.8 +0.4	baz=65	Q32A	Meitler Ranch,	64.78 334	P	P	05 02 03.9 +0.2	N23A	Red Feather La	69.62 330	P	P	05 02 35.5 +1.1
Y34A	Reagan Ranch,	60.20 331	P	P	05 01 33.6 +0.2	baz=65	T28A	Wales	64.81 330	P	P	05 02 04.3 +0.2	I29A	Vivian Onida	69.72 336	P	P	05 02 34.5 -0.1
X35A	Drake	60.22 332	P	P	05 01 33.4 -0.2	baz=65	O35A	Humboldt	64.82 336	P	P	05 02 04.3 +0.4	IRM	Iron Mountain	69.75 319	P	P	05 02 36.5 +1.5
329A	Wagon Wheel Ra	60.25 326	P	P	05 01 33.9 -0.1	baz=65	R30A	Dighton	64.92 332	P	P	05 02 05.2 +0.5	J27A	Elkhorn Farm,	69.76 334	P	P	05 02 36.2 +1.2
131A	Roby	60.39 328	P	P	05 01 35.0 +0.1	baz=65	O34A	Beatrice	65.04 336	P	P	05 02 05.1 -0.3	O20A	White River Ci	70.15 328	P	P	05 02 38.9 +1.3
V38A	Canehill	60.40 335	P	P	05 01 34.5 -0.3	baz=65	T27A	Campo	65.05 330	P	P	05 02 05.9 +0.2	O20A	White River Ci	70.15 328	eP	P	05 02 38.8 +1.3
Z32A	Haskell	60.46 330	P	P	05 01 35.3 0.0	baz=65	S28A	Manter	65.09 331	P	P	05 02 06.1 +0.2	J26A	Sides Ranch, S	70.26 333	P	P	05 02 39.1 +1.1
W36A	Wetumka	60.53 333	P	P	05 01 35.5 -0.1	baz=65	CBKS	Cedar Bluff	65.13 333	P	P	05 02 06.4 +0.4	I27A	Quinn	70.45 334	P	P	05 02 39.9 +0.8
229A	Bryant Ranch,	60.55 327	P	P	05 01 35.3 -0.7	baz=65												

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EMIJ Mijas, EMIJ, EMIJ Mijas, EMIJ.

CSEM 15 05:39:33.0, 47.18N, 10.40E, h8km, ML 1.2/5
VIE 15 05:39:33.0, 47.18N, 10.40E, h8km, 7km, mb1.6/1, ml1.2/5, 10-7D, Error ellipse: s-maj=0.9km s-min=0.8km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FETA Feichten, FETA Feichten, FETA Feichten, DAVA Damuels, DAVA Damuels, DAVA Damuels, DAVA Damuels, DAVA Damuels, RETA Reutte, RETA Reutte, RETA Reutte, RETA Reutte, MOTA Moosalm, MOTA Moosalm, MOTA Moosalm, MOTA Moosalm.

CSEM 15 05:39:42.4, 40.84N, 24.06E, h10km, ML 1.4/6
THE 15 05:39:42.4, 40.84N, 24.06E, h10km, 15km, ML 1.4/6, Aegean Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KAVA Kavala, KAVA Kavala, KAVA Kavala, SRS Serrai, SRS Serrai, SRS Serrai, OUR Ouranopolis, OUR Ouranopolis, OUR Ouranopolis, NVR Nevrokopi, NVR Nevrokopi, NVR Nevrokopi, SOH Sokhos, SOH Sokhos, KNT Kendrikon, KNT Kendrikon, KNT Kendrikon.

DDA 15 05:51:23.4, 37.47N, 35.84E, h5km, MD3.2
ISK 15 05:51:23.4, 37.47N, 35.84E, h3km, ML3.0
CSEM 15 05:51:25.0, 37.40N, 35.86E, h2km, ML3.0, Error ellipse: s-maj=4.6km s-min=4.4km az=158.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KOZT Kozan, KOZT Kozan, KOZT Kozan, CEYT Ceyhan, CEYT Ceyhan, ANDN Andirindir, ANDN Andirindir, KARA Karaisali, KARA Karaisali, HCB Kahramanmara, HCB Kahramanmara, KMRS Kahramanmara, KMRS Kahramanmara, KRYS Karatas, KRYS Karatas, TAHT Tahtakopr-Hat, TAHT Tahtakopr-Hat, KUZU Kuzuini, KUZU Kuzuini, MERS Mersin, MERS Mersin, NIG Nigde, NIG Nigde, YAYL Yayladag, YAYL Yayladag, GZT Gaziantep, GZT Gaziantep, PINB Pinarbasi, PINB Pinarbasi, AVNT Avonos, AVNT Avonos, YESY Yesilyurt, YESY Yesilyurt, CUGUR Gurin_S_VAS, CUGUR Gurin_S_VAS, AKCD Akcadag, AKCD Akcadag, SULT Sultanhani-AKS, SULT Sultanhani-AKS, CUSAR Sarkisla-SIVAS, MALT Malatya, MALT Malatya, YOZG Yozgat, YOZG Yozgat, ERMK Ermenek, ERMK Ermenek, CDAG Cicekdag, CDAG Cicekdag, SVSK Karacayir, SVSK Karacayir, HDMB Hadim, HDMB Hadim, SVRC Sivrice-ELAZID, SVRC Sivrice-ELAZID, CORM Corum, CORM Corum, PTK Pertek, PTK Pertek.

SZGRF 15 05:51:37.5, 24.12S, 176.08W, h33km, mb4.9, South of Fiji Islands
AUST 15 05:52:37.1, 10.0, 23.49S, 179.65W, h52km, 1km, Error ellipse: s-maj=3.2km s-min=2.5km az=267.0
ISCJB 15 05:52:37.8, 0.3, 23.44S, 0.06, 179.95W, 0.06, h532km, mb4.3/30, Error ellipse: s-maj=9.0km s-min=5.7km az=143.6

BUI 15 05:52:38.6, 23.70S, 179.90W, h550km, mb4.5/3, mb4.5/1
NEIC 15 05:52:40.6, 1.0, 23.70S, 179.88W, h560km, 13km, mb4.4/20, Error ellipse: s-maj=15.8km s-min=7.8km az=161.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RAOU Raoul Island, RAOU Raoul Island, NIUE Niue, NIUE Niue, AFI Afiamalu, AFI Afiamalu, DZM Mont Dzumac, DZM Mont Dzumac, URZ Urewera, URZ Urewera, KHZ Kaharua, KHZ Kaharua, RPZ Rata Peaks, RPZ Rata Peaks, RPZ Rata Peaks, WHZ Wether Hill Ro, WHZ Wether Hill Ro, ARMA Armidale, ARMA Armidale, EIDS Eidsvold, EIDS Eidsvold, MGCD Mangrove Creek, MGCD Mangrove Creek, RMQ Roma, RMQ Roma, CNB Canberra Mague, CNB Canberra Mague, CMAA Colbar, CMAA Colbar, CTA Charters Tower, CTA Charters Tower, CTAO Charters Tower, CTAO Charters Tower, QLP Quilpie, QLP Quilpie, TOO Toolangi, TOO Toolangi, MTSU Mount Surprise, MTSU Mount Surprise, STKA Stephens Creek, STKA Stephens Creek, HTT Hallett, HTT Hallett, BBOO Babelo, BBOO Babelo, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, WRAB Tennant Creek, WRAB Tennant Creek, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, KDU Kakedu, KDU Kakedu, FORT Forrest, FORT Forrest, FORT Forrest, FORT Forrest, MREE Meekatharra, MREE Meekatharra, KKM Kota Kinabalu, KKM Kota Kinabalu, MJAR Matsushiro Arr, MJAR Matsushiro Arr, MAW Mawson, MAW Mawson, PETK Petropavlovsk, PETK Petropavlovsk, ISA Isabella, ISA Isabella, CMB Columbia Colle, CMB Columbia Colle, WAKR Walker, WAKR Walker, NVAR Mina Array Bea, NVAR Mina Array Bea, SNAAC Sanas, SNAAC Sanas, TUC Tucson, TUC Tucson, GYA Gulyang, GYA Gulyang, CYA Cedar City, CYA Cedar City, G08A Pilot Rock, G08A Pilot Rock, MFID Camas Ranch, MFID Camas Ranch, KMI Kunming, KMI Kunming, CAST Castle Rocks, CAST Castle Rocks, TMUT Trail Mountain, TMUT Trail Mountain, HLID Hailey, HLID Hailey, SPUT South Promonto, SPUT South Promonto, HVU Hansel Valley, HVU Hansel Valley, SRU San Rafael, SRU San Rafael, TXAR Lajitas Array, TXAR Lajitas Array, HHC Huo-ho-hao-te, HHC Huo-ho-hao-te, HHC Huo-ho-hao-te, HHC Huo-ho-hao-te, HWUT Hardware Ranch, HWUT Hardware Ranch, ANMO Albuquerque, ANMO Albuquerque, CD2 Chendou, CD2 Chendou, ILAR Eielson Array, ILAR Eielson Array, LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, MKAR Makanchi Array, MKAR Makanchi Array, KURBB Kurchatov Arr, KURBB Kurchatov Arr, BVAR Borovoye Array, BVAR Borovoye Array.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKTO Aktyubinsk, AKTO Aktyubinsk, ACES ARCESS Array B, ACES ARCESS Array B, FINES FINESS Array B, FINES FINESS Array B, NB2 NORSAR Subarray1, NB2 NORSAR Subarray1, NOA NORSAR Array B, NOA NORSAR Array B, AKASA Matin Array B, AKASA Matin Array B, ASF Jabal al Araf, ASF Jabal al Araf, BRTR Keskin Array B, BRTR Keskin Array B, MMAL Mount Meron Arr, MMAL Mount Meron Arr, TESR Tescani, TESR Tescani, BURAR Bucovina Array, BURAR Bucovina Array, TLB Topalu, TLB Topalu, VRI Vriencia, VRI Vriencia, MLR Muntele Rosu, MLR Muntele Rosu, MLR Muntele Rosu, MLR Muntele Rosu, DOPR Dopca, DOPR Dopca, CJR Cluj-Napoca, CJR Cluj-Napoca, VOIR Voiron, VOIR Voiron, DPC D Bruska-Polom, DPC D Bruska-Polom, KRLO Kraljic, KRLO Kraljic, ARR Arges, ARR Arges, CLL Collim, CLL Collim, CLL Collim, CLL Collim, CLL Collim, DRGR Berggiesshubb, DRGR Berggiesshubb, BRG Berggiesshubb, BRG Berggiesshubb, PVCC Panska Ves, PVCC Panska Ves, VRAC Vranov, VRAC Vranov, GOPC GO Peeny, Ondr, GOPC GO Peeny, Ondr, PRU Pruhonic, PRU Pruhonic, TANN Tannenbergssta, TANN Tannenbergssta, MOXA Moxa, MOXA Moxa, WERD Werd, WERD Werd, PLN Plauen, PLN Plauen, GUNZ Gunzen, GUNZ Gunzen, WERN Wernitzgrun, WERN Wernitzgrun, KHC Kasperke Hory, KHC Kasperke Hory, GRF Grafenberg Arr, GRF Grafenberg Arr, WET Wetzell, WET Wetzell, GERES GERESS Array B, GERES GERESS Array B, PKSM Moray, PKSM Moray, TORD Torod Ar. Bea, TORD Torod Ar. Bea, TORD Torod Ar. Bea.

NEIC 15 06:05:30.5, 1.2, 0.02S, 123.25E, h106km, 1km, mb4.6/1, Error ellipse: s-maj=23.1km s-min=8.9km az=65.0
IDD 15 06:05:30.6, 2.2, 0.01S, 123.27E, h108km, 19km, mb3.5/10, mb1.3/7.1, ms1mx2.5/49, mbtmp3.9/11, MS4.3/1, MS1.4/3.1, ms1mx2.7/28, Error ellipse: s-maj=3.10km s-min=12.9km az=70.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GTOI Gorontalo, GTOI Gorontalo, LUWI Luwuk, LUWI Luwuk, LUWI Luwuk, MRSI Marisa, MRSI Marisa, KMSI Cibinong, KMSI Cibinong, APMSI Ampana, APMSI Ampana, TOLI Toli-Toli, TOLI Toli-Toli, MPMSI Papaga, MPMSI Papaga, PCI Palu, PCI Palu, SANI Sanana, SANI Sanana, KDI Kendari, KDI Kendari, TTSI Tana Toraja, TTSI Tana Toraja, TNTI Ternate, TNTI Ternate, LBMI Labuha, LBMI Labuha, LBMI Labuha, SANGI Sangihe, SANGI Sangihe, SPMSI Sidrap Palu, SPMSI Sidrap Palu, NLAI Namlea, NLAI Namlea, BBSI Bau Bau, BBSI Bau Bau, KAPI Kappang, KAPI Kappang, KAPI Kappang, KAPI Kappang, BKSI Bulukumba, BKSI Bulukumba, BSSI Bau Bau, BSSI Bau Bau, MSAI Masohi, MSAI Masohi, SIJI Sijunjung, SIJI Sijunjung, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, MJAR Matsushiro Arr, MJAR Matsushiro Arr, SONM Sonm, SONM Sonm, MKAR Makanchi Array, MKAR Makanchi Array.

U73B		eSn	Sb	07 52 04.1	-0.1
TACH	Talagante	3.19	5	07 51 28.4	+1.8
RCDM	Rinconada Maip	3.36	6	07 51 30.8	+1.8
CLCH	Cerro Calan	3.48	10	07 51 33.2	+2.5
IHA	Insstituto Hdr	3.82	355	07 51 36.8	+1.6
PLCA	Paso Flores	3.93	172	07 51 31.0	+5.7
PLCA		eS	Sb	07 52 32.3	-0.9
AGRO	Agrelo	4.24	29	07 51 48.8	-2.5
ARCO	CERRO ARCO	4.42	26	07 51 49.7	-4.7
ARCO		IAML	Pb	07 52 10.7	
AUSP	Uspallata	4.85	19	07 51 52.3	+2.6
AUSP		eS	Sg	07 53 09.1	-3.9
RTLS	Leoncito	5.28	18	07 51 57.2	+1.6
SJA	San Juan	5.75	24	07 52 05.2	+3.4
SJA		eS	Sb	07 53 30.4	+4.8
CFJA	Coronel Fontan	5.79	26	07 52 04.9	+2.6
CFJA	comp=Z,1.1nm,0.3s,baz=250,slow=14,SNR=299				
CFAA		Lg	Lg	07 53 37.6	
CFAA	comp=Z,2.8nm,0.3s,baz=250,slow=8.4,SNR=42				
RTLL	Cerro Villicu	5.96	23	07 52 07.5	+2.9
AMOG	MOGNA	6.31	22	07 52 11.4	+1.8
ACHE	Chepes	6.82	35	07 52 24.1	+7.5
ACHE		eS	Pb	07 54 04.6	+8.0
TRQA	Tornquist	7.47	102	07 52 24.1	+1.3
TRQA	Las Campanas	7.82	4	07 52 30.6	+0.1
TRQA		ePn	Sn	07 53 53.9	-4.8
CLCC	CERRO LA CRUZ	8.22	27	07 52 37.8	+1.9
VCA	Vinchina	8.47	18	07 52 37.4	-1.9
VCA		IAML	Pb	07 55 20.5	
CYA	Choya	9.55	30	07 52 57.2	+3.3
CYA	Cafayete	11.61	24	07 53 21.3	-0.9
LVC	Limon Verde	14.32	9	07 53 59.9	+0.5
LVC	comp=Z,45nm,0.3s,baz=208,slow=11,SNR=14				
LVC		Lg	Lg	07 59 53.6	
CPUP	comp=Z,29um,18.2s,baz=168,slow=39				
LVC	Limon Verde	14.32	9	07 54 00.3	+0.8
CPUP	Villa Florida	15.81	52	07 54 18.9	0.0
CPUP	comp=Z,0.1nm,0.3s,baz=239,slow=8.6,SNR=8				
CPUP		Lg	Lg	07 58 54.0	
CPUP	comp=Z,0.4nm,0.3s,baz=168,slow=17,SNR=3.3				
CPUP		Lg	Lg	08 00 21.6	
CPUP	Villa Florida	15.81	52	07 54 16.0	-2.9
CPUP		e	e	07 57 09.1	
CPUP	comp=Z,2.0nm,1.4s				
CPUP	Villa Florida	15.81	52	07 54 16.0	-2.9
CPUP	comp=Z,2.2nm,1.4s				
CPUP		eSn	Sn	07 57 09.1	-4.7
CPUP		Lg	Lg	07 58 54.0	
EFU	East Falkland	17.54	152	07 54 40.9	+0.2
EFU		ePm	ePm		
EFU	comp=Z,145nm,1.7s				
EFU	East Falkland	17.54	152	07 54 40.9	-0.2
USHA	Ushuaia	18.10	175	07 54 49.1	+1.2
USHA	comp=Z,0.2nm,0.3s,baz=331,slow=11,SNR=3.1				
USHA		Lg	Lg	08 01 56.1	
LPAZ	La Paz	20.66	9	07 55 17.1	+0.3
LPAZ	comp=Z,27nm,1.1s,baz=180,slow=8.6,SNR=33				
LPAZ		Lg	Lg	08 04 40.7	
LPAZ	comp=Z,4um,19.1s,baz=151,slow=41				
LPAZ	La Paz	20.66	9	07 55 17.1	+0.3
LPAZ	comp=Z,27nm,1.1s				
LPAZ		MLR	MLR		
LPAZ	comp=Z,4um,19.1s				
LPAZ	La Paz	20.66	9	07 55 17.8	+1.0
LPAZ	comp=Z,66nm,0.9s				
SIV	San Ignacio	22.64	26	07 05 36.6	-1.0
SIV	comp=Z,7.2nm,0.7s,baz=233,slow=12,SNR=15				
SIV		Lg	Lg	08 05 24.5	
BB16B	Bebedouro	25.23	58	07 56 00.0	-2.3
BB16B		i	i	07 56 02.4	-0.2
BB16B		i	i	07 56 10.6	
BB16B		i	i	07 56 16.8	
BB16B		i	i	07 56 28.8	
NNA	Nana	25.25	347	07 56 01.8	-0.8
NNA	comp=Z,23nm,0.9s,baz=193,slow=9.5,SNR=7.8				
NNA		Lg	Lg	08 03 53.7	
NNA	comp=Z,1um,22.0s,baz=170,slow=32				
NNA	Nana	25.25	347	07 56 02.1	-0.4
NNA		eP	eP	07 56 02.5	-0.1
PMSA	Palmer Station	28.30	173	08 07 22.0	
PMSA	comp=Z,1um,18.8s,baz=333,slow=36				
SAML	Samuel	28.71	17	07 56 32.5	-1.1
BDFB	Brasilia	29.52	50	07 56 39.1	-1.8
BDFB	comp=Z,20nm,1.1s,baz=212,slow=7.4,SNR=12				
BDFB		Lg	Lg	08 09 27.7	
BDFB	comp=Z,2um,18.6s,baz=216,slow=39				
BDFB	Brasilia	29.52	50	07 56 39.1	-1.8
BDFB		ePm	ePm		
BDFB	comp=Z,20nm,1.1s				
BDFB		MLR	MLR		
BDFB	comp=Z,2um,18.6s				
BDFB	Brasilia	29.52	50	07 56 38.6	-2.3
PTGA	Pitinga	37.41	19	07 57 41.9	-7.6
OTAV	Otavalo	37.49	348	07 57 51.8	+1.1
OTAV	comp=Z,18nm,1.1s				
ROSC	El Rosal	41.58	355	08 17 33.9	
ROSC	comp=Z,1um,18.5s,baz=187,slow=39				
ROSC	El Rosal	41.58	355	07 58 23.6	-1.1
SDV	Santo Domingo	45.49	1	07 58 54.3	-1.5
SDV	comp=Z,25nm,1.0s				
BCIP	Isia Barro Colorado	46.47	348	07 59 03.9	+0.5
BCIP	comp=Z,20nm,0.8s				
VNA1J	Neumayer-Stat	46.82	156	07 59 06.0	+0.4
JTS	JuntasAbangare	48.62	342	07 59 21.2	+1.1
JTS	comp=Z,38nm,1.2s				
JTS	JuntasAbangare	48.62	342	07 59 21.1	+0.9
JTS	comp=Z,31nm,1.2s				
SNA	Sanae	48.72	157	07 59 19.2	-1.2
SNA		eP	eP	07 59 18.8	-1.6
SNA		ePm	ePm		
SNA	comp=Z,17nm,1.3s				
SNA	Sanae	48.72	157	07 59 18.5	-1.9
FD	Fort de France	52.17	12	07 59 46.8	-0.2
FD	comp=Z,42nm,0.8s				
FD	Fort de France	52.17	12	07 59 46.8	-0.2
QSPA	South Pole Qui	53.40	180	07 59 55.3	-0.5
QSPA	comp=Z,22nm,0.8s,baz=146,slow=3.1,SNR=52				
QSPA	South Pole Qui	53.40	180	07 59 55.7	-0.1
NVL	Nizarevskaya	53.47	156	07 59 57.8	+1.9
NVL		ePPP	ePPP	08 00 07.3	+6.2
NVL		e	e	08 01 15.5	
NVL		ePPP	ePPP	08 01 59.5	
NVL		i	i	08 07 54.1	
NVL		e	e	08 09 48.0	
CRPR	Cabo Rojo, PR	54.69	5	08 00 04.2	-1.2
CRPR	comp=Z,16nm,0.9s				
OBIP	Obispado Ponce	54.76	5	08 00 06.3	+0.3
OBIP	comp=Z,33nm,1.0s				
CELP	Cerrillos	54.79	5	08 00 05.2	-1.0
SJG	San Juan	54.86	6	08 00 04.8	-1.9
SJG	comp=Z,60nm,0.9s				
SJG	San Juan	54.86	6	08 00 04.8	-1.9
HUMP	Col San Antoni	54.92	6	08 00 06.6	-0.4
HUMP	comp=Z,19nm,1.3s				
SMK1	Samana, DR	55.75	2	08 00 13.2	+0.1
RKT	Rikitea	59.54	265	08 14 14.0	
RKT	comp=Z,763nm,30.2s				
RKT		eLR	Lg	08 16 34.0	
GTBY	Guantanamo Bay	56.58	356	08 00 18.6	-0.3
GTBY	comp=Z,37nm,1.0s				
TEIG	Tepich	58.99	341	08 00 35.9	0.0
TEIG	comp=Z,30nm,1.3s				
SBA	Scott Base	60.44	192	08 00 51.1	+5.9

SBA	comp=Z,163nm,2.9s				
SBA	Scott Base	60.44	192	08 00 51.1	+5.9
VNDA	comp=Z,163nm,2.9s				
VNDA	Van	61.45	191	08 00 53.1	+1.0
VNDA	comp=Z,1.3nm,0.6s,baz=125,slow=8.7,SNR=7.4				
VNDA		Lg	Lg	08 25 32.4	
SYO	comp=Z,186nm,19.0s,baz=133,slow=34				
SYO	Syowa Base	63.00	158	08 01 00.4	-2.2
035A	Enviolo	68.29	334	08 01 39.0	+1.8
035A	baz=69				
034A	Hebbornville	68.61	334	08 01 40.7	+1.5
034A	baz=69				
TIGA	Tigon	68.90	349	08 01 40.2	-0.7
934A	Benavides	69.04	334	08 01 43.8	+1.9
934A	baz=69				
933A	Laredo	69.32	334	08 01 45.0	+1.4
933A	baz=70,SNR=8.6				
835A	Beeville	69.43	335	08 01 46.1	+1.8
834A	Tilden	69.53	334	08 01 46.8	+1.9
834A	baz=70				
736A	Circle Diamond	69.80	336	08 01 48.5	+2.0
735A	Kenedy	69.95	335	08 01 48.7	+1.2
637A	Eagle Lake	70.01	337	08 01 49.6	+1.8
637A	baz=70,SNR=11				
833A	Chaparral WMA,	70.01	334	08 01 49.8	+1.0
832A	Faith Ranch, C	70.18	333	08 01 49.6	+0.7
734A	Parita Cree	70.20	335	08 01 50.2	+1.2
734A	baz=71				
636A	Smother's Creek	70.28	336	08 01 50.7	+1.3
MAW	Mawson	70.28	163	08 01 49.6	+0.5
MAW	comp=Z,2.2nm,1.1s,baz=189,slow=7.4,SNR=11				
MAW		Lg	Lg	08 32 25.2	
MAW	comp=Z,1um,19.8s,baz=232,slow=36				
MAW	Mawson	70.28	163	08 01 50.3	+1.2
733A	Divot King Ran	70.33	334	08 01 51.1	+1.2
635A	Leesville	70.43	336	08 01 51.6	+1.2
538A	Harpers Horsep	70.48	338	08 01 52.3	+1.7
538A	baz=71				
PP2T	Papeete2	70.48	262	08 11 01.3	-2.7
PP2T	comp=Z,1.52nm,23.8s				
PP2T	Papeete	70.48	262	08 23 21.8	
440A	Kirbyville	70.52	337	08 01 51.5	+0.5
440A	comp=Z,919nm,26.5s				
732A	Laxson Ranch,	70.58	333	08 01 52.2	+0.9
732A	baz=71				
537A	Green Hill Far	70.60	337	08 01 52.7	+1.3
537A	baz=71				
634A	China Grove, S	70.62	335	08 01 53.3	+1.8
634A	baz=71				
439A	Center Grove,	70.80	339	08 01 54.3	+1.7
439A	baz=71				
536A	Bastrop	70.83	336	08 01 54.3	+1.5
536A	baz=71				
535A	Dale	70.95	336	08 01 54.3	+0.7
535A	baz=71,SNR=5.0				
633A	Saathoff Ranch	70.97	334	08 01 54.8	+1.0
633A	baz=71,SNR=10				
VBMS	Vicksburg	71.03	343	08 01 54.0	+0.1
340A	Bronson	71.13	340	08 01 55.1	+0.5
632A	Uvalde	71.23	334	08 01 56.1	+0.8
632A	baz=72,SNR=16				
437A	Phantom Ranch,	71.24	338	08 01 56.5	+1.2
437A	baz=72				
339A	Huntington	71.24	339	08 01 56.2	+0.9
339A	baz=72				
534A	Blanco	71.25	335	08 01 56.7	+0.2
534A	baz=72				
JSC	Jenkinsville	71.37	351	08 01 56.2	+0.2
JSC	Jenkinsville	71.37	351	08 01 56.2	+0.2
631A	Perdido Creek	71.42	333	08 01 56.7	+0.2
631A	baz=72				
533A	Kerrville	71.48	335	08 01 57.3	+0.5
533A	baz=72,SNR=14				
338A	Crockett	71.49	338	08 01 57.9	+1.1
338A	baz=72				
337A	Centerville	71.62	336	08 01 58.9	+1.3
435B	Jarrell	71.65	336	08 01 58.7	+0.9
435B	baz=72				
NATX	Nacogdoches	71.67	339	08 01 58.6	+0.7
532A	Rocksprings	71.83	334	08 01 59.8	+0.8
532A	baz=72,SNR=25				
239A	Gar	71.86	339	08 01 59.8	+0.8
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TPH	Tonopah	85.79	325	eP	P	08 03 16.9	+1.2
TPH	Tonopah	85.79	325	eP	P	08 03 16.9	+1.2
G28A	Parade	85.83	339	P	P	08 03 15.9	+0.4
I24A	Kuemmerle Ranc	85.85	336	P	P	08 03 16.1	+0.4
TCUT	Toone Canyon	85.86	331	eP	P	08 03 15.9	-0.1
RSSD	Black Hills	85.90	337	eP	Pmax	08 03 16.2	+0.2
RSSD	Black Hills	85.90	337	eP	P	08 03 16.2	+0.2
H26A	Fairpoint	85.96	338	P	P	08 03 17.5	+1.4
J22A	Midwest	86.06	335	P	P	08 03 16.7	-0.1
MLAC	Mammoth Lakes	86.18	324	P	P	08 03 18.6	+1.0
H25A	Fruitdale	86.21	337	P	P	08 03 18.3	+0.9
F29A	Eureka	86.23	340	P	P	08 03 17.7	+0.3
EYMN	Ely	86.33	347	P	P	08 03 19.8	+2.0
J21A	Lysite	86.33	334	P	P	08 03 19.0	+0.8
HWUT	Hardware Ranch	86.34	331	eP	P	08 03 18.5	+0.3
BGU	Big Grassy Mou	86.35	330	eP	P	08 03 19.6	+1.3
G27A	Dupree	86.40	339	P	P	08 03 18.7	+0.4
SPUT	South Promonto	86.44	330	eP	P	08 03 19.8	+1.0
I22A	9 Mile Ranch	86.49	335	P	P	08 03 19.0	+0.1
F28A	McLaughlin	86.51	340	P	P	08 03 19.2	+0.4
G26A	Maurine	86.52	338	P	P	08 03 19.4	+0.5
J20A	Shoshoni	86.56	334	P	P	08 03 20.2	+1.0
NVAR	Mina Array Bea	86.58	325	P	P	08 03 20.0	+0.5
BW06	Boulder Array	86.58	333	eP	P	08 03 19.4	-0.1
E30A	Jud	86.61	341	P	P	08 03 20.7	+1.5
G25A	Newell	86.67	338	P	P	08 03 20.3	+0.7
I21A	Big Trails, Te	86.69	335	P	P	08 03 19.9	0.0
J19A	Crowheart	86.83	337	P	P	08 03 21.2	+0.6
E29A	Napoleon	86.86	341	P	P	08 03 21.2	+0.7
F27A	Lemmon	86.88	339	P	P	08 03 22.3	+1.7
HVU	Hansel Valley	86.97	330	eP	P	08 03 21.6	+0.3
HVU	Hansel Valley	86.97	330	eP	P	08 03 21.6	+0.3
F26A	Lodgepole	87.05	339	P	P	08 03 21.8	+0.4
H22A	Clearmont	87.06	336	P	P	08 03 21.7	0.0
I20A	Worland	87.10	334	P	P	08 03 22.5	+0.7
G24A	Alzada	87.10	337	P	P	08 03 22.2	+0.4
ELK	Elko	87.11	328	eP	P	08 03 23.3	+1.2
ELK	Elko	87.11	328	eP	P	08 03 23.3	+1.2
D30A	Buchanan	87.13	342	P	P	08 03 22.2	+0.5
E28A	Huff	87.15	340	P	P	08 03 22.3	+0.4
WAKR	Walker	87.16	324	eP	P	08 03 23.4	+1.0
CMB	Columbia Colle	87.24	323	eP	P	08 03 23.5	+0.9
CMB	Columbia Colle	87.24	323	eP	P	08 03 23.5	+0.9
E27A	Carson	87.26	340	P	P	08 03 22.9	+0.5
H21A	Big Horn, Sher	87.32	335	P	P	08 03 23.4	+0.4
F25A	Bowman	87.35	338	P	P	08 03 23.5	+0.6
I19A	Meceteese	87.48	334	P	P	08 03 23.9	+0.1
H20A	Greybull	87.53	335	P	P	08 03 23.5	-0.3
E26A	Carlson Angus	87.55	339	P	P	08 03 24.4	+0.6
AGMN	Agassiz Nation	87.56	344	P	P	08 03 25.1	+1.3
AGMN	Agassiz Nation	87.56	344	P	P	08 03 25.1	+1.3
AGMN	Agassiz Nation	87.56	344	eP	P	08 03 23.6	-0.1
REDW	Red Top Meadow	87.57	332	eP	P	08 03 24.5	+0.2
C30A	Mose, Pekin	87.62	342	P	P	08 03 25.0	+0.9
PAF	Port-aux-Franc	87.63	156	S	SS	08 14 00.0	-5.4
PAF	Port-aux-Franc	87.63	156	S	SS	08 14 00.0	-5.4
PAF	Port-aux-Franc	87.63	156	S	SS	08 14 00.0	-5.4
D28A	Regan	87.68	340	P	P	08 03 25.1	+0.6
LOHW	Long Hollow	87.69	333	eP	P	08 03 24.5	-0.4
TPAW	Teton Pass	87.72	332	eP	P	08 03 24.3	-0.7
B32A	Ashes, Strandq	87.80	343	P	P	08 03 24.9	-0.1
E25A	Miller Ranch	87.85	338	P	P	08 03 25.7	+0.4
D27A	Center	87.87	340	P	P	08 03 25.8	+3.1
FXWY	Fox Creek	87.87	332	eP	P	08 03 25.7	0.0
H19A	Powell	88.03	334	P	P	08 03 27.2	+0.9
MDND	Maddock	88.03	341	P	P	08 03 26.9	+0.9
MDND	Maddock	88.03	341	eP	P	08 03 26.0	-0.1
D26A	Manning	88.05	339	P	P	08 03 27.0	+0.8
IMW	Indian Meadow	88.06	332	eP	P	08 03 26.1	-0.6
B31A	Greenbush Farm	88.09	343	P	P	08 03 27.4	+1.1
C28A	Hausauer Farms	88.12	341	P	P	08 03 27.2	+0.7
FLWY	Flag Ranch	88.14	333	eP	P	08 03 26.9	-0.1
B30A	Myrvik Farm, E	88.28	342	P	P	08 03 27.4	+0.2
LSZ	Lusaka	88.32	108	eP	Pmax	08 03 29.6	+1.1
LSZ	Lusaka	88.32	108	eP	P	08 03 29.6	+1.1
D25A	Fairfield	88.42	339	P	P	08 03 28.7	+0.8
RLMT	Red Lodge	88.52	334	P	P	08 03 29.8	+1.0
RLMT	Red Lodge	88.52	334	eP	P	08 03 27.7	-1.1
B29A	Wagenman Farm	88.54	342	P	P	08 03 29.3	+0.9
A30A	Hoffart Farm	88.72	343	P	P	08 03 29.7	+0.4
YMR	Madison River	88.74	333	eP	P	08 03 30.6	+0.9
B28A	Dugan Ranch, T	88.79	341	P	P	08 03 30.8	+1.2
LAO	LASA Array	88.88	337	P	P	08 03 31.0	+0.8
LAO	LASA Array	88.88	337	eP	P	08 03 29.2	-1.0
C29A	Freed Ranch, W	88.90	339	P	P	08 03 31.6	+1.3
A25A	Manning Farm	88.94	342	P	P	08 03 30.4	+0.1
B27A	Peters Farms	88.98	341	P	P	08 03 31.3	+0.7
HLID	Halley	89.12	330	P	P	08 03 32.6	+1.0
HLID	Halley	89.12	330	eP	P	08 03 32.5	+0.9
A28A	Rude Farm, Bot	89.19	341	P	P	08 03 32.5	+1.0
GCMT	Greycliff	89.24	334	eP	P	08 03 32.2	+0.2
ULM	Lac du Bonnet	89.40	344	P	P	08 03 31.4	-1.0
A27A	Ledoux Ranch	89.48	341	P	P	08 03 33.6	+0.7

baz=90	MFID	Camas Ranch	89.57	329	eP	P	08 03 34.8	+1.2
baz=90	MCMT	McKenzie Canyo	89.57	332	eP	P	08 03 34.7	+0.9
baz=90	A26A	Wade Farm, Ken	89.64	340	P	P	08 03 34.1	+0.5
baz=90	O03D	Paynes Creek	89.70	324	P	P	08 03 35.4	+1.2
baz=90	BOZ	Bozeman (W)	89.82	333	eP	Pmax	08 03 35.0	+0.3
baz=90	BOZ	Bozeman (W)	89.82	333	eP	P	08 03 35.5	+0.8
baz=90	BOZ	Bozeman (W)	89.82	333	eP	P	08 03 35.0	+0.3
baz=90	DGMT	Dagmar	89.86	339	P	P	08 03 36.4	+1.7
baz=90	DGMT	Dagmar	89.86	339	eP	P	08 03 33.2	-1.5
baz=90	DLMT	Dillon	89.93	332	eP	P	08 03 35.2	0.0
baz=90	WVOR	Wild Horse Val	89.96	327	eP	P	08 03 37.0	+1.6
baz=90	WVOR	Wild Horse Val	89.96	327	eP	P	08 03 37.0	+1.6
baz=90	A25A	Swangstu Ranch	89.97	340	P	P	08 03 36.6	+1.4
baz=90	LRM	Limekiln Ridge	90.27	333	eP	P	08 03 37.7	+0.7
baz=90	MOD	Modoc	90.27	326	eP	P	08 03 37.9	+0.9
baz=90	WDC	Whiskeytown Da	90.27	324	eP	P	08 03 39.3	+2.5
baz=90	WDC	Whiskeytown Da	90.27	324	eP	P	08 03 39.3	+2.5
baz=90	N02D	Trinity Center	90.66	324	P	P	08 03 40.5	+1.8
baz=91	M04C	Macdoel	90.88	325	P	P	08 03 41.3	+1.5
baz=91	M02C	Callahan	91.05	324	P	P	08 03 41.6	+1.1
baz=91	K05A	Summer Lake	91.19	326	eP	P	08 03 43.2	+1.9
baz=91	EGMT	Eagleton	91.21	335	P	P	08 03 42.3	+1.3
baz=91	SCHO	Schefferville	91.38	3	LR	LR	08 05 28.1	
baz=91	MSO	Missoula	91.67	332	P	P	08 03 44.4	+1.1
baz=92	MSO	Missoula	91.67	332	eP	P	08 03 47.0	+3.7
baz=92	J05D	Fort Rock, OR	91.79	326	P	P	08 03 44.6	+0.6
baz=92	SLMT	Seelye Lake	91.85	333	eP	P	08 03 43.9	-0.3
baz=92	G08A	Pilot Rock	92.40	328	eP	P	08 03 47.3	+0.6
baz=92	I05D	Terrebonne, OR	92.66	327	P	P	08 03 49.1	+1.2
baz=92	TAM	Tamanrasset	93.47	64	eP	Pmax	08 03 52.1	-0.1
baz=92	TAM	Tamanrasset	93.47	64	eP	Pmax	08 03 52.1	-0.1
baz=92	HAWA	Hanford	93.52	329	eP	P	08 03 52.8	+1.1
baz=92	WALA	Waterton Lakes	93.53	333	eP	P	08 03 51.6	-0.2
baz=92	EDM	Edmonton	96.84	336	eP	Pmax	08 04 05.4	-1.3
baz=92	EDM	Edmonton	96.84	336	eP	Pmax	08 04 05.4	-1.3
baz=92	ESDC	Sonsea Array	98.08	46	P	P	08 04 12.4	-0.3
baz=92	ESDC	Sonsea Array	98.08	46	P	P	08 04 12.4	-0.3
baz=92	GERES	GERESS Array B	113.67	46	PKIKP	PKIKP	08 09 13.4	-0.9
baz=92	KHC	Kasperske Hory	113.74	46	AMS	AMS	08 55 10.0	
baz=92	PRU	Pruhonice	114.70	45	AMS	AMS	09 00 50.0	
baz=92	GOPO	GO Peony, Ondr	114.81	45	AMS	AMS	09 00 50.0	
baz=92	TREC	Trest	114.92	46	AMS	AMS	08 58 40.0	
baz=92	BANR	Banloc	116.55	52	PKIKP	PKIKP	08 09 14.3	-5.5
baz=92	BZS	Buzias	116.96	52	PKIKP	PKIKP	08 09 22.5	+1.9
baz=92	BZS	Buzias	116.96	52	PKIKP	PKIKP	08 09 22.5	+1.9
baz=92	ILAR	Eielson Array	117.01	32	PKP	PKP	08 09 19.7	-0.4
baz=92	ILAR	Eielson Array	117.01	32	PKP	PKP	08 09 19.7	-0.4
baz=92	DRGR	DRGR	118.15	51	PKIKP	PKIKP	08 09 24.7	+1.7
baz=92	DRGR	DRGR	118.15	51	PKIKP	PKIKP	08 09 24.7	+1.7
baz=92	TRPA	Tarpa	118.60	50	PKP	PKP	08 09 24.6	+1.0
baz=92	VOIR	VOIR	119.07	53	PKIKP	PKIKP	08 09 26.5	+1.7
baz=92	MLR	Muntele Rosu	119.67	53	PKIKP	PKIKP	08 09 27.6	+1.6
baz=92	MLR	Muntele Rosu	119.67	53	PKIKP	PKIKP	08 09 27.6	+1.6
baz=92	BURAR	Bucovina Array	120.05	51	PKIKP	PKIKP	08 09 29.0	+2.4
baz=92	BURAR	Bucovina Array	120.05	51	PKIKP	PKIKP	08 09 29.0	+2.4
baz=92	VRI	Vrincioia	120.32	53	PKIKP	PKIKP	08 09 27.1	0.0
baz=92	VRI	Vrincioia	120.32	53	PKIKP	PKIKP	08 09 27.1	0.0
baz=92	TESR	Tescani	120.52	53	PKP	PKP	08 09 28.5	+1.1
baz=92	CFR	Carcaliu	120.97	54	PKIKP	PKIKP	08 09 29.7	+1.4
baz=92	CFR	Carcaliu	120.97	54	PKIKP	PKIKP	08 09 29.7	+1.4
baz=92	BRTR	Keskin Array B	122.61	62	PKP	PKP	08 09 32.1	+0.2
baz=92	BRTR	Keskin Array B	122.61	62	PKP	PKP	08 09 32.1	+0.2
baz=92	KIEV	Kiev	123.59	49	PKIKP	PKIKP	08 09 33.5	+0.4
baz=92	KIEV	Kiev	123.59	49	PKIKP	PKIKP	08 09 33.5	+0.4
baz=92	AKAS	Malin Array Be	123.60	49	PKP	PKP	08 09 32.5	-0.7
baz=92	VSU	Vasula	124.50	39	PKIKP	PKIKP	08 09 35.3	+0.7
baz=92	FINES	FINESS Array B	124.94	36	PKP	PKP	08 09 35.5	+0.1
baz=92	MALT	Malatya	125.5					

15d 8h

Table with columns: ID, Name, Az, El, SNR, P, M, R, Az, El, SNR, P, M, R. Includes stations like P29A Atwood, BNM Barren Site, 121A Cookes Peak, etc.

2010 AUG

Table with columns: ID, Name, Az, El, SNR, P, M, R, Az, El, SNR, P, M, R. Includes stations like 433A Art, 631A Perdido Creek, 334A Lometa, etc.

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Table with columns: Code, Station Name, Az, El, SNR, P, M, R, Az, El, SNR, P, M, R. Includes stations like FINES FINESS Array B, NOA NORSAR Array B, KRSC 15 08:42:41.5, etc.

15d 8h

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Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like GUN Gumba, PKI Pulchoki, PKIN Pulchoki, KKN Kakara, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like PPT Papeete, PPT2 Papeete2, PPT22 Papeete2, SVE Sverdljovsk, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like TPH Tonopah, TPH Tonopah, MPMC Manual Prospec, etc.

CSEMJ 15 08:49:08.6.0.2.37.62N.0.35.69E, h15km, MD1.8, Error ellipse: s-maj=5.5km, s-min=4.0km, az=2.0 ISK 15 08:49:07.37.48N.35.99E, h2km, MD1.8 DDA 15 08:49:11.3.37.58N.35.83E, h7km, MD2.6 ISC 15 08:49:08.7.3.8.37.6N.0.2.35.8E.0.2, h16km, 8km, n7, 0.079/13, Turkey Code Station Name Az° AzZ' Phase ID Time Res

ISC 15 08:51:37.4.0.9, 37.22N:0.03:28.22E:0.03, h13km, 6km, n21, c057/32, Turkey

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

IDC 15 08:51:42.0.4.4, 31.11N:179.84W, h347km, 36km, mb3.2/3, mb1 3.3/4, mb1mx3.1/17, mbtmp4.0/4, Error ellipse: s-maj=41.4km s-min=20.9km az=50.0

ISC 15 08:51:45.0.1.1, 31.45N:0.1x179.7E:0.03, h350km, n11, c2636/15, mb3.0/3, Kermadec Islands region

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

IDC 15 08:53:24.1.2.0, 30.68S:178.34W, h0km, mb4.2/3, mb1 4.4/3, mb1mx3.8/33, mbtmp4.2/3, Error ellipse: s-maj=58.1km s-min=38.2km az=40.0, Kermadec Islands

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

IDC 15 08:57:45.2.2.2, 3.00S:148.12E, h0km, mb3.9/6, mb1 4.1/6, mb1mx3.7/35, mbtmp3.9/6, Error ellipse: s-maj=74.0km s-min=23.2km az=105.0

ISCJB 15 08:57:46.4.1.9, 3.0S:148.22E:0.4, h22km, mb3.9/6, Error ellipse: s-maj=60.5km s-min=17.8km az=15.0

ISC 15 08:57:48.4.2.2, 3.0S:148.1E:0.5, h22km, n15, c0522/7, mb3.9/6, Bismarck Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like WRA, ASAR, H1S3, etc.

KRSC 15 09:00:37.8.0.8, 53.39N:159.94E, h88km, 6km, ML3.6, Near east coast of Kamchatka Peninsula

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

Table with columns: MTRV, Mutnovka, MKZ, Mys Kozlova, ASAK, Asacha, APC, Apacha, KZV, Kizimen, TZMR, Tumrok, KBTR, Krutoberegovo, BKI, Bering, BKL, Bering. Includes time and ISC data.

GUC 15 09:03:30.3.0.6, 36.39S:71.23W, h26km, 9km, ML4.0, IC-3D, Central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like LNCH, Linares, COCH, Cobquecura, CCSP, San Pedro de C, TALC, Talca, NICH, Los Niches, CLCH, Cerro Calan, CLCH, comp=N, 194nm, 0.4s.

IDC 15 09:04:45.7.2.3, 31.91S:178.59W, h0km, mb3.8/2, mb1 4.1/3, mb1mx3.6/32, mbtmp3.9/3, ML4.0/1, Error ellipse: s-maj=70.2km s-min=36.8km az=108.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like URZ, Urewera, ASAR, Alice Springs, WRA, Warramunga Arr, FINES, FINES Array B, BDRM, BDRM Kayabasi, BODT, Bodrum, YER, Yerkesik, YER, Yerkesik, AYDN, Tasoluk, DALY, Dallyan (Mu'la), DALY, Dallyan (Mu'la), BDRM, Kayabasi, BDRM Kayabasi, BODT, Bodrum, BODT, Bodrum, AYDB, Zeytinkoy-Aydi, DNZL, Cakirokul, DNZL, Cakirokul, MANT, Manisa, MANT, Manisa, MANT, Manisa, KULA, Kula-Manisa, KULA, Kula-Manisa.

ISCJB 15 09:09:19.1.0.7, 37.24N:0.04:28.19E:0.05, h10km, 8km, Error ellipse: s-maj=7.7km s-min=6.3km az=25.8

ISK 15 09:09:19.5.0.3, 37.19N:28.18E, h7km, MD2.7

CSEM 15 09:09:19.8.0.3, 37.24N:28.19E, h2km, MD2.7, Error ellipse: s-maj=7.0km s-min=5.7km az=27.0

ISC 15 09:09:19.4.1.1, 37.23N:0.03:28.20E:0.03, h7km, 12km, n16, c071/22, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like YER, Yerkesik, YER, Yerkesik, AYDN, Tasoluk, AYDN, Tasoluk, DALY, Dallyan (Mu'la), DALY, Dallyan (Mu'la), BDRM, Kayabasi, BDRM Kayabasi, BODT, Bodrum, BODT, Bodrum, AYDB, Zeytinkoy-Aydi, AYDB, Zeytinkoy-Aydi, DNZL, Cakirokul, DNZL, Cakirokul, DENT, Denizli, DENT, Denizli.

ISCJB 15 09:10:00.3.1.1, 37.99N:0.08:35.65E:0.09, h10km, Error ellipse: s-maj=13.2km s-min=7.2km az=40.3

ISK 15 09:10:00.6.0.6, 37.96N:35.61E, h6km, MD2.6

CSEM 15 09:10:00.0.5.38, 01N:35.67E, h5km, MD2.6, Error ellipse: s-maj=13.0km s-min=6.9km az=28.0

ISC 15 09:10:00.3.1.2, 37.99N:0.07:35.66E:0.05, h10km, n14, c057/16, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like KOZT, Kozan, ANDN, Andirin, ANDN, Andirin, NIG, Nigde, KARA, Karaisali, KARA, Karaisali, KMRS, Kahramanmaras, KMRS, Kahramanmaras, GULA, Gulagac, GULA, Gulagac, MERS, Mersin, MERS, Mersin.

IDC 15 09:14:02.6.4.0, 13.74N:123.22E, h282km, 32km, mb3.6/3, mb1 3.8/3, mb1mx3.0/37, mbtmp4.2/3, Error ellipse: s-maj=24.5km s-min=22.7km az=68.0, Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like WRA, Warramunga Arr, WRA, Warramunga Arr, ASAR, Alice Springs, FINES, FINES Array B.

ISCJB 15 09:16:31.6.0.3, 37.99N:0.03:21.56E:0.03, h131km, 2km, Error ellipse: s-maj=4.6km s-min=3.4km az=179.4

CSEM 15 09:16:31.4.0.1, 37.98N:21.54E, h25km, 1km, MD2.6, Error ellipse: s-maj=3.5km s-min=2.6km az=165.0

ATH 15 09:16:31.1.1, 37.99N:21.51E, h25km, MD2.6/1, THE 15 09:16:32.0.37, 99N:21.55E, h23km, 1km, ML1.9/7, Error ellipse: s-maj=1.7km s-min=0.6km az=113.0

ISC 15 09:16:31.7.0.9, 37.99N:0.02:21.52E:0.02, h24km, 4km, n50, c042/83, Southern Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like RLS, Riolos of Patr, RLS, Riolos of Patr, RLS, Riolos of Patr, RLS, Riolos of Patr, DRO, Drossia, DRO, Drossia, DRO, Drossia, DRO, Drossia, UPR, University Cam.

Table with columns: UPR, University Cam, LAKA, Lakka, LAKA, Lakka, LAKA, Lakka, LAKA, Artemida-Makis, AMT, Artemida-Makis, AMT, Artemida-Makis, KALV, Kalavryta, Ach, KLV, Kalavryta, Ach, KLV, Kalavryta, Ach, EFP, Efpalio, EFP, Efpalio, EFP, Efpalio, TRIZ, Trizonia, TRIZ, Trizonia, TRIZ, Trizonia, KFL, Anninata, KFL, Anninata, KALE, Kalithea, KALE, Kalithea, KALE, Kalithea, ZKS, Zakynthos, ZKS, Zakynthos, GUR, Gaura, GUR, Gaura, PDD, Prodromos, PDD, Prodromos, PDD, Prodromos, VLS, Valsamata, VLS, Valsamata, VLS, Valsamata, ITM, Ithomi, ITM, Ithomi, DSF, Desfina, DSF, Desfina, PVL, PYLOS, PVL, PYLOS.

ISCJB 15 09:26:41.2.0.6, 10.66N:0.06:62.36W:0.03, h91km, 7km, Error ellipse: s-maj=9.9km s-min=4.9km az=161.1

FUNV 15 09:26:42.6.1, 10.67N:62.26W, h83km, MW2.6

TRN 15 09:26:43.7.1, 10.73N:62.27W, h82km, MD3.1

ISC 15 09:26:41.2.1.3, 10.62N:0.05:62.33W:0.04, h95km, 9km, n15, c144/27, IC-10, Near coast of Venezuela

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like GUIV, Guiria, TCE, Chacachacare, GUNV, Guanoco, TRN, Trinidad (W), TBH, Brigand Hill, GRGR, Grenville, ORIV, Oritupano, TOSP, Speyside, PCRV, Puerto La Cruz, SVB, Belmont, GURV, El Guri, CUPV, Copenira, BIRV, Bironog, LUEV, Luepa, LAUV, El Baul, BAUV.

IDC 15 09:27:03.3.4.9, 12.32N:141.21E, h0km, mb3.4/2, mb1 3.7/2, mb1mx3.3/24, mbtmp3.4/2, Error ellipse: s-maj=273.0km s-min=45.8km az=118.0, South of Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like WRA, Warramunga Arr, ASAR, Alice Springs, LPAZ, La Paz.

ISC 15 09:28:48.1, 39.90N:29.18E, h6km, MD2.6

CSEM 15 09:28:48.4.0.1, 39.92N:29.19E, h2km, MD2.6, Error ellipse: s-maj=2.9km s-min=2.8km az=110.0

DDA 15 09:28:48.7, 39.91N:29.18E, h7km, MD2.6

ISC 15 09:28:48.9.1.1, 39.91N:0.02:29.18E:0.02, h4km, 10km, n52, c074/67, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like ORLT, Orhaneli, IZI, Iznik, IZI, Iznik, TVSB, Tavsanli, TVSB, Tavsanli, DST, Dursunbey, DST, Dursunbey, CAVI, Cavuskoj, CAVI, Cavuskoj, DURS, Dursunbey, DURS, Dursunbey, ARMT, Armutlu, ARMT, Armutlu, KCTX, Karacabey (Bur), KCTX, Karacabey (Bur), GDZ, Gediz, GDZ, Gediz, DEMI, Demirci, DEMI, Demirci, BORA, Eskisehir, BORA, Eskisehir.

15d 10h

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

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

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

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

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

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

2019 AUG

ISCJB 15 10:28:42.9,0.4, 29:82N,0:02:142:16E,0:08,h26km, mb4.2/27,MS3.3/1, Error ellipse: s-maj=9.6km s-min=3.1km az=169.4

JMA 15 10:28:44.8,0.2, 29:75N,142:16E,h54km,ML3.3 ISC 15 10:28:44.9,0.6, 29:80N,0:05:142:19E,0:10,h26km,m61, c1527/71,mb4.2/27, Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Chichi jima, Mitsune, Matsushiro, etc.

ISCJB 15 10:40:20.2, 1.3, 34:34S,0:03:72:23W,0:06,h12km,8km, Error ellipse: s-maj=8.9km s-min=5.1km az=10.0

SJA 15 10:42:02.0, 2.0, 34:27S,139:17W,h10km,ML4.0, GUC 15 10:42:1.6,0.6, 34:34S,72:16W,h28km,2km,ML4.3

NEIC 15 10:42:01.2, 0.4, 34:34S,72:16W,h28km,mb3.7/1, ML4.3(GUC),AUZ

NEIC Felt [I] at Las Cabras, Navidad, Rancagua and San Francisco.

ISC 15 10:42:07.1, 5.3, 34:30S,0:04:72:18W,0:07,h16km,11km, n28,+1920/36,10C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like LNV, U65B, U73B, etc.

SJA 15 10:34:35.9,0.3, 24:21S,66:84W,h214km,5km,ML3.0, MW2.7

ISCJB 15 10:34:36.7,0.4, 24:28S,0:05:67:09W,0:04,h181km, mb3.6/5, Error ellipse: s-maj=7.7km s-min=3.6km az=32.6

ISC 15 10:34:36.5, 1.0, 24:14S,66:91W,h186km,11km,mb3.5/5, c191/40,mb3.8/5, Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like SLA, AZAP, HUA, 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 LVC, PB06, AHML, etc.

ISCJB 15 10:40:20.2, 1.3, 34:34S,0:03:72:23W,0:06,h12km,8km, Error ellipse: s-maj=8.9km s-min=5.1km az=10.0

SJA 15 10:42:02.0, 2.0, 34:27S,139:17W,h10km,ML4.0, GUC 15 10:42:1.6,0.6, 34:34S,72:16W,h28km,2km,ML4.3

NEIC 15 10:42:01.2, 0.4, 34:34S,72:16W,h28km,mb3.7/1, ML4.3(GUC),AUZ

NEIC Felt [I] at Las Cabras, Navidad, Rancagua and San Francisco.

ISC 15 10:42:07.1, 5.3, 34:30S,0:04:72:18W,0:07,h16km,11km, n28,+1920/36,10C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like LNV, U65B, U73B, etc.

SJA 15 10:34:35.9,0.3, 24:21S,66:84W,h214km,5km,ML3.0, MW2.7

ISCJB 15 10:34:36.7,0.4, 24:28S,0:05:67:09W,0:04,h181km, mb3.6/5, Error ellipse: s-maj=7.7km s-min=3.6km az=32.6

ISC 15 10:34:36.5, 1.0, 24:14S,66:91W,h186km,11km,mb3.5/5, c191/40,mb3.8/5, Chile-Argentina border region

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

15d 11h

Table with columns for station name, frequency, power, and other technical details. Includes stations like JTS JuntasAbangare, R33A Olander Ranch, K29A Lazy Trails An, etc.

2010 AUG

Table with columns for station name, frequency, power, and other technical details. Includes stations like Ostrava-Krasne, KRLC Kraikly, Panska Ves, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like YOYA Uoyan, UKT Uakit, SVKR Severomuysk, etc.

Table with columns: ORL, comp, E, S, P, m, s, ISC, Pmax, smax. Includes data for Orlik, comp=2.30m, 0.5s, comp=N, 59nm, 1.5s.

IDC 15 11:59:35.8, 0.8, 12.36N, 141.38E, h0km, mb3.9/8, m1.4, 1/9, mb1mx3.9/25, mbtmp3.9/9, ML3.3/1, Error ellipse: s-maj=29.3km s-min=18.3km az=85.0

NEIC 15 11:59:37.0, 0.6, 12.32N, 141.20E, h10km, mb4.7/3, Error ellipse: s-maj=19.1km s-min=12.5km az=93.0

ISCJB 15 11:59:38.7, 0.6, 12.30N, 141.15E, 0.2, h33km, mb4.2/12, Error ellipse: s-maj=21.2km s-min=11.7km az=177.5

ISC 15 11:59:40.8, 0.6, 12.30N, 141.15E, 0.1, h33km, m16, r1524/19, mb4.2/12, South of Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like GUMO Guam, CTAO Charters Tower, WRAB Tennant Creek, etc.

ISCJB 15 12:01:17.9, 0.6, 33.16S, 0.05, 70.43W, h12km, 5km, Error ellipse: s-maj=11.3km s-min=4.1km az=40.0

SJA 15 12:01:19.1, 0.5, 33.08S, 70.23W, h120km, 5km, ML3.2, MW3.5

GUC 15 12:01:19.1, 0.7, 33.15S, 70.44W, h102km, 2km, ML4.3

NEIC 15 12:01:19.3, 33.14S, 70.44W, h102km, MG4.3(GUC), After GUC.

NEIC Felt [I] at Quillota and San Felipe; [II] at Maipo, Melipilla, Rancagua, San Francisco, Santiago and Talagante.

ISC 15 12:01:18.8, 1.4, 33.15S, 0.05, 70.43W, h106km, 8km, n27, r0549/42, 7C-4D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like PEL Peldehue, CLCH Cerro Calan, LACH Col Las Americ, etc.

ARCO comp=2.380nm, 0.4s, AAGR Agrelo, ASAL Salagasta, RTLS Leoncito, etc.

ARCO comp=2.31nm, 0.2s, LCO Las Campanas, U14B Concepcion, etc.

KRSC 15 12:09:57.1, 1.2, 52.00N, 159.89E, h58km, 20km, ML3.7, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like RUS Russkaya, SPN Somna, MTRV Mutnovka, etc.

KBTR Krutoberegovo 4.56 21 eP Pn 12 11 05.8 +2.4

ISCJB 15 12:11:07.3, 0.3, 40.84N, 150.02, 27.50E, 0.02, h7km, 3km, Error ellipse: s-maj=3.0km s-min=2.7km az=151.9

CSEM 15 12:11:07.7, 0.1, 40.82N, 150.02, 27.50E, h8km, ML3.1, Error ellipse: s-maj=2.7km s-min=2.4km az=164.0

ATH 15 12:11:08.2, 40.81N, 27.46E, h33km, 4km, MD3.2/5

DDA 15 12:11:08.3, 40.78N, 27.52E, h9km, MD2.7

THE 15 12:11:08.3, 40.86N, 27.42E, h13km, ML3.1/5, Error ellipse: s-maj=3.1km s-min=1.0km az=64.0

SOF 15 12:11:09.3, 40.57N, 27.24E, h10km, MD2.6

ISC 15 12:11:07.6, 0.9, 40.85N, 150.02, 27.52E, 0.02, h11km, 7km, n129, r0569/160, 8C-4D, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like MRMT Marmara Adasi, SART Tekirdag, CRLT Corlu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like ALN Alexandroupoli, MDNY Mudanya-Bursa, EDRB Edirne, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like ISK Istanbul-Kandi, ISK Istanbul-Kandi, KLYT Kilyos, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like DURS Dursunbey, BOZC Bozcaada, RDO Rodhopi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like PRK Parasevi, CAVI Cavusko, DIM Dimitrovgrad, etc.

Table with columns: GULT Gulveren, PRD Provadia, PLD Provdia, etc. Lists stations with Az, Phase ID, Time, Res, ISC.

IDC 15 12:11:44.1, 0.5, 37.24N, 20.94E, h0km, mb4.4/29, mb1.4/4/2, mb1mx4.4/48, mbtmp4.3/42, ML4.4/7, Error ellipse: s-maj=11.4km

ATH 15 12:11:45.4, 37.14N, 20.82E, h19km, MD4.1/52, ML4.4

THE 15 12:11:45.8, 37.12N, 20.80E, h1km, 2km, ML4.4/7, Error ellipse: s-maj=2.6km s-min=1.0km az=235.0

NEIC 15 12:11:45.3, 37.14N, 20.81E, h17km, mb4.7/32, M4.4(7HE), ML4.4(ATH), After ATH

ISCJB 15 12:11:46.5, 0.4, 37.18N, 0.02, 20.79E, 0.02, h28km, 3km, mb4.5/66, MS3.4/2, Error ellipse: s-maj=3.3km s-min=2.0km az=38.7

CSEM 15 12:11:46.0, 0.1, 37.15N, 20.83E, h10km, mb4.7/37, Error ellipse: s-maj=3.7km s-min=2.5km az=35.0

PDG 15 12:11:46.2, 0.6, 37.19N, 20.80E, h13km, 1km, ML4.4/11, Error ellipse: s-maj=1.0km s-min=1.0km az=90.0

BUL 15 12:11:47.5, 37.54N, 20.74E, h36km, mb4.7/31, mb5.0/19, Ms4.7/13, Ms7.4/5/12

MOS 15 12:11:47.1, 37.29N, 20.88E, h33km, mb4.8/27, Error ellipse: s-maj=6.3km s-min=3.7km az=79.6

HLW 15 12:11:53.1, 36.78N, 21.14E, h14km, 1.9km, M4.0

ISC 15 12:11:48.2, 0.5, 37.18N, 0.02, 20.86E, 0.02, h27km, 3km, n680, r144/764, mb4.6/68, 29C-22D, Ionian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like SFD Strofades, PYLOS, PYLOS, etc.

15d 12h

Table with columns: VLI, Veli, 1.73 105 ePn, Pb, 12 12 17.5 -1.7, THE Thessaloniki, 3.82 25 ePn, Pn, 12 12 45.8 +0.6, BOJS Bojanci, 9.32 335 i Pn, Pn, 12 14 00.2 -0.5

2010 AUG

Table with columns: VLI, Veli, 1.73 105 ePn, Pb, 12 12 17.5 -1.7, THE Thessaloniki, 3.82 25 ePn, Pn, 12 12 45.8 +0.6, BOJS Bojanci, 9.32 335 i Pn, Pn, 12 14 00.2 -0.5

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Table with columns: BOJS Bojanci, 9.32 335 i Pn, Pn, 12 14 00.2 -0.5, KEST Kestari, 9.39 265 i Pn, Pn, 12 14 01.8 +0.1, DRGR Dragrani, 9.71 8 S, Pn, 12 14 06.2 +0.2

15d 12h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like Nanjing, Dawson, Eielson Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and station details. Includes stations like Warramunga Arr, Alice Springs, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and station details. Includes stations like Warramunga Arr, Alice Springs, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and station details. Includes stations like Port Moresby, Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and station details. Includes stations like Port Moresby, Warramunga Arr, etc.

2010 AUG

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and station details. Includes stations like DZM, DZM, DZM, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and station details. Includes stations like QCR, QCR, QCR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and station details. Includes stations like WRA, WRA, WRA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and station details. Includes stations like WRA, WRA, WRA, etc.

880

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and station details. Includes stations like AGMN, ISA, REDW, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and station details. Includes stations like WRA, WRA, WRA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and station details. Includes stations like WRA, WRA, WRA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GTA, SONM, CLNS, ZAK, LSA, TLY, BOD, YAK, MOY, SEY, WMQ, MK31, ZALV, RPS, NVS, KSH, AAK, KKAR, BVAO, BRVK, BRV, COLD, COLA, ILAR, PAX, PPT, DAWY, SVE, HYT, ABKAR, AKTO, NVAR, CYY, SLO, TORO, LPAZ.

CASC 15 13:16:16.3z, 8.9BN, 84.04W, h25km, 12km, MD3.5, 1C, Off coast of Costa Rica. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

MAN 15 13:51:15, 11.04N, 124.73E, h1km, mb4.2, ML3.0, MS2.7, 1D, Leyte. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

GUC 15 14:01:20.6z, 0.3, 20.9AS, 68.37W, h206km, 6km, ML3.8, Chile-Bolivia border region. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

SJA 15 14:04:47.1z, 0.4, 34.65S, 72.26W, h31km, ML3.0, MW3.0. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

CHCH, LNCH, CLCH, AAGR, ARCO, AUSP, ASAL, RTLS, RCTV, ATML, RMOG, AVFE. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

WARR, MKAR, KURBB. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

GUMO, WRA, ASAR, STKA, MKAR. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

YER, STEPH, AYDN, TURN, DALY, BDRM, BODT, BOYD, ZYK, ANZ, DNZL, DNZL. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

YER, STEPH, AYDN, TURN, DALY, BDRM, BODT, BOYD, ZYK, ANZ, DNZL, DNZL. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

IDC 15 14:18:53.6z, 0.8, 12.29N, 141.76E, h0km, mb4.1/12, mb1 4.2/12, mb1mx4.0/4.0, mbtmp4.1/12, MS3.1/5, Ms1 3.1/5, ms1mx2.8/3.4, Error ellipse: s-maj=31.6km s-min=15.1km az=78.0. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

GUMO, JAY, PMG, KSRS, KSR, KSAR, HNR, CTAO, WRAB, WRA, ASAR, ASAR, CMAR, CMAR, STKA, ULN, SONM, YAK, MKAR, MKAR, ZALV, ZALV, KURK, KURBB, BVAR, ILAR, AKTO, LPAZ. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

IDC 15 14:42:14.2z, 1.9, 6.57S, 150.69E, h0km, mb3.6/3, mb1 3.9/4, mb1mx3.5/2.7, mbtmp3.6/4, ML1.0/1, Error ellipse: s-maj=111.3km s-min=23.2km az=130.0, New Britain region. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

IDC 15 14:33:28.0z, 2.9, 5.33S, 151.72E, h0km, mb3.5/2, mb1 3.9/3, mb1mx3.4/2.8, mbtmp3.7/3, ML1.5/1, Error ellipse: s-maj=124.4km s-min=36.9km az=126.0, New Britain region. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

ISCJB 15 14:43:07.9z, 0.4, 4.25S, 0.03z, 133.98E, 0.04, h10km, mb3.8/5, MS4.8/1, Error ellipse: s-maj=6.0km s-min=4.1km az=142.8. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

ISCJB 15 14:43:07.2z, 0.9, 4.26S, 134.04E, h10km, mb3.9/5, mb1 4.2/10, mb1mx3.8/3.2, mbtmp4.1/10, ML3.6/5, MS4.0/2, Ms1 4.0/2, ms1mx3.1/4.3, Error ellipse: s-maj=31.3km s-min=18.0km az=83.0. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

15d 15h

2010 AUG

Table with columns for station name, frequency, and various signal quality metrics (e.g., S/NR, SNR, SNR+20, etc.).

Table with columns for station name, frequency, and various signal quality metrics (e.g., S/NR, SNR, SNR+20, etc.).

Table with columns for station name, frequency, and various signal quality metrics (e.g., S/NR, SNR, SNR+20, etc.).

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

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

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KURBB Kurchatov Arra, BVAR Borovoye Array, ILAR Eielson Array, LPAZ La Paz.

IDC 15 15:33:03.6.0.8, 12'32N-141'169E, h0km, mb4.2/12, mb1 4.4/12, mb1mx3.8/5, mbtmp4.2/12, Error ellipse: s-maj=34.2km s-min=14.8km az=77.0

NEIC 15 15:33:05.0.6.5, 12'24N-141'48E, h10km, mb4.8/2, Error ellipse: s-maj=14.7km s-min=9.7km az=82.0

ISC 15 15:33:08.0.6.16, 12'34N-101'141.9E, h10km, mb4.8/2, Error ellipse: s-maj=14.7km s-min=9.7km az=82.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, GUMU Guam, CTA Charters Tower, CTAO Charters Tower, WRAB Tennant Creek, WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, STKA Stephens Creek, SONM Songoing Array, YAK Yakutsk, MK31 Makanchi Array, MKAR Makanchi Array, ZALV Zalesovo Beam, KURK Kurchatov, KURBB Kurchatov Arra, BVAR Borovoye Array, ILAR Eielson Array, FINES FINESS Array B, LPAZ La Paz, LPAZ La Paz.

CSEM 15 15:35:30.2, 39'72N-29'47E, h7km, MD2.7, Mining explosion.

DDA 15 15:35:30.2, 39'72N-29'47E, h7km, MD2.7, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ULDT Uludag, ULDT Uludag, ULDT Gediz, GDZ Gediz, GDZ Gediz, BORA Eskisehir, BORA Eskisehir, DURS Dursunbey, DURS Dursunbey, DEMI Demirci, DEMI Demirci, SEYT Eskypehyr, SEYT Eskypehyr, KHAL Karahalli, KHAL Karahalli.

CASC 15 15:51:21.5.2.8, 8'59N-83'98W, h1km, 12km, MD3.8, 2D, Costa Rica

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BUS Buena Vista, BUS Buena Vista, URSC Urasca, URSC Urasca, CGAZ Cerro Gallo 2, CGAZ Cerro Gallo 2, BRUZ Volcan, BRUZ Volcan, CAO Cobano, JCR Jicaral, AMAS Alto Masis, PTEN Parque Tenorio, CUI Cuitupala, COLC Colombia, LIM1 Limonal, MESS Mesas.

ISC 15 16:06:36.9, 39'09N-34'28E, h13km, MD2.7

CSEM 15 16:06:37.7, 0.2, 39'10N-34'28E, h20km, MD2.7, Error ellipse: s-maj=5.7km s-min=4.7km az=86.0

DDA 15 16:06:37.9, 39'08N-34'24E, h7km, MD2.9

ISCJB 15 16:06:38.2, 0.6, 39'09N-01'04'34'29E, h15km, 23km, Error ellipse: s-maj=7.8km s-min=5.8km az=160.1

ISC 15 16:06:37.2, 1.4, 39'09N-01'03'34'26E, h9km, 12km, n18, e047/27, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KAMT Kaman, KAMT Kaman, CICKAD Cickdag, CICKAD Cickdag, AVONOS Avonos, AVONOS Avonos, GULA Gulagac, GULA Gulagac, YOZG Yozygat, YOZG Yozygat, AFSR Afar-Bala (A), AFSR Afar-Bala (A), BBAL Bala, BBAL Bala, SULT Sultanhani-AKS, SULT Sultanhani-AKS, CORM Corum, CORM Corum.

IDC 15 16:15:56.3.0.8, 12'30N-141'167E, h0km, mb4.1/10, mb1 4.2/11, mb1mx3.8/5, mbtmp4.1/11, ML3.3/1, Error ellipse: s-maj=27.0km s-min=16.5km az=82.0

NEIC 15 16:15:57.6.0.5, 12'34N-141'78E, h10km, mb4.5/1, Error ellipse: s-maj=14.5km s-min=9.4km az=89.0

ISCJB 15 16:15:59.2.0.6, 12'30N-01'07'141.7E, h10km, mb4.1/10, mb1 4.2/11, mb1mx3.8/5, mbtmp4.1/11, ML3.3/1, Error ellipse: s-maj=27.0km s-min=16.5km az=82.0

mb4.1/11, Error ellipse: s-maj=16.3km s-min=10.7km az=177.7

ISC 15 16:00:08.0.7, 12'35N-101'141.3E, h10km, n16, e084/15, mb4.2/11, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, GUMO Guam, JAY Jayapura, WRAB Tennant Creek, WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, STKA Stephens Creek, UNLN Pulaubantar, SONM Songoing Array, MKAR Makanchi Array, ZALV Zalesovo Beam, KURK Kurchatov, KURBB Kurchatov Arra, ILAR Eielson Array, FINES FINESS Array B.

DJA 15 16:20:23.4.0.3, 9'S-3'12'0E, h39km, 5km, M3.4/3, mb3.9/1, MLV3.1/3, Sumba region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WSI Waingapu, BANI Baing, BANI Baing, EDFI Ende, EDFI Ende, MMRI Maumere, BSBI Bai Bata, BKSI Bulukumba, SOEI Soe, DNP Depasarp, IGBI Depasarp, SREI Singaraja, TSI Tani Toraja, ABJI Asem Bagus, KMII Kiliangert, BLJI Banyuglugur, GRJI Gresik, PCI Palu, BWJI Bawean, LUWI Luwuk, PWJI Pagerwojo.

ISCJB 15 16:20:40.9.0.7, 39'42N-105'28'22E, h14km, 8km, Error ellipse: s-maj=9.6km s-min=6.6km az=25.3

CSEM 15 16:20:40.9.0.2, 39'41N-105'24E, h14km, MD2.5, Error ellipse: s-maj=6.7km s-min=3.7km az=49.0

DDA 15 16:20:41.5, 39'41N-105'28'22E, h7km, MD2.5

ISC 15 16:20:42.0, 39'58N-105'28'22E, h6km, MD2.6

ISC 15 16:20:40.4, 1.1, 39'39N-105'28'23E, h15km, 9km, n16, e037/26, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DURS Dursunbey, DURS Dursunbey, BALB Balikpapan, BALB Balikpapan, DEMI Demirci, DEMI Demirci, MANT Manisa, MANT Manisa, TVSB Tavasani, TVSB Tavasani, GDZ Gediz, GDZ Gediz, ARMT Armutlu, ARMT Armutlu, MRMT Marmara Adasi, MRMT Marmara Adasi.

SJA 15 16:24:01.9.0.3, 34'49S-73'04W, h3km, 5km, ML3.2, MV2.9

GUC 15 16:24:07.9.0.3, 34'75S-72'08W, h6km, 1km, ML3.8

ISC 15 16:24:07.1, 1.8, 34'82S-72'07W, h2km, 12km, n17, e106/22, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TALC Talca, NICH Los Niches, LNIV Longovilo, LNIV Longovilo, LNCH Linares, LNCH Linares, COCH Cobquecura, COCH Cobquecura, CHCH Chadas Angostu, CHCH Chadas Angostu, CLCH Cerro Calan, CLCH Cerro Calan, PEL Peldehue, PEL Peldehue, CANA Canavele, AARG Agrelo, ARCO CERRO ARCO, ARCO CERRO ARCO, ARCO CERRO ARCO, AASP Usallanta, AASP Usallanta, RUTL Leonicito, RUTL Leonicito, RTVC Cerro Valdivia, RTVC Cerro Valdivia, RTLL Cerro Villicun, RTLL Cerro Villicun, AMOG Mogna, AMOG Mogna, AVFE Valle Fertill, AVFE Valle Fertill.

IDC 15 16:24:40.8.1.1, 1'35N-120'99E, h0km, mb3.9/5, mb1 4.1/5, mb1mx3.6/7, mbtmp3.9/5, Error ellipse: s-maj=16.5km s-min=19.4km az=65.0

ISCJB 15 16:24:43.6.0.7, 1'07N-120'05.119.9E, h0.05, h28km, mb3.9/6, Error ellipse: s-maj=7.8km s-min=7.4km az=41.7

NEIC 15 16:24:45.8.1.7, 0'99N-120'07E, h42km, 1km, mb4.0/1, Error ellipse: s-maj=33.9km s-min=11.9km az=52.0

DJA 15 16:24:46.0.0.4, 1'N-3'12'0E, h10km, M4.1/12, mb4.2/1, MLV4.1/12

ISC 15 16:24:48.0.8, 1'03N-120'06E, h28km, n17, Error ellipse: s-maj=33.9km s-min=11.9km az=52.0

151519, mb4.0/6, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MPST Mapaga, MPST Mapaga, TOLI Tali-Toli, TOLI Tali-Toli, PCI Palu, PCI Palu, MRSI Marisa, MRSI Marisa, APSI Ampana, APSI Ampana, LUWI Luwuk, LUWI Luwuk, BKB Balikpapan, BKB Balikpapan, TTSI Tani Toraja, TTSI Tani Toraja, KKM Kota Kinabalu, KKM Kota Kinabalu, WRAB Tennant Creek, WRAB Tennant Creek, WRA Warramunga Arr, WRA Warramunga Arr, AS31 Alice Springs, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, STKA Stephens Creek, STKA Stephens Creek, SONM Songoing Array, SONM Songoing Array, MKAR Makanchi Array, MKAR Makanchi Array.

MAN 15 16:38:37.7, 34N-126'34E, h31km, mb4.6, ML3.4, MS3.4, Mindanao

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MATI Mati, MATI Mati, BUKP Musuan, BUKP Musuan, BAGP Pagadian, BAGP Pagadian, MSLP Maasin, MSLP Maasin, TBP Tabularan, TBP Tabularan.

ISCJB 15 16:41:30.4.0.7, 12'23N-109'141'5E, h50km, mb4.0/9, Error ellipse: s-maj=16.9km s-min=12.4km az=6.9

IDC 15 16:41:35.3.2.9, 12'20N-141'76E, h88km, 29km, mb3.7/10, mb1 3.9/10, mb1mx3.6/4, mbtmp4.1/10, Error ellipse: s-maj=25.0km s-min=14.9km az=87.0

ISC 15 16:41:32.5.0.7, 12'18N-101'141'38E, h10km, n11, e2919/13, mb4.1/8, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, GUMO Guam, JAYO Jayapura, JAYO Jayapura, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, MKAR Makanchi Array, MKAR Makanchi Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ILAR Eielson Array, ILAR Eielson Array, LPAZ La Paz, LPAZ La Paz.

IDC 15 16:45:51.1.1, 2'3'32N-162'67E, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.5/41, mbtmp3.7/5, MS3.6/2, Ms1 3.6/2, ms1mx3.0/34, Error ellipse: s-maj=137.9km s-min=19.0km az=68.0

ISC 15 16:45:57.9.1.4, 3'33N-105'127E, h53km, n7, e095/5, mb3.8/5, Talau Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WARRAMUNGA Warramunga Arr, WARRAMUNGA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, CHCH Chadas Angostu, CHCH Chadas Angostu, STKA Stephens Creek, STKA Stephens Creek, SONM Songoing Array, SONM Songoing Array, MKAR Makanchi Array, MKAR Makanchi Array, IDI Idia, IDI Idia.

IDC 15 16:47:46.6.52.0, 17'80S-176'59W, h0km, mb4.1/3, mb1 4.3/3, mb1mx3.7/35, mbtmp3.6/4, Error ellipse: s-maj=96.1km s-min=158.9km az=80.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, STKA Stephens Creek, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs.

CSEM 15 17:23:45.7.1.0, 36'48N-143'38E, h20km, MD3.0, Error ellipse: s-maj=30.2km s-min=12.8km az=121.0

ISN 15 17:23:46.8.0.3, 36'61N-143'09E, h0km, ML3.0

DDA 15 17:23:46.8, 36'56N-143'29E, h19km, MD3.0

ISC 15 17:23:41.2.2.9, 36'33N-01'43'40E, h19km, 4km, n10, e047/18, Iraq

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MSL Mosul, MSL Mosul, HAKT HAKKARI, HAKT HAKKARI, SIRR S-rrak, SIRR S-rrak, GEVA Gevas, GEVA Gevas, MARD Mardin, MARD Mardin, BEST Besiri, BEST Besiri, TUTA Tutak, TUTA Tutak.

IDC 15 17:24:00.8.4.2, 19'56N-144'72E, h0km, mb3.6/3, mb1 4.0/3, mb1mx3.4/4, mbtmp3.6/4, Error ellipse: s-maj=282.0km s-min=31.7km az=119.0, Mariana Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, NVAR Mina Array Bea, etc.

IDC 15 17:28:25.6:3.4, 17:27S:167.99E, h0km, mb3.8/4, mb1 4.0/5, mb1mx3.7/37, mbtmp3.8/5, ML3.3/1, Error ellipse: s-maj=77.4km s-min=35.1km az=104.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, STKA Stephens Creek, WRA Warramunga Arr, etc.

KLM 15 17:33:02.6, 3.66S:99.02E, h37km, mb4.7, ML4.4, MS4.8, ISCJB 15 17:33:07.6, 1.5, 3.59S:0.04, 99.67E:0.05, h30km, 10km, mb4.4/36, MS3.3/2, Error ellipse: s-maj=9.5km s-min=4.8km az=138.5

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PPSI Pulau Pagai, SISI Saibi, SPSI Sangai, etc.

IDC 15 17:33:10.7:3.3, 3.58S:99.61E, h33km, mb4.1/22, mb1 4.2/23, mb1mx4.0/49, mbtmp4.3/23, ML4.6/1, MS3.4/2, Ms1 3.5/2, ms1mx2.9/36, Error ellipse: s-maj=11.9km s-min=13.1km az=58.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MNAI Lahat, LHSI Lahat, BKNI Bangkinang, etc.

IDC 15 17:37:43.9:0.24, 6N:0.1:49, 21E:0.07, h10km, mb2.7/10, Error ellipse: s-maj=18.8km s-min=8.7km az=11.8

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GSI Gunungsitoli, BLSI Bandar Lampung, PSI Prapat, etc.

IDC 15 17:37:44.3:1.6, 24.56N:49.22E, h0km, mb3.7/11, mb1 3.8/12, mb1mx3.6/48, mbtmp3.7/12, ML3.7/1, Error ellipse: s-maj=36.6km s-min=18.8km az=155.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MYKOM Kota Tinggi, IPM Ipoh, CNJI Cibinong, etc.

DSN 15 17:37:53.7:0.9, 25.49N:49.78E, h15km, mb3.6/6, ML4.5/2, Ms4.2/3, Error ellipse: s-maj=20.6km s-min=6.1km az=165.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KULM Kulim, KULM Kulim, CISI Cismopot, etc.

ISN 17:39:18.1:2.5, 27.07N:47.88E, h0km, mb3.9, ML3.9, ISC 15 17:37:46.0:1.1, 24.6N:0.2, 49.2E:0.1, h10km, n23, 0.52/15, mb3.7/10, 2C-2D, Eastern Arabian Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ASUD Al Ashush, FAO Al Faqa, HAZ Hazza, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, STKA Stephens Creek, KSAR Warramunga Arr, etc.

IDC 15 17:44:19.2:0.2, 2.67S:128.87E, h0km, mb3.0/2, mb1 3.3/3, mb1mx3.1/30, mbtmp3.1/3, ML3.2/1, Error ellipse: s-maj=165.7km s-min=26.1km az=69.0, Ceram Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ASUD Al Ashush, FAO Al Faqa, HAZ Hazza, etc.

IDC 15 18:07:09.6:1.5, 12.55N:141.70E, h0km, mb3.2/3, mb1 3.4/4, mb1mx3.2/26, mbtmp3.3/3, ML3.2/1, Error ellipse: s-maj=40.7km s-min=30.1km az=99.0, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, etc.

IDC 15 18:40:09.6:1.5, 12.55N:141.70E, h0km, mb3.2/3, mb1 3.4/4, mb1mx3.2/26, mbtmp3.3/3, ML3.2/1, Error ellipse: s-maj=40.7km s-min=30.1km az=99.0, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, etc.

IDC 15 18:40:09.6:1.5, 12.55N:141.70E, h0km, mb3.2/3, mb1 3.4/4, mb1mx3.2/26, mbtmp3.3/3, ML3.2/1, Error ellipse: s-maj=40.7km s-min=30.1km az=99.0, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, etc.

IDC 15 18:40:09.6:1.5, 12.55N:141.70E, h0km, mb3.2/3, mb1 3.4/4, mb1mx3.2/26, mbtmp3.3/3, ML3.2/1, Error ellipse: s-maj=40.7km s-min=30.1km az=99.0, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, etc.

IDC 15 18:40:09.6:1.5, 12.55N:141.70E, h0km, mb3.2/3, mb1 3.4/4, mb1mx3.2/26, mbtmp3.3/3, ML3.2/1, Error ellipse: s-maj=40.7km s-min=30.1km az=99.0, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, etc.

IDC 15 18:40:09.6:1.5, 12.55N:141.70E, h0km, mb3.2/3, mb1 3.4/4, mb1mx3.2/26, mbtmp3.3/3, ML3.2/1, Error ellipse: s-maj=40.7km s-min=30.1km az=99.0, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SGSI Sangihe, TNTI Ternate, TMTI Mati, etc.

IDC 15 17:52:09.5:1.8, 34S:146.66E, h0km, mb4.0/2, mb1 3.5/4, mb1mx3.3/32, mbtmp3.5/4, ML2.9/2, Error ellipse: s-maj=164.4km s-min=35.8km az=107.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, etc.

IDC 15 18:25:26.0:1.7, 7.25S:155.47E, h0km, mb3.8/7, mb1 4.0/7, mb1mx3.8/17, mbtmp3.8/7, MS3.1/3, Ms1 3.2/3, ms1mx2.7/33, Error ellipse: s-maj=58.6km s-min=25.0km az=122.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, etc.

IDC 15 18:25:29.8:1.9, 7.25S:0.3:155.4E:0.4, h35km, mb3.7/7, MS3.2/2, Error ellipse: s-maj=62.1km s-min=19.2km az=33.4

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, etc.

IDC 15 18:25:31.4:1.7, 7.3S:0.3:155.4E:0.4, h35km, n9, 0.94/10, mb3.7/7, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, WRA Warramunga Arr, ASAR Alice Springs, etc.

WEL 15 18:38:07.5:0.7, 36.70S:176.378E, h33km, ML5.1/1, Error ellipse: s-maj=5.3km s-min=4.9km az=0.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like HAZ Te Kaha, HAZ HAZ, RAGZ Rawiri, etc.

IDC 15 18:40:09.6:1.5, 12.55N:141.70E, h0km, mb3.2/3, mb1 3.4/4, mb1mx3.2/26, mbtmp3.3/3, ML3.2/1, Error ellipse: s-maj=40.7km s-min=30.1km az=99.0, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, etc.

IDC 15 18:40:09.6:1.5, 12.55N:141.70E, h0km, mb3.2/3, mb1 3.4/4, mb1mx3.2/26, mbtmp3.3/3, ML3.2/1, Error ellipse: s-maj=40.7km s-min=30.1km az=99.0, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, etc.

15d 19h

JMA 15 18:40:38.3.0.1, 33.57N; 140.45E, h55km, 3km, M3.2

ISC 15 18:40:38.3.1.2, 33.53N; 0.05:140.42E; 0.07, h62km, 12km, n19, r125/26, Southeast of Honshu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like JHJ2 Mitsue, JHJ1 Hachioijimakas, BSO1 Boso, BSO2 Boso, JKO Kozu shima, JNO Niijimaohara, BSO3 Boso, BSO3 Oshima 3, BSO4 Boso, BSO4 Izushimoda, BSO4 Kamata 2, JKTJ Odawara 2, JOD2 Odawara 2, MJAR Matsushiro Arr, MAT Matsuhiro, MAT Matsuhiro, H1N12 WAKE ISLAND Hy, H1N11 WAKE ISLAND Hy, H1N13 WAKE ISLAND Hy, WRA Warramunga Arr, WRA Warramunga Arr, WRA Alice Springs.

ISC 15 18:42:31.1.9.2, 16.51S; 171.41E, h233km, 53km, mb3.6/4, mb1 3.6/5, mb1mx3.3/18, mbtmp4.1/5, Error ellipse: s-maj=103.2km s-min=81.1km az=121.0, Vanuatu Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like DZM Mont Dzumac, DZM Mont Dzumac, CTA Charters Tower, STKA Stephens Creek, WRA Warramunga Arr, WRA Alice Springs.

ISC 15 18:44:53.0.1.1, 12.282N; 141.61E, h0km, mb3.8/6, mb1 3.4/7, mb1mx3.7/25, mbtmp3.8/7, ML3.5/1, Error ellipse: s-maj=29.9km s-min=22.6km az=93.0

ISC 15 18:44:56.5.0.1, 12.33N; 0.2:142.0E; 0.1, h33km, n7, r142/7, mb3.8/6, South of Mariana Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like GUMO Guam, WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, MKAR Makanchi Arr, ZALV Zalesovo Beam, ILAR Eielson Array.

ISC 15 18:49:53.8.5.7, 20.30N; 122.87E, h0km, mb3.2/3, mb1 3.4/3, mb1mx3.2/36, mbtmp3.2/3, 1C, Error ellipse: s-maj=42.7km s-min=28.2km az=61.0, Philippine Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like PVPC Virac, WRA Warramunga Arr, MKAR Makanchi Arr, ASAR Alice Springs.

ISC 15 18:57:50.1.1.0, 4.46S; 137.98E, h0km, mb3.7/4, mb1 4.0/8, mb1mx3.7/29, mbtmp3.9/8, ML3.6/4, MS3.3/1, Ms1 3.3/1, ms1mx2.5/7, Error ellipse: s-maj=25.2km s-min=18.9km az=50.0

ISCJBJ 15 18:57:52.0.4.1, 4.67S; 0.04:137.93E; 0.05, h33km, mb3.6/4, Error ellipse: s-maj=7.2km s-min=5.0km az=29.6

DJA 15 18:57:52.0.4.1, 4.1S; 80.0:13.9E; 2.2, h330km, 40km, M4.1/5, mb4.8/1, MLV3.7/5

AUST 15 18:57:54.7.5.9, 4.68S; 137.99E, h33km, Error ellipse: s-maj=1.0km s-min=0.9km az=274.0

ISC 15 18:57:54.7.0.6, 4.65S; 0.07:137.99E; 0.07, h35km, n25, r142/22, mb3.6/4, Irian Jaya

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like SMP1 Sarmi, GEMI Genyem, GEMI Genyem, JAY Jayapura, JAY Jayapura, JAY Jayapura, JAY Jayapura, BAKI Biak, FAKI Fak Fak, SUJI Sorong, SUJI Sorong, SWI Sorong, KDU Kadadu, COEN Coen, KNRA Kunurra, MTSU Mount Surprise, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, QIS QIS, CTA Charters Tower, CTA Charters Tower, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs.

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Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like ASAR, WRKA Warakuna, QLP Quiptie, STKA Stephens Creek, CMAR Chiang Mai Arr, MKAR Makanchi Arr, BVAR Borovoye Array, ILAR Eielson Array.

ISC 15 18:59:25.9.2.1, 53.77N; 160.52E, h0km, mb3.5/4, mb1 3.6/4, mb1mx3.3/27, mbtmp3.5/4, Error ellipse: s-maj=47.1km s-min=25.9km az=147.0

KVSC 15 18:59:27.0.1.1, 53.28N; 160.72E, h50km, 14km, ML3.9

ISCJBJ 15 18:59:28.7.0.6, 53.27N; 0.04:160.67E; 0.06, h52km, 6km, mb3.5/4, Error ellipse: s-maj=8.3km s-min=3.9km

ISC 15 18:59:29.2.1.1, 53.26N; 0.05:160.69E; 0.05, h42km, 12km, n29, r150/47, mb3.5/4, Near east coast of Kamchatka

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like SPN Mys Shipunski, KIL Karymskiy, SDR Sedlovina, UGLR Uglovaya, SMAR Somma, SMAR Koryakskiy, KREER KREER, AVH Avacha, KRX Arik, KRX KRX, KOK Koryaka, MKZ MKZ, MKZ Russ Kozlova, RUS RUS, RUS RUS, GNL Ganaly, GNL GNL, MTRV MTRV, PETK Petropavlovsk, KZV Kizimen, KZV KZV, ASAK Asacha, ASAK ASAK, TUMR Tumrok, APC Apacha, KMINR Kamenistaya, KMINR KMINR, MPR Malaya Ipe'ka, KBTR Krutoberegovo, BKI Bering, BKI BKI, ILAR Eielson Array, H1N12 WAKE ISLAND Hy, H1N13 WAKE ISLAND Hy, H1N11 WAKE ISLAND Hy, MKAR Makanchi Arr, FINES Finess Array, NOA NORRAR Array.

ISC 15 19:00:16.1.1.2, 3.62N; 126.94E, h0km, mb3.8/8, mb1 3.9/8, mb1mx3.7/34, mbtmp3.8/8, MS4.1/1, Ms1 4.1/1, ms1mx2.6/30, Error ellipse: s-maj=77.3km s-min=20.2km az=64.0

ISCJBJ 15 19:00:20.9.0.7, 3.61N; 0.1:126.8E; 0.2, h48km, mb3.8/10, MS4.0/1, Error ellipse: s-maj=26.4km s-min=11.2km az=142.0

NEIC 15 19:00:21.2.0.6, 3.55N; 126.91E, h35km, mb4.0/2, Error ellipse: s-maj=46.7km s-min=10.9km az=60.0

ISC 15 19:00:22.6.0.9, 3.51N; 0.2:126.8E; 0.2, h48km, n12, r190/11, mb3.9/10, Talaud Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like SGSI Sanghie, COEN Coen, WRAB Tennant Creek, WRA Warramunga Arr, CMAR Chiang Mai Arr, STKA Stephens Creek, ASAJ Asajikawa, SONM Songoing Array, MKAR Makanchi Arr, ZALV Zalesovo Beam, BVAR Borovoye Array, BRTR Keskin Array.

ISC 15 19:15:15.7.1.1, 58.12S; 23.58W, h0km, mb4.2/5, mb1 4.1/6, mb1mx3.8/22, mbtmp4.1/6, ML3.7/1, MS3.8/1, Ms1 3.8/1, ms1mx3.1/21, Error ellipse: s-maj=33.5km s-min=28.0km az=163.0

ISCJBJ 15 19:15:16.4.0.7, 58.07S; 0.10:23.6W; 0.3, h16km, mb4.1/8, MS3.6/1, Error ellipse: s-maj=23.2km s-min=10.6km az=154.8

NEIC 15 19:15:20.8.0.5, 58.15S; 23.67W, h35km, mb4.1/3, Error ellipse: s-maj=16.6km s-min=10.5km az=67.0

ISC 15 19:15:20.8.0.7, 58.15S; 0.1:23.7W; 0.2, h16km, n15, r0564/14, mb4.2/8, South Sandwich Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like WNA1 Neumayer-Stat, WNA2 Neumayer-Watz, SNA4 Sanae, SNA4 Sanae, SNA4 Sanae, USHA Ushuaia, USHA Ushuaia, GSPA South Pole Station.

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Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like BOSA Boshof, BDFB Brasilia, LPAZ LPAZ, SAML Saml, TORB Torb, TORB Torb, FINES Finess Array, SONM Songoing Array, ILAR Eielson Array.

AUST 15 19:16:54.2.6.66S; 150.65E, h15km

ISC 15 19:17:50.5.0.8, 7.08S; 150.25E, h0km, mb4.0/12, mb1 4.2/13, mb1mx4.1/20, mbtmp4.0/13, ML2.0/1, MS3.1/4, Ms1 3.1/4, ms1mx2.8/31, Error ellipse: s-maj=24.1km s-min=16.6km az=105.0

ISCJBJ 15 19:17:00.6.0.5, 7.06S; 0.06:150.23E; 0.08, h34km, mb3.9/11, MS3.1/3, Error ellipse: s-maj=12.6km s-min=7.8km az=29.2

NEIC 15 19:17:02.7.0.4.7, 7.11S; 150.20E, h35km, mb4.3/1, Error ellipse: s-maj=12.7km s-min=8.8km az=113.0

ISC 15 19:17:03.0.1.7, 7.12S; 0.09:150.16E; 0.1, h34km, n29, r1863/26, mb4.1/11, MS2.9/19, New Britain region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like PMG Port Moresby, HNR Honiara, MTSU Mount Surprise, QIS Mount Isa, EIDS Eidsvold, KDU Kadavu, RMQ Roma, MTN Manton Dam, WRAB Tennant Creek, WRA Warramunga Arr, QLP Quiptie, DZM Mont Dzumac, KNRA Kunurra, ASAR Alice Springs, ASAR Alice Springs, STKA Stephens Creek, STKA Stephens Creek, WRKA Warakuna, JCJ Chichijima, MEEK Mesakarra, MJAR Matsushiro Arr, MJAR Matsushiro Arr, KSRS Korea Arr, KSRS Korea Arr, KSAR Wonju Array, CMAR Chiang Mai Arr, SONM Songoing Array, MKAR Makanchi Arr, MAW Mawson, ILAR Eielson Array, NVAR Mina Arra Bea, TORB Torb, BDFB Brasilia.

ISK 15 19:30:41.9, 39.32N; 40.84E, h5km, MD2.6

CSEM 15 19:30:42.0.4.0, 39.21N; 40.82E, h2km, MD2.6, Error ellipse: s-maj=13.3km s-min=7.7km az=164.0

DDA 15 19:30:42.1.1.4, 39.25N; 0.04:40.77E; 0.02, h5km, 11km, n19, r137/30, Turkey

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like BNGB Bing'li, BNGB BINGOL, BNGL BINGOL, BINT BINGOL, BINT BINGOL, VRTB Varto-Mus, VRTB Varto-Mus, EZM Erzurum, ERZN Erzurum, EKAR Karacaban, EKAR Karacaban, EKAR Karacaban, PTK PTK, PTK PTK, SVRC Sivrice-ELAZI, SVRC Sivrice-ELAZI, KELT Kelkit, KELT Kelkit, KELT Kelkit, TUTA Tutak, TUTA Tutak, TUTA Tutak, KEMA Kemaliye, KEMA Kemaliye, KEMA Kemaliye.

ISC 15 19:33:17.1.2.2, 3.25N; 126.51E, h0km, mb3.4/3, mb1 3.5/3, mb1mx3.2/42, mbtmp3.4/3, Error ellipse: s-maj=19.24km s-min=25.2km az=66.0, Talaud Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Arr.

ISC 15 19:42:26.0.3.7, 23.39S; 178.67W, h0km, mb4.3/4, mb1 4.4/4, mb1mx3.9/25, mbtmp4.3/4, Error ellipse: s-maj=137.0km s-min=55.6km az=152.0, South of Fiji Islands

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

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

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

Table with columns: Code, Station Name, Az, El, Sg, Pn, Time, Res. Includes stations like Kayabasi, Isparta, Bodrum, Tasoluk, Zeytinkoy-Aydi, Karahalli, Hadim, Konya-Tatoy, Lefka, Tavsanli, Prodhromos, Lefkose.

SZGRF 15 22:08:15.2, 21.24S, 178.27W, h33km, Fiji Islands region
ISLJB 15 22:09:17.2, 0.2, 19.72S, 0.05, 178.26W, 0.05, h550km, mb4, 4/93, Error ellipse: s-maj=7.8km s-min=4.3km az=142.4

NEIC 15 22:09:17.2, 0.9, 19.70S, 178.24W, h542km, 11km, mb4, 5/75, Error ellipse: s-maj=12.0km s-min=6.9km az=134.0

IDC 15 22:09:20.0, 1.5, 19.72S, 178.11W, h574km, 17km, mb3, 7/17, mb 1, 3.9/20, mb 1mx3, 8/28, mbtmq4, 6/20, Error ellipse: s-maj=13.0km s-min=11.0km az=125.0

AUST 15 22:09:22.1, 0.1, 19.26S, 178.24W, h584km, 2km, Error ellipse: s-maj=4.0km s-min=2.8km az=313.0

ISC 15 22:09:18.2, 0.3, 19.70S, 0.08, 178.08W, 0.07, h550km, n290, e140/289, mb4.5/93, 13C-8D, Fiji Islands region

Main station list table with columns: Code, Station Name, Az, El, Sg, Pn, Time, Res. Lists numerous stations like NIUE, AFI, RAO, DZM, OUZ, RAR, RAR, KNTN, URZ, URZ, BFZ, SNZO, KHZ, RPZ, DCZ, WHZ, CTAO, MTSU, COEN, COEN, BBOO, ASAR, ASAR, WRAB, WRA, WRA, WRA, SIJI, MBWA, MEEK, VANDA, VANDA, MORW, KKM, MJAR, MAJO, GSPA, YOJ, LEM, SSSL, TPUB, UNV, PETK, KRSR, CHGN, SMCC, HOPS, USRK, BFSC, EDW2, MONP, IBP, CMB, PFO.

Main station list table with columns: Code, Station Name, Az, El, Sg, Pn, Time, Res. Lists numerous stations like SWSC, N02D, M02C, L02D, BELC, YBHC, MPMC, TIN, WAKR, BC3, HEC, GLE, HUMO, M04C, GMRC, IRM, NV2R, I03D, 214A, J04D, TPD, TPNV, I04A, MOD, K05A, J05D, G03D, H04A, I05D, BRLK, R11A, E03A, MAW, BNN, TUC, WVOR, IPM, G06A, SPU, CCUT, KNB, KULM, WUAZ, WUAZ, RC01, G08A, EYAK, PMR, MSU, SML, DIV, BMRM, MFID, SCM, 121A, KLU, WRAK, DUG, CAST, B08A, HLD, HLID, RND, SRU, MCK, MNTX, MNTX, TXAR, MENT, ANMO, LHMI, MLY, HDA, CCB, DLBC, IM04, COLA, ILAR, MSO, DLMT, BSMT, REDW.

Main station list table with columns: Code, Station Name, Az, El, Sg, Pn, Time, Res. Lists numerous stations like TPWA, FXWY, S22A, SNOW, O20A, IMW, LRM, 529A, LOHW, QLMT, FLWY, BW06, BOZ, 429A, DAWY, SNAJ, EGAK, 530A, SDCO, 329A, 128A, J19A, COLD, 631A, 832A, VNA2, I19A, T25A, 531A, 933A, VNA1, J20A, H19A, 833A, RLMT, CMAR, 632A, CHTO, I20A, 532A, J21A, H20A, Z30A, S26A, 231A, 432A, I21A, 131A, 332A, J22A, 433A, I22A, 534A, S28A, O26A, T29A, R28A, K26A, I25A, R30A, Q30A, SONM, YKA, ZALV, MKAR, ARU, AKTO, BOSA, ARCES, ARCES, GYNT, GYNT, NB2, NOA, HFS, AKAS, KIEV, EKA, BSEK, BRTR, BURAN, ASF, TJSR, TJSR, STHS, KOLS, CFR, ANTO, VRI, PLOR, TLB, TRPA, OLC, OLC.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like Suanglung, Ta-pu, Yeheng, Kume jima 2, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like Nanatoyohara, Santa, Iheya, Kunigami, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like Joke, JTK, JAMN, JAM, JG, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like USRK, CMAR, CMAR, SONM, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like PETK, MKAR, ZALV, WRA, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like ASAR, BRTR, and a section for NNC 16:02:17:04:2.7, 5, 37:20N-71:37E, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like DZET, SFK, MNAS, KK31, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like MAN 16:02:40:44, 10:69N, 124:99E, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like PLP, OCLP, MSLP, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like IDC 16:02:59:16.9, 1.5, 12:05N-140:15E, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like ISC 16:02:59:22.5, 1.6, 12:02N-02:140:1E, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like SKO 16:03:03:44.0, 40:69N-22:74E, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like THE Thessaloniki, KNT Kendrikon, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like VAY Valandovo, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like VAY Valandovo, SRS Serrai, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like BUI 16:03:05:22.0, 4:34S, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like IDC 16:03:05:23.6, 2.6, 3:90S, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like NEIC 16:03:05:27.9, 0.6, 3:87S, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like AUS 16:03:05:34.4, 4:39S, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like Code Station Name, Az, Az, Phase ID, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like FAKI Fak Fak, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like FAKI Fak Fak, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like FAKI Fak Fak, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like FAKI Fak Fak, etc.

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Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like FAKI Fak Fak, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like FAKI Fak Fak, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like DZM Mont Dzumac, MEEK Meekatharra, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like GIRL Girilala, YULB Yu-li, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like LEM Lembang, NACB Ninganchiao, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like YHNB Yeheng, MORW Morwa, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like BLDU Balidu, JNU Nakatsue, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like QIZ Qizil, QIZ Qizil, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like QIZ Qizil, QIZ Qizil, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like QIZ Qizil, QIZ Qizil, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like QIZ Qizil, QIZ Qizil, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like QIZ Qizil, QIZ Qizil, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like QIZ Qizil, QIZ Qizil, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like QIZ Qizil, QIZ Qizil, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like QIZ Qizil, QIZ Qizil, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other details. Includes stations like QIZ Qizil, QIZ Qizil, etc.

16d 3h

Table with columns: KLR, Kul'dur, 53.55 352 eP, P, 03 14 39.6 -2.7, etc. Lists various stations and their parameters.

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Table with columns: AKTO, Aktyubinsk, 88.77 321 P, P, 03 18 11.6 -3.3, etc. Lists stations and their parameters.

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Table with columns: GDZ, Gediz, 2.42 225 iS, Sn, 03 10 13.6 +1.1, etc. Lists stations and their parameters.

PMABR	Mafra	89.81 311	eS	S	03 54 47.4 +3.2
HABR	Khabarovsk	90.25 39	P	P	03 43 54.9 +0.7
HABR			e		03 47 29.1
HABR			ePPP	PPP	03 49 26.9
HABR			eS	SKSacc	03 54 25.2 +0.4
HABR			e		03 54 52.7
HABR			eSS	SS	04 00 53.1 +5.3
HABR			pmx	pmx	
HABR	comp-Z,161nm,2.7s			pmx	pmx
HABR	comp-Z,91nm,2.0s			MLR	MLR
PGAV	Gaviera, Arco	90.30 314	eS	S	03 54 46.3 -2.5
PGAV	Gaviera, Arco	90.30 314	eLQ	LQ	04 07 52.8
PGAV			eLR	LR	04 11 26.8
HNR	Honiará	91.24 100	PFAKE	LR	03 44 10.0 +10
HNR					
KEV	Kevo	91.48 347	PFAKE	LR	03 44 10.0 +11
KEV					
ARAO	ARCESS Array S	91.62 347	eP	P	03 43 59.8 -0.4
ARCES	ARCESS Array B	91.62 347	eP	P	03 43 59.8 -0.4
ARCES	comp-Z,3.8nm,0.7s,baz=121,slow=4.3,SNR=8.5			LR	04 27 25.7
ARCES	comp-Z,628nm,18.4s,baz=144,slow=37			P	03 43 59.8 -0.4
ARCES	ARCESS Array B	91.62 347	eP	P	03 43 59.8 -0.4
ARCES	comp-Z,4.0nm,0.7s			pmx	pmx
ARCES	comp-Z,628nm,18.4s			MLR	MLR
PMOZ	Porto Moniz, M	93.64 303	eLQ	LQ	04 15 56.9
PMOZ			eLR	LR	04 17 18.4
SACV	Santiago Islan	93.75 284	PFAKE	LR	03 44 20.0 +8.7
SACV					
OZU	Omahuta	93.81 129	PFAKE	LR	03 44 20.0 +8.8
OZU					
YAK	Yakutsk	94.11 25	PFAKE	LR	03 44 20.0 +8.2
YAK					
YUK	Yuzh-Kuril'sk	95.41 46c	iP	P	03 44 19.0 +0.8
YUK			iPS	PS	03 48 06.6
YUK			iSS	SS	03 56 47.6 -5.9
YUK			iSSS	SSS	04 01 56.2 -5.9
YUK			pmx	pmx	04 05 37.3
YUK	comp-Z,391nm,1.9s			MLR	MLR
YUK	comp-E,762nm,23.0s			MLR	MLR
KUR	Kuril'sk	97.15 45	eP	Pdf	03 44 29.7 +3.5
KUR			eS	SKSacc	03 55 03.9 +11.1
RCBR	Riachuelo	99.11 261	PFAKE	LR	03 44 50.0 +14
RCBR					
ROSA	Rosais	103.85 306	PFAKE	LR	03 45 10.0 +14
ROSA					
TRQA	Tornquist	105.79 221	PFAKE	LR	03 49 30.0
TRQA					
TARA	Tarawa	106.90 94	PFAKE	LR	03 49 30.0
TARA					
U65B	Hualaeø	113.73 217	PFAKE	LR	03 49 40.0
U65B					
U73B	San Pedro	114.25 218	PFAKE	LR	03 49 50.0 +16
U73B					
RKT	Kangerlussuaq	116.42 337	PFAKE	LR	03 49 50.0 +13
RKT					
LCO	Las Campanas	117.17 223	PFAKE	LR	03 49 50.0 +10
LCO					
GAMB	Gambell	120.06 26	PFAKE	LR	03 50 00.0 +16
GAMB					
LVC	Limon Verde	120.06 230	PFAKE	LR	03 50 00.0 +14
LVC					
SAML	Samuel	122.86 246	ePKP	PKP	03 49 51.1 +0.3
SAML					
LPAZ	La Paz	123.21 236	PKP	PKP	03 49 52.8 +0.6
LPAZ	comp-Z,3.1nm,1.0s,baz=92,slow=2.2,SNR=7.5			PKP	03 49 50.6 -1.6
LPAZ	La Paz	123.21 236	ePKIKP	PKP	03 49 50.6 -1.6
LPAZ			MLR	MLR	
LPAZ	La Paz	123.21 236	ePKP	PKP	03 49 50.6 -1.6
LPAZ					
PTGA	Pitinga	123.39 257	PFAKE	LR	03 50 00.0 +8.1
PTGA					
IM04	Indian Mountai	125.37 19	ePKP	PKP	03 49 52.7 -1.4
COLD	Coldfoot	125.50 16	PFAKE	LR	03 50 10.0 +16
COLD					
MLY	Manley	126.94 18	PFAKE	LR	03 50 10.0 +13
MLY					
BBGH	Gun Hill	127.09 273	PFAKE	LR	03 50 10.0 +11
BBGH					
FYU	Fort Yukon	127.28 15	PFAKE	LR	03 50 10.0 +12
FYU					
BPAW	Bear Paw Mtn.	127.52 19	PFAKE	LR	03 50 10.0 +12
BPAW					
CAST	Castle Rocks	127.64 20	PFAKE	LR	03 50 10.0 +11
CAST					
MDM	Murphy Dome	127.72 17	PFAKE	LR	03 50 10.0 +11
MDM					
SWV2	Sparrevohn	127.88 24	PFAKE	LR	03 50 10.0 +11
SWV2					
COLA	College	127.90 17	PFAKE	LR	03 50 10.0 +11
COLA					
BWN	Browne	127.94 19	PFAKE	LR	03 50 10.0 +11
BWN					
PPLA	Purkeypile	127.95 21	PFAKE	LR	03 50 10.0 +11
PPLA					
CCB	Clear Creek Bu	128.08 18	PFAKE	LR	03 50 10.0 +11
CCB					
INK	Inuvik	128.08 9	ePKIKP	PKP	03 49 57.3 -1.9
INK			ePKP	PKP	03 49 57.3 -1.9
WRH	Wood River Hil	128.13 18	ePKP	PKP	03 49 57.8 -1.6
WRH					
TRF	Thorofore Moun	128.20 20	PFAKE	LR	03 50 10.0 +10
TRF					
ILAR	Eielson Array	128.25 17	PKP	PKP	03 49 57.3 -2.3
ILAR	comp-Z,1.5nm,0.9s,baz=305,slow=3.5,SNR=9.1			PKP	03 49 57.3 -2.3
ILAR	Eielson Array	128.25 17	ePKIKP	PKP	03 49 57.3 -2.3
ILAR			pmx	pmx	
ILB	Eielson Array	128.25 17	ePKP	PKP	03 49 57.3 -2.3
MCK	McKinley	128.42 19	PFAKE	LR	03 50 10.0 +10
MCK					
HDA	Harding Lake	128.50 17	PFAKE	LR	03 50 10.0 +10
HDA					
RND	Reindeer	128.68 19	PFAKE	LR	03 50 10.0 +9.4
RND					
GRGR	Grenville	128.87 271	PFAKE	LR	03 50 10.0 +7.8
GRGR					

DFD	Fort de France	128.93 275	PFAKE	LR	03 50 10.0 +7.6
DFD					
DHY	Denali Highway	129.38 19	PFAKE	LR	03 50 10.0 +8.0
DHY					
SUA	Susitna One	129.43 22	PFAKE	LR	03 50 10.0 +7.9
SUA					
EGAK	Eagle	129.73 15	PFAKE	LR	03 50 10.0 +7.6
EGAK					
PMR	Palmer	129.89 21	PFAKE	LR	03 50 10.0 +7.2
PMR					
PAX	Paxson	130.03 18	PFAKE	LR	03 50 10.0 +6.8
PAX					
ANWB	Willy Bob	130.03 278	PFAKE	LR	03 50 20.0 +16
ANWB					
RC01	Rabbit Creek A	130.04 22	PFAKE	LR	03 50 10.0 +6.9
RC01					
SCM	Sheep Creek Mo	130.31 20	PFAKE	LR	03 50 20.0 +16
SCM					
PPT2	Papeete	130.65 134	eSS	SS	04 09 47.1 -1.3
PPT2	comp-Z,2.0m,30.8s			LQ	04 25 48.4
PPT2	Papeete2	130.65 134	eLQ	LQ	04 25 48.4
PPT2	comp-Z,2.9m,42.0s			eLR	04 31 20.8
PPT2	comp-Z,5.5m,32.0s				
DAWY	Dawson	130.75 14	ePKP	PKP	03 50 04.1 -0.3
DAWY	Seward	130.83 22	PFAKE	LR	03 50 20.0 +15
DAWY	SEW				
KLU	Klutina	131.02 19	PFAKE	LR	03 50 20.0 +15
KLU					
OHAK	Old Harbor	131.18 27	PFAKE	LR	03 50 20.0 +15
OHAK					
DIV	Divide	131.34 20	PFAKE	LR	03 50 20.0 +14
DIV					
EYAK	Eyak	131.78 20	PFAKE	LR	03 50 20.0 +14
EYAK					
BMRM	Bremner River	131.83 19	PFAKE	LR	03 50 20.0 +13
BMRM					
POI	Presque Isle	132.30 318	PFAKE	LR	03 50 20.0 +12
POI					
NNA	Nana	132.55 234	PFAKE	LR	03 50 20.0 +11
NNA					
EMMW	East Machias	132.60 315	PFAKE	LR	03 50 20.0 +12
EMMW					
BBSR	BB Station	133.11 298	PFAKE	LR	03 50 20.0 +10
BBSR					
STVI	Saint Thomas	133.11 279	PFAKE	LR	03 50 20.0 +10
STVI					
HUMP	Col San Antoni	133.93 278	PFAKE	LR	03 50 20.0 +8.3
HUMP					
HYT	Haines Junction	133.97 15	ePKP	PKP	03 50 10.6 -0.2
HYT					
WVL	Waterville	134.13 315	PFAKE	LR	03 50 20.0 +8.7
WVL					
SJG	San Juan	134.21 278	PFAKE	LR	03 50 20.0 +7.8
SJG					
RKT	Rikitea	134.62 153	eSS	SS	04 10 38.0 +2.8
RKT	comp-Z,3.0m,24.0s			eLR	04 33 04.8
RKT	Rikitea	134.62 153	eLR	LR	04 33 04.8
RKT	comp-Z,3.0m,24.0s				
CRPR	Cabo Rojo, PR	135.10 278	PFAKE	LR	03 50 30.0 +16
CRPR					
AGP	Aguadilla	135.18 278	PFAKE	LR	03 50 30.0 +16
AGP					
YKA	Yellowknife Ar	135.36 0	PKP	PKP	03 50 12.7 -0.4
YKA	comp-Z,4.0m,21.0s				
YKA	comp-Z,1.6nm,0.8s,baz=20,slow=2.0,SNR=4.8			PP	03 52 50.3 +1.4
YKA	comp-Z,0.9nm,0.9s,baz=355,slow=6.1,SNR=3.8			PP	03 50 12.7 -0.4
YKA	Yellowknife Ar	135.36 0	PKIKP	PKP	03 52 50.3
YKA					
YKB5	Yellowknife Ar	135.36 0	ePKP	PKP	03 50 12.7 -0.4
YKB5					
SKAG	Skagway	135.70 15	PFAKE	LR	03 52 50.4 +1.4
SKAG					
FFD	Franklin Falls	135.87 315	PFAKE	LR	03 50 30.0 +15
FFD					
HRV	Adam Dziewonski	136.15 313	PFAKE	LR	03 50 30.0 +15
HRV					
BRVW	Bryant College	136.34 313	PFAKE	LR	03 50 30.0 +14
BRVW					
SDV	Santo Domingo	136.59 264	PFAKE	LR	03 50 30.0 +13
SDV					
ACCN	Adirondack Com	137.25 316	PFAKE	LR	03 50 30.0 +13
ACCN					
LONY	Lake Ozonia	137.34 318	PFAKE	LR	03 50 30.0 +13
LONY					
NCB	Newcomb	137.38 317	PFAKE	LR	03 50 30.0 +13
NCB					
YLE	Yale	137.54 312	PFAKE	LR	03 50 30.0 +12
YLE					
DLBC	Dease Lake	137.82 12	ePKP	PKP	03 50 20.5 +2.6
DLBC					
PAL	Palisades	138.33 312	PFAKE	LR	03 50 30.0 +11
PAL					
ODNJ	Ogdensburg	138.79 313	ePKP	PKP	03 50 18.2 -1.9
ODNJ					
BRNJ	Basking Ridge	138.92 312	PFAKE	LR	03 50 30.0 +10
BRNJ					
WRAK	Wrangell Islan	139.14 15	PFAKE	LR	03 50 30.0 +10
WRAK					
SDDR	Pres de Saban	139.15 279	PFAKE	LR	03 50 30.0 +8.5
SDDR					
GRTK	Grand Turk	139.18 282	PFAKE	LR	03 50 30.0 +8.6
GRTK					
LUPA	Lehigh Univers	139.52 312	PFAKE	LR	03 50 30.0 +8.5
LUPA					
CRAG	Craig	139.79 16	PFAKE	LR	03 50 30.0 +8.6
CRAG					
PAPH	Port-au-Prince	140.06 278	PFAKE	LR	03 50 30.0 +6.9
PAPH					
SADO	Sadowa	140.13 320	PFAKE	LR	03 50 30.0 +7.6
SADO					
MMNY	Mt. Morris Dam	140.34 317	PFAKE	LR	03 50 30.0 +7.1
MMNY					
LGNH	L'Ogone	140.35 278	PFAKE	LR	03 50 40.0 +16
LGNH					
OTAV	Otavallo	140.58 248	ePKP	PKP	03 50 22.1 -2.7
OTAV					

OTAV				LR	LR
SDMD	Soldier's Deli	141.01 311	PFAKE	LR	03 50 40.0 +16
SDMD					
SSPA	Standing Stone	141.25 314	ePKP	PKP	03 50 25.6 +1.0
SSPA					
FFC	Flin Flon	141.93 348	PFAKE	LR	03 50 40.0 +15
FFC					
JSRW	J. Sargeant				

H34A	Spellman Lake, baz=149	149.00	334	PKPab	PKPab	03 50	45.4	-0.5
TIGA	Tifton	149.00	302	PKPab	PKPab	03 50	45.4	-0.9
TIGA	Tifton	149.00	302	ePKPbc	PKPbc	03 50	42.2	0.0
OLIL	Olney	149.03	318	ePKPbc	PKPbc	03 50	42.5	+0.5
E28A	Huff	149.15	341	PKPab	PKPab	03 50	45.2	-1.3
USIN	University of	149.17	316	ePKPbc	PKPbc	03 50	41.8	-0.7
D26A	Manning	149.23	344	PKPab	PKPab	03 50	45.6	-1.2
B08A	Colville Reser	149.26	6	ePKPbc	PKPbc	03 50	42.0	-0.4
F30A	Leola	149.27	339	PKPab	PKPab	03 50	46.2	-0.7
I35A	Creekview Farm	149.30	332	PKPab	PKPab	03 50	47.1	0.0
D25A	Fairfield	149.35	345	PKPab	PKPab	03 50	47.3	0.0
H33A	Prehn Over Nor	149.39	335	PKPab	PKPab	03 50	47.7	+0.1
NLWA	Neilton Lookou	149.49	13	PFAKE	LR	03 50	50.0	+2.2
F29A	Eureka	149.54	340	PKPab	PKPab	03 50	48.4	+0.3
I34A	Hadley	149.54	333	PKPab	PKPab	03 50	48.3	+0.2
NEW	Newport	149.54	4	ePKP2	PKPbc	03 50	43.6	+0.5
NEW	Newport	149.54	4	PKPab	PKPab	03 50	48.1	+0.1
NEW	Newport	149.54	4	ePKPbc	PKPbc	03 50	43.6	+0.5
E27A	Carson	149.54	342	PKPab	PKPab	03 50	48.3	+0.2
EGMT	Eagleton	149.62	354	PKPab	PKPab	03 50	48.9	+0.5
EGMT	Eagleton	149.62	354	PFAKE	LR	03 50	50.0	+1.6
E26A	Carlson Angus	149.76	344	PKPab	PKPab	03 50	49.2	+0.2
J35A	Milford	149.79	332	PKPab	PKPab	03 50	49.8	+0.6
H32A	Carlson Farm,	149.81	335	PKPab	PKPab	03 50	49.0	-0.2
F28A	McLaughlin	149.84	341	PKPab	PKPab	03 50	49.9	+0.5
C09A	Chrisman Ranch	149.92	5	ePKPbc	PKPbc	03 50	43.9	-0.1
G30A	Faulkton	149.92	338	PKPab	PKPab	03 50	49.5	-0.2
I33A	Coleman	149.93	334	PKPab	PKPab	03 50	49.9	+0.1
E25A	Miller Ranch,	149.97	345	PKPab	PKPab	03 50	51.1	+1.3
PAYG	Puerto Ayora	149.99	235	ePKPbc	PKPbc	03 50	45.1	-0.1
BSMT	Bassoo Peak	150.03	1	ePKPbc	PKPbc	03 50	44.7	+0.2
D05A	Ennumclaw	150.04	10	ePKPbc	PKPbc	03 50	45.2	+0.9
ECSD	EROS Data Cent	150.11	334	PKPab	PKPab	03 50	51.3	+0.8
ECSD	EROS Data Cent	150.11	334	ePKPbc	PKPbc	03 50	44.2	-0.5
G29A	Hoover	150.13	339	PKPab	PKPab	03 50	51.3	+0.7
JTMT	Jette	150.14	360	ePKPbc	PKPbc	03 50	44.3	-0.4
LTY	Liberty	150.18	9	ePKPbc	PKPbc	03 50	43.8	-1.0
F27A	Leamon	150.18	342	PKPab	PKPab	03 50	51.8	+1.0
I32A	George	150.19	332	PKPab	PKPab	03 50	51.8	+1.0
J34A	Karley and Nic	150.22	335	PKPab	PKPab	03 50	51.6	+0.6
WVT	Waverly	150.26	313	ePKIKP	PKPbc	03 50	45.8	+0.6
WVT	Waverly	150.26	313	ePKPbc	PKPbc	03 50	45.8	+0.6
K35A	Storm Lake	150.30	331	PKPab	PKPab	03 50	52.3	+1.0
SIUC	Southern Illin	150.33	317	ePKPbc	PKPbc	03 50	46.5	+1.2
E03A	Leban	150.35	13	ePKPbc	PKPbc	03 50	45.1	0.0
SWMT	Swartz Lake	150.38	359	ePKPbc	PKPbc	03 50	45.4	+0.1
F26A	Lodgepole	150.38	343	PKPab	PKPab	03 50	52.6	+1.0
LAO	LASA Array	150.42	349	PKPab	PKPab	03 50	52.8	+1.1
SLM	Saint Louis	150.43	319	ePKIKP	PKPbc	03 50	44.9	-0.6
SLM	Saint Louis	150.43	319	ePKPbc	PKPbc	03 50	44.9	-0.6
LOH	Longmire	150.50	10	ePKIKP	PKPbc	03 50	45.6	+0.1
LOH	Longmire	150.50	10	ePKPbc	PKPbc	03 50	45.6	+0.1
JTS	JuntasAbangare	150.50	259	PFAKE	LR	03 50	50.0	-3.0
F25A	Bowman	150.52	344	PKPab	PKPab	03 50	53.1	+0.9
G28A	Parade	150.57	340	PKPab	PKPab	03 50	53.9	+1.5
D08A	Wallman Farm,	150.59	6	ePKPbc	PKPbc	03 50	47.3	+1.7
J30A	Davis	150.60	334	PKPab	PKPab	03 50	53.8	+1.3
G27A	Dupree	150.60	342	PKPab	PKPab	03 50	53.9	+1.4
SLMT	Seeley Lake	150.64	359	ePKPbc	PKPbc	03 50	46.1	+0.1
I31A	Royce, Wessing	150.64	336	PKPab	PKPab	03 50	53.9	+1.2
K24A	Le Mars	150.72	332	PKPab	PKPab	03 50	54.6	+1.5
H29A	Onida	150.73	339	PKPab	PKPab	03 50	54.1	+1.1
UTMT	University of	150.86	314	ePKPbc	PKPbc	03 50	48.0	+1.4
G24A	Maurie	150.88	343	PKPab	PKPab	03 50	54.7	+1.1
F04D	Rainier, OR	150.91	12	PKPab	PKPab	03 50	55.1	+1.5
L35A	Bielow Farm, R	150.92	330	PKPab	PKPab	03 50	55.0	+1.1
J32A	Parkston	150.92	335	PKPab	PKPab	03 50	55.0	+1.2
F03A	Seaside	150.94	13	ePKPbc	PKPbc	03 50	49.0	+2.5
H28A	Mission Ridge	150.96	340	PKPab	PKPab	03 50	54.9	+0.9
CHMT	Chamberlain Mo	150.96	358	ePKPbc	PKPbc	03 50	45.9	-0.9
E07A	Sunnyside	150.98	8	PFAKE	LR	03 50	50.0	+3.4
MSO	Missoula	151.06	359	PKPab	PKPab	03 50	55.8	+1.4
MSO	Missoula	151.06	359	ePKPdf	PKPdf	03 50	43.0	+1.9
I30A	Oacoma	151.07	337	PKPab	PKPab	03 50	56.2	+1.7

HRY	Holter Researc	151.10	356	ePKPbc	PKPbc	03 50	47.4	+0.4
F04A	Amboy	151.17	12	PFAKE	LR	03 50	50.0	+3.0
HAWA	Haniford	151.18	7	ePKPbc	PKPbc	03 50	46.3	-0.7
K33A	Hardington	151.19	333	PKPab	PKPab	03 50	56.0	+1.0
G25A	Newell	151.19	344	PKPab	PKPab	03 50	56.2	+1.2
I29A	Vivian Onida	151.29	339	PKPab	PKPab	03 50	56.2	+0.8
H27A	Hoves	151.32	341	PKPab	PKPab	03 50	56.8	+1.3
J11A	Geddes	151.34	336	PKPab	PKPab	03 50	56.7	+1.1
PVMO	Portageville	151.38	315	PFAKE	LR	03 50	50.0	+2.2
L34A	Svendsen Farm,	151.42	331	PKPab	PKPab	03 50	57.0	+1.0
M35A	Neola	151.49	330	PKPab	PKPab	03 50	57.5	+1.3
H26A	Fairpoint	151.54	342	PKPab	PKPab	03 50	57.4	+1.0
K32A	Vedigre	151.56	334	PKPab	PKPab	03 50	57.3	+0.8
J30A	Dallas	151.60	337	PKPab	PKPab	03 50	57.5	+0.8
I28A	Midland	151.61	340	PKPab	PKPab	03 50	57.9	+1.2
PBMO	Poplar Bluff	151.66	317	ePKPbc	PKPbc	03 50	49.5	+1.1
L33A	Hoskins	151.66	333	PKPab	PKPab	03 50	57.6	+0.6
G03D	Minneapolis, O	151.69	13	PKPab	PKPab	03 50	58.2	+1.3
H25A	Fruitdale	151.77	344	PKPab	PKPab	03 50	58.0	+0.6
F10A	Beach Ranch, E	151.82	4	PFAKE	LR	03 50	50.0	+1.3
GCMT	Greycliff	151.82	353	ePKPbc	PKPbc	03 50	48.8	0.0
I27A	Quinn	151.83	341	ePKPbc	PKPbc	03 50	58.5	+0.9
J29A	Okreek	151.84	338	PKPab	PKPab	03 50	58.4	+0.7
GNAR	Gosnell	151.84	315	ePKPbc	PKPbc	03 50	48.9	0.0
M34A	Aspy Farms, Fr	151.88	331	ePKPbc	PKPbc	03 50	58.9	+1.0
N35A	Tabor	151.92	329	PKPab	PKPab	03 50	59.0	+0.9
BRAL	Brewton	151.94	303	PFAKE	LR	03 50	50.0	+0.7
LRM	Limekiln Ridge	152.02	357	ePKPbc	PKPbc	03 50	50.1	+0.7
G05D	Wamic, OR	152.04	10	PKPab	PKPab	03 50	59.4	+1.0
M33A	Taylor Creek F	152.10	332	PKPab	PKPab	03 50	59.7	+0.8
I26A	New Underwood	152.11	342	PKPab	PKPab	03 50	59.1	+0.3
L32A	Elgin	152.11	333	PKPab	PKPab	03 50	59.8	+0.9
O36A	Bolkow	152.12	327	PKPab	PKPab	03 50	59.6	+0.6
J28A	Allard Ranch,	152.14	339	PKPab	PKPab	03 50	60.0	+1.0
BOZ	Bozeman (W)	152.15	356	PKPab	PKPab	03 50	59.9	+0.9
BOZ	Bozeman (W)	152.15	356	PFAKE	LR	03 50	50.0	+0.5
G06A	Carlson Farm,	152.16	9	ePKPbc	PKPbc	03 50	49.6	+0.2
OXF	Oxford	152.19	312	ePKIKP	PKPbc	03 50	49.2	-0.5
OXF	Oxford	152.19	312	ePKPbc	PKPbc	03 50	49.2	-0.5
K30A	Basset	152.20	336	PKPab	PKPab	03 51	00.1	+0.8
MET	Memphis--Engin	152.24	313	PFAKE	LR	03 50	50.0	+0.2
COR	Corvallis	152.27	14	ePKIKP	PKPbc	03 50	51.5	+1.9
COR	Corvallis	152.27	14	ePKPbc	PKPbc	03 50	51.5	+1.9
H23A	Clabaugh Cattle	152.28	346	PKPab	PKPab	03 51	00.3	+0.7
L31A	Butterfield Fa	152.32	335	PKPab	PKPab	03 51	00.4	+0.6
G08A	Pilot Ranch	152.33	7	ePKPbc	PKPbc	03 50	48.2	-1.6
RSSD	Black Hills	152.35	344	ePKIKP	PKPbc	03 50	52.2	+2.1
RSSD	Black Hills	152.35	344	ePKPbc	PKPbc	03 50	52.2	+2.1
N34A	Lincoln	152.36	330	PKPab	PKPab	03 51	00.3	+0.4
I25A	Rochefford	152.36	343	PKPab	PKPab	03 51	01.1	+1.1
K29A	Lazy Trails An	152.40	337	PKPab	PKPab	03 51	01.6	+1.5
H04A	Detroit Lake	152.42	12	ePKPbc	PKPbc	03 50	48.9	-1.1
RLMT	Red Lodge	152.43	352	PKPab	PKPab	03 51	01.7	+1.4
H22A	Clearmont	152.45	348	PKPab	PKPab	03 51	01.5	+1.2
DLMT	Dillon	152.49	357	ePKPbc	PKPbc	03 50	49.4	-0.9
O35A	Humboldt	152.50	328	PKPab	PKPab	03 51	01.2	+0.7
J27A	Elkhorn Farm,	152.55	340	PKPab	PKPab	03 51	01.4	+0.7
H21A	Big Horn, Sher	152.56	349	PKPab	PKPab	03 51	01.6	+0.9
P36A	Good Intent, A	152.62	326	PKPab	PKPab	03 51	00.3	-0.7
BGNE	Belgrade	152.66	333	PKPab	PKPab	03 51	02.4	+1.2
BGNE	Belgrade	152.66	333	ePKPbc	PKPbc	03 50	52.3	+1.7
K24A	Kuemmerle Ranch	152.75	344	PKPab	PKPab	03 51	02.3	+0.8
Q37A	Longview Farm,	152.75	324	PKPab	PKPab	03 51	03.0	+1.4
K28A	Ten Mile Ranch	152.81	339	PKPab	PKPab	03 51	02.7	+0.9
J19A	Sides Ranch, S	152.82	342	PKPab	PKPab	03 51	03.3	+1.4
H26A	Powell	152.84	352	PKPab	PKPab	03 51	02.9	+0.9
I23A	Meade Ranch, G	152.86	346	PKPab	PKPab	03 51	02.8	+0.7
L30A	Spencer Herefo	152.86	336	PKPab	PKPab	03 51	03.5	+1.5
H20A	Greybull	152.86	350	PKPab	PKPab	03 51	03.0	+1.0
N33A	J Bar K, Exete	152.88	331	PKPab	PKPab	03 51	03.1	+1.0
I05D	Terrebonne, OR	152.91	11	PKPab	PKPab	03 51	03.5	+1.3
O34A	Beatrice	152.96	329	PKPab	PKPab	03 51	03.3	+0.8
J25A	Sunshine Ranch	152.97	343	PKPab	PKPab	03 51	03.2	+0.7
YNR	Norris Junctio	152.99	354	PFAKE	LR	03 51	00.0	-2.7
MCMT	McKenzie Canyo	153.03	358	ePKPbc	PKPbc	03 50	54.4	+2.8
MCMT								

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REDW	Red Top Meadow	154.35	354	ePKPbc	PKPbc	LR	03 50	56.0	+1.4
REDW	comp=Z,4um,20.0s								
U38A	Gravette	154.37	320	PKPab	PKPab	LR	03 51	10.7	+2.1
U33A	Connelly Farm,	154.43	329	PKPab	PKPab	LR	03 51	10.7	+2.0
MFID	Camas Ranch	154.44	2	ePKPdf	PKPdf	LR	03 50	47.4	+1.2
MFID	comp=Z,4um,21.0s								
K04D	Chiloquin, OR	154.48	13	PKPab	PKPab	LR	03 51	09.1	+0.2
L02D	Cave Junction,	154.49	16	PKPab	PKPab	LR	03 51	09.6	+0.8
O30A	MW Ranch, Wils	154.49	334	PKPab	PKPab	LR	03 51	10.9	+1.9
M26A	McRoberts Ranc	154.52	340	PKPab	PKPab	LR	03 51	11.5	+2.4
K05A	Summer Lake	154.55	11	ePKPbc	PKPbc	LR	03 50	54.5	-0.5
OGNE	Ogallala	154.60	338	PKPab	PKPab	LR	03 51	10.9	+1.4
S35A	Otter Creek Ra	154.63	325	PKPab	PKPab	LR	03 51	11.0	+1.4
N28A	Pribbeno Ranch	154.65	337	PKPab	PKPab	LR	03 51	11.3	+1.6
R34A	Isabella, Hill	154.67	327	PKPab	PKPab	LR	03 51	08.7	-1.1
P31A	Stockton	154.74	332	PKPab	PKPab	LR	03 51	10.3	+0.2
V38A	Canehill	154.76	319	PKPab	PKPab	LR	03 51	10.7	+0.5
BW06	Boulder Array	154.78	352	PFAKE	LR	LR	03 51	00.0	+4.5
Q32A	Mellier Ranch,	154.79	330	PKPab	PKPab	LR	03 51	10.3	+0.1
T36A	Boogs Farm, Ca	154.83	323	PKPab	PKPab	LR	03 51	11.5	+1.1
U37A	Saline	154.83	321	PKPab	PKPab	LR	03 51	10.8	+0.3
M25A	Palm-Egill Farm	154.84	341	PKPab	PKPab	LR	03 51	11.1	+0.6
O29A	4D Ranch, Culb	154.84	335	PKPab	PKPab	LR	03 51	11.5	+1.0
N27A	Anderson Farm,	154.91	338	PKPab	PKPab	LR	03 51	10.8	0.0
AHID	Auburn Hatcher	154.97	354	PFAKE	LR	LR	03 51	00.0	+4.2
R33A	Olander Ranch,	155.04	328	PKPab	PKPab	LR	03 51	12.6	+1.2
MIAR	Mount Ida	155.04	316	ePKIKP	PKPdf	MLR	03 50	48.2	+1.1
MIAR	comp=Z,4um,22.0s								
MIAR	Mount Ida	155.04	316	PKPab	PKPab	LR	03 51	11.5	0.0
MIAR	comp=Z,5um,20.0s								
MIAR	Mount Ida	155.04	316	ePKPdf	PKPdf	MLR	03 50	48.2	+1.1
MIAR	comp=Z,4um,22.0s								
MIAR	Mount Ida	155.04	316	ePKPbc	PKPbc	MLR	03 51	11.8	+0.3
S34A	Willow Spring	155.04	326	PKPab	PKPab	LR	03 51	11.1	-0.3
P30A	Selden	155.10	333	PKPab	PKPab	LR	03 51	11.5	-0.1
YBH	Yreka Blue Hor	155.11	15	ePKIKP	PKPdf	MLR	03 50	56.5	+9.3
YBH	comp=Z,3um,22.0s								
YBH	Yreka Blue Hor	155.11	15	ePKPbc	PKPdf	LR	03 50	56.5	+9.3
N26A	Koester Ranch,	155.12	340	PKPab	PKPab	LR	03 51	11.9	+0.2
Q31A	Ellis	155.16	331	PKPab	PKPab	LR	03 51	12.7	+0.8
WV0R	Wild Horse Val	155.19	7	ePKIKP	PKPdf	MLR	03 50	55.3	+8.0
WV0R	comp=Z,4um,21.0s								
WV0R	Wild Horse Val	155.19	7	ePKPbc	PKPdf	LR	03 50	55.3	+8.0
TEIG	Tepich	155.19	280	PFAKE	LR	LR	03 51	00.0	+1.2
V37A	Hubert	155.20	320	PKPab	PKPab	LR	03 51	12.8	+0.7
U36A	Oologah	155.21	322	PKPab	PKPab	LR	03 51	12.4	+0.3
O28A	Krutzinger Ran	155.22	336	PKPab	PKPab	LR	03 51	12.4	+0.3
M04C	Maccdoel	155.27	13	PKPab	PKPab	LR	03 51	12.7	+0.4
T35A	Sooner Cattle	155.29	324	PKPab	PKPab	LR	03 51	12.9	+0.5
R32A	Long Quarter,	155.31	329	PKPab	PKPab	LR	03 51	12.9	+0.4
W38A	Poteau	155.33	318	PKPab	PKPab	LR	03 51	13.4	+0.7
P29A	Atwood	155.34	334	PKPab	PKPab	LR	03 51	12.9	+0.3
PHWY	Pilot Hill	155.36	344	ePKPdf	PKPdf	MLR	03 50	45.6	-2.2
PHWY	comp=Z,4um,22.0s								
PHWY	Pilot Hill	155.36	344	ePKPbc	PKPbc	MLR	03 51	15.0	+2.0
M02C	Callahan	155.40	15	PKPab	PKPab	LR	03 51	11.8	-1.0
O27A	Beecher Island	155.43	338	PKPab	PKPab	LR	03 51	13.4	+0.4
MOD	Modoc	155.46	11	PFAKE	LR	LR	03 51	00.0	+1.2
CBKS	Cedar Bluff	155.48	332	PKPab	PKPab	LR	03 51	13.9	+0.7
CBKS	comp=Z,5um,22.0s								
CBKS	Cedar Bluff	155.48	332	PFAKE	LR	LR	03 51	00.0	+1.2
Q30A	Quinter	155.56	333	PKPab	PKPab	LR	03 51	14.7	+1.2
TUL1	Tulsa	155.57	321	PKPab	PKPab	LR	03 51	13.7	0.0
TUL1	comp=Z,3um,22.0s								
TUL1	Tulsa	155.57	321	PFAKE	LR	LR	03 51	00.0	+1.2
T34A	McClaskey Farm	155.59	325	PKPab	PKPab	LR	03 51	14.1	+0.3
S33A	Kaszmaul Farm,	155.59	327	PKPab	PKPab	LR	03 51	13.3	-0.4
KHMM	Horse Mountain	155.65	17	PFAKE	LR	LR	03 51	00.0	+1.2
KHMM	comp=Z,7um,21.0s								
O26A	Horse Wrangler	155.68	339	PKPab	PKPab	LR	03 51	12.6	-1.5
P28A	Saint Francis	155.69	336	PKPab	PKPab	LR	03 51	13.4	-0.8
V36A	Jenks	155.74	321	PKPab	PKPab	LR	03 51	13.9	-0.5
Y39A	Lockesburg	155.75	315	PKPab	PKPab	LR	03 51	15.1	+0.6
X38A	Whitesboro	155.78	318	PKPab	PKPab	LR	03 51	14.4	-0.3
U35A	Pawnee	155.80	323	PKPab	PKPab	LR	03 51	13.2	-1.4
R31A	Burdett	155.80	330	PKPab	PKPab	LR	03 51	15.5	+0.8
N02D	Trinity Center	155.83	15	PKPab	PKPab	LR	03 51	14.3	-0.4
W37A	Quinton	155.86	319	PKPab	PKPab	LR	03 51	13.3	-1.6
N23A	Red Feather La	155.87	344	PKPab	PKPab	LR	03 51	12.9	-2.2
N23A	comp=Z,3um,20.0s								
Q29A	Oakley	155.96	334	PKPab	PKPab	LR	03 51	13.4	-1.9
S32A	Newby Ranch, P	155.98	329	PKPab	PKPab	LR	03 51	14.6	-0.8
P27A	Picken Ranch,	156.02	337	PKPab	PKPab	LR	03 51	14.6	-1.0
HVU	Hansel Valley	156.07	357	ePKIKP	PKPdf	MLR	03 50	50.4	+1.9
HVU	comp=Z,5um,20.0s								

HVU	Hansel Valley	156.07	357	ePKPdf	PKPdf	LR	03 50	50.4	+1.9
HVU	comp=Z,5um,20.0s								
R30A	Patterson Ranc	156.10	327	PKPab	PKPab	LR	03 51	15.1	-0.8
T33A	Dighton	156.15	332	PKPab	PKPab	LR	03 51	15.2	-1.0
HWUT	Hardware Ranch	156.16	355	ePKPdf	PKPdf	LR	03 50	50.1	+1.4
HWUT	comp=Z,6um,20.0s								
Q28A	Sharon Springs	156.16	335	PKPab	PKPab	LR	03 51	14.8	-1.4
Y38A	Idabel	156.18	316	PKPab	PKPab	LR	03 51	15.3	-1.1
X37A	Clayton	156.18	318	PKPab	PKPab	LR	03 51	15.3	-1.1
U34A	Anderson Ranch	156.20	325	PKPab	PKPab	LR	03 51	15.3	-1.1
U34A	Anderson Ranch	156.20	325	PFAKE	LR	LR	03 51	00.0	+1.1
Z39A	Irene McRaven,	156.21	314	PKPab	PKPab	LR	03 51	15.3	-1.2
WDC	Whiskeytown Da	156.24	16	PFAKE	LR	LR	03 51	00.0	+1.1
WDC	comp=Z,3um,22.0s								
KMRM	Mail Ridge	156.26	18	PFAKE	LR	LR	03 51	00.0	+1.1
KMRM	comp=Z,4um,20.0s								
V35A	Meyer Ranch, C	156.29	332	PKPab	PKPab	LR	03 51	15.8	-1.0
P26A	Davis Ranch, A	156.30	338	PKPab	PKPab	LR	03 51	15.0	-1.9
S31A	Mulliville	156.31	329	PKPab	PKPab	LR	03 51	16.9	0.0
W36A	Wetumka	156.35	320	PKPab	PKPab	LR	03 51	15.8	-1.2
R29A	Centennial	156.42	333	PKPab	PKPab	LR	03 51	17.4	+0.1
KSCO	Kaye Shedlock'	156.52	336	PKPab	PKPab	LR	03 51	16.4	-1.4
KSCO	Kaye Shedlock'	156.52	336	PFAKE	LR	LR	03 51	00.0	+1.1
U33A	Lingo Farm, Me	156.52	325	PKPab	PKPab	LR	03 51	15.7	-2.1
TCUT	Toone Canyon	156.63	354	PFAKE	LR	LR	03 51	00.0	+1.1
V34A	Guthrie	156.63	324	PKPab	PKPab	LR	03 51	18.1	-0.2
V34A	Guthrie	156.63	324	ePKPdf	PKPdf	LR	03 50	53.6	+4.4
139A	Bunkhouse Ranc	156.68	313	PKPab	PKPab	LR	03 51	18.6	0.0
O03D	Paynes Creek	156.69	14	PKPab	PKPab	LR	03 51	16.9	-1.5
Y37A	Hugo	156.73	317	PKPab	PKPab	LR	03 51	18.6	-0.1
W35A	Tecumseh	156.73	321	PKPab	PKPab	LR	03 51	17.5	-1.2
Z38A	Mt. Pleasant	156.75	315	PKPab	PKPab	LR	03 51	17.9	-1.0
S30A	Montezuma	156.76	331	PKPab	PKPab	LR	03 51	18.2	-0.6
R28A	Tribune	156.77	334	PKPab	PKPab	LR	03 51	18.6	-0.3
KCPM	Cahto Peak	156.79	18	PFAKE	LR	LR	03 51	00.0	+1.1
KCPM	comp=Z,2um,20.0s								
ISCO	Idaho Springs	156.80	343	PKPab	PKPab	LR	03 51	19.0	-0.2
ISCO	Idaho Springs	156.80	343	PFAKE	LR	LR	03 51	00.0	+1.0
X36A	Centrahoma	156.81	320	PKPab	PKPab	LR	03 51	16.4	-2.6
T31A	Rantall Ranch,	156.82	329	PKPab	PKPab	LR	03 51	17.5	-1.5
Q26A	Hugo	156.92	338	PKPab	PKPab	LR	03 51	16.5	-3.0
BGU	Big Grassy Mou	156.93	357	PFAKE	LR				

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like 335A Moody, 234A Clairette, 139A Hamilton Ranch, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like IRM Iron Mountain, BFC Forte Macarthur, MNMX Cornudas Mount, etc.

IDC 16 03:51:39.8d, 9, 30.09Sx179.14E, h499km, 48km, mb2.9/4, mb1 3.1/6, mb1mx2.9/38, mbtmp4.0/6, Error ellipse: s-maj=49.8km s-min=23.0km az=40.0, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like URZ Urewera, RPZ Rata Peaks, STKA Stephens Creek, etc.

CSEM 16 03:52:25.0, 0.5, 50.32N; 18.89E, h2km, Error ellipse: s-maj=10.6km s-min=5.9km az=1.0, PRU 16 03:52:25.8, 50.28N; 18.91E, h0km, 2C, Poland

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CHZP Chorzow, OJC Ojcow, OJC Ostrava-Krasne, etc.

IDC 16 03:55:17.2, 1.6, 14.32Sx174.10W, h0km, mb4.1/5, mb1 4.4/5, mb1mx4.0/17, mbtmp4.1/5, Error ellipse: s-maj=53.5km s-min=23.9km az=151.0, Samoa Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AFI Afiamalu, JAY Jayapura, WRA Warramunga Arr, etc.

BUI 16 04:01:21.9, 8.805x 118.70E, h90km, mb4.9/27, mb5.4/14, Ms4.97, Ms7 4.6/7

AUST 16 04:01:25.2, 8.99Sx 118.96E, h60km

MOS 16 04:01:26.0, 1.2, 8.47S; 118.81E, h132km, mb4.5/15, Error ellipse: s-maj=13.2km s-min=7.7km az=126.2

KLM 16 04:01:26.8, 8.75Sx 118.63E, h9km, mb4.7, ML4.9, MS5.5

ISCBJ 16 04:01:27.0, 0.2, 8.68S; 0.03x 118.78E; 0.03, h150km, mb4.5/46, Error ellipse: s-maj=4.3km s-min=2.8km

NEIC 16 04:01:27.4, 0.6, 8.64S; 118.73E, h133km, 6km, mb4.7/15, Error ellipse: s-maj=7.5km s-min=4.7km az=49.0

IDC 16 04:01:28.7, 1.2, 8.67S; 118.73E, h142km, 10km, mb4.3/22, mb1 4.3/26, mb1mx4.3/29, mbtmp4.7/26, Error ellipse: s-maj=12.5km s-min=8.1km az=66.0

DJA 16 04:01:29.2, 0.2, 9.5; 2.11E; 11.9E, h86km, 4km, MS.0/20, mb5.0/14, mb5.3/4, MLV5.1/20, Mw(MB)4.7/4

ISC 16 04:01:29.4, 0.3, 8.76S; 0.04x 118.75E; 0.04, h150km, 196, s=175/197, mb4.6/44, 9C-4D, Sambawa region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WSI Waingapu, BSI Baing, Sumba, EDFI Ende, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like SOEI Soe, KDI Kendari, LUWI Luwuk, etc.

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T36A	Boggs Farm, Ca	37.65	312	P	P	04 37 18.6	+0.1
633A	Saathoff Ranch	37.69	299	P	P	04 37 19.2	+0.1
S36A	Lake Cedric, C	37.73	313	P	P	04 37 19.4	+0.1
V35A	Meyer Ranch, C	37.81	309	P	P	04 37 20.0	0.0
Y34A	Reagan Ranch,	37.84	306	P	P	04 37 20.8	+0.6
433A	Art	37.94	301	P	P	04 37 20.9	-0.3
U35A	Pawnee	37.98	310	P	P	04 37 21.4	0.0
333A	Richland Sprin	38.01	302	P	P	04 37 21.4	-0.3
T35A	Sooner Cattle	38.04	311	P	P	04 37 22.1	+0.2
X34A	Smith Ranch, M	38.13	307	P	P	04 37 23.0	+0.4
233A	Rising Star	38.13	303	P	P	04 37 23.5	-0.3
S35A	Otter Creek Ra	38.23	312	P	P	04 37 23.3	-0.2
P36A	Good Intent, A	38.36	316	P	P	04 37 24.2	-0.3
Z33A	Whitaker Ranch	38.41	305	P	P	04 37 25.4	+0.3
LVC	Limon Verde	38.42	192	eP	P	04 37 23.8	-1.6
JCT	Junction City	38.46	300	P	P	04 37 25.4	-0.1
532A	Rocksprings	38.46	299	P	P	04 37 25.4	-0.2
Y33A	Hilltop Ranch,	38.54	306	P	P	04 37 26.8	+0.7
432A	Menard	38.56	301	P	P	04 37 25.9	-0.5
Q35A	Merger Eighty,	38.57	314	P	P	04 37 26.1	-0.2
T34A	McClaskey Farm	38.58	311	P	P	04 37 26.4	0.0
U34A	Anderson Ranch	38.59	310	P	P	04 37 26.7	+0.2
X33A	Lawton	38.62	307	P	P	04 37 27.0	+0.2
332A	Millersview	38.65	301	P	P	04 37 27.5	+0.5
232A	Coleman	38.70	302	P	P	04 37 27.5	-0.1
S34A	Willow Spring	38.81	312	P	P	04 37 28.3	0.0
631A	Perdido Creek	38.87	298	P	P	04 37 29.0	+0.1
ABTX	Abilene, Hawle	38.91	303	P	P	04 37 29.6	+0.3
V33A	Lossen Ranch,	38.92	309	P	P	04 37 29.4	+0.2
Z32A	Haskell	38.98	304	P	P	04 37 30.0	+0.1
531A	Rocksprings	39.01	299	P	P	04 37 29.6	-0.5
R34A	Isabella, Hill	39.16	313	P	P	04 37 31.1	-0.2
431A	Sonora	39.19	300	P	P	04 37 31.4	-0.2
X32A	Elmer	39.19	306	P	P	04 37 31.5	-0.1
331A	San Angelo	39.19	301	P	P	04 37 31.7	0.0
231A	Bronte	39.27	302	P	P	04 37 31.9	-0.3
N35A	Tabor	39.27	317	P	P	04 37 32.7	+0.6
W32A	Sentinel	39.40	307	P	P	04 37 33.4	+0.1
P34A	Walnut Farm, R	39.43	315	P	P	04 37 33.3	-0.2
Z31A	Sharp Cattle R	39.52	304	P	P	04 37 33.6	-0.7
M35A	Neola	39.61	318	P	P	04 37 34.8	-0.1
O34A	Beatrice	39.64	316	P	P	04 37 35.4	+0.3
U32A	Winter Ranch,	39.66	309	P	P	04 37 35.6	+0.1
530A	J-C Ranch, Com	39.68	299	P	P	04 37 35.7	0.0
R33A	Olander Ranch,	39.69	312	P	P	04 37 36.0	+0.4
SCHO	Schefferville	39.70	355	P	P	04 37 36.2	+0.7
X31A	McDonald Ranch	39.80	306	P	P	04 37 35.9	-0.7
Y31A	Rekieta Farm,	39.81	305	P	P	04 37 35.8	-0.9
N34A	Lincoln	39.82	317	P	P	04 37 36.7	0.0
330A	Mertzson	39.84	301	P	P	04 37 36.5	-0.5
L35A	Bielow Farm, R	39.85	319	P	P	04 37 37.4	+0.4
Q33A	Connelly Farm,	39.88	313	P	P	04 37 37.2	+0.1
230A	Sterling City	39.91	302	P	P	04 37 37.4	-0.2
W31A	Holland Ranch,	39.96	307	P	P	04 37 38.0	+0.1
P33A	Williams Farm,	39.98	314	P	P	04 37 38.2	+0.2
SPMN	St. Paul	40.00	325	P	P	04 37 38.2	+0.1
V31A	Spring Creek L	40.08	308	P	P	04 37 39.2	+0.3
S32A	Newby Ranch, P	40.12	311	P	P	04 37 39.6	+0.3
O33A	Hebron	40.19	315	P	P	04 37 40.3	+0.6
429A	Davenport Ranc	40.25	299	P	P	04 37 40.2	-0.2
R32A	Long Quarter,	40.26	312	P	P	04 37 40.5	+0.1
Y30A	Stafford Cattl	40.29	305	P	P	04 37 40.9	+0.2
Z30A	Sanderson Ranc	40.30	304	P	P	04 37 40.6	-0.2
L34A	Evans Farm,	40.31	318	P	P	04 37 41.1	+0.4
Q32A	Meitler Ranch,	40.39	313	P	P	04 37 41.2	-0.2
529A	Stev Forest Ra	40.42	299	P	P	04 37 41.6	-0.2
X30A	Coker Ranch, T	40.44	306	P	P	04 37 41.8	-0.1
I35A	Creekview Farm	40.45	322	P	P	04 37 41.9	+0.1
S31A	Mullinville	40.49	311	P	P	04 37 42.6	+0.3
329A	Wagon Wheel Ra	40.52	301	P	P	04 37 42.7	0.0
M33A	Taylor Creek F	40.64	317	P	P	04 37 43.2	-0.2
P32A	Huiting Farm,	40.69	314	P	P	04 37 43.5	-0.4
129A	Spring Farm,	40.72	302	P	P	04 37 44.0	-0.2
Q32A	Brockman Farm,	40.75	315	P	P	04 37 44.1	-0.2
Z29A	Hungry Hill Ra	40.76	303	P	P	04 37 44.2	-0.4
R31A	Burdett	40.79	312	P	P	04 37 44.6	-0.1
Y29A	Porterfield Fa	40.90	304	P	P	04 37 45.4	-0.3
U30A	WK&E Inc. Balk	40.96	309	P	P	04 37 46.0	-0.2
Q31A	Ellis	40.98	313	P	P	04 37 46.0	-0.3
K33A	Hardington	41.03	319	P	P	04 37 46.8	+0.2
X29A	Tulia	41.09	305	P	P	04 37 46.7	-0.6
CBKS	Cedar Bluff	41.15	312	P	P	04 37 47.4	-0.3
228A	UT Block 9, Go	41.18	301	P	P	04 37 47.6	-0.4
P31A	Stockton	41.19	313	P	P	04 37 47.6	-0.4

BGNE	Belgrade	41.19	317	P	P	04 37 47.7	-0.2
BGNE	Belgrade	41.19	317	eP	P	04 37 47.8	-0.2
W29A	Amelio	41.26	306	P	P	04 37 48.8	+0.2
Z28A	Tucker Farm, M	41.31	303	P	P	04 37 49.1	-0.1
R30A	Dighton	41.33	311	P	P	04 37 49.2	+0.1
Y28A	McKinney Farm,	41.37	304	P	P	04 37 49.6	0.0
ECSD	EROS Data Cent	41.38	321	P	P	04 37 49.3	-0.1
ECSD	EROS Data Cent	41.38	321	eP	P	04 37 49.1	-0.4
L32A	Elgin	41.38	317	P	P	04 37 49.7	+0.2
O31A	Wosen Ranch,	41.42	314	P	P	04 37 49.4	-0.5
TXAR	Lajitas Array	41.50	297	P	P	04 37 50.9	+0.2
TXAR	comp=Z,0.4nm,0.5s,baz=102,slow=8.5,SNR=9.6			PcP	P	04 39 47.0	+1.0
TXAR	comp=Z,0.8nm,0.7s,baz=127,slow=6.5,SNR=5.3			ScP	ScP	04 43 24.9	+0.7
X28A	Dimmitt	41.50	305	P	P	04 37 50.5	-0.2
CPUP	Villa Florida	41.54	175	P	P	04 37 50.0	-0.8
Q30A	Quinter	41.56	312	P	P	04 37 50.5	-0.5
K32A	Verdige	41.68	318	P	P	04 37 52.3	+0.4
S29A	Ulysses	41.70	310	P	P	04 37 51.8	-0.4
M31A	Lambrecht Ranc	41.71	316	P	P	04 37 51.8	-0.4
MSTX	Muleshoe	41.80	304	P	P	04 37 52.9	-0.3
MSTX	Muleshoe	41.80	304	eP	P	04 37 52.9	-0.3
P30A	Selden	41.81	313	P	P	04 37 52.9	-0.1
V28A	Channing	41.90	307	P	P	04 37 53.9	-0.1
O30A	MW Ranch, Wils	41.94	314	P	P	04 37 53.8	-0.3
J32A	Parkston	41.96	319	P	P	04 37 54.9	+0.8
H33A	Prehn Over Nor	41.96	322	P	P	04 37 54.6	+0.4
L31A	Butterfield Fa	42.01	317	P	P	04 37 54.4	-0.2
R29A	Marienthal	42.01	311	P	P	04 37 54.9	+0.2
I32A	Karley and Nic	42.05	320	P	P	04 37 54.6	-0.3
U28A	Mallet	42.10	308	P	P	04 37 55.7	+0.1
T28A	Walsh	42.26	309	P	P	04 37 56.8	0.0
S28A	Marter	42.26	310	P	P	04 37 57.0	+0.2
H32A	Carlson Farm,	42.29	321	P	P	04 37 57.0	+0.2
P29A	Atwood	42.31	313	P	P	04 37 57.2	0.0
V27A	Dan Oppiter Fa	42.37	307	P	P	04 37 57.9	+0.1
O29A	4D Ranch, Culb	42.43	314	P	P	04 37 58.0	-0.1
R28A	Truburn	42.47	311	P	P	04 37 58.1	-0.4
J31A	Geddes	42.48	319	P	P	04 37 58.4	0.0
L30A	Speck Herefo	42.48	316	P	P	04 37 58.8	+0.3
U27A	Thompson Grove	42.57	308	P	P	04 37 58.3	-1.0
N29A	Votaw Ranch, W	42.60	315	P	P	04 37 59.7	+0.2
T27A	Campo	42.70	309	P	P	04 37 60.0	-0.5
I31A	Royce, Wessing	42.72	320	P	P	04 37 59.5	-0.8
K30A	Basset	42.75	317	P	P	04 38 00.6	0.0
P28A	Saint Francis	42.89	312	P	P	04 38 01.7	-0.2
M29A	Burnside Ranch	42.91	315	P	P	04 38 01.3	-0.7
J30A	Dallas	42.98	318	P	P	04 38 02.5	0.0
L29A	Masonberg Ranch	43.04	316	P	P	04 38 03.1	+0.1
R27A	Eads	43.17	310	P	P	04 38 03.9	-0.2
I30A	Oacoma	43.22	319	P	P	04 38 04.1	-0.2
K29A	Lazy Trails An	43.25	317	P	P	04 38 05.1	+0.5
M28A	Bar X Bar Ranc	43.35	315	P	P	04 38 05.6	0.0
T26A	Comanche Natio	43.40	308	P	P	04 38 05.7	-0.4
MNTX	Corundas Mount	43.40	300	P	P	04 38 06.4	+0.4
MNTX	Corundas Mount	43.40	300	eP	P	04 38 06.4	+0.4
S26A	Kim	43.45	309	P	P	04 38 06.5	+0.1
AGMN	Agaziz Nation	43.54	327	P	P	04 38 06.5	-0.4
AGMN	Agaziz Nation	43.54	327	eP	P	04 38 06.5	-0.4
J29A	Okree	43.55	318	P	P	04 38 07.2	+0.2
O27A	Beecher Island	43.64	313	P	P	04 38 07.9	0.0
R26A	Arlington	43.66	310	P	P	04 38 08.0	-0.1
I29A	Vivian Onida	43.83	319	P	P	04 38 09.3	+0.1
K28A	Ten Mile Ranch	43.92	317	P	P	04 38 10.0	0.0
N27A	Anderson Farm,	43.92	314	P	P	04 38 09.9	-0.2
T25A	Trinidad	44.01	308	P	P	04 38 11.2	+0.2
P26A	Davis Ranch, A	44.02	312	P	P	04 38 10.9	-0.1
H29A	Onida	44.06	320	P	P	04 38 11.2	+0.1
M27A	Reverse DX Ran	44.10	315	P	P	04 38 11.4	-0.2
E30A	Jud	44.23	323	P	P	04 38 11.9	-0.4
I28A	Midland	44.37	318	P	P	04 38 13.3	-0.3
K27A	Flueckinger Fa	44.49	316	P	P	04 38 14.2	-0.4
J27A	Elkhorn Farm,	44.58	317	P	P	04 38 15.3	0.0
H28A	Mission Ridge	44.59	319	P	P	04 38 15.2	-0.1
E29A	Napoleon	44.69	322	P	P	04 38 15.8	-0.3
G28A	Evora	44.71	320	P	P	04 38 16.8	+0.5
ULM	Lac du Bonnet	44.75	329	P	P	04 38 15.7	-0.7
ULM	comp=Z,3.9nm,0.5s,baz=141,slow=8.2,SNR=3.3			LR	LR	04 57 58.0	
I27A	Quinn	44.97	318	P	P	04 38 17.8	-0.5
ANMO	Albuquerque	45.00	304	fP	P	04 38 20.0	+1.1
SDCO	Great Sand Dun	45.02	308	P	P	04 38 19.2	+0.1
SDCO	Great Sand Dun	45.02	308	eP	P	04 38 19.0	-0.1
SDCO	comp=Z,3.2nm,0.8s			e		04 38 49.0	
H27A	Howes	45.24	319	P	P	04 38 20.5	+0.1
J26A	Sides Ranch, S	45.31	317	P	P	04 38 20.7	-0.4
L25A	Engdoretsen Ra	45.44	315	P	P	04 38 22.1	-0.1

16d 5h

2010 AUG

920

Table of astronomical observations for 16d 5h, listing station names, codes, and various parameters like time, resolution, and source ID.

Table of astronomical observations for 2010 AUG, listing station names, codes, and various parameters like time, resolution, and source ID.

Table of astronomical observations for 920, listing station names, codes, and various parameters like time, resolution, and source ID.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, KURBB Kurchatov Arr, ILAR Eielson Array, FINES FINESS Array B.

IDC 16 05:47:38.0+1.4, 12:60N-142:15E, h0km, mb3.8/4, mb1 4.0/4, mb1mx3.5/4, mbtmp3.8/4, Error ellipse: s-maj=65.6km s-min=30.9km az=96.0, South of Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, DZM Mitsuhiro Arr, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, MJAR Eielson Array, SONMG Songo Array, ILAR Eielson Array, ARCES ARCES Array B, FINES FINESS Array B, KBA Koelbreinsarr, ABTA Abfattersbach, MOTA Moosalm, FETA Feichten, DAVA Darnuts.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CNP Catarman, CNP CNP, PLP Palo, OCP Ormoc, PVCP Virac, MSLP Maasin, RUC Roxas, AUQP San Andres, GUIM Jordan, GOP Guinayangan, GOP GOP, OTRP Odiongan.

IDC 16 06:08:01.4-6.3, 7:57S-130:12E, h0km, mb4.1/1.1, mb1 4.1/3, mb1mx3.6/32, mbtmp4.0/3, ML3.9/2, Error ellipse: s-maj=104.7km s-min=70.9km az=86.0, Tainiar Islands region

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

IDC 16 06:17:12.9-54.0, 16:99S-171:93W, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.5/35, mbtmp4.0/3, Error ellipse: s-maj=104.5km s-min=174.1km az=81.0, Samoa Islands region

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

DDA 16 06:22:51.8, 35:97N-35:87E, h7km, MD3.0, ISCJB 16 06:22:52.7, 0.7, 36:00N-0:02-35:90E, 0.04, h3km, 5km, Error ellipse: s-maj=5.7km s-min=3.3km az=163.4, CSEM 16 06:22:53.8, 0.3, 36:07N-35:94E, h5km, MD3.0, Error ellipse: s-maj=6.0km s-min=3.8km az=12.0, ISK 16 06:22:54.3, 36:14N-35:93E, h10km, MD3.2, ISC 16 06:22:55.1, 0.3, 36:02N-0:02-35:93E, 0.03, h10km, 7km, n37, c0855/52, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like YAYL Yayladag, TAHT Tahtakopru-Hat, WRDH Waridheh, KRTS Karatas, YURE YUREGIR, CEYT Ceyhan, BIDA Albida, KFRA Kufra, KUZU Kuzuini, MERS Mersin, KOZT Kozan.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KOZT Kozan, HCB Kahramanmara, HAWK Haweeh, ANDN Andirin, SLMH Al Salmeh, KMRs Kahramanmaras, ROOS Il alroos, GULA Gulagac, MALT Malatya, ZALF Zaif, KELT Kelkit, KEMTA Kemaliye, KEMTA Kemaliye, EUZM Uzumlu, ERZM Erzincan, SUSE Susehri, GUME Susehri, GUMT Gumushane, CUKAN kangal_SIVAS, KOPT Kop Dag, ELZG Elazig, GRSN Giresungrn, MACK Trabzon, SCER sogukcermik, SVRC Sivrice-ELAZID, SVSK Karacayir, SVSK Karacayir, MALT Malatya, BNGB Bing'li, ECAT Cat-ERZURUM, ECAT Cat-ERZURUM, CUGUR Gurin_SVAS, AKCD Akcadag, ERBA Erbaa, ERBA Erbaa, BINGOL BINGOL, TOKA Tokat, DYBB Diyarbakir, DIYA Diyarbakir, CUSAR Sarkisla-SIVAS, DIV Diyarbakir, PINB Pinarbas, HOMI Horasan, ATAB Bozova, DBAD Bademkaya, DBAD Bademkaya, EKAR Karacabon, EKAR Karacabon, GZT Gaziantep, DBOC Borcka, DBOC Borcka, DAGI Agillar, ARTV Artvin, ARTV Artvin, KMRs Kahramanmaras, KMRs Kahramanmaras, YOZG Yozgat, MARD Mardin, ANDN Andirin, AVNT Avonos.

DDA 16 06:41:21.5, 39:72N-38:92E, h15km, ML4.3, ISK 16 06:41:21.8, 39:76N-39:00E, h8km, ML3.7, CSEM 16 06:41:22.0, 2.0, 39:74N-38:98E, h2km, ML3.7, Error ellipse: s-maj=5.4km s-min=4.5km az=146.0, ISN 16 06:41:30.3, 1.7, 39:78N-41:88E, h0km, 5km, ML4.3, ISC 16 06:41:31.5, 1.1, 39:76N-0:02-38:91E, 0.02, h1km, 10km, n119, c1974/144, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BHD Baghad, BHD Baghad, KSL Kastellorizon, IBDR Badra, NSR Nassriya, NSR Nassriya, NSR SNR=39.

ISCJB 16 07:04:38.9, 0.6, 27:07S-0:03-26:71E, 0.03, h4km, 4km, Error ellipse: s-maj=5.6km s-min=3.7km az=140.0, PRE 16 07:04:39.7, 1.0, 27:02S-26:71E, h2km, ML3.1, BUL 16 07:04:41.5, 2.3, 27:53S-27:69E, h68km, 99km, MD4.1, ISC 16 07:04:39.6, 0.8, 26:99S-0:04-26:71E, 0.03, h8km, 5km, n20, c161/40, South Africa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TLEK Tau Lekoa, MOAB Moab Khotsong, BFSD Bufelsfontein, PRYS Parys, WDLM Western Deep L, WDLM WDLM, KLOF Kloof, KLOF Kloof, KSR Koster, SWZ Schweizer, OBSV Observatory, BNON Benoni, BNON Benoni, BOSB Boshof, HVD Garipe Dam, KSD Kokstad, KSD KSD, UPI Upington, SOE Somerset East, MATP Matopo, BLWY Bulawayo, BUFB Bufelsbos, BUFB Bufelsbos, CVNA Calvinia, CVNA CVNA, KOMG Komaagass, KOMG KOMG.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AVNT Avonos, CORM Corum, CORM Corum, KOZT Kozan, KOZT Kozan, EPOS Epos, EPOS Epos, CDAG Cicekad, CDAG Cicekad, CEYH Ceyhan, CEYH Ceyhan, NIG Nigde, NIG Nigde, CHVG Ch'k'valeri, CHVG Ch'k'valeri, AKH Akhalkakali, AKH Akhalkakali, GULA Gulagac, GULA Gulagac, TAHT Tahtakopru-Hat, TAHT Tahtakopru-Hat, KAMT Kaman, SERE Serifikochisa, SERE Serifikochisa, ONI Oni, ONI Oni, SULT Sultanhani-AKS, SULT Sultanhani-AKS, MERS Mersin, MERS Mersin, AFSR Af-ar-Bala (A), AFSR Af-ar-Bala (A), MSL MSL, MSL MSL, CHBY Chibanyeli, CHBY Chibanyeli, TBGL Delisi, TBGL Delisi, DGRG David-gareji, DGRG David-gareji, HDMB Hadim, HDMB Hadim, IKRK Kirkuk, IKRK Kirkuk, RTB Rutbah, RTB Rutbah, RTB SNR=39, RTB SNR=39.

ISCJB 16 07:04:38.9, 0.6, 27:07S-0:03-26:71E, 0.03, h4km, 4km, Error ellipse: s-maj=5.6km s-min=3.7km az=140.0, PRE 16 07:04:39.7, 1.0, 27:02S-26:71E, h2km, ML3.1, BUL 16 07:04:41.5, 2.3, 27:53S-27:69E, h68km, 99km, MD4.1, ISC 16 07:04:39.6, 0.8, 26:99S-0:04-26:71E, 0.03, h8km, 5km, n20, c161/40, South Africa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TLEK Tau Lekoa, MOAB Moab Khotsong, BFSD Bufelsfontein, PRYS Parys, WDLM Western Deep L, WDLM WDLM, KLOF Kloof, KLOF Kloof, KSR Koster, SWZ Schweizer, OBSV Observatory, BNON Benoni, BNON Benoni, BOSB Boshof, HVD Garipe Dam, KSD Kokstad, KSD KSD, UPI Upington, SOE Somerset East, MATP Matopo, BLWY Bulawayo, BUFB Bufelsbos, BUFB Bufelsbos, CVNA Calvinia, CVNA CVNA, KOMG Komaagass, KOMG KOMG.

IDC 16 07:11:15.0, 0.9, 12:36N-141:78E, h0km, mb3.8/8, mb1 4.0/8, mb1mx3.8/34, mbtmp3.8/8, Error ellipse: s-maj=32.8km s-min=22.2km az=85.0, ISC 16 07:11:16.6, 1.3, 12:42N-0:2-142:3E, 0.3, h27km, n9,

16d 8h

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

ISK 16 07:23:14.4, 36.68N, 36.07E, h7km, MD2.6
ISCJB 16 07:23:15.1, 36.67N, 0.03:36.06E:0.03, h8km, gkm,
Error ellipse: s-maj=4.7km s-min=4.3km az=152.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TAHT Tahtakopru-Hat, YURE YUREGIR, CEYT Ceyhan, etc.

ISCJB 16 07:31:47.2, 0.5, 32.25N, 0.03:115.24W:0.03, h23km, 5km,
Error ellipse: s-maj=5.3km s-min=4.0km az=146.7
ECX 16 07:31:48.6, 0.6, 32.23N, 115.29W, h6km, MD2.5, ML2.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CPBX Cerro Prieto, SGL Mount Signal, EMSC East Mesa, etc.

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ISCJB 16 07:53:07.0, 0.5, 39.38N, 0.02:20.51E:0.03, h6km, gkm,
Error ellipse: s-maj=4.0km s-min=2.4km az=166.9
THE 16 07:53:07.4, 39.36N, 0.02:56E, h0km, 1km, ML3.0/1.1, Error
ellipse: s-maj=1.2km s-min=0.4km az=252.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like IGT Igoumenitsa, JAN Janina, DSI Palaion Diasel, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LTK Lutraki, VIL2 Platees, ITM Ithimi, etc.

IDC 16 07:55:10.3, 3.6, 17.79S, 167.87E, h0km, mb3.8/4,
mb1.4/0.5, mb1mx3.7/3, mb1mx3.9/5, ML3.1/1, MS3.2/2,
Wb1.3/2, ms1mx2.7/32, Error ellipse: s-maj=77.1km
s-min=31.7km az=98.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, DZM 9.1nm, 0.3s, baz=27, slow=1.6, SNR=16, etc.

IDC 16 08:05:39.6, 1.6, 28.82S, 171.89W, h0km, mb3.9/1,
mb1.3/0.4, mb1mx3.6/27, mbtmpt3.8/4, ML2.1/2, Error
ellipse: s-maj=48.0km s-min=29.6km az=74.0

ISCJB 16 08:05:41.4, 3.3, 28.8S, 0.2:72.0W:0.4, h30km, mb3.7/1,
Error ellipse: s-maj=56.0km s-min=10.0km az=156.2
ISC 16 08:05:44.3, 1.7, 28.8S, 0.1:71.9W:0.2, h30km, n12,
r19247, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CFAA Coronel Fontan, CFAA 0.8nm, 0.3s, baz=56, slow=17, SNR=5.5, etc.

ISCJB 16 08:35:38.3, 0.5, 24.65N, 0.04:122.55E:0.02, h7km, 4km,
Error ellipse: s-maj=7.1km s-min=2.6km az=14.5
JMA 16 08:35:39.0, 0.1, 24.62N, 122.54E, h26km, 2km, M2.1
TA 16 08:35:40.1, 24.66N, 122.40E, h5km, ML2.6, D
ISC 16 08:35:38.5, 1.1, 24.63N, 0.04:122.53E:0.02, h18km, 5km,
n17, r0553/34, Taiwan region

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

MEX 16:08:38.51.9.0.5, 17.30N x 100.93W, h16km, 999km, MD3.9, Guerrero
Code Station Name Az AZZ Phase ID Time Res
ZIIG Zihuatanejo 0.60 301 /P P 08 39 01.5 -2.2

IDC 16:08:41.43.1.4.0.6, 61.31S x 163.27E, h0km, mb4.3/3, mb1 4.4/4, mb1mx4.0/25, mbtmp4.2/4, ML3.3/1, MS3.8/9, Ms1 3.8/9, ms1mx3.6/27, Error ellipse: s-maj=163.6km s-min=29.6km az=7.0, Baileny Islands region

VNDA Vanda 16.30 181 Ph Pn 08 45 34.5 +1.5
VNDZ Zid 0.1nm, 0.3s, baz=354, slow=12, SNR=3.0
RPZ Rata Peaks 18.22 18 LR LR 08 52 48.6
URZ Urewera 24.63 27 LR LR 08 56 27.8

IDC 16:08:55.10.7.1.1, 12.36N x 141.82E, h0km, mb3.9/7, mb1 4.1/7, mb1mx3.7/42, mbtmp3.9/7, MS2.6/1, Ms1 2.6/1, ms1mx2.1/38, Error ellipse: s-maj=38.4km s-min=19.7km az=86.0

NEIC 16:08:55.12.2.0.7, 12.34N x 141.81E, h10km, mb4.2/1, Error ellipse: s-maj=26.1km s-min=11.5km az=83.0
ISCJB 16:08:55.13.7.1.0, 12.35N x 141.85E, h33km, mb3.9/8, MS2.5/1, Error ellipse: s-maj=36.5km s-min=16.2km az=172.7

ISC 16:08:55.15.7.1.1, 12.33N x 141.8E, h0km, mb3.9/n9, az=031/8, mb4.0/8, South of Mariana Islands

KSRS Korea Array 27.94 336 LR LR 09 09 58.9
WRAB Tennant Creek 32.88 193 eP P 09 01 46.8 -0.1
WRA Warrungarra Arr 32.90 193 P P 09 01 46.6 -0.4

ISCJB 16:09:09.07.3.0.6, 37.13N x 0.09, 135.39E, h10, h400km, mb3.7/1, Error ellipse: s-maj=13.1km s-min=8.7km az=35.0

JMA 16:09:09.08.5.0.2, 37.21N x 135.30E, h379km, M3.0
IDC 16:09:09.08.4.1.8, 37.11N x 135.34E, h389km, 18km, mb3.3/1, mb1 3.2/5, mb1mx2.8/57, mbtmp3.9/5, Error ellipse: s-maj=40.9km s-min=28.7km az=176.0

ISC 16:09:09.08.1.2, 37.11N x 135.4E, h10km, n16, az=067/18, Sea of Japan

Code Station Name Az AZZ Phase ID Time Res
JGK Kiga 1.08 137 P Pn 09 09 58.3 -1.2
JGM Miyama 1.73 142 P Pn 09 10 01.9 -0.6
JMT Wachi 1.79 180 P Pn 09 10 02.2 -0.6

IDC 16:09:23.39.5.1.4, 4.53S x 105.68E, h146km, 11km, mb3.0/4, mb1 3.2/5, mb1mx3.0/42, mbtmp3.5/5, MS2.8/1, Ms1 2.8/1, ms1mx2.4/12, Error ellipse: s-maj=114.5km s-min=21.8km az=4.0

ISCJB 16:09:23.42.0.6, 5.7S x 105.4E, h154km, 5km, mb3.2/4, Error ellipse: s-maj=28.7km s-min=7.7km az=36.2

DJA 16:09:23.43.1.0.5, 6.5S x 105.5E, h140km, 4km, M4.1/10, mb4.3/2, MLV4.0/10

ISC 16:09:23.43.3.1.0, 5.7S x 105.3E, h148km, 8km, n19, az=065/21, mb3.1/4, Sunda Strait

Code Station Name Az AZZ Phase ID Time Res
BLSI Bandar Lampung 0.35 344 P Pn 09 24 03.7 -0.1
BLSI BLSI 0.35 344 P Pn 09 24 19.4 -0.0

SISI Saibi 7.61 305 P Pn 09 25 30.4 -1.1
TGY Tagaytay City 25.04 38 LR LR 09 38 42.4
WRA Warrungarra Arr 31.51 119 P P 09 29 52.0 +0.2

ISCJB 16:09:31.40.1.0.8, 30.34N x 101.138E, h440km, mb3.1/2, Error ellipse: s-maj=23.1km s-min=12.8km az=176.5

IDC 16:09:31.41.2.1.2, 30.29N x 138.28E, h424km, 49km, mb2.8/2, mb1 2.6/6, mb1mx2.6/36, mbtmp3.6/6, Error ellipse: s-maj=88.7km s-min=24.2km az=59.0

ISC 16:09:31.41.5.1.1, 30.4N x 101.138E, h440km, n6, az=068/7, Southeast of Honshu

Code Station Name Az AZZ Phase ID Time Res
JHJ Hachioji jima 2.90 21 Op Pn 09 32 47.2 +0.3
JHJ Chichijima 4.62 15 P S 09 33 40.6 +0.5

GUC 16:09:32.59.8.0.4, 20.08S x 69.31W, h103km, 4km, ML3.9, 1C-2D, Northern Chile

Code Station Name Az AZZ Phase ID Time Res
PB01 IPOC Station P 0.97 190 /P Pn 09 33 20.7 +0.4
PB01 Minimi 0.98 344 /P Pn 09 33 21.0 +0.4

ISCJB 16:09:46.00.5.0.8, 31.21N x 105.142E, h0.2, h37km, mb4.0/3, Error ellipse: s-maj=24.8km s-min=5.1km az=166.1

JMA 16:09:46.00.4.0.1, 31.22N x 142.07E, h39km, M3.8
NIED 16:09:46.00.3.1, 20N, 142.10E, h5km, Mw4.0 Best double couple: M1.020000, 1015. N1.179.00000, 36.00000, 1.74.00000, N2.343.00000, 384.00000, 1-92.00000

IDC 16:09:46.01.0.2.2, 30.82N x 140.75E, h0km, mb3.9/3, mb1 3.8/6, mb1mx3.5/54, mbtmp3.8/6, ML3.3/3, Error ellipse: s-maj=106.6km s-min=18.4km az=74.0

ISC 16:09:46.01.4.1.1, 31.16N x 106.142E, h0.2, h37km, n16, az=184/24, mb4.0/4, Southeast of Honshu

Code Station Name Az AZZ Phase ID Time Res
JHJ Hachioji jima 2.79 315 Op Pn 09 46 41.9 -1.7
BSO1 Boso 1 3.61 345 P Pn 09 46 54.9 +0.6

ISCJB 16:09:58.10.3.0.8, 33.23S x 0.05, 70.03W, h125km, 5km, Error ellipse: s-maj=10.8km s-min=5.2km az=139.4

SJA 16:09:58.10.1.0.7, 33.26S x 69.98W, h125km, 3km, ML3.3, MW3.2

GUC 16:09:58.11.9.0.5, 33.13S x 70.11W, h117km, 3km, ML3.6
ISC 16:09:58.10.3.1.8, 33.25S x 0.07, 70.04W, h0.6, h127km, 11km, n25, az=097/64, 3C-3D, Chile-Argentina border region

Code Station Name Az AZZ Phase ID Time Res
CLCH Cerro Calan 0.44 250 /P Pn 09 58 28.9 +0.2
CLCH CLCH 0.44 250 /P Pn 09 58 41.7 -1.0

AUSP Uspallata 1.16 29 eP Pn 09 58 35.2 +0.4
AUSP ASAL 1.21 58 eP S 09 58 54.4 +1.0

ISCJB 16:09:59.30.7.0.0, 19.45S x 176.62W, h634km, Error ellipse: s-maj=2.9km s-min=2.0km az=20.0

ISCJB 16:09:59.31.5.0.6, 18.6S x 177.5W, h1, h600km, mb4.1/9, Error ellipse: s-maj=21.6km s-min=8.0km az=146.7

Code Station Name Az AZZ Phase ID Time Res
AFI Afiamalu 7.13 50 Op Pn 10 01 23.0 -0.6
AFI Afiamalu 5.7nm, 0.3s, baz=80, slow=4.0, SNR=8.6

AFI Afiamalu 4.6nm, 0.3s, baz=72, slow=2.1, SNR=5.6
AFI Afiamalu 15.56 255 P P 10 02 44.8 -0.8

AFI Afiamalu 0.7nm, 0.3s, baz=262, slow=1.3, SNR=9.8
AFI Afiamalu 20.14 193 P P 10 03 26.1 -0.8

AFI Afiamalu 6.7nm, 0.4s, baz=296, slow=1.7, SNR=9.5
AFI Afiamalu 34.31 261 P P 10 05 30.0 -0.5

AFI Afiamalu 13nm, 0.6s, baz=92, slow=1.1, SNR=22
AFI Afiamalu 35.66 242 P P 10 05 42.1 +0.5

AFI Afiamalu 1.1nm, 0.4s, baz=91, slow=3.7, SNR=5.2
AFI Afiamalu 36.21 250 P P 10 05 46.0 -0.2

AFI Afiamalu 1.3nm, 0.6s, baz=92, slow=1.1, SNR=22
AFI Afiamalu 36.21 250 P P 10 05 46.0 -0.2

AFI Afiamalu 4.6nm, 0.3s, baz=72, slow=2.1, SNR=5.6
AFI Afiamalu 36.32 265 P P 10 05 46.4 -0.7

AFI Afiamalu 0.7nm, 0.3s, baz=262, slow=1.3, SNR=9.8
AFI Afiamalu 38.10 271 P P 10 06 01.5 -0.1

AFI Afiamalu 4.6nm, 0.3s, baz=72, slow=2.1, SNR=5.6
AFI Afiamalu 39.16 242 P P 10 06 10.8 +0.8

AFI Afiamalu 4.9nm, 0.3s, baz=72, slow=2.1, SNR=5.6
AFI Afiamalu 40.49 260 P P 10 06 20.0 -0.8

AFI Afiamalu 4.6nm, 0.3s, baz=72, slow=2.1, SNR=5.6
AFI Afiamalu 41.64 240 P P 10 06 30.5 +0.2

AFI Afiamalu 4.6nm, 0.3s, baz=72, slow=2.1, SNR=5.6
AFI Afiamalu 43.93 242 P P 10 06 47.6 +0.2

AFI Afiamalu 4.6nm, 0.3s, baz=72, slow=2.1, SNR=5.6
AFI Afiamalu 45.48 260 P P 10 06 58.7 -0.8

AFI Afiamalu 8.6nm, 0.4s, baz=98, slow=6.9, SNR=36.2
AFI Afiamalu 46.24 242 P P 10 08 26.3 +0.8

AFI Afiamalu 1.1nm, 0.4s, baz=91, slow=3.7, SNR=5.2
AFI Afiamalu 47.13 259 P P 10 12 52.9 -5.9

AFI Afiamalu 1.0nm, 1.1s, baz=94, slow=13, SNR=5.2
AFI Afiamalu 45.55 255 P P 10 06 59.7 -0.3

AFI Afiamalu 0.2nm, 0.7s, baz=92, slow=1.7, SNR=5.28
AFI Afiamalu 48.53 269 P P 10 08 26.5 +0.8

AFI Afiamalu 2.2nm, 0.5s, baz=103, slow=3.6, SNR=9.5
AFI Afiamalu 48.53 269 P P 10 12 54.4 -5.3

AFI Afiamalu 2.3nm, 0.7s, baz=90, slow=15, SNR=15.5
AFI Afiamalu 49.77 269 P P 10 07 21.5 -0.9

AFI Afiamalu 4.6nm, 0.3s, baz=72, slow=2.1, SNR=5.6
AFI Afiamalu 49.77 269 P P 10 07 30.3 -1.2

AFI Afiamalu 1.9nm, 0.5s, baz=126, slow=4.5, SNR=9.8
AFI Afiamalu 50.57 253 P P 10 07 36.9 -0.4

AFI Afiamalu 1.9nm, 0.5s, baz=126, slow=4.5, SNR=9.8
AFI Afiamalu 50.57 253 P P 10 07 36.9 -0.4

AFI Afiamalu 0.2nm, 0.4s, baz=215, slow=5.6, SNR=8.7
AFI Afiamalu 50.57 253 P P 10 07 36.9 -0.4

AFI Afiamalu 1.9nm, 0.5s, baz=126, slow=4.5, SNR=9.8
AFI Afiamalu 50.57 253 P P 10 07 36.9 -0.4

AFI Afiamalu 1.9nm, 0.5s, baz=126, slow=4.5, SNR=9.8
AFI Afiamalu 50.57 253 P P 10 07 36.9 -0.4

AFI Afiamalu 1.9nm, 0.5s, baz=126, slow=4.5, SNR=9.8
AFI Afiamalu 50.57 253 P P 10 07 36.9 -0.4

AFI Afiamalu 1.9nm, 0.5s, baz=126, slow=4.5, SNR=9.8
AFI Afiamalu 50.57 253 P P 10 07 36.9 -0.4

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like ARLS Aral, MNAS Manas, UCH Uchtor, EKS2 Erkin-Say, etc.

16d 10:13:14.5±1.2, 6.88S; 150°10'E, h0km, mb3.9/4, mb1 4.2/5, mb1mx3.8/27, mbtimp4.0/5, ML2.0/1, Error ellipse: s-maj=38.0km s-min=22.8km az=135.0

16d 10:13:19.6±1.3, 7.15S; 149.9E±0.2, h34km, n6, c1966/6, mb3.9/3, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, DZM Mont Dzumac, etc.

16d 10:23:33.7±2.9, 6.93S; 150°17'E, h0km, mb3.4/2, mb1 3.8/3, mb1mx3.4/37, mbtimp3.6/3, ML1.5/1, Error ellipse: s-maj=111.6km s-min=36.7km az=127.0, New Britain region

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

ISCJB 16 10:30:10.2±0.5, 24°68'N, 0°03'122°55'E±0.02, h3km±4km, Error ellipse: s-maj=5.4km s-min=2.3km az=11.9

TAP 16 10:30:11.8, 24°66'N, 122°39'E, h4km, ML3.1, D ISC 16 10:30:10.7±1.0, 24°64'N, 0°03'122°53'E±0.02, h15km±6km, n32, c068/54, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like JYNG Yonagunijimaku, YONAGUNI jima, TWC Suao, ENA Nanau, etc.

16d 10:31:58.1±4.0, 16.53S; 174°01'W, h314km, 35km, mb2.8/3, mb1 3.1/4, mb1mx2.9/38, mbtimp3.6/4, Error ellipse: s-maj=270.6km s-min=26.1km az=141.0, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like AFI Afiamalo, WRA Warramunga Arr, ASAR Alice Springs, etc.

CSEM 16 10:37:47.8, 36°86'N, 24°19'W, h5km, ML3.2 PDA 16 10:37:47.8±1.1, 36.86N; 24.19W, h5km, MD3.9, ML3.2, Error ellipse: s-maj=9.9km s-min=2.7km az=84.0, Azores Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like PSMN Pico do Norte, ROSA Rosais, ROSA Rosais, etc.

BART Pico Bartolome 1.21 320 eP Sg 10 38 06.8 -4.3 BART Pico Bartolome 1.21 320 eP Sg 10 38 20.5 -6.4

BART Pico Bartolome 1.21 320 eP Sg 10 38 06.8 -4.3 BART Pico Bartolome 1.21 320 eP Sg 10 38 20.5 -6.4

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like PSET Sete Cidades, ROSA Rosais, ROSA Rosais, etc.

SKHL 16 10:38:47.8±0.3, 46°86'N, 154°38'E, h42km±4km, mb4.4/2 16d 10:38:47.5±0.8, 47°06'N, 154°03'E, h0km, mb3.7/9, mb1 3.9/11, mb1mx3.7/49, mbtimp3.7/11, ML2.9/2, MS3.0/4, MS1 3.0/4, ms1mx2.6/41, Error ellipse: s-maj=28.9km

s-min=17.8km az=138.0 ISCJB 16 10:38:49.8±0.7, 47°21'N, 0°09'153°9'E±0.1, h27km, mb3.8/10, MS3.1/3, Error ellipse: s-maj=18.4km s-min=4.8km az=42.4

MOS 16 10:38:51.1±1.4, 47°20'N, 153°92'E, h39km, mb4.2/4, Error ellipse: s-maj=25.8km s-min=7.6km az=70.3 KRSC 16 10:39:04.3±1.4, 47°22'N, 156°27'E, h99km±36km, ML4.1 ISC 16 10:38:51.7±0.8, 47°22'N, 0°1'154°0'E±0.1, h27km, n49, c1953/44, mb3.8/10, MS3.3/3, TC, Kuril Islands

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

ISCJB 16 10:49:39.9±0.6, 6.88N; 0°08'72°99'W±0.08, h166km, mb3.4/3, Error ellipse: s-maj=14.5km s-min=6.6km az=42.6 FUNV 16 10:49:43.7, 6°90'N; 72°97'W, h146km, MW3.8 16d 10:49:43.2±2.1, 6.52N; 73°39'W, h188km, 17km, mb3.0/3, mb1 3.4/4, mb1mx3.0/24, mbtimp3.7/4, Error ellipse: s-maj=38.7km s-min=19.7km az=65.0 ISC 16 10:49:40.6±0.8, 6.87N; 0°07'73°00'W±0.08, h166km, n20, c1979/25, mb3.4/3, 2D, Northern Colombia

16D 12h

SZGRF 16 12:54:33.0,37:33N,14:82E,h10km,mb3.4, Sicily, Italy
IDC 16 12:54:45.9,0.38:46N,15:03E,h0km,mb4.1/21,
mb1.4/2/32,mb1mx4.1/59,mbmp4.1/32,ML3.9/11,
MS3.7/29,Ms1.3.7/29,ms1mx3.6/40, Error ellipse:
s-maj=13.0km s-min=12.0km az=55.0
BUI 16 12:54:45.6,38:30N,15:00E,h10km,mb4.8/1,
NEIC 16 12:54:46.0,38:42N,14:92E,h19km,mb4.5/16,
ML4.5(ROM),After ROM.
MOS 16 12:54:46.1,1.2,38:42N,14:98E,h13km,mb4.7/13, Error
ellipse: s-maj=6.4km s-min=3.7km az=76.1
ISCJB 16 12:54:47.0,0.2,38:41N,0.01:15:01E,0.1,h22km,2km,
mb4.3/45,MS3.7/23, Error ellipse: s-maj=2.4km
s-min=1.9km az=12.9
CRAAG 16 12:54:47.0,0.2,38:41N,0.01:15:01E,0.1,h22km,2km,
LDG 16 12:54:47.6,0.1,38:39N,14:98E,h25km,ML3.9/6, Error
ellipse: s-maj=1.6km s-min=1.2km az=37.0
PDG 16 12:54:47.3,0.5,38:42N,14:98E,h16km,1km,ML4.4/9,
Error ellipse: s-maj=0.7km s-min=0.7km az=0.0
ROM 16 12:54:47.0,0.1,38:41N,14:92E,h17km,1km,ML4.2/41,
Error ellipse: s-maj=1.4km s-min=1.3km az=57.0
CSEM 16 12:54:48.3,0.1,38:38N,14:93E,h20km,mb4.5/25,Ms3.4,
Error ellipse: s-maj=2.5km s-min=2.1km az=4.0
THE 16 12:54:51.4,38:48N,15:21E,h20km,20km,ML4.3/8, Error
ellipse: s-maj=2.4km s-min=1.6km az=259.0
ISC 16 12:54:47.9,0.5,38:38N,0.02:14:98E,0.01,h14.3km,3km,
m645,r11/668,mb4.5/45,MS3.8/23,63C-6BD,Sicily

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like LLI Lipari, IFIL Filicudi I Eol, NOV Novara, etc.

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Main table with columns: CDUR, Civita di Rota, SGO Sicignano, MRLC Muro Lucano, ACER Acerenza, WDD Wield Dalam, WDL Wield Dalam, SWD Wield Dalam, SNAL S. Angelo Dei, VULT Monte Vulture, MATE Matera, LTRZ Laterza, CAFÉ Carife, PALZ Palazzo San Ge, SGTA Sant Agata di, AMUR Altamura, MRVN Minervino Murg, PSB1 Pescosannita, CDT Castel del Mon, NOCI Noci, PTRJ Pietraroja, SGG Gregorio Mates, SGG Gregorio Mates, BAI Bari, AQU L'Aquila, AQU L'Aquila, SGD Saggiada, IGT Igoumenitsa, IGT Igoumenitsa, IGT Igoumenitsa, IGT Igoumenitsa, VLS Valsamata, VLS Valsamata, VLS Valsamata, VLS Valsamata, VLS Valsamata, LK2 Lefkada island, LK2 Lefkada island, LK2 Lefkada island, VSL Villasalto, VSL Villasalto, KFL Anninata, KFL Anninata, JAN Janina, JAN Janina, JAN Janina, JAN Janina, JAN Janina, TIR Tirane, DSL Palaion Diasel, DSL Palaion Diasel, DSL Palaion Diasel, ULC Ulcinj, ULC Ulcinj, ULC Ulcinj, HCY Herceg Novi, HCY Herceg Novi, PDO Prodromos, PDO Prodromos, PDO Prodromos, PDO Prodromos, SFD Strofades, BUM Brajci-Budva, BUM Brajci-Budva, DRME Dracevica, Mon, DRME Dracevica, Mon, RLS Riolos of Patr, RLS Riolos of Patr, RLS Riolos of Patr, NEST Nestorio, NEST Nestorio, PDG Podgorica, PDG Podgorica, TGT Podgorica, TGT Podgorica, KEST Kesra, KEST Kesra

2.0mm, Z.0.3s, baz=0.4, slow=22, SNR=4.8

Table with columns: KEST, Ohrid, OHR Ohrid, BRY Bratogost, DRO Drossia, DRO Drossia, NKME Niksic, NKME Niksic, EVR Evrytania, AMT Artemida-Makis, AMT Artemida-Makis, EFP Efpalio, EFP Efpalio, FNA Florina, FNA Florina, LAKA Lakka, LAKA Lakka, PYL PYLOS, TRIZ Trizonia, TRIZ Trizonia, KZN Kozani, KZN Kozani, KZN Kozani, THL Klokotos Trika, THL Klokotos Trika, KALE Kalithea, KALE Kalithea, KALE Kalithea, ITM Ithomi, ITM Ithomi, ITM Ithomi, ITM Ithomi, MAKR Makrakomi, Fth, MAKR Makrakomi, Fth, MAKR Makrakomi, Fth, MAKR Makrakomi, Fth, KLV Kalavryta, Ach, KLV Kalavryta, Ach, UPM Unac-Piva, UPM Unac-Piva, UPM Unac-Piva, PVV Plav, PVV Plav, PVV Plav, AGG Agios Georgios, AGG Agios Georgios, AGG Agios Georgios, AGG Agios Georgios, AGG Agios Georgios, GUR Goura, GUR Goura, BEY Berane, BEY Berane, IVA Berane, IVA Berane, DSF Desfina, DSF Desfina, DSF Desfina, DSF Desfina, DSF Desfina, VLE Vlachokerasia, VLE Vlachokerasia, PLE Pljevlja, PLE Pljevlja, AXAR Agios Charalam, AXAR Agios Charalam, AXAR Agios Charalam, THAL Thalerio, THAL Thalerio, LIT Litokhoron, LIT Litokhoron, LIT Litokhoron, LIT Litokhoron, PGF Pioggioia, PGF Pioggioia, CMAH Djebel Manchou, CMAH Djebel Manchou, LKR Lokris, LKR Lokris, LKR Lokris, LKR Lokris, LOUT Loutraki, LOUT Loutraki, ABSA Djebel Ababsia, ABSA Djebel Ababsia, SMIA Simia, SMIA Simia, SMIA Simia, SMIA Simia, NEO Neokhori, NEO Neokhori, VIL2 Platees, VIL2 Platees, VLI Veliai, VLI Veliai, VLI Veliai, VLI Veliai, VAY Valandovo, VAY Valandovo, KRND KRANIDJ, KRND KRANIDJ, VILL Villia, VILL Villia, VILL Villia, DIDY Didyma, DIDY Didyma, DID Didimitri, DID Didimitri, HORT Hortiatis, HORT Hortiatis, HORT Hortiatis, KNT Kendrikon, KNT Kendrikon, NAG Nisai Agina, NAG Nisai Agina, KYTH Kithira, KYTH Kithira, MKTA Markates, MKTA Markates

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Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like R11A Troy Canyon, BGU Big Grassy Mtn, H19A Powell, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like S34A Willow Spring, W31A Holland Ranch, R35A Emporia Municip, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PKI Pulchoki, PKIN Phulchoki, GKN comp=Z,33nm,0.4s, etc.

B/J 16:04:32.0, 22:59N: 109:33E, h6km, ML3.8/7
ISCJB 16:04:33.3, 1.1, 22:54N:0.07:109:00E:0.06, h10km, Error ellipse: s-maj=10.1km s-min=7.2km az=156.4

PLV 16:04:34.5, 1.8, 22:55N:109:04E, h16km, gkm, ML4.0
ISC 16:04:33.8, 0.9, 22:55N:104:10E:0.04:h10km, n13, c-160:30, Southeastern China

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res. Includes stations like CBVB Cao Bang, MTZV Met, PHU-Lien, etc.

DDA 16:12:09.7, 37:04N:27:63E, h7km, MD3.0
ATH 16:12:10.7, 37:00N:27:52E, h43km, 2km, MD2.9/4
CISE 16:12:10.4, 37:08N:27:64E, h9km, MD2.8
ISCJB 16:12:10.7, 0.4, 37:06N:02:27:60E:0.03, h11km, 3km, Error ellipse: s-maj=4.0km s-min=3.4km az=18.2

CSEM 16:12:10.7, 0.1, 37:06N:27:62E, h12km, MD3.0, Error ellipse: s-maj=3.2km s-min=2.7km az=112.0
THE 16:12:12.0, 37:03N:27:60E, h16km, 1km, ML2.9, Error ellipse: s-maj=1.5km s-min=0.5km az=236.0

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res. Includes stations like BDRM Kayabasi, BDRM Tabor, BDRM Kayabasi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KSMJM Jumunjin, KSJMJ Jumunjin, KSDGY Daegwallyong, etc.

IDC 16 17:02:11.6:0.5, 17:41S:167:69E, h0km, mb4.2/12, mb1.4/4.13, mb1mx4.4/2.0, mbtmp4.3/13, ML4.1/1, MS4.0/8, Ms1.4/0.8, ms1mx3.6/3.1, Error ellipse: s-maj=25.2km s-min=18.3km az=110.0

ISCJB 16 17:02:13.6:0.6, 17:40S:0:07:167:81E:0:09, h27km, mb4.5/20, MS3.9/5, Error ellipse: s-maj=13.0km s-min=9.6km az=14.8

NEIC 16 17:02:16.4:0.5, 17:48S:167:80E, h35km, mb4.8/9, Error ellipse: s-maj=12.4km s-min=10.1km az=105.0

AUST 16 17:02:23.1:77.0, 17:50S:167:93E, h101km, mb2.7km, Error ellipse: s-maj=13.4km s-min=12.7km az=252.0

ISC 16 17:02:15.4:0.6, 17:45S:0:11:167:9E:0:11, h27km, n56, +091/48, mb4.7/19, MS4.0/5, 2C, Vanuatu Islands

Main table listing various stations and their coordinates, including DZM Mont Dzumac, DZM, HNR Honiara, EIDS Eidsvold, RAO Raoul Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like URZ Urewera, CTA Charters Tower, STKA Stephens Creek, etc.

ISCJB 16 17:16:21.0:0.4, 20:44S:0:03:68:60W:0:06, h114km, 5km, mb4.2/18, Error ellipse: s-maj=10.0km s-min=5.6km az=173.2

GUC 16 17:16:22.6:0.5, 20:51S:69:07W, h126km, 4km, ML4.8

IDC 16 17:16:22.8:0.5, 20:43S:68:59W, h116km, 4km, mb3.9/12, mb1.4/1.15, mb1mx3.9/2.2, mbtmp4.4/15, Error ellipse: s-maj=15.5km s-min=7.7km az=97.0

NEIC 16 17:16:23.2:0.3, 20:34S:68:53W, mb4.1/7, Error ellipse: s-maj=8.2km s-min=6.8km az=79.0

ISC 16 17:16:22.8:0.5, 20:40S:0:04:68:67W:0:08, h118km, 4km, n45, +194/55, mb4.2/18, Chile-Bolivia border region

Main table listing various stations and their coordinates, including PB11 IPOC Station P, PB09 IPOC Station P, MACH Maria Elena, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DURS Dursunbey, DEMI Demirci, AKHS Akhisar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SKHL 16 17:19:46.2:0.3, 51:91N:137:35E, h10km, mb3.5/2, GRNR Gornyy, etc.

IDC 16 17:20:08.8:0.6, 17:43S:167:85E, h0km, mb4.5/20, mb1.4/7.22, mb1mx4.3/2.5, mbtmp4.6/22, ML4.4/2, MS4.3/23, Ms1.4/3.23, ms1mx4.3/2.5, Error ellipse: s-maj=18.2km s-min=14.7km az=86.0

ISCJB 16 17:20:09.2:0.3, 17:44S:0:04:167:87E:0:05, h10km, mb5.0/65, MS4.3/22, Error ellipse: s-maj=6.8km s-min=5.5km az=178.6

BUI 16 17:20:10.0, 17:40S:167:80E, h5km, mb4.8/50, mb5.3/43, MS5.0/42, Ms7.4/6/41

NEIC 16 17:20:11.8:0.7, 17:44S:167:88E, h16km, 4km, mb5.2/38, Error ellipse: s-maj=7.6km s-min=6.8km az=83.0

NEIC Fell at Port-Vila, GCMT 16 17:20:11.8:0.2, 17:47S:167:85E, h17km, 1km, MW5.2/81, Moment tensor solution: m1, c88; s81, c128; Duration: 1s0; Moment tensor: Scale 10^17Nm; Mw=0.24; Ms=0.74; M0=0.74; M0-0.49; M0-1.1; M0-0.21; M0-0.36; M0-0.36; Best double couple: Mo:78500x10^17 NP1:0.41, 0.0000; s74.0000; -i, -14.0000; NP2: 0.301, 0.0000; s89.0000; -i, -19.0000; Principal axes: T 0.8660, P1g10.0000; Azm16.0000; N -0.0430, P1g54.0000; Azm64.0000; P -0.7630, P1g34.0000; Azm265.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

MOS 16 17:20:15.0:1.0, 17:37S:167:67E, h50km, mb5.3/14, MS4.3/5, Error ellipse: s-maj=10.9km s-min=8.8km az=130.5

AUST 16 17:20:30.0:2.6, 17:65S:167:26E, h144km, 17km, Error ellipse: s-maj=19.0km s-min=7.1km az=76.0

ISC 16 17:20:11.6:0.4, 17:50S:0:05:167:90E:0:07, h16km, 1km, n191, +194/228, mb5.1/63, MS4.4/22, 14C-19d, Vanuatu Islands

Main table listing various stations and their coordinates, including BAYA Yate Dam, DZM Mont Dzumac, MSVF Nonsavu, etc.

16d 17h

Table with columns: Call sign, Frequency, Mode, Power, and other technical details. Includes stations like WMQ, LOHW, TXAR, MKAR, ZALV, AKASG, BRTR, GERES, etc.

NSSP 16 17:42:36.8, 41.87N:45.93E, h5km, Ms3.9
IDC 16 17:42:38.1, 0.6, 41.75N:46.20E, h0km, mb3.7/1.1,
mb1 3.8/1.7, mb1mx3.7/3.0, mbmp3.7/1.7, ML3.4/6, MS3.5/4,
Ms1 3.5/4, ms1mx2.8/3.7, Error ellipse: s-maj=10.6km
s-min=7.9km az=139.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and other technical details. Includes stations like ZKTA, DGRG, BTLR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and other technical details. Includes stations like QZX, OZX, TBGL, etc.

2010 AUG

Main table with columns: Call sign, Frequency, Mode, Power, and other technical details. Includes stations like KZR, DLMR, DBC, DBC, AKT, AKT, AKT, etc.

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Table with columns: Call sign, Frequency, Mode, Power, and other technical details. Includes stations like PRTR, PRTR, PRTR, SIZA, SIZA, SIZA, etc.

Table with columns: MKAR, HFS, ZALV, NOA, SONM, BOD, TORO, CMAR, SEY, KSRs, SCHO, ILAR. Includes station names, coordinates, and various parameters like SNR, delay, and error rates.

IDC 16 17:48:26.5+1.2, 5.72S; 102.50E, h0km, mb3.9/12, mb1 3.9/13, mb1mx3.8/35, mbtmp3.9/13, ML4.0/1, Error ellipse: s-maj=45.0km s-min=15.1km az=50.1, Error ellipse: s-maj=10.6km s-min=6.2km az=138.7

DJA 16 17:48:30.5+1.2, 6.3S; 101.3E, h22km, 15km, M4.1/6, ML4.1/6

ISC 16 17:48:32.2+1.1, 5.80S; 102.49E; 0.09, h44km, 18km, n40, c0589/40, mb4.0/12, Southern Sumatara

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like MNAI, LWLI, KASI, MDSI, KSI, LHSI, BLSI, CBJI, SGJ, PPST, TNG, SKJI, CBUJ, SDBI, PNBI, CISI, CMAR, H08S2, H08S3, H08S1, H01W2, H01W3, H01W1, WRA, ASAR, STKA, KSRs, SONM, MKAR, USRB, KURB, GEYT, ZALV, BVAR, TXAR.

GUC 16 17:50:01.5+0.7, 34.29S; 73.27W, h43km, 4km, ML3.8, Off coast of central Chile

Table for GUC 16 17:50:01.5+0.7, 34.29S; 73.27W, h43km, 4km, ML3.8, Off coast of central Chile. Lists stations like U65B, LNV, U73B, U69B, TALC, NICH, LNCH, ANTU.

MEX 16 17:52:22.6+0.4, 16.17N; 98.30W, h10km, MD3.7, Near coast of Guerrero

Table for MEX 16 17:52:22.6+0.4, 16.17N; 98.30W, h10km, MD3.7, Near coast of Guerrero. Lists station PNIG.

Table with columns: PNIG, TLIG, VHO, CAIG, MEIG, MEIG. Lists stations and their coordinates.

GUC 16 18:14:40.6+0.4, 33.67S; 72.04W, h7km, 1km, ML3.8, 5C-1D, Off coast of central Chile

Main station list table for GUC 16 18:14:40.6+0.4, 33.67S; 72.04W, h7km, 1km, ML3.8, 5C-1D, Off coast of central Chile. Lists stations like U73B, LNV, U69B, RCDM, SAN, ANTU, CHCH, PEL, PCH, CLCH, U65B.

ISCJBJ 16 18:31:37.5+0.9, 42.41N; 0.047E; 0.06, h4km, 6km, Error ellipse: s-maj=7.2km s-min=5.9km az=158.2

NNC 16 18:31:38.2+1.7, 42.40N; 76.28E, h10km, 14km, mb2.7, mp2.1, Error ellipse: s-maj=19.4km s-min=5.8km az=7.0

KRNET 16 18:31:39.3+0.1, 42.36N; 76.26E, h14km, 6km, Error ellipse: s-maj=10.6km s-min=6.2km az=138.7

ISC 16 18:31:38.7+1.0, 42.38N; 0.047E; 0.04, h14km, 7km, n14, c0549/24, 18C-5D, Lake Issyk-Kul region

Main station list table for ISCJBJ 16 18:31:37.5+0.9, 42.41N; 0.047E; 0.06, h4km, 6km. Lists stations like ULHL, TKM2, TKM2, KZA, KZN, NRN, KBK, CHMS, AAK, EKS, EKS2, AML, PDGK, MNAS, KK31.

SJA 16 18:37:48.6+0.5, 33.19S; 73.04W, h15km, ML4.2, MW4.2

NEIC 16 18:37:52.3+1.0, 33.62S; 72.04W, h24km, 25km, mb4.4/3, ML4.2(GUC), Error ellipse: s-maj=19.4km s-min=9.3km az=93.0

NEIC F01(I) at Rancagua and Valparaiso. ISCJBJ 16 18:37:58.1+1.0, 33.65S; 0.047E; 0.08, h42km, 9km, mb4.2(GUC), MS3.8/1, Error ellipse: s-maj=11.8km s-min=7.0km az=7.2

GUC 16 18:37:58.4+0.4, 33.59S; 71.89W, h11km, 2km, ML4.2

IDC 16 18:38:01.1+3.5, 33.57S; 71.94W, h53km, 30km, mb3.8/9, mb1 4.0/12, mb1mx3.8/20, mbtmp4.1/12, ML3.5/3, MS3.8/3, Ms1 3.8/3, ms1mx3.3/17, Error ellipse: s-maj=30.6km s-min=17.9km az=86.0

ISC 16 18:37:58.4+1.6, 33.63S; 0.047E; 0.08, h31km, 10km, n55, c1946/56, mb4.3/10, 2C-2D, Near coast of central Chile

Main station list table for ISC 16 18:37:58.4+1.6, 33.63S; 0.047E; 0.08, h31km, 10km. Lists stations like U73B, LNV, U69B, SAN, PEL, LACH, U65B, AUSP, ARCO.

Main station list table for 16d 18h. Lists stations like AAGR, ASAL, RTLS, RSTC, SJA, RTLL, CFAA, AMOG, ACAN, AVFE, ACHE, MRA, VCA, ACLC, TCA, CYA, FSA, TRQA, LVC, CPUB, CPUP, CPUP, LPAZ, SIV, SAML, BDFB, SNA, SNA, QSPA, TXAR, MWT, MAW, DBIC, LBT, NVAR, TORO, ASAR, WRA, H1S2, H1S1, H1S3, BRVK, ZALV, ZALV, MKAR.

ATH 16 18:41:57.7, 40.02N; 24.29E, h32km, 1km, MD3.5/43

ISCJBJ 16 18:41:58.4+0.3, 40.00N; 0.0224; 30E; 0.02, h25km, 3km, Error ellipse: s-maj=3.0km s-min=2.6km az=45.0

THE 16 18:41:58.7, 40.00N; 24.29E, h20km, 1km, ML2.7/12, Error ellipse: s-maj=1.3km s-min=0.6km az=260.0

CSEM 16 18:41:58.4+0.1, 40.00N; 24.31E, h20km, MD3.5, Error ellipse: s-maj=2.6km s-min=2.2km az=119.0

SOF 16 18:41:58.3, 40.16N; 24.29E, h5km, MD2.7

ISC 16 18:41:58.2+1.0, 40.00N; 0.0224; 31E; 0.02, h18km, 9km, n124, c0950/180, Aegean Sea

Main station list table for 16d 18h. Lists stations like OUR, OUR, OUR, OUR, OUR, PAIG, PAIG, PAIG, PAIG, LIA, LIA, LIA, LIA, PLG, PLG, PLG, AOS, AOS, AOS, AOS, KAVA, KAVA, KAVA, SMTH, SMTH, SMTH, SMTH, SMTH, XOR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists various astronomical observations with codes like XOR, NEOKHORI, SOH, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists various astronomical observations with codes like SAUI, BNDI, MSAL, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists various astronomical observations with codes like AS31, ASAR, ASAR, etc.

PRU 16 18:56:16.6, 50.41N:18.87E, h0km, 1C, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists observations for PRU 16 18:56:16.6, 50.41N:18.87E.

BUI 16 18:56:03.1, 8.01S: 129.20E, h143km, mb5.4/68, mB4.9/36
MOS 16 18:56:05.7, 0.9, 7.28S: 128.58E, h106km, mb5.3/34, Error ellipse: s-maj=11.0km s-min=5.7km az=108.9
KLM 16 18:56:11.9, 7.69S: 128.77E, h157km, mb5.4, MS6.1
AUST 16 18:56:11.9, 0.7, 7.48S: 128.56E, h153km, 7km, Error ellipse: s-maj=8.6km s-min=5.0km az=55.0
GCMT 16 18:56:12.8, 0.3, 7.49S: 128.63E, h165km, 3km, MW5.0/63, Moment Tensor Solution, s20, c22, s63, c98; Duration: 0 Moment tensor: Scale 10^19Nm; Mir1, 19e, 18; Mm0: 0.48z=21; Mm1: 0.67z=20; Mm3: 5.5z=12; Mm0: 7.7z=18; Mm1: 2.2z=14; Best double couple, M4, 531, 00x10^16
NF13=128.00000, 383.00000, 17.00000; NF2=
phi=13.00000, delta=18.00000, lambda=155.00000. Principal axes: T

4.6410, Plg50.0000, Azm18.0000; N -0.2190, Plg16.0000, Azm128.0000; P -4.4210, Plg36.0000, Azm230.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
NEIC 16 18:56:12.8, 0.6, 7.38S: 128.58E, h161km, 5km, mb5.0/45
Error ellipse: s-maj=5.3km s-min=4.2km az=65.0
ISCBJ 16 18:56:12.4, 0.3, 7.45S: 128.62E, h173km, 3km, mb5.0/109, Error ellipse: s-maj=3.5km s-min=3.2km az=162.6
DJA 16 18:56:13.5, 0.2, 8.2S: 129.9E, h153km, 3km, M5.0/73, mb5.3/73, mB5.5/48, MLV5.5/2, Mw(mB)4.9/48, Mw(p)4.2
IDC 16 18:56:13.1, 0.9, 7.33S: 128.54E, h162km, 7km, mb4.7/33, mb1.4/7.39, mb1mx4.6/42, mbtmp5.2/39, MS3.5/8, Ms1 3.5, 8, s1mx3.6/36, Error ellipse: s-maj=9.3km s-min=6.6km az=73.0
ISC 16 18:56:11.4, 0.3, 7.42S: 128.62E, h148km, 1km, h147km, p-P, n499, c1942/542, mb5.0/121, 43C-33D, Banda Sea

AS31 Alice Springs 16.93 163 eP Pn 19 00 00.2 +0.5
ASAR Alice Springs 16.93 163 P Pn 19 00 00.7 +0.9
ASAR comp=Z, 3.6nm, 0.3s, baz=338, slow=10.0, SNR=2218 19 02 52.6 -1.6
NGJI Ngawi 17.01 269 P Pn 19 00 02.2 +1.5
SDKM Sandakan 17.27 318 P Pn 19 00 07.4 +3.6
PBKI Pangkajene 17.51 285 P Pn 19 00 08.2 +1.5
WRKA Warukana 17.52 181 P Pn 19 00 05.6 -0.1
WOJI Wotobo, Jawa 17.54 267 P Pn 19 00 05.6 -0.3
MSLP Maasin 17.84 348 eP Pn 19 00 10.9 +0.4
UGM Wanagama 17.94 267 P Pn 19 00 08.0 -2.4
KKM Kota Kinabalu 18.22 317 P Pn 19 00 16.1 +0.9
KKM Kota Kinabalu 18.22 317 P Pn 19 00 16.6 +1.4
KKM Kota Kinabalu 18.22 317 eP Pn 19 00 16.0 +0.9
PMG Port Moresby 18.45 97 P Pn 19 00 17.1 +0.2
PMG comp=Z, 2.6nm, 0.3s, baz=276, slow=7.1, SNR=12 19 03 37.0 -2.0
MTSU Mount Surprise 18.63 126 P Pn 19 00 20.1 +0.1
STKI Sintang 18.64 293 P Pn 19 00 20.0 -0.2
BTM Bintulu 18.75 304 P Pn 19 00 23.2 +1.8
OCLP Orong 18.78 348 eP Pn 19 00 20.5 -0.7
SBUM Sibutu 19.07 300 P Pn 19 00 26.1 +1.0
MANU Manus Island 19.43 75 P Pn 19 00 29.1 -0.2
RCP Roxas 19.74 343 eP Pn 19 00 35.7 +2.8
CNP Cartman 20.19 349 eP Pn 19 00 35.0 +0.4
KSM Kuching 20.29 295 eP Pn 19 00 36.2 +0.4
GIRL Giribatu 20.51 221 P Pn 19 00 39.2 +1.1
CISI Cisompot, Garu 20.62 268 P Pn 19 00 39.4 0.0
CISI Cisompot, Garu 20.62 268 P Pn 19 00 36.8 -2.7
CISI Cisompot, Garu 20.62 268 eP Pn 19 00 35.4 -4.0
LEM Lembang 20.84 270 P Pn 19 00 42.2 +0.3
LEM Lembang 20.84 270 P Pn 19 00 40.9 -1.0
LEM Lembang 20.84 270 LR 19 09 26.5
LEM Lembang 20.84 270 P Pn 19 00 42.0 0.0
CTA Charters Tower 21.23 128 P Pn 19 00 47.9 +2.0
CTA comp=Z, 1.4nm, 0.9s, baz=314, slow=13, SNR=12 19 04 36.1 +2.6
CTAO Charters Tower 21.23 128 eP Pn 19 00 46.8 +0.9
CTAO comp=Z, 4.3nm, 1.1s 19 00 46.8 +0.9
PVCV Virac 21.34 348 eP Pn 19 00 48.4 +1.4
MEEK Meekatharra 21.35 205 P Pn 19 00 46.6 -0.4
TPI Tanjungpandan 21.38 281 P Pn 19 00 47.7 +0.2
AUQP San Andres 21.44 344 eP Pn 19 00 52.0 +4.0
SKJI Sukabumi 21.89 270 P Pn 19 00 53.1 +0.2
TGY Tagaytay City 22.70 340 P Pn 19 01 01.7 +0.9
CGJI Cibinong 22.75 271 P Pn 19 00 58.8 -2.6
FORT Forrest 23.26 181 P Pn 19 01 06.1 -0.5
FORT Forrest 23.25 181 eP Pn 19 01 05.5 -0.2
BALP Baier 24.05 343 eP Pn 19 01 17.3 +3.2
PMBP Palembang 24.16 279 P Pn 19 01 12.0 -0.0
QLP Quilpie 24.16 144 P Pn 19 01 14.6 +0.6
MDSI Maura Dua 24.48 275 P Pn 19 01 20.5 +3.5
MORSI Morawa 24.58 207 P Pn 19 01 17.7 -0.1
KMBL Kambalda 24.64 194 P Pn 19 01 18.6 +0.3
BCPH Bago City Da Lahat 25.22 277 P Pn 19 01 20.7 -0.8
LPHI Tanjung Pinang 25.22 288 P Pn 19 01 30.4 +6.6
BLDU Ballidu 25.63 204 P Pn 19 01 27.1 -0.2
KLBR Kellerberrin 26.10 201 P Pn 19 01 31.7 +0.2
BBOO Buckleboo 26.19 166 P Pn 19 01 33.0 +0.7
BBOO Buckleboo 26.19 166 eP Pn 19 01 32.6 +0.3
MYKOM Kota Tinggi 26.35 289 P Pn 19 01 35.5 +1.5
GUMO Guam 26.38 38 LR 19 11 00.7
KGM Kluang 26.92 289 P Pn 19 01 39.9 +0.7
RMKO Roma 26.95 137 P Pn 19 01 41.8 -2.5
STKA Stephens Creek 27.18 155 P Pn 19 01 42.0 +0.9
STKA comp=Z, 6.4nm, 0.6s, baz=328, slow=8.8, SNR=159 19 14 24.6
STKA comp=Z, 2.13nm, 0.21s, baz=328, slow=40 19 01 41.7 +0.5
STKA Stephens Creek 27.18 155 P Pn 19 01 29.1 -5.4
STKA comp=Z, 2.1nm, 0.9s 19 01 42.0 +0.9
STKA Stephens Creek 27.18 155 P Pn 19 01 41.7 +0.5
STKA comp=Z, 3.2nm, 0.9s 19 01 41.7 +0.5
NWAO Narragin (SRO) 27.49 201 P Pn 19 01 44.2 +0.3
HTT Hallett 27.59 161 P Pn 19 01 45.7 +0.8
EIDS Eidsvold 27.90 132 eP Pn 19 01 49.0 +1.3
CMSA Cobar Meteorol 28.81 149 P Pn 19 01 56.9 +1.2
RKGY Rocky Gully 29.11 200 P Pn 19 02 00.1 +1.8
IPM Ipo 29.96 292 eP Pn 19 02 05.6 -0.5
MNSI Mandailing Nat 29.09 285 P Pn 19 02 07.8 +0.6
KULM Kulm 30.63 294 eP Pn 19 02 10.8 -1.1
PSI Prapat 31.32 288 P Pn 19 02 16.4 -1.7
PSI comp=Z, 1.7nm, 0.7s, baz=94, slow=7.0, SNR=17 19 16 41.6
PSI comp=Z, 1.55nm, 18.3s, baz=134, slow=38 19 02 16.8 -1.3
PSI Prapat 31.32 288 P Pn 19 02 16.8 -1.3
ARMA Armidale 31.45 140 P Pn 19 02 21.8 +2.7
TPUB Ta-pu 31.52 346 eP Pn 19 02 17.4 -2.2
ARPS Mount Arapiles 31.61 159 P Pn 19 02 22.0 +1.0
SSLB Suanglung 31.91 347 eP Pn 19 02 20.0 -3.7
QIZ Qiongzong 32.14 325 P Pn 19 02 29.9 +4.7
QIZ 32.14 325 P Pn 19 02 56.9 +0.3
QIZ 32.14 325 P Pn 19 03 13.0 +0.5
QIZ 32.14 325 PMZ 19 07 34.8 +7.8
YOJ Yonaguni Jim 32.16 350 eP Pn 19 02 24.3 -0.9
YOJ comp=Z, 4.9nm, 0.8s 19 02 24.2 -0.9
YOJ Yonaguni Jim 32.16 350 eP Pn 19 02 24.2 -0.9
YOJ comp=Z, 4.9nm, 0.8s 19 02 25.8 +0.4
YNG Young 32.38 148 P Pn 19 02 28.7 +1.6
TRTT Trang 32.58 297 P Pn 19 02 29.6 +0.6

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like KSH, MK02, MK31, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like BMRM, SNA4, SNA5, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like Z30A, R32A, 429A, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes GUM A Gualdo di Mace.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes AFI Afiamalu.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes RPZ Rata Peaks.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes U73B San Pedro.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes AFI Afiamalu.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes RPZ Rata Peaks.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes STKA Stephens Creek.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes AFI Afiamalu.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes RPZ Rata Peaks.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes WRA Warramunga Arr.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes AFI Afiamalu.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes RPZ Rata Peaks.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes WRA Warramunga Arr.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes AFI Afiamalu.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes RPZ Rata Peaks.

AUST 19:35:47.0.0.20:58S:178:71W, h572km, 7km, Error ellipse: s-maj=8.3km s-min=4.8km az=130.0

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes AFI Afiamalu.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes RPZ Rata Peaks.

SZGRF 19:35:47.0.0.21:26S:178:73W, h599km, Fiji Islands region. Error ellipse: s-maj=5.2km s-min=5.5km az=166.0

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes AFI Afiamalu.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes RPZ Rata Peaks.

NEIC 19:35:48.0.0.20:77S:178:74W, h597km, Moment Tensor Solution. s30 Moment tensor: Scale 10^18Nm

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes AFI Afiamalu.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes RPZ Rata Peaks.

Code Station Name Azimuth Phase ID Time Res

Code Station Name Azimuth Phase ID Time Res

Code Station Name Azimuth Phase ID Time Res

16d 19h

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like QIS Mount Isa, HTT Hallett, BBOO Buckleboe, etc.

2010 AUG

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like VVDA comp=Z,60nm,0.9s, VVDA comp=Z,60nm,0.9s, VVDA comp=Z,60nm,0.9s, etc.

944

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like JOW Kunigami, JOW Kunigami, JOW Kunigami, etc.

KSDAG	Daegu	75.00 318	P	P	19 46 30.4 +0.8
KSNAH	Namhae	75.01 317	P	P	19 46 30.5 +0.8
KSNAH	Namhae	75.01 317	P	P	19 46 30.3 +0.7
KSJJU	Jeju	75.04 315	P	P	19 46 31.1 +1.1
KSJJU	Jeju	75.04 315	P	P	19 46 31.1 +1.1
KSVOY	YEONGCHEON	75.09 318	P	P	19 46 31.1 +0.9
KSVOY	YEONGCHEON	75.09 318	P	P	19 46 31.1 +0.9
UNV	Unalaska Valle	75.13 7	eP	P	19 46 28.8 -1.1
KSJIN	Jinju	75.16 317	P	P	19 46 32.1 +1.6
KSULJ	Ulljin	75.28 319	P	P	19 46 32.4 +1.2
KSULJ	Ulljin	75.28 319	P	P	19 46 32.0 +0.8
AKUT	Akutan	75.50 8	eP	P	19 46 31.2 -0.8
KSEUS	ULSEONG	75.50 319	P	P	19 46 33.3 +0.8
KSEUS	ULSEONG	75.50 319	P	P	19 46 33.3 +0.8
KSWAN	Wando	75.53 316	P	P	19 46 33.2 +0.6
KSWAN	Wando	75.53 316	P	P	19 46 33.2 +0.6
KASI	Kota Agung	75.68 269	P	S	19 55 28.3 +0.1
KSKWJ	Gwangju	75.82 317	P	P	19 46 35.0 +0.8
KSTBA	Taebaek	75.83 319	P	P	19 46 35.3 +1.0
KSCPR	CHUPUNGYEONGS.86 318	P	P	P	19 46 35.3 +0.9
KSCPR	CHUPUNGYEONGS.86 318	P	P	P	19 46 35.3 +0.9
KSSAJ	Sangju	75.87 318	P	P	19 46 35.0 +0.5
KSSAJ	Sangju	75.87 318	P	P	19 46 35.0 +0.5
YSS	Yuzh-Sakhalins	75.89 334	iP	P	19 46 35.0 +0.7
YSS			ePP	pP	19 48 39.3 +0.8
YSS			eSP	sP	19 49 34.0 -5.7
YSS			ePPP	PP	19 51 28.0
YSS			eS	S	19 53 00.0 +1.1
YSS			eSS	SS	20 00 46.0 +6.5
YSS				pmax	
YSS	comp=N,700nm,4.0s			smax	
YSS	comp=N,2um,9.0s			MLR	MLR
YSS	comp=E,300nm,15.0s			MLR	MLR
YSS	comp=N,300nm,16.0s				
YSS	Yuzh-Sakhalins	75.89 334	eP	P	19 46 35.0 +0.7
ksGWJ	Gwangju-acc	75.89 317	P	P	19 46 35.3 +0.7
OZH	Quanzhou	76.01 304	iP	S	19 46 36.3 +0.8
OZH			S	S	19 55 31.0 -0.2
OZH				PMZ	
OZH	comp=N,680nm,0.9s			PMZ	
KSJEU	Jeongeup	76.07 317	P	P	19 46 36.0 +0.5
KSJEO	Jeonju	76.11 317	P	P	19 46 36.6 +0.8
PET	Petropavlovsk	76.13 346	iP	P	19 46 35.0 -0.4
PET			ePP	pP	19 48 40.0 +0.3
PET			eSP	sP	19 49 39.8 -1.2
PET			ePPP	PP	19 51 28.4
PET			iS	S	19 55 31.2 0.0
PET			eSP	SpN	19 56 13.4 -0.4
PET			eSS	SS	20 00 43.6 +0.7
PET			eSSS	SSS	20 04 07.0
PET				pmax	
PET	comp=Z,129nm,0.9s			pmax	
PET	comp=Z,2um,14.6s				
PET	Petropavlovsk	76.13 346	eP	P	19 46 35.1 -0.4
KSBN	Boeun	76.15 318	P	P	19 46 37.1 +1.1
KSBN	Boeun	76.15 318	P	P	19 46 37.1 +1.1
KSVOW	Yeongwol	76.17 319	P	P	19 46 37.4 +1.3
KKSJES	JEONGSEON	76.21 319	P	P	19 46 37.1 +0.8
KSCHJ	Chungju	76.28 319	P	P	19 46 37.8 +1.1
KSTEL	Daejeon	76.33 318	P	P	19 46 37.9 +0.9
TJN	Taejon	76.34 318	iP	P	19 46 37.3 +0.3
KSGDY	Daegwallyeong	76.37 320	P	P	19 46 38.5 +1.3
PETK	Petropavlovsk	76.42 346	P	P	19 46 36.8 -0.3
KSJMJ	Jumunjin	76.44 320	P	P	19 46 38.8 +1.2
KSJMJ	Jumunjin	76.44 320	P	P	19 46 38.8 +1.2
KSGUS	GUISAN	76.50 317	P	P	19 46 38.7 +0.8
KSHUK	Heuksando	76.53 316	P	P	19 46 39.1 +1.1
FALS	False Pass	76.53 9	eP	P	19 46 37.8 +0.2
FALS			eS	S	19 55 34.5 -0.9
KSKOJ	Gongju	76.54 318	P	P	19 46 38.8 +0.7
KSJWJ	Wonju	76.56 319	P	P	19 46 39.6 +1.3
KSRS	Korea Array	76.68 319	P	P	19 46 40.0 +1.3
KSRS			PP	PP	19 49 39.2 -3.8
KSRS			P	P	19 46 40.1 +1.3
KSRS				pmax	pmax
KSCEA	Cheonan	76.69 318	P	P	19 46 39.7 +0.8
KSAR	Wonju Array Be	76.69 319	P	P	19 46 40.1 +1.1
KSAR			P	P	19 49 39.2
KSAR	Wonju Array Be	76.69 319	P	P	19 46 40.0 +1.1
KSAR			PP	PP	19 49 39.2 -3.9
KSAR			P	P	19 46 41.1 +1.3
KSICN	Icheon	76.89 319	P	P	19 46 41.2 +1.2
KSICN	Icheon	76.89 319	P	P	19 46 41.5 +1.4
KSILJ	Ilje	76.90 320	P	P	19 46 41.5 +1.2
KSCHC	Chuncheon	76.95 319	P	P	19 46 41.5 +1.2
SEHB	SEOHWA	77.00 320	P	P	19 46 41.9 +1.3
KSWSO	Suwon	77.15 318	P	P	19 46 42.6 +1.2
KSSES	Seosan	77.17 318	P	P	19 46 42.4 +0.9
KSSEO	Seoul	77.32 319	P	P	19 46 43.8 +1.5
KSSEO			P	P	19 46 43.8 +1.5
KSCWO	Cheorwon	77.32 319	P	P	19 46 44.0 +1.6
SSE	Sheshan	77.37 310	P	P	19 46 43.1 +0.4
SSE				PMZ	
SSE	comp=Z,100nm,0.9s			PMZ	
SDPT	Sand Point	77.47 11	eP	P	19 46 41.6 -1.1
SDPT					
INDCC	Dongducheon	77.49 319	P	P	19 46 44.8 +1.6
KSNDC	Incheon	77.49 318	eP	P	19 46 44.3 +1.0
MNAI	Manna	77.52 270	iP	P	19 46 44.4 +0.3

MNAI	Manna	77.52 270	eP	P	19 46 44.4 +0.3
YNCB	YEONCHEON	77.66 319	P	P	19 46 45.5 +1.4
KSMSU	Mulsan	77.67 319	P	P	19 46 45.2 +1.1
KSGAH	Ganghwa	77.75 318	P	P	19 46 45.6 +1.0
SPIA	Saint Paul Isl	78.05 5	eP	P	19 46 46.3 +0.6
VLA	Vladivostok	78.16 325	dIP	P	19 46 47.5 +0.8
VLA			pmax	pmax	
MSHR	Mushu	78.18 325	iP	P	19 46 48.3 +1.5
HKC	Hong Kong Obse	78.23 299	iP	P	19 46 50.0 +2.5
BSC	Santa Cruz Isl	78.35 47	P	P	19 46 48.9 +0.9
SCI	San Clemente I	78.52 48	P	P	19 46 49.8 +0.9
DLV	L'at	78.54 288	eP	P	19 46 50.6 +1.0
SBC	Santa Barbara	78.55 46	P	P	19 46 49.8 +0.8
SAC	San Andreas	78.64 42	eP	P	19 46 52.0 +2.6
SAC	San Andreas	78.64 42	eP	P	19 46 52.0 +2.6
MCCMM	Marconi Center	78.69 42	eP	P	19 46 51.8 +2.2
PKM	Peak Mountain	78.74 46	P	P	19 46 51.4 +1.1
CHGM	Chignik	78.74 11	eP	P	19 46 48.8 -0.6
BTDF	Bukit Timah Da	78.78 276	iP	P	19 46 52.0 +1.2
BLG	Laguna Peak	78.80 47	P	P	19 46 51.0 +0.6
LRV	Little Rabbit	78.84 44	eP	P	19 46 53.5 +3.0
USRK	Ussuriysk Ar.	78.85 326	P	P	19 46 51.6 +1.2
USRK			PP	PP	19 48 57.3 +1.5
USRK			PP	PP	19 46 51.8 +1.1
SMCM	Simmler	78.86 45	P	P	19 46 51.8 +1.1
MYKOM	Kota Tinggi	78.87 276	eP	P	19 46 50.9 -0.3
KSBAR	Backryungdo	78.99 318	P	P	19 46 52.3 +1.1
TYV	Tymovskoe	79.06 336	eP	S	19 46 51.0 -0.3
TYV			eS	S	19 45 06.0 +3.9
TYV			pmax	pmax	
TYV	comp=Z,4um,2.0s			smax	smax
TYV	comp=E,4um,19.0s			smax	smax
TYV	comp=N,2um,18.0s			smax	smax
NSHM	Saint Helena R	79.09 42	eP	P	19 46 52.8 +1.1
FMP	Fort Macarthur	79.11 48	P	P	19 46 52.6 +0.6
KCPM	Cahto Peak	79.21 40	eP	P	19 46 53.4 +0.9
GZH	Guangzhou	79.27 300	P	P	19 46 53.6 +0.6
GZH			sP	sP	19 50 00.4 +0.8
GZH			PP	PP	19 50 08.3 +3.8
GZH			S	SKS	19 55 08.9 -3.0
GZH			sS	SS	19 55 52.5 +3.2
GZH				PMZ	
GZH	comp=N,5um,6.8s				
OSI	Osito Adit	79.32 47	P	P	19 46 54.1 +0.9
OSI	Osito Adit	79.32 47	eP	P	19 46 56.1 +3.0
KIPM	Iron Peak	79.35 40	eP	P	19 46 54.2 +1.0
DECC	Green Verdugo	79.38 47	P	P	19 46 54.1 +0.7
PASC	Pasadena Art C	79.44 47	eP	P	19 46 56.4 +2.7
KMRM	Mali Ridge	79.47 40	eP	P	19 46 55.0 +1.2
109C	Camp Elliot, 0.9s	79.48 49	P	P	19 46 54.5 +0.5
ARVC	Arvin	79.54 46	P	P	19 46 54.8 +0.6
NJ2	Nanjing	79.55 310	eP	P	19 46 55.8 +1.5
NJ2			pP	pP	19 48 58.5 -1.6
NJ2			sP	sP	19 49 59.8 -1.2
NJ2			PP	PP	19 50 06.0 -0.7
NJ2			SKS	SKS	19 56 16.0 -1.2
NJ2				PMZ	
NJ2	comp=N,500nm,0.9s			PMZ	
MWC	Mount Wilson	79.56 47	eP	P	19 46 55.1 +0.5
MWC			pmax	pmax	
MWC	Mount Wilson	79.56 47	eP	P	19 46 55.1 +0.5
BAR	Barrett	79.67 49	eP	P	19 46 56.6 +1.5
VES	Vestal, Richgr	79.77 45	P	P	19 46 55.2 -0.2
MURC	Murrieta	79.81 48	P	P	19 46 56.1 +0.4
BFSC	Edwards Air Fo	79.84 47	P	P	19 46 56.3 +0.3
KHMM	Horse Mountain	79.86 39	eP	P	19 46 56.7 +0.7
KHMM			P	P	19 49 03.5 +1.7
RCTC	Reactor, Farmer	79.94 45	eP	P	19 46 56.3 +0.1
MONP	Monument Peak	79.97 49	P	P	19 46 57.4 +0.6
EDW2	Edwards Air Fo	79.97 47	P	P	19 46 56.8 +0.3
IBP	Imperial Bould	80.08 50	P	P	19 46 57.7 +0.5
ISA	Isabella	80.08 46	eP	P	19 46 57.7 +0.6
ISA			pmax	pmax	
ISA	comp=Z,155nm,1.3s				
ISA	Isabella	80.08 46	P	P	19 46 57.8 +0.7
ISA	Isabella	80.08 46	eP	P	19 46 57.7 +0.6
ISA	Isabella	80.08 46	eP	P	19 46 57.7 +0.6
ISA			eP	P	19 49 07.3 +4.2
ISA			PP	PP	20 13 46.4 +7.4
CMB	Columbia Colle	80.19 43	eP	P	19 46 57.9 +0.3
CMB			pmax	pmax	
CMB	Columbia Colle	80.19 43	eP	P	19 46 57.9 +0.3
OHCMI	Honcut	80.28 41	eP	P	19 46 59.1 +1.2
OHCMI			ePP	PP	19 49 11.0 +6.9
SLBS	Sierra La Lagu	80.29 60	eP	P	19 47 00.1 +1.6
PFO	Pinyon Flat Ob	80.33 49	S	P	19 56 20.9 +4.8
PFO	Pinyon Flat Ob	80.33 49	eP	P	19 46 59.6 +1.0
PFO			ePP	PP	19 49 05.7 +1.0
PFO			S	S	19 56 20.9 +4.8
PFO			pmax	pmax	
PFO	comp=Z,76nm,1.3s				
PFO	Pinyon Flat Ob	80.33 49	P	P	19 46 59.9 +1.3
PFO	Pinyon Flat Ob	80.33 49	P	P	19 46 58.9 +0.4
PFO	Pinyon Flat Ob	80.33 49	eP	P	19 46 59.6 +1.0
PFO			eP	P	19 49 05.7 +1.0
PFO			P	P	19 56 20.9 +4.8
QIZ	Qiongzong	80.35 295	P	P	19 46 59.9 +1.1
QIZ			sP	sP	19 50 06.9 +1.1
QIZ			eP	P	19 50 14.0 +0.6
QIZ			S	SKS	19 56 18.9 -1.5
QIZ			PMZ	PMZ	
QIZ	comp=Z,81nm,1.8s			PMZ	
QIZ	comp=Z,2um,9.8s				
QIZ	Qiongzong	80.35 295	eP	P	19 47 00.1 +1.3
QIZ			eP	P	19 50 17.4 +4.0
BBRC	Big Bear Solar	80.36 48	P	P	19 46 59.0 +0.2
WDC	Whiskeytown Da	80.39 40	eP	P	19 46 59.3 +0.8
WDC			pmax	pmax	
WDC	Whiskeytown Da	80.39 40	eP	P	19 46 59.3 +0.8
MDJ	Mudanjiang	80.39 325	P	P	19 47 00.0 +1.6
MDJ			sP	sP	19 50 01.3 -4.0
MDJ			PP	PP	19 50 11.8 -1.4

MDJ			S	SKS	19 56 20.8 +1.3
MDJ			PMZ		
MDJ	comp=Z,270nm,0.8s				
MDJ	comp=Z,2um,6.1s				

Table with columns: ID, Name, SNR, Az, El, Az Error, El Error, Az Rate, El Rate, Az Acc, El Acc, Az Rate Error, El Rate Error, Az Acc Error, El Acc Error. Includes entries like I23A Meade Ranch, T29A Hugoton, 334A Lometa, etc.

Table with columns: ID, Name, SNR, Az, El, Az Error, El Error, Az Rate, El Rate, Az Acc, El Acc, Az Rate Error, El Rate Error, Az Acc Error, El Acc Error. Includes entries like CBK5 Cedar Bluff, L28A Connealy Angus, 136A Ennis, etc.

Table with columns: ID, Name, SNR, Az, El, Az Error, El Error, Az Rate, El Rate, Az Acc, El Acc, Az Rate Error, El Rate Error, Az Acc Error, El Acc Error. Includes entries like Q33A Connelly Farm, 440A Kirbyville, 239A Gary, etc.

Table with columns for call sign, name, frequency, and various status codes. Includes entries like LFK, CLZ, Kraliky, Kraliky, Gulveren, etc.

Table with columns for call sign, name, frequency, and various status codes. Includes entries like ARMT, SMOL, Smolence, Fur, Jersey, etc.

Table with columns for call sign, name, frequency, and various status codes. Includes entries like FUR, Jersey, JRS, etc.

16d 19h

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like FUORN, AOM, UPM, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like AMT, ITM, KFL, etc.

Table with columns: Code, Station Name, Frequency, Mode, and other technical details. Includes stations like HNR, WRA, KMSR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Port Moresby, Mount Surprise, Coen, Stephens Creek, etc.

NEIC 16 20:17:22.8±1.2, 17°40'N:146°16'E, h127km, 11km, mb4.6/5, Error ellipse: s-maj=15.4km s-min=6.7km az=90.0

ISCJTB 16 20:17:23.0±0.5, 17°45'N:0°05'146E:0.1, h150km, mb4.4/2.5, Error ellipse: s-maj=14.1km s-min=6.3km az=67

DJA 16 20:17:29.3±2.5, 17°N:13°14'5E:2.7, h100km±19km, M5 1/13, mb5.0/13, mb5.2/3, MLV5.2/1, Mw(Mb)4.7/3

ISC 16 20:17:26.4±0.6, 17.61°N:0.06:145.9E:0.1, h167km, n49, c±238/39, mb4.6/25, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Guam, Chichijima, WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, MBWA Marble Bar, STKA Stevens Creek, etc.

IDC 16 20:23:11.8±5.6, 20.43S:178.44W, h481km, 66km, mb3.0/4, mbl 3.4, mb1mx3.1/1.9, mbtmp4.0/6, Error ellipse: s-maj=48.3km s-min=28.3km az=2.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, URZ Urewera, ASAR Alice Springs, etc.

IDC 16 20:44:13.8±2.8, 4.87S:68°63'E, h0km, mb3.7/5, mb1 3.8/5, mb1mx3.5/2.8, mbtmp3.7/5, MS4 0.6, Ms1 4.0/6, ms1mx3.6/2.9, Error ellipse: s-maj=74.4km s-min=37.4km az=64.0

ISC 16 20:44:13.8±2.3, 5.2S:0.3:68.6E:0.3, h18km, n19, c±187/12, mb3.8/5, MS4 0.6, Chagos Archipelago region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H08N2 Diego Garcia H, H08N3 Diego Garcia H, etc.

ISK 16 20:48:05.2, 38°39'N:31°58'E, h6km, MD2.4

ISCJTB 16 20:48:06.0±0.6, 38°39'N:0.03:31°69E:0.05, h3km, 6km, Error ellipse: s-maj=7.2km s-min=4.1km az=145.3

CSEM 16 20:48:06.3±0.1, 39.01°N:31°70E, h8km, MD2.4, Error ellipse: s-maj=5.1km s-min=2.8km az=43.0

DDA 16 20:48:06.39:01.1, 39.01°N:31°69E, h7km, MD2.6, h1mx3.0/0.6, h1.33:02N:0.03:31°59E:0.03, h5km±10km, n20, c±36/32, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KIZT Kizilic, AUSIV SIVRHSAR, SVRHS Sivrhisar-ESK, etc.

IDC 16 21:04:26.3±1.1, 11°76'N:92°72'E, h0km, mb3.7/9, mb1 3.8/9, mb1mx3.6/36, mbtmp3.7/9, Error ellipse: s-maj=47.9km s-min=19.4km az=54.0

ISCJTB 16 21:04:28.4±0.8, 11°6N:0.1:92°8E:0.1, h26km, mb3.7/10,

Error ellipse: s-maj=21.2km s-min=11.8km az=142.8

ISC 16 21:04:30.3±1.1, 11.7N:0.1:92.7E:0.2, h26km, n22, c±1507/16, mb3.7/10, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, ODAN Odan, RAMN Ramite, etc.

IDC 16 21:12:57.9±4.0, 4.64S:69°09'E, h0km, mb3.7/5, mb1 3.8/5, mb1mx3.5/3.1, mbtmp3.7/5, MS3 6.5/5, Ms1 3.6/5, ms1mx3.3/4.1, Error ellipse: s-maj=133.0km s-min=27.6km az=64.0

ISC 16 21:12:58.9±4.7, 4.8S:0.5:69.3E:0.9, h10km, n16, c±165/9, mb4.0/5, MS3.7/4, Chagos Archipelago region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H08N2 Diego Garcia H, H08N3 Diego Garcia H, etc.

ISCJTB 16 21:14:24.2±0.5, 50°31'N:0°04:18.68E:0.03, h0km, Error ellipse: s-maj=5.3km s-min=2.8km az=9.2

CSEM 16 21:14:25.0±0.3, 50°30'N:18°70E, h2km, ML2.7/7, Error ellipse: s-maj=8.2km s-min=3.5km az=12.0

PRU 16 21:14:26.6±0.6, 50°26'N:23.17E, h0km, c±89/65, 3C, Poland

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

16d 22h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like LSZ Lusaka, ZALF Zaf, SALA Malaya, etc.

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Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like J05D Fort Rock, M04C Macdoel, EDM Edmont, etc.

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Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like 237A Washetta, ACCN Adirondack, SIUC Southern Illin, etc.

16 22:23:30.5±1.6, 6.80S±1.3009E, h0km, mb3.7/2, mb1.3/5, mb1.9/3.45, mb1.5/3.8, ML3.9/2, MS3.7/2, Mb1.3/7.2, m1.5/2.9/2.8, Error ellipse: s-maj=74.7km s-min=27.5km az=79.0, Banda Sea

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like SIJL Sorong, SIUI, WRA Waramunga Arr, etc.

16 22:38:28.7±8.4, 12.30N±1.0408E, h0km, mb3.6/3, mb1.3/8.3, mb1.3/4.37, mb1.5/3.8, Error ellipse: s-maj=391.2km s-min=28.2km az=80.0, Western Caroline Islands

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like WRA Waramunga Arr, ASAR Ales Springs, STKA Stephens Creek, etc.

ISCJB 16 22:48:40.5±0.7, 50.41N±0.05±18.78E±0.03, h0km, Error ellipse: s-maj=6.7km s-min=2.5km az=11.2 CSEM 16 22:48:41.5±0.4, 50.42N±0.05±18.80E±0.02, h2km, ML2.5/4, Error ellipse: s-maj=9.1km s-min=3.4km az=10.0 PRU 16 22:48:42.8±1.0, 50.37N±18.82E, h0km, Error ellipse: s-maj=42.0±1.0, 50.39N±18.84E±0.02, h0km, m27, ±0.73/51.2C, Poland

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like CHZP Chorow, OJC Ojcow, OJK Ostrava-Krasne, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LANS, KRALC, NIE, DPC, VRAC, STHS, etc.

ISJCJB 16 22:48:53.6:1.2, 8.08S:0.05x106.94E:0.04, h24km, 11km, Error ellipse: s-maj=9.8km s-min=6.1km az=30.6

AUST 16 22:48:54.2:99.0, 7.97S:106.89E, h35km, Error ellipse: s-maj=1.3km s-min=0.8km az=307.0

ISC 16 22:48:54.6:1.5, 8.03S:0.05x106.96E:0.04, h31km, 14km, n27, r=159/33, South of Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CNJI, CISI, SKJI, LEM, CMJI, etc.

NIED 16 22:59:00.39:20N, 143.70E, h8km, Mw3.8 Best double couple: Mb8.09000x1014 NP1.186.00000, 844.00000, 1.65.00000, NP2.309.00000, 851.00000, 1.12.00000

ISJCJB 16 22:59:52.6:0.3, 39.27N:0.04:143.80E, 0.06, h20km, mb3.6/5, Error ellipse: s-maj=7.1km s-min=4.2km az=34.3

JMA 16 22:59:54.4:0.2, 39.24N:143.74E, h33km, M3.7

ISC 16 22:59:54.8:1.1, 39.27N:0.05:143.75E:0.07, h20km, n28, r=15/39, mb3.7/5, Off east coast of Honshu

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

FINES FINESS Array B 67.69 333 P P 23 10 49.6 -0.6 1.9nm, 0.6s, baz=14, slow=13, SNR=2.4

LPAZ La Paz 143.97 60 PKP PKPab 23 19 24.3 -3.0 0.9nm, 0.4s, baz=64, slow=1.3, SNR=6.1

ISCJB 16 23:05:41.8:0.9, 11.27N:0.04:62.04W:0.05, h122km, 8km, Error ellipse: s-maj=9.5km s-min=6.3km az=31.8

TRN 16 23:05:43.7, 11.29N:61.99W, h116km, MD2.9

FUNV 16 23:05:44.0, 11.18N:62.01W, h123km, MD2.9

ISC 16 23:05:40.4:1.6, 11.22N:0.05:62.00W:0.06, h140km, 11km, n14, r=103/33, Windward Islands

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

ISK 16 23:07:12.6, 36.98N:34.34E, h6km, MD2.7

DDA 16 23:07:12.9, 36.99N:34.38E, h10km, MD2.7

CSEM 16 23:07:13.2:0.2, 37.00N:34.32E, h5km, MD2.7, Error ellipse: s-maj=6.3km s-min=3.7km az=16.0

ISC 16 23:07:13.0:1.2, 36.98N:0.03:34.34E:0.02, h4km, 10km, n24, r=036/38, Turkey

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

SJA 16 23:15:17.2:0.6, 33.51S:72.63W, h33km, ML3.4, MW3.4

GUC 16 23:15:18.5:0.3, 33.63S:72.10W, h29km, 1km, ML3.7

ISC 16 23:15:18.3:1.8, 33.62S:0.04:72.16W:0.08, h30km, 14km, n21, r=1825/28, 2C-2D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like U73B, LNV, IHA, etc.

SAN 16 23:15:17.0:0.2, 27.51N:129.56E, h37km, M3.6

IDC 16 23:16:07.2:1.1, 27.52N:129.53E, h31km, 6km, mb3.6/7, mb1 3.8/8, mb1mx3.5/32, mbtrmp3.8/8, ML3.9/1, MS3.2/5, Ms1 3.2/5, ms1mx2.9/36, Error ellipse: s-maj=25.4km s-min=15.7km az=95.0

ISC 16 23:16:06.5:0.9, 27.48N:0.03:129.60E:0.04, h29km, 6km, n30, r=089/46, mb3.8/7, MS3.6/3, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like U73B, LNV, IHA, etc.

NIED 16 23:16:00.27:50N, 129.60E, h17km, Mw3.9 Best double couple: Mb8.29000x1014 NP1.285.00000, 83.00000, 1.161.00000, NP2.34.00000, 889.00000, 1.87.00000

ISCJB 16 23:16:05.8:0.5, 27.47N:0.03:129.63E:0.04, h37km, 7km, mb3.7/7, MS3.4/3, Error ellipse: s-maj=6.3km s-min=3.6km az=33.0

JMA 16 23:16:06.7:0.2, 27.51N:129.56E, h37km, M3.6

IDC 16 23:16:07.2:1.1, 27.52N:129.53E, h31km, 6km, mb3.6/7, mb1 3.8/8, mb1mx3.5/32, mbtrmp3.8/8, ML3.9/1, MS3.2/5, Ms1 3.2/5, ms1mx2.9/36, Error ellipse: s-maj=25.4km s-min=15.7km az=95.0

ISC 16 23:16:06.5:0.9, 27.48N:0.03:129.60E:0.04, h29km, 6km, n30, r=089/46, mb3.8/7, MS3.6/3, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like U73B, LNV, IHA, etc.

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

JNU 0.3nm, 0.3s, baz=288, slow=20, SNR=2.1

KSR5 Korea Array 10.05 352 LR 23 22 05.7 comp=2.8nm, 20.6s, baz=165, slow=36

DAV Davao City (W) 20.65 191 LR 23 30 32.1 comp=2.40nm, 18.6s, baz=244, slow=42

SOM Songoing Array 2.01 125 P 23 21 49.1+1.2 0.3nm, 0.5s, baz=111, slow=7.9, SNR=2.8

LEMB 40.19 215 LR 23 39 40.1 comp=2.89nm, 21.1s, baz=239, slow=35

MKAR Makanchi Array 41.64 311 P 23 23 51.0 -1.2 0.2nm, 0.4s, baz=92, slow=10.4, SNR=5.1

MKAR 0.3nm, 0.5s, baz=10, slow=10.0, SNR=3.4

WRA Warramunga Array 47.36 174 P 23 24 38.7+0.7 1.3nm, 0.6s, baz=55, slow=9.4, SNR=10

ASAR Alice Springs 51.02 175 P 23 25 06.7+0.8 1.4nm, 0.9s, baz=3.0, slow=7.2, SNR=11

AKTO Aktyubinsk 57.84 314 LR 23 53 15.2 1.3nm, 0.6s, baz=20, slow=10.0, SNR=5.9

FINES FINESS Array B 72.38 331 P 23 27 29.5+0.1 2.4nm, 0.7s, baz=85, slow=5.0, SNR=11

FINES 2.8nm, 0.7s, baz=94, slow=6.0, SNR=3.2

BRTR Keskin Array B 77.23 308 P 23 27 58.9+0.7 0.6nm, 0.7s, baz=80, slow=6.2, SNR=3.0

BRTR 1.4nm, 0.7s, baz=101, slow=6.4, SNR=8.7

NB2 NORSAR Array B 78.73 334 P 23 28 06.8+0.8 comp=2.0nm, 0.6s, baz=58, slow=5.6

NOA NORSAR Array B 78.73 334 P 23 28 05.3 -0.7 comp=2.0, 0.9nm, 0.6s, baz=51, slow=5.6, SNR=4.6

SJA 16 23:23:56.4:0.6, 33.51S:72.75W, h33km, ML3.5, MW3.4

GUC 16 23:23:57.0:0.3, 33.68S:72.06W, h37km, 4km, ML3.6

ISC 16 23:23:59.3:2.8, 33.75S:0.07:72.2W:0.1, h31km, 14km, n17, r=026/25, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like U73B, U69B, etc.

U73B San Pedro 0.66 105 eP Pn 23 24 11.9 0.0

U69B Peumo 1.21 127 eP Pn 23 24 18.3 -1.0

U69B Hualae0 1.26 165 eP Pn 23 24 23.0 -0.4

U65B Peldehue 1.39 65 eS Pn 23 24 27.0 -3.0

U65B Peldehue 1.39 65 eS Pn 23 24 40.1 -4.5

U65B Peldehue 1.39 65 eS Pn 23 24 43.0

U65B Peldehue 1.39 65 eS Pn 23 24 23.2 -2.9

U65B Peldehue 1.39 65 eS Pn 23 24 46.5 +1.3

U65B Peldehue 1.39 65 eS Pn 23 24 23.2 -0.8

U65B Peldehue 1.39 65 eS Pn 23 24 28.4 +2.2

U65B Peldehue 1.39 65 eS Pn 23 25 26.4 -0.5

U65B Peldehue 1.39 65 eS Pn 23 25 29.2

U65B Peldehue 1.39 65 eS Pn 23 24 49.1 +2.8

U65B Peldehue 1.39 65 eS Pn 23 25 27.9 +0.6

U65B Peldehue 1.39 65 eS Pn 23 25 50.4 +2.0

U65B Peldehue 1.39 65 eS Pn 23 24 50.4 +0.8

U65B Peldehue 1.39 65 eS Pn 23 25 30.8 +2.5

U65B Peldehue 1.39 65 eS Pn 23 25 27.5 +1.4

U65B Peldehue 1.39 65 eS Pn 23 25 04.4 +0.5

U65B Peldehue 1.39 65 eS Pn 23 25 04.0 +0.0

U65B Peldehue 1.39 65 eS Pn 23 25 10.6 +2.8

U65B Peldehue 1.39 65 eS Pn 23 25 17.2 +1.1

U65B Peldehue 1.39 65 eS Pn 23 25 30.0

U65B Peldehue 1.39 65 eS Pn 23 24 23.2 -2.9

U65B Peldehue 1.39 65 eS Pn 23 24 46.5 +1.3

U65B Peldehue 1.39 65 eS Pn 23 24 23.2 -0.8

U65B Peldehue 1.39 65 eS Pn 23 24 28.4 +2.2

mb4.5/30, MS3.8/5, Error ellipse: s-maj=9.6km
 s-min=6.4km az=177.3
 NEIC 17 01:35:52.3-3.2, 22.69S:171.33E, h31km, mb4.8/19,
 Error ellipse: s-maj=9.9km s-min=7.6km az=210.0
 GCMT 17 01:35:52.3-0.5, 22.97S:171.51E, h30km, Mw5.0/58,
 Moment Tensor Solution. s32,c43; s58,c82; Duration:
 0 Moment tensor: Scale 10¹⁶N; Mr4.97±.43;
 M₀-3.97±.26; M₁-0.99±.26; M₂-1.01±.31; M₃-0.18±.19;
 M₄-1.01±.46; Best double couple: M4.67500/1016
 NP1.777.00000/.852.00000/.180.00000/. NP2:
 6.274.0000/.639.00000/.1103.00000/. Principal axes:
 T 5.2300, Azp 304.0000, N -1.1210,
 Plg8.0000, Azm83.0000, P -4.1120, Plg7.0000
 Azm174.0000; nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s.

AUST 17 01:36:31.2.23.50S:171.09E, h450km
 ISC 17 01:35:52.9-0.5, 22.74S:171.33E, h107, h35km, n105,
 s1505/108, mb4.7/30, MS3.9/5, 7C-13D, Southeast of
 Loyalty Islands

Code	Station Name	A°	AZ°	Phase ID	ISC	Time h m s	Res h s	ISC
DZM	Mont Dzumac	4.57 277	Op	Pn		01 36 58.6	-1.1	
DZM	6.0nm, 0.3s, baz=181, slow=2, SNR=42							
DZM	comp=Z, 184nm, 21.6s, baz=174, slow=25							
DZM	8.3nm, 0.3s, baz=180, slow=20, SNR=2.8							
DZM	Mont Dzumac	4.57 277	eP	Sn		01 37 58.3 +0.2		
DZM	8.3nm, 0.3s, baz=180, slow=20, SNR=2.8							
DZM	Mont Dzumac	4.57 277	eS	Pn		01 37 54.4 +2.8		
DZM	8.3nm, 0.3s, baz=180, slow=20, SNR=2.8							
DZM	Mont Dzumac	4.57 277	eS	Pn		01 37 53.5 +1.9		
DZM	8.3nm, 0.3s, baz=180, slow=20, SNR=2.8							
NOUC	Port Laguerre	4.69 277	eP	Pn		01 36 58.9 +2.4		
NOUC	8.3nm, 0.3s, baz=180, slow=20, SNR=2.8							
NOUC	Port Laguerre	4.69 277	eS	Pn		01 37 51.0 -3.5		
NOUC	8.3nm, 0.3s, baz=180, slow=20, SNR=2.8							
RAO	Raoul Island	11.64 126	LR	LR		01 42 06.4		
RAO	comp=Z, 573nm, 20.4s, baz=346, slow=32							
URZ	Urewera	16.25 164	Pn	Pn		01 39 37.8 -0.6		
URZ	0.5nm, 0.3s, baz=274, slow=7, SNR=4.0							
URZ	comp=Z, 238nm, 21.8s, baz=348, slow=32							
URZ	Urewera	16.25 164	eP	Pn		01 39 38.3 -0.1		
URZ	0.5nm, 0.3s, baz=274, slow=7, SNR=4.0							
AFI	Afiatama	19.19 242	P	Pn		01 45 49.9		
AFI	comp=Z, 260nm, 18.9s, baz=109, slow=33							
EIDS	Eidsvold	18.68 258	ePn	Pn		01 40 09.9 +1.2		
EIDS	17nm, 0.9s							
ARMA	Armidale	19.19 242	P	Pn		01 40 23.8 +8.8		
ARMA	comp=Z, 19.19 242							
ARMA	Armidale	19.19 242	eP	Pn		01 40 14.4 -0.5		
ARMA	19.19 242							
RMQ	Roma	20.85 255	P	Pn		01 40 35.2 +0.7		
RMQ	comp=Z, 20.85 255							
RMQ	Roma	20.85 181	P	Pn		01 40 31.6 -0.9		
RMQ	33nm, 0.9s, baz=33, slow=11, SNR=4.3							
RPZ	comp=Z, 503nm, 20.0s, baz=110, slow=33							
RPZ	Rata Peka	20.93 181	eP	LR		01 47 18.9		
RPZ	58nm, 1.1s							
CTA	Charters Tower	23.49 272	P	P		01 40 59.2 -0.4		
CTA	10nm, 1.0s, baz=82, slow=9, SNR=6.4							
CTA	Charters Tower	23.49 272	eP	P		01 40 59.8 +0.1		
CTA	10nm, 1.0s, baz=82, slow=9, SNR=6.4							
CMSA	Cobar Meteorol	24.40 243	P	P		01 41 08.3 +0.2		
CMSA	24.40 243							
MTSU	Mount Surprise	25.71 275	P	P		01 41 21.7 +1.6		
MTSU	25.71 275							
PMG	Port Moresby	26.68 296	P	LR		01 41 28.4 -0.4		
PMG	17nm, 0.7s, baz=130, slow=7.9, SNR=3.6							
PMG	comp=Z, 160nm, 19.7s, baz=157, slow=12							
PMG	Rarotonga	26.82 92	LR	LR		01 51 37.1		
PMG	26.82 92							
STKA	Stephens Creek	27.87 244	P	P		01 41 38.7 -0.8		
STKA	1.8nm, 0.8s, baz=104, slow=6, SNR=2.1							
COEN	Coen	28.07 283	P	P		01 41 43.5 +2.1		
COEN	28.07 283							
ASAR	Alice Springs	34.35 261	P	P		01 42 35.8 -0.9		
ASAR	34.35 261							
WRAB	Tennant Creek	34.50 268	eP	P		01 42 36.6 -1.3		
WRAB	34.50 268							
WRA	Warramunga Arr	34.51 268	P	P		01 42 36.8 -1.3		
WRA	1.1nm, 0.4s, baz=97, slow=8.2, SNR=9.8							
KDU	Kakadu	38.24 278	P	P		01 43 10.3 +0.4		
KDU	38.24 278							
FITZ	Fitzroy Crossi	42.94 267	P	P		01 43 49.2 +0.5		
FITZ	42.94 267							
FITZ	Fitzroy Crossi	42.94 267	eP	Pn		01 43 48.8 +0.1		
FITZ	42.94 267							
NWAO	Nararoin (SRO)	48.45 246	P	P		01 44 34.0 +1.9		
NWAO	48.45 246							
KAPI	Kappang	52.78 281	P	P		01 45 06.4 +1.4		
KAPI	6.1nm, 0.7s, baz=137, slow=13, SNR=3.6							
KAPI	Kappang	52.78 281	P	P		01 45 05.4 +0.4		
KAPI	6.1nm, 0.7s, baz=137, slow=13, SNR=3.6							
VNDA	Vanda	55.03 183	P	P		01 45 22.1 +1.6		
VNDA	0.9nm, 0.7s, baz=333, slow=9.0, SNR=2.8							
VNDA	comp=Z, 138nm, 18.1s, baz=318, slow=34							
SBA	Scott Base	55.22 181	eP	P		01 45 22.7 +0.8		
SBA	10nm, 1.0s							
GSPA	South Pole Qui	67.34 180	eP	P		01 46 43.1 -1.1		
GSPA	67.34 180							
KSRS	Korea Array	72.48 325	P	P		01 47 15.2 -0.7		
KSRS	2.6nm, 0.8s, baz=154, slow=7, SNR=8.2							
KSAR	Wonju Array Be	72.49 325	P	P		01 47 15.2 -0.8		
KSAR	72.49 325							
USRK	Ussuriysk Arr	75.92 322	P	P		01 47 34.1 -0.4		
USRK	0.9nm, 0.5s, baz=160, slow=11, SNR=5.3							
MAW	Mawson	75.94 302	P	P		01 47 35.0 +0.6		
MAW	5.2nm, 0.8s, baz=107, slow=5.9, SNR=10							
CMAR	Chiang Mai Arr	81.71 294	P	P		01 48 09.3 +1.0		
CMAR	0.9nm, 0.9s, baz=145, slow=4.0, SNR=4.6							
SNAE	Sanae	85.76 182	eP	P		01 48 28.8 +0.6		
SNAE	2.8nm, 1.0s							
KHMM	Horse Mountain	87.36 43	eP	P		01 48 36.5 -0.1		
KHMM	8.5nm, 0.9s							
USHA	Ushuaia	87.45 150	LR	LR		02 21 02.6		
USHA	comp=Z, 82nm, 18.5s, baz=296, slow=31							
WDC	Whiskeytown Da	87.96 44	eP	P		01 48 39.2 0.0		
WDC	87.96 44							
CMB	Columbia Colle	88.05 47	eP	P		01 48 39.5 -0.3		
CMB	6.3nm, 1.2s							
YBH	Yreka Blue Hor	88.47 43	eP	P		01 48 41.9 +0.1		
YBH	3.7nm, 0.9s							
HUMO	Hull Mountain	88.79 42	eP	P		01 48 43.3 +0.2		
HUMO	5.3nm, 0.3s							
WAKR	Walker	88.94 47	eP	P		01 48 44.8 +0.7		
WAKR	7.4nm, 1.2s							
NVAR	Mina Array Bea	89.67 48	P	P		01 48 47.7 +0.1		
NVAR	3.3nm, 0.8s, baz=225, slow=8.2, SNR=25							
MOD	Modoc	90.09 44	eP	P		01 48 49.0 -0.5		
MOD	6.6nm, 1.0s							
TPH	Tonopah	90.24 48	eP	P		01 48 50.5 +0.2		
TPH	9.0nm, 1.1s							
SOMN	Somgino Array	91.17 322	P	P		01 48 53.8 -0.4		
SOMN	0.9nm, 0.7s, baz=117, slow=5.2, SNR=4.1							
WVOR	Wild Horse Val	91.43 44	eP	P		01 48 54.9 -0.7		
WVOR	6.4nm, 1.1s							
R11A	Troy Canyon, C	91.50 49	eP	P		01 48 55.8 -0.3		
R11A	2.0nm, 0.9s							
ILAR	Elison Array	92.99 17	P	P		01 49 00.1 -2.0		
ILAR	0.6nm, 0.9s, baz=234, slow=5.5, SNR=5.6							
TXAR	Lajitas Array	96.72 61	P	P		01 49 21.6 +1.4		
TXAR	0.3nm, 0.9s, baz=336, slow=2, SNR=5.4							
GEYT	Alibek	121.53 302	PKP	PKP		01 54 42.6 -0.4		
GEYT	1.2nm, 0.6s, baz=294, slow=8.0, SNR=3.8							
AKASG	Malin Array Be	139.45 323	PKP	PKP		01 55 15.4 -0.9		
AKASG	0.2nm, 0.3s, baz=56, slow=2, SNR=3.9							
BRTR	Keeskin Array B	14.46 305	PKP	PKP		01 55 20.0 +1.2		
BRTR	0.5nm, 0.6s, baz=116, slow=3.4, SNR=3.2							
CFR	Caraliu	142.60 316	PKP	PKP		01 55 25.5 +3.3		
CFR	142.60 316							
MLR	Muntele Rosu	143.86 317	PKP	PKP		01 55 23.2 +0.8		
MLR	0.6nm, 0.5s, baz=40, slow=4.0, SNR=3.5							
MLR	Muntele Rosu	143.86 317	eP	PKP		01 55 22.4 +0.5		
MLR	0.6nm, 0.5s, baz=40, slow=4.0, SNR=3.5							
ALCR	ARCALIA	144.05 321	PKP	PKP		01 55 24.0 -0.7		
ALCR	144.05 321							
KOLS	Koloniche sedl	144.20 325	ePKP	PKP		01 55 24.3 -0.6		
KOLS	144.20 325							
BMR	Baia Mare	144.23 322	PKP	PKP		01 55 24.0 -0.1		
BMR	144.23 322							
STHS	Stebnicka Huta	144.45 326	ePKP	PKP		01 55 24.0 +0.6		
STHS	144.45 326							
TRPA	Tarpa	144.51 323	PKP	PKP		01 55 25.0 +0.1		

17d 1h

Table with columns for location (e.g., LOEI, KHON, IPoh), time (e.g., 8.57 45 P), and other numerical data.

2010 AUG

Table with columns for location (e.g., GUN, LSA, LSA, LSA), time (e.g., 18.43 334 eP), and other numerical data.

962

Table with columns for location (e.g., NJ2, Nanjing), time (e.g., 30.07 43 eP), and other numerical data.

17d 3h

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like 235A Perchaven, San, X37A Clayton, 529A Stev Forest Ra, etc.

2010 AUG

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like KNRA Kununurra, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, etc.

966

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like VLS Riolos of Patr, VLS Riolos of Patr, KLV Kalavryta, Ach, etc.

ISCJB 17 03:02:59.3.0.3, 4.53N:0.03:127.76E:0.04, h104km, mb4.3/24, Error ellipse: s-maj=6.1km s-min=4.0km az=179.9

AUST 17 03:03:00.9.4.50N:128.01E, h100km, IDIC 17 03:03:02.5.2.7, 4.47N:127.80E, h123km, 26km, mb4.1/18, mb1.4/2/19, mb1mx3.9/45, mbtmp4.5/19, MS3.3/1, Ms1.3.5/1, ms1mx2.5/35, Error ellipse: s-maj=24.4km s-min=9.6km az=82.0

NEIC 17 03:03:02.6.1.1, 4.47N:127.80E, h125km, 11km, mb4.4/6, Error ellipse: s-maj=12.9km s-min=6.0km az=85.0

DJA 17 03:03:04.3.0.6, 4.1N:127.8E, h82km, 20km, M4.7/14, mb4.6/8, mb5.1/6, MLV4.6/14, Mw(mb)4.4/6

ISC 17 03:03:00.8.4.4, 4.53N:0.04:127.76E:0.06, h104km, n69, #151771, mb4.5/24, 1.0, Talaud Islands

ISCJB 17 03:09:37.9.0.7, 36.59N:102.21.19E:0.03, h0km, 4km, mb3.7/8, Error ellipse: s-maj=4.6km s-min=3.2km az=42.6

IDC 17 03:09:37.4.1.3, 36.67N:121.57E, h0km, mb3.6/9, SFD mb1.3/7/10, mb1mx3.6/45, mbtmp3.6/10, ML3.9/1, Error ellipse: s-maj=27.8km s-min=22.9km az=137.0

THE 17 03:09:40.8, 36.65N:121.29E, h0km, 1km, ML3.7/10, Error ellipse: s-maj=1.5km s-min=0.6km az=214.0

ATH 17 03:09:40.1, 36.66N:121.27E, h20km, 1km, MD3.6/56, ML3.6

CSEM 17 03:09:41.6.0.3, 36.65N:121.21E, h20km, ML3.7, Error ellipse: s-maj=6.5km s-min=3.1km az=45.0

ISC 17 03:09:39.6.1.3, 36.68N:103.21.29E:0.03, h6km, 6km, n238, #1922/283, mb3.7/8, 1C-3D, Southern Greece

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like PYL PYLOS, SFD Strofades, ITM Ithomi, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like VIL2 Platees, EVR Erytria, ATH Athens Observa, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like NEST Nestorio, PAIG Paliouri, NPS Neapolis, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PAIG Paliouri, SMIA Simia, FYTO Fytokos, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BFZ Mangatainoka R, MRZ Howz, etc.

DDA 17 03:21:51.0, 36:45N-28:80E, h34km, MD2.9
ISCJB 17 03:21:52.0, 0.6, 36:43N-28:80E, 0.04, h57km, 7km,
Error ellipse: s-maj=6.1km s-min=4.7km az=146.3

ATH 17 03:21:51.2, 36:42N-28:81E, h52km, 7km, MD3.1/8
CSEM 17 03:21:52.0, 0.2, 36:43N-28:82E, h49km, 4km, MD2.8,
Error ellipse: s-maj=4.8km s-min=3.5km az=148.0

ISK 17 03:21:55.3, 36:98N-29:07E, h9km, MD3.8
ISC 17 03:21:52.1, 36:43N-28:82E, 0.03, h50km, 9km,
n44, c083/67, Dodecanese Islands

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

MAN 17 03:10:11.4, 62N:125:97E, h33km, mb4.7, ML3.6, MS3.6,
1D, Tale Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like GSPH General Santos, MATI Mati, BUKP Magsaysay, etc.

17 03:16:36.2, 3.4, 17:37S-167:96E, h0km, mb4.1/3,
mb1 4.3/4, mb1mx3.8/42 mbtmp4.1/4, ML1.0, MS3.5/1,
Ms1 3.5/1, ms1mx2.7/23, Error ellipse: s-maj=76.7km
s-min=37.9km az=105.0

ISCJB 17 03:16:39.2, 1.1, 17:65S:0:08-167:9E:0.2, h27km,
mb4.1/3, MS3.4/1, Error ellipse: s-maj=30.0km
s-min=10.4km az=8.7

ISC 17 03:16:40.1, 1.6, 17:6S:0:1x168:0E:0.3, h27km, n10,
c112/11, mb4.3/3, Vanuatu Islands

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

MOS 17 03:22:45.6:0.9, 5:26S:80:06W, h33km, mb5.4/4.5, Error
ellipse: s-maj=15.8km s-min=5.9km az=113.9

ISCJB 17 03:22:49.1:0.2, 5:32S:0:04-80:02W:0.03, h65km,
mb5.0/184, Error ellipse: s-maj=6.0km s-min=3.6km
az=40.9

NEIC 17 03:22:50.8:0.2, 5:32S:80:00W, mb5.2/163, MD5.1 (IGQ),
Error ellipse: s-maj=5.4km s-min=3.8km az=54.0

NEIC Feat [V] at Oimos; [IV] at Chulucanas, Huancabamba and
Sechura; [III] at Chiclayo and Piura. Also felt in Loja,
Ecuador.

17 03:22:50.6:0.6, 5:29S:80:13W, h62km, 4km, mb4.5/19,
mb1 4.6/22, mb1mx4.5/35, mbtmp4.8/22, MS4.0/13,
Ms1 4.0/13, ms1mx3.8/22, Error ellipse: s-maj=15.9km
s-min=10.5km az=63.0

BUI 17 03:22:51.2, 5:40S:80:00W, h66km, mb5.1/12, Ms5.3/10,
Ms7.4/9

ISC 17 03:22:50.7:0.4, 5:39S:0:05-80:04W:0:07, h69km, 2km,
h68km:pp-P, n778, c1903/837, mb5.2/187, 3C, 4D, Near
coast of northern Peru

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ATAH Atahualpa, ATAH Atahualpa, OTAV Otavalo, etc.

IDC 17 03:10:50.6:2.2, 6:46S:149:66E, h0km, mb3.5/3,
mb1 3.9/4, mb1mx3.5/39, mbtmp3.6/4, ML1.7/1, Error
ellipse: s-maj=125.9km s-min=27.7km az=124.0, New
Britain region

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

WEL 17 03:21:36.0:0.3, 36:78S-177:50E, h153km, 2km, ML3.9/8,
1C, Error ellipse: s-maj=2.6km s-min=2.3km az=0.0, Off
east coast of North Island

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like HAZ The Kaha, HAZ Matakaoa Point, WMGZ Waioamatini S, etc.

ISCJB 17 03:15:25.0:0.6, 39:30N:0:02-24:00E:0:03, h12km, 4km,
Error ellipse: s-maj=4.0km s-min=2.7km az=12.9

THE 17 03:15:25.8, 39:29N:24:01E, h12km, ML2.1/13, Error
ellipse: s-maj=0.9km s-min=0.4km az=272.0

CSEM 17 03:15:25.3:0.1, 39:29N:24:03E, h15km, ML2.1, Error
ellipse: s-maj=2.3km s-min=2.4km az=99.0

ATH 17 03:15:25.8, 39:29N:23:99E, h39km, 1km, MD2.7/15
ISC 17 03:15:25.4:0.9, 39:29N:0:02-24:03E:0:02, h12km, 6km,
n54, c0641/97, Aegean Sea

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

Code Station Name Az Phase ID Time Res
h m s ISC

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ATAH Atahualpa, ATAH Atahualpa, OTAV Otavalo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ILA Ilan, TWC Suao, TWC baz=187, TWA1 Samiao Chiao, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DJA 17 03:38:15.0, MPSI Mapaga, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AKHS Akhisar, DEMI Demirci, DURS Dursunbey, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CSEM 17 03:46:40.9, DDA 17 03:46:40.9, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CBJJ Chichijima, JHHJ Haha-jima-NKT, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like USRK Ussuriysk Ar., MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MEX 17 04:17:24.0, CAIG El Cayaco, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WEL 17 05:02:10.0, URZ Urewera, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WHF Hehuan Shan, JYNG Yonagunijimaku, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ALS Alishan, CHNS Tsauling, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IRIF Iriomote-Funau, ELDTF Lidau, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HTAJ Hateruma jima, JKRS Kuro-shima, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MEX 17 05:07:12.6, ZIIG Zhihutanejo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CSEM 17 05:17:10.0, CBJJ Chichijima, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JHU Hanno, MJAR Matsushiro Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SJA 17 05:25:41.7, GUC 17 05:25:43.7, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SAN Santiago, SAN Col Las Americ, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SIGU 17 05:32:39.6, CSEM 17 05:32:42.0, etc.

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BMR Baia Mare, BMR Baia Mare, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SGS 17 05:46:01.5, ISCJB 17 05:46:03.0, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Hajjah, Baljureshi, SANA, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SKO, SKO, Valandovo, etc.

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

Table with columns: WHO, Vista Hermosa, 1.48 56 eP, Pn, 06 56 24.4 -1.6, baz=321, NWF, baz=321, eS, Sb, 07 38 17.1 +1.3, etc.

Table with columns: TWA, Yulu, 1.22 321 eS, Pn, 07 38 17.1 +0.6, TWF1, Mucha, 1.23 237 eP, Sb, 07 37 59.7 -0.9, etc.

Table with columns: ANTU, comp=N, 12qum, 0.5s, AML, AML, 07 54 00.7, PCH, Pirque, 1.48 51 eP, Pn, 07 53 39.2 -1.0, etc.

Table with columns: KRSC 17 06:56:34.8, 0.8, 51.19N, 157.02E, h100km, gkm, ML3.5, Near east coast of Kamchatka Peninsula

Table with columns: PRU 17 07:38:18.3, 50.32N, 19.26E, h0km, Poland, Code, Station Name, Az, AZ, Phase ID, Time, Res

Table with columns: BEO 17 07:39:19.6, 0.5, 46.01N, 22.89E, h0km, 4km, ML1.9/6, BUC 17 07:39:19.1, 0.4, 45.98N, 22.82E, h10km, 3km, MD2.4/3, Error ellipse: s-maj=4.4km s-min=3.4km az=74.0, CSEM 17 07:39:19.6, 0.1, 46.00N, 22.83E, h3km, 1km, ML1.9, etc.

Table with columns: AUSA, Uspallata, 3.13 43 iP, Sg, 07 54 07.4 -1.7, AUSA, Salagasta, 3.22 53 eP, Pn, 07 54 08.7 -1.7, etc.

Table with columns: IDC 17 07:05:42.7, 2.0, 5.78S, 150.98E, h0km, mb3.6/3, mb1 4.0/3, mb1mx3.6/36, mbtmp3.7/3, Error ellipse: s-maj=123.7km s-min=29.4km az=125.0, New Britain region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, PAU, Pauzhetka, 0.30 335 eP, Pn, 06 56 50.5 +1.1, SKR, Severo-Kuril's, 0.76 229 eP, Pn, 06 56 53.3 +0.5, etc.

Table with columns: ISCJB 17 08:20:15.7, 0.6, 37.70N, 0.04, 139.10E, 0.08, h163km, 4km, mb3.7/3, Error ellipse: s-maj=10.5km s-min=6.6km az=23.5

Table with columns: WRA, Warramunga Arr, 21.45 227 P, P, 07 10 32.9 +0.1, ASAR, Alice Springs, 24.22 221 P, P, 07 11 01.3 -0.1, ILAR, Eielson Array, 83.75 22 P, P, 07 18 13.0 -0.4, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, MDB, Medias, 1.09 82 S, Sb, 07 39 55.9 +0.1, MDB, Medias, 1.09 82 S, Sb, 07 39 55.9 +0.1, etc.

Table with columns: IDC 17 07:09:56.9, 3.4, 17.51S, 167.68E, h0km, mb4.1/4, mb1 4.2/5, mb1mx3.8/36, mbtmp4.0/5, ML3.5/1, MS3.1/2, MS1 3.1/2, ms1mx2.7/22, Error ellipse: s-maj=74.0km s-min=36.4km az=101.0, Vanuatu Islands

Table with columns: DZM, Mont Dzumac, 4.69 194 Pn, P, 07 11 07.9 -1.2, DZM, 2.1nm, 0.3s, baz=358, slow=6.8, SNR=21, HNR, Honiara, 10.99 316 LR, LR, 07 16 22.3, RAO, Raoul Island, 17.63 134 LR, LR, 07 18 28.0, STKA, Stephens Creek, 27.59 234 P, P, 07 15 46.8 +0.8, WRA, Warramunga Arr, 31.84 260 P, P, 07 16 21.7 -0.4, ASAR, Alice Springs, 32.15 253 P, P, 07 16 26.2 -0.4, SONMI, Songoing Array, 84.95 324 P, P, 07 22 34.3 +0.1, etc.

Table with columns: SJA 17 07:53:05.5, 1.0, 35.13S, 72.55W, h33km, ML4.2, IDC 17 07:53:11.8, 2.1, 34.78S, 71.78W, h0km, mb3.8/4, mb1 3.4/6, mb1mx3.8/24, mbtmp3.6/7, ML3.6/3, MS3.1/2, MS1 3.1/2, ms1mx2.8/17, Error ellipse: s-maj=52.3km s-min=29.3km az=160.0, etc.

Table with columns: IDC 17 08:20:15.2, 2.8, 37.52N, 139.42E, h169km, 23km, mb3.4/3, mb1 3.4/6, mb1mx3.1/39, mbtmp4.0/6, Error ellipse: s-maj=54.6km s-min=14.9km az=54.0, JMA 17 08:20:16.7, 0.1, 37.69N, 139.13E, h157km, 1km, M3.0, ISC 17 08:20:16.3, 0.9, 37.65N, 139.16E, 0.06, h163km, 6km, n25, 0.88/36, mb3.7/3, Eastern Honshu

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, JNS, Sasagawa, 0.21 37 P, Pn, 08 20 37.6 -0.6, JNS, 0.21 37 S, S, 08 20 53.7 -1.3, JIZZ, Izumozaki, 0.38 252 P, S, 08 20 39.0 -0.4, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, JAG, Matushiro, 1.25 169 S, S, 08 21 05.9 +0.2, JAG, Matushiro, 1.34 215 P, S, 08 20 45.6 +0.2, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, U65B, Hualaeo, 0.41 168 eP, Sg, 07 53 21.3 +0.8, U65B, 0.41 168 eP, Sg, 07 53 21.3 +0.8, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, JAG, Matushiro, 1.25 169 S, S, 08 21 05.9 +0.2, JAG, Matushiro, 1.34 215 P, S, 08 20 45.6 +0.2, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, JNS, Sasagawa, 0.21 37 P, Pn, 08 20 37.6 -0.6, JNS, 0.21 37 S, S, 08 20 53.7 -1.3, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, JNS, Sasagawa, 0.21 37 P, Pn, 08 20 37.6 -0.6, JNS, 0.21 37 S, S, 08 20 53.7 -1.3, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, JNS, Sasagawa, 0.21 37 P, Pn, 08 20 37.6 -0.6, JNS, 0.21 37 S, S, 08 20 53.7 -1.3, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, JNS, Sasagawa, 0.21 37 P, Pn, 08 20 37.6 -0.6, JNS, 0.21 37 S, S, 08 20 53.7 -1.3, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, JNS, Sasagawa, 0.21 37 P, Pn, 08 20 37.6 -0.6, JNS, 0.21 37 S, S, 08 20 53.7 -1.3, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, JNS, Sasagawa, 0.21 37 P, Pn, 08 20 37.6 -0.6, JNS, 0.21 37 S, S, 08 20 53.7 -1.3, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DDA 17 08:31:44.7, 36:29N, 36:29E, h7km, MD3.3, ISJCJB 17 08:31:45.6, 0.6, 36:21N, 0.02, 36:35E, 0.05, h12km, 4km, Error ellipse: s-maj=6.6km s-min=3.2km az=6.7.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDC 17 08:42:03.7, 0.8, 36:85N, 72:42E, h0km, mb4.1/1.6, mb1.4/2.2, mb1mx0.6/3, mbtmp4.1/2, ML3.6/6, MS3.1/5, Ms1.3/1.5, ms1mx2.8/4.0, Error ellipse: s-maj=19.0km s-min=15.1km az=9.0.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MK31 comp=Z,2.0nm,0.6s pmax pmax, MKAR Makanchi Array 12.29 34 Pn Pn 08 45 02.3 -0.7, MKAR Makanchi Array 12.29 34 eP Pn 08 45 05.4 +2.4.

IDC 17 08:34:55.4, 2.0, 52:97N, 173:18W, h0km, mb3.3/2, mb1.3/1.3, mb1mx3.3/2, mbtmp3.3/3, ML2.9/1, MS3.0/3, Ms1.3/1.3, ms1mx2.8/2.3, Error ellipse: s-maj=386.5km s-min=75.3km az=89.0.

NEIC 17 08:35:06.4, 52:46N, 170:11W, h5km, ML3.2(AEIC), After AEIC.

ISC 17 08:35:07.1, 9.5, 52:82N, 0.3, 170:30W, 0.10, h6km, 15km, n22, 0:54/23, Fox Islands.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NIKH Nikolski High 0.90 77 Op Pn 08 35 23.8 -0.5, OKSO Okmok South 1.42 65 S Pn 08 35 32.7 -0.7, OKAK Okmok 1.42 55 P Pn 08 35 52.4 +0.1.

IDC 17 08:42:03.7, 0.8, 36:85N, 72:42E, h0km, mb4.1/1.6, mb1.4/2.2, mb1mx0.6/3, mbtmp4.1/2, ML3.6/6, MS3.1/5, Ms1.3/1.5, ms1mx2.8/4.0, Error ellipse: s-maj=19.0km s-min=15.1km az=9.0.

NEIC 17 08:42:12.4, 1.6, 36:98N, 72:54E, h52km, mb3.6/3, ML4.1/2, NNC 17 08:42:12.4, 1.6, 37:32N, 72:28E, h0km, mb4.6, mpv4.3, Error ellipse: s-maj=15.3km s-min=9.0km az=156.0.

ISC 17 08:42:10.8, 0.5, 36:98N, 0.05, 72:33E, 0.05, h50km, n105, 0:165/102, mb4.0/19, 13C-12D, Afghanistan-Tajikistan border region.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CEP Cherat 3.16 187 Op Pn 08 43 00.0 +1.5, SFK Sufi-Kurgan 3.17 17 Pn Pn 08 43 00.8 +2.4, SFK Sufi-Kurgan 164nm,0.8s pmax pmax.

IDC 17 08:46:35.0, 2.4, 54:16N, 86:36E, h0km, mb1.3/4/2, mb1mx3.1/5.3, mbtmp3.4/2, ML3.2/2, Error ellipse: s-maj=19.9km s-min=11.7km az=59.0, Southwestern Siberia.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like I46RU ZALESOVO INFRA 0.94 257 I Op ISC 08 52 30.0, ZALV Zalesovo Array 0.94 257 P Pn 08 46 51.4 -1.6, ZALV Zalesovo Array 0.94 257 P Pn 08 47 06.6.

IDC 17 08:40:56.6, 3.9, 7:11S, 150:91E, h0km, mb3.4/2, mb1.3/8/2, mb1mx3.4/3.8, mbtmp3.5/2, Error ellipse: s-maj=137.4km s-min=5.1km az=120.0, New Britain region.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr 20.52 230 P Pn 08 45 36.8 +0.1, ASAR Alice Springs 23.18 223 P Pn 08 46 04.4 -0.7, TORD Torodi Arr 149.12 284 PKPbc PKPbc 08 44 28.5 +1.6.

IDC 17 08:48:38.4, 3.1, 37:65N, 71:93E, h0km, mb3.5, mpv3.1, 7C-2D, Error ellipse: s-maj=38.6km s-min=9.9km az=156.0, Afghanistan-Tajikistan border region.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr 20.52 230 P Pn 08 45 36.8 +0.1, ASAR Alice Springs 23.18 223 P Pn 08 46 04.4 -0.7, TORD Torodi Arr 149.12 284 PKPbc PKPbc 08 44 28.5 +1.6.

IDC 17 08:48:38.4, 3.1, 37:65N, 71:93E, h0km, mb3.5, mpv3.1, 7C-2D, Error ellipse: s-maj=38.6km s-min=9.9km az=156.0, Afghanistan-Tajikistan border region.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr 20.52 230 P Pn 08 45 36.8 +0.1, ASAR Alice Springs 23.18 223 P Pn 08 46 04.4 -0.7, TORD Torodi Arr 149.12 284 PKPbc PKPbc 08 44 28.5 +1.6.

17d 10h

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

IDC 17 08:53:46.4.3.0.53.54N-87.81E, h0km, mb1 3.4/2, mb1mx3.1/39, mbtmp3.4/2, ML2.2, Error ellipse: s-maj=27.7km s-min=16.0km az=56.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include I46RU, ZALV, ZALV, KURBB, KURBB, MKAR, MKAR, MKAR.

IDC 17 08:58:09.3.1.6.6.90S-150.62E, h0km, mb3.6/4, mb1 3.9/4, mb1mx3.6/24, mbtmp3.7/4, Error ellipse: s-maj=80.5km s-min=27.3km az=121.0, New Britain region

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

IDC 17 09:04:07.1.3.5.6.99S-151.08E, h0km, mb3.2/2, mb1 3.8/3, mb1mx3.5/19, mbtmp3.7/3, ML3.6/1, Error ellipse: s-maj=67.8km s-min=47.2km az=94.0, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include JAY, WRA, ASAR, TORO, TORO.

IDC 17 09:21:59.6.2.1.6.93S-150.81E, h0km, mb3.3/3, mb1 3.7/3, mb1mx3.4/28, mbtmp3.3/3, Error ellipse: s-maj=131.2km s-min=28.4km az=127.0, New Britain region

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

TAP 17 09:22:16.1, 22.03N:120.46E, h58km, 1km, ML2.8, 2D, D, Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include HEN, HEN, TWK1, TWK1, TWP, TWP, SCZT, SCZT, TSEB, TSEB, EAST, EAST, KAU, KAU, SSD, SSD.

DJA 17 09:27:00.9.1.0.8.7S:4.10.7E, h13km, 8km, M4.4/19, mb4.5/3, MLV4.4/19

ISCJB 17 09:27:01.3.0.7.1.8.17S:0.06:107.39E:0.05, h2km, mb3.8/6, Error ellipse: s-maj=10.2km s-min=6.1km az=35.4

IDC 17 09:27:06.2.0.2.7.78S:107.58E, h100km, 13km, mb3.5/6, mb1 3.7/6, mb1mx3.3/38, mbtmp3.9/6, MS3.3/3, Ms1 3.3/3, ms1mx2.8/29, Error ellipse: s-maj=52.1km s-min=16.0km az=54.0

ISC 17 09:27:02.0.0.7.8.09S:108.107.38E:0.06, h62km, n35, r157/29, mb3.8/6, Jawa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CISI, CISI, CNJI, CMJI, LEM, LEM, LEM, SKJI, TNG, CBJI, SBJI, UGAM, SMRI, KASI, PWJI, MDSI, TPI.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include JAGI, KAPI, KAPI, H01W1, H01W2, CMAR, WRA, ASAR, H08S2, H08S3, H08S1, H08N1, H08N2, H08N3, STKA, SONM, SONM, SONM, MKAR, BRTR, TXAR, BDFB.

IGQ 17 09:31:09.0.6.1.2.9S:77.61W, h4km, 25km, Mb4.0, Error ellipse: s-maj=3.7km s-min=2.4km az=223.4

ISCJB 17 09:31:10.8.0.0.5.1.35S:0.04:77.40W:0.0, h200km, mb3.3/5, Error ellipse: s-maj=10.9km s-min=6.0km az=169.2

IDC 17 09:31:19.4.4.2.2.08S:78.28W, h307km, 51km, mb2.9/5, mb1 3.3/8, mb1mx3.2/22, mbtmp3.8/8, Error ellipse: s-maj=78.3km s-min=16.2km az=47.0

ISC 17 09:31:09.7.0.8.1.32S:106.77.4W:0.1, h200km, n51, r154/49, mb3.2/5, 7C-6D, Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BRUN, BULB, BULB, PISA, RUNS, BPAT, BPAT, RETU, ARRY, JUIVE, BMAS, BBIL, ANTI, COV1, TAMB, BTM1, MOV1, BV2C, LAV4, LAV4, VCI, BREF, CONE, VNE, BNAS, IGUA, NAS2, CAMI, PITA, RIOE, PAST, CAYR, CAYA, GGP, TERV, PINO, YANA, YANA, URCU, LITE, MAGI, MAGI, PEV, CHIS, ATAH, ATAH, NNA, NNA, LPAZ, SIV, CPUP, TXAR, LITE, ILAR, WRA.

ISC 17 09:37:18.9.1.0.12.73N:141.51E, h0km, mb3.9/6, mb1 4.1/6, mb1mx3.7/6, mbtmp3.9/6, Error ellipse: s-maj=11.4km s-min=7.6km az=91.0

ISCJB 17 09:37:22.3.1.0.12.7N:0.2.141.4E:0.3, h33km, mb3.8/6, Error ellipse: s-maj=40.0km s-min=25.3km az=2.6

ISC 17 09:37:24.0.1.0.12.7N:0.2.141.5E:0.3, h33km, n6, r054/7, mb3.7/6, South of Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA, WRA, WRA, MKAR, BVAR, ILAR, ILAR, ILAR, FINES.

DJA 17 09:44:10.4.1.2.7.5S:6.10.2E, h10km, M4.5/10, mb4.7/3, mb5.1/1, MLV4.4/10, Mw(m)B4.5/1

IDC 17 09:44:14.6.2.2.6.44S:102.62E, h0km, mb4.0/6, mb1 4.1/7, mb1mx3.7/38, mbtmp4.0/7, ML3.7/1, Error ellipse: s-maj=79.6km s-min=19.2km az=54.0

ISC 17 09:44:18.0.1.2.6.45S:0.1.102.6E:0.1, h24km, n24, r159/17, mb4.1/6, Southwest of Sumatra

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include LWLI, MNAI, KASI, MEUR, LHSI, KLI, KSI, CNJI, LEM, LEM, LEM, CMJI, CMAR, H08S2, H08S3, H08S1, H01W3, H01W2, H01W1, WRA, ASAR, STKA, SONM, SONM, TXAR, Lajitas Array.

IDC 17 09:45:49.4.6.4.24.60S:178.75E, h524km, 38km, mb3.1/3, mb1 3.2/4, mb1mx2.9/23, mbtmp4.0/4, Error ellipse: s-maj=108.8km s-min=50.8km az=140.0, South of Fiji Islands

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

ISCJB 17 10:08:34.5.0.7.12.2N:0.1.141.5E:0.1, h51km, mb3.8/8, Error ellipse: s-maj=17.4km s-min=14.9km az=20.5

IDC 17 10:08:36.3.3.12.17N:141.48E, h49km, 34km, mb3.6/8, mb1 3.8/8, mb1mx3.6/24, mbtmp3.8/8, ML4.4/1, Error ellipse: s-maj=27.7km s-min=16.7km az=85.0

ISC 17 10:08:36.4.0.8.12.2N:0.1.141.5E:0.1, h51km, n10, r053/11, mb3.9/8, South of Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include GUMO, WRA, ASAR, ASAR, CMAR, STKA, SONM, MKAR, ZALV, ILAR, LPAZ.

KRSC 17 10:28:23.2.1.3.55.44N:166.07E, h40km, 12km, ML3.7, Komandorsky Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BKI, KBTR, MKZ, MKZ, SMKR, BDR, KZV, KZV, KMNR, TUMR, TUMR, ESO, SPN, NLC, NLC, SMAR, KRER, UGLR, AVH, KRX, KOK, PET, PET, GNL, RUS, RUS, ASAK.

IDC 17 10:43:51.6.0.5.29.79S:177.04W, h0km, mb4.7/20, mb1 4.8/20, mb1mx4.8/20, mbtmp4.7/20, MS4.5/16, Ms1 4.5/16, ms1mx4.4/22, Error ellipse: s-maj=16.5km s-min=13.5km az=40.0

ISCJB 17 10:43:54.1.0.1.30.21S:0.03:177.27W:0.04, h24km, mb5.1/92, MS4.6/20, Error ellipse: s-maj=5.7km s-min=2.8km az=32.6

BUI 17 10:43:56.4.29.74S:176.90W, h36km, mb5.3/30, mb5.5/25, MS5.0/24, MS7.4/23

MOS 17 10:43:56.3.1.10.29.89S:177.28W, h33km, mb5.4/29, MS4.5/8, Error ellipse: s-maj=11.3km s-min=9.7km az=88.3

GCMT 17 10:43:57.0.2.29.85S:176.76W, h19km, MW5.3/85, Moment Tensor Solution. s61,c94; s85,c147; Duration: 1s0 Moment tensor: Scale 1017Nm; Mw=0.62; Ms=0.09; M0=0.67; M1=0.07; M2=0.32; M3=0.21; M4=0.04; Best double couple: Mw=0.08900; NP1: 36.00000; 364.00000; 1.73.00000; NP2: 22.21.00000; 331.00000; 1.121.00000; Principal axes: P1: 1.0030; Png7: 0.0000; Azm245.0000; N= -0.0270; Dip15.0000; Azm14.0000; P= 0.9700; Png7: 0.0000; Dip19.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 17 10:43:57.5.0.2.30.04S:177.23W, h35km, mb5.2/69, Error ellipse: s-maj=7.7km s-min=4.5km az=143.0

ISC 17 10:43:56.5.0.3.30.13S:0.04:177.23W:0.05, h24km,

ISCJB 17 10:47:04.5:0.7, 54.58N, 0102.162E, 0105, h29km, 5km, mb3.8/7, Error ellipse: s-maj=5.2km s-min=2.9km az=23.1
 MOS 17 10:47:05.4:0.6, 54.60N, 162.19E, h41km, mb4.1/6, Error ellipse: s-maj=11.6km s-min=7.1km az=80.6
 IDC 17 10:47:07.4:3.2, 54.81N, 161.84E, h44km, 31km, mb3.6/7, mb1 3.8/8, mb1mx3.4/29, mbtmp3.8/8, ML2, 3/1, Error ellipse: s-maj=31.3km s-min=19.3km az=124.0
 ISC 17 10:47:05.0:1.1, 54.60N, 0103.162E, 0104, h25km, 8km, n72, c098/112, mb3.8/7, Near east coast of Kamchatka

Peninsula		Code	Station Name	Δ° AZ°	Phase ID	ISC Op	Time h m s	Res ISC
Code	Station Name							
MKZ	Mys Kozlova	0.30	262	P	S	Pb	10 47 12.0	0.0
MKZ	Mys Kozlova	0.30	262	PN	S	Pb	10 47 16.8	0.0
MKZ	Kyzim	1.24	295	P	P	Pb	10 47 25.6	-1.2
KZY	Kozim	1.24	295	P	P	Pb	10 47 25.6	-1.2
TUMR	Tumrok	1.39	300	S	P	Pn	10 47 28.4	-0.5
TUMR	Tumrok	1.39	300	S	P	Pn	10 47 47.1	+0.6
TUMR	Tumrok	1.39	300	PN	S	Pn	10 47 28.4	-0.5
TUMR	Tumrok	1.39	300	PN	S	Pn	10 47 47.1	+0.6
BZGR	Bezymyanni-Gr	1.61	327	P	P	Pb	10 47 32.1	+1.0
BZGR	Bezymyanni-Gr	1.61	327	PN	S	Pb	10 47 32.1	+1.0
KMNR	Kamenistaya	1.63	316	P	S	Pn	10 47 32.2	0.0
KMNR	Kamenistaya	1.63	316	PN	S	Pn	10 47 53.0	+0.5
KMNR	Kamenistaya	1.63	316	PN	S	Pn	10 47 32.2	0.0
KMNR	Kamenistaya	1.63	316	PN	S	Pn	10 47 53.0	+0.5
ZLN	Zelenaya	1.64	331	P	PN	Pn	10 47 32.9	+0.6
ZLN	Zelenaya	1.64	331	PN	P	Pn	10 47 32.9	+0.6
KBTR	Krutoberegovo	1.65	11	P	S	Pb	10 47 32.9	+0.6
KBTR	Krutoberegovo	1.65	11	PN	S	Pb	10 47 54.8	-0.2
KBTR	Krutoberegovo	1.65	11	PN	S	Pb	10 47 32.9	+0.6
BZWR	Bezymyanni-We	1.69	325	P	S	Pb	10 47 33.6	+0.1
KIL	Karymskiy	1.73	252	P	S	Pn	10 47 55.2	+0.4
KIL	Karymskiy	1.73	252	PN	S	Pn	10 47 33.6	+0.1
KIL	Karymskiy	1.73	252	PN	S	Pn	10 47 55.2	+0.4
KIRR	Klirushv	1.74	322	P	S	Pn	10 47 34.3	+0.6
KIRR	Klirushv	1.74	322	PN	S	Pn	10 47 56.1	+1.5
KLY	Klyuchi	1.94	333	P	S	Pn	10 47 36.2	-0.1
KLY	Klyuchi	1.94	333	PN	S	Pn	10 47 59.0	-0.9
KOZ	Kozyrevsk	1.99	318	P	S	Pn	10 47 37.6	+0.5
KOZ	Kozyrevsk	1.99	318	PN	S	Pn	10 48 01.9	+0.7
KOZ	Kozyrevsk	1.99	318	PN	S	Pn	10 47 37.6	+0.5
KOZ	Kozyrevsk	1.99	318	PN	S	Pn	10 48 01.9	+0.7
SPN	Mys Shipunski	2.00	222	P	S	Pn	10 47 36.7	-0.4
SPN	Mys Shipunski	2.00	222	PN	S	Pn	10 48 00.4	-0.8
SPN	Mys Shipunski	2.00	222	PN	S	Pn	10 47 36.7	-0.4
SPN	Mys Shipunski	2.00	222	PN	S	Pn	10 48 00.4	-0.8
SMKR	Semkarok	2.04	348	P	S	Pn	10 48 00.4	-0.8
SMKR	Semkarok	2.04	348	PN	S	Pn	10 48 03.8	+1.4
SMKR	Semkarok	2.04	348	PN	S	Pn	10 48 00.4	-0.8
SMKR	Semkarok	2.04	348	PN	S	Pn	10 48 03.8	+1.4
BDR	Baidarnaya	2.06	344	P	S	Pn	10 47 39.6	+1.5
BDR	Baidarnaya	2.06	344	PN	S	Pn	10 48 05.2	-1.7
SRKR	Sorokina	2.15	344	P	S	Pn	10 48 06.4	+1.3
SRKR	Sorokina	2.15	344	PN	S	Pn	10 47 40.1	+0.8
SRKR	Sorokina	2.15	344	PN	S	Pn	10 48 06.4	+1.3
SRKR	Sorokina	2.15	344	PN	S	Pn	10 47 40.1	+0.8
NLC	Nalytchevo	2.23	231	P	PN	Pn	10 47 41.0	+0.7
NLC	Nalytchevo	2.23	231	PN	P	Pn	10 47 41.0	+0.7
NLC	Nalytchevo	2.23	231	PN	P	Pn	10 47 41.0	+0.7
NLC	Nalytchevo	2.23	231	PN	P	Pn	10 47 41.0	+0.7
BKI	Bering	2.24	73	P	S	Pn	10 48 07.7	+0.7
SRDR	Sredinnyy	2.24	321	P	S	Pn	10 47 40.6	0.0
SRDR	Sredinnyy	2.24	321	PN	S	Pn	10 48 08.0	+0.5
SRDR	Sredinnyy	2.24	321	PN	S	Pn	10 47 40.6	0.0
SRDR	Sredinnyy	2.24	321	PN	S	Pn	10 48 08.0	+0.5
ESO	Esso	2.42	305	P	S	Pn	10 47 43.1	+0.1
ESO	Esso	2.42	305	PN	S	Pn	10 48 12.3	+0.5
ESO	Esso	2.42	305	PN	S	Pn	10 47 43.1	+0.1
ESO	Esso	2.42	305	PN	S	Pn	10 48 12.3	+0.5
SMAR	Somma	2.43	238	P	S	Pn	10 47 43.2	-0.1
SMAR	Somma	2.43	238	PN	S	Pn	10 48 11.7	-0.7
SMAR	Somma	2.43	238	PN	S	Pn	10 47 43.2	-0.1
SMAR	Somma	2.43	238	PN	S	Pn	10 48 11.7	-0.7
KRER	Koryaskii	2.44	239	P	S	Pn	10 47 43.9	+0.6
KRER	Koryaskii	2.44	239	PN	S	Pn	10 48 12.9	+0.5
KRER	Koryaskii	2.44	239	PN	S	Pn	10 47 43.9	+0.6
KRER	Koryaskii	2.44	239	PN	S	Pn	10 48 12.9	+0.5
UGLR	Uglovaya	2.45	237	P	S	Pn	10 47 44.2	+0.7
UGLR	Uglovaya	2.45	237	PN	S	Pn	10 48 13.8	+1.1
KRX	Arik	2.46	241	P	S	Pn	10 47 44.0	+0.4
KRX	Arik	2.46	241	PN	S	Pn	10 48 13.7	+0.9
KRX	Arik	2.46	241	PN	S	Pn	10 47 44.0	+0.4
KRX	Arik	2.46	241	PN	S	Pn	10 48 13.7	+0.9
AVH	Avacha	2.46	239	P	S	Pn	10 47 44.4	+0.8
AVH	Avacha	2.46	239	PN	S	Pn	10 48 14.2	+1.3
AVH	Avacha	2.46	239	PN	S	Pn	10 47 44.4	+0.8
AVH	Avacha	2.46	239	PN	S	Pn	10 48 14.2	+1.3
KOK	Koryaka	2.50	240	P	S	Pn	10 47 44.8	+0.7
KOK	Koryaka	2.50	240	PN	S	Pn	10 48 14.5	+0.7
KOK	Koryaka	2.50	240	PN	S	Pn	10 47 44.8	+0.7
KOK	Koryaka	2.50	240	PN	S	Pn	10 48 14.5	+0.7
PET	Petropavlovsk	2.65	235	P	S	Pn	10 47 46.4	+0.4
PET	Petropavlovsk	2.65	235	PN	S	Pn	10 48 17.7	+0.4
PET	Petropavlovsk	2.65	235	PN	S	Pn	10 47 46.4	+0.4
PET	Petropavlovsk	2.65	235	PN	S	Pn	10 48 17.7	+0.4
PET	Petropavlovsk	2.65	235	PN	S	Pn	10 47 46.4	+0.4
PET	Petropavlovsk	2.65	235	PN	S	Pn	10 48 17.7	+0.4
GANL	Ganally	2.69	252	P	S	Pn	10 48 20.6	+2.2
GANL	Ganally	2.69	252	PN	S	Pn	10 47 47.6	+0.9
GANL	Ganally	2.69	252	PN	S	Pn	10 48 20.6	+2.2
GANL	Ganally	2.69	252	PN	S	Pn	10 47 47.6	+0.9
PETK	Petropavlovsk	3.08	243	P	S	Pn	10 47 52.7	+0.7
PETK	Petropavlovsk	3.08	243	PN	S	Pn	10 48 26.9	-0.9
PETK	Petropavlovsk	3.08	243	PN	S	Pn	10 47 52.7	+0.7
PETK	Petropavlovsk	3.08	243	PN	S	Pn	10 48 26.9	-0.9
PETK	Petropavlovsk	3.08	243	PN	S	Pn	10 47 52.7	+0.7
PETK	Petropavlovsk	3.08	243	PN	S	Pn	10 48 26.9	-0.9
RUS	Russkaya	3.11	227	P	S	Pn	10 47 53.0	+0.7
RUS	Russkaya	3.11	227	PN	S	Pn	10 48 28.0	0.0
RUS	Russkaya	3.11	227	PN	S	Pn	10 47 53.0	+0.7
RUS	Russkaya	3.11	227	PN	S	Pn	10 48 28.0	0.0
MTRV	Mutnovka	3.22	230	P	S	Pn	10 47 57.1	+3.1
MTRV	Mutnovka	3.22	230	PN	S	Pn	10 48 34.7	+3.1
ASAK	Asacha	3.41	231	P	S	Pn	10 47 58.5	+1.9
OSSR	Ossora	4.65	5	P	S	Pn	10 48 14.8	+0.8
OSSR	Ossora	4.65	5	PN	S	Pn	10 49 08.1	+0.6
ILAR	Eielson Array	26.85	47	P	S	Pn	10 52 43.1	0.0
H11N2	WAKE ISLAND Hy 34.99 172	T	T				11 31 10.7	
H11N3	WAKE ISLAND Hy 35.00 172	T	T				11 31 11.8	
H11N1	WAKE ISLAND Hy 35.01 172	T	T				11 31 12.0	
H11S1	WAKE ISLAND Hy 36.19 173	T	T				11 32 40.9	
H11S3	WAKE ISLAND Hy 36.20 173	T	T				11 32 42.6	
H11S2	WAKE ISLAND Hy 36.20 173	T	T				11 32 41.5	
FINES	FINESS Array B	59.23	337	P	S	Pn	10 57 02.4	-1.1
FINES	FINESS Array B	59.23	337	PN	S	Pn	10 57 02.4	-1.1
FINES	FINESS Array B	59.23	337	PN	S	Pn	10 57 02.4	-1.1
FINES	FINESS Array B	59.23	337	PN	S	Pn	10 57 02.4	-1.1
NOA	NORSAR Array B	62.44	345	P	S	Pn	10 57 22.9	-2.5
NOA	NORSAR Array B	62.44	345	PN	S	Pn	10 57 22.9	-2.5
NOA	NORSAR Array B	62.44	345	PN	S	Pn	10 57 22.9	-2.5
NOA	NORSAR Array B	62.44	345	PN	S	Pn	10 57 22.9	-2.5
HFS	Hagfors	62.89	343	P	S	Pn	10 57 26.0	-2.4
HFS	Hagfors	62.89	343	PN	S	Pn	10 57 26.0	-2.4
HFS	Hagfors	62.89	343	PN	S	Pn	10 57 26.0	-2.4
HFS	Hagfors	62.89	343	PN	S	Pn	10 57 26.0	-2.4
TXAR	Lajitas Array	68.89	69	P	S	Pn	10 58 08.8	+1.2
TXAR	Lajitas Array	68.89	69	PN	S	Pn	10 58 08.8	+1.2
TXAR	Lajitas Array	68.89	69	PN	S	Pn	10 58 08.8	+1.2
TXAR	Lajitas Array	68.89	69	PN	S	Pn	10 58 08.8	+1.2
WRA	Warramunga Arr	77.99	207	P	S	Pn	10 59 00.9	0.0
WRA	Warramunga Arr	77.99	207	PN	S	Pn	10 59 00.9	0.0
WRA	Warramunga Arr	77.99	207	PN	S	Pn	10 59 00.9	0.0
WRA	Warramunga Arr	77.99	207	PN	S	Pn	10 59 00.9	0.0
ASAR	Alice Springs	81.66	206	P	S	Pn	10 59 21.5	+0.8
ASAR	Alice Springs	81.66	206	PN	S	Pn	10 59 21.5	+0.8

ASAR comp=Z,1.0nm,0.7s pmax pmax

JMA 17 10:49:01.4:0.1, 23.51N, 121.42E, h35km, 2km, M3.0
 ISCJB 17 10:49:02.6:0.3, 23.50N, 0102.121E, 0105, h25km, 3km, Error ellipse: s-maj=3.8km s-min=2.5km az=31.9
 TAP 17 10:49:02.6:0.3, 23.50N, 0102.121E, 0105, h25km, ML3.2, C
 ISC 17 10:49:02.4:0.2, 23.51N, 0102.121E, 0102, h27km, 6km, n49, c086/82, 6C-7D, Taiwan

ASAR		Code	Station Name	Δ° AZ°	Phase ID	ISC Op	Time h m s	Res ISC
Code	Station Name							
EHY	Hungye	0.16	270	P	P	Pb	10 49 08.2	+0.3
EHY	Hungye	0.16	270	P	P	Pb	10 49 11.5	-0.2
TFW1	Yuli	0.24	231	P	P	Pb	10 49 09.1	+0.2
TFW1	Yuli	0.24	231	P	P	Pb	10 49 13.2	-0.1
ESL	Shilin	0.31	349	P	P	Pb	10 49 09.9	0.0
ESL	Shilin	0.31	349	P	P	Pb	10 49 14.8	0.0
CHKT	Chengkung	0.42	197	P	P	Pb	10 49 12.2	+0.7
CHKT	Chengkung	0.42	197	P	P	Pb	10 49 19.6	0.0
HWA	Hwaiien	0.48	12	eP	P	Pb	10 49 12.6	+0.2
HWA	Hwaiien	0.48	12	eP	P	Pb	10 49 20.1	-0.8
ELDTW	Lidau	0.55	235	P	P	Pb	10 49 12.9	-0.6
ELDTW	Lidau	0.55	235	P	P	Pb	10 49 19.4	-1.7
TWD	Chiawo	0.58	9	P	P	Pb	10	

comp=Z,189nm,18.2s,baz=302,slow=39
MKAR Makanchi Array 59.34 327 P P 12 24 05.7 +2.0

SJA 17 12:50:49.9.0.7, 331.85S, 73.77W, h33km, ML3.8
IDC 17 12:51:01.1.1.6, 331.92S, 72.00W, h0km, mb3.6/3,
mb1.3/8.4, mb1mx3.7/15, mbtmp3.6/4, ML3.4/1, Error
ellipse: s-maj=68.4km, s-min=31.4km, az=76.0

GUC 17 12:51:01.6.0.5, 33.89S, 72.48W, hgkm, gkm, ML3.8
ISC 17 12:51:00.7.2.3, 33.89S, 0.04, 72.48W, 0.08, h10km, 1.6km,
n30, e144/38, mb3.5/3, 2C-4D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LNV Longovilo, IHA Instituto Hidir, TACH Talagante, etc.

CLCH Cerro Calan 1.69 74 i P Pn 12 51 31.1 +0.7

AUSP Upsallata 3.08 58 i P Pn 12 51 52.7 +0.3

ARCO CERRO ARCO 3.15 72 i P Pn 12 51 55.2 -1.7

AAGR Agrelo 1.55 76 i P Pn 12 51 55.3 -1.7

ASAL Salagasta 3.32 68 i P Pn 12 51 57.3 -2.4

RTLS Leonotto 3.40 83 i P Pn 12 51 57.3 -2.4

RTVC Cerro Valdivia 3.88 60 e P Pn 12 52 03.8 +3.2

AMOG MOGNA 4.47 50 e P Pn 12 52 10.6 +1.8

ACAN Cantantal 4.72 72 e P Pn 12 52 14.4 +2.3

AVFE Valle Fertili 5.34 57 e P Pn 12 52 22.1 +1.6

MFA San Martin 5.55 77 e P Pn 12 52 31.7 +4.0

VCA Vinchina 6.31 37 e P Pn 12 52 35.7 +1.7

ACLC CERRO LA CRUZ 6.48 48 e P Pn 12 52 37.2 +0.8

TCA Tanti 7.12 71 e P Pn 12 52 45.0 0.0

CYA Choya 7.89 48 e P Pn 12 52 54.0 -1.6

FSA Cafayete 9.58 37 e P Pn 12 53 29.8 +1.1

LPAZ La Paz 17.96 14 P P 12 55 12.4 +0.6

SNAA comp=Z,0.1nm,0.3s,baz=187,slow=13,SNR=4.0

Sanae 51.82 58 i P P 13 00 09.1 +0.5

TXAR Lajitas Array 69.46 331 P P 13 02 12.6 +3.2

TORD Torodi Ar. Bea 84.52 70 P P 13 03 34.4 +0.1

IDC 17 12:51:55.3.2.1, 6.70S, 150.53E, h0km, mb3.3/3,
mb1.3/7.3, mb1mx3.4/24, mbtmp3.4/3, MS3.2/1, Ms1.3/2.1,
ms1mx2.5/22, Error ellipse: s-maj=139.5km
s-min=28.1km, az=127.0, New Britain region

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

SKO 17 13:02:03.8, 41.48N, 22.01E, h22km, M1.6, ML1.8
ISCJB 17 13:02:04.7, 0.7, 41.69N, 0.03, 22.30E, 0.08, h15km, 6km,
Error ellipse: s-maj=10.1km, s-min=5.3km, az=165.5

CSEM 17 13:02:05.1, 0.2, 41.66N, 22.32E, h12km, M1.7, Error
ellipse: s-maj=6.2km, s-min=3.0km, az=75.0

BEO 17 13:02:06.0, 0.6, 41.65N, 22.45E, h0km, ML1.7/3
ATH 17 13:02:06.2, 41.61N, 22.36E, h22km, 2km, MD2.9/5
ISC 17 13:02:05.6, 0.1, 41.65N, 0.02, 22.32E, 0.05, h16km, 9km,
n20, e632/35, 4C, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VAY Valandovo, VAY comp=E,108nm,0.2s, VAY comp=N,135nm,0.6s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KNT Kendrikon, SRS Serrai, FNA Florina, etc.

ISCJB 17 13:08:16.4, 0.3, 3.68N, 0.04, 126.95E, 0.05, h46km,
mb4.3/17, MS3.3/9, Error ellipse: s-maj=6.8km
s-min=4.7km, az=154.4
NEIC 17 13:08:16.3, 0.5, 3.72N, 127.21E, h35km, mb4.4/6, Error
ellipse: s-maj=16.6km, s-min=8.3km, az=80.0
DJA 17 13:08:18.0, 0.7, 4.7N, 6.12E, h10km, M4.6/16,
mb4.9/12, mb5.1/8, MLV4.5/14, MLV4.6/16, MW(m)3.4/8
IDC 17 13:08:22.3, 0.5, 3.5, 3.6N, 127.08E, h93km, 35km, mb3.9/12,
mb1.4/0.13, mb1mx3.0/26, mbtmp3.1/13, MS3.3/10,
Ms1.3/3.10, ms1mx3.0/41, Error ellipse: s-maj=26.8km
s-min=13.7km, az=71.0
AUST 17 13:08:24.3, 3.50N, 127.00E, h100km
ISC 17 13:08:18.7, 0.5, 3.74N, 0.06, 126.97E, 0.07, h48km, n59,

1652/57, mb4.5/17, MS3.4/9, Talud Islands

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SGSI Sangihe, TNTI Ternate, TNTI Ternate, etc.

NIED 17 13:09:00, 29.60N, 142.10E, h59km, Mw4.1 Best double
couple: Mo:1.79000e+15, NP1:1.59.00000e+10, 0.00000e+00,
lambda:1.21.00000e+00, NP2:3.08.00000e+08, delta:0.00000e+00.
ISCJB 17 13:09:41.9, 0.3, 29.56N, 0.03, 141.74E, 0.10, h46km,
mb4.2/18, MS2.3/1, Error ellipse: s-maj=12.3km
s-min=2.9km, az=167.8
JMA 17 13:09:41.6, 0.1, 29.61N, 142.09E, h51km, M4.4
NEIC 17 13:09:43.4, 0.2, 29.48N, 141.45E, h32km, 15km, mb4.1/4,
Error ellipse: s-maj=68.5km, s-min=6.7km, az=72.0
IDC 17 13:09:44.0, 2.1, 29.42N, 141.42E, h40km, 19km, mb3.9/14,
mb1.4/1.9, mb1mx3.9/44, mbtmp3.1/19, ML3.5/5, MS2.6/2,
Ms1.2/6.2, ms1mx2.3/48, Error ellipse: s-maj=20.0km
s-min=13.4km, az=77.0
ISC 17 13:09:44.2, 0.5, 29.49N, 0.05, 141.6E, 0.1, h46km, n57,
e128/64, mb4.2/18, Southeast of Honshu

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BSO1 Boso 1, BSO2 Boso 2, BSO3 Boso 3, etc.

ATH 17 13:12:10.1, 40.73N, 27.08E, h36km, 5km, MD2.9/4
ISK 17 13:12:10.1, 40.55N, 26.96E, h8km, MD2.8
THE 17 13:12:11.9, 40.60N, 26.95E, h2km, 1km, ML2.0/4, Error
ellipse: s-maj=1.6km, s-min=0.4km, az=346.0

CSEM 17 13:12:11.7, 0.2, 40.59N, 26.94E, h8km, MD2.8
ISCJB 17 13:12:11.8, 0.5, 40.60N, 0.03, 26.93E, 0.03, h5km, 4km,
Error ellipse: s-maj=4.3km, s-min=3.7km, az=177.3
DDA 17 13:12:12.2, 40.59N, 26.98E, h8km, MD2.8
ISC 17 13:12:12.1, 0.9, 40.59N, 0.02, 26.94E, 0.02, h11km, 7km,
n48, e081/75, Turkey

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

17d 14h

Table with columns: PRK, Paraskevi, 1.44 201 P, Pn, 13 12 37.8 -0.3, etc.

Table with columns: WRA, Warramunga Arr, 20.51 230 P, Pn, 13 29 27.0 -0.1, etc.

IDC 17 13:40:11.4, 1.3, 47.43S, 74.15W, h0km, mb4, 1/4, mb1 4.0/4, mb1mx3.5/36, mbtmp3.7/4, Error ellipse: s-maj=78.7km s-min=26.2km az=121.0, New Britain region

IDC 17 13:40:11.4, 1.3, 47.43S, 74.15W, h0km, mb4, 1/4, mb1 4.0/4, mb1mx3.5/36, mbtmp3.7/4, Error ellipse: s-maj=78.7km s-min=26.2km az=121.0, New Britain region

GUC 17 13:40:13.5, 0.5, 37.105S, 74.11W, h32km, 5km, ML4.5, ISCBJ 17 13:40:15.0, 0.7, 37.225S, 0.07, 74.01W, 0.10, h33km, mb4.2/5, MS3.8/3, Error ellipse: s-maj=13.4km s-min=6.2km az=37.7

NEIC 17 13:40:15.7, 3.5, 37.165S, 73.94W, h22km, 2.2km, mb4.5/2, Error ellipse: s-maj=26.4km s-min=11.1km az=83.0

ISC 17 13:40:17.5, 0.8, 37.195S, 0.08, 73.96W, 0.10, h35km, n28, r122/29, mb4.2/5, MS4.0/3, Near coast of central Chile

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

MEX 17 14:01:49.2, 0.5, 16.21N, 97.95W, h12km, 5km, MD3.8, Oaxaca

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

ISCJB 17 14:22:36.8, 0.5, 37.23N, 0.04, 28.20E, 0.06, h12km, 6km, Error ellipse: s-maj=9.2km s-min=4.9km az=136.5

DDA 17 14:22:36.4, 37.25N, 28.32E, h7km, MD2.6, ISK 17 14:22:36.6, 37.24N, 28.21E, h5km, MD2.7, Error ellipse: s-maj=7.4km s-min=5.7km az=51.0

ISC 17 14:22:36.3, 1.0, 37.27N, 0.03, 28.22E, 0.03, h9km, 8km, n22, r0672/30, Turkey

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

2010 AUG

Table with columns: NIS1, Nisyros Isl., 1.07 232 ePg, Pn, 14 22 57.5 0.0, etc.

DJA 17 14:26:22.0, 0.7, 1.2N, 2.12E, h14km, 6km, M4, 7/17, mb4.8/8, mb5.2/5, ML4.7/17, Mw(mb)4.6/5, ISCBJ 17 14:26:23.1, 0.4, 0.63N, 0.04, 125.47E, 0.03, h73km, mb3.9/7, Error ellipse: s-maj=5.2km s-min=4.0km az=1.7

IDC 17 14:26:24.3, 2.4, 0.66N, 125.47E, h71km, 26km, mb3.7/7, mb1 3.8/9, Error ellipse: s-maj=16.6km s-min=14.6km az=93.0

AUST 17 14:26:27.1, 1.9, 0.08S, 125.54E, h22km, Error ellipse: s-maj=1.6km s-min=0.8km az=3.0

ISC 17 14:26:24.8, 0.7, 0.64N, 0.05, 125.50E, 0.05, h73km, n36, r150/40, mb4.0/7, Northern Molucca Sea

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

IDC 17 14:27:33.0, 1.6, 0.95N, 125.78E, h0km, mb4.0/4, mb1 4.2/5, mb1mx3.7/42, mbtmp4.1/5, ML4.1/1, Error ellipse: s-maj=53.7km s-min=24.6km az=64.0

NEIC 17 14:27:34.5, 1.1, 0.95N, 125.82E, h10km, mb4.3/1, Error ellipse: s-maj=22.3km s-min=16.1km az=53.0

ISCJB 17 14:27:36.4, 1.3, 0.8N, 0.1, 125.4E, 0.1, h35km, mb4.1/5, Error ellipse: s-maj=20.8km s-min=14.2km az=145.6

ISC 17 14:27:38.1, 4.0, 3.0N, 0.1, 125.62E, 0.1, h35km, n6, r157/47, mb4.2/5, Northern Molucca Sea

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

GUC 17 14:30:15.3, 0.8, 34.98S, 72.00W, h29km, 3km, ML3.9, 2C-6D, Near coast of central Chile

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

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

MAN 17 14:32:26, 18.42N, 120.88E, h25km, mb4.7, ML3.6, MS3.5, 2D, Luzon

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

IDC 17 14:43:03.7, 0.6, 53.52N, 164.37W, h0km, mb4.5/26, mb1 4.7/29, mb1mx4.5/42, mbtmp4.5/29, ML4.2/3, MS3.9/16, Ms1 3.9/16, ms1mx3.6/37, Error ellipse: s-maj=18.1km s-min=10.8km az=178.0

MOS 17 14:43:03.9, 1.2, 53.55N, 164.35W, h10km, mb5.0/51, Error ellipse: s-maj=8.9km s-min=6.0km az=101.7

BUI 17 14:43:06.1, 54.06N, 165.16W, h6km, mb4.8/51, mb4.9/32, Ms4.7/26, Ms7.4/3/27

SZGRF 17 14:43:06.4, 52.69N, 163.08W, h33km, mb5.0, South of Alaska

ISCJB 17 14:43:07.0, 4.5, 33.8N, 0.03, 164.34W, 0.03, h38km, 3km, mb4.7/10, MS4.0/23, Error ellipse: s-maj=5.4km

NEIC 17 14:43:09.0, 1.1, 53.50N, 164.34W, h34km, 8km, mb4.6/54, ML4.3(AE/C), Error ellipse: s-maj=5.7km s-min=2.8km az=173.0

ISC 17 14:43:05.6, 0.5, 53.34N, 0.05, 164.31W, 0.03, h15km, 1km, h14km, pp-P, n387, r124/411, mb4.8/108, MS3.9/23, 27C-11D, Unimak Island region

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

IDC 17 14:43:07.0, 4.5, 33.8N, 0.03, 164.34W, 0.03, h38km, 3km, mb4.7/10, MS4.0/23, Error ellipse: s-maj=5.4km

NEIC 17 14:43:09.0, 1.1, 53.50N, 164.34W, h34km, 8km, mb4.6/54, ML4.3(AE/C), Error ellipse: s-maj=5.7km s-min=2.8km az=173.0

ISC 17 14:43:05.6, 0.5, 53.34N, 0.05, 164.31W, 0.03, h15km, 1km, h14km, pp-P, n387, r124/411, mb4.8/108, MS3.9/23, 27C-11D, Unimak Island region

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

INK	Inuvik	20.86	32	eP	P	14 47 44.0	-2.6
PET	Petrovlovsk	22.05	284	eP	P	14 47 59.1	-0.3
PET				eS	S	14 51 51.4	-1.0
PET	comp=Z,21nm,0.7s			pmx	pmx		
PET	comp=Z,300nm,18.0s			MLR	MLR		
PETK	Petrovlovsk	22.58	285	eP	P	14 48 04.5	-0.6
PETK	comp=Z,8.6nm,0.5s,baz=90,slow=12,SNR=31			LR	LR	14 56 43.9	
SKR	Severo-Kuril's	24.29	280	eP	P	14 48 23.5	+1.5
SEY	Seymchan	24.33	310	eP	P	14 48 21.5	-0.8
SEY	comp=Z,4.9nm,0.6s,baz=106,slow=11,SNR=20						
SEY	Seymchan	24.33	310	eP	P	14 48 22.6	+0.3
NLWA	Neilton Lookou	26.20	87	eP	P	14 48 42.2	+2.8
YKA	Yellowknife Ar	27.27	51	eP	P	14 48 48.9	0.0
YKA	Yellowknife Ar	27.27	51	eP	P	14 48 48.9	0.0
YKA	comp=Z,7.0nm,0.8s			pmx	pmx		
G05D	Wamic, OR	28.81	89	P	P	14 49 04.8	+2.0
I04A	Tendick Farm,	28.94	92	P	P	14 49 05.9	+1.9
L02D	Cave Junction,	29.17	96	P	P	14 49 08.0	+1.9
I05D	Terrebonne, OR	29.28	90	P	P	14 49 09.2	+2.1
KHMM	Horse Mountain	29.88	98	eP	P	14 49 14.8	+2.3
YBH	Yreka Blue Hor	29.96	96	eP	P	14 49 15.2	+2.1
YBH	Yreka Blue Hor	29.96	96	eP	P	14 49 14.8	+1.6
YBH	comp=Z,3.0nm,1.0s			pmx	pmx		
YBH	Yreka Blue Hor	29.96	96	eP	P	14 49 14.8	+1.6
M02C	Callahan	30.08	96	P	P	14 49 16.3	+2.0
N02D	Trinity Center	30.43	97	P	P	14 49 19.6	+2.3
M04C	Macdoel	30.45	95	P	P	14 49 19.3	+1.8
WDC	Whiskeytown Da	30.77	97	eP	P	14 49 22.5	+2.3
WDC	Whiskeytown Da	30.77	97	eP	P	14 49 22.5	+2.3
O03D	Paynes Creek	31.39	97	P	P	14 49 27.9	+2.2
WVOR	Wild Horse Val	31.98	91	eP	P	14 49 34.0	+3.0
WVOR	Wild Horse Val	31.98	91	eP	P	14 49 34.0	+3.0
WVOR	comp=Z,8.0nm,0.9s			pmx	pmx		
MFID	Camas Ranch	33.10	87	P	P	14 49 41.9	+1.1
YSS	Yuzh-Sakhalins	33.84	281	eP	P	14 49 46.2	-0.9
HLID	Hailey	33.86	86	eP	P	14 49 48.2	+0.7
WAKR	Walker	33.94	98	eP	P	14 49 50.4	+2.1
BMN	Battle Mountai	34.04	93	eP	P	14 49 50.2	+1.2
BMN	Battle Mountai	34.04	93	eP	P	14 49 50.2	+1.2
NVAR	Mina Array Bea	34.66	97	P	P	14 49 55.8	+1.3
YAK	Yakutsk	34.85	311	eP	P	14 49 53.0	-2.6
YAK	comp=Z,13nm,0.8s			pmx	pmx		
YAK	comp=E,4.0nm,1.0s			pmx	pmx		
YAK	Yakutsk	34.85	311	eP	P	14 49 53.7	-1.9
ELK	Elko	35.03	91	eP	P	14 50 00.1	+2.4
ELK	Elko	35.03	91	eP	P	14 50 00.1	+2.4
ASAJ	Asahikawa	35.46	277	eP	P	14 50 00.6	-0.5
TPH	Tonopah	35.54	96	eP	P	14 50 03.7	+1.6
TPH	comp=Z,6.0nm,1.0s			pmx	pmx		
HVU	Hansel Valley	35.88	87	P	P	14 50 08.0	+3.1
HVU	Hansel Valley	35.88	87	P	P	14 50 08.0	+3.1
CWC	Cottonwood Cre	36.12	99	P	P	14 50 08.9	+1.9
PKM	Peak Mountain	36.16	103	P	P	14 50 09.1	+1.7
GRAC	Grapevine Rang	36.16	98	P	P	14 50 09.5	+2.3
BGU	Big Grassy Mou	36.25	89	eP	P	14 50 10.4	+2.4
R11A	Troy Canyon, C	36.34	94	eP	P	14 50 10.2	+1.3
R11A	Troy Canyon, C	36.34	94	eP	P	14 50 10.3	+1.4
ERM	Erino	36.35	274	eP	P	14 50 08.2	-0.5
ERM	comp=Z,19nm,1.0s			pmx	pmx		
ISA	Isabella	36.41	100	eP	P	14 50 10.4	+1.0
ISA	Isabella	36.41	100	eP	P	14 50 11.1	+1.6
ISA	Isabella	36.41	100	eP	P	14 50 10.4	+1.0
DAC	Darwin (Calif)	36.52	99	eP	P	14 50 12.2	+1.8
DAC	Darwin (Calif)	36.52	99	eP	P	14 50 12.2	+1.8
MPMC	Manual Prospec	36.73	99	P	P	14 50 13.6	+1.3
FURC	Furnace Creek,	36.82	98	P	P	14 50 14.3	+1.5
I19A	Meeteetse	36.82	82	P	P	14 50 13.6	+0.6
LRMC	Laurel Mountai	37.01	100	P	P	14 50 16.3	+1.8
EDW2	Edwards Air Fo	37.24	101	P	P	14 50 18.6	+2.1
HABR	Khabarovsk	37.54	288	eP	P	14 50 17.7	-1.0
HABR	Khabarovsk	37.54	288	eP	P	14 50 20.8	-2.5
HABR	comp=Z,3.3nm,1.0s			eS	S	14 51 43.2	
HABR	comp=Z,3.3nm,1.0s			eS	S	14 52 35.8	
HABR	comp=Z,3.3nm,1.0s			eS	S	14 56 07.2	+0.2
HABR	comp=Z,3.3nm,1.0s			eS	S	14 58 45.3	+0.5
HABR	comp=Z,29nm,1.4s			pmx	pmx	15 00 31.7	
A25A	Svangstu Ranch	37.61	71	P	P	14 50 19.7	+0.3
GSC	Goldstone	37.65	99	eP	P	14 50 21.5	+1.5
GSC	Goldstone	37.65	99	eP	P	14 50 22.1	+2.1
GSC	Goldstone	37.65	99	eP	P	14 50 21.5	+1.5
BFSC	Mount Baldy Ra	37.89	101	P	P	14 50 23.8	+1.8
CCUT	Cedar City	38.19	93	eP	P	14 50 25.9	+1.3
A26A	Wade Farm, Ken	38.24	71	P	P	14 50 24.9	+0.2
MSU	Marysval	38.27	91	eP	P	14 50 26.6	+1.3
MSU	Marysval	38.27	91	eP	P	14 50 26.6	+1.3
A27A	Ledoux Ranch,	38.66	70	P	P	14 50 28.8	+0.6
J22A	Midwest	38.67	81	P	P	14 50 29.4	+0.8

baz=38							
GMFC	Granite Mounta	38.69	99	P	P	14 50 30.3	+1.5
LDFC	Landfair	38.81	98	eP	P	14 50 31.0	+1.2
SRU	San Rafael	38.88	89	eP	P	14 50 31.3	+0.9
SRU	comp=Z,15nm,1.3s			pmx	pmx		
SRU	San Rafael	38.88	89	eP	P	14 50 31.3	+0.9
KLR	Kull'dur	39.02	291	eP	P	14 50 25.8	-5.4
F25A	Bowman	39.02	96	P	P	14 50 31.3	0.0
CLNS	Chui'man	39.02	304	eP	P	14 50 29.5	-1.7
CLNS	comp=Z,14nm,0.9s			pmx	pmx		
CLNS	comp=E,9.0nm,0.9s			pmx	pmx		
CLNS	comp=N,6.0nm,1.0s			MLR	MLR		
CLNS	comp=Z,334nm,16.0s			MLR	MLR		
CLNS	comp=E,291nm,14.0s			MLR	MLR		
CLNS	comp=N,166nm,12.0s			MLR	MLR		
BELC	Belle Mtn, Jos	39.03	100	P	P	14 50 32.1	+0.5
PFO	Pinon Flat Ob	39.04	101	P	P	14 50 32.5	+0.8
A28A	Rude Farm, Bot	39.23	70	P	P	14 50 33.6	+0.5
IRM	Iron Mountain	39.42	99	P	P	14 50 36.9	+2.1
B28A	Dugan Ranch, T	39.42	70	P	P	14 50 34.2	-0.4
F26A	Lodgepole	39.52	75	P	P	14 50 36.2	+0.7
MONP	Monument Peak	39.57	102	P	P	14 50 38.3	+2.1
A29A	Manning Farm,	39.81	69	P	P	14 50 38.0	+0.1
G26A	Maurine	39.87	76	P	P	14 50 38.8	+0.4
PDMCI	Parker Dam,Lak	39.92	98	P	P	14 50 40.8	+1.9
I25A	Rochford	39.94	78	P	P	14 50 38.8	-0.4
Y12C	Blythe	40.08	99	P	P	14 50 42.1	+1.8
MDND	Maddock	40.17	71	P	P	14 50 40.8	0.0
H112Z	WAKE ISLAND Hy	40.22	225	T	T	15 34 20.9	
H112Z	WAKE ISLAND Hy	40.22	225	T	T	15 34 21.4	
H112Z	WAKE ISLAND Hy	40.22	225	T	T	15 34 05.8	
H112Z	WAKE ISLAND Hy	40.22	225	T	T	15 34 05.8	
B30A	Myrick Farm, E	40.57	69	P	P	14 50 43.9	-0.2
F28A	McLaughlin	40.60	74	P	P	14 50 45.2	+0.8
WUAZ	Wupatki	40.74	94	eP	P	14 50 47.6	+1.8
E29A	Napoleon	40.86	72	P	P	14 50 47.2	+0.6
ULM	Lac du Bonnet	40.97	66	P	P	14 50 47.0	-0.4
ULM	comp=N,38nm,18.3s,baz=294,slow=57			LR	LR	15 08 34.2	
ULM	Lac du Bonnet	40.97	66	P	P	14 50 47.0	-0.4
D30A	Buchanan	41.06	71	P	P	14 50 48.3	+0.1
H11S1	WAKE ISLAND Hy	41.39	224	T	T	15 35 50.1	
H11S2	WAKE ISLAND Hy	41.41	224	T	T	15 35 51.1	
H11S3	WAKE ISLAND Hy	41.41	224	T	T	15 35 51.8	
D31A	McClaffin, Tow	41.68	71	P	P	14 50 52.8	-0.4
G30A	Faulkton	41.96	74	P	P	14 50 55.1	-0.5
AGMN	Agassiz Nation	42.03	68	eP	P	14 50 55.6	-0.5
214A	Organ Pipe Nat	42.37	99	P	P	14 51 01.0	+1.9
214A	Organ Pipe Nat	42.37	99	P	P	14 51 04.4	+1.3
SDCO	Great Sand Dun	42.77	87	eP	P	14 51 00.9	+2.3
MJAR	Matsushiro Arr	42.78	271	P	P	14 51 02.2	-0.1
MJAR	comp=Z,2.6nm,0.8s,baz=37,slow=6.8,SNR=8.9			LR	LR	15 06 57.3	
MAJO	Matsushiro	42.78	271	eP	P	14 51 02.4	+0.1
MAJO	comp=Z,18nm,1.0s			pmx	pmx		
MAJO	Matsushiro	42.78	271	eP	P	14 51 02.5	+0.1
MAJO	Matsushiro	42.78	271	eP	P	14 51 01.7	-0.7
MAT	Matsushiro	42.78	271	P	P	14 51 02.8	+0.9
MDJ	MDJ	42.81	286	P	P	14 51 02.8	+0.3
MDJ	MDJ	42.81	286	P	P	14 51 05.9	-1.2
MDJ	MDJ	42.81	286	P	P	14 51 07.3	-1.7
MDJ	MDJ	42.81	286	P	P	14 52 39.5	-2.1
MDJ	MDJ	42.81	286	P	P	14 57 23.8	-2.1
MDJ	MDJ	42.81	286	P	P	15 01 03.1	+0.5
MDJ	comp=Z,8.0nm,0.6s			PMZ	PMZ		
MDJ	comp=Z,50nm,4.5s			LN	LN		
MDJ	comp=Z,130nm,16.3s			LE	LE		
MDJ	comp=Z,140nm,17.9s			LZ	LZ		
MDJ	comp=Z,210nm,18.4s			LZ	LZ		
K30A	Basset	43.15	77	P	P	14 51 05.4	+0.1
H33A	Prehn Over Nor	43.17	73	P	P	14 51 09.0	0.0
BOD	Bodaibo	43.75	310	iP	P	14 51 08.0	-1.9
LAZ	Ladron	44.03	92	eP	P	14 51 14.1	+1.3
ANMO	Albuquerque	44.07	91	P	P	14 51 14.0	+1.0
J34A	George	44.90	74	P	P	14 51 19.7	+0.3
121A	Cookes Peak, D	44.95	94	P	P	14 51 21.5	+1.4
Q30A	Quinter	45.12	82	P	P	14 51 22.0	+0.8
CN2	Changchun	45.68	288	eP	P	14 51 24.4	-1.0
CM2	comp=Z,20nm,0.8s			PMZ	PMZ		
CM2	comp=Z,6.9nm,1.0s			PMZ	PMZ		
MXNT	Cornudas Mount	46.98	93	eP	P	14 51 37.3	+1.5
R34A	Isabella, Hill	47.32	80	P	P	14 51 39.5	+1.0
Q35A	Mercer Eighty,	47.67	79	P	P	14 51 41.7	+0.6
128A	Castleberry Fa	48.06	90	P	P	14 51 44.6	+0.2
T34A	McClaskey Farm	48.21	81	P	P	14 51 45.7	+0.3
S35A	Otter Creek Ra	48.28	80	P	P	14 51 45.7	-0.2
KSR5	Korea Array	48.31	279	P	P	14 51 46.9	+0.8
KSR5	comp=Z,13nm,0.8s,baz=52,slow=7.1,SNR=90			LR	LR	15 12 28.1	
KSR5	Korea Array	48.31	279	P	P	14 51 46.9	+0.8
KSR5	comp=Z,55nm,19.1s,baz=56,slow=38			PMZ	PMZ		
KSR5	comp=Z,13nm,0.8s	</					

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GEYT Alibeck, KBA Koeln, ABTA Abfattersbach, etc.

IDC 17 15:47:24.2-0.4, 31.935x179.94E, h348km, 33km, mb3.7/5, mb1 3.9/6, mb1mx3.4/5, mbtmp4.6/6, Error ellipse: s-maj=38.4km s-min=16.9km az=45.0

AUST 17 15:47:35.6, 32.18S-179.45E, h450km, ISC 17 15:47:33.6-1.1, 32.58Sx0.09-179.3E, 0.1, h400km, n82, e1917/88, mb3.9/5, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists numerous stations including MXZ Matakaoa Point, WMGZ Waionatani S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRKA Warakuma, KDU Kakuu, KNRA Kununura, etc.

IDC 17 15:49:07.3-2.8, 28.46Sx177.42W, h0km, mb3.5/2, mb1 3.8/2, mb1mx3.5/28, mbtmp3.5/2, Error ellipse: s-maj=68.3km s-min=23.5km az=104.0, Kermadec Islands region

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

CSEM 17 15:50:40.9, 45.97N-15.47E, h0km, LJU 17 15:50:40.9, 45.97N-15.47E, h0km, ML0.0, 2D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CESS Cesta pri Krsk, LEGS Legarje, GOLS Golise, etc.

ISCJB 17 15:56:15.0-0.5, 22.78S-0.04-66.45W, h240km, 5km, mb3.9/3, Error ellipse: s-maj=7.5km s-min=5.3km az=34.9

SJA 17 15:56:14.2-0.6, 22.62S-66.24W, h248km, 6km, ML3.0, IDC 17 15:56:15.2-0.9, 22.76S-66.26W, h214km, 11km, mb3.7/3, mb1 3.8/7, mb1mx3.5/18, mbtmp4.1/7, Error ellipse: s-maj=16.9km s-min=15.3km az=163.0

GUC 17 15:56:17.4-0.4, 22.78S-67.05W, h273km, 13km, ML4.8, ISC 17 15:56:15.9-0.8, 22.78S-66.43W, 0.05, h230km, 7km, n24, i151/36, mb4.2/3, Jujuy Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists numerous stations including HJA Humahuaca, YJA Yavi, ZAPL Zapla, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JASL Jaisalmer, BHJU Bhuj, KHEH Khetri, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BISR Bishrah, HOQ Hoqain, DLH Dalhousie, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SMLA Simla, BSM Bisyia, HATD Hatta, Dubai, ASHO Ashiyah, etc.

ISCJB 17 15:59:50.5-0.5, 27.01N-66.93E, h0km, mb4.3/29, mb1 4.4/30, mb1mx4.3/51, mbtmp4.3/30, ML3.7/1, MS3.8/6, Ms1 3.9/6, ms1mx3.3/43, Error ellipse: s-maj=13.1km s-min=11.6km az=10.0

ISCJB 17 15:59:53.8-0.2, 27.03N-67.02E, 0.02, h33km, mb4.5/72, MS3.9/11, Error ellipse: s-maj=3.9km s-min=2.3km az=29.2

TEH 17 15:59:53.3, 27.05N-67.01E, h10km, ML4.7, MOS 17 15:59:54.4, 27.10N-67.06E, h33km, mb4.8/21, Error ellipse: s-maj=7.8km s-min=5.1km az=107.8

BUI 17 15:59:56.5, 27.13N-67.18E, h35km, mb4.7/49, mb4.9/29, Ms4.2/20, Ms7.3/17, NEIC 17 15:59:56.2-0.3, 27.11N-66.99E, h35km, mb4.6/17, Error ellipse: s-maj=7.9km s-min=6.9km az=181.0

ISC 17 15:59:56.0-0.3, 27.02N-0.04-66.99E, 0.03, h35km, h35km: p-P, n225, i1965/259, slow=3.9, SNR=6.2, 26C-19D, Pakistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists numerous stations including IAKL Akhmed, KLRI Kilari, SRSP Sriramsagar, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like FRU, TKM2, BOK, RAMN, SKHT, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like GYA, SKNT, MOS, OBN, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like NB2, NOA, NOA, etc.

ISC/JB 17 16:15:37.9-0.7, 2.28S; 0.07x135.54E; 0.05, h33km, Error ellipse: s-maj=10.0km s-min=6.7km az=158.8

DJA 17 16:15:37.3-0.4, 2.2S; 4.13x13.6E; 1.0, h10km, M/1, mB4.7/1, MLV4.1/3, MLV4.0/8, Mw(mB)4.0/1

AUST 17 16:15:49.5-8.9, 2.37S; 134.56E, h161km, Error ellipse: s-maj=6.8km s-min=1.9km az=238.0

ISC 17 16:15:39.3-0.1, 2.15S; 0.08x135.57E; 0.05, h35km, n11, r1949/13, Irian Jaya region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like BAKI, RKPI, SMPI, etc.

KRNET 17 16:18:44.0-4.1, 41.00N; 71.53E, h14km, mb2.5

ISC 17 16:18:44.9-1.4, 40.98N; 0.04x71.53E; 0.06, h9km; 13km, n8, o069/16, 9C-3D, Tajikistan

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like FRG, BTK, BTK, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KTK1 Kautokeino, BURU Burvik, ARAO ARCESS Array S, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KRSK Kamchatka Peninsula, TUMR Tumrok, etc.

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like LSA Lhasa, UNV Unalakula Valle, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KKR Kurukshetra, CHCP Chirah Chowk, etc.

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like HYBB comp=Z,21nm,0.8s, HYBB eSn, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like GEYT Alibeck, GEYT comp=Z,0.1nm,0.3s, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like RCLA Racherla, RCLA comp=Z,16nm,0.8s, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CMHI Chienhai, CMHI comp=Z,180nm,0.8s, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ARCS ARCESS Array B, ARCS comp=Z,2.2nm,0.8s, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WRAB, ASAR, YKA, BOS, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MEX, PNIG, VHO, etc.

ISCJB 17 18:41:27.0, 6.6, 89N:0.06:73:04W:0.07, h161km, mb3.7/3, Error ellipse: s-maj=11.8km s-min=5.9km

FUNV 17 18:41:28.6, 6.7, 74N:0.08:73:09W, h158km, MW3.4, IDC 17 18:41:28.3, 4.2, 6.7, 72N:72:97W, h166km, 28km, mb3.4/3, mb1.3/8.4, mb1mx3.1/32, mbtmp4.0/4, MS3.2/2, Ms1.3/4.2, ms1mx2.5/20, Error ellipse: s-maj=72.4km s-min=23.8km az=87.0

ISC 17 18:41:28.2, 0.9, 6, 85N:0.08:73:00W:0.08, h161km, n24, c0872/27, mb4.0/3, 7C, Northern Colombia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CAPV, ROSC, VIGV, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TXAR, ULM, YKA, etc.

TAP 17 18:42:00.9, 24.8, 83N:122:12E, h12km, 1km, ML2.8, D JMA 17 18:42:02.0, 1.1, 24.7, 74N:122:13E, h40km, M1.9

ISC 17 18:42:01.4, 1.1, 24.8, 75N:122:15E:0.03, h18km, 3km, n31, c0572/53, 1D, Taiwan region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like EGS, TWB1, TWC, etc.

Table with columns: SMLT, TYC, IRIF, etc. Includes station names and coordinates.

NNC 17 19:02:15.1, 8.6, 37, 77N:71:49E, h0km, mb3.6, mpv3.2, 3C-4D, Error ellipse: s-maj=80.4km s-min=26.1km az=164.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DZET, SFK, MNAS, etc.

ISC 17 19:03:56.8, 0.6, 41.2, 24N:0.03:43:96E:0.03, h6km, 4km, Error ellipse: s-maj=5.7km s-min=3.2km az=150.7

TIF 17 19:03:56.7, 41.2, 28N:43:97E, h14km CSEM 17 19:03:56.7, 0.2, 41.2, 23N:43:97E, h5km, MD2.8, Error ellipse: s-maj=4.7km s-min=2.6km az=153.0

ISK 17 19:03:57.6, 41.6, 3N:43:80E, h5km, MD2.8 DDA 17 19:03:57.7, 41.2, 23N:43:82E, h0km, MD2.8

ISC 17 19:03:58.1, 0.1, 41.2, 26N:0.03:43:97E:0.02, h8km, 8km, n31, c0565/62, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KZR, AKH, etc.

IDC 17 19:14:03.8, 2.8, 4.1, 3S:101:11E, h0km, mb3.8/7, mb1.3/9.7, mb1mx3.5/50, mbtmp3.8/7, Error ellipse: s-maj=120.1km s-min=18.2km az=55.0

ISC 17 19:14:09.2, 3.4, 4.1, 5:101:2E:0.8, h34km, n14, c0587/8, mb3.8/7, Southern Sumatra

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CMAR, H0S2, etc.

Table with columns: KURBB, ZALV, TXAR, etc. Includes station names and coordinates.

NIED 17 19:34:00.45:00N:150:00E, h71km, Mw3.7 Best double couple: M4.56000x1014 NP1:162.00000, 857.00000, 1.36.00000, NP2:150.00000, 860.00000, 1.142.00000, MOS 17 19:34:25.3, 0.7, 44.85N:150:55E, h69km, mb4.3/1, Error ellipse: s-maj=40.6km s-min=29.0km az=157.9

JMA 17 19:34:29.4, 0.4, 45:05N:150:04E, h30km, M4.6 SKHL 17 19:34:29.9, 0.7, 44:31N:150:19E, h73km, M4.6

ISC 17 19:34:26.9, 3.7, 44:54N:0.07:150:15E:0.02, h51km, n35, c237/45, 1C-4D, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KUR, YUK, etc.

NEM2 Nemuro 2 3.54 252 P Pn 19 35 21.1 +1.8

JRM2 JRM2 3.82 263 P Pn 19 35 59.8 +0.1

JRA JRA 4.18 259 P Pn 19 36 07.7 +0.9

JNK Nakash 4.18 259 P Pn 19 35 30.5 +2.3

JAK Akkhesi 4.39 251 P Pn 19 35 32.7 +1.8

JTKR Abashiri-Toko 4.68 265 P Pn 19 35 37.6 +2.7

JAR Ashorobuto 4.93 258 P Pn 19 35 40.9 +2.5

JOB Onbetsu 5.01 253 P Pn 19 35 41.9 +2.4

JMP Maruseppu 5.06 266 P Pn 19 35 36.1 +0.9

JCH Churui 5.44 252 P Pn 19 35 47.5 +2.1

JKK2 Kamakawa 2 5.52 266 P Pn 19 35 49.4 +2.9

ASAJ Asahikawa 5.52 268 P Pn 19 35 50.6 +3.1

MYR Moyori 5.63 249 P Pn 19 35 50.8 +2.5

ERM Erimo 5.84 247 P Pn 19 35 54.8 +4.0

ERM Erimo 5.84 247 P Pn 19 35 55.0 +4.2

YSS Yuzh-Sakhalins 5.85 297 P Pn 19 35 51.0 0.0

YSS Yuzh-Sakhalins 5.85 297 P Pn 19 35 51.0 0.0

JNB2 Urakawa-obukua 5.99 251 P Pn 19 35 54.7 +1.8

JBT2 Biratori 2 6.07 256 P Pn 19 35 56.1 +2.1

JNB Noboribetsu 7.09 256 P Pn 19 36 10.6 +2.6

JSKR Severo-Kuril's 7.27 30 P Pn 19 37 25.9 -1.4

SKR Severo-Kuril's 7.27 30 P Pn 19 36 06.1 -4.3

SKR Severo-Kuril's 7.27 30 P Pn 19 36 06.1 -4.3

SKR Severo-Kuril's 7.27 30 P Pn 19 36 06.1 -4.3

SKR Severo-Kuril's 7.27 30 P Pn 19 36 06.1 -4.3

SKR Severo-Kuril's 7.27 30 P Pn 19 36 06.1 -4.3

SKR Severo-Kuril's 7.27 30 P Pn 19 36 06.1 -4.3

SKR Severo-Kuril's 7.27 30 P Pn 19 36 06.1 -4.3

SKR Severo-Kuril's 7.27 30 P Pn 19 36 06.1 -4.3

SKR Severo-Kuril's 7.27 30 P Pn 19 36 06.1 -4.3

SKR Severo-Kuril's 7.27 30 P Pn 19 36 06.1 -4.3

Table with columns: KUR, comp, A, A, 19 42 12.2, etc. Lists various stations and their coordinates.

Table with columns: KBZ, Khabaz, 71.56 315 P P, 19 51 08.2 +1.8, etc. Lists various stations and their coordinates.

Table with columns: AKASG, Malin Array Be, 75.61 348 P P, 20 13 46.8 -1.7, etc. Lists various stations and their coordinates.

Table with columns: BRTR, Keskin Array B, 146.67 320, PKPbc, PKPab, 21 19 57.4 +1.0, etc.

CSEM 17 21:09:14.8:0.2,39:32N:40:25E,h2km,MD2.9,Error ellipse: s-maj=5.2km s-min=4.7km az=134.0

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

ISC/JB 17 21:23:53.0:0.2,0:47S:0:03x123:85E:0:02,h50km, mb4.2/22,MS3.2/1,Error ellipse: s-maj=4.4km

BUI 17 21:23:53.5:0.1,0:50S:123:80E,h20km,mb4.2/6 DJA 17 21:23:54.7:0.7,1:52:12:4E, h16km,8km, M4.7/27, mb4.9/13,mb5.1/9,MLV4.7/27,MW(mB)4.5/9

IDC 17 21:23:55.3:1.9,0:46S:123:82E,h48km,21km,mb3.8/13, mb1.4/0.15,mb1mx3.9/26,mbmp4.1/15,ML4.6/2,MS3.2/3, Ms1.3/3,ms1mx2.7/32,Error ellipse: s-maj=14.1km s-min=13.4km az=89.0

NEIC 17 21:23:55.0:0.6,0:48S:123:82E,h50km,6km,mb4.2/4, Error ellipse: s-maj=6.8km s-min=5.2km az=224.0

NEIC Felt [I] at Luwuk. AUST 17 21:23:55.1:0.4,0:54S:123:88E,h53km,Error ellipse: s-maj=1.3km s-min=0.8km az=111.0

ISC 17 21:23:55.3:0.4,0:05S:104:123.85E:0:04,h50km,n77, c=139/85,mb1.6kM,22,Minahassa Peninsula, Sulawesi

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

Table with columns: ASAR, Alice Springs, 24.99 158, P, P, 21 29 15.8 +1.3, etc.

IDC 17 21:28:55.8:6.8,0:61S:177:14E,h32km,54km,mb3.7/3, mb1.3/8.5,mb1mx3.6/22,mbtm3.8/5,ML3.0/2,Error ellipse: s-maj=50.2km s-min=24.9km az=98.0

ISC/JB 17 21:28:57.5:0.5,0:40:49S:0:03x176:73E:0:06,h32km, mb3.8/3,Error ellipse: s-maj=7.1km s-min=2.9km az=31.2

WEL 17 21:28:58.0:1.4,0:41S:176:61E,h21km,ML3.8/38,Error ellipse: s-maj=1.6km s-min=0.8km az=90.0

WEL Felt in the Hawke's Bay region, maximum reported intensity MmI 3.

ISC 17 21:28:57.3:0.9,0:40:46S:0:04x176:69E:0:05,h32km,n78, c=184/80,mb4.1/3,12C-5D, North Island

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

Table with columns: MWSW, MWSW, Whangaehu Hut, 1.45 324, AML, AML, 21 29 53.6, etc.

GUC 17 21:36:25.7:0.6,34:30S:72:06W,h24km,2km,ML3.9, 4C-6D, Near coast of central Chile

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

SJA 17 21:39:02.5:1.0,33:23S:70:30W,h10km,ML3.5, Chile-Argentina border region

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

1001

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like NJ2 Nanjing, WHN Wuhan, UTTA Uttarakhand, etc.

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Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like LZH, H1N1, H1N2, H1N3, etc.

17d 22h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like MKAR, KSH, KAM, etc.

18d 3h

Table of astronomical observations for 18d 3h, listing station names, coordinates, and observation details.

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Table of astronomical observations for 2010 AUG, listing station names, coordinates, and observation details.

PRU 18 01:36:23.9, 51.43N, 16.15E, h0km
CSEM 18 01:36:23.0, 6.51, 41N, 16.20E, h1km, ML2.7/4, Error
ellipse: s-maj=9.1km s-min=5.1km az=4.0

ISC 18 01:38:22.9, 2.2, 51.43N, 0.10, 16.19E, 0.05, h0km, n16,
<0.76>23, Poland

Table of astronomical observations for 2010 AUG, listing station names, coordinates, and observation details.

IDC 18 01:39:03.9, 0.8, 32.16N, 104.75E, h0km, mb3.9/17,
mb1.4/1.20, mb1mx4.0/31, mbtmp3.9/20, ML4.0/2, MS3.2/2,
Ms1.3/2.2, ms1mx2.6/36, Error ellipse: s-maj=26.0km
s-min=16.2km az=47.0

ISC/JB 18 01:39:04.6, 0.3, 32.14N, 103.140E, 0.04, h15km,
mb4.0/21, MS3.0/2, Error ellipse: s-maj=5.3km
s-min=4.4km az=176.1

NEIC 18 01:39:05.4, 0.3, 32.15N, 104.72E, h10km, mb4.2/3, Error
ellipse: s-maj=7.4km s-min=4.6km az=224.0,
BJJ 18 01:39:06.8, 32.18N, 104.64E, h18km, mb3.8/6, mB4.5/4,
ML4.1/21, Ms3.9/9, Ms7.3/4.1

ISC 18 01:39:06.2, 0.4, 32.08N, 103.104E, 0.04, h15km, n43,
<1.96>55, mb4.0/21, 2D, Sichuan

Table of astronomical observations for 2010 AUG, listing station names, coordinates, and observation details.

KMI KMI KMI
comp=N,22nm,1.2s
comp=E,32nm,1.1s
comp=N,240nm,5.7s

KMI KMI KMI
comp=E,400nm,7.5s
comp=Z,220nm,8.5s
comp=Z,3.0nm,0.8s

GTA GTA GTA
comp=Z,130nm,4.9s
comp=Z,230nm,10.5s
comp=Z,220nm,12.9s

GTA GTA GTA
comp=Z,180nm,10.5s
WHN WHN WHN
comp=Z,180nm,10.5s

WHN WHN WHN
comp=Z,570nm,6.2s
comp=Z,480nm,8.0s
comp=Z,510nm,7.5s

HHC HHC HHC
comp=Z,17nm,1.0s
HHC HHC HHC
comp=Z,61nm,5.9s

HHC HHC HHC
comp=Z,250nm,7.3s
HHC HHC HHC
comp=Z,240nm,7.5s

HHC HHC HHC
comp=Z,140nm,9.2s
CMAR CMAR CMAR
comp=Z,0.3nm,0.3s, baz=12, slow=9.7, SNR=2.5

SONM SONM SONM
comp=Z,179, slow=12, SNR=3.6
baz=179, slow=12, SNR=3.6

1004

Table of astronomical observations for 1004, listing station names, coordinates, and observation details.

ULN Ulanbaatar 15.87 6 ePn Pn 01 42 48.3 -0.9
SSLB Suurlung 16.61 116 ePn Pn 01 42 58.2 -0.4

YULB Yu-li 17.09 116 ePn Pn 01 43 00.4 -0.6
WMQ Urumqi 17.73 316 pP pP 01 43 10.0 -1.6

WMQ comp=Z,18nm,0.9s PMZ 01 43 18.6 -1.0
WMQ comp=Z,130nm,3.6s LN 01 43 18.6 -1.0

WMQ comp=Z,230nm,10.7s LE 01 43 18.6 -1.0
WMQ comp=Z,170nm,12.1s LZ 01 43 18.6 -1.0

WMQ comp=Z,44nm,14.9s KSAR Wnju Array Bea 19.81 68 P P 01 43 35.8 -0.4
KSRS Korea Array 19.85 68 P P 01 43 35.8 -0.8

JNU Nakatsu 22.12 60 LR 01 52 53.7
MKAR Makanchi Array 22.56 317 P P 01 44 06.6 +0.9

MKAR comp=Z,1.8nm,0.6s, baz=116, slow=9.8, SNR=2.4
MKAR comp=Z,2.2nm,18.8s, baz=170, slow=39
ZAAO Zalesovo Array 25.05 333 eP P 01 44 38.8 -0.0

ZALV Zalesovo Beam 25.05 333 P P 01 44 39.2 +0.5
BVAR Borovoye Array 32.32 321 P P 01 45 32.5 -2.0

BRVK Borovoye 32.39 321 eP P 01 45 35.9 +0.7
ABKAR Alibek array 37.37 311 eP P 01 46 18.7 +0.5

GEYT Alibek 38.24 292 eP P 01 46 27.1 +1.3
AKTO Aktubinsk 38.81 312 S S 01 52 09.1 -1.8

AKTO Aktubinsk 38.81 312 P P 01 46 31.2 +0.9
ARU Art 39.95 321 eP P 01 46 39.7 -0.0

KBZ Khabaz 49.05 302 P P 01 47 52.0 -0.6
ARCES ARCES Array B 56.56 336 P P 01 48 47.6 -0.2

BRTR Keskin Array B 56.66 299 P P 01 48 49.0 -0.1
FINES Fines Array B 57.01 326 P P 01 48 50.8 -0.3

AKASG Malin Array Be 57.05 313 P P 01 48 51.1 -0.4
WRA Warrungama Arr 59.04 147 P P 01 49 05.9 +0.1

ASAR Alice Springs 62.10 150 P P 01 49 26.7 +0.1
NB2 NORSAR Subarra 64.08 327 P P 01 49 38.6 -0.8

NOA NORSAR Array B 64.08 327 P P 01 49 38.6 -0.8
GERES GERES Array B 63.19 314 P P 01 49 60.0 +0.2

BPAW Bear Paw Mtn 67.52 27 eP P 01 50 00.9 -0.6
ILAR Eielson Array 68.76 26 P P 01 50 08.1 -1.1

OHAK Old Hardscrabble 69.70 35 eP P 01 50 14.3 -0.8
YKA Yellowknife Arr 80.62 17 P P 01 51 17.4 -0.5

ESDC Sonsec Array 82.70 312 P P 01 51 29.7 +0.3
NNC 18 01:41:36.2, 0.9, 44.70N, 78.97E, h0km, mb3.6, mpv3.3,
18-16D, Error ellipse: s-maj=8.2km s-min=6.5km
az=116.0, Eastern Kazakhstan

IDC 18 01:52:26.7, 2.0, 5.25S, 152.19E, h0km, mb3.9/3,
mb1.4/1.4, mb1mx3.7/19, mbtmp3.9/4, ML1.7/1, Error
ellipse: s-maj=129.9km s-min=23.7km az=129.0, New
Britain region

PMG Port Moresby 6.48 230 Pn Pn 01 54 04.8 +1.4
PMG 1.1nm,0.3s, baz=63, slow=18, SNR=3.0

WRA Warrungama Arr 22.69 228 P P 01 57 29.7 -0.5
ASAR Alice Springs 25.41 222 P P 01 57 56.2 0.0

ILAR Eielson Array 82.80 22 P P 02 04 52.9 +0.3
TORD Torodi Arr. Bea 149.87 287 PKPbc PKPbc 02 12 19.2 -0.8

GUC 18 02:08:22.0, 0.3, 21.63S, 68.71W, h135km, 2km, ML3.5, 1D,
Chile-Bolivia border region

PB09 IPOC Station P 0.52 252j eP Pn 02 08 42.4 +0.4
PB09 IPOC Station P 0.93 309 eP Pn 02 08 57.9 +0.7

PB01 IPOC Station P 0.93 309 eP Pn 02 08 45.3 +0.4
PB01 IPOC Station P 1.33 217 eP Pn 02 08 49.5 +0.6

CEN1 Los Morros 2.23 218 eS Pn 02 09 10.4 +1.0
MNMCM Minimim 2.62 341 eS Pn 02 09 47.7 +0.3

MNMCM Minimim 2.62 341 eS Pn 02 09 38.4 +1.4
MNMCM Minimim 2.62 341 eS Pn 02 09 40.1

KRSC 18 03:16:05, 1.1, 56.50N, 163.44E, h6km, 6km, ML4.2
IDC 18 03:16:07, 0.0, 8.56, 42N, 163.01E, h0km, mb3.8/14,
mb1.4/0.14, mb1mx3.9/27, mbtmp3.9/14, MS2.9/3,
Ms1.2/9.3, ms1mx2.5/34, Error ellipse: s-maj=24.9km
s-min=17.5km az=151.0
ISCBJ 18 03:16:07, 1.0, 4.56, 53N, 0.03, 163.38E, 0.04, h10km,
mb3.8/15, MS2.8/2, Error ellipse: s-maj=4.3km
s-min=3.3km az=152.1

MOS 18 03:16:07.6:1.1, 56:55N:163:30E, h17km, mb4.0/9, Error ellipse: s-maj=14.2km s-min=7.3km az=62.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Krutoberegovo, Semkarok, Baidarnaya, Sorokina, etc.

ISCJB 18 03:34:49.9:0.4, 41:96N:01:23:01E, 0:03, h6km, 3km, Error ellipse: s-maj=3.7km s-min=2.2km az=162.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Krupnik, Musomiste, Vitosha, Valandovo, etc.

VOIR 3.79 22 S Sb 03 35 42 +1.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like MSAB Monastery St. A, MLR Muntele Rosu, etc.

18d 6h

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IDC 18 04:18:13.1-14.0, 17.76S-167.49E, h0km, mb3.9/3, mb1 4.1/4, mb1mx3.8/3, mb1mx0.4/4, ML4.2/1, Error ellipse: s-maj=240.1km s-min=40.7km az=72.0, Vanuatu Islands

TAP 18 04:26:03.7, 23.83N, 122.95E, h97km, 2km, ML3.1, D ISCJB 18 04:26:04.1, 0.7, 23.78N, 122.86E, 0.03, h17km, 7km, Error ellipse: s-maj=7.7km s-min=3.7km az=167.8

JMA 18 04:26:05.1, 0.2, 23.87N, 122.84E, h30km, 4km, M2.6 ISC 18 04:26:05.6, 2.0, 23.86N, 122.89E, 0.03, h33km, 5km, n2.0, r101/33, 2C, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like DZM, STKA, WRA, ASAR, JYNG, YOJ, HATJ, IRIF, JKRS, ENA, TWC, JJJ, JJJ, EHY, EHY, JISG, JISG, WHF, TWF1, TWF1, NWF, NWF, NSK, NSK, JTJ, ELDTW, ELDTW, TYC, TYC, ALS, ALS, ALS, CHN1, CHN1, TWK, TWK, TWC.

IDC 18 04:41:37.9, 0.8, 13.79N, 93.26E, h0km, mb4.0/15, mb1 4.1/6, mb1mx3.8/3, mb1mx3.9/16, ML4.1/1, MS2.9/2, Ms1 3.0/2, ms1mx2.6/32, Error ellipse: s-maj=29.5km s-min=15.0km az=6.0

ISCJB 18 04:41:42.1, 0.6, 13.79N, 93.24E, 0.06, h41km, mb3.9/16, Error ellipse: s-maj=12.5km s-min=7.9km az=5.4

NEIC 18 04:41:44.1, 2.6, 13.85N, 93.36E, h42km, 22km, mb4.2/1, Error ellipse: s-maj=24.2km s-min=9.0km az=53.0

BKK 18 04:41:59.5, 3.8, 14.1N, 14.9E, h10km, MA0.9, mb4.1/8, mb4.4/3, MLV4.1/9, Mw(MB)3.6/3

ISC 18 04:41:44.6, 0.7, 14.01N, 0.09, h41km, n33, r113/27, mb4.0/16, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like SRDT, UMPA, MHMT, PHET, CMAR, CMAR, CMAR, CHTO, CHTO, CHTO, CMMT, LAMP, PBKT, CMAI, PALK, H0S83, H0S82, H0S81, MKAR, SONM, KURBB, ZALV, WRA, WRA, WRA, ASAR, BRTR, FINES, ARCES, GERES, HFS, NOA, TORD.

0.6nm, 1.0s, baz=106, slow=2.6, SNR=5.2 ILAR Eielson Array 89.40 22 P P 04 54 37.1 +0.3 TXAR Lajitas Array 133.90 21 PKP 05 00 58.1 0.0

ISCJB 18 04:45:56.5, 0.4, 44.38N, 142.32E, 0.07, h242km, 3km, mb3.4/10, Error ellipse: s-maj=8.5km s-min=8.1km az=25.3 JMA 18 04:45:57.0, 0.4, 44.34N, 142.25E, h238km, 2km, M3.3

IDC 18 04:45:57.0, 0.4, 44.34N, 142.39E, h235km, 3km, mb3.2/10, mb1 3.4/12, mb1mx3.1/47, mb1mx3.8/12, Error ellipse: s-maj=17.9km s-min=13.5km az=163.0

ISC 18 04:45:57.9, 0.7, 44.34N, 142.39E, 0.06, h238km, 5km, n3.2, r098/47, mb3.5/10, Hokkaido region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like ASAJ, ASAJ, ASAJ, JSS, JKK2, JYK, JYK, JSE, JHR, JMP, JWK2, JWK2, JFR, JTKR, JTKR, JAR, JAR, JEW, JSH, JSH, JCH, JCH, JNBK, JAK, JAK, NEM2, JSM, USRK, USRK, MJAR, MKAR, KURBB, ILAR, INK, YKA, FINES, WRA, HFS, AKASO, TXAR, TXAR.

TUN 18 04:52:04.5, 34.76N, 7.34E, h13km, MD3.8 ISCJB 18 04:52:05.6, 1.6, 34.7N, 0.2, 7.1E, 0.1, h10km, Error ellipse: s-maj=24.6km s-min=7.6km az=28.1

CSEM 18 04:52:07.0, 7.0, 34.70N, 7.19E, h15km, MD3.8, Error ellipse: s-maj=28.9km s-min=9.1km az=28.0

ISC 18 04:52:06.1, 9.3, 34.7N, 0.1, 7.1E, 0.08, h10km, n14, r105/14, Northern Algeria

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like OYA, OYA, THTN, THTN, CTEI, CTEI, CASM, CASM, CASM, ETOS, EIBI, CFON, CSOR.

MEX 18 05:20:37.7, 0.7, 16.38N, 94.18W, h109km, 11km, MD4.1, Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like CMIG, CMIG, PCIG, PCIG, VHO, VHO, PNIG, PNIG.

ISCJB 18 05:22:16.8, 0.5, 24.27N, 0.03, 122.14E, 0.03, h22km, 6km, Error ellipse: s-maj=5.9km s-min=3.4km az=157.1

JMA 18 05:22:16.9, 0.1, 24.26N, 0.2, 122.12E, h40km, 4km, M2.0 TAP 18 05:22:17.3, 24.32N, 122.06E, h22km, ML2.9, D

ISC 18 05:22:16.1, 0.9, 24.25N, 0.03, 122.14E, 0.03, h22km, 9km, n26, r066/45, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like ENA, ENA, TWC, TWC, TWD, TWD, EGS, EGS, ILA, ILA, TWE, TWE, ENT, ENT, ENT.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like NNS, NNS, TWB1, TWB1, WHF, WHF, YOJ, YOJ, NSK, NSK, NWF, NWF, TWA, TWA, EHY, EHY, EHY, EHY, NSST, NSST, TWF1, TWF1, SMLT, SMLT, TYC, TYC, TYC, TYC, TWQ1, TWQ1, ALS, ALS, ALS, ALS, IRIF, IRIF, CHNS, CHNS, CHNS, CHNS, JKRS, JKRS, JLJ, JLJ, JISG, JISG.

ISCJB 18 05:35:01.1, 1.5, 19.3S, 0.1, 172.0W, 0.2, h33km, mb3.5/2, Error ellipse: s-maj=26.0km s-min=11.6km az=150.8

IDC 18 05:35:06.2, 3.6, 19.35S, 0.1, 172.0W, h63km, 32km, mb3.2/2, mb1 3.6/5, mb1mx3.3/29, mb1mx3.6/5, ML3.4/2, MS2.7/1, Ms1 2.9/1, ms1mx2.4/7, Error ellipse: s-maj=41.9km s-min=19.0km az=74.0

ISC 18 05:35:03.1, 1.2, 19.4S, 0.1, 172.0W, 0.2, h35km, n7, r183/9, Off coast of northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like LVC, LVC, LPAZ, LPAZ, LPAZ, LPAZ, SIV, SIV, TXAR, TXAR, TORD, TORD, MKAR, MKAR, MJAR, MJAR.

IDC 18 05:39:14.2, 64.0, 17.34S, 168.03E, h0km, mb4.4/3, mb1 4.6/3, mb1mx4.0/19, mb1mx4.4/3, MS3.5/5, Ms1 3.4/5, ms1mx3.0/22, Error ellipse: s-maj=1085.0km s-min=113.0km az=71.0

ISC 18 05:39:24.5, 6.6, 17.8S, 0.2, 167.4E, 0.7, h27km, n9, r099/61, mb4.2/3, MS3.4/5, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like DZM, DZM, DZM, DZM, NOUN, NOUN, AFI, AFI, STKA, STKA, WRA, WRA, ASAR, ASAR, ASAR, ASAR, GUMO, GUMO, BATI, BATI, TXAR, TXAR.

IDC 18 05:55:40.5, 2.0, 1.23N, 126.52E, h0km, mb3.6/3, mb1 3.9/3, mb1mx3.4/28, mb1mx3.6/3, Error ellipse: s-maj=169.5km s-min=24.7km az=66.0

ISCJB 18 05:55:48.9, 1.1, 0.7N, 0.1, 126.17E, 0.07, h44km, mb3.6/3, Error ellipse: s-maj=18.5km s-min=8.9km az=11.2

DJA 18 05:55:48.1, 1.8, 1.1N, 5.12E, h14km, 18km, M3.7/11, ML3.7/11

ISC 18 05:55:49.7, 1.6, 0.7N, 0.1, 126.21E, 0.06, h44km, n11, r089/70, mb3.7/3, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like TMTI, TMTI, LBMI, LBMI, KMSI, KMSI, SANO, SANO, SANO, SANO, LUWI, LUWI, NLAI, NLAI, APSI, APSI, WRA, WRA, ASAR, ASAR, MKAR, MKAR.

WEL 18 06:03:24.8, 0.6, 36.44S, 177.33E, h5km, ML3.5/4, Error ellipse: s-maj=5.8km s-min=4.3km az=0.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like KUZ, KUZ, KUZ, KUZ, HAZ, HAZ, GRZ, GRZ, PUZ, PUZ, URZ, URZ.

Table with 4 columns: MKAZ, Moumakai, 1.86 248 PN, Pn, 06 03 57.2 -0.2

IDC 18 06:24:58.1±1.0, 37.30S:73.45W, h0km, mb4.0/8, mb1.4/2.1, mb1mx4.0/26, mbtmp4.1/11, ML4.3/3, MS3.6/5, Ms1.3/6.5, ms1mx3.2/18, Error ellipse: s-maj=32.2km s-min=18.1km az=104.0

GUC 18 06:24:59.0±0.4, 37.14S:74.03W, h27km, 2km, ML4.9 NEIC 18 06:24:59.0, 37.17S:74.21W, h27km, ML4.9(GUC), After GUC

NEIC Feit (III) at Concepcion, Curanilahue, Laruque, Lebu, Lota and Talcahuano; (II) at Canete and Tirua. ISC 18 06:25:04.8±1.4, 37.23S:076.73W, 0.1, h51km±10km, n30, α178/34, mb3.9/8, MS3.5/3, Near coast of central Chile

Table with 10 columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h, m, s, ISC

U14B Concepcion 0.54 47 eP Pn 06 25 15.2 -1.4

U14B Concepcion 0.54 47 eP Pn 06 25 15.4 -1.2

U14B Concepcion 0.54 47 eP Pn 06 25 15.4 -1.2

U14B Concepcion 0.54 47 eP Pn 06 25 15.4 -1.2

U14B Concepcion 0.54 47 eP Pn 06 25 15.4 -1.2

U14B Concepcion 0.54 47 eP Pn 06 25 15.4 -1.2

U14B Concepcion 0.54 47 eP Pn 06 25 15.4 -1.2

U14B Concepcion 0.54 47 eP Pn 06 25 15.4 -1.2

U14B Concepcion 0.54 47 eP Pn 06 25 15.4 -1.2

U14B Concepcion 0.54 47 eP Pn 06 25 15.4 -1.2

U14B Concepcion 0.54 47 eP Pn 06 25 15.4 -1.2

U14B Concepcion 0.54 47 eP Pn 06 25 15.4 -1.2

U14B Concepcion 0.54 47 eP Pn 06 25 15.4 -1.2

U14B Concepcion 0.54 47 eP Pn 06 25 15.4 -1.2

U14B Concepcion 0.54 47 eP Pn 06 25 15.4 -1.2

U14B Concepcion 0.54 47 eP Pn 06 25 15.4 -1.2

U14B Concepcion 0.54 47 eP Pn 06 25 15.4 -1.2

U14B Concepcion 0.54 47 eP Pn 06 25 15.4 -1.2

U14B Concepcion 0.54 47 eP Pn 06 25 15.4 -1.2

U14B Concepcion 0.54 47 eP Pn 06 25 15.4 -1.2

U14B Concepcion 0.54 47 eP Pn 06 25 15.4 -1.2

U14B Concepcion 0.54 47 eP Pn 06 25 15.4 -1.2

U14B Concepcion 0.54 47 eP Pn 06 25 15.4 -1.2

U14B Concepcion 0.54 47 eP Pn 06 25 15.4 -1.2

NNC 18 07:06:31.3±1.5, 37.89N:71.55E, h0km, mb3.5, mpv3.1, 4C-2D, Error ellipse: s-maj=11.4km s-min=9.0km

Table with 10 columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h, m, s, ISC

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

SFK Sufi-Kurgan 2.61 35 fP Pn 07 07 14.8 -0.2

SFK Sufi-Kurgan 2.61 35 fP Pn 07 07 14.8 -0.2

MNAS Manas 4.65 9 fP Pn 07 07 43.3 +0.4

MNAS Manas 4.65 9 fP Pn 07 07 43.3 +0.4

KK31 Karatay Array 5.26 352 fP Pn 07 07 51.4 +0.1

KK31 Karatay Array 5.26 352 fP Pn 07 07 51.4 +0.1

KK31 Karatay Array 5.26 352 fP Pn 07 07 51.4 +0.1

KK31 Karatay Array 5.26 352 fP Pn 07 07 51.4 +0.1

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KK31 Karatay Array 5.26 352 fP Pn 07 07 51.4 +0.1

KK31 Karatay Array 5.26 352 fP Pn 07 07 51.4 +0.1

WRA Warramunga Arr 144.24 238 PKP PKPab 07 58 12.8 -0.4

Table with 10 columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h, m, s, ISC

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

CD2 Chengdu 146.97 358 PKPbc PKPdf 07 58 18.8 -0.5

KMI Kunming 152.76 359 PKPbc PKPdf 07 58 28.8 0.0

CMAR Chiang Mai Arr 159.11 9 PKPab PKPab 07 59 12.8 -0.7

SKO 18 07:45:03.2, 40.92N:22.29E, h15km, M1.4, ML1.7

CSEM 18 07:45:05.8±0.3, 40.97N:22.44E, h10km, MD2.7, Error ellipse: s-maj=5.8km s-min=1.9km az=73.0

ATH 18 07:45:07.1, 41.01N:22.49E, h10km, MD2.7/5

ISC 18 07:45:09.2±3.3, 40.98N:08.22E, 0.1, h11km, n12, α13/15, Greece

VAY Valandovo 0.35 16 iP Pg 07 45 13.0 0.0

VAY Valandovo 0.35 16 iP Pg 07 45 13.0 0.0

VAY Valandovo 0.35 16 iP Pg 07 45 13.0 0.0

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VAY Valandovo 0.35 16 iP Pg 07 45 13.0 0.0

BUI 18 07:38:43.0±2.4, 20N:77.60W, h35km, mb5.1/3, Ms4.8/3, Ms7.4/4.3

IDC 18 07:38:45.1±2.3, 2.31N:77.31W, h72km, 21km, mb3.8/12, mb1.4/0.15, mb1mx3.8/34, mbtmp4.1/15, MS3.4/7, Ms1.3/4.7, ms1mx3.1/25, Error ellipse: s-maj=22.2km s-min=13.5km az=59.0

NEIC 18 07:38:47.0±2.3, 2.31N:77.28W, h85km, 21km, mb4.4/23, Error ellipse: s-maj=10.0km s-min=6.5km az=63.0

ISC 18 07:38:41.5±0.5, 2.28N:0.08W, 77.6W:0.1, h35km, n57, α148/58, mb4.4/35, MS3.4/4, 1C-1D, Near west coast of Colombia

OTAV Otavalo 2.21 204 eP Pn 07 39 16.9 +0.7

ROSC El Rosal 4.11 51 P Pn 07 39 43.6 +1.3

ATAH Atahualpa 9.39 185 P Pn 07 41 00.5 +5.8

ATAH Atahualpa 9.39 185 P Pn 07 41 00.5 +5.8

ATAH Atahualpa 9.39 185 P Pn 07 41 00.5 +5.8

ATAH Atahualpa 9.39 185 P Pn 07 41 00.5 +5.8

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ATAH Atahualpa 9.39 185 P Pn 07 41 00.5 +5.8

ATAH Atahualpa 9.39 185 P Pn 07 41 00.5 +5.8

SKO 18 07:45:03.2, 40.92N:22.29E, h15km, M1.4, ML1.7

CSEM 18 07:45:05.8±0.3, 40.97N:22.44E, h10km, MD2.7, Error ellipse: s-maj=5.8km s-min=1.9km az=73.0

ATH 18 07:45:07.1, 41.01N:22.49E, h10km, MD2.7/5

ISC 18 07:45:09.2±3.3, 40.98N:08.22E, 0.1, h11km, n12, α13/15, Greece

VAY Valandovo 0.35 16 iP Pg 07 45 13.0 0.0

VAY Valandovo 0.35 16 iP Pg 07 45 13.0 0.0

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VAY Valandovo 0.35 16 iP Pg 07 45 13.0 0.0

VAY Valandovo 0.35 16 iP Pg 07 45 13.0 0.0

VAY Valandovo 0.35 16 iP Pg 07 45 13.0 0.0

BUI 18 07:38:43.0±2.4, 20N:77.60W, h35km, mb5.1/3, Ms4.8/3, Ms7.4/4.3

IDC 18 07:38:45.1±2.3, 2.31N:77.31W, h72km, 21km, mb3.8/12, mb1.4/0.15, mb1mx3.8/34, mbtmp4.1/15, MS3.4/7, Ms1.3/4.7, ms1mx3.1/25, Error ellipse: s-maj=22.2km s-min=13.5km az=59.0

NEIC 18 07:38:47.0±2.3, 2.31N:77.28W, h85km, 21km, mb4.4/23, Error ellipse: s-maj=10.0km s-min=6.5km az=63.0

ISC 18 07:38:41.5±0.5, 2.28N:0.08W, 77.6W:0.1, h35km, n57, α148/58, mb4.4/35, MS3.4/4, 1C-1D, Near west coast of Colombia

OTAV Otavalo 2.21 204 eP Pn 07 39 16.9 +0.7

ROSC El Rosal 4.11 51 P Pn 07 39 43.6 +1.3

ATAH Atahualpa 9.39 185 P Pn 07 41 00.5 +5.8

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ATAH Atahualpa 9.39 185 P Pn 07 41 00.5 +5.8

ATAH Atahualpa 9.39 185 P Pn 07 41 00.5 +5.8

ATAH Atahualpa 9.39 185 P Pn 07 41 00.5 +5.8

ATAH Atahualpa 9.39 185 P Pn 07 41 00.5 +5.8

ATAH Atahualpa 9.39 185 P Pn 07 41 00.5 +5.8

ATAH Atahualpa 9.39 185 P Pn 07 41 00.5 +5.8

ATAH Atahualpa 9.39 185 P Pn 07 41 00.5 +5.8

ATAH Atahualpa 9.39 185 P Pn 07 41 00.5 +5.8

ATAH Atahualpa 9.39 185 P Pn 07 41 00.5 +5.8

ATAH Atahualpa 9.39 185 P Pn 07 41 00.5 +5.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AKUT, WESP, WEBT, WEST, etc.

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

ISCJB 18 08:48:06.10.4.0.17N.0.07x100.25E.0.08, h200km, mb3.4/8, Error ellipse: s-maj=12.8km s-min=6.9km

IDC 18 08:48:07.0.1.2.0.25N.107.18E, h178km, gkm, mb3.4/9, mb1 3.5/10, mb1mx3.3/4.5, mbtmp3.8/10, Error ellipse: s-maj=33.1km s-min=11.0km az=47.0

DJA 18 08:48:09.10.6.0.7N.4.10E, h140km, gkm, M4.0/18, ML4.0/18

ISC 18 08:48:08.0.0.7.0.28N.0.07x100.26E.0.08, h200km, n24, z25/5/20, mb3.4/8, Northern Sumatara

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

DJA 18 08:58:01.1.0.9.3N.3.97E.1.10, h46km, 31km, M3.6/9, ML3.6/9, Northern Sumatara

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

MEX 18 09:06:44.0.7.1837N x 105.15W, h10km, 19km, MD3.9, Off coast of Jalisco

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like R15V, R15V, EZSV, etc.

IDC 18 09:10:38.6.0.8.14.94S; 166.93E, h0km, mb4.1/13, mb1 4.3/14, mb1mx4.2/27, mbtmp4.1/14, ML4.1/1, MS3.6/7, Ms1 3.6/7, ms1mx3.2/25, Error ellipse: s-maj=26.7km s-min=17.0km az=113.0

ISCJB 18 09:10:44.5.0.6.15.01S; 0.06:166.8E:0.1, h57km, mb4.2/15, MS3.5/5, Error ellipse: s-maj=18.1km s-min=9.0km az=11.1

NEIC 18 09:10:44.2.0.5.14.93S; 166.86E, h35km, mb4.7/3, Error ellipse: s-maj=15.4km s-min=9.6km az=98.0

ISC 18 09:10:46.2.0.7.15.04S; 0.07x166.9E:0.2, h57km, n30, r161/23, mb4.2/14, MS3.6/5, Vanuatu Islands

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

Table with columns: ILAR, LR, LR, 09 59 52.0. Includes stations like comp=Z.37nm, 18.4s, baz=233, slow=34

IDC 18 09:16:32.1.1.8.14.81S; 166.54E, h0km, mb3.4/3, mb1 3.7/4, mb1mx3.5/25, mbtmp3.4/4, ML3.5/1, Error ellipse: s-maj=51.3km s-min=31.9km az=130.0, Vanuatu Islands

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

ISCJB 18 09:20:14.6.0.5.50.24N; 0.03:18.84E:0.03, h0km, Error ellipse: s-maj=5.0km s-min=2.5km az=1.8

CSEM 18 09:20:15.1.0.3.50.28N; 18.87E, h2km, ML2.6/4, Error ellipse: s-maj=7.5km s-min=3.2km az=9.0

PRU 18 09:20:16.0.50.24N; 18.87E, h0km, ISC 18 09:20:15.2.0.6.50.20N; 0.04:18.87E:0.02, h0km, n27, o59/48, 2C, Poland

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

YVHS Vyhne 1.71 181 ePn Pn 09 20 45.6 -0.6

YVHS Vyhne 1.71 181 eSN Pn 09 20 45.6 -0.3

VRAC Vranov 1.73 240 ePn Sb 09 21 04.8 -4.3

VRAC Vranov 1.73 240 eSg Sb 09 21 04.8 -4.3

STHS Stebnicka Huta 1.73 116 eSN Sb 09 21 10.8 +0.7

STHS Stebnicka Huta 1.73 116 eSg Sb 09 21 10.8 +0.7

KSP Ksiaz 1.76 292 ePn Pg 09 20 49.2 +0.3

KSP Ksiaz 1.76 292 eSg Pg 09 20 49.2 +0.3

GOPE Gobetecny, Ondr 1.65 265 eSg Pg 09 21 39.8 -0.3

GOPE Gobetecny, Ondr 1.65 265 eSg Pg 09 21 39.8 -0.3

PRU Pruhonic 2.79 267 eSg Pg 09 21 43.8 -1.0

PRU Pruhonic 2.79 267 eSg Pg 09 21 43.8 -1.0

KHC Kasperske Hory 3.60 255 ePn Pg 09 21 12.0 -0.2

KHC Kasperske Hory 3.60 255 eSg Pg 09 21 12.0 -0.2

KHC Kasperske Hory 3.60 255 Pn Pg 09 21 12.0 -0.2

KHC Kasperske Hory 3.60 255 Sg Pg 09 21 12.0 -0.2

IDC 18 09:29:05.9.2.0.21.39S; 179.80W, h0km, mb4.2/4, mb1 4.5/4, mb1mx3.9/21, mbtmp4.2/4, Error ellipse: s-maj=154.8km s-min=32.4km az=159.0

AUST 18 09:30:08.9.99.0.24.02S; 178.50E, h479km, 5km, Error ellipse: s-maj=16.2km s-min=3.8km az=244.0

ISC 18 09:20:06.1.1.4.22.7S; 0.07x173.20E:0.2, h10km, n14, r179/13, mb4.3/4, South of Fiji Islands

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

ISC 18 09:46:32.8.37.22N; 28.15E, h5km, MD2.7, ISCJB 18 09:46:33.5.0.3.37.23N; 0.04:28.19E:0.04, h14km, 9km, Error ellipse: s-maj=7.3km s-min=5.0km az=26.0

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AYDN, DALY, BDRM, BODT, etc.

IDC 18 09:48:10.8, 3.6, 4.2, 2S, 153.32E, h0km, mb3.3/2, mb1.3, 6.2, mb1x3, 4/18, mbtmp3.3/2, Error ellipse: s-maj=174.5km s-min=47.2km az=121.0, New Ireland region

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

ISCJJB 18 09:55:39.6, 0.4, 39.29N, 0.02, 7.9E, 0.03, h0km, Error ellipse: s-maj=3.5km s-min=3.0km az=174.5

DDA 18 09:55:40.4, 39.28N, 27.88E, h7km, MD2.7, ISC 18 09:55:39.4, 0.8, 39.29N, 0.02, 27.75E, 0.02, h0km, n43, c0581/64, Turkey

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BALB, AKS, DURS, etc.

WEL 18 10:10:16.9, 0.3, 38.38S, 176.02E, h155km, 2km, ML3.9/19, 42C-2D, Error ellipse: s-maj=1.3km s-min=1.3km az=90.0, North Island

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SNGZ, ARHZ, WHZ, etc.

IDC 18 10:12:00.0, 2.9, 53.54N, 67.66E, h0km, mb1.3/1/2, mb1mx3/4/3, mbtmp3.3/2, ML 2.9/2, Error ellipse: s-maj=27.0km s-min=21.3km az=79.0, Southwest Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZALV, H46RU, KURBB, etc.

MAN 18 10:12:03.8, 8.86N, 125.57E, h1km, mb4.2, ML3.0, MS2.8, 2C, Mindanao

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

IDC 18 10:11:57.7, 9.4, 36.02N, 70.35E, h12km, 86km, mb3.5/6, mb1.3, 7/10, mb1mx3.4/31, mbtmp4.0/10, ML3.8/4, MS3.2/1, Ms1.3/2/1, ms1mx2.3/3.5, Error ellipse: s-maj=49.2km s-min=21.9km az=23.0

ISCJJB 18 10:12:07.0, 7.5, 36.49N, 0.03, 70.38E, 0.07, h204km, mb3.4/5, Error ellipse: s-maj=8.3km s-min=4.7km az=176.5

NNC 18 10:12:13.0, 1.7, 36.85N, 70.33E, h200km, 14km, mb3.0, mp4.1, Error ellipse: s-maj=18.7km s-min=9.3km az=161.0

ISC 18 10:12:08.2, 0.7, 36.47N, 0.06, 70.47E, 0.07, h204km, n36, c1860/43, mb3.4/5, 7C-13D, Hindu Kush region

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CEP, CHCP, THW, SFK, etc.

CEM 18 10:14:36.6, 36.63N, 8.80E, h20km, MD3.5, CRAAG 18 10:14:36.0, 36.63N, 8.80E, MI3.5

ISCJJB 18 10:14:40.0, 0.7, 36.69N, 0.07, 8.75E, 0.06, h10km, Error ellipse: s-maj=10.4km s-min=7.1km az=173.5

CSEM 18 10:14:40.0, 0.3, 36.67N, 8.75E, h10km, MD3.5, Error ellipse: s-maj=9.7km s-min=7.2km az=176.0

ISC 18 10:14:38.1, 2.36, 73N, 0.08, 8.79E, 0.04, h10km, n14, c0592/14, Tunisia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MIDA, MIRA, RNI2, etc.

CSEM 18 10:14:26.1, 41.63N, 14.26E, h14km, ML1.7/7, ROM 18 10:14:26.1, 0.1, 41.63N, 14.26E, h14km, 1km, MI1.7/7, Error ellipse: s-maj=1.4km s-min=1.2km az=38.0, Southern Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MIDA, MIRA, RNI2, etc.

CERA Filignano, CERA Filignano, CERA Filignano, VAGA Valle Agricola, VAGA Valle Agricola

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SGG, TRIV, BSSO, PTRJ, etc.

TUN 18 10:14:36.6, 36.63N, 8.80E, h20km, MD3.5, CRAAG 18 10:14:36.0, 36.63N, 8.80E, MI3.5

ISCJJB 18 10:14:40.0, 0.7, 36.69N, 0.07, 8.75E, 0.06, h10km, Error ellipse: s-maj=10.4km s-min=7.1km az=173.5

CSEM 18 10:14:40.0, 0.3, 36.67N, 8.75E, h10km, MD3.5, Error ellipse: s-maj=9.7km s-min=7.2km az=176.0

ISC 18 10:14:38.1, 2.36, 73N, 0.08, 8.79E, 0.04, h10km, n14, c0592/14, Tunisia

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

CSEM 18 10:15:00.0, 41.62N, 14.25E, h13km, ML1.9/9, ROM 18 10:15:00.0, 0.1, 41.62N, 14.25E, h13km, 2km, MI1.9/9

18d 12h

Table with columns: ANMO, Albuquerque, 121.43, 52c, iPKPK, PKPpdf, pmxax, 11 11 15.0 +0.9, etc.

GUC 18 11:25:51.5, 0.3, 36°48S-73°20W, h7km, 2km, ML3.5, Near coast of central Chile

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

IDC 18 11:29:25.0, 1.3, 37°91S-177°33E, h0km, mb3.7/2, mb1 4.0/3, mb1mx3.6/27, mbtmp3.7/3, ML3.5/1, Error ellipse: s-maj=38.4km s-min=12.2km az=105.0

ISC/JB 18 11:29:28.0, 0.3, 38°06S-02°176.99E-0.02, h13km, mb3.5/2, Error ellipse: s-maj=3.5km s-min=2.7km az=20.1

NEIC 18 11:29:29.6, 38°07S-177°02E, h5km, ML4.1, (WEL), After WEL

WEL 18 11:29:29.4, 0.1, 38°05S-177°03E, h5km, ML4.1/41, Error ellipse: s-maj=0.5km s-min=0.5km az=90.0

WEL Felt in the Bay of Plenty region, maximum reported intensity MM 6.

ISC 18 11:29:28.4, 0.6, 38°06S-02°177.00E-0.02, h13km, n154, of573/146, 31C-2D, North Island

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

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Main table with columns: NMHZ, Naumai, 1.05 188, P, Pn, 11 29 49.2 +0.3, etc.

1012

Table with columns: SNA4, Sanae, 70.57 180, P, P, 11 40 43.8 +1.0, etc.

GUC 18 11:35:09.6, 0.4, 36°94S-73°52W, h8km, 1km, ML3.8, Near coast of central Chile

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

ISC/JB 18 11:40:53.6, 1.0, 7°09N-0°09'72.98W-0.08, h166km, mb2.8/1, Error ellipse: s-maj=15.0km s-min=9.0km

FUNVB 18 11:40:55.4, 7°09N-73°04W, h174km, MW3.4, IDC 18 11:40:58.3, 6.8, 4°78N-76°60W, h109km, 75km, mb2.6/1, mb1 3.1/2, mb1mx2.9/20, mbtmp3.1/2, ML2.1/1, Error ellipse: s-maj=99.7km s-min=40.0km az=42.0

ISC 18 11:40:55.0, 1.6, 7°22N-0.1-72.92W-0.09, h166km, n110, of156/15, Northern Colombia

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

IDC 18 12:10:37.4, 3.4, 5°45S-139°54E, h0km, mb3.9/1, mb1 3.8/3, mb1mx3.5/17, mbtmp3.6/3, ML3.5/2, Error ellipse: s-maj=11.4km s-min=28.1km az=93.0

AUST 18 12:11:16.2, 0.3, 36S-139.13E, h0km, ISC 18 12:10:41.9, 3.3, 5°73S-139.0E-0.6, h10km, n7, of239/7, North coast of Irian Jaya

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

IDC 18 12:35:10.9, 1.8, 1°77N-96°49E, h0km, mb3.7/4, mb1 3.8/5, mb1mx3.4/36, mbtmp3.7/5, ML3.9/1, Error ellipse: s-maj=51.4km s-min=23.0km az=56.0

ISC/JB 18 12:35:13.6, 1.1, 1°8N-1°96'63E-0.09, h28km, mb3.6/4, Error ellipse: s-maj=17.6km s-min=13.4km az=176.0

ISC 18 12:35:15.7, 1.4, 1°9N-1°96'7E-0.1, h28km, n9, of69/7, mb3.6/4, Off west coast of northern Sumatra

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

NEIC 18 12:51:43.8, 37°64N-113°24W, h1km, ML3.0, (SLC), After SLC, Utah

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

18d 15h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LAC DU BONNET, Pickle Lake, Geradlton, Pukaskwa Natio, Jewell Farm, Mount Ida, NEWPORT INFRASTR.

IDC 18:14:59:18.9:55.0,22.775:171.82W,h0km,mb4.0/3, mb1.4/13,mb1mx3.7/33,mbtmp4.0/3, Error ellipse: s-maj=1053.0km s-min=194.6km az=88.0, Tonga

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

MAN 18:15:10:05,7.97N<126.90E,h9km,mb4.7,ML3.6,MS3.6, 2C,Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Bislig, Mati, Butan, Musuan, Cagayan de Oro, Pagadian.

ISK 18:15:10:22.1,36.94N<35.99E,h30km,MD2.5 DDA 18:15:10:22.6,37.02N<36.09E,h7km,MD2.6 CSEM 18:15:10:23.2,0.2,36.99N<36.07E,h15km,MD2.5, Error ellipse: s-maj=4.1km s-min=3.4km az=126.0

ISC 18:15:10:22.8<1.0,37.00N<0.03<36.07E<0.04,h16km,8km, n12,c0S24/22,Jordan - Syria region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CEYT, ANDN, TAHT, KMRS, KUZU, YAYL.

ISC/JB 18:15:12:34.7<0.3,14.03N<0.04<90.44W<0.04,h120km,2km, mb4.5/49, Error ellipse: s-maj=7.6km s-min=2.9km az=43.6

MEX 18:15:12:35.0<5.0,13.56N<90.83W,h101km,17km,MD5.0 CASC 18:15:12:35.1<1.4,13.88N<90.55W,h96km,6km,MD4.7, MLA.8,mb4.8(NEIC)

BUI 18:15:12:35.9,14.00N<90.50W,h115km,mb4.7/2 NEIC 18:15:12:35.0<0.7,14.00N<90.45W,h113km,6km,mb4.8/45, MD5.0(MEX),MD5.1(SNET), Error ellipse: s-maj=9.5km s-min=5.7km az=49.0

NEIC Felt at Antigua Guatemala and Quezaltenango. Felt [IV] at San Salvador, El Salvador. Also felt at Mejicanos. IDC 18:15:12:39.0<2.1,14.24N<90.14W,h143km,18km,mb4.0/13, mb1.4/2/16,mb1mx4.0/35,mbtmp4.5/16,MS3.4/10, Ms1.3/4/10,ms1mx3.1/29, Error ellipse: s-maj=25.6km s-min=9.4km az=57.0

ISC 18:15:12:34.8<0.7,13.92N<0.06<90.56W<0.05,h112km,5km, n347,c1S14/363,mb4.5/49,5C-15D,Near coast of Guatemala

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Pacaya, Fuego 3, Las Nubes, Sonsonate, RBDL, RTR, SBL, SNJE, Jato, BOQS, SNET, SNET.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Lfu, MRL, LBR, LFR, SNVI, VSM, CCIG, CCIG, PCIG, PCIG, TGIG, TGIG, CMIG, CMIG.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Vista de Mar, JuntasAbangare, JuntasAbangare.

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

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

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Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JTS, TEIG, JCR, CGAZ, URSC, URSC, BUS, BUS, Hargill, Encino, Hebronnville, Benavides, Beeville, Laredo, Tilden, Circle Diamond, Eagle Lake, Disney, Chaparral WMA, La Parita Cree, Smothers Creek, Faith Ranch, Divot King Ran, Lawson Ranch, Center Grove, Dale, Brewton, Sathoff Ranch, Phanton Ranch, Blanco, Gronson, Uvalde, Huntington, Wall Ranch, Ga, Kerrville, Crockett, Jarrell, Perdido Creek, Centerville, Nacogdoches, Nacogdoches, Vicksburg, Burnet, Rockspings, Riesel, Gary, Moody, Jacksonville, Art, Junction City, Junction City, Tifton, Tifton, Rockspings, Washetta, Lometa, Katherine and, Menard, J-C Ranch, Ricard Spring, Bunkhouse Ranc, Lake Whitney, Lake Whitney, Sonora, Matatal Enter, Heron Place, G, Ennis, Clairette, Millersview, Stev Forest Ra, Baggott Ranch, Irene McRaven, San Angelo, Lajitas Array, Rising Star, Vickers Place, Davenport Ranc, Mt. Pleasant, Coleman, Pogue Cattle C, White-Moore Ra, Mertzton, Pleasant, Coleman, Bluge Ridge, Bronte.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Hamilton Ranch, SocoRRO T-PHASO, SDV, Y39A, Z35A, Y38A, Z30A, ABTX, Z32A, Z34A, Y37A, OXF, Y36A, Z33A, 131A, MIAR, MIAR, Y35A, UALR, 130A, Z32A, Y34A, X38A, X37A, Z31A, 228A, X35A, LP1G, X36A, 129A, NHSC, W38A, HBAR, Z30A, Y32A, 128A, W37A, X34A, W36A, X33A, Z29A, Y31A, X32A, W35A, HALT, GNAR, Y30A, WMOK, Z28A, CPCT, V38A, W34A, W34A, WVT, V37A, GLAT, V36A, MNXT, MNXT, W33A, X31A, UTMT, TUL1, TUL1, TUL1, X30A, V35A, TKL, TKL, W32A, Y28A, U38A, V34A, V34A, KMSC, KMSC, U37A, X29A, W31A, MSTX, U36A, V33A, V32A, U35A, AMTX, AMTX, U34A.

U34A	Anderson Ranch	23.28 346	eP	P	15 17 30.4	-2.2
V31A	Spring Creek L	23.31 341	P	P	15 17 32.7	-0.2
W29A	Amraillo	23.36 337	P	P	15 17 32.9	-0.6
U33A	Lingo Farm, Me	23.42 345	P	P	15 17 32.9	-1.1
T37A	Cheneyville 18	23.44 351	P	P	15 17 33.4	-0.6
T35A	Sooner Cattle	23.52 348	P	P	15 17 33.6	-1.2
T36A	Boggs Farm, Ca	23.53 349	P	P	15 17 33.8	-1.1
SIUC	Southern Illin	23.73 3	eP	P	15 17 35.8	-0.9
T37A	McClaskey Farm	23.76 347	P	P	15 17 36.1	-0.9
S34A	Fort Scott	24.05 352	P	P	15 17 38.6	-0.9
USIN	University of	24.09 6	eP	P	15 17 39.3	-0.6
USIN	Cliffs of the	24.11 26	eP	P	15 18 03.4	-0.1
CNNC	Lake Cedric, C	24.13 350	P	P	15 17 38.9	-1.2
S36A	Lake Cedric, C	24.13 350	P	P	15 17 39.8	-0.5
ATAH	Atahutapa	24.15 149	P	P	15 17 46.9	+5.8
ATAH	comp-Z, 96nm, 21.3s, baz=306, slow=34		LR	LR	15 26 25.6	
S35A	Otter Creek Ra	24.22 349	P	P	15 17 40.1	-1.0
U30A	WK&E Inc. Balk	24.27 340	P	P	15 17 41.8	+0.2
121A	Cookes Peak, D	24.31 323	P	P	15 17 44.1	+1.9
121A	Cookes Peak, D	24.31 323	eP	P	15 17 45.0	+2.9
S34A	Willow Spring	24.40 347	P	P	15 17 42.5	-0.3
S33A	Kasznauk Farm,	24.50 346	P	P	15 17 43.4	-0.3
R37A	Teagarden Farm	24.59 352	P	P	15 17 44.0	-0.5
R36A	Gordon, Harris	24.70 351	P	P	15 17 44.8	-0.7
OLIL	Olney	24.82 5	eP	P	15 17 45.6	-0.9
R35A	comp-Z, 52nm, 0.9s	24.82 349	P	P	15 17 45.9	-0.7
S32A	Newby Ranch, P	24.83 344	P	P	15 17 46.7	0.0
BLA	Blacksburg	24.90 19	eP	P	15 17 47.4	0.0
S31A	Mullinville	24.91 343	P	P	15 17 48.0	+0.5
R34A	Isabella, Hill	25.00 347	P	P	15 17 48.3	0.0
VWCC	Virginia West	25.08 20	eP	P	15 17 48.5	-0.5
R33A	Olander Ranch,	25.17 346	P	P	15 17 50.3	+0.5
S30A	Montezuma	25.22 341	P	P	15 17 50.7	+0.4
Q35A	Merger Eighty,	25.31 350	P	P	15 17 50.5	-0.5
S29A	Ulysses	25.41 340	P	P	15 17 51.9	-0.2
R32A	Long Quarter,	25.46 345	P	P	15 17 51.3	-1.1
Q34A	Chapman	25.54 348	P	P	15 17 53.6	+0.5
R31A	Burdett	25.55 343	P	P	15 17 53.6	+0.3
PCRV	Puerto La Cruz	25.61 95	LR	LR	15 30 34.8	
Q33A	Connelly Farm,	25.82 347	P	P	15 17 56.0	+0.6
Q32A	Meitler Ranch,	25.96 346	P	P	15 17 57.5	+0.6
P35A	Duane Minner,	25.96 350	P	P	15 17 57.2	+0.3
CKBS	Cedar Bluff	26.09 344	P	P	15 17 59.1	+0.9
P34A	Walnut Farm, R	26.12 349	P	P	15 17 58.8	+0.5
R29A	Marienthal	26.15 341	P	P	15 18 00.3	+1.6
Q31A	Ellis	26.18 344	P	P	15 18 00.5	+1.6
P33A	Williams Farm,	26.19 347	P	P	15 17 59.9	+0.9
T25A	Trinidad	26.23 334	P	P	15 18 01.2	+1.7
JSRW	J. Sargeant Re	26.23 23	eP	P	15 17 58.6	-0.7
R28A	Trubene	26.30 340	P	P	15 17 59.9	-0.2
SFIN	Scholer Farm	26.54 6	P	P	15 18 01.5	-0.5
SFIN	Scholer Farm	26.54 6	eP	P	15 18 00.2	-1.8
Q34A	Beatrice	26.72 350	P	P	15 18 03.5	-0.1
ACSO	Alum Creek Sta	27.05 13	eP	P	15 18 06.3	-0.4
214A	Organ Pipe Nat	27.15 315	P	P	15 18 31.3	+0.2
214A	Organ Pipe Nat	27.15 315	eP	P	15 18 08.7	+0.9
M35A	Neola	27.18 352	P	P	15 18 08.1	+0.4
N27A	Anderson Farm,	28.76 341	P	P	15 18 22.7	+0.7
IRM	Iron Mountain	30.03 316	P	P	15 18 33.7	+0.4
ECSD	EROS Data Cent	30.17 351	P	P	15 18 33.8	-0.5
ECSD	EROS Data Cent	30.17 351	eP	P	15 18 33.1	-1.2
MONP	Monument Peak	30.19 313	P	P	15 18 35.2	+0.2
LDFC	Landfair	30.56 318	eP	P	15 18 40.8	+2.8
PFO	Pinyon Flat Ob	30.61 314	P	P	15 18 39.7	+1.2
GMRC	Granite Mounta	30.74 317	P	P	15 18 40.7	+1.1
I30A	Oacoma	30.85 347	P	P	15 18 39.4	-0.9
I29A	Vivian Onida	31.14 346	P	P	15 18 42.2	-0.7
HEC	Hector, Ludlow	31.22 316	P	P	15 18 46.0	+2.2
SPMN	St. Paul	31.26 357	P	P	15 18 42.5	-1.5
SPMN	St. Paul	31.26 357	eP	P	15 18 41.8	-2.1
H29A	Onida	31.70 347	P	P	15 18 46.9	-0.8
SADO	Sadowa	32.25 15	P	P	15 18 51.1	-1.5
SADO	comp-Z, 8.6nm, 0.3s, baz=224, slow=9.4, SNR=17		LR	LR	15 32 55.0	
G28A	Parade	32.28 346	P	P	15 18 53.4	+0.5
EDW2	Edwards Air Fo	32.37 315	P	P	15 18 55.8	+2.0
J22A	Midwest	32.42 338	P	P	15 18 55.8	+1.5
TPNV	Topopah Spring	32.43 320	P	P	15 18 56.4	+1.9
LRMC	Laurel Mountai	32.50 316	P	P	15 18 57.5	+2.5
MPMC	Maunul Prospec	32.70 317	P	P	15 18 59.0	+2.1
J21A	Lysite	32.72 337	P	P	15 18 57.6	+0.7
I22A	9 Mile Ranch,	32.84 339	P	P	15 18 58.5	+0.6
G26A	Maurine	32.90 344	P	P	15 18 58.8	+0.5
R11A	Troy Canyon, C	32.92 322	P	P	15 19 00.9	+2.2
BSC	Santa Cruz Isl	33.06 312	P	P	15 19 01.6	+1.8
ISA	Isabella	33.13 316	P	P	15 19 02.2	+1.7

ISA	Isabella	33.13 316	eP	P	15 18 58.3	-2.2
GRAC	Grapevine Rang	33.17 319	P	P	15 19 02.9	+2.1
CWC	Cottonwood Cre	33.31 317	P	P	15 19 04.1	+2.0
D31A	McClaffin, Tow	33.57 351	P	P	15 19 03.1	-1.0
VES	Vestal, Richgr	33.64 316	P	P	15 19 07.0	+2.1
PKM	Peak Mountain	33.65 314	P	P	15 19 07.2	+2.1
D30A	Buchanan	33.80 350	P	P	15 19 04.7	-1.3
EYMN	Ely	33.94 359	P	P	15 19 05.4	-1.9
E26A	Carlson Angus	33.96 345	P	P	15 19 06.3	-1.2
REDW	Red Top Meadow	34.13 333	eP	P	15 19 09.3	0.0
E25A	Miller Ranch,	34.23 344	P	P	15 19 09.8	-0.1
C30A	Mose, Pekin	34.33 350	P	P	15 19 09.9	-0.7
ELK	Elko	34.34 326	eP	P	15 19 13.3	+2.3
D26A	Manning	34.48 346	P	P	15 19 11.6	-0.3
AGM	Agassiz Nation	34.56 354	P	P	15 19 11.7	-0.9
AGMN	Agassiz Nation	34.56 354	eP	P	15 19 10.9	-1.7
NVAR	Minna Array Bea	34.63 320	P	P	15 19 15.5	+1.9
NVAR	comp-Z, 6.0nm, 0.7s, baz=125, slow=8.3, SNR=61		PcP	PcP	15 21 47.1	+1.5
NVAR	comp-Z, 1.8nm, 0.7s, baz=125, slow=3, SNR=4.4		ScP	ScP	15 25 21.9	+1.1
MDND	Maddock	34.66 349	P	P	15 19 12.7	-0.8
B32A	Ash, Strandg	34.73 353	P	P	15 19 13.1	-0.9
B30A	Myrvik Farm, E	35.03 351	P	P	15 19 15.8	-0.9
C26A	Walner Farm, P	35.15 346	P	P	15 19 17.2	-0.5
B29A	Wagenman Farm,	35.21 350	P	P	15 19 17.5	-0.7
LAO	LASA Array	35.22 341	P	P	15 19 17.9	-0.4
B28A	Dugan Ranch, T	35.38 349	P	P	15 19 19.2	-0.4
WAKR	Walker	35.38 319	P	P	15 19 22.2	+2.1
SAML	Samuel	35.41 128	eP	P	15 19 19.4	-0.9
A30A	Hoffart Farm,	35.50 351	P	P	15 19 19.6	-1.1
A29A	Manning Farm,	35.63 350	P	P	15 19 21.0	-0.8
B25A	Knox Farm, Ray	35.81 346	P	P	15 19 23.7	+0.3
HLID	Halley	35.94 330	P	P	15 19 25.4	+0.7
A27A	Ledoux Ranch,	36.03 348	P	P	15 19 25.0	-0.2
A26A	Wade Farm, Ken	36.15 347	P	P	15 19 25.9	-0.3
DGMT	Dagmar	36.26 345	P	P	15 19 27.0	-0.1
BOZ	Bozeman (W)	36.30 335	P	P	15 19 28.3	+0.6
A25A	Vangstu Ranch	36.43 346	P	P	15 19 28.5	-0.1
ULM	Lac du Bonnet	36.49 354	P	P	15 19 27.2	-1.9
ULM	comp-Z, 10.0nm, 0.5s, baz=175, slow=0.4, SNR=11		LR	LR	15 37 53.9	
LRM	Limekiln Ridge	36.78 334	eP	P	15 19 32.8	+0.9
LPAZ	La Paz	37.31 143	P	P	15 19 38.8	+1.8
WVOR	Wild Horse Val	37.35 325	eP	P	15 19 37.6	+1.0
O03D	Paynes Creek	37.91 320	P	P	15 19 42.0	+0.6
M02C	Callahan	39.20 320	P	P	15 19 52.5	+0.4
YBH	Yreka Blue Hor	39.30 321	P	P	15 19 52.9	-0.1
X03M	Horse Mountain	39.45 319	eP	P	15 19 54.4	+0.1
KHDD	Drain, Or.	40.84 323	P	P	15 20 06.5	+1.0
SIV	Santiago	41.62 135	P	P	15 20 13.0	+0.7
SIV	comp-Z, 2.9nm, 0.6s, baz=314, slow=9.0, SNR=15		PcP	PcP	15 22 08.0	+0.7
FFC	Flin Flin	41.69 350	eP	P	15 20 11.6	-0.7
SCHO	Schefferville	44.83 19	P	P	15 20 36.1	-1.4
SCHO	comp-Z, 2.4nm, 0.5s, baz=220, slow=6.5, SNR=42		LR	LR	15 39 49.6	
BDFB	Brasilia	51.30 123	P	P	15 21 27.3	-0.8
CPUP	Villa Florida	51.44 141	P	P	15 21 28.5	-0.1
YKA	Yellowknife Ar	51.43 347	P	P	15 21 27.5	-0.6
ILAR	Eielson Array	63.47 337	P	P	15 22 51.6	-1.0
ESDC	Sonessa Array	76.57 170	P	P	15 24 22.0	-2.9
NOA	NORSAR Array B	83.55 29	LR	LR	16 00 55.6	
DBIC	Dimbokro	84.27 85	P	P	15 24 51.2	-3.5
DBIC	comp-Z, 4.2nm, 0.8s, baz=223, slow=3.7, SNR=4.0		LR	LR	15 01 37.1	
TORD	Torodi Ar. Bea	89.04 77	P	P	15 25 13.4	-4.5
TORD	comp-Z, 0.4nm, 0.5s, baz=217, slow=4.3, SNR=4.3		LR	LR	16 04 38.6	
KURK	Kurchatov	114.95 8	PKP	PKPdf	15 31 01.9	-0.7
KURB	Kurchatov Arra	115.03 8	PKP	PKPdf	15 31 01.9	-0.8
KSRS	Korea Array	117.40 326	PKP	PKPdf	15 31 08.0	+0.3
KSAR	Wonju Array Be	117.43 326	PKP	PKPdf	15 31 08.0	+0.2
BOSA	Boshof	119.05 115	PKP	PKPdf	15 31 11.3	+0.1
MKAR	Makanchi Array	119.23 6	PKP	PKPdf	15 31 10.4	-0.6
HHC	Hu-ho-hao-te	121.78 340	eP	PKP	15 31 17.3	+1.1
HHC	comp-Z, 3.7nm, 8.5s		PKP	PKP	15 32 53.9	+4.4
HHC	comp-Z, 1.4nm, 0.6s, baz=88, slow=11, SNR=11		SKKS	SKKS	15 39 35.6	
HHC	comp-Z, 0.4nm, 0.8s, baz=108, slow=3.6, SNR=6.7		SS	SS	15 49 20.3	+3.4
WMQ	Urumqi	122.52 1	PKP	PKPdf	15 31 16.8	-0.7
WMQ	comp-Z, 3.8nm, 21.8s		LE	LE	15 32 55.0	
WMQ	comp-Z, 4.3nm, 23.3s		LZ	LZ	15 32 55.0	
CD2	Chengdu	133.35 343	PKP	PKPdf	15 31 36.6	-1.9
GYA	Guyang	136.51 337	eP	PKP	15 28 47.0	-3.5
GYA	comp-Z, 0.6nm, 0.6s, baz=364, slow=2.5, SNR=6.5		PKP	PKPdf	15 31 42.8	-1.8
GYA	comp-Z, 0.8nm, 0.6s, baz=15, slow=1.0, SNR=5.2		PKP	PKP	15 32 35.5	-1.7
GYA	comp-Z, 0.2nm, 0.4s, baz=297, slow=1.5, SNR=6.4		PKP	PKP	15 34 27.1	+1.4
WRA	Warrungarra Arr	136.73 256	PKP	PKPdf	15 31 46.1	+1.2
ASAR	Alice Springs	136.96 250	PKHkP	PKPpre	15 31 36.9	
ASAR	comp-Z, 0.7nm, 0.7s, baz=106, slow=3.6, SNR=6.7		PKP	PKPdf	15 31 46.9	+1.6
CHTO	Chiang Mai	146.16 344	ePKPbc	PKPdf	15 32 01.6	-0.2
CMAR	Chiang Mai Arr	146.50 344	PKPbc	PKPdf	15 32 02.8	+0.3
ISCB	18 15:17:09.9:0.5, 37:20N:0:03:-28:19E:0:04, h5km, 12km, Error ellipse: s-maj=5.9km s-min=4.6km az=15.8					

ISK	18 15:17:09.3:37:17N:28:14E, h5km, MD2.6					
CSEM	18 15:17:09.8:0.2, 37:23N:28:21E, h2km, MD2.6, Error ellipse: s-maj=5.0km s-min=4.1km az=47.0					

Table with columns for station name, frequency, power, and other technical details. Includes stations like KSBON Boeun, TAJON Taegon, KSTBA Taebaek, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like DLV T Lat, TIA Tai'an, TIA TIA, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BJI comp=Z,20um,27.6s, BJI comp=Z,48um,28.2s, GYA Gyuang, etc.

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Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes stations like POHA, ZALV, HYB, GAMB, DDI, etc.

2010 AUG

Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes stations like EKS2, EKS2, EKS2, etc.

18d 16h

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

SWSC	Sam W. Stewart	93.81	55	P	P	16 41 32.9	-0.7
DUG	Dugway	93.83	48	eP	P	16 41 33.3	-0.4
DUG	comp=Z,15nm,1.2s				MLR		
DUG	comp=Z,5um,20.0s				MLR		
DUG	Dugway	93.83	48	P	P	16 41 33.0	-0.7
DUG	Dugway	93.83	48	eP	P	16 41 33.3	-0.4
DUG	comp=Z,15nm,1.2s				LR		
IMW	Indian Meadow	93.86	44	eP	P	16 41 34.1	+0.1
H17A	Grant Village	93.93	43	eP	P	16 41 35.3	+1.0
H17A	Grant Village	93.93	43	eP	P	16 41 34.6	+0.4
FLWY	Flagg Ranch	93.96	43	eP	P	16 41 33.2	+1.1
IRM	Iron Mountain	93.96	54	P	P	16 41 34.0	-0.3
LKWY	Lake	93.98	43	PFAKE	LR	16 41 50.0	+15
LKWY	comp=Z,5um,19.0s				LR		
TPAW	Teton Pass	94.00	44	eP	P	16 41 33.0	-1.6
GCMT	Greycliff	94.02	42	eP	P	16 41 34.3	-0.2
MOOW	Moose Ponds	94.05	44	eP	P	16 41 34.7	-0.1
AHID	Auburn Hatcher	94.16	45	PFAKE	LR	16 41 50.0	+15
AHID	comp=Z,3um,20.0s				LR		
AKASG	Malin Array Be	94.19	324	P	P	16 41 32.4	-2.6
AKASG	comp=Z,6.9nm,1.0s,baz=54,slow=4.1,SNR=30				LR		
NEE2	Needles Airpor	94.20	50	eP	P	16 41 34.4	-0.9
KIEV	Kiev	94.21	324	eP	P	16 41 32.6	-2.4
KIEV	comp=Z,14nm,1.3s				P		
KIEV	comp=Z,23nm,1.2s				LR		
KIEV	comp=Z,12um,22.0s				LR		
WHUT	Hardware Ranch	94.24	46	PFAKE	LR	16 41 50.0	+14
HWUT	HWUT				LR		
NLU	North Lily Min	94.44	48	eP	P	16 41 36.3	-0.3
JMIC	Jan Mayen	94.50	351	eP	P	16 41 33.7	-2.2
JMIC	comp=Z,25nm,1.6s				PP		
JMIC	comp=Z,25nm,1.6s				eP		
RLMT	Red Lodge	94.53	42	eP	P	16 41 37.1	+0.2
RLMT	Red Lodge	94.53	42	eP	P	16 41 36.6	-0.4
GLA	Glamis	94.56	55	P	P	16 41 35.7	-1.4
Y12C	Blythe	94.58	54	P	P	16 41 36.9	-0.2
FFC	Flin Flin	94.67	31	eP	P	16 41 35.8	-1.3
FFC	comp=Z,44nm,1.4s				MLR		
FFC	comp=Z,6um,22.0s				P		
FFC	comp=Z,44nm,1.4s				LR		
PDMA	Parker Dam,Lak	94.72	54	P	P	16 41 37.5	-0.2
H19C	Powell	94.88	42	P	P	16 41 38.5	0.0
H19A	Meeteetse	95.12	43	P	P	16 41 39.4	-0.3
BW06	Boulder Array	95.21	44	PFAKE	LR	16 41 50.0	+10
BW06	comp=Z,4um,21.0s				LR		
SUMG	Summit	95.37	360	iP	P	16 41 42.3	+1.9
SUMG	comp=Z,2um,20.0s				eP		
SUMG	Summit	95.37	360	eP	P	16 41 40.3	-0.1
SUMG	comp=Z,32nm,1.2s				eP		
J19A	Crowheart	95.37	44	P	P	16 41 40.0	-0.8
BRTR	Keskin Array B	95.58	312	P	P	16 41 39.2	-2.6
BRTR	comp=Z,4.8nm,0.9s,baz=90,slow=3.7,SNR=13				LR		
H20A	Greybull	95.61	42	P	P	16 41 41.2	-0.6
I20A	Worland	95.73	43	P	P	16 41 41.7	-0.6
LAO	LASA Array	95.86	40	P	P	16 41 42.3	-0.5
LAO	LASA Array	95.86	40	PFAKE	LR	16 41 50.0	+7.2
J20A	Shoshoni	95.99	43	P	P	16 41 43.2	-0.4
KIS	Kishinev	96.00	321	eP	P	16 41 40.0	-3.3
KIS	Kishinev	96.00	321	ePP	PP	16 45 44.0	+8.6
KIS	Kishinev	96.00	321	eP	P	16 46 30.0	
KIS	Kishinev	96.00	321	ePPP	PPP	16 47 50.0	
KIS	Kishinev	96.00	321	eSKS	SKS	16 52 22.0	+3.0
KIS	Kishinev	96.00	321	iPS	PS	16 52 50.0	+6.5
KIS	Kishinev	96.00	321	iPPS	PPS	16 54 28.0	+6.0
KIS	Kishinev	96.00	321	eSS	SS	16 59 34.0	+2.7
KIS	Kishinev	96.00	321	eLRM	MLR	17 25 20.0	
KIS	Kishinev	96.00	321	eP	P	16 41 40.0	-3.3
KIS	Kishinev	96.00	321	eS	S	16 45 44.0	+8.6
KIS	Kishinev	96.00	321	iPS	PS	16 52 50.0	-1.1
KIS	Kishinev	96.00	321	eSS	SS	16 54 28.0	+6.0
KIS	Kishinev	96.00	321	eMLR	MLR	16 59 34.0	+2.7
KIS	Kishinev	96.00	321	eP	P	16 41 40.0	-3.3
KIS	Kishinev	96.00	321	eS	S	16 45 44.0	+8.6
KIS	Kishinev	96.00	321	iPS	PS	16 52 50.0	-1.1
KIS	Kishinev	96.00	321	eSS	SS	16 54 28.0	+6.0
KIS	Kishinev	96.00	321	eMLR	MLR	16 59 34.0	+2.7
ANTO	Ankara	96.14	313	PFAKE	LR	16 42 00.0	+16
ANTO	comp=Z,4um,22.0s				LR		
H21A	Big Horn, Sher	96.18	42	P	P	16 41 43.5	-0.9
DGMT	Dagmar	96.33	38	P	P	16 41 43.5	-1.3
DGMT	Dagmar	96.33	38	PFAKE	LR	16 42 00.0	+15
DGMT	Dagmar	96.33	38	P	P	16 41 44.1	-1.1
J21A	Lysite	96.42	43	P	P	16 41 44.7	-0.9
WUAZ	Wupatki	96.47	52	P	P	16 41 45.6	-0.4
WUAZ	Wupatki	96.47	52	PFAKE	LR	16 42 00.0	+14
214A	Organ Pipe Nat	96.52	55	P	P	16 41 46.1	0.0
214A	Organ Pipe Nat	96.52	55	eP	P	16 41 45.6	-0.4
H22A	Clearmont	96.64	42	P	P	16 41 46.4	0.0
SCO	Scorebysund	96.69	354	iP	P	16 41 50.2	+4.3
SCO	Scorebysund	96.69	354	eP	P	16 41 50.2	+4.3
A25A	Svangstu Ranch	96.76	37	P	P	16 41 45.8	-1.0
I22A	9 Mile Ranch,	96.84	42	P	P	16 41 46.6	-0.8
MAW	Mawson	96.95	202	P	P	16 41 46.5	-0.5
B25A	Knox Farm, Ray	97.04	37	P	P	16 41 47.7	-0.4
J22A	Midwest	97.04	43	P	P	16 41 47.0	-1.3
NB2	NORSAR Subarra	97.10	338	P	P	16 41 45.9	-2.2

NB2	NORSAR Subarra	97.10	338	P	P	16 41 45.9	-2.2
NOA	NORSAR Ray	97.10	338	P	P	16 41 46.2	-1.8
NOA	comp=Z,7.1nm,0.8s,baz=51,slow=4.8,SNR=16				LR		
O20A	White River Ci	97.12	46	P	P	16 41 47.9	-0.9
CFR	Caraliu	97.20	319	iP	P	16 41 46.1	-2.7
CFR	Caraliu	97.20	319	iP	P	16 41 46.1	-2.7
C25A	Frederic Ranch, W	97.23	38	P	P	16 41 47.8	-1.2
K22A	Casper	97.32	44	P	P	16 41 48.3	-1.4
A26A	Wade Farm, Ken	97.41	37	P	P	16 41 48.8	-0.9
D25A	Fairfield	97.45	39	P	Pdiff	16 41 50.0	0.0
I23A	Mesade Ranch, G	97.48	42	P	P	16 41 48.2	-2.2
CSS	Prodhromos	97.49	308	eP	P	16 41 50.1	-0.3
CSS	comp=Z,4.3nm,1.0s				LR		
TLB	Topalu	97.52	319	iP	P	16 41 48.6	-1.6
TLB	Topalu	97.52	319	iP	P	16 41 48.6	-1.6
B26A	Jensen Ranch,	97.54	37	P	P	16 41 49.6	-0.7
TESR	Tescani	97.56	321	iP	P	16 41 49.3	-1.1
LVV	L'vov	97.56	325	eP	Pdiff	16 41 54.8	+4.4
LVV	L'vov	97.56	325	eP	P	16 45 48.0	
LVV	L'vov	97.56	325	eP	SS	16 52 24.0	
LVV	L'vov	97.56	325	eP	SS	16 54 46.0	+7.0
LVV	L'vov	97.56	325	eP	SS	17 00 06.0	+13
J23A	Dilts Ranch, B	97.66	43	P	Pdiff	16 41 52.2	+1.0
E25A	Miller Ranch,	97.69	39	P	P	16 41 50.2	-0.9
AKN	Aaknes	97.78	340	eP	P	16 41 50.9	-0.2
AKN	Aaknes	97.78	340	eP	PP	16 45 51.7	+3.0
AKN	Aaknes	97.78	340	eP	SS	17 00 08.4	+13
AKN	Aaknes	97.78	340	eP	IAMs_20	17 26 31.6	
VRI	Vrincioia	97.79	320	iP	P	16 41 50.1	-1.4
VRI	Vrincioia	97.79	320	iP	P	16 41 50.1	-1.4
A27A	Ledoux Ranch,	97.84	36	P	P	16 41 51.2	-0.4
W18A	Petrified Fore	97.87	52	P	P	16 41 52.2	-0.1
C26A	Wahner Ranch, P	97.88	38	P	P	16 41 51.2	-0.7
K23A	Bowen Ranch, D	97.88	43	P	P	16 41 49.8	-2.4
ABPO	Ambohimpanom	97.90	252	PFAKE	LR	16 42 00.0	+7.3
ABPO	Ambohimpanom	97.90	252	PFAKE	LR	16 42 00.0	+7.3
F25A	Bowman	97.92	40	P	P	16 41 50.7	-1.4
BURAR	Bucovina Array	97.92	322	iP	P	16 41 50.9	-1.2
BURAR	Bucovina Array	97.92	322	iP	P	16 41 50.9	-1.2
BURAR	Bucovina Array	97.92	322	iP	P	16 41 52.8	-0.3
MVCO	Mesa Verde	98.04	49	PFAKE	LR	16 42 00.0	+6.9
MVCO	Mesa Verde	98.04	49	PFAKE	LR	16 42 00.0	+6.9
D26A	Manning	98.04	38	P	P	16 41 52.0	-0.6
B27A	Peters Farms,	98.10	37	P	P	16 41 51.8	-1.0
G25A	Newell	98.27	40	P	P	16 41 52.8	-0.9
J24A	Dixon Ranch, L	98.28	42	P	P	16 41 52.5	-1.4
C27A	Saylor Ranch,	98.28	37	P	P	16 41 51.8	-1.8
E26A	Carlson Angus	98.28	39	P	P	16 41 52.7	-1.0
BEL	Beisk	98.32	327	eP	P	16 41 50.7	-3.0
BEI	Beisk	98.32	327	eP	P	16 41 50.7	-3.0
KWP	Kalwaria Pacla	98.41	325	eP	PP	16 41 53.4	-0.7
KWP	Kalwaria Pacla	98.41	325	eP	PP	16 45 58.0	+4.2
KWP	Kalwaria Pacla	98.41	325	eP	LMZ	17 22 15.4	
KWP	Kalwaria Pacla	98.41	325	eP	LMZ	16 41 53.5	-0.7
KWP	Kalwaria Pacla	98.41	325	eP	MLR	16 45 58.0	
H25A	Fruitdale	98.41	41	Pdiff	P	16 41 53.7	-0.7
A28A	Rude Farm, Bot	98.43	36	Pdiff	P	16 41 53.5	-0.8
N23A	Red Feather La	98.43	45	Pdiff	P	16 41 53.2	-1.6
K24A	Anderson Ranch	98.44	43	Pdiff	P	16 41 53.6	-1.1
F26A	Lodgepole	98.44	40	Pdiff	P	16 41 53.6	-0.9
CRZF	Crozet Islands	98.52	224	SS	SS	16 59 53.0	-15
CRZF	Crozet Islands	98.52	224	SS	SS	17 15 00.0	-15
ISP	Isparta	98.55	312	PFAKE	LR	16 42 10.0	+15
D27A	Center	98.56	38	Pdiff	P	16 41 53.7	-1.2
I25A	Rochford	98.59	41	Pdiff	P	16 41 54.1	-1.2
B28A	Dugan Ranch, T	98.60	36	Pdiff	P	16 41 53.5	-1.6
KONO	Kongsberg	98.63	338	PFAKE	LR	16 42 10.0	+15
KONO	Kongsberg	98.63	338	PFAKE	LR	16 42 10.0	+15
KONO	Kongsberg	98.63	338	eP	Pdiff	16 41 58.8	+3.8
KONO	Kongsberg	98.63	338	eP	PP	16 45 53.3	+0.2
KONO	Kongsberg	98.63	338	eSKS	SKS	16 52 5.5	+0.4
KONO	Kongsberg	98.63	338	eSS	SS	17 00 10.0	+2.5
KONO	Kongsberg	98.63	338	eIAMs_20	IAMs_20	17 24 54.5	
G26A	Maurine	98.74	40	Pdiff	P	16 41 54.5	-1.3
J25A	Sunshine Ranch	98.82	42	Pdiff	P	16 41 54.8	-1.5
F27A	Leannon	98.83	39	Pdiff	P	16 41 54.7	-1.5
E27A	Carson	98.85	39	Pdiff	P	16 41 55.0	-1.3
H26A	Fairpoint	98.94	41	Pdiff	P	16 41 55.9	-0.8
C28A	Hausauer Farms	98.94	37	Pdiff	P	16 41 55.4	-1.2
KOLS	Kolonick sedl	99.00					

18d 16h

Table with columns for various ranch names (e.g., VYHS, KSP, AGMN), numerical values, and status indicators (eP, Pdif, etc.).

2010 AUG

Table with columns for ranch names (e.g., PRU, H32A, S28A), numerical values, and status indicators (eP, Pdif, etc.).

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Table with columns for ranch names (e.g., TIR, Q32A, V30A), numerical values, and status indicators (PFAKE, LR, etc.).

S35A	Otter Creek Ra	106.53	44	Pdiff	Pdif	16 42 30.2	-0.4
ABTX	Abilene, Hawle	106.55	50	Pdiff	Pdif	16 42 28.9	-1.9
V34A	Guthrie	106.61	47	Pdiff	Pdif	16 42 28.6	-2.4
431A	Sonora	106.66	53	Pdiff	Pdif	16 42 29.2	-2.2
Y33A	Hilltop Ranch,	106.67	49	Pdiff	Pdif	16 42 29.6	-1.7
W34A	Bridge Creek,	106.72	47	Pdiff	Pdif	16 42 29.7	-1.8
R36A	Gordon, Harris	106.76	44	Pdiff	Pdif	16 42 29.7	-1.9
T35A	Sooner Cattle	106.78	45	Pdiff	Pdif	16 42 29.4	-2.4
BCLA	Clavier	106.82	332	PP	PP	16 46 56.5	-0.2
BFO	Black Forest	106.83	329	PFAKE	LR	16 46 50.0	
232A	Coleman	106.87	51	Pdiff	Pdif	16 42 28.3	-4.0
U35A	Pawnee	106.90	46	Pdiff	Pdif	16 42 29.6	-2.7
Z33A	Whitaker Ranch	106.91	49	Pdiff	Pdif	16 42 30.9	-1.4
531A	Rocksprings	106.93	53	Pdiff	Pdif	16 42 32.7	+0.1
WLF	Walford	106.96	331	PP	PP	16 47 02.7	+4.9
WLF	Walford	106.96	331	PFAKE	LR	16 46 50.0	
X34A	Smith Ranch, M	106.97	48	Pdiff	Pdif	16 42 32.3	-0.3
S36A	Lake Cedric, C	107.01	44	Pdiff	Pdif	16 42 32.8	+0.1
332A	Millersview	107.03	52	Pdiff	Pdif	16 42 32.0	-0.9
133A	Hamilton Ranch	107.10	50	Pdiff	Pdif	16 42 31.7	-1.5
V35A	Meyer Ranch, C	107.13	46	Pdiff	Pdif	16 42 32.6	-0.7
T36A	Boggs Farm, Ca	107.15	45	Pdiff	Pdif	16 42 31.3	-2.0
Q37A	Longview Farm,	107.17	43	Pdiff	Pdif	16 42 32.2	-1.2
432A	Menard	107.21	52	Pdiff	Pdif	16 42 32.8	-1.0
R37A	Teagarden Farm	107.22	43	Pdiff	Pdif	16 42 31.0	-2.6
631A	Perdido Creek	107.23	54	Pdiff	Pdif	16 42 33.7	-0.2
Y34A	Reagan Ranch,	107.33	48	Pdiff	Pdif	16 42 33.4	-0.8
JCT	Junction City	107.38	53	Pdiff	Pdif	16 42 31.8	-2.7
JCT	Junction City	107.38	53	PFAKE	LR	16 46 50.0	
233A	Rising Star	107.38	51	Pdiff	Pdif	16 42 34.0	-0.6
W35A	Tecumseh	107.40	47	Pdiff	Pdif	16 42 32.2	-2.3
532A	Rocksprings	107.45	53	Pdiff	Pdif	16 42 33.2	-1.6
ECH	Echery	107.48	330	PFAKE	LR	16 46 50.0	
TIP	Timpagrande	107.49	318	PFAKE	LR	16 46 50.0	
Z34A	Collier Ranch,	107.50	49	Pdiff	Pdif	16 42 33.7	-1.2
S37A	Fort Scott	107.51	44	Pdiff	Pdif	16 42 33.7	-1.2
TUE	Stuetta	107.53	328	PFAKE	LR	16 46 50.0	
JFWS	Jewell Farm	107.55	37	PFAKE	LR	16 46 50.0	
U36A	Oologah	107.59	45	Pdiff	Pdif	16 42 32.6	-2.7
333A	Richland Sprin	107.63	51	Pdiff	Pdif	16 42 32.3	-3.4
CUC	Castroucco	107.66	319	PFAKE	LR	16 46 50.0	
X35A	Drake	107.69	48	Pdiff	Pdif	16 42 33.7	-2.2
134A	White-Moore Ra	107.75	50	Pdiff	Pdif	16 42 33.8	-2.3
V36A	Jenks	107.75	46	Pdiff	Pdif	16 42 34.2	-1.8
T37A	Cheneyville 18	107.78	44	Pdiff	Pdif	16 42 35.5	-0.6
TUL1	Tulsa	107.79	46	Pdiff	Pdif	16 42 34.3	-1.9
AQU	L'Aquila	107.80	322	PFAKE	LR	16 47 00.0	
433A	Art	107.81	52	Pdiff	Pdif	16 42 34.8	-1.6
632A	Uvalde	107.81	53	Pdiff	Pdif	16 42 34.4	-2.1
W36A	Wetumka	107.87	47	Pdiff	Pdif	16 42 34.4	-2.2
Y35A	Marietta	107.89	48	Pdiff	Pdif	16 42 34.9	-1.8
234A	Clairette	107.97	50	Pdiff	Pdif	16 42 36.8	-0.3
732A	Laxson Ranch,	108.00	54	Pdiff	Pdif	16 42 34.7	-2.6
Z35A	Perchaven, San	108.00	49	Pdiff	Pdif	16 42 36.0	-1.2
U37A	Salina	108.01	45	Pdiff	Pdif	16 42 35.5	-1.6
X36A	Centrahoma	108.06	47	Pdiff	Pdif	16 42 36.1	-1.3
533A	Kerrville	108.15	53	Pdiff	Pdif	16 42 35.4	-2.6
832A	Faith Ranch, C	108.19	55	Pdiff	Pdif	16 42 37.2	-0.9
334A	Lometa	108.20	51	Pdiff	Pdif	16 42 35.9	-2.2
135A	Vickery Place,	108.25	50	Pdiff	Pdif	16 42 37.3	-1.0
V37A	Hulbert	108.26	46	Pdiff	Pdif	16 42 35.6	-2.7
633A	Saathoff Ranch	108.31	53	Pdiff	Pdif	16 42 36.6	-2.1
434A	Burnet	108.41	52	Pdiff	Pdif	16 42 38.5	-0.6
W37A	Quinton	108.44	46	Pdiff	Pdif	16 42 39.8	+0.7
Y36A	Durant	108.44	48	Pdiff	Pdif	16 42 39.4	+0.3
WHXT	Lake Whitney	108.48	50	Pdiff	Pdif	16 42 38.6	-0.7
U38A	Gravette	108.50	45	Pdiff	Pdif	16 42 36.9	-2.5
733A	Divot King Ran	108.54	54	Pdiff	Pdif	16 42 39.6	0.0
534A	Blanco	108.61	52	Pdiff	Pdif	16 42 38.4	-1.5
833A	Chaparral WMA,	108.63	54	Pdiff	Pdif	16 42 39.8	-0.3
Z36A	Blue Ridge	108.63	49	Pdiff	Pdif	16 42 41.5	+1.5
X37A	Clayton	108.75	47	Pdiff	Pdif	16 42 40.4	-0.1
V38A	Canehill	108.78	45	Pdiff	Pdif	16 42 40.2	-1.5
335A	Moody	108.84	51	Pdiff	Pdif	16 42 40.2	-0.8
Y37A	Hugo	108.88	48	Pdiff	Pdif	16 42 38.2	-2.9
136A	Ennis	108.94	49	Pdiff	Pdif	16 42 40.4	-1.0
435B	Jarrell	108.95	51	Pdiff	Pdif	16 42 39.5	-1.9
634A	China Grove, S	108.99	53	Pdiff	Pdif	16 42 37.9	-3.8
SCHO	Schefferville	109.02	17	PKPbc	PKPbc	16 57 50.9	-3.9
933A	Laredo	109.03	55	Pdiff	Pdif	16 42 41.9	0.0
734A	La Parita Cree	109.07	54	Pdiff	Pdif	16 42 42.4	+0.4

X38A	Whitesboro	109.10	47	Pdiff	Pdif	16 42 41.5	-0.6
W38A	Poteau	109.11	46	Pdiff	Pdif	16 42 41.5	-0.6
236A	Katherine and	109.17	50	Pdiff	Pdif	16 42 44.3	+1.9
336A	Riesel	109.23	50	Pdiff	Pdif	16 42 40.9	-1.8
Z37A	Pogue Cattle C	109.26	48	Pdiff	Pdif	16 42 38.8	-4.0
535A	Dale	109.30	52	Pdiff	Pdif	16 42 42.4	-0.7
834A	Tilden	109.39	54	Pdiff	Pdif	16 42 37.8	-5.7
635A	Leesville	109.44	53	Pdiff	Pdif	16 42 42.2	-1.5
137A	Heron	109.46	49	Pdiff	Pdif	16 42 43.9	+0.2
GLMI	Grayling	109.51	33	PFAKE	LR	16 47 00.0	
HDIL	Hopedale	109.52	39	PFAKE	LR	16 47 00.0	
Y38A	Idabel	109.54	47	Pdiff	Pdif	16 42 40.6	-3.4
436A	Wall Ranch, Ga	109.55	51	Pdiff	Pdif	16 42 42.0	-2.2
934A	Benavides	109.64	55	Pdiff	Pdif	16 42 40.8	-3.8
735A	Kennedy	109.65	53	Pdiff	Pdif	16 42 42.6	-2.0
536A	Bastrop	109.67	52	Pdiff	Pdif	16 42 43.1	-1.6
Z38A	Mt. Pleasant	109.70	48	Pdiff	Pdif	16 42 40.9	-3.8
237A	Washetta, Mont	109.71	49	Pdiff	Pdif	16 42 40.9	-3.9
034A	Hebronville	109.75	55	Pdiff	Pdif	16 42 44.5	-0.5
BNI	Bardonecchia	109.87	328	PFAKE	LR	16 47 00.0	
835A	Beaville	109.89	54	Pdiff	Pdif	16 42 43.9	-1.8
138A	Matatal Enter	109.92	49	Pdiff	Pdif	16 42 44.4	-1.4
636A	Smothers Creek	109.95	52	Pdiff	Pdif	16 42 45.8	-0.2
Y39A	Lockesburg	109.99	47	Pdiff	Pdif	16 42 44.5	-1.5
MIAR	Mount Ida	110.05	46	Pdiff	Pdif	16 42 43.7	-2.6
MIAR	Mount Ida	110.05	46	PFAKE	LR	16 47 00.0	
KVXT	Kingsville	110.17	55	PFAKE	LR	16 47 00.0	
736A	Circle Diamond	110.18	53	Pdiff	Pdif	16 42 47.1	+0.1
238A	Jacksonville	110.22	49	Pdiff	Pdif	16 42 45.3	-1.8
537A	Green Hill Far	110.24	51	Pdiff	Pdif	16 42 45.9	-1.4
Z39A	Irene McRaven,	110.28	48	Pdiff	Pdif	16 42 46.1	-1.3
338A	Crockett	110.39	50	Pdiff	Pdif	16 42 47.0	-0.9
139A	Bunkhouse Ran	110.42	48	Pdiff	Pdif	16 42 48.8	+0.8
MBAR	Mbarara	110.42	274	PFAKE	LR	16 47 00.0	
035Z	Hargill	110.50	56	Pdiff	Pdif	16 42 49.9	+1.4
637A	Eagle Lake	110.53	52	Pdiff	Pdif	16 42 50.8	+2.3
438A	Sam Houston St	110.56	50	Pdiff	Pdif	16 42 49.9	+1.3
NATX	Nacogdoches	110.68	49	PFAKE	LR	16 47 00.0	
239A	Gary	110.69	49	Pdiff	Pdif	16 42 48.9	-0.3
CLTB	Cattalobotta	110.69	318	PFAKE	LR	16 47 00.0	
WDD	Wield Dalam	110.78	316	PFAKE	LR	16 47 00.0	
538A	Harpers Horse	110.81	51	Pdiff	Pdif	16 42 51.3	+1.6
SSB	Saint Sauveur	110.81	329	PFAKE	LR	16 47 00.0	
SFIN	Scholer Farm	110.96	38	Pdiff	Pdif	16 42 51.0	+0.8
339A	Huntington	110.97	49	Pdiff	Pdif	16 42 52.0	+1.6
439A	Center Grove,	111.07	50	Pdiff	Pdif	16 42 52.2	+1.3
340A	Bronson	111.42	49	Pdiff	Pdif	16 42 53.3	+0.9
AAM	Ann Arbor	111.71	34	PFAKE	LR	16 47 00.0	
VSL	Villasalto	111.96	322	PFAKE	LR	16 47 00.0	
VBMS	Vicksburg	113.45	47	Pdiff	Pdif	16 43 02.4	+0.9
ACSO	Alum Creek Sta	113.47	36	PFAKE	LR	16 47 10.0	
LONY	Lake Ozonia	114.61	28	PFAKE	LR	16 47 10.0	+13
NCB	Newcomb	115.28	28	PFAKE	LR	16 47 10.0	+12
LSZ	Lusaka	115.39	259	ePKP	PKP	16 46 58.0	-0.9
LSZ	Lusaka	115.39	259	ePKP	PKP	16 46 58.0	-0.9
SET	Setif	116.48	321	P	PP	16 48 04.0	-2.5
BRAL	Brewton	116.57	46	PFAKE	LR	16 47 10.0	+9.4
SNA	Sanae	116.83	192	P	PKP	16 46 58.9	-1.1
SNA	Sanae	116.83	192	ePKP	PKP	16 46 59.4	-0.8
BLA	Blacksburg	116.98	37	PFAKE	LR	16 47 10.0	+8.7
KMSC	Kings Mountain	117.81	39	Pdiff	Pdif	16 43 20.6	-0.2
VNA2	Neumayer-Watz	118.31	191	P	PKP	16 47 02.1	-0.7
VNA1	Neumayer-Siat	118.70	191	P	PKP	16 47 02.8	-0.6
TIGA	Tifton	118.71	44	Pdiff	Pdif	16 43 28.0	+3.2
BOSA	Boshof	118.73	244	PKP	PKP	16 47 04.8	-0.2
PBRG	Braganca	118.79	333	ePP	PP	16 48 24.9	+2.9
ESDC	Sonsecra Array	119.18	330	PP	PP	16 48 26.2	+1.3
ESDC	Sonsecra Array	119.18	330	ePKP	PKP	16 48 26.2	+1.3
PGAV	Gaviera, Arco	119.31	335	ePP	PP	16 48 32.5	+6.8
PCAB	Cabril	119.42	334	ePP	PP	16 48 27.1	+0.8
MVO	Moncorvo	119.43	333	ePP	PP	16 48 30.1	+3.6
MVO	Moncorvo	119.43	333	eSKS	SS	16 47 05.0	+7.1
MVO	Moncorvo	119.43	333	eLR	LR	16 47 29.0	
PAB	San Pablo	119.47	330	PFAKE	LR	16 47 20.0	+1.4
POLO	Lamas de Oio	119.60	334	ePP	PP	16 48 33.1	+5.4
POLO	Lamas de Oio	119.60	334	eSKS	SS	16 47 04.7	-2.2
PVRL	Vila Real	119.64	334	ePP	PP	16 48 37.1	+9.2
CNNC	Cliffs of the	119.81	37	PFAKE	LR	16 47 20.0	+13

CNNC	comp=Z,4um,20.0s			LR	LR		
NHSC	New Hope	119.87	40	PFAKE	LR	16 47 20.0	+13
PNV	Visu	120.18	333	ePP	PP	16 48 34.5	+2.9
MTE	Manteigas	120.28	333	ePP	PP	16 48 35.6	+3.3
MTE	Manteigas	120.28	333	eSKS	SS	17 04 59.4	+0.6
MTE	Manteigas	120.28	333	eLR	LR	17 27 46.2	
MTE	Manteigas	120.28	333</				

18d 19h

mb1 3.7/3, mb1mx3.4/35, mbtmp3.5/3, MS3.9/2, Ms1 3.9/2, s-min=28.9km az=77.0, Western Caroline Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Port Moresby, Warramunga Arr, ASAR Alice Springs, DZM Mont Dzumac, MKAR Makanchi Array.

IDC 18 17:58:51.8:1.4, 12'26"N-141'36"E, h0km, mb3.5/4, mb1 3.7/5, mb1mx3.5/37, mbtmp3.5/5, ML3.9/1, Error ellipse: s-maj=33.6km s-min=26.7km az=79.0, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Guam, WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, MKAR Makanchi Array.

GUC 18 18:17:16.5:0.8, 36'39"S-72'96"W, h33km, 3km, ML3.9, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like U14B Concepcin, CCSP San Pedro de O, COCH Cobquecura, U65B Hualae, U65B.

ISCJB 18 18:43:11.8:0.3, 42'25"N-0'05:85'09"E:0.0/4, h0km, mb4.0/18, Error ellipse: s-maj=7.4km s-min=4.0km az=13.4

IDC 18 18:43:11.8:0.6, 42'17"N:85'14"E, h0km, mb4.0/16, mb1 4.2/20, mb1mx4.1/35, mbtmp4.0/20, ML3.4/5, Error ellipse: s-maj=19.8km s-min=11.0km az=47.0

NNC 18 18:43:14.5:2.5, 42'25"N:85'07"E, h0km, mb4.2, mpv4.1, Error ellipse: s-maj=24.7km s-min=16.2km az=143.0

BUI 18 18:43:14.6:42'11"N:85'06"E, h8km, mb3.9/12, mb4.5/6, ML4.3/13, Ms3.7/1, Ms7.3/6/3

NEIC 18 18:43:17.1:0.7, 42'27"N:85'08"E, h36km, 8km, mb4.0/5, Error ellipse: s-maj=38.6km s-min=26.9km az=207.0

ISC 18 18:43:13.6:0.5, 42'28"N:0'06:85'10"E:0.0/4, h10km, ns9, s=1847/56, mb4.1/18, 11C-11D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WMQ Urumqi, WMQ, WMQ, PDGK Podgornoye, PDGK, PDGK, MK31 Makanchi Array, MK31, MKAR Makanchi Array, MKAR, MKAR, KNDC Almaty, KNDC, TKM2 Tokmak 2, TKM2, TKM2, KSH Kashi, KSH, KSH, AAK Ala-Archa, AAK, AAK, AAK, EK52 Erkin-Say, SFK Sufi-Kurgan, SFK, MNAS Manas, MNAS, KURBB Kurchatov Arra, KURBB, KURK Kurchatov, KK31 Karatay Arr, KK31, KKAR Karatay Arr, GTA Gaotai, GTA, GTA, GTA, ZALV Zalesovo Beam, ZALV, ZALV, CHCP Chirah Chowk, LSA Lhasa, THW Thamme Wali, BVAR Borovoye Arr, BVAR, BRVK Borovoye.

ISC 18 18:56:04.9:7.2, 12'23"N-140'78"E, h0km, mb3.4/4, mb1 3.5/4, mb1mx3.3/31, mbtmp3.4/4, Error ellipse: s-maj=309.6km s-min=27.1km az=78.0, Western Caroline Islands

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, KURBB Kurchatov Arra.

IDC 18 19:01:21.8:1.1, 12'15"N-141'30"E, h0km, mb3.6/4, mb1 3.7/4, mb1mx3.3/34, mbtmp3.6/4, Error ellipse: s-maj=299.1km s-min=28.0km az=79.0, South of Mariana Islands

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, KURBB Kurchatov Arra.

BUI 18 19:09:58.6, 37'85"N:77'62"E, h5km, ML3.7/8, Ms3.3/3, IDC 18 19:09:59.1:1.3, 37'86"N:77'50"E, h0km, mb3.6/5, mb1 3.7/10, mb1mx3.5/52, mbtmp3.6/10, ML3.4/5, Error ellipse: s-maj=23.9km s-min=22.3km az=136.0

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SONM Songoing Array, ULN Ulaanbaatar, AB31 Akbulak array, ABKAR Akbulak array, HHC Hu-to-hao-te, HHC, IMYA Miami, AKTO Aktyubinsk, GEYT Alibek, IAKL Akhmed, ISFR Sirayin, ARU Arti, KMI Kuming, KMI, ENH Bashi, CHTO Chiang Mai, CMAR Chiang Mai Arr, MDJ Mudatayig, KSAR Wonju Arr, KSRS Korea Arr, BRKS Keskin Arr, ATAS Malin Arr, FINES FINES Array, ARCES ARCES Array, NB2 NORPAR Subarra, NOA NORPAR Arr, GERES GERES Array, ESDC Sonesca Array, ILAR Eielson Array, TORD Torodi Arr, WRAB Tennant Creek, WRA Warramunga Arr, ASAR Alice Springs, LPAZ La Paz.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GUMO Guam, WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, MKAR Makanchi Array.

IDC 18 18:17:16.5:0.8, 36'39"S-72'96"W, h33km, 3km, ML3.9, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like U14B Concepcin, CCSP San Pedro de O, COCH Cobquecura, U65B Hualae, U65B.

GUC 18 18:17:16.5:0.8, 36'39"S-72'96"W, h33km, 3km, ML3.9, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like U14B Concepcin, CCSP San Pedro de O, COCH Cobquecura, U65B Hualae, U65B.

ISCJB 18 18:43:11.8:0.3, 42'25"N-0'05:85'09"E:0.0/4, h0km, mb4.0/18, Error ellipse: s-maj=7.4km s-min=4.0km az=13.4

IDC 18 18:43:11.8:0.6, 42'17"N:85'14"E, h0km, mb4.0/16, mb1 4.2/20, mb1mx4.1/35, mbtmp4.0/20, ML3.4/5, Error ellipse: s-maj=19.8km s-min=11.0km az=47.0

NNC 18 18:43:14.5:2.5, 42'25"N:85'07"E, h0km, mb4.2, mpv4.1, Error ellipse: s-maj=24.7km s-min=16.2km az=143.0

BUI 18 18:43:14.6:42'11"N:85'06"E, h8km, mb3.9/12, mb4.5/6, ML4.3/13, Ms3.7/1, Ms7.3/6/3

NEIC 18 18:43:17.1:0.7, 42'27"N:85'08"E, h36km, 8km, mb4.0/5, Error ellipse: s-maj=38.6km s-min=26.9km az=207.0

ISC 18 18:43:13.6:0.5, 42'28"N:0'06:85'10"E:0.0/4, h10km, ns9, s=1847/56, mb4.1/18, 11C-11D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WMQ Urumqi, WMQ, WMQ, PDGK Podgornoye, PDGK, PDGK, MK31 Makanchi Array, MK31, MKAR Makanchi Array, MKAR, MKAR, KNDC Almaty, KNDC, TKM2 Tokmak 2, TKM2, TKM2, KSH Kashi, KSH, KSH, AAK Ala-Archa, AAK, AAK, AAK, EK52 Erkin-Say, SFK Sufi-Kurgan, SFK, MNAS Manas, MNAS, KURBB Kurchatov Arra, KURBB, KURK Kurchatov, KK31 Karatay Arr, KK31, KKAR Karatay Arr, GTA Gaotai, GTA, GTA, GTA, ZALV Zalesovo Beam, ZALV, ZALV, CHCP Chirah Chowk, LSA Lhasa, THW Thamme Wali, BVAR Borovoye Arr, BVAR, BRVK Borovoye.

ISC 18 18:56:04.9:7.2, 12'23"N-140'78"E, h0km, mb3.4/4, mb1 3.5/4, mb1mx3.3/31, mbtmp3.4/4, Error ellipse: s-maj=309.6km s-min=27.1km az=78.0, Western Caroline Islands

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, KURBB Kurchatov Arra.

IDC 18 19:01:21.8:1.1, 12'15"N-141'30"E, h0km, mb3.6/4, mb1 3.7/4, mb1mx3.3/34, mbtmp3.6/4, Error ellipse: s-maj=299.1km s-min=28.0km az=79.0, South of Mariana Islands

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, KURBB Kurchatov Arra.

BUI 18 19:09:58.6, 37'85"N:77'62"E, h5km, ML3.7/8, Ms3.3/3, IDC 18 19:09:59.1:1.3, 37'86"N:77'50"E, h0km, mb3.6/5, mb1 3.7/10, mb1mx3.5/52, mbtmp3.6/10, ML3.4/5, Error ellipse: s-maj=23.9km s-min=22.3km az=136.0

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MK31 Makanchi Array, MK31, MKAR Makanchi Array, MKAR, WMQ Urumqi, KURBB Kurchatov Arr, GEYT Alibek, BVAR Borovoye Arr, ZALV Zalesovo Beam, AKTO Chiang Mai Arr, SONM Songoing Array, CMAR Chiang Mai Arr, FINES FINES Array, NB2 NORPAR Subarra, NOA NORPAR Arr, TORD Torodi Arr, Beza.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GUMO Guam, WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, MKAR Makanchi Array.

IDC 18 19:10:40.6:0.5, 18'23"S:0'04:69'00"W:0.0/6, h128km, mb4.2/6, Error ellipse: s-maj=8.4km s-min=5.2km az=25.9

IDC 18 19:10:42.6:1.0, 18'30"S:68'97"W, h132km, 8km, mb4.0/6, mb1 4.1/10, mb1mx3.7/32, mbtmp4.4/10, Error ellipse: s-maj=18.4km s-min=9.2km az=97.0

NEIC 18 19:10:43.4:0.8, 18'25"S:68'95"W, h139km, 7km, mb4.1/3, Error ellipse: s-maj=17.1km s-min=8.4km az=87.0

GUC 18 19:10:41.8:0.6, 18'31"S:0'04:69'01"W:0.0/7, h128km, ns26, s=1820/33, mb4.3/6, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MNMC Minimimi, MNMC, MNMC, PB11 IPOC Station P, PB11, PB11, LPAZ La Paz, LPAZ, LPAZ, LPAZ, PB01 IPOC Station P, PB01, PB01, LVC Limon Verde, LVC, SIV San Ignacio, SIV, NNA Nana, SAML Samuel, CFAA Coronel Ftop, CPUP Villa Florida, CPUP, BDFB Villa Florida, TRQA Torquist, DBIC Dimbokro, CCUT Cedar City, QSPA South Pole Qui, ULM Lac du Bonnet, NVAR Mina Array Be, TORD Torodi Arr, YKA Yellowknife Arr, ASAR Alice Springs, WRA Warramunga Arr, ZALV Zalesovo Beam, MJAR Matsushiro Arr, SONM Songoing Array.

ISCJB 18 19:20:02.1:0.7, 6'47"S:0'06:130'31"E:0.0/8, h90km, mb3.6/1, Error ellipse: s-maj=11.9km s-min=7.1km az=21.9

AUST 18 19:20:02.5:0.0, 6'31"S:130'17"E, h111km, Error ellipse: s-maj=1.5km s-min=0.8km az=292.0

IDC 18 19:20:03.1:1.9, 6'27"S:130'39"E, h134km, 22km, mb3.4/1, mb1 3.3/5, mb1mx3.0/32, mbtmp3.8/5, Error ellipse: s-maj=39.9km s-min=16.0km az=98.0

ISC 18 19:20:02.8:0.9, 6'40"S:0'07:120'29"E:0.0/9, h90km, n15, s=1996/15, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FAKI Fak Fak, SIJI Sorong, SIJI, SWI Sorong, MTN Mantad Dam, KDU Kakadu, SOEI Soe, BAEI Baumea, BATI, KNRA Kunurra, FITZ Fitzroy Crossi, FITZ, WRA Warramunga Arr, WRA, COEN Coen, ASAR Alice Springs, WRKA Warakuna, MKAR Makanchi Array.

ISCJB 18 19:20:02.1:0.7, 6'47"S:0'06:130'31"E:0.0/8, h90km, mb3.6/1, Error ellipse: s-maj=11.9km s-min=7.1km az=21.9

AUST 18 19:20:02.5:0.0, 6'31"S:130'17"E, h111km, Error ellipse: s-maj=1.5km s-min=0.8km az=292.0

IDC 18 19:20:03.1:1.9, 6'27"S:130'39"E, h134km, 22km, mb3.4/1, mb1 3.3/5, mb1mx3.0/32, mbtmp3.8/5, Error ellipse: s-maj=39.9km s-min=16.0km az=98.0

ISC 18 19:20:02.8:0.9, 6'40"S:0'07:120'29"E:0.0/9, h90km, n15, s=1996/15, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FAKI Fak Fak, SIJI Sorong, SIJI, SWI Sorong, MTN Mantad Dam, KDU Kakadu, SOEI Soe, BAEI Baumea, BATI, KNRA Kunurra, FITZ Fitzroy Crossi, FITZ, WRA Warramunga Arr, WRA, COEN Coen, ASAR Alice Springs, WRKA Warakuna, MKAR Makanchi Array.

MEX 18 19:33:48.6:0.5, 13'55"N:93'38"W, h17km, 88km, MD4.0

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

SKO 18 19:38:50.9, 41.82N, 22.92E, h15km, M2.4, ML2.7
ISCJB 18 19:38:50.3, 0.5, 41.81N, 0.02, 22.82E, 0.04, h14km, 3km,
Error ellipse: s-maj=5.0km s-min=3.2km az=148.1

BEO 18 19:38:51.6, 0.3, 41.80N, 22.80E, h14km, 3km, ML2.4/1
CSEM 18 19:38:51.3, 0.1, 41.85N, 22.83E, h10km, ML2.4, Error
ellipse: s-maj=3.3km s-min=2.4km az=40.0

SOF 18 19:38:51.2, 41.83N, 22.86E, h12km, MD2.6
ATH 18 19:38:53.4, 41.66N, 22.95E, h27km, MD3.1/6
ISC 18 19:38:53.0, 0.9, 41.80N, 0.02, 22.86E, 0.02, h16km, 7km,
n50, c0565/77, 5C, Northwestern Balkan Peninsula

Main station list table for the 1029 section, including stations like KKB, VAY, DZM, etc.

IDC 18 19:48:51.2, 3.4, 24.33N, 109.19W, h0km, mb3.3/1,
mb1 3.6/3, mb1mx3.5/9, mbtmp3.1/3, ML3.7/2, MS3.1/4,
Ms1 3.1/4, mb1mx2.9/14, Error ellipse: s-maj=62.9km
s-min=12.1km az=151.0, Gulf of California

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

BJI 18 19:49:06.3, 15.70S, 173.45W, h131km, mb4.8/35,
mB5.1/24
ISCJB 18 19:49:07.3, 0.8, 16.06S, 0.03, 174.14W, 0.03,
h131km, 7km, mb5.0/163, Error ellipse: s-maj=6.2km
s-min=3.1km az=152.6

couple: Ms1.65900, 1017, NP1.9, S 00000, 890.00000,
1.97.00000, NP2.9, 96.00000, 87.00000, 1.1.00000,
Principal axes: T 1.7260, Pig45.0000, Azm2.80000; N
-0.1340, Pig7.0000, Azm185.0000; P -1.5920,
Pig44.0000; Azm89.0000; nsta1 refers to body waves,
cutoff=40s, nsta2 refers to surface waves, cutoff=50s.
NEIC 18 19:49:08.0, 9.16, 11S, 174.14W, h142km, 8km, mb4.8/89
Error ellipse: s-maj=6.8km s-min=3.7km az=146.0
ISC 18 19:49:08.0, 4.16, 12S, 0.05, 174.06W, 0.05,
h132km, 2km, h132km; pP, n614, c0599/625, mb5.0/163,

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

RAO RAO Island 13.54 195 S
86m, 0.3s, baz=45, slow=23, SNR=6.1
RAR RAR 14.46 113 P
3.9m, 0.3s, baz=258, slow=7.0, SNR=22

DZM DZM 19.34 249 P
2.7m, 0.3s, baz=15, slow=4.1, SNR=17
DZM DZM 19.34 249 P
293m, 1.0s
NOUC Port Laguerre 19.47 249 eP
TARA Tarawa 21.60 322 ePn

KUZ Kuaotunu 22.46 202 PN
HAZ Te Kaha 22.72 197 PN
PUZ Puketitahi 22.89 196 PN
MKAZ Moutakaki 22.98 202 SN
URZ Urewera 23.38 198 P

URZ 15m, 0.5s, baz=74, slow=20, SNR=7.8
URZ Urewera 23.38 198 ePn
URZ Urewera 23.38 198 SN
URZ Urewera 23.38 198 eP

PPT Papeete 23.48 97 LR
PPT Papeete 23.48 97 eP
RAGZ Rawiri 23.52 197 ePn
RIGZ Rihuhau 23.62 196 ePn

TIAR Tiarei 23.70 97 eP
TAR Taravao 23.79 98 eP
TBI Tubaui 24.23 111 eP
MEH Mehetia 24.92 98 eP

PMOR Pomariorio Ree 25.23 91 eP
VAH Vaihoo 25.46 92 eP
SNZO South Karori 26.91 199 P
THZ Tophouse 27.91 201 PN

KAH Kahurangi 28.29 200 eP
LTZ Lake Taylor 29.03 201 PN
OXZ Oxford 29.59 201 PN
RPZ Rata Peaks 30.28 202 P

RPZ Rata Peaks 30.28 202 eP
WHZ Wether Hill Rd 33.28 203 eP
EIDS Eidsvold 33.78 248 P
EIDS Eidsvold 33.78 248 eP

ARMA Armidale 34.42 239 P
ARMA Armidale 34.42 239 eP
MGCD Mangrove Creek 35.72 235 P
RMQ Roma 36.02 247 P

RKT Rikitea 37.39 107 eP
CNB Canberra 37.81 233 P
CTA Charters Tower 37.86 258 P
CTA Charters Tower 37.86 258 eP

CTA Charters Tower 37.86 258 eP
CAN Canberra 38.09 233 eP
CAN Canberra 38.09 233 P
CAN Canberra 38.09 233 eP

YMG Young 38.21 235 P
PMG Port Moresby 38.35 275 P
PMG Port Moresby 38.35 275 dP
PMG Port Moresby 38.35 275 eP

H1S2 WAKE ISLAND Hy 39.26 330 T
H1S3 WAKE ISLAND Hy 39.27 330 T
H1S1 WAKE ISLAND Hy 39.28 330 T
CMSA Cobar Meteorol 39.64 240 P

WRAB Tennant Creek 49.05 257 dP
WRAB Tennant Creek 49.05 257 P
WRAB Tennant Creek 49.05 257 eP
WRA Warrungana Arr 49.06 257 P

AS19 Alice Springs 49.23 252 P
ASAR Alice Springs 49.28 252 P
ASAR Alice Springs 49.28 252 P
ASPA Alice Springs 49.28 252 P

GUMO Guam 50.19 304 P
GUMO Guam 50.19 304 eP
GUMO Guam 50.19 304 eP
KDU Kadaku 51.70 266 P

MNT Mantou Dam 53.04 266 P
WRKA Warakana 54.35 251 P
FAKI Fak Fak 54.38 278 P
FORT Forrest 54.52 244 P

FORT Forrest 54.52 244 eP
KNRA Kunurra 54.83 262 P
SIJI Sorong 55.95 280 P
SWI Sorong 55.96 280 P

SWI Sorong 55.96 280 P
PALU Palau 56.02 291 P
MSAI Maslaka 57.42 276 P
FITZ Fitzroy Crossi 57.44 259 P

FITZ Fitzroy Crossi 57.44 259 P
NLAI Namlea 59.20 276 P
LBMI Labuha 59.59 279 P
KMBL Kamburu 59.82 243 P

TNTI Ternate 60.17 280 P
SOEI Soe 60.26 268 P
SOEI Soe 60.26 268 P
SOEI Soe 60.26 268 eP

SANI Sanana 60.60 277 P
BATI Baumata 60.74 267 P
BATI Baumata 60.74 267 P
MMRI Maumere 62.47 269 P

MMRI Maumere 62.47 269 eP
SBA Scott Base 62.48 184 eP
SBA Scott Base 62.48 184 eP
SBA Scott Base 62.48 184 eP

MBWA Marble Bar 62.55 254 eP
VNDA Vanda 62.60 186 P
VNDA Vanda 62.60 186 eP
VNDA Vanda 62.60 186 eP

MEEK Meekatharra 62.95 248 P
EDFI Ende, Flores 62.96 268 P
KDI Kendari 63.29 274 P
KMSI Cibirong 63.31 279 P

KLBR Kellerberrin 63.34 242 P
NWAO Narrogin (SRO) 63.71 241 P
RKY Rocky Gully 63.85 239 P
LUWI Luwuk 63.97 277 P

LUWI Luwuk 63.97 277 P
WSI Waingapu 64.09 267 P
WSI Waingapu 64.09 267 P
BLDU Ballidu 64.30 243 P

MORW Morawa 65.00 245 P
APSI Ampana 65.08 277 P
MRSI Marisa 65.22 278 P
KAPI Kapri 65.76 272 P

SPI Sidrap Palu 66.02 273 P
TTSI Tana Toraja 66.22 274 P
PCI Palu 66.81 276 P
MPSI Mapaga 67.12 277 P

Table with columns: ID, Name, Az, El, Dist, Type, and other parameters. Includes entries like 121A Big Horn, Sher, 85.71 41 P, 232A Coleman, 85.72 55 P, etc.

Table with columns: ID, Name, Az, El, Dist, Type, and other parameters. Includes entries like GTA, LVC, TLY, ZALV, MKAR, etc.

Table with columns: ID, Name, Az, El, Dist, Type, and other parameters. Includes entries like BRBR, ARSA, KDHN, ECH, ECH, SEY, etc.

Table with columns for station code, name, time, and status. Includes stations like CBI, JMM, JTY, JFA, etc.

Table with columns for station code, name, time, and status. Includes stations like YUK, MDJ, SSE, DL2, etc.

Table with columns for station code, name, time, and status. Includes stations like WHN, NKL, HIA, etc.

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Table with columns: Station, Frequency, Power, and other technical details. Includes stations like TNTI Ternate, SDKM Sandakan, KKM Kota Kinabalu, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Array, ZALV Zalesovo Array, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like KBK Karagaybulak, KBK Karagaybulak, KLP Kalpa, etc.

18d 23h

Table with columns: NEW, Newport, 75.66, 42, P, P, 23 44 21.0 +0.9, etc. Lists various radio stations and their frequencies.

Table with columns: BRTR, comp=Z, 80nm, 0.8s, 80.01 337, etc. Lists various radio stations and their frequencies.

Table with columns: NPI, NIE, NIE, Niedzica, 81.79, 45, eP, P, 23 44 54.9 +1.4, etc. Lists various radio stations and their frequencies.

18d 23h

Table with columns: Call Sign, Name, Comp, Freq, Power, Mode, and other details. Includes entries like BW06 Boulder Array, GMU Granite Mount, A26A Wade Farm, etc.

2010 AUG

Table with columns: Call Sign, Name, Comp, Freq, Power, Mode, and other details. Includes entries like TANN Tannenbergs, BC3 Big Chuckwall, S0P Sop, etc.

1038

Table with columns: Call Sign, Name, Comp, Freq, Power, Mode, and other details. Includes entries like KPL Valandovo, VAY Shell Bridge, GRF Grafenberg, etc.

MAKR	Makrakomi, Fth	87.57 315 eP	P	23 45 20.2 -1.7	MCH1	comp=Z,50nm,0.8s	AMB	AMB	23 45 31.6	V29A	baz=92,SNR=6.7	92.37 44 P	P	23 45 44.9 +0.6	
MAKR	Makrakomi, Fth	87.57 315 eP	P	23 45 20.2 -1.7	R26A	Arlington	89.60 44 P	P	23 45 32.1 +0.6	W28A	Vega	92.37 45 P	P	23 45 45.5 +1.1	
MAKR	Makrakomi, Fth	87.57 315 eP	P	23 45 20.2 -1.7	KSCO	Key 'Shedlock'	89.60 43 P	P	23 45 32.1 +0.6	O35A	Humboldt	92.43 38 P	P	23 45 44.4 +0.1	
214A	Organ Pipe Nat	87.63 53 P	P	23 45 23.3 +1.0	K32A	Verdigre	89.63 38 P	P	23 45 31.6 +0.1	U30A	WK& Inc. Balk	92.43 44 P	P	23 45 45.2 +0.6	
M26A	McRoberts Ranc	87.66 41 P	P	23 45 23.6 +1.2	MONM	Monmouth	89.66 337 eP	P	23 45 31.3 0.0	P34A	Walnut Farm, R	92.46 39 P	P	23 45 44.5 -0.1	
MOTA	Moosalm	87.68 327 j PcP	P	23 45 21.7 -0.7	MONM	Monmouth	89.66 337 eP	AMB	AMB	T31A	Randall Ranch,	92.61 43 P	P	23 45 46.0 +0.7	
GAL1	Galloway	87.69 339 eP	P	23 45 22.2 +0.2	J33A	Davis	89.68 37 P	P	23 45 32.1 +0.5	R32A	Newby Ranch, P	92.61 42 P	P	23 45 45.7 +0.4	
DESf	Desfina	87.72 315 eP	P	23 45 20.3 -2.3	I34A	Hedley	89.71 36 P	P	23 45 32.4 +0.7	S33A	Olander Ranch,	92.71 41 P	P	23 45 45.9 +0.2	
DSF	Desfina	87.72 315 eP	P	23 45 20.3 -2.3	P28A	Saint Francis	89.72 42 P	P	23 45 32.4 +0.3	MNTX	Cornudas Mount	92.74 50 P	P	23 45 46.8 +0.9	
RETA	Reutte	87.73 327 j PcP	P	23 45 22.1 -0.4	T25A	Trinidad	89.79 45 P	P	23 45 33.6 +1.0	MNTX	Cornudas Mount	92.74 50 eP	P	23 45 46.9 +0.9	
NPS	Nesapolis	87.78 311 eP	P	23 45 21.9 -1.0	T25A	Trinidad	89.79 45 eP	P	23 45 33.7 +1.1	MNTX	W29A	Amrillo	92.80 45 eP	PP	23 49 32.8 -0.3
K28A	Ten Mile Ranch	87.80 39 P	P	23 45 23.6 +0.6	N30A	Huetfle Ranch,	89.80 40 P	P	23 45 32.8 +0.5	W29A	Amrillo	92.80 45 eP	PP	23 45 47.0 +0.7	
EVR	Evyrtania	87.83 316 eP	P	23 45 21.4 -1.3	LPW	Lampeter	89.84 338 eP	AMB	AMB	Q34A	Chapman	92.85 40 P	P	23 45 46.8 +0.4	
J29A	Okreek	87.88 38 P	P	23 45 23.8 +0.5	LAZ	Ladron	89.87 49 eP	P	23 45 31.8 -0.4	X28A	Dimmitt	92.88 46 P	P	23 45 47.2 +0.4	
THAL	Thalero	87.88 314 eP	P	23 45 21.4 -1.9	O29A	4D Ranch, Culb	89.88 41 P	P	23 45 33.1 +0.4	MSTX	Muleshoe	92.89 47 eP	P	23 45 47.4 +0.6	
DIDY	Didyma	87.90 314 eP	P	23 45 20.3 -3.3	ANMO	Albuquerque	89.96 48 P	P	23 45 34.0 +0.7	KSU1	Kansas State U	92.90 39 P	P	23 45 46.8 +0.2	
JAN	Janina	87.91 317 eP	P	23 45 22.9 -0.6	ANMO	Albuquerque	89.96 48 P	P	23 46 57.5 -1.5	P35A	Duane Minner,	92.91 39 P	P	23 45 47.0 +0.4	
LHO	Holmfrith	87.91 337 eP	P	23 45 23.1 -0.1	ANMO	Albuquerque	89.96 48 eP	P	23 45 33.8 +0.5	V30A	Spur Ranch, Mi	92.94 44 P	P	23 45 47.4 +0.5	
S22A	4UR Ranch, Cre	87.94 46 P	P	23 45 25.3 +1.3	ANMO	Albuquerque	89.96 48 eP	P	23 45 34.3 +1.0	AMTX	Amrillo	92.94 45 P	P	23 45 47.9 +0.9	
S22A	4UR Ranch, Cre	87.94 46 P	P	23 45 25.3 +1.3	R27A	Eads	89.99 43 P	P	23 45 33.9 +0.6	AMTX	Amrillo	92.94 45 eP	P	23 45 48.1 +1.1	
I30A	Oacoma	88.00 38 P	P	23 45 24.4 +0.7	Q28A	Sharon Springs	90.02 42 P	P	23 45 33.9 +0.4	U31A	Nine Bar Ranch	93.01 43 P	P	23 45 48.0 +0.8	
KRND	KRANIDI	88.00 314 eP	P	23 45 21.0 -2.9	M31A	Lambrecht Ranc	90.03 39 P	P	23 45 33.3 0.0	O36A	Bolckow	93.02 38 P	P	23 45 47.5 +0.3	
M27A	Reverse DX Ran	88.04 41 P	P	23 45 24.8 +0.7	S26A	Kim	90.03 44 P	P	23 45 33.8 +0.3	R34A	Isabella, Hill	93.12 40 P	P	23 45 48.0 +0.4	
N26A	Koester Ranch,	88.04 42 P	P	23 45 24.8 +0.6	L32A	Elgin	90.08 38 P	P	23 45 33.8 +0.3	S33A	Kaszmaul Farm,	93.21 41 P	P	23 45 48.6 +0.6	
EFP	Epalio	88.08 315 eP	P	23 45 23.0 -1.3	SENI	Lac Senin/Sane	90.14 328 eP	P	23 45 33.6 -0.4	X29A	Tulla	93.23 46 P	P	23 45 49.1 +0.8	
FETA	Feichten	88.09 327 j PcP	P	23 45 23.8 -0.5	P29A	Atwood	90.16 41 P	P	23 45 34.3 +0.3	JFWS	Jewell Farm	93.25 33 eP	P	23 45 48.4 +0.3	
WLF	Wallerdange	88.09 331 eP	P	23 45 24.0 -0.1	AQU	L'Aquila	90.17 322 eP	P	23 45 34.2 +0.2	JFWS	Jewell Farm	93.25 33 eP	P	23 45 48.4 +0.3	
GUR	Goura	88.14 315 eP	P	23 45 22.7 -2.0	AQU	L'Aquila	90.17 322 eP	P	23 45 34.2 +0.2	Y28A	McKinney Farm,	93.26 46 P	P	23 45 48.8 +0.4	
GUR	Goura	88.14 315 eP	P	23 45 22.6 -2.1	K33A	Hardington	90.17 37 P	P	23 45 34.4 +0.5	P36A	Good Intent, A	93.27 38 P	P	23 45 48.3 +0.1	
GUR	Goura	88.14 315 eP	P	23 45 22.6 -2.1	J34A	Hardington	90.17 36 P	P	23 45 34.5 +0.4	O35A	Mercer Eighty,	93.38 39 P	P	23 45 49.1 +0.3	
Q24A	Divide	88.16 44 P	P	23 45 25.8 +0.8	LPM	Los Pinos Moun	90.25 48 eP	P	23 45 35.9 +1.2	W30A	Crocket Farms	93.40 44 P	P	23 45 49.9 +0.9	
LAKA	Lakka	88.16 315 eP	P	23 45 23.6 -1.1	O30A	MW Ranch, Wils	90.25 41 P	P	23 45 34.5 +0.1	V31A	Lingo Creek L,	93.43 44 P	P	23 45 50.4 +1.2	
LAKA	Lakka	88.16 315 eP	P	23 45 23.4 -1.3	T26A	Comanche Natio	90.26 45 P	P	23 45 35.2 +0.5	T32A	Patterson Ranc	93.43 42 P	P	23 45 49.7 +0.6	
LAKA	Lakka	88.16 315 eP	P	23 45 23.4 -1.3	I35A	Creekvig Farm	90.28 35 P	P	23 45 34.6 +0.2	U32A	Winter Ranch,	93.49 43 P	P	23 45 50.1 +0.7	
LAKA	Lakka	88.16 315 eP	P	23 45 23.4 -1.3	SPMN	St. Paul	90.30 33 P	P	23 45 34.9 +0.4	Z28A	Tucker Farm, M	93.59 47 P	P	23 45 50.3 +0.3	
KLW	Kalavyria, Ach	88.19 315 eP	P	23 45 23.3 -1.5	SPMN	St. Paul	90.30 33 eP	P	23 45 35.3 +0.8	S34A	Willow Spring	93.63 41 P	P	23 45 50.3 +0.4	
BFO	Black Forest	88.19 329 eP	P	23 45 24.2 -0.4	S27A	Las Animas	90.33 44 P	P	23 45 35.5 +0.5	Y29A	Porterfield Fa	93.64 46 P	P	23 45 50.8 +0.6	
BFO	Black Forest	88.19 329 eP	P	23 45 24.3 -0.4	L33A	Hoskins	90.35 38 P	P	23 45 35.1 +0.3	R35A	Emporia Munici	93.68 40 P	P	23 45 50.8 +0.6	
BFO	Black Forest	88.19 329 eP	P	23 45 24.3 -0.4	BNM	Barren Site	90.36 49 eP	P	23 45 36.2 +1.0	W31A	Holland Ranch,	93.77 44 P	P	23 45 51.5 +0.8	
BFO	Black Forest	88.19 329 eP	P	23 45 24.3 -0.4	BGNE	Belgrade	90.42 39 P	P	23 45 35.3 +0.1	V32A	Arapah	93.93 43 P	P	23 45 52.2 +0.8	
IDI	Anoyia	88.23 311 P	P	23 45 23.4 -1.7	R28A	Tribune	90.52 43 P	P	23 45 36.1 +0.3	U33A	Lingo Farm, Me	93.97 42 P	P	23 45 52.0 +0.5	
IDI	Anoyia	88.23 311 P	P	23 45 23.8 -1.3	K34A	Le Mars	90.58 37 P	P	23 45 36.0 +0.2	128A	Castleberry Fa	93.97 47 P	P	23 45 52.1 +0.3	
DAVA	Damuels	88.28 328 j PcP	P	23 45 24.8 -0.4	TIP	Timpaqrando	90.58 318 eP	P	23 45 35.7 -0.3	Z29A	Hungry Hill Ra	94.03 47 P	P	23 45 52.6 +0.7	
IGT	Igoumenitsa	88.29 317 eP	P	23 45 24.1 -1.1	Q30A	Selden	90.59 41 P	P	23 45 36.1 +0.1	R36A	Gordon, Harris	94.06 39 P	P	23 45 52.2 +0.3	
IGT	Igoumenitsa	88.29 317 eP	P	23 45 24.1 -1.1	121A	Cookes Peak, D	90.64 50 P	P	23 45 37.7 +1.2	T34A	McClaskey Farm	94.07 41 P	P	23 45 52.4 +0.4	
IGT	Igoumenitsa	88.29 317 eP	P	23 45 24.1 -1.1	HEX	Exnor	90.65 337 eP	P	23 45 35.8 -0.1	S35A	Otter Creek Ra	94.08 40 P	P	23 45 52.5 +0.5	
SGD	Sagiada	88.30 317 eP	P	23 45 24.2 -1.0	O31A	Woolen Ranch,	90.67 40 P	P	23 45 36.3 0.0	Y30A	Stafford Catti	94.10 46 P	P	23 45 52.9 +0.6	
K29A	Lazy Trails An	88.33 39 P	P	23 45 26.1 +0.7	M33A	Taylor Creek F	90.81 38 P	P	23 45 37.1 +0.1	X31A	McDonald Ranch	94.14 45 P	P	23 45 52.8 +0.4	
J30A	Dallas	88.37 38 P	P	23 45 26.1 +0.5	R29A	Marienthal	90.85 42 P	P	23 45 37.6 +0.3	W32A	Sentinel	94.23 44 P	P	23 45 53.5 +0.7	
I31A	Royce, Wessing	88.37 37 P	P	23 45 25.9 +0.4	T27A	Campo	90.85 44 P	P	23 45 38.9 +1.5	228A	UT Block 9, Go	94.24 48 P	P	23 45 53.3 +0.3	
O26A	Horse Wrangler	88.38 42 P	P	23 45 26.1 +0.3	L34A	Svendsen Farm,	90.95 37 P	P	23 45 37.9 +0.3	U34A	Anderson Ranch	94.29 42 P	P	23 45 53.4 +0.4	
CWF	Charmwood Fore	88.40 337 eP	P	23 45 25.0 -0.5	S28A	Manter	90.98 43 P	P	23 45 38.5 +0.6	V33A	Lossen Ranch,	94.30 43 P	P	23 45 54.0 +0.9	
CWF	Charmwood Fore	88.40 337 eP	P	23 45 25.7	K35A	Storm Lake	90.98 36 P	P	23 45 37.7 0.0	129A	Stewart Farms,	94.35 47 P	P	23 45 54.1 +0.7	
PDO	Prodromos	88.40 316 P	P	23 45 24.8 -1.0	Q30A	Quinter	90.99 42 P	P	23 45 38.1 +0.2	Z30A	Sanderson Ranc	94.36 46 P	P	23 45 53.8 +0.3	
N27A	Anderson Farm,	88.44 41 P	P	23 45 26.6 +0.5	P31A	Stockton	91.09 41 P	P	23 45 38.4 +0.1	R37A	Teagarden Farm	94.42 39 P	P	23 45 53.5 -0.1	
VLI	Vlachokerasia	88.48 314 eP	P	23 45 24.4 -1.9	M34A	Aspy Farms, Fr	91.18 38 P	P	23 45 38.7 +0.1	Y31A	Rekieta Farm,	94.43 45 P	P	23 45 54.7 +1.0	
VLX	Veliai	88.55 313 eP	P	23 45 24.3 -2.2	U27A	Thompson Grove	91.22 45 P	P	23 45 40.0 +0.9	S36A	Leta Cedric, C	94.44 40 P	P	23 45 53.8 +0.1	
RLS	Rilos of Patr	88.59 315 eP	P	23 45 26.0 -0.6	N33A	J Bar K, Exete	91.27 39 P	P	23 45 38.8 -0.3	T35A	Sooner Cattle	94.52 41 P	P	23 45 54.3 +0.2	
GMM	Milos of Mourne	88.59 340 eP	P	23 45 25.6 -0.7	COWI	Conover	91.28 31 eP	P	23 45 39.4 +0.4	X32A	Elmer	94.69 44 P	P	23 45 55.2 +0.3	
H32A	Carlson Farm,	88.59 36 P	P	23 45 25.8 +0.2	CBKS	Cedar Bluff	91.38 41 P	P	23 45 39.7 0.0	V34A	Guthrie	94.73 42 P	P	23 45 55.6 +0.6	
LKD2	Lefkada island	88.59 316 eP	P	23 45 25.8 -0.9	S29A	Ulysses	91.41 43 P	P	23 45 40.5 +0.6	V34A	Guthrie	94.73 42 eP	P	23 45 56.0 +1.0	
VAM	Vamos	88.59 312 eP	P	23 45 26.3 -0.4	BN1	Bardonecchia	91.43 328 eP	P	23 45 39.4 -0.5	T36A	Boggs Farm, Ca	94.77 40 P	P	23 45 55.5 +0.3	
FUOR	Otenpass-Fuom	88.60 327 eP	P	23 45 26.8 -0.1	BN1	Bardonecchia	91.43 328 eP	P	23 49 25.7	WMOK	Wichita Mounta	94.77 44 eP	P	23 45 55.5 +0.2	
OGNE	Ogallala	88.63 41 P	P	23 45 27.3 +0.4	BN1	Bardonecchia	91.43 328 eP	P	23 45 39.4 -0.5	WMOK	Wichita Mounta	94.77 44 eP	P	23 45 55.5 +0.2	
OGNE	Ogallala	88.63 41 eP	P	23 45 27.8 +0.9	BN1	Bardonecchia	91.43 328 eP	P	23 49 25.7	WMOK	Wichita Mounta	94.77 44 eP	P	23 45 55.5 +0.2	
DAVOX	Davos-Dschmet	88.65 327 P	P	23 45 26.9 -0.2	Q31A	Ellis	91.44 41 P	P	23 45 39.7 -0.2	U35A	Paewe	94.79 41 P	P	23 45 55.5 +0.2	
M28A	Bar X Bar Ranc														

18d 23h

Table of astronomical observations for 18 days and 23 hours, listing station names, codes, and various parameters like elevation and signal strength.

2010 AUG

CSEM 18 23:40:35.2, 0.4, 36.95N-43.29E, h2km, MD3.4, Error ellipse: s-maj=7.1km s-min=6.6km az=173.0

Main table of astronomical observations for 2010 August, including station names, codes, and detailed observation data.

MOS 18 23:53:09.7, 1.0, 54.83N, 161.01W, h10km, mb4.9/14, Error ellipse: s-maj=16.0km s-min=6.7km az=89.0

ISCJ 18 23:53:09.3, 0.9, 54.77N, 161.02W, h0km, mb4.4/26, mb1 4.5/23, mb1mx3.4/48, mbtmp4.4/28, ML4.0/2, MS3.5/3, Ms1 3.3/5, ms1mx2.8/54, Error ellipse: s-maj=25.2km s-min=13.3km az=174.0

ISCJ 18 23:53:14.3, 0.6, 54.68N, 160.79W, h0.06, h51km, 3km, mb4.5/47, MS3.3/4, Error ellipse: s-maj=10.8km s-min=3.5km az=153.8

NEIC 18 23:53:14.1, 54.70N, 160.87W, h2km, mb4.6/2, ML4.1(AEIC), Alter AEIC.

ISC 18 23:53:15.5, 1.1, 54.77N, 160.81W, h0.05, h44km, 9km, n142, e1910/140, mb4.5/47, MS3.3/4, 21C-11D, Alaska Peninsula

Table of astronomical observations for the Alaska Peninsula region, listing station names and observation data.

1040

Table of astronomical observations for 1040, listing station names, codes, and various parameters like elevation and signal strength.

Error ellipse: s-maj=3.9km s-min=2.1km az=171.1
SIGU 19 01:29:02.70.0.1,47:97N:02:20:82E:0.01,h9km,
mb2.7/10
CSEM 19 01:29:03.80.0.2,48:00N:02:81E,h5km,ML3.0,Error
ellipse: s-maj=3.6km s-min=3.3km az=8.0
PRU 19 01:29:04.0.1,47:99N:02:79E,h0km
VIE 19 01:29:05.60.0.8,47:97N:02:62E,h10km,3km,mb2.3/3,
ml2.4, Error ellipse: s-maj=5.7km s-min=3.1km az=121.0
ISC 19 01:29:04.4.1.0,48:02N:02:77E:0.01,h1km,9km,
n87,r<1906/130,22<25>,Czech and Slovak Republics

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains station data for various locations including PSZ, UZH, TRPA, BERU, BUD, MKAR, etc.

Table with columns: BRG, Berggiesshubel, 529 305 (eP), Pg, 01 30 44.2 -1.4. Contains station data for locations like ISCJB, IDC, MOS, KUR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains station data for locations like H11N1, H11S1, H11S2, etc.

IDC 19 05:12:04.3-0.8, 10.14Sx161.20E, h64km, mb4.3/19, mb1.4/5.21, mb1mx4.4/3.1, mbtmp4.6/2.1, MS3.7/17, Ms1.3/7.17, ms1mx3.7/2.1, Error ellipse: s-maj=18.9km s-min=12.5km az=100.0

NEIC 19 05:12:05.3-0.2, 10.08Sx161.06E, mb5.1/53, Error ellipse: s-maj=8.1km s-min=4.8km az=134.0

GCMT 19 05:12:05.3-0.2, 10.28Sx161.19E, h92km, mb4.2/87, Moment Tensor Solution. s54,c69; s87,c134; Duration: 0 Moment tensor: Scale 10^19Nm; Mr=2.04s;21; Mw=4.97s;23; Mo=2.93s;23; Mo=3.81s;13; Mo=2.70s;22; Mo=2.78s;11; Best double couple: Mo:6.94500e+10^16 NP1:112.00000e+16, 678.00000e+16, -46.00000e+16. NP2: 6.214.00000e+16, 345.00000e+16, -163.00000e+16. Principal axes: T: 6.8570, Plg20.0000, Azm170.0000; N: 0.1760, Plg43.0000, Azm280.0000; P: -7.0330, Plg40.0000, Azm62.0000; nstia1 refers to body waves, cutoff=40s. nstia2 refers to surface waves, cutoff=50s.

ISCJB 19 05:12:07.0-0.7, 10.14Sx161.03E, h90km, mb4.9/75 Error ellipse: s-maj=6.4km s-min=5.5km az=155.5

BUI 19 05:12:06.0, 9.93Sx161.46E, h93km, mb4.7/39, mb4.9/27 MOS 19 05:12:08.6-0.9, 10.05Sx160.90E, h107km, mb5.2/23, Error ellipse: s-maj=10.5km s-min=8.4km az=64.5

AUST 19 05:12:22.7-6.3, 10.45Sx161.07E, h232km, Error ellipse: s-maj=2.6km s-min=2.0km az=245.0

ISC 19 05:12:07.8-0.4, 10.21Sx161.19E, h92km, mb4.9/75, Error ellipse: s-maj=6.4km s-min=5.5km az=155.5

Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Honiara, Noucu, DZM, etc.

Main table with columns: Station Name, Az, Phase ID, Time, Res. Lists stations like Nanjing, Qiongzong, Yuzh-Sakhalin, etc.

Main table with columns: Station Name, Az, Phase ID, Time, Res. Lists stations like Magadan, Lanzhou, Ulanbaatar, etc.

Table with columns: IOTA, Station Name, Az, El, P, S, Time, Res. Includes stations like Tendick Farm, Umpqua Nationa, Chilcoquin, OSi, Vestal, etc.

Table with columns: HVU, Station Name, Az, El, P, S, Time, Res. Includes stations like Hansel Valley, Missoula, McKenzie Canyon, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Limon Verde, Coronel Fontan, Mesa Verde, etc.

19d 6h

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

NIED 19 06:00:00, 39.20N, 143.50E, h14km, Mw3.7 Best double couple: M=4.71000x10^14 NP1=174.00000, 824.00000, 1.49.00000. NP2=38.00000, 872.00000, 1.106.00000.

JMA 19 06:00:47.1, 0.1, 39.18N, 143.47E, h28km, 4km, M3.5, Off east coast of Honshu

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

MAN 19 06:05:18, 16.67N, 120.21E, h60km, mb4.3, ML3.1, MS2.9, 2C, Luzon

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

NIED 19 06:26:00, 29.90N, 132.40E, h5km, Mw3.8 Best double couple: M=6.30000x10^14 NP1=197.00000, 843.00000, 1.88.00000. NP2=15.00000, 847.00000, 1.91.00000.

ISC JB 19 06:26:37.4, 1.2, 29.88N, 132.43E, h0km, mb3.77, mb1 3.710, mb1mx3.639, mbtmp3.6/10, ML2.9/3, MS2.7/1, Ms1 2.9/1, ms1mx2.377, Error ellipse: s-maj=36.5km s-min=17.8km az=77.0

ISC JB 19 06:26:38.7, 1.2, 29.88N, 132.38E, 0.05, h24km, 15km, mb3.67, MS2.7/1, Error ellipse: s-maj=7.4km s-min=5.6km az=18.9

JMA 19 06:26:39.7, 0.2, 29.88N, 132.40E, h49km, M3.6, ISC 19 06:26:38.1, 3.0, 29.89N, 132.34E, 0.07, h6km, 18km, n23, e1507/35, mb3.67, Southeast of Shikoku

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

JMA 19 06:36:35.8, 0.1, 24.13N, 121.77E, h0km, M2.7 TAP 19 06:36:37.4, 24.16N, 121.73E, h12km, ML3.4, B

ISC 19 06:36:37.1, 0.9, 24.14N, 121.79E, 0.02, h11km, 7km, n54, e0562/85, 8C-1D, Taiwan

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

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Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ESL, TWC, TWC, etc.

MEX 19 06:41:22.2, 0.5, 15.21N, 91.15W, h17km, 999km, MD3.6, Mexico-Guatemala border region

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

BUI 19 06:57:24.5, 53.77N, 35.60W, h6km, mb4.8/16, mb5.0/12, Ms4.9/7, Ms7.4/5

ISC 19 06:57:27.8, 0.4, 54.11N, 35.18W, h0km, mb4.3/30, mb1 4.4/33, mb1mx4.3/56, mbtmp4.3/33, ML3.8/32, Ms1 3.8/32, ms1mx3.7/46, Error ellipse: s-maj=13.3km s-min=9.8km az=165.0

MOS 19 06:57:28.0, 0.9, 54.09N, 35.16W, h10km, mb4.9/35, Error ellipse: s-maj=9.6km s-min=7.2km az=48.0

ISC JB 19 06:57:28.6, 0.1, 54.11N, 0.04:35.24W, 0.02, h14km,

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mb4.6/136, MS3.8/31, Error ellipse: s-maj=5.6km s-min=2.0km az=0.3

CSEK 19 06:57:29.7, 0.1, 54.15N, 35.16W, h10km, mb4.7/41, Error ellipse: s-maj=7.9km s-min=3.7km az=178.0

NEIC 19 06:57:29.8, 0.1, 54.09N, 35.12W, h10km, mb4.7/77, Error ellipse: s-maj=5.2km s-min=2.5km az=178.0

ISC 19 06:57:30.4, 0.3, 54.10N, 0.07:35.24W, 0.05, h14km, n556, e0586/557, mb4.6/138, MS3.8/32, 38C-9D, Reykjanes Ridge

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

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DAVOX	Davos/Dischmat	29.23	86	P	P	07 03 31.0	-0.6
FETA	Feichten	29.60	85	P	P	07 03 36.2	+1.3
SADO	Sadowa	29.60	270	P	P	07 03 33.9	-0.9
SAD	comp-Z,7.2nm,1.0s,baz=62,slow=1.6,SNR=3.6				LR	07 14	33.1
BRG	Berggiesshubel	29.64	76	eP	P	07 03 34.6	-0.4
BRG	Berggiesshubel	29.64	76	eP	P	07 03 34.6	-0.4
BRG	comp-Z,4.0nm,0.9s						
BRG	Berggiesshubel	29.64	76	eP	P	07 03 34.6	-0.4
WTTA	Wattenberg	30.01	84	P	P	07 03 38.5	-0.1
GE2C	GERESS Array S	30.42	80	eP	P	07 03 42.3	+0.2
GE2C	GERESS Array S	30.42	80	eP	P	07 03 42.3	+0.2
GERES	GERESS Array B	30.42	80	eP	P	07 03 41.5	-0.6
GERES	comp-Z,1.9nm,0.8s,baz=310,slow=8.2,SNR=8.7				LR	07 15	30.50
ARCES	ARCESS Array B	30.93	37	P	P	07 03 45.2	-1.0
ARCES	comp-Z,1.6nm,0.4s,baz=259,slow=7.6,SNR=25				LR	07 14	01.4
CONA	Conrad Observa	32.13	80	P	P	07 04 01.7	+4.6
MORC	Moravsky Berou	32.19	76	eP	P	07 03 57.6	0.0
MORC	comp-Z,3.3nm,1.1s						
MORC	Moravsky Berou	32.19	76	eP	P	07 03 57.6	0.0
MORC	comp-Z,3.3nm,1.1s						
ARSA	Arzberg	32.28	81	P	P	07 03 58.2	-0.2
SOKA	Soboth	32.32	82	P	P	07 03 57.6	-1.0
FINES	FINESS Array B	32.37	52	P	P	07 03 58.0	-0.9
FINES	comp-Z,6.0nm,0.8s,baz=266,slow=7.6,SNR=9.0				LR	07 15	48.6
OJC	Ojcow	33.26	74	eP	P	07 04 06.0	-0.9
OJC	Ojcow	33.26	74	eP	P	07 04 06.5	-0.4
OJC	comp-Z,2.2nm,1.3s						
OJC	Ojcow	33.26	74	eP	P	07 04 06.5	-0.4
OJC	comp-Z,2.2nm,1.3s						
NIE	Niedzica	33.94	75	eP	P	07 04 12.8	-0.1
NIE	Niedzica	33.94	75	eP	P	07 04 12.8	-0.1
NIE	Niedzica	33.94	75	eP	P	07 04 12.8	-0.1
PSZ	Piszkesteto	34.46	77	eP	P	07 04 17.4	0.0
PSZ	comp-Z,2.2nm,1.5s						
PSZ	Piszkesteto	34.46	77	eP	P	07 04 17.4	0.0
PSZ	comp-Z,2.2nm,1.5s						
ACSO	Alum Creek Sta	34.60	266	eP	P	07 04 19.9	+1.2
PKSM	Moragy	34.65	81	P	P	07 04 18.3	-0.7
PKSM	Moragy	34.65	81	P	P	07 04 18.3	-0.7
PKSM	Moragy	34.65	81	P	P	07 04 18.3	-0.7
EYMN	Ely	35.09	283	P	P	07 04 22.5	-0.4
KEST	Kesra	35.79	102	P	P	07 04 28.7	-0.3
KEST	comp-Z,5.2nm,0.9s,baz=308,slow=1.6,SNR=18				LR	07 17	14.4
LJV	L'vov	35.84	72	eP	P	07 04 28.1	-1.1
LJV	L'vov	35.84	72	eP	P	07 04 28.1	-1.1
FGSL	Fruska Gora	35.92	81	P	P	07 04 29.1	+0.8
TEKS	Tekeris	36.10	82	P	P	07 04 31.5	0.0
ULM	Lac du Bonnet	36.39	289	LR	LR	07 18	15.6
BIBL	Laz#263i	36.43	83	P	P	07 04 34.1	-0.3
DIVS	Divibare	36.63	83	P	P	07 04 35.0	-1.2
DRGR	DRGR	36.68	77	P	P	07 04 36.5	0.0
DRGR	DRGR	36.68	77	P	P	07 04 36.5	0.0
DRGR	DRGR	36.68	77	P	P	07 04 36.5	0.0
SPIN	Scholer Farm	36.93	270	P	P	07 04 37.7	-0.9
IVAS	Ivanjica	37.04	83	P	P	07 04 39.1	-0.4
KMSC	Kings Mountain	37.08	258	P	P	07 04 39.4	-0.5
GRUS	Gruzza	37.18	82	P	P	07 04 40.2	-0.5
JFWS	Jewell Farm	37.21	276	eP	P	07 04 42.0	+1.0
JFWS	comp-Z,9.0nm,0.9s						
JFWS	Jewell Farm	37.21	276	eP	P	07 04 42.0	+1.0
JFWS	comp-Z,9.0nm,0.9s						
SPMN	St. Paul	37.34	280	eP	P	07 04 43.3	+1.2
TZTN	Tazewell	37.39	262	eP	P	07 04 43.9	+1.4
AGMN	Agassiz Nation	37.39	287	P	P	07 04 42.1	-0.3
KUBS	Kucevo	37.43	81	P	P	07 04 39.7	-3.1
GZR	Gura Zlata	37.50	79	P	P	07 04 43.1	-0.4
GZR	Gura Zlata	37.50	79	P	P	07 04 43.1	-0.4
GZR	Gura Zlata	37.50	79	P	P	07 04 43.1	-0.4
BURAR	Bucovina Array	37.66	74	P	P	07 04 45.1	+0.2
BURAR	Bucovina Array	37.66	74	P	P	07 04 45.1	+0.2
BURAR	Bucovina Array	37.66	74	P	P	07 04 45.1	+0.2
AKASG	Malin Array Be	38.26	68	P	P	07 04 48.4	+1.3
AKASG	comp-Z,4.3nm,0.7s,baz=303,slow=8.4,SNR=14				LR	07 20	04.2
A30A	Hoffart Farm	38.42	289	P	P	07 04 50.6	-0.5
BARS	Barje	38.47	83	P	P	07 04 51.0	-0.6
ARR	Arges	38.59	78	P	P	07 04 54.2	+1.5
ARR	Arges	38.59	78	P	P	07 04 54.2	+1.5
B30A	Myrvik Farm, E	38.70	288	P	P	07 04 53.3	-0.1
CPCT	Cooper Cave	38.71	262	eP	P	07 04 54.4	+0.7
VOIR	VOIR	38.79	77	P	P	07 04 53.5	-0.8
VOIR	VOIR	38.79	77	P	P	07 04 53.5	-0.8
VOIR	VOIR	38.79	77	P	P	07 04 53.5	-0.8
C30A	Mose, Pekin	39.19	287	P	P	07 05 02.3	-0.3
B29A	Wagenman Farm,	39.26	289	P	P	07 04 57.6	-0.5
MLR	Muntele Rosu	39.27	77	P	P	07 04 59.0	+0.6
MLR	Muntele Rosu	39.27	77	P	P	07 04 59.0	+0.6
MLR	Muntele Rosu	39.27	77	P	P	07 04 59.0	+0.6
VRI	Vrincioaia	39.50	76	P	P	07 05 02.2	+2.0
VRI	Vrincioaia	39.50	76	P	P	07 05 02.2	+2.0
VRI	Vrincioaia	39.50	76	P	P	07 05 02.2	+2.0
OBN	Obninsk	39.90	58	eP	P	07 05 02.9	-0.5
OBN	comp-Z,2.9nm,1.2s						
OBN	Obninsk	39.90	58	eP	P	07 05 02.9	-0.5
OBN	comp-Z,1.40nm,19.0s				MLR	07 05	02.9
SIUC	Southern Hill	39.92	268	eP	P	07 05 04.5	+0.8
H33A	Prehn Over Nor	39.94	282	P	P	07 05 03.5	-0.4
YKA	Yellowknife Ar	39.98	315	P	P	07 05 03.1	-0.8
WVT	Waverly	40.18	265	eP	P	07 05 06.6	+0.7
WVT	comp-Z,9.0nm,1.0s						
WVT	Waverly	40.18	265	eP	P	07 05 06.6	+0.7
WVT	comp-Z,9.0nm,1.0s						
I33A	Coleman	40.34	282	P	P	07 05 07.1	-0.1
ECSD	EROS Data Cent	40.43	281	P	P	07 05 08.2	+0.3
ECSD	EROS Data Cent	40.43	281	eP	P	07 05 08.8	+0.9
H32A	Carlson Farm,	40.44	283	P	P	07 05 08.1	+0.1

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F30A	Leola	40.56	285	P	P	07 05 11.0	+2.0
I32A	Karley and Nic	40.74	282	P	P	07 05 10.0	-0.5
K34A	Le Mars	40.77	279	P	P	07 05 10.0	-0.7
L35A	Bielow Farm, R	40.80	278	P	P	07 05 09.6	-1.4
G30A	Faulkton	41.05	284	P	P	07 05 12.0	-1.0
MSAB	Manostry St. A	41.18	77	P	P	07 05 12.7	-1.4
MSAB	Manostry St. A	41.18	77	P	P	07 05 12.7	-1.4
PBMO	Poplar Bluff	41.26	268	eP	P	07 05 15.5	+0.6
J32A	Parkston	41.36	282	P	P	07 05 15.1	-0.5
F28A	McLaughlin	41.56	286	P	P	07 05 16.5	-0.7
GNAR	Gosnell	41.58	267	eP	P	07 05 18.0	+0.6
E27A	Carson	41.65	288	P	P	07 05 17.3	-0.7
K32A	Verdigre	41.87	281	P	P	07 05 20.1	+0.3
I30A	Oacoma	41.94	283	P	P	07 05 20.2	-0.2
G28A	Parade	42.09	286	P	P	07 05 21.0	-0.6
M33A	Taylor Creek F	42.10	279	P	P	07 05 21.2	-0.5
E26A	Carlson Angus	42.13	288	P	P	07 05 21.2	-0.8
P36A	Good Intent, A	42.19	275	P	P	07 05 22.4	0.0
OXF	Oxford	42.23	265	eP	P	07 05 22.6	-0.2
OXF	comp-Z,3.9nm,1.0s						
OXF	Oxford	42.23	265	eP	P	07 05 22.6	-0.2
OXF	comp-Z,3.9nm,1.0s						
L32A	Elgin	42.30	280	P	P	07 05 23.2	-0.1
J30A	Dallas	42.34	283	P	P	07 05 23.1	-0.6
I29A	Vivian Onida	42.37	284	P	P	07 05 23.7	-0.2
H28A	Mission Ridge	42.38	285	P	P	07 05 23.3	-0.7
LPSR	Galich'ya Gora	42.40	60	eP	P	07 05 22.9	-1.0
LPSR	comp-Z,9.0nm,0.6s						
LPSR	comp-Z,9.0nm,0.6s						
LPSR	comp-E,10.0nm,1.1s						
LPSR	Galich'ya Gora	42.40	60	eP	P	07 05 22.9	-1.0
G27A	Dupree	42.48	287	P	P	07 05 23.7	-1.1
F26A	Lodgepole	42.61	288	P	P	07 05 25.3	-0.5
P35A	Duane Minner,	42.72	276	P	P	07 05 26.3	-0.4
BGNE	Belgrade	42.76	279	P	P	07 05 26.9	-0.1
J29A	Okreek	42.76	283	P	P	07 05 26.8	-0.3
N33A	J Bar K, Exete	42.78	278	P	P	07 05 27.1	-0.1
K30A	Basset	42.81	282	P	P	07 05 26.7	-0.8
R37A	Teagarden Farm	42.82	274	P	P	07 05 27.5	-0.1
G26A	Maurine	42.91	287	P	P	07 05 28.4	+0.2
Q35A	Mercer Eighty,	43.17	275	P	P	07 05 29.8	-0.7
P34A	Walnut Farm, R	43.18	276	P	P	07 05 30.1	-0.5
S37A	Fort Scott	43.19	273	P	P	07 05 30.1	-0.5
R36A	Condon, Harris	43.21	274	P	P	07 05 30.5	-0.3
M31A	Lambrecht Ranch	43.28	280	P	P	07 05 29.8	-1.5
O33A	Hebron	43.28	278	P	P	07 05 30.8	-0.5
VSR	Storozhevoje	43.29	62	eP	P	07 05 30.1	-1.1
VSR	comp-N,10.0nm,1.1s						
VSR	Storozhevoje	43.29	62	eP	P	07 05 30.1	

19d 6h

Table with columns: ID, Name, Frequency, Power, Modulation, and other parameters. Includes entries like Y34A Reagan Ranch, N23A Red Feather La, WMOK Wichita Mouna, etc.

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Table with columns: ID, Name, Frequency, Power, Modulation, and other parameters. Includes entries like ILAR Eielson Array, ILAR Paradox Valley, ILAR Paradox Valley, etc.

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Table with columns: ID, Name, Frequency, Power, Modulation, and other parameters. Includes entries like WUAZ Wupatki, J05D Fort Rock, OR, 121A Cookes Peak, D, K05A Summer Lake, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NSK, TYC, NSTT, EGS, TWQ1, WNT, ALS, TCU, CHKT, NSY, CHNS, ELDTW, WTA, TWB1, NWF, TWS1, STYT, CHN4, CHN4, WTP, WHP, CHY, WTCT, TWG, TWK, CHN1, CHN1, YOJ, YOJ, SGST, SGST, WSD, WSD, TWM1, PCYT, EAST, SCZT, IRIF, IRIF, HATJ, WDGJ, WDGJ, PNG, PNG, PNG, JIJ, JISG, JISG.

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

AUST 19 07:44:12.6, 3.75Sx152.05E, h200km
IDC 19 07:44:14.8, 0.8, 6.08S; 150.74E, h0km, mb4.0/1.0,
mb1 4.2/12, mb1mx4.0/22, mbtmp4.0/12, ML3.0/2, MS2.8/1,
Ms1 2.8/1, ms1mx2.4/29, Error ellipse: s-maj=27.4km
s-min=18.5km az=117.0

ISCJB 19 07:44:20.6, 0.5, 6.22S; 150.06E, 0.08, h48km,
mb3.9/12, MS2.6/1, Error ellipse: s-maj=12.7km
s-min=7.4km az=25.3

NEIC 19 07:44:20.9, 0.6, 6.21S; 150.74E, h35km, mb4.3/2, Error
ellipse: s-maj=17.1km s-min=10.1km az=103.0

ISC 19 07:44:22.1, 0.7, 6.20S; 0.09, 150.7E, 0.1, h48km, n31,
r136/31, mb4.1/12, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMG, PMG, PMG, CTA, KDU, RMQ, MTN, GUMO, GUMO, WRAB, WRA, QLP, DZM, DZM, ASAR, STKA, FITZ, FITZ, WRKA, MEEK, JNU, KSR5, KSR5, WND, WND, MKAR, MKAR, KURBB, KURBB, GSPA, ILAR, NVAR, GERES, GERES, GERES, TORD, TORD.

JMA 19 07:45:29.4, 0.1, 23.99N; 121.64E, h0km, M3.3
ISCJB 19 07:45:30.0, 0.4, 23.99N; 0.01, 121.68E, 0.02, h1km, 3km,
Error ellipse: s-maj=2.9km s-min=1.8km az=34.6
TAP 19 07:45:30.1, 23.99N; 121.62E, h7km, ML3.8, B
ISC 19 07:45:30.3, 0.9, 23.99N; 0.02, 121.65E, 0.02, h8km, 6km,
n62, r057/105, 8C-5D, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HWA, TWD, TWD, ESF, ESF, ESL, ESL, TEGG, EHP, EHP, WHF, WHF, ENA, ENA, TWT, TWT, NNS, NNS, NNS, EHY, EHY, TWC, TWC, ENT, ENT, TWF1, TWF1.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TWE, TWE, TYC, TYC, TYC, NSK, NSK, NSK, NSTT, NSTT, TWQ1, TWQ1, EGS, EGS, WNT, WNT, WNT, TCU, TCU, TCU, ALS, ALS, NSY, NSY, NSY, CHKT, CHKT, CHKT, CHNS, CHNS, CHNS, ELDTW, ELDTW, TWA, TWA, HSN, HSN, HSN, WGK, WGK, TAP1, TAP1, TAP1, TWB1, TWB1, NCU, NCU, NCU, NWF, NWF, NWF, TWS1, TWS1, CHN4, CHN4, CHN4, STYT, STYT, STYT, WTP, WTP, WTP, CHY, CHY, CHY, WTCT, WTCT, WTCT, JYNG, JYNG, TWG, TWG, TWG, TWK, TWK, TWK, CHN1, CHN1, CHN1, YOJ, YOJ, YOJ, SGST, SGST, SGST, SSD, SSD, SSD, TWM1, TWM1, EAST, EAST, TAW, TAW, SCZT, SCZT, IRIF, IRIF, IRIF, LAY, LAY, LAY, PNG, PNG, PNG, WDGJ, WDGJ, WDGJ, WDGJ, WDGJ, JKRS, JKRS, JKRS, TWK1, TWK1, JIJ, JIJ, JIJ, JISG, JISG, JISG, KNM, KNM, KNM.

ICD 19 07:50:37.0, 2.4, 7.72N; 91.37E, h0km, mb3.2/3, mb1 3.5/4,
mb1mx3.2/60, mbtmp3.3/4, ML4.2/1, Error ellipse:
s-maj=81.3km s-min=27.9km az=60.0, Nicobar Islands
region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR, H08S3, H08S2, H08S1, MKAR, KURBB.

CSEM 19 07:31:12.0, 0.4, 37.68N; 35.57E, h8km, MD2.6, Error
ellipse: s-maj=10.2km s-min=6.3km az=136.0
ISCJB 19 07:31:14.6, 0.8, 37.51N; 0.05, 35.65E, 0.07, h12km, Error
ellipse: s-maj=8.3km s-min=6.5km az=33.3
ISK 19 07:31:14.7, 37.50N; 35.56E, h5km, MD2.6
DDA 19 07:31:14.7, 37.40N; 35.74E, h7km, MD2.7
ISC 19 07:31:14.2, 1.0, 37.52N; 0.04, 35.64E, 0.04, h12km, n12,
r072/16, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CEYT, CEYT, CEYT, ANDN, ANDN, ANDN, ANDN, KRIS, KRIS, SARI, SARI, MERS, MERS, TAHT, TAHT, TAHT, GULA, GULA.

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

0.1nm,0.4s,baz=168,slow=6.5,SNR=4.1
WRA Warrungarra Arr 50.02 124 P
0.4nm,0.9s,baz=302,slow=8.6,SNR=3.0

ISK 19 08:04:20.1, 40.46N, 29.25E, h5km, MD2.5
CSEM 19 08:04:20.7, 0.1, 40.46N, 29.26E, h5km, MD2.5, Error
ellipse: s-maj=2.1km s-min=1.9km az=31.0

DDA 19 08:04:20.6, 0.4, 40.45N, 29.24E, h7km, MD2.6
ISC 19 08:04:20.8, 1.0, 40.47N, 0.02, 29.25E, 0.02, h6km, gkm,
n42, e0547/60, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like IZIK, MDNY, ARMT, etc.

NEIC 19 08:24:34.9, 0.5, 12.49N, 141.60E, h10km, mb4.4/2, Error
ellipse: s-maj=14.2km s-min=11.6km az=122.0

IDC 19 08:24:37.9, 0.7, 12.48N, 141.66E, h31km, mb3.8/8,
mb1.3/9, mb1mx3.7/28, mbtmp3.9/9, ML3.2/1, MS2.6/1,

ISC 19 08:24:38.1, 0.8, 12.5N, 0.1, 141.56E, 0.09, h31km, 5km,
h31km, pP, n18, e084/22, mb4.1/10, South of Mariana
Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like GUMO, ASAR, MKAR, etc.

IDC 19 08:28:08.0, 1.6, 37.01N, 55.98E, h0km, mb3.2/3,
mb1.3/7, mb1mx3.4/44, mbtmp3.6/6, ML3.7/3, MS2.5/1,

ISCJB 19 08:28:11.8, 0.3, 37.35N, 0.06, 56.15E, 0.03, h10km, n40,
e145/44, 3C-2D, Northern and central Iran

CSEM 19 08:28:11.6, 0.2, 37.23N, 56.18E, h10km, ML3.9, Error
ellipse: s-maj=8.4km s-min=6.8km az=163.0

TEH 19 08:28:14.9, 3.7, 15N, 55.23E, h32km, ML3.9, Error
ellipse: s-maj=5.9km s-min=1.8km az=82.0

ISC 19 08:28:11.8, 0.3, 37.35N, 0.06, 56.15E, 0.03, h10km, n40,
e145/44, 3C-2D, Northern and central Iran

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

ISFR Strayin 1.50 101 ePn Pn
ISFR 08 28 38.1 -0.9
ISFR 08 29 04.0 +3.9

ISFR Strayin 1.50 101 ePn Pn
GEYT 08 28 38.1 -0.9
GEYT 08 28 43.4 +0.9

IKRD Kardeh 1.97 106 ePn Pn
IKRD 08 28 55.9 +6.3
IKRD 08 29 17.8

IKRD Kardeh 1.97 106 ePn Pn
EMG Emangholi 1.99 87 ePn Pn
EMG 08 28 55.9 +6.3

EMG Emangholi 1.99 87 ePn Pn
IGLO Ghaloghah 2.04 246 ePn Pn
IGLO 08 28 55.9 +6.3

IAKL Akhmedad 2.21 109 ePn Pn
IAKL 08 28 47.8 -1.0
IAKL 08 29 30.9 +7.9

IKIA Kiasar 2.29 241 ePn Pn
IKIA 08 28 49.6 -0.2
IKIA 08 29 28.1 +2.8

IKIA Kiasar 2.29 241 ePn Pn
IPAY Payeh 2.45 111 ePn Pn
IPAY 08 28 51.0 -1.0

IPAY Payeh 2.45 111 ePn Pn
IANJ Anjilo 2.61 225 ePn Pn
IANJ 08 28 51.9 -2.3

IANJ Anjilo 2.61 225 ePn Pn
ISHM Shahmirzad 2.77 237 ePn Pn
ISHM 08 28 55.9 -1.6

IMOG Moghan 2.84 115 ePn Pn
IMOG 08 30 05.3 -1.6
IMOG 08 30 55.9 -1.6

IMOG Moghan 2.84 115 ePn Pn
IALA Alasht 2.97 246 ePn Pn
IALA 08 28 59.2 0.0

IALA Alasht 2.97 246 ePn Pn
IFIRO Firoozkooch 2.92 246 ePn Pn
IFIRO 08 28 59.2 0.0

IFIRO Firoozkooch 2.92 246 ePn Pn
IFIRO 08 29 02.8 +0.1

IFIRO Firoozkooch 2.92 246 ePn Pn
IMYA Miami 3.32 106 ePn Pn
IMYA 08 29 03.0 -1.0

IMYA Miami 3.32 106 ePn Pn
GNI Garni 9.34 291 LR LR
GNI 08 30 12.0

KBZ Khabaz 11.92 306 Pn Pn
KBZ 08 31 01.3 -0.4
KBZ 08 31 06.9 +1.2

AB31 Akbulak array 12.21 12 Pn Pn
AB31 08 33 17.3 -4.6
AB31 08 33 17.3 -4.6

AB31 Akbulak array 12.21 12 Pn Pn
AB31 08 33 17.3 -4.6
AB31 08 33 17.3 -4.6

AKTO Aktyubinsk 13.15 5 Pn Pn
AKTO 08 31 18.8 +0.3
AKTO 08 33 42.1 -2.7

AKTO Aktyubinsk 13.15 5 Pn Pn
AKTO 08 31 18.8 +0.3
AKTO 08 31 18.8 +0.3

AKTO Aktyubinsk 13.15 5 Pn Pn
AKTO 08 33 42.1 -2.7
AKTO 08 33 42.1 -2.7

BRVK Borovoye 18.54 28 Pn Pn
BRVK 08 32 30.7 +2.2
BRVK 08 32 30.7 +2.2

BVAO Borovoye Array 18.55 28 Pn Pn
BVAO 08 32 30.0 +1.3
BVAO 08 32 30.0 +1.3

BVAO Borovoye Array 18.55 28 Pn Pn
BVAO 08 32 30.0 +1.3
BVAO 08 32 30.0 +1.3

BVAR Borovoye Array 18.55 28 Pn Pn
BVAR 08 32 29.0 +0.5
BVAR 08 32 29.0 +0.5

KURBB Kurchatov Arra 20.76 43 Pn Pn
KURBB 08 32 53.1 +0.5
KURBB 08 32 53.1 +0.5

MKAR Makanchi Array 21.49 56 Pn Pn
MKAR 08 33 02.3 +1.7
MKAR 08 33 02.3 +1.7

AKASG Malin Array Bc 23.36 31 Pn Pn
AKASG 08 33 18.9 -1.3
AKASG 08 33 18.9 -1.3

NEIC 19 08:40:26.6, 0.3, 49.92N, 155.21E, mb4.3/9, Error ellipse:
s-maj=11.6km s-min=6.2km az=141.0

BUI 19 08:40:26.7, 49.80N, 155.40E, h90km, mb4.3/6, mb4.4/6
IDC 19 08:40:26.8, 0.6, 49.90N, 155.25E, h90km, mb3.8/25,

ISCJB 19 08:40:27.0, 0.5, 49.92N, 0.05, 155.37E, 0.06,
h113km, 4km, mb4.1/36, Error ellipse: s-maj=9.8km
s-min=3.8km az=141.0

ISC 19 08:40:26.7, 0.4, 49.79N, 0.06, 155.50E, 0.06, h99km, 3km,
h99km, pP, n120, e165/150, mb4.2/36, 3C-8D, Kuril
Islands

SKR Severo-Kuril's 0.98 24 Op Pn
SKR 08 40 46.1 -0.6
SKR 08 40 52.2 -2.6

SKR Severo-Kuril's 0.98 24 ePn Pn
SKR 08 40 42.5 -4.2
SKR 08 40 57.0 -4.8

SKR Severo-Kuril's 0.98 24 Op Pn
SKR 08 40 46.1 -0.6
SKR 08 40 52.2 -2.6

SKR Severo-Kuril's 0.98 24 ePn Pn
SKR 08 40 42.5 -4.2
SKR 08 40 57.0 -4.8

SKR Severo-Kuril's 0.98 24 Op Pn
SKR 08 40 46.1 -0.6
SKR 08 40 52.2 -2.6

SKR Severo-Kuril's 0.98 24 ePn Pn
SKR 08 40 42.5 -4.2
SKR 08 40 57.0 -4.8

SKR Severo-Kuril's 0.98 24 Op Pn
SKR 08 40 46.1 -0.6
SKR 08 40 52.2 -2.6

SKR Severo-Kuril's 0.98 24 ePn Pn
SKR 08 40 42.5 -4.2
SKR 08 40 57.0 -4.8

SKR Severo-Kuril's 0.98 24 Op Pn
SKR 08 40 46.1 -0.6
SKR 08 40 52.2 -2.6

SKR Severo-Kuril's 0.98 24 ePn Pn
SKR 08 40 42.5 -4.2
SKR 08 40 57.0 -4.8

SKR Severo-Kuril's 0.98 24 Op Pn
SKR 08 40 46.1 -0.6
SKR 08 40 52.2 -2.6

SKR Severo-Kuril's 0.98 24 ePn Pn
SKR 08 40 42.5 -4.2
SKR 08 40 57.0 -4.8

SKR Severo-Kuril's 0.98 24 Op Pn
SKR 08 40 46.1 -0.6
SKR 08 40 52.2 -2.6

SKR Severo-Kuril's 0.98 24 ePn Pn
SKR 08 40 42.5 -4.2
SKR 08 40 57.0 -4.8

SKR Severo-Kuril's 0.98 24 Op Pn
SKR 08 40 46.1 -0.6
SKR 08 40 52.2 -2.6

PET comp=E, 453nm, 0.6s smax smax
PET 08 28 38.1 -0.9
PET 08 29 04.0 +3.9

PET comp=N, 472nm, 0.5s MLR MLR
PET 08 28 38.1 -0.9
PET 08 28 43.4 +0.9

PET comp=N, 472nm, 0.5s MLR MLR
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PET 08 28 43.4 +0.9

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PET comp=N, 472nm, 0.5s MLR MLR
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PET 08 28 43.4 +0.9

PET comp=N, 472nm, 0.5s MLR MLR
PET 08 28 38.1 -0.9
PET 08 28 43.4 +0.9

19d 8h

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like BRVK Borovoye, EDM Edmonton, and CMAR Chiang Mai Arr.

CRSC 19 08:45:12.6:1.1, 54:50N:161:73E, h48km:13km, ML4.6, FELT [V] at GMS Kronoki. NEIC 19 08:45:13.7:0.4, 54:74N:161:38E, h35km, mb4.3/3, Error ellipse: s-maj=14.5km s-min=7.8km az=133.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like MKZ Mys Kozlova, KZV Kizimen, and various other stations in Kamchatka Peninsula.

2010 AUG

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like SMKR Semkarok, SMAR Somma, and various other stations.

1054

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like ARCES ARCESS Array B, SUMG Summit, and various other stations.

ISC/JB 19 08:49:24.1:0.3, 17:64N:0:03:94:63W, h153km:2km, mb4.4/4, Error ellipse: s-maj=5.0km s-min=3.9km az=37.8

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like TUIG Tuzandepeti, CMIG Matias Romero, and various other stations.

JTS	JuntasAbangare	11.96 126	P	Pn	08 52 09.6	-1.5	X38A	Whitesboro	16.98 360	P	Pn	08 53 14.0	+0.3	S29A	Ulysses	20.70 346	P	P	08 53 54.4	+0.8
JTS	JuntasAbangare	11.96 126	ePn	Sn	08 54 23.6	+0.2	Y31A	Rzekieta Farm,	17.01 344	P	Pn	08 53 14.4	+0.3	R34A	Isabella, Hill	20.72 353	P	P	08 53 53.7	-0.1
JTS	JuntasAbangare	11.96 126	ePn	Sn	08 52 10.9	-0.1	MNTX	Cowdus Mount	17.02 327	P	Pn	08 53 15.2	+0.9	R33A	Olander Ranch,	20.81 354	P	P	08 53 55.0	+0.3
636A	Smothers Creek	12.00 350	P	Pn	08 52 10.2	-1.1	MNTX	Cornudas Mount	17.02 327	eP	Pn	08 53 14.8	+0.6	S28A	Manter	20.87 344	P	P	08 53 56.3	+0.9
732A	Laxson Ranch,	12.06 337	P	Pn	08 52 11.7	-0.5	Z28A	Tucker Farm, M	17.05 338	P	Pn	08 53 15.0	+0.3	T26A	Comanche Natio	20.98 340	P	P	08 53 58.0	+1.2
633A	Seathoff Ranch	12.47 342	P	Pn	08 52 16.0	-1.5	TIGA	Trifton	17.07 34	P	P	08 53 12.2	-2.0	R31A	Burdett	21.02 349	P	P	08 53 56.9	-0.1
537A	Green Hill Far	12.49 354	P	Pn	08 52 15.4	-2.3	TIGA	Trifton	17.07 34	eP	P	08 53 13.7	-0.5	R32A	Long Quarter,	21.02 351	P	P	08 53 56.6	-0.3
632A	Uvalde	12.70 340	P	Pn	08 52 19.6	-1.0	Y30A	Stafford Cattle	17.11 342	P	Pn	08 53 16.0	+0.6	KM5C	Kings Mountain	21.14 32	eP	P	08 53 55.5	-2.7
534A	Blanco	12.81 345	P	Pn	08 52 20.9	-1.1	X34A	Smith Ranch, M	17.14 351	P	Pn	08 53 15.8	+0.1	KM5C	Kings Mountain	21.14 32	eP	P	08 53 57.0	-1.2
631A	Perdido Creek	12.90 337	P	Pn	08 52 22.0	-1.1	X33A	Smith Ranch, F	17.18 349	P	Pn	08 53 16.4	+0.2	R30A	Dighton	21.15 348	P	P	08 53 58.8	+0.4
533A	Kerrville	13.00 343	P	Pn	08 52 23.1	-1.3	UALR	University of	17.22 7	eP	Pn	08 53 16.8	+0.2	Q37A	Longview Farm,	21.18 1	P	P	08 53 58.7	+0.1
439A	Center Grove,	13.11 360	P	Pn	08 52 23.6	-2.2	X32A	Elmer	17.22 347	P	Pn	08 53 17.2	+0.5	Q35A	Mercer Eighty,	21.19 357	P	P	08 53 59.3	+0.5
436A	Wall Ranch, Ga	13.22 352	P	Pn	08 52 26.1	-1.1	Y29A	Porterfield Fa	17.33 340	P	Pn	08 53 18.4	+0.3	T25A	Trinidad	21.23 338	P	P	08 54 01.4	+1.9
532A	Rocksprings	13.31 340	P	Pn	08 52 28.0	-0.4	W38A	Poteau	17.38 1	P	P	08 53 17.9	+0.4	TZTN	Tazewell	21.29 25	eP	P	08 53 58.7	-1.1
434A	Burnet	13.52 347	P	Pn	08 52 29.4	-1.7	WMOK	Wichita Mounta	17.43 349	eP	Pn	08 53 18.7	-0.4	SLM	St Louis	21.30 10	eP	P	08 54 01.2	+1.3
531A	Rocksprings	13.57 338	P	Pn	08 52 31.0	-0.6	W37A	Quinton	17.46 358	P	P	08 53 18.3	-0.2	S26A	Kim	21.35 341	P	P	08 54 02.7	+1.9
JCT	Junction Creek	13.61 341	P	Pn	08 52 32.3	+0.2	OXF	Oxford	17.48 15	eP	P	08 53 18.8	+0.2	Q33A	Connelly Farm,	21.47 353	P	P	08 54 01.9	+0.1
JCT	Junction City	13.61 341	ePn	Sn	08 52 32.3	+0.2	W36A	Wetumka	17.50 356	P	Pn	08 53 19.3	+0.4	Q32A	Metter Ranch,	21.55 352	P	P	08 54 02.1	-0.6
339A	Huntington	13.65 1	P	Sn	08 55 02.6	-0.3	Y28A	McKinney Farm,	17.56 339	P	Pn	08 53 20.5	-0.4	R28A	Tribune	21.55 345	P	P	08 54 03.7	+0.9
433A	Art	13.66 344	P	Pn	08 52 32.4	-0.4	W35A	Tecumseh	17.57 354	P	P	08 53 20.1	+0.5	CBKS	Cedar Bluff	21.56 349	P	P	08 54 03.7	+0.8
338A	Crockett	13.69 358	P	Pn	08 52 30.8	-2.3	X31A	McDonald Ranch	17.58 346	P	Pn	08 53 21.0	+0.1	Q31A	Ellis	21.69 350	P	P	08 54 03.6	-0.6
340A	Bronson	13.76 3	P	Pn	08 52 33.2	-0.7	X30A	Coker Ranch, T	17.63 343	P	Pn	08 53 22.3	+0.6	214A	Organ Pipe Nat	21.70 314	P	P	08 54 06.4	+2.1
335A	Moody	13.82 350	P	Pn	08 52 34.8	+0.1	W34A	Bridge Creek,	17.75 352	P	Pn	08 53 22.6	-0.4	214A	Organ Pipe Nat	21.70 314	eP	P	08 54 06.6	+2.2
336A	Riesel	13.84 352	P	Pn	08 52 34.9	-0.1	W33A	Caddo, Fort Co	17.77 350	P	Pn	08 53 22.6	-0.6	R27A	Eads	21.77 343	P	P	08 54 05.5	+0.5
530A	J-C Ranch, Com	13.85 335	P	Pn	08 52 35.1	-0.2	MSTX	Muleshoe	17.80 338	eP	P	08 53 23.1	+0.7	Q30A	Quinter	21.81 348	P	P	08 54 06.0	+0.6
334A	Lometa	14.02 348	P	Pn	08 52 36.9	-0.4	X29A	Tulia	17.88 341	P	Pn	08 53 24.7	+0.1	OLIL	Olney	21.82 14	eP	P	08 54 04.6	-0.9
431A	Sonora	14.06 339	P	Pn	08 52 37.9	+0.1	W32A	Sentinel	17.89 348	P	Pn	08 53 24.0	-0.6	P35A	Duane Minner,	21.86 357	P	P	08 54 05.3	-0.5
NATX	Nacogdoches	14.08 0	P	Pn	08 52 36.7	-1.3	W31A	Holland Ranch,	18.10 346	P	Pn	08 53 26.2	+0.7	Q29A	Oakley	21.88 347	P	P	08 54 06.0	-0.2
NATX	Nacogdoches	14.08 0	ePn	Sn	08 52 38.9	+0.9	X28A	Dimmitt	18.10 340	P	Pn	08 53 26.9	-0.4	P34A	Walnut Farm, R	21.92 356	P	P	08 54 05.7	-0.8
NATX	Nacogdoches	14.08 0	ePn	Sn	08 55 16.6	+2.6	V36A	Jenks	18.12 357	P	P	08 53 25.5	-0.2	P36A	Good Intent, A	21.93 359	P	P	08 54 04.3	-2.2
333A	Richland Sprin	14.18 345	P	Pn	08 52 39.7	+0.3	V35A	Meyer Ranch, C	18.17 355	P	P	08 53 26.4	+0.2	R26A	Arlington	21.97 341	P	P	08 54 08.3	+1.1
529A	Stev Forest Ra	14.20 333	P	Pn	08 52 40.7	+1.1	V38A	Canehill	18.17 1	P	P	08 53 26.0	-0.3	SDCO	Great Sand Dun	22.17 337	P	P	08 54 10.9	+1.6
TXAR	Lajitas Array	14.24 327	P	Pn	08 52 41.6	+1.4	V37A	Hubert	18.19 359	P	P	08 53 26.4	-0.1	SDCO	Great Sand Dun	22.17 337	eP	P	08 54 11.1	+1.7
238A	Jacksonville	14.32 359	P	Pn	08 52 41.0	-0.1	TUL1	Tulsa	18.24 357	P	P	08 53 27.2	+0.2	P32A	Hutting Farm,	22.18 352	P	P	08 54 08.9	-0.2
237A	Washetta, Mont	14.35 356	P	Pn	08 52 41.1	-0.3	TUL1	Tulsa	18.24 357	eP	P	08 53 27.3	+0.2	P31A	Stockton	22.19 350	P	P	08 54 09.3	0.0
430A	Baggett Ranch,	14.38 337	P	Pn	08 52 43.2	+1.3	AMTX	Amarillo	18.28 342	P	Pn	08 53 28.9	-0.4	P30A	Selden	22.36 349	P	P	08 54 11.3	+0.4
332A	Millersview	14.44 343	P	Pn	08 52 42.2	-0.3	AMTX	Amarillo	18.28 342	eP	P	08 53 28.4	+0.9	KSCO	Kaye Shedlock'	22.40 344	P	P	08 54 11.9	+0.6
429A	Davenport Ranc	14.49 335	P	Pn	08 52 44.3	+1.0	V34A	Guthrie	18.31 353	P	P	08 53 28.3	+0.6	KSCO	Kaye Shedlock'	22.40 344	eP	P	08 54 12.7	+1.4
WHTX	Lake Whitney	14.52 351	ePn	Pn	08 52 43.5	-0.1	V33A	Lossen Ranch,	18.40 351	P	P	08 53 29.3	+0.6	O36A	Bolckow	22.43 360	P	P	08 54 11.0	-0.6
WHTX	Lake Whitney	14.52 351	ePn	Sn	08 55 24.7	+0.1	V32A	Arapaho	18.43 349	P	Pn	08 53 30.1	-0.9	O33A	Hebron	22.51 354	P	P	08 54 11.5	-0.8
331A	San Angelo	14.57 340	P	Sn	08 52 44.6	+0.3	W29A	Arraillo	18.49 342	P	Pn	08 53 30.9	-0.8	O34A	Beatrice	22.55 356	P	P	08 54 12.0	-0.6
234A	Clairette	14.65 348	P	Pn	08 52 45.2	0.0	V31A	Spring Creek L	18.64 347	P	Pn	08 53 32.5	-1.0	Q26A	Hugo	22.57 342	P	P	08 54 14.8	+1.8
233A	Rising Star	14.82 346	P	Pn	08 52 47.1	-0.3	U37A	Salina	18.71 359	P	P	08 53 31.8	-0.4	O35A	Humboldt	22.59 358	P	P	08 54 12.3	-0.7
136A	Ennis	14.88 354	P	Pn	08 52 47.8	-0.2	U36A	Oologah	18.72 357	P	P	08 53 32.1	-0.1	BLO	Bloomington	22.63 17	eP	P	08 54 12.2	-1.2
232A	Coleman	14.89 344	P	Pn	08 52 48.0	-0.2	U38A	Gravette	18.75 1	P	P	08 53 32.2	-0.4	S22A	4UR Ranch, Cre	22.69 334	P	P	08 54 15.5	+1.2
300A	Mertzton	14.92 338	P	Pn	08 52 49.2	+0.6	U35A	Pawnee	18.76 355	P	P	08 53 32.1	-0.6	P28A	Saint Francis	22.71 346	P	P	08 54 15.4	+1.1
138A	Mattatall Enter	14.98 359	P	Pn	08 52 48.3	-1.0	W28A	Vega	18.78 341	P	Pn	08 53 34.9	-0.4	O31A	Woolen Ranch,	22.80 351	P	P	08 54 14.7	-0.4
135A	Vickery Place,	15.07 351	P	Pn	08 52 50.2	-0.2	V30A	Spur Ranch, Mi	18.83 345	P	Pn	08 53 35.4	-0.4	O30A	MW Ranch, Wils	22.95 349	P	P	08 54 17.1	+0.7
231A	Bronte	15.12 342	P	Pn	08 52 51.0	-0.1	U34A	Anderson Ranch	18.91 353	P	P	08 53 35.0	+0.8	MVCO	Mesa Verde	22.97 331	P	P	08 54 18.7	+1.8
134A	White-Moore Ra	15.19 349	P	Pn	08 52 51.5	-0.4	121A	Cookes Peak, D	18.95 324	P	Pn	08 53 37.6	+0.3	MVCO	Mesa Verde	22.97 331	eP	P	08 54 19.4	+2.5
230A	Sterling City	15.33 339	P	Pn	08 52 54.2	+0.4	121A	Cookes Peak, D	18.95 324	eP	Pn	08 53 37.6	+0.3	Q29A	4D Ranch, Culb	23.03 348	P	P	08 54 17.7	+0.5
133A	Hamilton Ranch	15.39 347	P	Pn	08 52 54.0	-0.4	U33A	Lingo Farm, Me	18.98 352	P	P	08 53 36.1	+1.1	N33A	J Bar K, Exete	23.16 355	P	P	08 54 17.8	-0.5
Z37A	Pogue Cattle C	15.53 357	P	Pn	08 52 56.4	+0.2	U32A	Winter Ranch,	19.06 349	P	Pn	08 53 37.2	+1.2	WUAZ	Wupatki	23.16 324	P	P	08 54 20.3	+1.8
ABTX	Abilene, Hawle	15.58 344	P	Pn	08 52 57.1	+0.3	V29A	Stinnett	19.15 343	P	Pn	08 53 38.5	-1.1	WUAZ	Wupatki	23.16 324	eP	P	08 54 21.8	+3.3
ABTX	Abilene, Hawle	15.58 344	ePn	Sn	08 52 57.0	+0.2	V28A	Channing	19.24 341	P	P	08 53 39.0	+1.0	N35A	Tabor	23.17 358	P	P	08 54 17.4	-1.0
ABTX	Bryant Ranch,	15.65 337	ePn	Sn	08 55 49.3	-0.9	T35A	Sooner Cattle	19.29 356	P	P	08 53 37.8	-0.6	N34A	Lincoln	23.19 357	P	P	08	

19d 9h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SRU San Rafael, JFWS Jewell Farm, MSU Marysvale, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OKSP Okmok Steeple, OKFG Magazine Ridge, etc.

2010 AUG

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OKSO Okmok South, OKCE Okmok Cone E, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, MAW Mawson, etc.

Table with columns: Station ID, Name, Frequency, Power, SNR, and other technical details. Includes stations like INK, G05D, I04A, etc.

Table with columns: Station ID, Name, Frequency, Power, SNR, and other technical details. Includes stations like E26A, IRM, B28A, etc.

Table with columns: Station ID, Name, Frequency, Power, SNR, and other technical details. Includes stations like CBKS, R30A, U28A, etc.

19d 9h

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like Bronte, Salina, Stev Forest Ra, etc.

2010 AUG

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like AKASG Malin Array Be, CMAR Chiang Mai Arr, VRAC, etc.

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Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like HABR Khabarovsk, MAJ0 Matsushiro, MAJ1 Matsushiro, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like WMQ, EGAK, MKAR, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like PSZ, KHC, GERES, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like WEBT, WESN, SSBA, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like mb1 4.3/12, mb1mx4.0/39, mbtmp4.2/12, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MGOD Makushin Gods, MCIR Makushin Cirqu, MSW Makushin Switc, etc.

SIGU 19 14:48:05.70.2.0.48.04N:0.02:20.82E:0.01, h14km₂1km, mb2.5/10
 CSEM 19 14:48:06.70.2.0.47.99N:20.80E, h5km, ML2.4, Error ellipse: s-maj=5.4km s-min=4.1km az=3.0
 ISC 19 14:48:07.3.1.0.48.05N:0.03:20.78E:0.02, h17km₉km, n39, c0985/64, 8C-6D, Czech and Slovak Republics

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
PSZ	Piszkesteto	0.61	258	Op	Sg	14 48 19.4	0.0
PSZ	Piszkesteto	0.61	258	Op	Sb	14 48 28.3	+0.5
PSZ	Piszkesteto	0.61	258	Op	Sg	14 48 19.4	0.0
PSZ	Piszkesteto	0.61	258	Op	Sb	14 48 28.3	+0.5
PSZ	Piszkesteto	0.61	258	Op	Sg	14 48 29.0	+1.2
PSZ	Piszkesteto	0.61	258	Op	Sb	14 48 29.0	+1.2
CRVS	Cervenica-Dubn	0.97	28	Op	Sg	14 48 20.0	+1.2
CRVS	Cervenica-Dubn	0.97	28	Op	Sb	14 48 26.0	-0.1
CRVS	Cervenica-Dubn	0.97	28	Op	Sg	14 48 38.9	0.0
CRVS	Cervenica-Dubn	0.97	28	Op	Sb	14 48 26.0	-0.1
CRVS	Cervenica-Dubn	0.97	28	Op	Sg	14 48 38.9	0.0
UZH	Uzhgorod	1.17	59	Op	Sg	14 48 28.6	-0.2
UZH	Uzhgorod	1.17	59	Op	Sb	14 48 32.8	0.0
UZH	Uzhgorod	1.17	59	Op	Sg	14 48 44.8	-0.3
UZH	Uzhgorod	1.17	59	Op	Sb	14 48 50.0	0.0
TRPA	Tarpa	1.18	85	Op	Pg	14 48 29.8	-0.3
TRPA	Tarpa	1.18	85	Op	Pb	14 48 29.8	-0.3
TRPA	Tarpa	1.18	85	Op	Pg	14 48 45.3	-0.3
TRPA	Tarpa	1.18	85	Op	Pb	14 48 27.5	-1.5
TRPA	Tarpa	1.18	85	Op	Pg	14 48 45.8	+0.2
BERU	Beregovo	1.26	81	Op	Pg	14 48 30.7	+0.1
BERU	Beregovo	1.26	81	Op	Pb	14 48 47.3	+0.6
DRGS	Kolonice sedl	1.33	48	Op	Pg	14 48 37.9	-1.1
MUKU	Mukachevo	1.34	72	Op	Pb	14 48 31.6	-0.3
MUKU	Mukachevo	1.34	72	Op	Pg	14 48 50.0	-0.6
VYHS	Vyhne	1.38	290	Op	Pg	14 48 32.4	-0.1
VYHS	Vyhne	1.38	290	Op	Pb	14 48 51.9	+0.2
VYHS	Vyhne	1.38	290	Op	Pg	14 48 32.3	-0.2
VYHS	Vyhne	1.38	290	Op	Pb	14 48 31.0	+0.2
STHS	Stebnicka Huta	1.41	12	Op	Pg	14 48 34.6	+0.1
STHS	Stebnicka Huta	1.41	12	Op	Sg	14 48 53.4	+0.6
STHS	Stebnicka Huta	1.41	12	Op	Pg	14 48 34.5	+0.1
STHS	Stebnicka Huta	1.41	12	Op	Sg	14 48 53.4	+0.6
LANS	Liptovska Anna	1.41	322	Op	Pg	14 48 34.1	-0.4
LANS	Liptovska Anna	1.41	322	Op	Pb	14 48 53.6	+0.8
LANS	Liptovska Anna	1.41	322	Op	Pg	14 48 34.1	-0.4
LANS	Liptovska Anna	1.41	322	Op	Pb	14 48 53.6	+0.8
TRSU	Trosnyk	1.46	87	Op	Pb	14 48 34.6	+0.6
TRSU	Trosnyk	1.46	87	Op	Pg	14 48 54.0	-0.5
PKST	Kunszentmiklos	1.53	228	Op	Pg	14 48 46.9	+1.5
BRIU	Brid	1.58	78	Op	Pg	14 48 36.3	-0.4
BRIU	Brid	1.58	78	Op	Pb	14 48 56.7	+0.1
KORU	Korolevo	1.58	85	Op	Pg	14 48 37.1	-0.6
KORU	Korolevo	1.58	85	Op	Pb	14 48 57.5	-0.8
DRGR		1.81	133	Op	Pg	14 48 37.8	0.0
DRGR		1.81	133	Op	Pb	14 48 59.6	-0.8
MEZ	Mezhor'ye	1.89	75	Op	Pg	14 48 42.4	-1.1
MEZ	Mezhor'ye	1.89	75	Op	Pb	14 49 07.4	-0.6
RAK	Rakhov	2.29	88	Op	Pg	14 48 48.8	+0.6
RAK	Rakhov	2.29	88	Op	Pb	14 49 18.0	+1.8
RAK	Rakhov	2.29	88	Op	Pg	14 49 26.8	0.0
MORU	Morshyn	2.32	61	Op	Sg	14 49 19.8	-2.1
PKSM	Moragy	2.34	219	Op	Pg	14 48 44.8	-0.2
PKSM	Moragy	2.34	219	Op	Pb	14 49 12.4	-0.9
PKSM	Moragy	2.34	219	Op	Pg	14 49 12.3	-1.0
PKSM	Moragy	2.34	219	Op	Pb	14 49 12.3	-1.0
PKSM	Moragy	2.34	219	Op	Pg	14 48 51.1	-1.2
PKSM	Moragy	2.34	219	Op	Pb	14 49 12.3	-1.0
NSLU	Nyzhne Selyshc	2.47	85	Op	Pg	14 48 39.9	-6.8
NSLU	Nyzhne Selyshc	2.47	85	Op	Pb	14 49 03.3	-1.3
MORC	Moravsky Berou	2.75	310	Op	S	14 49 27.9	-1.5
MORC	Moravsky Berou	2.75	310	Op	Sb	14 49 27.9	-1.5
KSV	Kosov	2.88	83	Op	Sg	14 49 28.7	+2.1
GZR	Gura Zlata	2.99	152	Op	Pg	14 48 55.1	+1.2
GZR	Gura Zlata	2.99	152	Op	Pb	14 48 55.1	+1.2
BURAR	Bucovina Array	3.02	97	Op	Pg	14 48 53.9	-0.5
BURAR	Bucovina Array	3.02	97	Op	Pb	14 49 31.1	+1.0

ISK 19 14:48:54.6, 40'03"N:33'56"E, h11km, MD2.7
 CSEM 19 14:48:55.7, 0.2, 40'01"N:33'59"E, h2km, MD2.8, Error ellipse: s-maj=6.4km s-min=4.3km az=84.0
 DDA 19 14:48:56.2, 40'00"N:33'60"E, h7km, MD2.8
 ISC 19 14:48:56.3, 1.1, 39'99"N:02:33'59"E:0.03, h13km₁₁km, n22, c099/32, Turkey

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
ELDT	Eldivan	0.51	346	Op	Pg	14 49 05.5	-1.0
ELDT	Eldivan	0.51	346	Op	Pb	14 49 15.7	+0.8
ELDT	Eldivan	0.51	346	Op	Pg	14 49 05.5	-1.0
KAMT	Kaman	0.63	171	Op	Pg	14 49 07.9	-0.8
KAMT	Kaman	0.63	171	Op	Pb	14 49 17.6	-0.4
KAMT	Kaman	0.63	171	Op	Pg	14 49 07.8	-0.8
KAMT	Kaman	0.63	171	Op	Pb	14 49 17.6	-0.4
AFSR	Af ar-Bala (A)	0.68	217	Op	Pg	14 49 08.4	-1.1
AFSR	Af ar-Bala (A)	0.68	217	Op	Pb	14 49 18.5	+0.9
CDAG	Cicekdag	0.70	121	Op	Sg	14 49 07.9	-0.6
CDAG	Cicekdag	0.70	121	Op	Pb	14 49 20.0	-0.2
CDAG	Cicekdag	0.70	121	Op	Sg	14 49 09.5	-0.6
CDAG	Cicekdag	0.70	121	Op	Pb	14 49 20.0	-0.2
CORM	Corum	0.82	76	Op	Pg	14 49 11.0	-1.2
CORM	Corum	0.82	76	Op	Pb	14 49 21.2	-0.2
SERE	Serefilikochisa	1.04	181	Op	Pg	14 49 16.1	-0.4
SERE	Serefilikochisa	1.04	181	Op	Pb	14 49 31.3	0.0
TOS	Tosya	1.09	17	Op	Pg	14 49 15.7	-1.7
TOS	Tosya	1.09	17	Op	Pb	14 49 15.7	-1.7
CTKT	Corum	1.11	55	Op	Pg	14 49 17.5	-0.3
CTKT	Corum	1.11	55	Op	Pb	14 49 17.5	-0.3
BCAM	Yenicaga	1.43	306	Op	Pg	14 49 22.3	+0.2
BCAM	Yenicaga	1.43	306	Op	Pb	14 49 44.4	+2.1
BCAM	Yenicaga	1.43	306	Op	Pg	14 49 22.3	+0.2
AVNT	Avonos	1.56	141	Op	Pb	14 49 25.1	-0.3
AVNT	Avonos	1.56	141	Op	Pg	14 49 47.7	+2.3
AVNT	Avonos	1.56	141	Op	Pb	14 49 25.1	-0.3
GULA	Gulagac	1.72	163	Op	Pg	14 49 25.8	-0.3
GULA	Gulagac	1.72	163	Op	Pb	14 49 25.8	-0.3
BOYT	Boyabat	1.74	35	Op	Pg	14 49 28.1	-0.1
BOYT	Boyabat	1.74	35	Op	Pb	14 49 28.1	-0.1

NIED 19 14:58:00, 39'20"N:143'40"E, h17km, Mw4.0 Best double couple: M₁:0.10000;10¹⁵ N₁:1.177;0.00000; 3.31;0.00000; 7.61;0.00000; N₂:0.30;0.00000; 3.63;0.00000; 1.06;0.00000
 ISC 19 14:58:06.2, 1.6, 38'95"N:144'23"E, h0km, mb3.6/6, mb1 3.7/10, mb1mx3.6/45, mbmt3.6/10, ML2.7/3, MS3.1/7, Ms1 3.1/7, ms1mx2.7/43, Error ellipse: s-maj=32.8km s-min=22.4km az=96.0
 ISCJB 19 14:58:12.6, 39'18"N:143'50"E, h23km, mb3.4/7, MS3.2/4, Error ellipse: s-maj=7.2km s-min=5.1km az=30.0
 JMA 19 14:58:13.3, 0.1, 39'15"N:143'45"E, h29km₄km, M3.8
 ISC 19 14:58:13.9, 1.1, 39'20"N:0.05:143'47"E:0.09, h23km₃32, c017/35, mb3.6/7, MS3.3/4, Off east coast of Honshu

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
MIYV	Miyakonagasawa	1.34	287	Op	Pg	14 58 46.7	0.0
MIYV	Miyakonagasawa	1.34	287	Op	Pb	14 58 53.0	-1.2
OFUJ	Ofunato	1.41	266	Op	Pg	14 58 37.3	-0.8
OFUJ	Ofunato	1.41	266	Op	Pb	14 58 54.6	-1.3
JTH	Tanohata	1.45	301	Op	Pg	14 58 38.2	-0.5
JTH	Tanohata	1.45	301	Op	Pb	14 58 56.3	-0.6
JOM	Ohasama	1.71	280	Op	Pg	14 58 42.2	-0.1
JOM	Ohasama	1.71	280	Op	Pb	14 59 03.7	+0.2
JMK	Ichinoseki	1.77	263	Op	Pg	14 58 42.8	-0.3
JMK	Ichinoseki	1.77	263	Op	Pb	14 58 42.9	-0.8
JIO	Ouri	1.82	247	Op	Pg	14 59 04.1	-1.9
JIO	Ouri	1.82	247	Op	Pb	14 59 04.9	-0.1
JANG	Nango	1.91	309	Op	Pg	14 59 49.7	+0.5
JRG	Rokugo	2.21	276	Op	Pg	14 59 47.7	+0.5
JRG	Rokugo	2.21	276	Op	Pb	14 59 16.2	+0.4
JOU	Okura	2.35	250	Op	Pg	14 58 51.2	+0.2
JOU	Okura	2.35	250	Op	Pb	14 59 19.1	-0.1
JAH	Hinai	2.40	295	Op	Pg	14 58 52.1	+0.3

JTM	Tenmabayashi	2.44	311	P	Pn	14 58 52.8	+0.6
JTM	Tenmabayashi	2.44	311	P	Sb	14 59 22.2	+0.9
JYK	Kaneyama	2.44	264	P	Sb	14 58 52.5	+0.2
JMM	Marumori	2.49	239	P	Pn	14 58 52.3	-0.6
JMM	Marumori	2.49	239	P	Sb	14 59 21.1	-1.4
JOT	Ohta <td>2.87</td> <td>300</td> <td>eS</td> <td>Sg</td> <td>14 59 02.0</td> <td>+1.1</td>	2.87	300	eS	Sg	14 59 02.0	+1.1
JFT	Otama <td>2.98</td> <td>237</td> <td>eS</td> <td>Pn</td> <td>14 59 00.0</td> <td>+0.2</td>	2.98	237	eS	Pn	14 59 00.0	+0.2
JFT	Otama <td>2.98</td> <td>237</td> <td>eS</td> <td>Sb</td> <td>14 59 34.4</td> <td>-0.4</td>	2.98	237	eS	Sb	14 59 34.4	-0.4
MJAR	Matsushiro Arr	4.94	239	P	Pn	14 59 28.2	+1.6
1.1nm, 0.3s, baz=52, slow=12, SNR=44							
MJAR	Matsushiro Arr	4.94	239	P	LR	15 01 14.8	0.0
2.50nm, 21.9s, baz=35, slow=15, SNR=35							
MAT	Matsushiro	4.94	239	P	Pn	14 59 28.3	+1.6
MAT	Matsushiro	4.94	239	P	Sb	15 00 26.9	+3.8
ASAJ	Asahikawa	4.96	353	Pn	Pn	14 59 27.4	+0.4
2.0nm, 0.2s, baz=11, SNR=13							
USRK	Ussuriysk Arr	9.94	304	Pn	Pn	15 00 38.7	+3.5
0.2nm, 0.3s, baz=91, slow=14, SNR=4.8							
JNU	Nakatsue	11.84	243	LR	LR	15 06 04.2	0.0
comp=Z, 130nm, 19.0s, baz=10, slow=39, SNR=10							
KSRS	Korea Array	12.34	287	Pn	Pn	15 01 11.8	+3.7
0.1nm, 0.3s, baz=79, slow=14, SNR=3.7							
KSRS	Korea Array	12.34	287	Pn	LR	15 05 24.4	0.0
comp=Z, 55nm, 19.9s, baz=110, slow=34, SNR=22							
SEY	Seymour	24.37	10	P	P	15 03 27.3	-2.6
0.8nm, 0.3s, baz=345, slow=20, SNR=2.2							
H1N2	WAKE ISLAND Hy	28.00	127	T	T	15 33 16.8	0.0
baz=319, slow=74, SNR=18							
H1N1	WAKE ISLAND Hy	28.01	127	T	T	15 33 20.1	0.0
baz=319, slow=74, SNR=13							
SONM	Songio Array	28.02	300	P	P	15 04 04.0	+0.9
0.8nm, 0.6s, baz=91, slow=9.0, SNR=5.9							
SONM	Songio Array	28.02	300	P	LR	15 15 45.9	0.0
comp=Z, 73nm, 18.6s, baz=88, slow=37, SNR=14							
H1N3	WAKE ISLAND Hy	28.02					

Table listing station names, coordinates, and times for stations like CPUP Villa Florida, CPUP La Paz, LPAZ La Paz, etc.

Table listing station names, coordinates, and times for stations like SPSI Sidrap Palu, FAKI Fak Fak, FAKI Fak Fak, etc.

Table listing station names, coordinates, and times for stations like KMBO Kilima Mbogo, BRTR Keskin Array B, ARCES ARCES Array B, etc.

ISCJB 19 17:02:56.0±0.5, 33°41'N, 107°13'50"E, h0km, Error ellipse: s-maj=9.1km s-min=7.5km az=167.5

Table listing station names, coordinates, and times for stations like TONANKAI O.B.S., TOKAI 2, TONANKAI O.B.S., etc.

ISCJB 19 16:06:09.0±0.7, 37°20'N, 150°03'28"E, h0km, Error ellipse: s-maj=7.5km s-min=3.5km az=147.6

DDA 19 16:06:10.2±0.7, 37°23'N, 152°22'E, h7km, MD2.5 Error ellipse: s-maj=7.4km s-min=3.8km az=56.0

Table listing station names, coordinates, and times for stations like YER Yerkesik, YER Yerkesik, YER Yerkesik, etc.

Table listing station names, coordinates, and times for stations like KTMG Kuala Trengganu, FRIM Kepong, IPM Ipoh, etc.

Table listing station names, coordinates, and times for stations like TONANKAI O.B.S., TOKAI 2, TONANKAI O.B.S., etc.

BUI 19 16:22:29.1±0.68N, 125°47'E, h36km, mb4.6/17, mb4.8/11 Error ellipse: s-maj=5.0km s-min=3.7km az=36.2

NEIC 19 16:22:37.0±0.6, 0°9'N, 125°44'E, h91km, mb4.6/11, Error ellipse: s-maj=8.0km s-min=6.3km az=54.0

DAJ 19 16:22:38.7±0.4, 1°N, 125°52'E, h40km, 21km, M4.5/11, Error ellipse: s-maj=7.6km s-min=7.0km az=77.0

AUST 19 16:22:40.0±0.6, 0°11'N, 125°38'E, h114km, Error ellipse: s-maj=1.0km s-min=0.7km az=15.0

Table listing station names, coordinates, and times for stations like KMSI Cibinong, TNTI Ternate, GTOI Gorontalo, etc.

Table listing station names, coordinates, and times for stations like MAT Matsushiro, MJAR Matsushiro, CN2 Changchun, etc.

IDC 19 17:06:08.2±1.4, 7°18'S, 130°53'E, h0km, mb3.9/2, Error ellipse: s-maj=58.2km s-min=21.9km az=80.0

AUST 19 17:06:14.0±0.7, 15°S, 130°8'E, h60km, Error ellipse: s-maj=1.5km s-min=0.8km az=277.0

Table listing station names, coordinates, and times for stations like FAKI Fak Fak, MTN Mantong Dam, KDU Kakadu, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H1N3 WAKE ISLAND, H1H3 WAKE ISLAND, H1S1 WAKE ISLAND, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like XMI Christmas Isla, XMIS Christmas Isla, XSKJ Sukabumi, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AFI Afiamalu, URZ Urewera, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMJJ Cimerak, KASI Kota Agung, LWLI Liwa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SKO 19:18:38.5, BEO 19:18:38.5, THE 19:18:38.9, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HAZ Te Kaha, PUK Puketiti, MWZ Matawai, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BATI Baumenta, SOEI Soe, FITZ Fitzroy Crossi, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like STKA Stephens Creek, KSAR Wonju Array, KSRS Korea Array, etc.

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KARP Karpathos, APE Apeiranthos, YER Yerkesik, AYDN Tasoluk, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include THRE Thira Island, IMRV Iera Moni Meta, IMMV Iera Moni Meta, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MMAL, BRTR Keskin Array B, EIL Elat, etc.

IDC 19 21:34:01.0-0.8,34.28N-26.34E, h0km, mb3.9/16, mb1.4, 0/24, mb1mx3.9/39, mbtmp3.9/24, ML4,0,8, Error ellipse: s-maj=18.2km s-min=12.5km az=5.0

CSEM 19 21:34:02.3-0.2,34.17N-26.38E, h2km, MD3.6, Error ellipse: s-maj=4.4km s-min=3.2km az=8.0

ATH 19 21:34:03.3,34.20N-26.34E, h21km,2km, MD3.6/18 DDA 19 21:34:03.0,34.37N-26.36E, h9km, MD3.5

ISCBJ 19 21:34:04.1-0.4,34.11N-0.02-26.45E-0.02, h45km,5km, mb3.9/16, Error ellipse: s-maj=4.2km s-min=2.9km az=5.5

HLW 19 21:34:05.4,34.07N-26.53E, h34km,3km, MD3.2, Error ellipse: s-maj=3.7km s-min=0.9km az=3.9

THE 19 21:34:06.3,34.36N-26.29E, h0km,1km, ML3.2/4, Error ellipse: s-maj=3.7km s-min=0.9km az=16.0

NIC 19 21:34:10.7,35.16N-26.78E, h25km, mb4.0, ML3.3, Error ellipse: s-maj=11.0km s-min=0.05-26.41E-0.03, h37km,1km, n152, e1928/218, mb3.8/16, 5C-3D, Crete

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LAST Lasithi, NPS Neapolis, KARP Karpathos, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SWA2, KHAL Karahalli, POPY Karpathos, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MAN 19 21:41:57, DCPH Dipolog City, etc.

ISCJB 19 21:46:02.9-0.9,36.53N-107.26E-0.05, h126km,10km, Error ellipse: s-maj=12.6km s-min=5.1km az=156.1

CSEM 19 21:46:03.7-0.3,36.53N-26.88E, h120km,3km, MD2.5, Error ellipse: s-maj=6.8km s-min=3.0km az=156.0

ATH 19 21:46:03.3,36.59N-26.82E, h116km,4km, Error ellipse: s-maj=6.8km s-min=3.0km az=156.0

DDA 19 21:46:04.7,36.09N-27.06E, h28km, MD2.5, Error ellipse: s-maj=6.8km s-min=3.0km az=156.0

ISC 19 21:46:02.7-1.6,36.56N-106.26E-0.04, h130km,12km, n25, e1926/44, Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include BDRM Kayabasi, DCPH Dipolog City, etc.

NIED 19 21:49:00,37.70N-142.00E, h41km, Mw3.4, Best double couple: M1.48000-1014, NP1.8249.00000, B34.00000, L131.00000, NP2.23.00000, B65.00000, L66.00000

JMA 19 21:49.2-0.1,37.69N-141.98E, h36km,2km, ML3.5, 9D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include JIO Ouri, JFK Kawauchi, JMM Marumori, etc.

19d 22h

Table with columns: JRG, Rokugo, 2.00 329, Pn, 21 50 22.3 +1.8, etc.

BUC 1922:10:44.9-0.8, 45'04N-22'42E, h2km, MD2.1/2, 6C, Error ellipse: s-maj=6.6km s-min=1.0km az=359.0, Romania

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

SZGRF 1922:12:55.9, 14'20N-90'60W, h63km, mb5.0, Guatemala

1922:13:01.4-0.4, 14'16N-90'96W, h60km, 3km, mb4.4/31, mb1.4/34, mb1mx4.6/36, mb1mp4.8/34, MS4.6/29, MS1.4/6/29, ms1mx4.6/35, Error ellipse: s-maj=15.5km s-min=7.7km az=58.0

MOS 1922:13:02.7-1.1, 14'21N-90'97W, h77km, mb5.3/31, MS4.7/8, Error ellipse: s-maj=10.8km s-min=5.3km az=106.5

NEIC 1922:13:02.6-0.5, 14'03N-91'12W, h68km, 5km, mb5.2/131, MD5.2(MEX), MD5.4(SNET), Error ellipse: s-maj=5.7km s-min=3.8km az=214.0

NEIC Felt [I] at Antigua Guatemala, Guatemala and Mixco. Also felt at Amatitlan, Comalapa, Escuintla, Jocotenango, Juliapa, Mazatenango, Quetzaltenango, Retalhuleu, San Jose Pinula, Santa Catarina Pinula, Santa Lucia Milpas Altas, San Vicente Pacaya and Villa Nueva. Felt [II] at San Salvador. Also felt at Antigua, Cuscatlan and Melicanos. Felt at Tegucigalpa, Honduras and at Tapachula, Mexico.

ISCJB 1922:13:02.6-0.3, 14'15N-0'03-91'16W, h78km, 2km, mb4.9/156, Error ellipse: s-maj=4.9km s-min=2.5km az=37.0

CASC 1922:13:02.8-1.5, 13'93N-91'29W, h38km, 73km, MD5.1, ML5.1, mb5.8(NEIC)

GCMT 1922:13:02.6-0.2, 13'87N-91'65W, h70km, MW5.5/102, Moment Tensor Solution. s97,c168; s102,c197; Duration: 1s3 Moment tensor: Scale 10^17Nm; Mw=1.70±.03; Mw=0.99±.03; Mw=0.79±.03; Mw=1.18±.02; Mw=1.16±.02; Mw=0.52±.02; Best double couple: Ms=1.94500±0.17 Np1=141.00000°, δ53.00000°, λ102.00000°. NP2=301.00000°, δ39.00000°, λ74.00000°. Principal axes: T=1.8090, Plg78.0000°, Azm96.0000°; N=0.2700, Plg10.0000°, Azm314.0000°; P=-0.2862, Plg7.0000°, Azm222.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

BUI 1922:13:04.2, 14'36N-90'61W, h83km, mb5.1/19, MS5.3/23, MS7.5/22

MEX 1922:13:11.1±0.9, 14'31N-91'96W, h38km, 35km, MD5.2, ISC 1922:13:01.7±0.3, 14'03N-0'04-91'24W, h04.6h63km, 2km, h63km, mb4.9, n839, r1490/874, mb5.0/156, 15C-18D, Guatemala

Main station list table for Guatemala region with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

2010 AUG

Main station list table for 2010 AUG region with columns: YAIG, PLIG, PLIG, etc., including station names like Platanillo, El Cayaco, Zihuatanejo, etc.

1070

Main station list table for 1070 region with columns: TIGA, TIGA, WHTX, WHTX, etc., including station names like Trifton, Lake Whitney, Bunkhouse Ranch, etc.

WMOK	comp=Z,121nm,1.2s	21.71	343	eP	P	22 17 46.6	-1.0
WMOK	Wichita Mounta			eS	S	22 21 47.0	+2.4
WMOK	comp=Z,121nm,1.2s					22 17 49.8	+0.7
MNTX	Cornudas Mount	21.85	326	P	P	22 17 50.3	+1.2
MNTX	Cornudas Mount	21.85	326	eP	P	22 17 50.2	+1.0
GNAR	Gosnell	21.87	3	eP	P	22 17 50.2	+1.0
Y29A	Porterfield Fa	21.89	336	P	P	22 17 49.8	+0.2
W34A	Bridge Creek,	21.92	346	P	P	22 17 49.6	-0.2
W34A	Bridge Creek,	21.92	346	eP	P	22 17 49.2	-0.7
V38A	Carnehill	21.93	353	P	P	22 17 49.6	-0.3
X31A	McDonald Ranch	21.98	340	P	P	22 17 49.8	-0.7
W33A	Caddo, Fort Co	22.02	344	P	P	22 17 50.2	-0.7
V37A	Hulbert	22.04	352	P	P	22 17 50.7	-0.4
V36A	Jenks	22.07	350	P	P	22 17 51.0	-0.4
JSC	Jenkinsville	22.09	22	eP	P	22 17 53.1	+1.5
JSC	comp=Z,100nm,1.1s						
JSC	Jenkinsville	22.09	22	eP	P	22 17 53.1	+1.5
X30A	Coker Ranch, T	22.12	338	P	P	22 17 51.7	-0.3
CPCT	Cooper Cave	22.17	15	eP	P	22 17 53.6	+1.1
TUL1	Tulsa	22.17	350	P	P	22 17 52.0	-0.5
TUL1	Tulsa	22.17	350	eP	P	22 17 51.4	-1.1
Y28A	McKinney Farm,	22.17	335	P	P	22 17 52.3	-0.3
W32A	Sentinel	22.21	342	P	P	22 17 52.4	-0.6
WVT	Waverly	22.22	7	eP	P	22 17 53.1	+0.1
WVT	Waverly	22.22	7	eP	P	22 17 53.1	+0.1
V35A	Meyer Ranch, C	22.22	348	P	P	22 17 52.6	-0.4
X29A	Tulia	22.42	337	P	P	22 17 54.6	-0.7
V34A	Guthrie	22.43	347	P	P	22 17 54.9	-0.5
V34A	Guthrie	22.43	347	eP	P	22 17 54.2	-1.1
MSTX	Muleshoe	22.44	334	eP	P	22 17 54.9	-0.6
MSTX	comp=Z,64nm,1.1s						
MSTX	Holland Ranch,	22.48	341	eP	P	22 17 48.5	+0.4
U38A	Gravette	22.49	353	P	P	22 17 55.4	-0.4
U37A	Salina	22.55	352	P	P	22 17 55.8	-0.7
TKL	Tuckaleechee C	22.56	16	P	P	22 17 56.0	-0.7
TKL	comp=Z,4.9nm,0.8s,baz=288,slow=16,SNR=38						
TKL	comp=Z,4.9nm,0.8s,baz=288,slow=16,SNR=20						
PARMO	Parma	22.58	3	eP	P	22 17 56.2	-0.6
V33A	Lossen Ranch,	22.60	345	P	P	22 17 56.5	-0.7
U36A	Oologah	22.63	351	P	P	22 17 56.4	-1.0
PBMO	Poplar Bluff	22.66	2	eP	P	22 17 57.1	-0.6
X28A	Dimmitt	22.68	336	P	P	22 17 57.3	-0.8
W30A	Crockett Farms	22.68	340	P	P	22 17 57.7	-0.4
V32A	Arapaho	22.71	343	P	P	22 17 57.9	-0.4
U35A	Pawnee	22.79	348	P	P	22 17 57.9	-1.1
AMTX	Amarillo	22.80	337	P	P	22 17 59.0	-0.4
AMTX	Amarillo	22.80	337	eP	P	22 17 58.5	-0.9
KMSC	Kings Mountain	22.84	21	P	P	22 17 59.2	-0.4
KMSC	Kings Mountain	22.84	21	eP	P	22 18 00.5	+0.9
V31A	Spring Creek L	22.99	342	P	P	22 18 01.0	-0.2
W29A	Amraillo	23.00	338	P	P	22 18 01.0	-0.4
U34A	Anderson Ranch	23.01	347	P	P	22 18 00.2	-1.1
U34A	Anderson Ranch	23.01	347	eP	P	22 18 01.3	-0.1
U33A	Lingo Farm, Me	23.14	346	P	P	22 18 01.5	-1.2
T37A	Cheneyville 18	23.23	353	P	P	22 18 02.5	-1.0
V30A	Spur Ranch, Mi	23.25	340	P	P	22 18 02.6	-1.1
T35A	Sooner Cattle	23.27	349	P	P	22 18 02.4	-1.5
T36A	Boggs Farm, Ca	23.31	351	P	P	22 18 03.4	-0.9
U32A	Winter Ranch,	23.32	344	P	P	22 18 03.6	-0.7
W28A	Vega	23.33	337	P	P	22 18 03.3	-1.3
TZTN	Tazewell	23.45	16	eP	P	22 18 06.2	+0.7
T34A	McClaskey Farm	23.50	344	P	P	22 18 05.0	-1.1
U31A	Nine Bar Ranch	23.55	342	P	P	22 18 05.7	-0.8
V29A	Stinnett	23.63	339	P	P	22 18 06.6	-0.7
SIUC	Southern Illin	23.66	4	eP	P	22 18 07.3	-0.1
V28A	Channing	23.78	337	P	P	22 18 08.0	-0.7
T33A	Patterson Ranc	23.79	346	P	P	22 18 08.0	-0.7
121A	Cookes Peak, D	23.82	323	P	P	22 18 09.4	+0.2
121A	Cookes Peak, D	23.82	323	eP	P	22 18 11.6	+2.4
S37A	Fort Scott	23.85	353	P	P	22 18 08.1	-1.1
S36A	Lake Cedric, C	23.91	351	P	P	22 18 08.7	-1.0
U30A	WK&E Inc. Balk	23.94	341	P	P	22 18 09.6	-0.4
S35A	Otter Creek Ra	23.98	350	P	P	22 18 09.5	-0.9
V27A	Dan Oppiter Fa	24.02	336	P	P	22 18 10.8	0.0
US9A	University of	24.05	7	eP	P	22 18 12.2	+1.3
US1A	Oasis Ranch, S	24.07	340	P	P	22 18 11.3	+0.1
S34A	Willow Spring	24.15	349	P	P	22 18 11.0	-0.9
S33A	Kasznau Farm,	24.23	347	P	P	22 18 12.1	-0.5
U28A	Mallet	24.34	338	P	P	22 18 13.3	-0.4
T30A	Plains	24.38	342	P	P	22 18 13.8	-0.3
R37A	Teagarden Farm	24.39	353	P	P	22 18 13.6	-0.5
SJG	San Juan	24.43	77	LR	LR	22 28 14.6	
R36A	Gordon, Harris	24.49	352	P	P	22 18 14.6	-0.4
Y22D	IRIS PASSCAL I	24.50	327	P	P	22 18 16.4	+1.1
SLM	Saint Louis	24.52	2	eP	P	22 18 15.7	+0.4
SLM	comp=Z,68nm,0.7s						
SLM	Saint Louis	24.52	2	eP	P	22 18 15.7	+0.4

LPM	Los Pinos Moun	24.53	328	eP	P	22 18 17.5	+1.9
S32A	Newby Ranch, P	24.55	345	P	P	22 18 14.9	-0.6
ATAH	Atahualpa	24.59	148	P	P	22 18 17.9	+1.4
R35A	Emporia Municip	24.59	351	P	P	22 18 15.4	-0.5
U27A	Thompson Grove	24.59	337	P	P	22 18 16.1	0.0
LENM	Lemitar	24.60	327	eP	P	22 18 18.6	+2.4
S31A	Mullie	24.61	341	P	P	22 18 16.2	0.0
T29A	Hugoton	24.72	344	P	P	22 18 16.8	-0.4
R34A	Isabella, Hill	24.75	349	P	P	22 18 17.0	-0.4
OLIL	Olney	24.76	6	eP	P	22 18 19.1	+1.7
S30A	Montezuma	24.91	342	P	P	22 18 19.3	+0.4
R33A	Olander Ranch,	24.91	347	P	P	22 18 19.2	+0.4
Q37A	Longview Farm,	24.91	354	P	P	22 18 18.7	-0.1
ANMO	Albuquerque	24.95	329	P	P	22 18 21.4	+1.9
ANMO	Albuquerque	24.95	329	eP	P	22 18 21.0	+1.6
ANMO	comp=Z,188nm,2.5s						
ANMO	Albuquerque	24.95	329	eP	P	22 18 21.0	+1.6
T28A	Walsh	24.96	339	P	P	22 18 18.9	-0.5
BLA	Blacksburg	25.02	21	eP	P	22 18 19.6	-0.2
BLA	comp=Z,304nm,1.4s						
B29A	Blacksburg	25.02	21	eP	P	22 18 19.6	-0.2
S39A	Ulysses	25.09	341	P	P	22 18 21.1	+0.6
Q35A	Mercer Eighty,	25.09	351	P	P	22 18 20.8	+0.3
Q36A	Arnold C. Orve	25.11	352	P	P	22 18 21.2	+0.6
T27A	Campo	25.12	338	P	P	22 18 20.6	-0.3
R32A	Long Quarter,	25.18	346	P	P	22 18 21.3	0.0
R31A	Burdett	25.25	345	P	P	22 18 21.9	-0.1
Q34A	Chapman	25.30	350	P	P	22 18 22.0	-0.4
S28A	Manter	25.31	340	P	P	22 18 22.0	-0.6
BLO	Bloomington	25.39	9	eP	P	22 18 24.4	+1.3
BLO	comp=Z,75nm,1.0s						
BLO	Bloomington	25.39	9	eP	P	22 18 24.4	+1.3
KSU1	Kansas State U	25.42	350	P	P	22 18 23.4	0.0
KSU1	Kansas State U	25.42	350	eP	P	22 18 23.0	-0.1
R30A	Dighton	25.45	343	P	P	22 18 23.9	+0.1
Q33A	Cornelly Farm,	25.54	348	P	P	22 18 24.3	-0.2
T26A	Comanche Natio	25.55	337	P	P	22 18 24.1	-0.8
STV1	Saint Thomas	25.59	77	eP	P	22 18 21.4	-3.7
Q32A	Meitler Ranch,	25.69	347	P	P	22 18 25.2	-0.7
P36A	Good Intent, A	25.73	353	P	P	22 18 25.4	-0.9
S27A	Las Animas	25.74	338	P	P	22 18 25.9	-0.6
P35A	Duane Minner,	25.75	351	P	P	22 18 26.1	-0.3
CBKS	Cedar Bluff	25.80	345	P	P	22 18 26.6	-0.3
R29A	Marienthal	25.83	342	P	P	22 18 27.5	+0.2
T25A	Trinidad	25.84	335	P	P	22 18 26.8	-0.7
P34A	Walnut Farm, R	25.89	350	P	P	22 18 27.3	-0.4
S26A	Kim	25.89	337	P	P	22 18 28.3	+0.3
Q31A	Ellis	25.90	345	P	P	22 18 28.2	+0.4
P33A	Williams Farm,	25.94	349	P	P	22 18 28.8	+0.6
R28A	Tribune	25.96	341	P	P	22 18 28.6	+0.1
Q30A	Quinter	26.09	344	P	P	22 18 29.6	0.0
Q36A	Bolkow	26.21	354	P	P	22 18 30.1	-0.5
Q29A	Oakley	26.22	343	P	P	22 18 30.7	0.0
R27A	Eads	26.24	339	P	P	22 18 32.4	+1.4
P32A	Huittig Farm,	26.30	347	P	P	22 18 31.2	-0.2
P31A	Stockton	26.38	346	P	P	22 18 31.9	-0.3
JSRW	J. Sargeant Re	26.39	24	eP	P	22 18 32.5	+0.3
Q35A	Humboldt	26.45	352	P	P	22 18 32.9	+0.1
HDIL	Hopedale	26.48	3	P	P	22 18 33.5	+0.6
R26A	Arlington	26.49	338	P	P	22 18 34.1	+0.8
Q34A	Beatrice	26.49	351	P	P	22 18 33.8	+0.8
SFIN	Scholer Farm	26.50	7	P	P	22 18 34.4	+1.3
SFIN	Scholer Farm	26.50	7	eP	P	22 18 33.8	+0.7
Q33A	Helton	26.54	349	P	P	22 18 34.5	+1.0
214A	Organ Pipe Nat	26.61	316	P	P	22 18 34.0	-0.3
P30A	Seln	26.62	344	P	P	22 18 34.8	+0.4
Q28A	Sharon Springs	26.63	341	P	P	22 18 34.8	+0.3
SDCO	Great Sand Dun	26.81	334	P	P	22 18 37.2	+0.9
SDCO	Great Sand Dun	26.81	334	eP	P	22 18 33.1	-3.2
W18A	Petrified Fore	26.81	325	P	P	22 18 37.4	+1.1
W18A	Petrified Fore	26.81	325	eP	P	22 18 39.0	+2.7
KSCO	Keye Shedlock	26.84	340	P	P	22 18 36.6	+0.2
Q32A	Brockman Farm,	26.85	348	P	P	22 18 36.6	+0.3
P29A	Atwood	26.86	343	P	P	22 18 37.2	+0.7
O31A	Woven Ranch,	26.97	346	P	P	22 18 36.9	-0.6
N35A	Tabor	27.00	353	P	P	22 18 38.0	+0.3
Q26A	Hugo	27.07	339	P	P	22 18 38.9	+0.4
P28A	Saint Francis	27.08	342	P	P	22 18 38.8	+0.3
ACSO	Alum Creek Sta	27.09	14	eP	P	22 18 38.4	-0.1
N34A	Lincoln	27.10	351	P	P	22 18 37.9	-0.7
O30A	MW Ranch, Wils	27.17	345	P	P	22 18 40.1	+0.8
O29A	Red Ranch, Culb	27.32	344	P	P	22 18 41.4	+0.8
P27A	Ficken Ranch,	27.32	341	P	P	22 18 40.9	+0.2
N32A	Stulken Farm,	27.34	348	P	P	22 18 40.6	-0.1
S22A	4UR Ranch, Cre	27.39	3				

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like SPMM St. Paul, RRX Edison Barstow, J25A Sunshine Ranch, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like FWXY Fox Creek, H19A Powell, D27A Centacio, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like F04D Rainier, D05A Enunclaw, SIV San Jacinto, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PVRL, PCVE, MTE, PBDV, PESTR, etc.

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

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KMBO, LZH, LZH, LZH, LZH, etc.

ISCJ 19 22:19:15.3:0.5, 11°17N:95°12E, h0km, mb4.5/27, mb1.4/6/29, mb1mx4.5/34, mbtp4.5/29, ML4.1/2, MS3.8/7, Ms1.3/9.7, ms1mx3.5/42, Error ellipse: s-maj=17.6km s-min=10.6km az=58.0

Table with columns for city names (e.g., KRAB, SRDT, TRTT), coordinates, and status indicators (P, Pn, S, etc.).

Table with columns for city names (e.g., GYA, GYA, GYA), coordinates, and status indicators (P, Pn, S, etc.).

Table with columns for city names (e.g., HHC, WMQ, WMQ), coordinates, and status indicators (P, Pn, S, etc.).

IDC 19 22:36:06.21.2, 63.62N, 150.08W, h103km, 12km, mb3.6/1.1, mb1.3.7/15, mb1mx3.5/29, mbtmp3.9/15, MS4.4/3, Ms1.4/4.3, ms1mx3.4/36, Error ellipse: s-maj=16.5km s-min=10.7km az=113.0

IS/CJB 19 22:36:07.3.0.2, 63.66N, 149.02E, 149.58W, 0.05, h131km, 2km, mb3.7/11, Error ellipse: s-maj=3.8km s-min=3.0km az=20.4

NEIC 19 22:36:08.8, 63.66N, 149.57W, h124km, MG3.7(AE/C), After AEIC

ISC 19 22:36:08.5.0.7, 63.66N, 149.03E, 149.62W, 0.04, h1124km, 5km, n111, 0.073/12, mb3.9/11, Central Alaska

Table with columns: Code, Station Name, Az, Az2, Op, Phase, ID, Time, Res, ISC. Lists various seismic stations and their recorded data.

comp=Z, 197nm, 21.0s, baz=332, slow=39 GERES GERES Array B 67.07 12 P 22 46 48.0 0.0

IDC 19 22:38:32.4.3.9, 6.00S, 149.99E, h0km, mb3.6/2, mb1.4/0.2, mb1mx3.4/4.0, mbtmp3.7/2, MS3.8/1, Ms1.3/7.1, ms1mx2.8/32, Error ellipse: s-maj=142.0km s-min=49.3km az=116.0, New Britain region

WRA Warramunga Arr 20.58 226 P 22 43 14.1 +1.0 ASAR Alice Springs 23.41 220 P 22 43 42.2 -1.1 STKA Stephens Creek 26.92 196 LR 22 54 17.5

ISC/JB 19 22:42:17.3.0.8, 18.69N, 0.02E, 146.45E, 0.03, h40km, 6km, mb4.9/163, MS4.5/37, Error ellipse: s-maj=4.6km s-min=4.0km az=2.8

GCMT 19 22:42:21.5.0.2, 18.70N, 146.84E, h42km, MW5.2/82, Moment Tensor Solution, Mw=8.99, 82 c128. Duration: 18.0 Moment tensor: Scale 10^17Nm; Mw=0.71; 0.2; Mw=0.07; 0.2; Mw=0.77; 0.2; Mw=0.13; 0.1; Mw=0.05; 0.1; Mw=0.35; 0.2. Best double couple. Mo=837000.1017

GUMO Guam 5.29 198 P 22 43 37.8 +1.2 GUM0 20m, 0.3s, baz=342, slow=2.9 SNR=2.9

GUM0 Guam 5.29 198 ePn Pn 22 43 37.8 +1.2 GUM0 20m, 0.3s, baz=342, slow=2.9 SNR=2.9

GUM0 Guam 5.29 198 ePn Pn 22 43 37.8 +1.2 GUM0 20m, 0.3s, baz=342, slow=2.9 SNR=2.9

GUM0 Guam 5.29 198 ePn Pn 22 43 37.8 +1.2 GUM0 20m, 0.3s, baz=342, slow=2.9 SNR=2.9

GUM0 Guam 5.29 198 ePn Pn 22 43 37.8 +1.2 GUM0 20m, 0.3s, baz=342, slow=2.9 SNR=2.9

GUM0 Guam 5.29 198 ePn Pn 22 43 37.8 +1.2 GUM0 20m, 0.3s, baz=342, slow=2.9 SNR=2.9

GUM0 Guam 5.29 198 ePn Pn 22 43 37.8 +1.2 GUM0 20m, 0.3s, baz=342, slow=2.9 SNR=2.9

GUM0 Guam 5.29 198 ePn Pn 22 43 37.8 +1.2 GUM0 20m, 0.3s, baz=342, slow=2.9 SNR=2.9

KSR5 comp=Z, 1.4nm, 0.8s, baz=48, slow=1.9, SNR=4.0 P 22 54 46.6 +0.3

KSR5 comp=Z, 1.3nm, 0.7s, baz=143, slow=4.3, SNR=5.5 P 22 56 51.3

KSR5 comp=Z, 2.1m, 21.6s, baz=141, slow=35 P 22 47 36.1 -0.7

KSR5 comp=Z, 8.0nm, 0.6s pmax pmax KSR5 comp=Z, 1.0nm, 0.8s pmax pmax

KSR5 comp=N, 1.0nm, 0.7s MLR MLR KSR5 comp=Z, 2.1m, 21.7s P 22 47 36.1 -0.9

KSR5 comp=Z, 2.1m, 21.7s P 22 47 36.1 -0.9 KSR5 comp=Z, 2.1m, 21.7s P 22 47 36.1 -0.9

KSR5 comp=Z, 2.1m, 21.7s P 22 47 36.1 -0.9 KSR5 comp=Z, 2.1m, 21.7s P 22 47 36.1 -0.9

KSR5 comp=Z, 2.1m, 21.7s P 22 47 36.1 -0.9 KSR5 comp=Z, 2.1m, 21.7s P 22 47 36.1 -0.9

KSR5 comp=Z, 2.1m, 21.7s P 22 47 36.1 -0.9 KSR5 comp=Z, 2.1m, 21.7s P 22 47 36.1 -0.9

KSR5 comp=Z, 2.1m, 21.7s P 22 47 36.1 -0.9 KSR5 comp=Z, 2.1m, 21.7s P 22 47 36.1 -0.9

KSR5 comp=Z, 2.1m, 21.7s P 22 47 36.1 -0.9 KSR5 comp=Z, 2.1m, 21.7s P 22 47 36.1 -0.9

KSR5 comp=Z, 2.1m, 21.7s P 22 47 36.1 -0.9 KSR5 comp=Z, 2.1m, 21.7s P 22 47 36.1 -0.9

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BMRM, BPAW, TNA, ILAR, INK, etc.

NIED 19 23:18:00, 27.50N, 129.50E, h35km, Mw4.1 Best double couple...

ISC 19 23:18:45.5-1.1, 27.50N, 129.60E, h0km, mb3.7/1.1, mb1 3.9/1.3, mb1mx3.8/2.6, mbtmp3.7/1.3, ML3.9/2, Error ellipse: s-maj=27.0km s-min=16.9km az=99.0

JMA 19 23:18:49.6-0.2, 27.52N, 129.55E, h47km, M3.5

ISC 19 23:18:48.0-0.7, 27.47N, 129.64E, 0.05, h21km, 4km, n30, c0.65/35, mb3.7/1.1, Ryukyu Islands

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

GUC 19 23:24:02.1-0.3, 35.91S, 73.55W, h39km, 1km, ML4.0, 1C-2D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like COCH, CCSP, U14B, etc.

ISC 19 23:55:54.6-0.5, 28.1S, 0.1:63.2E, 0.1, h10km, mb4.0/1.6, MS3.5/2, Error ellipse: s-maj=16.2km s-min=12.0km az=25.1

ISC 19 23:55:54.7-0.6, 28.05S, 63.12E, h0km, mb4.0/1.5, mb1 4.1/1.5, mb1mx4.0/2.8, mbtmp4.0/1.5, MS3.5/2, MS1 3.4/2, ms1mx2.9/3.3, Error ellipse: s-maj=19.8km s-min=17.2km az=36.0

NEIC 19 23:55:56.5-0.3, 28.07S, 63.18E, h10km, mb4.5/2, Error ellipse: s-maj=19.2km s-min=16.2km az=25.0

ISC 19 23:55:56.4-0.6, 28.1S, 0.1:63.1E, 0.1, h10km, n23, c0.51/20, mb4.1/1.6, Southwest Indian Ridge

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like H01W2, H01W3, H01W1, etc.

ISC 19 23:58:41.4-2.2, 6.94S, 151.13E, h0km, mb3.4/1.1, mb1 3.7/1.5, mb1mx3.5/2.0, mbtmp3.5/1.5, ML1.4/1.1, Error ellipse: s-maj=120.6km s-min=25.6km az=135.0, New Britain region

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

WEL 20 00:14:46.4-0.4, 46.46S, 165.89E, h12km, ML3.8/1.0, 2C-2D, Error ellipse: s-maj=4.1km s-min=1.7km az=90.0, Off west coast of South Island

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

BUI 20 00:25:33.9, 1.77N, 128.71E, h189km, mb4.5/1.1, mb4.6/4

ISC 20 00:25:41.6, 0.3:2.52N, 0.03:128.34E, 0.05, h200km, n78, c1504/81, mb4.3/3.0, Halmahera

NEIC 20 00:25:42.4-0.7, 2.52N, 128.41E, h196km, 7km, mb4.5/1.5, Error ellipse: s-maj=5.4km s-min=5.4km az=61.1

ISC 20 00:25:42.6, 1.4:2.52N, 128.41E, h197km, 13km, mb4.0/1.7, mb1 4.1/2.0, mb1mx3.9/3.5, mbtmp4.5/2.0, Error ellipse: s-maj=17.5km s-min=8.4km az=73.0

DJA 20 00:25:45.2-0.6, 2.6N, 127.8E, h147km, 7km, M4.5/1.2, mb4.7/1.2, mb5.0/9, MLV4.6/8, Mw(mb)4.4/9

ISC 20 00:25:43.0-0.4, 2.46N, 106.128:25E, 0.07, h200km, n78, c1504/81, mb4.3/3.0, Halmahera

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

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

ISC 20 00:50:45.2-0.6, 12.9N, 0.1:143.2E, 0.1, h150km, n14, South Pole Qui

ISC 20 00:50:47.8, 1.3, 12.97N, 143.43E, h180km, 13km, mb3.6/1.3, mb1 3.8/1.3, mb1mx3.6/3.7, mbtmp4.1/1.3, Error ellipse: s-maj=21.0km s-min=12.3km az=82.0

ISC 20 00:50:45.2-0.6, 12.9N, 0.1:143.2E, 0.1, h150km, n14, South Pole Qui

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

ISC 20 00:50:45.2-0.6, 12.9N, 0.1:143.2E, 0.1, h150km, n14, South Pole Qui

ISC 20 00:50:47.8, 1.3, 12.97N, 143.43E, h180km, 13km, mb3.6/1.3, mb1 3.8/1.3, mb1mx3.6/3.7, mbtmp4.1/1.3, Error ellipse: s-maj=21.0km s-min=12.3km az=82.0

ISC 20 00:50:45.2-0.6, 12.9N, 0.1:143.2E, 0.1, h150km, n14, South Pole Qui

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

20d 1h

0.5mm, 0.6s, baz=252, slow=6.8, SNR=4.5
FINES FINES Array B 91.06 335 P
1.8nm, 0.6s, baz=82, slow=4.8, SNR=20

ISCJB 20:00:58.52 9.0 5.50'29N, 0'03.18'70E, 0.02, h0km, Error
ellipse: s-maj=4.1km, s-min=2.2km, az=9.8
IPEC 20:00:58.54 4.0 2.0'25N, 18'77E, h4km, 1km, ML1 7/4,
Error ellipse: s-maj=2.4km, s-min=1.1km, az=167.0
CSEM 20:00:58.54 3.0 8.0'53N, 18'63E, h2km, ML2 6/8, Error
ellipse: s-maj=1.1km, s-min=0.9km, az=52.0
PRU 20:00:58.55 1.5 0'29N, 18'70E, h0km
Error ellipse: s-maj=4.6km, s-min=3.2km, az=78.0,
Suspected Mining induced.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists various stations like CHZP, OKC, OJC, MORC, LANS, etc.

DDA 20:00:58:59.2, 39'01N, 25'90E, h7km, MD3.1
ISK 20:00:59:00.4, 38'93N, 25'93E, h6km, MD3.2
ISCJB 20:00:59:00.4, 0.5, 38'95N, 0'01:25'93E, 0.02, h4km, 3km,
Error ellipse: s-maj=3.3km, s-min=2.5km, az=174.4
CSEM 20:00:59:00.7, 0.1, 38'93N, 25'92E, h5km, MD3.0, Error
ellipse: s-maj=2.9km, s-min=2.4km, az=78.0
THE 20:00:59:00.4, 38'94N, 25'98E, h0km, ML2 6/10, Error
ellipse: s-maj=0.8km, s-min=0.3km, az=69.0
ATH 20:00:59:00.0, 38'96N, 25'98E, h25km, MD3.0/12
ISC 20:00:59:00.8, 1.0, 38'94N, 0'01:25'94E, 0.02, h9km, 8km,
n101, 0.070/148, Aegean Sea

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

2010 AUG

Table with columns: SMG, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like Samos, Akhisar, Karystos, etc.

IDC 20:01:09:52.4, 3.5, 60'21S, 25'78W, h0km, mb3.8/3,
mb1 4.0/3, mb1mx3.7/21, mtbtp3.8/3, Error ellipse:
s-maj=109.0km, s-min=42.9km, az=179.0
AWI 20:01:10:09.9, 62'24S, 25'30W
ISC 20:01:09:50.5, 1.0, 61.0S, 0'22:25'7W, 0.3, h10km, n10,
0.19477, mb3.8/3, South Sandwich Islands region

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

ISCJB 20:01:12:02.3, 0.7, 18'73N, 0'02:146'40E, 0.04, h45km, 6km,
mb4.8/120, MS3, 9/27, Error ellipse: s-maj=5.7km,
s-min=4.0km, az=3.1
MOS 20:01:12:03.0, 0.9, 18'65N, 146'37E, h57km, mb5.1/33, Error
ellipse: s-maj=10.7km, s-min=5.4km, az=103.0
BUJ 20:01:12:04.6, 18'70N, 146'34E, h65km, mb4.8/43, mb4.9/31,
Ms4.4/30, Ms7.4/0/30
IDC 20:01:12:05.3, 1.5, 18'65N, 146'48E, h64km, 12km, mb4.4/34,
mb1 4.5/37, mb1mx4.4/47, mtbtp4.7/37, MS3.8/28,
Ms1 3.8/28, ms1mx3.8/35, Error ellipse: s-maj=14.7km,
s-min=7.9km, az=94.0
NEIC 20:01:12:05.8, 0.8, 18'65N, 146'41E, h67km, 7km, mb4.8/59,
Error ellipse: s-maj=5.5km, s-min=3.2km, az=98.0
ISC 20:01:12:05.1, 0.4, 18'70N, 0'03:146'43E, 0.05, h60km, 2km,
h60km, pp-P, n269, 0.129/316, mb4.8/123, 12C-8D,
Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like GUMO, WHN, MJI, etc.

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Table with columns: GUMO, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like Chichi jima, Chichijima, Kwagami, etc.

AGMN	Agassiz Nation	50.67	59	P	P	03 01 28.5 -0.3
AGMN	Agassiz Nation	50.67	59	eP	P	03 01 28.4 -0.3
M26A	McRoberts Ranch	50.69	70	P	P	03 01 29.1 0.0
W18A	Petrified Fore	50.72	81	P	P	03 01 30.0 +0.5
W18A	Petrified Fore	50.72	81	eP	P	03 01 31.2 +1.6
G30A	Faulkton	50.76	64	P	P	03 01 28.6 -0.9
I29A	Vivian Onida	50.77	66	P	P	03 01 29.1 -0.5
S22A	4UR Ranch, Cre	50.81	76	P	P	03 01 30.5 +0.2
214A	Organ Pipe Nat	50.90	86	P	P	03 01 31.0 +0.2
214A	Organ Pipe Nat	50.90	86	eP	P	03 01 31.3 +0.5
K28A	Ten Mile Ranch	50.96	68	P	P	03 01 31.4 +0.2
E32A	Bratten, Kindr	51.03	61	P	P	03 01 30.7 -0.8
N26A	Koester Ranch,	51.03	71	P	P	03 01 31.8 0.0
Q24A	Divide	51.05	74	P	P	03 01 32.2 0.0
M27A	Reverse DX Ran	51.09	69	P	P	03 01 32.7 +0.5
J29A	Okreek	51.13	66	P	P	03 01 32.6 +0.3
I30A	Oacoma	51.34	65	P	P	03 01 33.8 -0.1
O26A	Horse Wrangler	51.35	71	P	P	03 01 34.8 +0.6
N27A	Anderson Farm,	51.45	70	P	P	03 01 35.3 +0.4
K29A	Lazy Trails An	51.53	67	P	P	03 01 35.8 +0.4
DAG	Danmarks Havn	51.58	6	i P	P	03 01 35.1 -0.1
DAG	Danmarks Havn	51.58	6	i P	P	03 01 35.1 -0.1
SDCO	Great Sand Dun	51.62	75	P	P	03 01 37.1 +0.7
SDCO	Great Sand Dun	51.62	75	eP	P	03 01 37.5 +1.1
J30A	Dallas	51.66	66	P	P	03 01 36.3 0.0
OGNE	Ogallala	51.66	70	P	P	03 01 36.5 0.0
OGNE	Ogallala	51.66	70	eP	P	03 01 37.8 +1.3
P26A	Davis Ranch, A	51.76	72	P	P	03 01 37.9 +0.6
M28A	Bar X Bar Ranch	51.77	69	P	P	03 01 37.5 +0.3
L29A	Maesberg Ranch	51.88	68	P	P	03 01 38.1 +0.1
O27A	Beecher Island	51.88	71	P	P	03 01 38.2 +0.2
K30A	Basset	51.99	67	P	P	03 01 38.8 0.0
Q26A	Hugo	52.06	73	P	P	03 01 40.2 +0.7
J31A	Geddes	52.11	66	P	P	03 01 39.2 -0.5
N28A	Pribbeno Ranch	52.12	70	P	P	03 01 40.1 +0.3
M29A	Burnside Ranch	52.14	68	P	P	03 01 40.4 +0.4
P27A	Ficken Ranch,	52.22	71	P	P	03 01 41.2 +0.5
O28A	Krutsinger Ran	52.34	70	P	P	03 01 41.7 +0.3
H33A	Prehn Over Nor	52.38	63	P	P	03 01 40.7 -0.9
R26A	Arlington	52.50	73	P	P	03 01 42.8 +0.1
K30C	Kaye Shedlock	52.54	72	P	P	03 01 43.8 +0.8
K30C	Kaye Shedlock	52.54	72	eP	P	03 01 44.3 +1.2
M30A	Dale-Oriello V	52.56	68	P	P	03 01 43.1 0.0
N29A	Votaw Ranch, W	52.57	69	P	P	03 01 43.3 +0.2
T25A	Trinidad	52.67	75	P	P	03 01 44.9 +0.8
P28A	Saint Francis	52.70	71	P	P	03 01 44.7 +0.6
L31A	Butterfield Fa	52.75	67	P	P	03 01 43.7 -0.7
LAZ	Ladron	52.80	79	eP	P	03 01 46.2 +1.1
ANMO	Albuquerque	52.86	78	i P	P	03 01 46.0 +0.5
ANMO	Albuquerque	52.86	78	eP	P	03 01 46.2 +0.8
R27A	Eads	52.90	73	P	P	03 01 45.8 +0.1
O29A	4D Ranch, Culb	52.91	70	P	P	03 01 46.0 +0.3
H34A	Spellman Lake,	52.93	62	P	P	03 01 44.7 -0.9
S26A	Kim	52.93	74	P	P	03 01 45.9 0.0
K32A	Verdige	52.95	66	P	P	03 01 45.5 -0.4
Q28A	Sharon Springs	52.98	72	P	P	03 01 46.3 +0.1
ECSD	EROS Data Cent	53.04	64	P	P	03 01 44.9 -1.6
ECSD	EROS Data Cent	53.04	64	eP	P	03 01 47.4 -1.2
T26A	Comanche Natio	53.14	74	P	P	03 01 47.4 -0.2
P29A	Atwood	53.17	70	P	P	03 01 47.4 -0.2
LPM	Los Pinos Moum	53.17	79	eP	P	03 01 48.8 +1.0
M31A	Lambtech Ranch	53.20	68	P	P	03 01 47.3 -0.5
EYMN	Ely	53.21	57	P	P	03 01 47.4 -0.3
EYMN	Ely	53.21	57	eP	P	03 01 47.6 -0.1
S27A	Las Animas	53.23	73	P	P	03 01 48.1 0.0
O30A	MW Ranch, Wils	53.31	69	P	P	03 01 48.9 +0.3
SUMG	Summit	53.34	14	i P	P	03 01 48.9 +0.2
SUMG	Summit	53.34	14	eP	P	03 01 48.5 -0.2
SUMG	Summit	53.34	14	eP	P	03 01 48.5 -0.2
L32A	Elgin	53.34	66	P	P	03 01 48.5 -0.2
R28A	Tribune	53.46	72	P	P	03 01 49.7 0.0
N31A	Bailey Ranch,	53.55	68	P	P	03 01 50.3 +0.1
SSLB	Suanguang	53.56	263	eP	P	03 01 50.8 -0.2
Q29A	Oakley	53.60	71	P	P	03 01 50.6 -0.1
P30A	Selden	53.61	70	P	P	03 01 50.9 +0.1
YULB	Yu-li	53.63	262	eP	P	03 01 52.2 +1.1
BGNE	Belgrade	53.64	67	P	P	03 01 50.9 -0.1
BGNE	Belgrade	53.64	67	eP	P	03 01 51.8 +0.9
121A	Cookes Peak, D	53.65	82	P	P	03 01 51.7 +0.4
121A	Cookes Peak, D	53.65	82	eP	P	03 01 51.1 -0.2
J34A	George	53.70	64	P	P	03 01 50.8 -0.5
O31A	Woolen Ranch,	53.76	69	P	P	03 01 51.7 -0.2
R29A	Marienthal	53.81	72	P	P	03 01 52.1 -0.1

I35A	Creekview Farm	53.88	63	P	P	03 01 52.0 -0.7
S28A	Manter	53.90	73	P	P	03 01 53.2 +0.2
XAN	Xi'an	53.94	281	P	P	03 01 52.9 -0.3
XAN	Xi'an	53.94	281	pP	pP	03 02 08.6 +1.5
XAN	comp-Z,24nm,1.1s			PMZ		
XAN	comp-Z,92nm,6.4s			LN		
XAN	comp-Z,170nm,16.5s			LE		
XAN	comp-Z,310nm,16.7s			LZ		
Q30A	Quinter	53.99	71	P	P	03 01 53.9 +0.3
K34A	Le Mars	54.00	65	P	P	03 01 53.0 -0.5
J35A	Milford	54.07	63	P	P	03 01 53.5 -0.5
T28A	Walsh	54.07	74	P	P	03 01 54.1 -0.1
M33A	Taylor Creek F	54.08	66	P	P	03 01 53.6 -0.6
U27A	Thompson Grove	54.10	75	P	P	03 01 54.8 +0.2
P31A	Stockton	54.14	70	P	P	03 01 54.6 0.0
SPMN	St. Paul	54.22	60	P	P	03 01 54.6 -0.4
SPMN	St. Paul	54.22	60	eP	P	03 01 55.1 +0.1
ZALV	Zalesovo Beam	54.29	314	P	P	03 01 54.7 -0.8
ZALV	comp-Z,1.6nm,0.4s,baz=53,slow=5.6,SNR=5.1			PcP	PcP	03 02 59.6 +0.6
ZALV	comp-Z,6.0nm,0.6s,baz=32,slow=3.7,SNR=11			LR	LR	03 26 11.9
L34A	Svensden Farm,	54.30	65	P	P	03 01 55.0 -0.7
S29A	Ulysses	54.34	72	P	P	03 01 55.3 +0.1
CBKS	Cedar Bluff	54.38	70	eP	P	03 01 57.3 +0.8
CBKS	Cedar Bluff	54.38	70	P	P	03 01 56.7 +0.2
CBKS	Cedar Bluff	54.38	70	eP	P	03 01 57.2 +0.8
R30A	Dighton	54.41	71	P	P	03 01 56.9 +0.2
NVS	Novosibirsk	54.43	315	eP	P	03 01 57.7 +1.3
Q31A	Ellis	54.46	70	P	P	03 01 57.2 +0.2
K35A	Storm Lake	54.47	64	P	P	03 01 56.5 -0.4
N33A	J Bar K, Exete	54.47	67	P	P	03 01 56.3 -0.7
M34A	Aspy Farms, Fr	54.48	66	P	P	03 01 56.7 -0.3
U28A	Mallet	54.49	74	P	P	03 01 57.2 -0.1
P32A	Huiting Farm,	54.53	69	P	P	03 01 57.0 -0.4
V27A	Dan Oppiter Fa	54.53	75	P	P	03 01 57.6 -0.1
T29A	Hugoton	54.54	73	P	P	03 01 57.5 -0.1
S30A	Montezuma	54.72	72	P	P	03 01 58.9 0.0
O33A	Hebron	54.83	68	P	P	03 01 59.2 -0.4
R31A	Burdett	54.85	71	P	P	03 02 00.1 +0.3
V28A	Channing	54.91	75	P	P	03 02 00.3 -0.1
N34A	Lincoln	54.96	67	P	P	03 01 60.0 -0.6
Q32A	Mettler Ranch,	54.96	70	P	P	03 02 00.8 +0.2
M35A	Neola	55.01	65	P	P	03 02 00.9 0.0
U29A	Oasis Ranch, S	55.02	74	P	P	03 02 01.0 -0.1
T30A	Plains	55.07	73	P	P	03 02 01.5 0.0
P33A	Williams Farm,	55.18	69	P	P	03 02 02.0 -0.2
R32A	Long Quarter,	55.25	70	P	P	03 02 02.4 -0.2
W28A	Vega	55.25	75	P	P	03 02 02.6 -0.2
V29A	Stinnett	55.26	74	P	P	03 02 02.7 -0.1
O34A	Beatrice	55.27	67	P	P	03 02 02.4 -0.4
S31A	Mullinville	55.32	71	P	P	03 02 03.1 -0.1
U30A	WK&E Inc. Bank	55.34	73	P	P	03 02 03.6 +0.2
Q33A	Connelly Farm,	55.39	69	P	P	03 02 03.8 +0.1
N35A	Tabor	55.44	66	P	P	03 02 04.0 +0.1
T31A	Randall Ranch,	55.55	72	P	P	03 02 04.8 -0.1
S32A	Newby Ranch, P	55.59	71	P	P	03 02 04.5 -0.6
P34A	Walnut Farm, R	55.61	68	P	P	03 02 04.7 -0.5
SFJD	Kangerlussuaq	55.65	22	i P	P	03 03 03.7 -1.3
SFJD	Kangerlussuaq	55.65	22	i P	P	03 02 03.7 -1.3
LZH	comp-Z,7.0nm,0.4s	55.67	287	eP	P	03 02 06.6 +0.7
LZH	Lanzhou	55.67	287	pP	pP	03 02 20.3 +0.5
LZH	Lanzhou	55.67	287	sP	sP	03 02 27.0 +1.4
LZH	Lanzhou	55.67	287	eS	eS	03 09 44.5 -3.9
LZH	Lanzhou	55.67	287	sS	sS	03 10 11.3 -0.3
LZH	Lanzhou	55.67	287	SS	SS	03 13 28.6 -5.0
LZH	comp-Z,82nm,1.0s			PMZ		
LZH	comp-Z,390nm,4.0s			LN		
LZH	comp-Z,500nm,14.0s			LE		
LZH	comp-Z,310nm,13.5s			LZ		
O35A	Humboldt	55.67	67	P	P	03 02 04.7 -0.9
MNTX	Cornudas Mount	55.71	81	P	P	03 02 06.3 +0.2
MNTX	Cornudas Mount	55.71	81	eP	P	03 02 06.8 +0.8
R33A	Olander Ranch,	55.75	70	P	P	03 02 06.0 -0.2
X28A	Dimmitt	55.75	76	P	P	03 02 06.1 -0.3
MSTX	Muleshoe	55.77	77	P	P	03 02 06.4 -0.2
MSTX	Muleshoe	55.77	77	eP	P	03 02 06.4 -0.2
AMTX	Amarillo	55.82	75	eP	P	03 02 06.9 0.0
AMTX	Amarillo	55.82	75	eP	P	03 02 07.8 +0.9
V30A	Spur Ranch, Mi	55.83	74	P	P	03 02 07.1 +0.2
GTA	Gaotai	55.85	292	i P	P	03 02 07.5 +0.4
GTA	Gaotai	55.85	292	pP	pP	03 02 19.8 -1.2
GTA	Gaotai	55.85	292	sP	sP	03 02 25.4 -1.4
GTA	Gaotai	55.85	292	PP	PP	03 04 13.4 +1.7
GTA	Gaotai	55.85	292	sS	sS	03 09 44.8 -2.3
GTA	Gaotai	55.85	292	SS	SS	03 10 10.0 -4.0
GTA	Gaotai	55.85	292	PMZ	PMZ	03 13 36.9 +0.6
GTA	comp-Z,76nm,1.0s			PMZ		
GTA	comp-Z,330nm,5.2s			LN		
GTA	comp-Z,620nm,16.6s					

GTA	comp-Z,550nm,17.6s			LE		
GTA	comp-Z,820nm,18.5s			LZ		
U31A	Nine Bar Ranch	55.93	73	P	P	03 02 07.4 -0.2
Q34A	Chapman	55.96	69	P	P	03 02 07.7 0.0
KSU1	Kansas State U	56.03	68	P	P	03 02 07.8 -0.5
KSU1	Kansas State U	56.03	68	eP	P	03 02 08.6 +0.3
P35A	Duane Minner,	56.09	67	P	P	03 02 08.3 -0.4
X29A	Tulia	56.10	76	P	P	03 02 08.8 -0.2
Y28A	McKinney Farm,	56.13	77	P	P	03 02 08.8 -0.4
ENH	Enshi	56.15	278	eP	P	03 02 08.0 -1.2
R34A	Isabella, Hill	56.19	69	P	P	03 02 09.2 -0.2
S33A	Kaszmual Farm,	56.22	70	P	P	03 02 09.3 -0.3
W30A	Crocket Farms	56.29	74	P	P	03 02 09.9 -0.3

V36A	Jenks	58.66	71	P	P	03 02 26.6	-0.2
TUL1	Tulsa	58.66	70	P	P	03 02 26.0	-0.8
TUL1	Tulsa	58.66	70	eP	P	03 02 26.5	-0.2
231A	Bronte	58.66	77	P	P	03 02 26.4	-0.5
Z33A	Whitaker Ranch	58.68	75	P	P	03 02 27.0	+0.1
U37A	Salina	58.72	70	P	P	03 02 26.6	-0.6
529A	Stev Forest Ra	58.75	80	P	P	03 02 27.4	-0.2
Y34A	Reagan Ranch	58.82	73	P	P	03 02 28.4	+0.4
430A	Baggett Ranch	58.90	78	P	P	03 02 28.3	-0.3
W36A	Wetumka	58.93	71	P	P	03 02 28.8	+0.1
X35A	Drake	58.99	73	P	P	03 02 28.5	-0.6
331A	San Angelo	59.03	77	P	P	03 02 28.9	-0.6
133A	Hamilton Ranch	59.05	75	P	P	03 02 29.8	+0.2
V37A	Hulbert	59.06	70	P	P	03 02 28.8	-0.8
232A	Coleman	59.11	76	P	P	03 02 29.8	-0.2
U38A	Gravette	59.13	69	P	P	03 02 29.2	-0.8
Z34A	Collier Ranch	59.13	74	P	P	03 02 30.2	+0.1
HDIL	Hopedale	59.23	62	P	P	03 02 30.2	-0.5
HDIL	Hopedale	59.23	62	eP	P	03 02 30.7	0.0
X36A	Centrahoma	59.24	72	P	P	03 02 31.0	+0.1
CD2	Chengdu	59.25	282	P	P	03 02 30.1	-0.9
CD2				pP	pP	03 02 44.4	-0.6
CD2				sP	sP	03 02 50.6	-0.2
CD2				PP	PP	03 04 00.9	-1.1
CD2				S	S	03 10 33.4	-1.9
CD2				sS	sS	03 10 58.0	-0.8
CD2				SS	SS	03 14 29.3	-0.7
CD2	comp=Z,40nm,1.1s				PMZ		
CD2	comp=Z,160nm,6.9s				PMZ		
CD2	comp=Z,370nm,17.4s				LN		
CD2	comp=Z,550nm,17.4s				LZ		
530A	I-C Ranch, Com	59.28	79	P	P	03 02 31.5	+0.3
KURK	Kurchatov	59.28	314	P	P	03 02 29.9	-1.0
KURK	Kurchatov	59.28	314	P	P	03 03 19.1	
KURK	Kurchatov	59.28	314	P	P	03 02 29.9	-1.0
KURK	Kurchatov	59.28	314	P	P	03 03 19.1	+0.5
Y35A	Marietta	59.29	73	P	P	03 02 31.4	+0.2
431A	Sonora	59.36	78	P	P	03 02 31.4	-0.4
KURBB	Kurchatov Arra	59.39	314	P	P	03 02 29.9	-1.7
KURBB	Kurchatov	59.39	314	P	P	03 03 19.1	+0.1
332A	Millersview	59.40	77	P	P	03 02 31.6	-0.4
W37A	Quinton	59.41	71	P	P	03 02 32.3	+0.3
V38A	Canehill	59.51	70	P	P	03 02 32.1	-0.6
Z35A	Perchaven, San	59.56	74	P	P	03 02 32.7	-0.3
134A	White-Moore Ra	59.59	75	P	P	03 02 33.5	+0.2
WMQ	Urumqi	59.62	303	P	P	03 02 33.9	+0.5
WMQ				pP	pP	03 02 49.9	+2.5
WMQ				sP	sP	03 02 53.4	+0.2
WMQ				PcP	PcP	03 03 20.8	+0.7
WMQ				PP	PP	03 04 47.4	+2.4
WMQ				S	S	03 10 37.1	+2.7
WMQ				SS	SS	03 14 34.9	-0.3
WMQ	comp=Z,15nm,0.6s				PMZ		
WMQ	comp=Z,160nm,5.2s				LN		
WMQ	comp=Z,490nm,20.9s				LZ		
WMQ	comp=Z,500nm,21.6s				LE		
432A	Menard	59.72	77	P	P	03 02 33.9	-0.4
Y36A	Durant	59.75	73	P	P	03 02 34.6	+0.3
531A	Rocksprings	59.76	79	P	P	03 02 34.3	-0.2
X37A	Clayton	59.82	71	P	P	03 02 35.2	+0.4
333A	Richland Sprin	59.90	76	P	P	03 02 35.5	0.0
SCHO	Schefferville	59.92	38	P	P	03 02 34.8	-0.5
SCHO	Schefferville	59.92	38	P	P	03 03 23.6	
234A	Clairette	59.95	75	P	P	03 02 36.1	+0.3
Z38A	Poteau	59.99	70	P	P	03 02 35.8	-0.1
JCT	Junction City	59.99	78	eP	P	03 02 36.1	0.0
JCT	Junction City	59.99	78	P	P	03 02 35.6	-0.5
JCT	Junction City	59.99	78	eP	P	03 02 36.1	0.0
135A	Vickery Place	60.00	74	P	P	03 02 36.3	+0.2
X38A	Whitesboro	60.08	71	P	P	03 02 37.1	+0.5
Y37A	Hugo	60.09	72	P	P	03 02 36.9	+0.3
Z36A	Blue Ridge	60.09	73	P	P	03 02 36.5	-0.2
532A	Rocksprings	60.18	78	P	P	03 02 36.7	-0.7
433A	Art	60.24	77	P	P	03 02 37.3	-0.5
631A	Perdido Creek	60.27	79	P	P	03 02 37.3	-0.6
MK31	Makanchi Array	60.30	309	eP	P	03 02 36.0	-2.0
MK31	Makanchi Array	60.30	309	eP	P	03 02 36.1	-1.9
MKAR	Makanchi Array	60.30	309	P	P	03 02 36.1	-1.9
MKAR	Makanchi Array	60.30	309	P	P	03 02 36.1	-1.9
MKAR	Makanchi Array	60.30	309	eP	P	03 02 36.4	-1.6
MKAR	Makanchi Array	60.35	76	P	P	03 02 38.3	-0.3
WHTX	Lake Whitney	60.37	75	P	P	03 02 39.0	+0.4
WHTX	Lake Whitney	60.37	75	eP	P	03 02 39.1	+0.5
SFIN	Scholer Farm	60.57	61	P	P	03 02 39.6	-0.3
SFIN	Scholer Farm	60.57	61	eP	P	03 02 40.3	+0.4
GYA	Guiyang	60.59	276	P	P	03 02 41.4	+1.0
GYA				pP	pP	03 02 55.8	+1.4
GYA				sP	sP	03 03 01.3	+1.1
GYA				PP	PP	03 04 56.8	+2.7
GYA				S	S	03 07 21.0	-0.1
GYA				sS	sS	03 10 50.9	-1.9
GYA				SS	SS	03 11 15.6	-0.7
GYA					PMZ	03 14 50.0	-1.3

GYA	comp=Z,20nm,1.0s				PMZ		
GYA	comp=Z,130nm,5.4s				LN		
GYA	comp=Z,580nm,19.2s				LE		
GYA	comp=Z,2um,20.0s				LZ		
Z37A	Pogue Cattle C	60.63	73	P	P	03 02 40.3	-0.1
632A	Uvalde	60.69	79	P	P	03 02 40.6	-0.3
434A	Burnet	60.70	76	P	P	03 02 40.9	0.0
533A	Kerrville	60.75	78	P	P	03 02 41.2	-0.1
335A	Moody	60.88	75	P	P	03 02 42.1	0.0
MIAR	Mount Ida	60.91	70	eP	P	03 02 42.7	+0.4
MIAR	Mount Ida	60.91	70	P	P	03 02 42.4	+0.1
MIAR	Mount Ida	60.91	70	eP	P	03 02 42.7	+0.4
236A	Katherine and	60.92	74	P	P	03 02 42.6	+0.2
137A	Heron Place, G	60.97	73	P	P	03 02 42.8	+0.1
Z38A	Mt. Pleasant	60.98	72	P	P	03 02 42.8	+0.1
Y39A	Lockesburg	61.03	71	P	P	03 02 42.9	-0.1
AAM	Ann Arbor	61.09	58	eP	P	03 02 44.0	+0.6
AAM	Ann Arbor	61.09	58	eP	P	03 02 44.0	+0.6
633A	Saathoff Ranch	61.10	78	P	P	03 02 43.2	-0.4
732A	Lanham Ranch,	61.12	79	P	P	03 02 44.1	+0.3
534A	Blanco	61.12	77	P	P	03 02 43.7	-0.1
435B	Jarrett	61.14	76	P	P	03 02 44.1	+0.3
BVA0	Borovoye Array	61.14	320	iP	P	03 02 42.2	-1.3
BVA0	Borovoye Array	61.14	320	P	P	03 02 41.8	-1.7
BVAR	Borovoye Array	61.14	320	P	P	03 03 25.6	-0.4
BVAR	Borovoye Array	61.14	320	P	P	03 03 35.9	
OLIL	Olney	61.16	63	eP	P	03 02 40.1	+0.1
BRVK	Borovoye	61.16	320	P	P	03 02 42.1	-1.5
BRVK	Borovoye	61.16	320	P	P	03 02 43.6	0.0
BRVK	Borovoye	61.16	320	eP	P	03 02 43.2	-0.4
336A	Riesel	61.16	75	P	P	03 02 44.1	+0.1
PBMO	Poplar Bluff	61.19	66	eP	P	03 02 43.6	-0.5
SIUC	Southern ILLI	61.23	65	eP	P	03 02 44.1	-0.3
138A	Matatall Enter	61.33	73	P	P	03 02 45.3	+0.2
237A	Washetta, Mont	61.36	74	P	P	03 02 44.9	-0.4
H06N1	SOCORRO T-PHAS	61.40	95	T	T	04 09 36.7	
832A	Faith Ranch, C	61.44	80	P	P	03 02 45.8	-0.1
UALR	University of	61.48	69	eP	P	03 02 46.5	+0.4
H06E1	SOCORRO T-PHAS	61.50	95	T	T	04 09 38.4	
733A	Divot King Ran	61.55	79	P	P	03 02 47.0	+0.4
436A	Wall Ranch, Ga	61.63	75	P	P	03 02 47.4	+0.3
PARMO	Parma	61.66	66	eP	P	03 02 47.8	+0.5
535A	Dale	61.68	77	P	P	03 02 47.7	+0.2
BLO	Bloomington	61.73	62	eP	P	03 02 48.2	+0.5
BLO	Bloomington	61.73	62	eP	P	03 02 48.2	+0.5
BLO	Bloomington	61.73	62	eP	P	03 02 47.0	-0.8
833A	Chaparral WMA,	61.77	79	P	P	03 02 48.4	+0.3
238A	Jacksonville	61.77	73	P	P	03 02 48.1	0.0
337A	Centerville	61.79	74	P	P	03 02 48.5	+0.2
734A	La Parita Cree	61.91	78	P	P	03 02 49.3	+0.3
USIN	University of	61.94	64	eP	P	03 02 49.7	+0.5
GNAR	Gosnell	62.00	67	eP	P	03 02 49.3	-0.2
635A	Leesville	62.01	77	P	P	03 02 50.1	+0.3
PRGR	Permogore	62.10	338	eP	P	03 02 50.1	+0.3
239A	Gary	62.15	73	P	P	03 02 50.9	+0.2
GLAT	Glass	62.20	66	eP	P	03 02 51.9	+0.9
NATX	Nacogdoches	62.22	73	P	P	03 02 51.1	0.0
933A	Laredo	62.35	80	P	P	03 02 52.2	+0.2
636A	Smothers Creek	62.38	77	P	P	03 02 53.2	+1.0
UTMT	University of	62.40	66	eP	P	03 02 53.0	+0.8
HALT	Halls	62.43	66	eP	P	03 02 53.1	+0.7
736A	Circle Diamond	62.75	77	P	P	03 02 55.9	+1.2
934A	Benavides	62.82	79	P	P	03 02 55.9	+0.7
ARU	Arti	62.83	328	P	P	03 02 53.8	-1.0
ARU	Arti	62.83	328	P	P	03 02 54.1	-0.8
ARU	Arti	62.83	328	P	P	03 03 19.7	
ARU	Arti	62.83	328	P	P	03 05 09.5	
ARU	Arti	62.83	328	P	P	03 11 22.3	+2.3
ARU	Arti	62.83	328	P	P	03 15 28.5	+3.9
ARU	Arti	62.83	328	eP	P	03 02 54.0	-0.8
ACSO	Alum Creek Sta	62.91	59	eP	P	03 02 56.0	+0.4
340A	Bronson	62.92	73	P	P	03 02 55.8	0.0
034A	Hebbronville	63.11	80	P	P	03 02 57.8	+0.7
WVT	Waverly	63.14	65	eP	P	03 02 57.4	+0.2
WVT	Waverly	63.14	65	eP	P	03 02 57.4	+0.2
HNR	Honiar	63.30	204	LR	LR	03 26 42.0	
OXF	Oxford	63.38	67	eP	P	03 02 58.9	+0.1
OXF	Oxford	63.38	67	eP	P	03 02 58.9	+0.1
OXF	Oxford	63.38	67	eP	P	03 03 01.1	+1.1
738A	Farr-Stevens R	63.70	76	P	P	03 03 01.8	+0.9
MMNY	Mt. Morris Dam	63.77	54	eP	P	03 03 01.5	+0.2
035Z	Hargill	63.92	80	P	P	03 03 02.9	+0.5

KMI	Kunming	64.00	278	P	P	03 03 03.4	+0.1
KMI	Kunming	64.00	278	pP	pP	03 03 19.5	+2.1
KMI	Kun						

20d 2h

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Table with columns: Station, Frequency, Power, Direction, and other technical details. Includes stations like LPSR Galich'ya Gora, ODAN Odare, RAMN Ramite, etc.

Table with columns: Station, Frequency, Power, Direction, and other technical details. Includes stations like NIE Niedzica, NKC Novy Kostel, PRU Pruhonice, etc.

Table with columns: Station, Frequency, Power, Direction, and other technical details. Includes stations like PERS Pernice, PKSM Moragy, TLB Topalu, etc.

Table with columns: DBIC, Dimbokro, 122.02, 8, PKP, PKPdf, 03 11 23.6 -0.2, etc.

IDC 20:02:53.49:0.1, 8.3, 65S, 134.30E, h0km, mb3.6/2, mb1 3.9/4, mb1mx3.6/34, mbtpm3.7/4, ML3.6/2, MS3.0/1, Ms1 3.0/1, ms1mx2.6/29, Error ellipse: s-maj=82.1km s-min=26.1km az=69.0, Irian Jaya region

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

CASC 20:02:58:31.2:2.6, 13.43N:91.26W, h15km, MD3.6, Near coast of Guatemala

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

ISCJB 20:03:03:24.0:5.2, 3.34N:0.02:122.03E:0.2, h15km, 5km, Error ellipse: s-maj=4.1km s-min=2.6km az=137.6

TAP 20:03:03:24.4, 23.38N:121.95E, h11km, ML3.5, D JMA 20:03:03:24.5:0.1, 23.35N:121.94E, h35km, M3.0

ISC 20:03:24.8:0.1, 23.37N:0.03:121.97E:0.03, h22km, 8km, n51, 05611/84, Taiwan

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

Table with columns: CHN1, TWK, Hsiying, 1.36 266 P, 03 04 06.6 +0.8, etc.

VIE 20:03:14:17.9:0.3, 46.81N:16.60E, h4km, 2km, mb2 2/5, ml2 7/5, Error ellipse: s-maj=2.2km s-min=1.2km az=126.0

ISCJB 20:03:14:18.8:0.3, 46.88N:0.02:16.43E:0.03, h8km, 3km, Error ellipse: s-maj=3.7km s-min=2.4km az=31.1

LJU 20:03:14:18.9, 46.87N:16.45E, h18km, ML2.3 CSEM 20:03:14:19.3:0.1, 46.86N:16.46E, h10km, ML3.2/10, Error ellipse: s-maj=4.0km s-min=2.6km az=121.0

PRU 20:03:14:20.9, 46.93N:16.49E, h10km ISC 20:03:14:19.9:0.9, 46.88N:0.02:16.47E:0.02, h15km, 8km, n75, 01820/116, 13C-12D, Northwestern Balkan

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

Table with columns: OBKA, Obir, 1.37 256f ePn, 03 14 44.7 +0.1, etc.

IDC 20:03:58:36.1:3.1, 17.09S:174.78W, h172km, 26km, mb3.6/5, mb1 3.9/6, mb1mx3.5/29, mbtpm4.1/6, Error ellipse: s-maj=10.18km s-min=16.1km az=144.0, Tonga Islands

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

ISCJB 20:04:20:35.7:1.1, 41.8S:0.2:84.7E:0.3, h10km, mb4.0/6, MS3.7/8, Error ellipse: s-maj=33.2km s-min=24.7km az=4.5

IDC 20:04:20:35.6:1.3, 41.80S:84.66E, h0km, mb3.9/6, mb1 4.1/6, mb1mx3.8/32, mbtpm3.9/6, MS3.7/8, Ms1 3.7/8, mb1mx3.4/20, Error ellipse: s-maj=40.0km s-min=30.0km az=91.0

ISC 20:04:20:37.2:1.3, 41.8S:0.2:84.7E:0.3, h10km, n16, 0222/6, mb3.9/6, MS3.7/8, Southeast Indian Ridge

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

ISCJB 20:04:32:06.0:0.5, 19.87S:0.04:69.01W:0.09, h104km, mb4.2/2, Error ellipse: s-maj=11.5km s-min=5.0km az=11.3

GUC 20:04:32:06:0.6, 19.91S:68.91W, h66km, 29km, ML4.0 IDC 20:04:32:07:4:1.5, 19.89S:69.00W, h116km, 11km, mb3.8/3, mb1 3.7/6, mb1mx3.2/22, mbtpm4.1/6, Error ellipse: s-maj=39.0km s-min=8.5km az=97.0

ISC 20:04:32:06:0.0:0.9, 19.85S:0.05:69.2W:0.1, h104km, n15, 0139/17, Northern Chile

2020 5h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MNMC Minimimi, IPOC Station P, LVC Limon Verde, etc.

ISK 20 04:47:30.8, 38:86N-27:87E, h10km, MD2.8
DDA 20 04:47:30.6, 38:85N-27:95E, h1km, MD2.9
CSEM 20 04:47:31.1, 0.1, 38:85N-27:93E, h5km, MD2.8, Error

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AKS Akhisar, MANT Manisa, DEMI Demirci, etc.

ISCJB 20 04:52:25.8, 0.8, 18:65S-02:177:8W, 0.2, h600km, mb3.6/9,
Error ellipse: s-maj=26.0km s-min=18.6km az=39.2

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

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ISCJB 20 05:09:12.4, 0.8, 42:30N-07:85E, 0.1, h10km, mb3.5/5,
Error ellipse: s-maj=13.8km s-min=9.7km az=168.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PDGK Podgornoye, MK31 Makanchi Array, etc.

ISC 20 05:05:14.6, 1.1, 42:13N-08:85E, 0.09, h10km, n18,
b4.7, mb3.6/5, 8C, 5D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AAK Ala-Archa, MNAS Manas, KURBB Kurchatov Arra, etc.

DJA 20 05:16:06.1, 1.1, 0.1, S4:12'00E, h12km, 8km, M3.8/10,
mb4.7/1, mB5.6/1, MLV3.3/10, Mw(MB)5.1/1, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PCI Palu, APSI Ampana, TTSI Tana Toraja, etc.

ISC 20 05:18:00.7, 3.7, 5.55S-150:74E, h0km, mb3.2/2,
mb1.3/2, mb1mx3.2/8, mbtmp3.2/2, MS3.2/1, Ms1.3.2/1,
s-min=49.1km az=117.0, New Britain region

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

ISCJB 20 05:23:14.1, 0.9, 23:8S-02:180:0W, 0.1, h518km, mb3.9/9,
Error ellipse: s-maj=32.4km s-min=15.8km az=163.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, EIDS Eidsvoll, CTA Charters Tower, etc.

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Table with columns: FITZ Fitzroy Crossi, SIJI Sorog, MAW Mawson, NVAR Mina Array Bea, etc.

TJR 20 05:26:49.5, 4.2, 41:20N-20:23E, h7km, 999km, ML2.7
BEO 20 05:26:53.9, 0.6, 41:14N-20:20E, h0km, ML2.1/7

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

PHP Peshkopia, PUK Puka, PUK Puka, PUK Puka, etc.

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

MOS 20 05:37:08.3, 0.8, 55:61N-164:41E, h34km, mb4.2/1, Error
ellipse: s-maj=13.6km s-min=9.7km az=45.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KBTR Krutoberegovo, BKR Bering, MYK Mys Kozlova, etc.

Table with columns: KOK, Koryaka, 3.96 238 eP, Pn, 05 38 10.6 +4.7, etc.

IDC 20 05:39:54.71.7.57.94S:25.50W, h0km, mb3.7/2, mb1.3/2, mb1mx3.5/19, mbtmp3.7/2, Error ellipse: s-maj=80.4km s-min=35.8km az=70.0

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC, etc.

IDC 20 05:42:51.4.4.4.5.71S:150.30E, h0km, mb3.0/2, mb1.3/4, mb1mx3.2/25, mbtmp3.1/2, Error ellipse: s-maj=193.4km s-min=49.2km az=116.0, New Britain region

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC, etc.

ISK 20 05:48:40.8, 37.26N, 28.20E, h5km, MD2.5, ISCJB 20 05:48:41.8, 0.5, 37.23N, 0.03, 28.19E, 0.03, h0km, Error ellipse: s-maj=5.0km s-min=3.9km az=15.4

CSEM 20 05:48:41.9, 0.3, 37.23N, 28.19E, h5km, MD2.6, Error ellipse: s-maj=7.0km s-min=5.2km az=29.0, Mining explosion.

DDA 20 05:48:41.8, 37.24N, 28.11E, h7km, MD2.6, ISC 20 05:48:42.3, 0.9, 37.23N, 0.03, 28.18E, 0.02, h0km, n18, r15/23, Turkey

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC, etc.

IDC 20 06:12:45.3.3.3.5.30S:148.63E, h0km, mb3.7/3, mb1.4/1.5, mb1mx3.7/36, mbtmp4.0/5, ML3.2/2, Error ellipse: s-maj=77.1km s-min=38.3km az=98.0, New Britain region

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC, etc.

IDC 20 06:14:42.3.0.6.52.64N:169.90W, h0km, mb4.0/1.5, mb1.4/2/17, mb1mx4.0/31, mbtmp3.9/17, ML3.5/2, MS3.2/7, Ms1.3/37, ms1mx2.9/38, Error ellipse: s-maj=24.6km s-min=13.4km az=173.0

BJJ 20 06:14:44.6, 52.63N:170.04W, h10km, mb4.6/4, MB4.6/3, MS4.2/1

NEIC 20 06:14:44.0.52.64N:169.59W, h6km, mb4.2/36, ML4.0(AEIC), After AEIC.

ISCJB 20 06:14:45.1, 0.8, 52.59N, 0.04, 169.57W, 0.04, h27km, 6km, mb4.1/39, MS3.1/6, Error ellipse: s-maj=7.8km s-min=3.2km az=163.3

ISC 20 06:14:44.5.1.6.52.63N:0.09:169.56W:0.04, h11km, gkm, n279, r09/98/280, mb4.1/39, MS3.1/6, Fox Islands

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC, etc.

Table with columns: ATKA, Atka Island, 2.87 263 P, Pn, 06 15 29.4 -0.7, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC, etc.

IDC 20 05:42:51.4.4.4.5.71S:150.30E, h0km, mb3.0/2, mb1.3/4, mb1mx3.2/25, mbtmp3.1/2, Error ellipse: s-maj=193.4km s-min=49.2km az=116.0, New Britain region

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC, etc.

ISK 20 05:48:40.8, 37.26N, 28.20E, h5km, MD2.5, ISCJB 20 05:48:41.8, 0.5, 37.23N, 0.03, 28.19E, 0.03, h0km, Error ellipse: s-maj=5.0km s-min=3.9km az=15.4

CSEM 20 05:48:41.9, 0.3, 37.23N, 28.19E, h5km, MD2.6, Error ellipse: s-maj=7.0km s-min=5.2km az=29.0, Mining explosion.

DDA 20 05:48:41.8, 37.24N, 28.11E, h7km, MD2.6, ISC 20 05:48:42.3, 0.9, 37.23N, 0.03, 28.18E, 0.02, h0km, n18, r15/23, Turkey

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC, etc.

IDC 20 06:12:45.3.3.3.5.30S:148.63E, h0km, mb3.7/3, mb1.4/1.5, mb1mx3.7/36, mbtmp4.0/5, ML3.2/2, Error ellipse: s-maj=77.1km s-min=38.3km az=98.0, New Britain region

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC, etc.

IDC 20 06:14:42.3.0.6.52.64N:169.90W, h0km, mb4.0/1.5, mb1.4/2/17, mb1mx4.0/31, mbtmp3.9/17, ML3.5/2, MS3.2/7, Ms1.3/37, ms1mx2.9/38, Error ellipse: s-maj=24.6km s-min=13.4km az=173.0

BJJ 20 06:14:44.6, 52.63N:170.04W, h10km, mb4.6/4, MB4.6/3, MS4.2/1

NEIC 20 06:14:44.0.52.64N:169.59W, h6km, mb4.2/36, ML4.0(AEIC), After AEIC.

ISCJB 20 06:14:45.1, 0.8, 52.59N, 0.04, 169.57W, 0.04, h27km, 6km, mb4.1/39, MS3.1/6, Error ellipse: s-maj=7.8km s-min=3.2km az=163.3

ISC 20 06:14:44.5.1.6.52.63N:0.09:169.56W:0.04, h11km, gkm, n279, r09/98/280, mb4.1/39, MS3.1/6, Fox Islands

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC, etc.

Main table with columns: J21A, Lysite, 41.39 77 P, P, 06 22 31.1 +0.4, etc.

20d 6h

Table with columns: Station Name, Azimuth, Distance, Magnitude, Phase, Time, Residual. Includes stations like Y28A McKinney Farm, Z28A Tucker Farm, Y29A Porterfield Fa, etc.

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Table with columns: Code, Station Name, Azimuth, Distance, Magnitude, Phase, Time, Residual. Includes stations like WMQ 72nm,4.8s, CD2 Chengdu, KMI Kunming, etc.

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Table with columns: Code, Station Name, Azimuth, Distance, Magnitude, Phase, Time, Residual. Includes stations like JNK Nakash, JAR Ashorobuto, JAR Rausu, etc.

Table with columns: LFK, Leftkose, 2.66 133 ePN, Pn, 06 46 12.7 +3.4, etc. Includes various station names like Zeytinokyu-Aydi, Mersin, Prodromos, etc.

Table with columns: AKTO, Aktyubinsk, 23.39 47 P, P, 06 50 25.4 -1.4, etc. Includes stations like Fines, HFS, NOA, ARCES, etc.

Table with columns: WEL 20 06:46:26.3, 0.2, 45.205, 166.87E, h33km, ML3.7/11, etc. Includes stations like DCZ, Milford Sound, etc.

Table with columns: WEL 20 06:50:34.0, 0.4, 11N.5, 12.6E, h52km, 16km, M4.2/10, etc. Includes stations like KMSI, LBMI, GTOI, etc.

Table with columns: WEL 20 06:51:59.9, 0.6, 45.675, 166.41E, h12km, ML3.5/9, 1C-4D, etc. Includes stations like PYZ, DCZ, WHZ, etc.

Table with columns: WEL 20 06:53:58.7, 0.6, 45.745, 166.56E, h5km, ML2.8/10, Error ellipse, etc. Includes stations like PYZ, DCZ, WHZ, etc.

Table with columns: WEL 20 06:53:58.7, 0.6, 45.745, 166.56E, h5km, ML2.8/10, Error ellipse, etc. Includes stations like PYZ, DCZ, WHZ, etc.

Table with columns: WKZ, Wanaka, 1.96 63 PN, Pn, 06 54 33.4 +0.8, etc. Includes stations like SYZ, EAZ, JCZ, etc.

Table with columns: WEL 20 06:55:18.5, 0.4, 45.715, 166.48E, h5km, ML3.4/9, 1C-2D, Error ellipse, etc. Includes stations like PYZ, DCZ, WHZ, etc.

Table with columns: GUC 20 06:58:27.5, 0.9, 22.715, 69.03W, h102km, 5km, ML3.8, etc. Includes stations like LVC, IPOC Station P, etc.

Table with columns: IDC 20 07:07:51.9, 1.2, 12.28N, 141.36E, h0km, mb3.4/4, mb1.3/7.5, etc. Includes stations like GUMO, WRA, ASAR, etc.

Table with columns: ISCJB 20 07:24:45.7, 0.7, 30.54S, 0.04, 179.9W, 0.1, h350km, etc. Includes stations like RAO, MXZ, WMGZ, etc.

Table with columns: ISCJB 20 07:24:45.7, 0.7, 30.54S, 0.04, 179.9W, 0.1, h350km, n57, etc. Includes stations like RAO, MXZ, WMGZ, etc.

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, SNRr, SNRf, SNRb, SNRc, SNRd, SNRe, SNRf, SNRg, SNRh, SNRi, SNRj, SNRk, SNRl, SNRm, SNRn, SNRo, SNRp, SNRq, SNRr, SNRs, SNRt, SNRu, SNRv, SNRw, SNRx, SNRy, SNRz).

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, SNRr, SNRf, SNRb, SNRc, SNRd, SNRe, SNRf, SNRg, SNRh, SNRi, SNRj, SNRk, SNRl, SNRm, SNRn, SNRo, SNRp, SNRq, SNRr, SNRs, SNRt, SNRu, SNRv, SNRw, SNRx, SNRy, SNRz).

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, SNRr, SNRf, SNRb, SNRc, SNRd, SNRe, SNRf, SNRg, SNRh, SNRi, SNRj, SNRk, SNRl, SNRm, SNRn, SNRo, SNRp, SNRq, SNRr, SNRs, SNRt, SNRu, SNRv, SNRw, SNRx, SNRy, SNRz).

Table with columns: IAU, Name, RA, Dec, Mag, Type, etc. Includes entries like BVAR Borovoye Array, BRVK Borovoye, MLAC Mammoth Lakes, etc.

Table with columns: IAU, Name, RA, Dec, Mag, Type, etc. Includes entries like MAK Makhachkala, BRTR Keskin Array B, BR213 Keskin MP Arra, etc.

Table with columns: IAU, Name, RA, Dec, Mag, Type, etc. Includes entries like SWI 63nm,0.7s,7um1.6nm, SWI Sorong, KDU Kakadu, etc.

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Table with columns: Station Name, Azimuth, Elevation, SNR, and other technical details for various stations like Otaki Gorge, Kaniot Island, Cannon Point, etc.

ISCBJ 20 10:45:34.8-0.9, 14.9S:0.4x175.6W:0.1, h250km, mb3.5/4, Error ellipse: s-maj=5.7km s-min=10.7km az=163.2

ISC 20 10:45:36.9-1.7, 15.29S:0.75x175.20W, h271km, mb3.7km, mb3.4/4, mb1 3.6/5, mb1mx3.3/19, mbtmp4.0/5, Error ellipse: s-maj=124.6km s-min=18.2km az=143.0

ISC 20 10:45:35.8-1.0, 15.0S:0.4x175.5W:0.2, h250km, n7, +0667.7, mb3.5/4, Samoa Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other technical details for stations like Afiamalu, Afi, AFI, etc.

ISCBJ 20 10:57:30.3-0.5, 32.95N:0.05x49.57E:0.04, h10km, Error ellipse: s-maj=7.3km s-min=4.6km az=28.3

CSEM 20 10:57:30.9-0.2, 32.93N:49.58E, h10km, ML3.6, Error ellipse: s-maj=7.6km s-min=5.8km az=28.0

THR 20 10:57:30.4-1.4, 33.08N:49.67E, h15km, 9km, ML3.5

TEH 20 10:57:31.2, 32.90N:49.54E, h8km, ML3.6

ISC 20 10:57:31.3-1.1, 32.92N:0.04x49.60E:0.03, h10km, n40, +18145, Western Iran

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other technical details for stations like SHGR, SHGR, SHGR, etc.

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Table with columns: Station Name, Azimuth, Elevation, SNR, and other technical details for stations like GHVR, GHOM, GHVR, etc.

NCC 20 11:13:05.4-1.1, 38.63N:70.52E, h0km, mb3.6, mpv3.2, 11C-SD, Error ellipse: s-maj=11.8km s-min=3.0km az=160.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other technical details for stations like DZET, DZET, SFK, SFK, etc.

CSEM 20 11:13:05.1-0.2, 32.92N:49.61E, h2km, ML3.6, Error ellipse: s-maj=5.8km s-min=3.8km az=10.0

TEH 20 11:13:06.4, 32.92N:49.62E, h6km, ML3.6

ISCN 20 11:13:01.1, 0.0-0.7, 33.02N:49.04E, h0km, 2km, ML3.6

ISC 20 11:13:05.0-1.5, 32.89N:0.04x49.61E:0.03, h2km, n14km, n50, +1903/54, Western Iran

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other technical details for stations like IKFM, IKFM, IKFM, etc.

IBZA Bozob, IBZA Bozob, IBZA Komasi, IBZA Komasi

IKOM Komasi, IKOM Zefreh, IKOM Zefreh

IRAZ Razeghan, IRAN Long-Peri, IRAN Long-Peri

IRAZ Razeghan, IRAN Varamin, IRAN Varamin

IRAN Varamin, IRAN Varamin, IRAN Varamin

IRAN Varamin, IRAN Varamin, IRAN Varamin

IRAN Varamin, IRAN Varamin, IRAN Varamin

IRAN Varamin, IRAN Varamin, IRAN Varamin

20d 11h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other technical details for stations like IBDR, IDMV, IDMV, etc.

IDC 20 11:27:39.7-1.0, 21.76S:174.73W, h0km, mb3.9/7, mb1 4.2/7, mb1mx4.0/21, mbtmp3.9/7, MS3.0/3, Ms1 3.0/3, ms1mx2.8/28, Error ellipse: s-maj=52.8km s-min=24.4km az=149.0

ISCJB 20 11:27:42.5-0.9, 21.7S:0.3x174.9W:0.2, h27km, mb3.9/7, MS3.1/1, Error ellipse: s-maj=48.5km s-min=21.3km az=150.3

ISC 20 11:27:44.0-1.0, 21.8S:0.3x174.8W:0.2, h27km, n12, +19179, mb3.8/7, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other technical details for stations like AFI, AFI, RAR, RAR, etc.

GUC 20 11:37:11.9-0.5, 23.00S:69.21W, h108km, 4km, ML3.5, 2C, Northern Chile

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other technical details for stations like PB06, PB06, PB06, etc.

IDC 20 11:39:22.4-4.8, 5.41S:151.55E, h0km, mb3.4/2, mb1 3.7/2, mb1mx3.3/23, mbtmp3.4/2, Error ellipse: s-maj=237.6km s-min=50.4km az=119.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other technical details for stations like WRA, WRA, ASAR, ASAR, etc.

HEL 20 11:45:40.9-0.3, 6.761N:34.23E, h0km, ML2.4, Explosion

ISCJB 20 11:45:41.9-1.4, 6.754N:0.03x33.5E:0.2, h0km, Error ellipse: s-maj=11.4km s-min=4.8km az=5.3

CSEM 20 11:45:42.7-0.8, 6.755N:33.69E, h2km, ML2.1, Error ellipse: s-maj=15.9km s-min=6.8km az=93.0, Mining explosion

NAO 20 11:45:43.9-1.2, 6.768N:33.74E, ML2.8

ISC 20 11:45:41.5-1.7, 6.759N:0.04x33.80E:0.09, h0km, n29, +1915/51, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other technical details for stations like APA0, APA0, APA0, etc.

20d 13h

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

ISK 20 11:47:14.4, 39.93N, 27.37E, h21km, ML2.2
ISCJB 20 11:47:15.4, 0.6, 39.98N, 0.03, 27.45E, 0.05, h12km, Error ellipse: s-maj=6.0km s-min=4.6km az=172.0

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

ISC 20 11:54:39.2, 9.7, 11.61S, 167.48E, h0km, mb4.0/4, mb1 4.2/4, mb1mx3.6/39, mbtmp4.0/4, Error ellipse: s-maj=267.3km s-min=49.2km az=122.0, Santa Cruz Islands

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

ISCJB 20 12:22:24.1, 0.4, 52.56N, 0.04, 168.07W, 0.04, h10km, mb4.1/14, MS3.3/12, Error ellipse: s-maj=5.5km s-min=3.2km az=158.2

NEIC 20 12:22:27.8, 0.7, 52.73N, 0.06, 166.13W, 0.04, h10km, n84, e171/85, mb4.1/14, MS3.4/12, Foz Islands

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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 Nikolski High, Okmok South, Okmok Mt. Tuli, 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 ANDN, YUREGIR, HCB, etc.

ISC 20 12:49:08.6, 1.6, 9.74S, 161.01E, h0km, mb3.8/3, mb1 4.1/4, mb1mx3.7/31, mbtmp3.8/4, ML3.9/1, MS3.8/2, Ms1 3.8/2, ms1mx2.8/34, Error ellipse: s-maj=49.7km s-min=30.7km az=133.0, Bougainville - Solomon Islands region

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

ISCJB 20 13:08:19.7, 0.6, 29.63N, 0.05, 138.78E, 0.09, h445km, mb3.2/5, Error ellipse: s-maj=10.4km s-min=6.7km az=160.9

JMA 20 13:08:20.3, 0.2, 29.69N, 139.32E, h477km, M3.3
ISC 20 13:08:20.3, 0.9, 29.55N, 138.88E, h452km, 17km, mb2.8/5, mb1 3.1/8, mb1mx2.8/51, mbtmp3.8/8, Error ellipse: s-maj=30.7km s-min=15.6km az=7.0

ISC 20 13:08:20.2, 0.8, 29.62N, 0.08, 138.87E, 0.10, h445km, n14, e139/17, mb3.2/5, Southeast of Honshu

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

AWI 20 13:08:49.1, 55.39S, 27.74W
BUJ 20 13:08:53.3, 55.80S, 27.80W, h77km, mb5. 1/8, Ms5.3/10, Ms7.5/9

ISCJB 20 13:08:55.6, 1.7, 55.85S, 0.07, 28.0W, 0.1, h111km, 16km, mb4.8/21, Error ellipse: s-maj=14.2km s-min=9.0km az=144.0

GCMT 20 13:08:57.4, 0.2, 56.03S, 27.85W, h123km, 1km, MW5.2/10, Moment Tensor Solution, s75, c98, s100, c156; Duration: 1s0 Moment tensor: Scale 1017 Nni, M10.53; 02; Mw=0.48; 03; Mw=0.05; 03;

NEIC 20 13:08:57.4, 0.2, 55.88S, 28.06W, mb5.1/12, Error ellipse: s-maj=8.3km s-min=6.6km az=222.0

ISC 20 13:08:57.8, 0.6, 55.87S, 28.09W, h118km, 4km, mb4.4/13, mb1 4.5/15, mb1mx4.4/20, mbtmp4.8/18, MS3.9/14, s-maj=11.0km, ms1mx3.8/17, Error ellipse: s-maj=15.0km s-min=11.0km az=62.0

ISC 20 13:08:57.4, 0.6, 55.88S, 0.07, 28.26W, 0.07, h114km, 4km, h114km, pp-P, n122, e1540/157, mb4.8/20, 1C, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HOPE, VNA1, SNA, PMSA, etc.

DDA 20 12:42:52.5, 37.59N, 35.53E, h8km, MD2.8, Turkey
Code Station Name Az Az' Phase ID Time Res ISC h m s ISC

20d 16h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like NLU North Lily Min, J20A Shoshoni, B25A Knox Farm, etc.

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Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like MJAR Matsushiro, MJAR Buchanan, L25A Engebretsen, etc.

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Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like S27A Las Animas, O30A MW Ranch, K33A Hardington, etc.

PVCC	Panska Ves	75.73 360	fP	P	16 52 07.3 +0.8	CHTO	comp=Z,204nm,1.3s,comp=Z,2um	77.79 285	eP	P	16 52 18.4 -0.2	SOC		e			16 55 34.0
PVCC	Panska Ves	75.73 360	fP	P	16 52 07.3 +0.8	CHTO	Chiang Mai	77.79 285	eP	P	16 52 18.4 -0.2	LJU	Ljubljana	80.22 360	eP	P	16 52 31.0 -0.4
UPC	Udice	75.74 359	fP	P	16 52 07.1 +0.6	CHTO	Chiang Mai	77.79 285	eP	P	16 52 18.4 -0.2	MLR	Muntele Rosu	80.24 351	fP	P	16 52 32.2 +1.5
UPC	Udice	75.74 359	fP	P	16 52 07.1 +0.6	BFO	Black Forest	77.83 4	eP	P	16 52 18.4 +0.1	COEN	Coen	80.29 320	eP	P	16 52 31.9 -0.2
PLN	Plauen	75.77 1	eP	P	16 52 07.1 +0.4	BFO	Black Forest	77.83 4	eP	P	16 52 18.4 +0.1	CFR	Caracali	80.34 350	fP	P	16 52 31.7 -0.3
TNTI	Ternate	75.77 251	P	P	16 52 07.0 -0.1	BFO	Black Forest	77.83 4	eP	P	16 52 18.4 +0.1	MPSI	Magapa	80.35 257	P	P	16 52 32.3 -0.2
TNTI	Ternate	75.77 251	P	P	16 52 07.1 -0.1	BFO	Black Forest	77.83 4	eP	P	16 52 18.4 +0.1	APSI	Ampana	80.37 255	P	P	16 52 31.8 -0.7
WERD	Werda	75.81 1	eP	P	16 52 07.4 +0.5	TRPA	Tarpa	77.87 354	fP	P	16 52 19.3 +0.8	VOIR	Oni	80.37 352	fP	P	16 52 33.0 +0.7
TANN	Tannenbergha	75.84 1	eP	P	16 52 07.7 +0.5	TRPA	Tarpa	77.87 354	fP	P	16 52 19.2 +0.8	ONI	Buzias	80.43 354	fP	P	16 52 32.6 +0.1
CRAI	Chiang Mai	75.86 285	P	P	16 52 04.9 -2.7	ECH	Echery	77.89 5	eP	P	16 52 19.0 +0.3	VISS	Visnje	80.46 359	iP	P	16 52 32.5 -0.2
DPC	Dobruska-Polom	75.89 358	fP	P	16 52 08.1 +0.7	ECH	Echery	77.89 5	eP	P	16 52 19.0 +0.3	ARR	Arges	80.47 352	fP	P	16 52 33.3 +0.5
DPC	Dobruska-Polom	75.89 358	fP	P	16 52 08.1 +0.7	KKN	Kakani	77.95 301	eP	P	16 52 19.9 +0.3	TRI	Trieste	80.56 0	eP	P	16 52 33.0 -0.2
DPC	Dobruska-Polom	75.89 358	fP	P	16 52 08.1 +0.7	RAMN	Ramite	77.96 299	eP	P	16 52 19.7 0.0	TRI	Trieste	80.56 0	eP	P	16 52 33.0 -0.2
GUNZ	Gunzen	75.89 1	eP	P	16 52 08.0 +0.6	ZST	Bratislava	78.03 358	eP	P	16 52 20.8 +1.4	TRV	Trieste	80.56 0	eP	P	16 52 33.0 -0.2
OJC	Ojcow	75.92 356	eP	P	16 52 08.2 +0.5	ZST	Bratislava	78.03 358	eP	P	16 52 20.8 +1.4	CHG	Ch'k'valeri	80.56 339	iP	P	16 52 34.2 +0.9
OJC	Ojcow	75.92 356	eP	P	16 52 08.2 +0.5	ZST	Bratislava	78.03 358	eP	P	16 52 20.8 +1.4	GZR	Gura Zlatu	80.56 354	fP	P	16 52 33.5 +0.1
OJC	Ojcow	75.92 356	eP	P	16 52 08.2 +0.5	PKI	Pulchoki	78.06 301	eP	P	16 52 20.3 0.0	SSB	Saint Sauveur	80.67 7	eP	P	16 52 34.4 +0.6
TNS	Taunus Mts	75.94 4	eP	P	16 52 08.2 +0.5	PKI	Pulchoki	78.06 301	eP	P	16 52 20.3 0.0	SSB	Saint Sauveur	80.67 7	eP	P	16 52 34.4 +0.6
TNS	Taunus Mts	75.94 4	eP	P	16 52 08.2 +0.5	CMAR	Chiang Mai Arr	78.08 285	P	P	16 52 20.4 +0.2	SSB	Saint Sauveur	80.67 7	eP	P	16 52 34.4 +0.6
WERN	Wernitzgruen	75.97 1	eP	P	16 52 08.6 +0.7	FUR	Furstenfeldbr	78.08 2	eP	P	16 52 20.5 +0.8	ABKT	Alibek	80.72 326	P	P	16 52 34.0 -0.2
NONG	Nongkai	75.98 281	P	P	16 52 08.4 +0.1	FUR	Furstenfeldbr	78.08 2	eP	P	16 52 20.5 +0.8	GEYT	Alibek	80.72 326	P	P	16 52 34.9 +0.7
NK	Novy Kostel	76.03 1	fP	P	16 52 08.7 +0.5	GKN	Gorkha	78.10 301	eP	P	16 52 20.5 +0.2	GEYT	Alibek	80.72 326	P	P	16 52 34.9 +0.7
NK	Novy Kostel	76.03 1	fP	P	16 52 08.7 +0.5	GKN	Gorkha	78.10 301	eP	P	16 52 20.5 +0.2	GEYT	Alibek	80.72 326	P	P	16 52 34.9 +0.7
LVV	L'vov	76.09 353	fP	P	16 52 08.1 -0.4	GOF	Gofitskoye	78.12 339	fP	P	16 52 20.9 +1.0	SKDS	Skadanscina	80.72 360	iP	P	16 52 34.1 0.0
KRLC	Kraliky	76.16 358	fP	P	16 52 09.5 +0.5	GOF	Gofitskoye	78.12 339	fP	P	16 52 20.9 +1.0	BOJS	Bojanci	80.76 359	iP	P	16 52 34.7 +0.5
KRLC	Kraliky	76.16 358	fP	P	16 52 09.5 +0.5	DMN	Daman	78.19 301	eP	P	16 52 21.3 +0.4	HARR	Harsava	80.85 350	fP	P	16 52 34.9 +0.2
KRLC	Kraliky	76.16 358	fP	P	16 52 09.5 +0.5	DMN	Daman	78.19 301	eP	P	16 52 21.3 +0.4	SEAC	Seraev	80.85 337	P	P	16 52 34.6 -0.4
FAKI	Fak Fak	76.18 245	eP	P	16 52 09.8 +0.4	BURAR	Bucovina Array	78.19 352	fP	P	16 52 20.4 0.0	TBLG	Delisi	80.92 337	eP	P	16 52 36.4 +1.2
FAKI	Fak Fak	76.18 245	eP	P	16 52 09.8 +0.4	BURAR	Bucovina Array	78.19 352	fP	P	16 52 20.4 0.0	TBLG	Delisi	80.92 337	eP	P	16 52 36.4 +1.2
FAKI	Fak Fak	76.18 245	eP	P	16 52 09.8 +0.4	PSZ	Piszkesteto	78.22 356	eP	P	16 52 21.6 +1.1	TLB	Topalu	80.94 350	fP	P	16 52 35.1 -0.1
PRA	Prague	76.19 360	fP	P	16 52 09.6 +0.5	PSZ	Piszkesteto	78.22 356	eP	P	16 52 21.6 +1.1	TIRR	Tirgusor	81.03 349	eP	P	16 52 35.7 +0.1
PRA	Prague	76.19 360	fP	P	16 52 09.6 +0.5	PSZ	Piszkesteto	78.22 356	eP	P	16 52 21.6 +1.1	TIRR	Tirgusor	81.03 349	eP	P	16 52 35.7 +0.1
MANZ	Manzenberg	76.27 1	eP	P	16 52 09.9 +0.3	PSZ	Piszkesteto	78.22 356	eP	P	16 52 21.6 +1.1	TIRR	Tirgusor	81.03 349	eP	P	16 52 35.7 +0.1
MANZ	Manzenberg	76.27 1	eP	P	16 52 09.9 +0.3	PSZ	Piszkesteto	78.22 356	eP	P	16 52 21.6 +1.1	TIRR	Tirgusor	81.03 349	eP	P	16 52 35.7 +0.1
MANZ	Manzenberg	76.27 1	eP	P	16 52 09.9 +0.3	DANN	Dangsing	78.25 302	eP	P	16 52 21.9 +0.6	BNI	Bardonecchia	81.03 5	eP	P	16 52 37.5 +1.6
PRU	Pruhonice	76.28 360	fP	P	16 52 10.1 +0.6	DANN	Dangsing	78.25 302	eP	P	16 52 21.9 +0.6	BNI	Bardonecchia	81.03 5	eP	P	16 52 37.5 +1.6
PRU	Pruhonice	76.28 360	fP	P	16 52 10.1 +0.6	CONA	Conrad Observa	78.33 359	fP	P	16 52 22.0 +0.9	BNI	Bardonecchia	81.03 5	eP	P	16 52 37.5 +1.6
SHL	Shillong	76.31 295	eP	P	16 52 11.0 +0.6	CONA	Conrad Observa	78.33 359	fP	P	16 52 22.0 +0.9	BNI	Bardonecchia	81.03 5	eP	P	16 52 37.5 +1.6
GOP	GO Pecny, Ondr	76.35 359	fP	P	16 52 10.6 +0.6	MSAI	Masohi	78.33 247	P	P	16 52 22.6 +1.2	BNI	Bardonecchia	81.03 5	eP	P	16 52 37.5 +1.6
SKNT	Sakolnokrui	76.36 280	P	P	16 52 10.7 +0.2	MSAI	Masohi	78.33 247	P	P	16 52 22.6 +1.2	BNI	Bardonecchia	81.03 5	eP	P	16 52 37.5 +1.6
KWP	Kalwaria Pacia	76.36 354	eP	P	16 52 10.8 +0.7	GTOI	Gorontalo	78.33 255	P	P	16 52 20.8 -0.7	DGRG	Daw-gareji	81.04 337	P	P	16 52 37.0 +1.1
KWP	Kalwaria Pacia	76.36 354	eP	P	16 52 10.8 +0.7	GTOI	Gorontalo	78.33 255	P	P	16 52 20.8 -0.7	SRDT	SRDT	81.25 282	P	P	16 52 37.2 -0.1
KWP	Kalwaria Pacia	76.36 354	eP	P	16 52 10.8 +0.7	GTOI	Gorontalo	78.33 255	P	P	16 52 20.8 -0.7	SRDT	SRDT	81.25 282	P	P	16 52 37.2 -0.1
OKC	Ostrava-Krasne	76.36 357	fP	P	16 52 10.7 +0.7	CHAI	Chaiyaphum	78.36 281	P	P	16 52 21.6 -0.1	PATY	Pattaya	81.39 280	P	P	16 52 38.5 +0.5
OKC	Ostrava-Krasne	76.36 357	fP	P	16 52 10.7 +0.7	CHAI	Chaiyaphum	78.36 281	P	P	16 52 21.6 -0.1	PATY	Pattaya	81.39 280	P	P	16 52 38.5 +0.5
OKC	Ostrava-Krasne	76.36 357	fP	P	16 52 10.7 +0.7	KIS	Kishinev	78.47 350	fP	P	16 52 21.0 -0.8	PCI	PCI	81.40 256	P	P	16 52 36.9 -1.1
OKC	Ostrava-Krasne	76.36 357	fP	P	16 52 10.7 +0.7	KIS	Kishinev	78.47 350	fP	P	16 52 21.0 -0.8	PCI	PCI	81.40 256	P	P	16 52 36.9 -1.1
WLF	Walferdange	76.40 5	P	P	16 52 11.1 +0.9	KIS	Kishinev	78.47 350	fP	P	16 52 21.0 -0.8	AKH	Akhalkalaki	81.51 338	P	P	16 52 39.9 +1.4
WLF	Walferdange	76.40 5	P	P	16 52 11.1 +0.9	KIS	Kishinev	78.47 350	fP	P	16 52 21.0 -0.8	AKH	Akhalkalaki	81.51 338	P	P	16 52 39.9 +1.4
WLF	Walferdange	76.40 5	P	P	16 52 11.1 +0.9	KIS	Kishinev	78.47 350	fP	P	16 52 21.0 -0.8	AKH	Akhalkalaki	81.51 338	P	P	16 52 39.9 +1.4
WLF	Walferdange	76.40 5	P	P	16 52 11.1 +0.9	RJOB	Jochberg	78.53 1	eP	P	16 52 22.8 +0.6	AKH	Akhalkalaki	81.51 338	P	P	16 52 39.9 +1.4
WLF	Walferdange	76.40 5	P	P	16 52 11.1 +0.9	RJOB	Jochberg	78.53 1	eP	P	16 52 22.8 +0.6	AKH	Akhalkalaki	81.51 338	P	P	16 52 39.9 +1.4
WLF	Walferdange	76.40 5	P	P	16 52 11.1 +0.9	RJOB	Jochberg	78.53 1	eP	P	16 52 22.8 +0.6	AKH	Akhalkalaki	81.51 338	P	P	16 52 39.9 +1.4
WLF	Walferdange	76.40 5	P	P	16 52 11.1 +0.9	RJOB	Jochberg	78.53 1	eP	P	16 52 22.8 +0.6	AKH	Akhalkalaki	81.51 338	P	P	16 52 39.9 +1.4
WLF	Walferdange	76.40 5	P	P	16 52 11.1 +0.9	RJOB	Jochberg	78.53 1	eP	P	16 52 22.8 +0.6	AKH	Akhalkalaki	81.51 338	P	P	16 52 39.9 +1.4
WLF	Walferdange	76.40 5	P	P	16 52 11.1 +0.9	RJOB	Jochberg	78.53 1	eP	P	16 52 22.8 +0.6	AKH	Akhalkalaki	81.51 338	P	P	16 52 39.9 +1.4
WLF	Walferdange	76.40 5	P	P	16 52 11.1 +0.9	RJOB	Jochberg	78.53 1	eP	P	16 52 22.8 +0.6	AKH	Akhalkalaki	81.51 338	P	P	16 52 39.9 +1.4
WLF	Walferdange	76.40 5	P	P	16 52 11.1 +0.9	RJOB	Jochberg	78.53 1	eP	P	16 52 22.8 +0.6	AKH	Akhalkalaki	81.51 338	P	P	16 52 39.9 +1.4
WLF	Walferdange	76.40 5	P	P	16 52 11.1 +0.9	RJOB	Jochberg	78.53 1	eP	P	16 52 22.8 +0.6	AKH	Akhalkalaki	81.51 338	P	P	16 52 39.9 +1.4
WLF	Walferdange	76.40 5	P	P	16 52 11.1 +0.9	RJOB	Jochberg	78.53 1	eP	P	16 52 22.8 +0.6	AKH	Akhalkalaki	81.51 338	P	P	16 52 39.9 +1.4
WLF	Walferdange	76.40 5	P	P	16 52 11.1 +0.9	RJOB	Jochberg	78.53 1	eP	P	16 52 22.8 +0.6	AKH	Akhalkalaki	81.51 338	P	P	16 52 39.9 +1.4
WLF	Walferdange	76.40 5	P	P	16 52 11.1 +0.9	RJOB	Jochberg	78.53 1	eP	P	16 52 22.8 +0.6	AKH	Akhalkalaki	81.51 338	P	P	16 52 39.9 +1.4
WLF	Walferdange	76.40 5	P	P	16 52 11.1 +0.9	RJOB	Jochberg	78.53 1	eP	P	16 52 22.8 +0.6	AKH	Akhalkalaki	81.51 338	P	P	16 52 39.9 +1.4
WLF	Walferdange	76.40 5	P	P	16 52 11.1 +0.9	RJOB	Jochberg	78.53 1	eP	P	16 52 22.8 +0.6	AKH	Akhalkalaki	81.51 338	P	P	16 52 39.9 +1.4
WLF	Walferdange	76.40 5	P	P	16 52 11.1 +0.9	RJOB	Jochberg	78.53 1	eP	P	16 52 22.8 +0.6	AKH	Akhalkalaki	81.51 338	P	P	16 52 39.9 +1.4
WLF	Walferdange	76.40 5	P	P	16 52 11.1 +0.9	RJOB	Jochberg	78.53 1	eP	P	16 52 22.8 +0.6	AKH	Akhalkalaki	81.51 338	P	P	16 52 39.9 +1.4
WLF	Walferdange	76.40 5	P	P	16 52 11.1 +0.9	RJOB	Jochberg	78.53 1	eP	P	16 52 22.8 +0.6	AKH	Akhalkalaki	81.51 338	P	P	16 52 39.9 +1.4
WLF	Walferdange	76.40 5	P	P	16 52 11.1 +0.9	RJOB	Jochberg	78.53 1	eP	P	16 52 22.8 +0.6	AKH	Akhalkalaki	81.51 338	P	P	16 52 39.9 +1.4
WLF	Walferdange	76.40 5	P	P	16 52 11												

20d 16h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like BSS1 Bau Bau, ESDC Sonseca Array, and many others.

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Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like RCLA Racheria, ARMA Armidale, SKHT Srikalahasti, and many others.

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Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KZA baz=40, NRN Naryn, and many others.

LGTI	KURBB	Kurchatov Arra	12.29 21	ex Pn	Sn	17 02 16.4	-5.0
		comp=N,61nm,0.7s			Pn	17 00 07.7	-2.5
	KURBB	comp=N,450nm,1.8s		llLg	Lg	17 03 41.8	
	KURBB	Kurchatov Arra	12.29 21	Pn	Pn	17 00 08.2	-2.0
		comp=N,1.0nm,0.3s,baz=213,slow=12,SNR=210			Sn	17 02 34.8	+8.1
	KURBB	comp=N,0.2nm,0.3s,baz=207,slow=27,SNR=3.1			Lg	17 03 44.1	
	KURBB	comp=N,0.8nm,0.3s,baz=333,slow=26,SNR=9.1			Lg	17 03 44.1	
	JASL	Jaisalmer	12.36 184	ex	Sn	17 02 30.3	+2.0
	KURK	Kurchatov	12.39 21	P	Pn	17 00 08.2	-3.5
	KURK	Kurchatov	12.39 21	Pn	Pn	17 02 34.8	-3.5
	KURK	Kurchatov	12.39 21	Pn	Pn	17 02 34.8	+5.4
	KURK	Kurchatov	12.39 21	Pn	Pn	17 03 44.1	
	WMQ	Urumqi	12.75 64	P	P	17 00 17.6	+0.9
	WMQ			pP	P	17 00 20.5	-7.3
	WMQ			sp	P	17 00 26.5	
	WMQ			ep	PnPn	17 00 29.6	+5.2
	WMQ			S	Sn	17 02 40.0	+1.6
	WMQ			sS	PMZ	17 02 44.6	
	WMQ	comp=N,55nm,0.8s					
	WMQ	comp=N,120nm,4.0s		PMZ			
	WMQ	comp=N,3um,7.0s		LN			
	WMQ	comp=N,2um,8.0s		LE			
	WMQ	comp=N,2um,12.0s		LZ			
	AB31	Akbulak array	13.05 324	llPn	Pn	17 00 18.2	-2.5
	AB31	comp=N,73nm,0.9s,baz=140,slow=12,SNR=481			Sn	17 02 44.3	-1.3
	AB31	comp=N,219nm,1.1s,baz=137,slow=21,SNR=8.5			Pn	17 00 18.2	-2.5
	AB31	Akbulak array	13.05 324	iP	Pn	17 00 18.2	-2.5
	AB31			i		17 02 39.9	
	AB31	comp=Z,97nm,0.9s			pmax pmax		
	AB31	comp=N,312nm,1.2s			smax smax		
	ABKAR	Akbulak array	13.05 324	eSn	Sn	17 02 44.9	-0.7
	ABKAR			eSn	Sn	17 02 44.9	-0.7
	BVA0	Borovoye Array	13.76 356	llPn	Pn	17 00 28.0	-2.4
		comp=N,1.1nm,1.1s,baz=186,slow=12,SNR=89				17 04 28.8	
	BVA0	comp=N,244nm,1.1s		llLg	Lg	17 04 28.8	
	BVA0	Borovoye Array	13.76 356	iP	Pn	17 00 27.9	-2.4
	BVA0				pmax pmax		
	BVA0	comp=Z,127nm,1.1s					
	BVA0	comp=N,245nm,1.2s			pmax pmax		
	BVAR	Borovoye Array	13.76 356	Pn	Pn	17 00 27.8	-2.5
		comp=N,2.6nm,0.3s,baz=186,slow=13,SNR=82					
	BVAR	comp=N,1.5nm,0.3s,baz=169,slow=24,SNR=3.6		Lg	Lg	17 04 20.6	
	BVAR	comp=N,1um,19.6s,baz=230,slow=40		LR	LR	17 04 19.3	
	BRVK	Borovoye	13.80 356	llPn	Pn	17 00 27.9	-3.0
		comp=N,148nm,0.9s					
	BRVK	comp=N,383nm,1.2s		llLg	Lg	17 04 30.2	
	BRVK	Borovoye	13.80 356	iP	Pn	17 00 28.3	-2.5
	BRVK	Borovoye	13.80 356	iP	Pn	17 00 28.3	-2.5
	BRVK	comp=N,402nm,1.0s,SNR=23					
	BRVK	Borovoye	13.80 356	eSn	Sn	17 02 59.2	-4.5
	BRVK	Borovoye	13.80 356	eSn	Sn	17 02 59.2	-4.5
	IGLO	Ghaloghah	14.44 264	eP	Pn	17 00 37.7	-2.2
	IANJ	Anjilo	14.70 260	eP	Pn	17 00 43.9	+0.4
	DANN	Dangsing	14.77 134	eP	Pn	17 00 39.0	-5.5
	AKTO	Aktyubinsk	14.77 323	llPn	Pn	17 00 41.7	-2.5
		comp=N,200nm,1.1s					
	AKTO	comp=N,146nm,0.9s		llSn	Sn	17 03 30.0	+2.6
	AKTO	Aktyubinsk	14.77 323	Pn	Pn	17 00 42.3	-1.8
		comp=N,2.4nm,0.3s,baz=128,slow=16,SNR=47					
	AKTO	comp=N,1.1nm,0.3s,baz=357,slow=18,SNR=3.9				17 03 24.0	-3.5
	AKTO	comp=N,2um,19.0s,baz=138,slow=40		LR	LR	17 07 08.0	
	AKTO	Aktyubinsk	14.77 323	P	Pn	17 00 41.6	-2.5
	AKTO				pmax pmax		
	AKTO	comp=Z,200nm,1.1s			smax smax		
	AKTO	comp=N,154nm,1.2s					
	ISHM	Shahmirzad	15.06 262	eP	Pn	17 00 47.8	-0.6
	KOLN	Koldanda	15.13 136	eP	Pn	17 00 44.9	-4.4
		comp=N,169nm,0.6s					
	IALA	Alasht	15.35 264	eP	Pn	17 00 51.1	-1.1
	GKN	Gorkha	15.53 133	eP	Pn	17 00 48.1	-6.4
	IFIR	Firozkoh	15.53 262	eP	Pn	17 00 55.2	+0.6
	KKN	Kakani	16.06 132	eP	Pn	17 00 54.5	-6.9
		comp=N,528nm,0.5s					
	DMN	Daman	16.10 132	eP	Pn	17 00 55.4	-6.5
	IDMV	Damavand	16.11 263	eP	Pn	17 01 03.2	+1.2
	IAFJ	Afjeh	16.27 264	eP	Pn	17 01 05.1	+1.0
	PKIN	Phulchoki	16.29 132	eP	Pn	17 00 57.7	-6.7
	PKI	Pulchoki	16.30 132	eP	Pn	17 00 57.8	-6.8
		comp=N,615nm,0.6s					
	GUN	Gumba	16.32 130	eP	Pn	17 00 58.1	-6.8
		comp=N,374nm,0.9s					
	IVRN	Varamin	16.54 261	eP	P	17 01 10.4	+0.5
	IZEF	Zefreh	16.95 254	eP	P	17 01 14.5	+0.1
	ZALV	Zalesovo Beam	17.13 27	P	P	17 01 13.7	-0.9
		comp=N,9.9nm,0.3s,baz=223,slow=11,SNR=149					
	ZALV	comp=N,0.3nm,0.3s,baz=209,slow=26,SNR=3.2		Lg	Lg	17 06 13.6	
	IGZV	Ghazvin	17.27 267	eP	P	17 01 19.0	+0.9
	RAMN	Ramite	17.46 130	eP	Pn	17 01 12.6	-6.6
		comp=N,355nm,0.6s					
	IRAZ	Razeghan	17.79 264	eP	P	17 01 24.1	+0.2
	TAPN	Taplejung	17.84 127	eP	Pn	17 01 18.4	-5.5
		comp=N,173nm,0.9s					
	ODAN	Odare	18.00 129	eP	Pn	17 01 20.4	-5.4
		comp=N,244nm,0.8s					
	IPIR	Pirpir	18.12 255	eP	Pn	17 01 27.4	0.0
	LSA	Lhasa	18.59 115	P	Pn	17 01 32.8	-0.2
	LSA	Lhasa	18.59 115	eP	Pn	17 01 31.0	-2.0
	LSA			pmax pmax			
	LSA	Lhasa	18.59 115	eP	P	17 01 31.0	-2.0
	MAK	Makhachkala	18.62 289	eP	Sn	17 01 33.3	+0.3
	MAK			eS	Sn	17 05 02.4	+1.5
	MAK	comp=Z,186nm,1.6s			pmax pmax		
	MAK	comp=Z,2um,12.0s			MLR MLR		
	ISRB	Sarab	18.90 273	eP	Pn	17 01 37.7	+1.0
	NGP	Nagpur	19.14 159	eP	P	17 01 37.9	-0.7
	NGP			ex	P	17 05 00.9	
	ARU	Arti	19.23 337	eP	Pn	17 01 40.1	-0.2
		comp=Z,0.0nm,0.3s,baz=149,slow=12,SNR=118					
	ARU	comp=Z,0.0nm,0.3s,baz=302,slow=19,SNR=2.0		Lg	Lg	17 07 20.7	
	ARU	comp=Z,2um,19.6s,baz=144,slow=38		LR	LR	17 09 30.8	
	ARU	Arti	19.23 337	iP	P	17 01 39.4	+0.1
	ARU			S	S	17 05 18.1	+1.5
	ARU	comp=Z,162nm,1.2s			pmax pmax		
	ARU	Arti	19.23 337	P	P	17 01 39.5	+0.1
		comp=Z,570nm,0.9s,SNR=45					
	IHR5	Heris	19.29 275	eP	Pn	17 01 42.5	+1.1
	HVS	Khovu-Aksy	19.38 45	eP	Pn	17 01 40.5	-0.6
	HVS			pmax pmax			
	IBST	Bostanabad	19.52 273	eP	Pn	17 01 44.0	-0.2
	HATD	Hatta, Dubai	19.55 227	iP	Pn	17 01 48.1	+3.7
	FAQ	Al Faqa, Dubai	19.92 228	llP	Pn	17 01 51.4	+2.6
	ASUD	Al Ashush, Dub	20.16 228	llP	Pn	17 01 53.3	+1.7
	IAZR	Azarshahr	20.23 274	eP	Pn	17 01 53.0	+0.2
	IMRD	Marand	20.25 277	eP	Pn	17 01 53.0	+0.2
	ISHB	Shabestar	20.39 275	eP	Pn	17 01 54.4	-0.2
	POO	Poona	20.78 174	llP	P	17 01 53.0	-3.4
	GNI	Garni	20.78 281	iP	P	17 01 57.3	+0.7
		comp=Z,125nm,0.8s,baz=51,slow=10,SNR=31					
	GNI	Garni	20.78 281	iP	P	17 01 57.2	+0.7

GNI	comp=Z,332nm,1.2s		pmax pmax				
GNI	Garni	20.78 281	llP	Pn	Pn	17 01 58.5	-0.5
	SNR=25						
SRSP	Sriramsagar	21.08 162	eP	P	P	17 01 57.1	-2.6
SRSP			IAMB	IAMB	IAMB	17 02 06.5	
	comp=Z,65nm,1.1s						
SRSP			eS	S	S	17 05 55.8	+1.6
SRSP			IVMs_BB	IVMs_BB	IVMs_BB	17 10 07.1	
ZEI	Tsey	21.27 288	eP	Pmax	Pmax	17 02 02.9	+1.1
ZEI							
	comp=Z,236nm,1.1s						
RPR	Rampur	21.39 160	eP	IAMB	IAMB	17 02 01.7	-1.3
RPR						17 02 09.7	
	comp=Z,66nm,0.7s						
RPR			eS	S	S	17 06 00.8	+0.9
RPR			IVMs_BB	IVMs_BB	IVMs_BB	17 10 28.1	
	comp=Z,2um,10.3s						
NCK	Nalchik	21.50 290	llP	P	P	17 02 02.9	-1.2
KLRI	Killari	21.57 167	eP	IAMB	IAMB	17 02 03.1	-1.8
KLRI						17 02 10.2	
	comp=Z,37nm,0.8s						
KLRI			eS	S	S	17 06 05.0	+1.4
KLRI			IVMs_BB	IVMs_BB	IVMs_BB	17 10 21.7	
	comp=Z,2um,11.5s						
ONI	Oni	21.60 288	P	P	P	17 02 06.6	+1.4
AKH	Akhalkalaki	21.62 285	P	P	P	17 02 07.5	+2.0
GTA	Gaotai	21.66 81	llP	P	P	17 02 06.0	+0.1
GTA			pP	pP	pP	17 02 10.1	-0.1
GTA			sP	sP	sP	17 02 13.0	+0.8
GTA			S	S	S	17 06 07.0	+1.7
GTA			sS	sS	sS	17 06 14.1	-0.2
GTA			PMZ				
	comp=Z,29nm,1.3s						
GTA							
	comp=Z,210nm,5.5s						
GTA			LN				
	comp=Z,610nm,15.4s						
GTA			LE				
	comp=Z,730nm,14.5s						
GTA			LZ				
	comp=Z,740nm,14.7s						
SHL	Shilong	21.75 123	eP	P	P	17 02 07.0	0.0
SHL			eS	S	S	17 06 07.0	-0.3
KRAR	Krasnoyarsk	21.80 33	eP	Pmax	Pmax	17 02 05.7	-1.4
KRAR							
	comp=Z,109nm,0.8s						
GOF	Gofitskoye	21.99 295	eP	Pmax	Pmax	17 02 09.8	+0.5
GOF							
	comp=Z,122nm,0.8s						
KBZ	Khabaz	22.01 291	P	LR	LR	17 02 08.6	-0.9
KBZ						17 12 45.8	
	comp=Z,26nm,0.9s,baz=122,slow=7.6,SNR=19						
NEY	Neytrino	22.13 290	eP	Pmax	Pmax	17 02 11.0	0.0
NEY							
	comp=Z,377nm,20.2s,baz=86,slow=42						
KIV	Kislovodsk	22.17 292	iP	Pmax	Pmax	17 02 10.0	-1.4
KIV							
	comp=Z,19nm,0.9s						
KIV							
	comp=Z,38nm,0.7s						
KIV			MLR	MLR			
KIV	Kis						

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like Rabbit Creek A, Zalesovo Array, Castle Rocks, Palmer, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like KHC Kasperske Hory, GERES GERES Array B, FUORN Ofenpass-Fuorn, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like mb1 5/133, mb1mx5.1/34, mbtmp5.1/33, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ARMA Armadale, PALU Palau, BNDI Bandanaira, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BALP Baler, PALP Palanan, MEEK Meekatharra, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SSE comp=Z,810nm,9.5s, SSE comp=Z,6um,19.1s, etc.

20d 17h

Table with columns for location, time, and performance metrics. Includes entries like YAK, VAK, SBA, VVND, etc.

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Table with columns for location, time, and performance metrics. Includes entries like HYB, RSO, NGP, etc.

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Table with columns for location, time, and performance metrics. Includes entries like PCA, MAW, MAW, etc.

FIGC	Figueroa Mtn.	90.22	55	eP	P	18 09 13.4	-0.9
SMCC	Simmler	90.29	55	P	P	18 09 14.4	-0.1
CMB	Columbia Colle	90.35	52	eP	P	18 09 13.8	-1.0
CMB	Columbia Colle	90.35	52	eP	P	18 09 13.8	-1.0
PKM	Peak Mountain	90.38	55	P	P	18 09 15.6	+0.4
SBC	Santa Barbara	90.40	56	P	P	18 09 15.2	+0.1
BSC	Santa Cruz Isl	90.41	56	P	P	18 09 14.9	-0.2
J05D	Fort Rock, OR	90.46	47	P	P	18 09 15.0	-0.3
I05D	Terrebonne, OR	90.54	46	P	P	18 09 14.9	-0.6
LON	Longmie	90.58	43	eP	P	18 09 12.9	-2.8
LON	Longmie	90.58	43	eP	P	18 09 12.9	-2.8
LON	Longmie	90.58	43	eP	P	18 09 12.9	-2.8
K05A	Summer Lake	90.63	47	eP	P	18 09 16.9	+0.8
G05D	Wamic, OR	90.69	45	P	P	18 09 15.4	-0.8
BLG	Laguna Peak	90.89	56	P	P	18 09 16.7	-0.7
MOD	Modoc	90.94	48	eP	P	18 09 17.4	-0.2
RCTC	Reactor, Farmer	91.03	54	P	P	18 09 17.4	-0.5
YES	Vestal, Richgr	91.09	54	P	P	18 09 17.5	-0.7
WAKR	Walker	91.15	52	eP	P	18 09 18.7	0.0
SCI	San Clemente I	91.19	57	P	P	18 09 18.6	-0.1
ARVC	Arvin	91.21	55	P	P	18 09 18.9	+0.1
OSI	Osito Adit	91.24	55	P	P	18 09 18.8	-0.2
OSI	Osito Adit	91.24	55	P	P	18 09 19.2	+0.2
LTY	Liberty	91.42	43	eP	P	18 09 19.6	0.0
BVA0	Borovoye Array	91.48	323	iP	P	18 09 18.3	-1.3
BVA0	Borovoye Array	91.48	323	iP	P	18 09 18.3	-1.3
FMP	Fort Macarthur	91.48	56	P	P	18 09 19.0	-1.0
MLAC	Mammoth Lakes	91.51	52	P	P	18 09 19.8	-0.7
DECC	Green Verdugo	91.52	56	P	P	18 09 19.7	-0.6
BRVK	Borovoye	91.55	323	iP	P	18 09 18.6	-1.3
BRVK	Borovoye	91.55	323	iP	P	18 09 18.6	-1.3
BRVK	Borovoye	91.55	323	iP	P	18 09 18.6	-1.3
BRVK	Borovoye	91.55	323	iP	P	18 09 18.6	-1.3
BRVK	Borovoye	91.55	323	iP	P	18 09 18.6	-1.3
BRVK	Borovoye	91.55	323	iP	P	18 09 18.6	-1.3
ISA	Isabella	91.57	54	eP	P	18 09 20.5	0.0
ISA	Isabella	91.57	54	eP	P	18 09 20.5	0.0
ISA	Isabella	91.57	54	eP	P	18 09 20.5	0.0
ISA	Isabella	91.57	54	eP	P	18 09 20.5	0.0
PASC	Pasadena Art C	91.63	56	eP	P	18 09 22.1	+1.3
EDW2	Edwards Air Fo	91.87	55	P	P	18 09 21.4	-0.5
TIN	Tinemaha	91.93	53	P	P	18 09 22.2	0.0
CWC	Cottonwood Cre	91.97	54	P	P	18 09 22.3	-0.2
NV01	Mina Array Sit	92.03	52	eP	P	18 09 21.7	-1.1
NVAR	Near Array Bea	92.03	52	P	P	18 09 22.6	-0.1
BFSC	Mount Baldy Ra	92.07	56	P	P	18 09 22.2	-0.7
HAWA	Hanford	92.08	44	eP	P	18 09 22.3	-0.3
HAWA	Hanford	92.08	44	eP	P	18 09 22.3	-0.3
LRMC	Laurel Mountai	92.18	55	P	P	18 09 23.5	+0.1
WVOR	Wild Horse Val	92.24	48	eP	P	18 09 23.5	-0.1
WVOR	Wild Horse Val	92.24	48	eP	P	18 09 23.5	-0.1
WVOR	Wild Horse Val	92.24	48	eP	P	18 09 23.5	-0.1
DAC	Darwin (Calif)	92.35	54	eP	P	18 09 24.8	+0.5
DAC	Darwin (Calif)	92.35	54	eP	P	18 09 24.8	+0.5
G08A	Pilot Rock	92.35	45	eP	P	18 09 24.2	+0.2
MURC	Murrieta	92.38	57	P	P	18 09 24.3	0.0
109C	Camp Elliot, M	92.38	57	P	P	18 09 24.0	-0.2
MPMC	Manual Prospec	92.41	54	P	P	18 09 24.3	-0.3
SYO	Syowa Base	92.51	199	eP	P	18 09 22.7	-1.4
D08A	Wollman Farm,	92.58	43	eP	P	18 09 25.1	+0.2
GRAC	Grapevine Rang	92.60	53	P	P	18 09 24.9	-0.3
BBRC	Big Bear Solar	92.68	56	P	P	18 09 25.3	-0.6
RRX	Edison Barstow	92.68	55	P	P	18 09 25.7	0.0
BAR	Barrett	92.72	58	iP	P	18 09 25.4	-0.4
GSC	Goldstone	92.88	55	eP	P	18 09 26.8	+0.2
GSC	Goldstone	92.88	55	eP	P	18 09 26.3	-0.4
GSC	Goldstone	92.88	55	eP	P	18 09 26.8	+0.2
MONP	Monument Peak	92.95	57	P	P	18 09 27.5	+0.3
FURC	Furnace Creek,	92.95	54	P	P	18 09 26.9	+0.1
PFO	Pinyon Flat Ob	93.00	57	iP	P	18 09 26.9	+0.1
PFO	Pinyon Flat Ob	93.00	57	iP	P	18 09 26.9	+0.1
PFO	Pinyon Flat Ob	93.00	57	iP	P	18 09 26.9	+0.1
BMN	Battle Mountai	93.08	50	eP	P	18 09 26.4	-1.1
BMN	Battle Mountai	93.08	50	eP	P	18 09 26.4	-1.1
C09A	Battle Mountai	93.08	50	eP	P	18 09 26.4	-1.1
BMN	Battle Mountai	93.08	50	eP	P	18 09 26.4	-1.1
IBP	Imperial Bould	93.20	58	P	P	18 09 28.5	+0.4
HEC	Hector,Ludlow	93.22	55	P	P	18 09 27.7	-0.5
BELC	Belle Mtn. Jos	93.41	56	P	P	18 09 29.0	-0.2
SWSC	Sam W. Stewart	93.48	57	P	P	18 09 29.2	-0.1
TPNV	Topopah Spring	93.49	53	eP	P	18 09 30.9	+1.4
TPNV	Topopah Spring	93.49	53	eP	P	18 09 30.9	+1.4
TPNV	Topopah Spring	93.49	53	eP	P	18 09 30.9	+1.4
TUQ	Turquoise Moun	93.61	55	P	P	18 09 29.3	-0.8
GMRC	Granite Mounta	93.76	56	P	P	18 09 30.7	-0.1
CRZF	Crozet Islands	93.77	223	S	S	18 09 31.0	+0.6

CRZF	Crozet Islands	93.77	223	S	S	18 21 26.0	+4.7
CRZF	Crozet Islands	93.77	223	SS	SS	18 26 47.0	-1.0
CRZF	Crozet Islands	93.77	223	SS	SS	18 26 48.0	-8.8
CRZF	Crozet Islands	93.77	223	L	L	18 35 00.0	0.0
CRZF	Crozet Islands	93.77	223	R	R	18 41 00.0	0.0
BC3	Big Chuckawall	93.83	57	P	P	18 09 30.9	-0.2
NEW	Newport	93.92	42	LR	LR	18 46 59.8	0.0
NEW	Newport	93.92	42	eP	P	18 09 29.2	-1.9
NEW	Newport	93.92	42	eP	P	18 09 29.2	-1.9
NEW	Newport	93.92	42	eP	P	18 09 30.9	-0.1
NEW	Newport	93.92	42	eP	P	18 09 29.2	-1.9
IRM	Iron Mountain	94.13	56	P	P	18 09 32.0	-0.3
R11A	Troy Canyon, C	94.14	52	P	P	18 09 31.8	-0.7
R11A	Troy Canyon, C	94.14	52	eP	P	18 09 31.8	-0.7
GLA	Glamis	94.30	57	eP	P	18 09 33.0	-0.1
GLA	Glamis	94.30	57	eP	P	18 09 33.6	+0.5
GLA	Glamis	94.30	57	eP	P	18 09 33.0	-0.1
SHPR	Sheep Range	94.32	54	eP	P	18 09 34.4	+1.0
MFID	Camas Ranch	94.39	47	eP	P	18 09 32.9	-0.6
ELK	Elko	94.61	50	eP	P	18 09 34.5	-0.2
ELK	Elko	94.61	50	eP	P	18 09 34.5	-0.2
ELK	Elko	94.61	50	eP	P	18 09 34.5	-0.2
Y12C	Blythe	94.61	57	P	P	18 09 34.7	+0.2
NEE2	Needles Airpor	94.62	56	P	P	18 09 34.4	-0.1
PDMC	Parker Dam,Lak	94.67	56	P	P	18 09 36.2	+0.1
HLID	Hailey	95.43	47	P	P	18 09 38.8	+0.5
HLID	Hailey	95.43	47	eP	P	18 09 38.1	-0.2
HLID	Hailey	95.43	47	eP	P	18 09 38.1	-0.2
BSMT	Bassoo Peak	95.45	43	eP	P	18 09 40.6	+2.3
RER	Riviere de l'E	95.53	248	PFAKE	LR	18 09 50.0	+1.1
RER	Riviere de l'E	95.53	248	PFAKE	LR	18 09 50.0	+1.1
214A	Organ Pipe Nat	95.91	59	P	P	18 09 40.7	+0.2
214A	Organ Pipe Nat	95.91	59	eP	P	18 09 41.5	+0.9
MSO	Missoula	95.96	44	P	P	18 09 40.9	+0.4
WALA	Waterton Lakes	96.10	41	eP	P	18 09 40.4	-0.7
YKA	Yellowknife Ar	96.28	28	P	P	18 09 41.4	0.0
BGU	Big Grassy Mou	96.30	50	eP	P	18 09 42.5	+0.2
DUG	Dugway	96.42	50	eP	P	18 09 43.0	+0.2
DUG	Dugway	96.42	50	eP	P	18 09 43.0	+0.2
DUG	Dugway	96.42	50	eP	P	18 09 43.0	+0.2
DUG	Dugway	96.42	50	eP	P	18 09 43.0	+0.2
HVU	Hansel Valley	96.53	49	eP	P	18 09 42.6	-0.7
HVU	Hansel Valley	96.53	49	eP	P	18 09 42.5	-0.7
HVU	Hansel Valley	96.53	49	eP	P	18 09 42.5	-0.7
MCMT	McKenzie Canyo	96.62	46	eP	P	18 09 43.4	-0.4
EDM	Edmonton	96.63	37	eP	P	18 09 45.4	+2.1
EDM	Edmonton	96.63	37	eP	P	18 09 45.4	+2.1
MSU	Marysville	96.83	52	eP	P	18 09 42.8	-2.0
MSU	Marysville	96.83	52	eP	P	18 09 42.8	-2.0
DLMT	Dillon	96.83	45	eP	P	18 09 43.9	-0.6
LRM	Limekiln Ridge	96.95	45	eP	P	18 09 47.5	+2.3
NLU	North Lily Min	96.97	51	eP	P	18 09 45.8	+0.4
IMYA	Miami	97.16	306	eP	P	18 09 45.9	-0.4
WUAZ	Wupatki	97.32	55	P	P	18 09 47.0	-0.1
WUAZ	Wupatki	97.32	55	eP	P	18 09 47.0	-0.1
WUAZ	Wupatki	97.32	55	eP	P	18 09 47.0	-0.1
HWUT	Hardware Ranch	97.43	49	PFAKE	LR	18 10 00.0	+1.3
HWUT	Hardware Ranch	97.43	49	PFAKE	LR	18 10 00.0	+1.3
BOZ	Bozeman (W)	97.52	45	eP	P	18 09 47.3	-0.4
BOZ	Bozeman (W)	97.52	45	eP	P	18 09 47.3	-0.4
BOZ	Bozeman (W)	97.52	45	eP	P	18 09 47.3	-0.4
BOZ	Bozeman (W)	97.52	45	eP	P	18 09 47.3	-0.4
BOZ	Bozeman (W)	97.52	45	eP	P	18 09 47.3	-0.4
BOZ	Bozeman (W)	97.52	45	eP	P	18 09 47.3	-0.4
TMUT	Trail Mountai	97.61	51	eP	P	18 09 47.4	-1.0
AB31	Akbulak array	97.71	319				

20d 17h

2010 AUG

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F27A	baz=104 Lemmon	104.23	44	Pdiff	Pdiff	18 10 17.8 +0.4
N27A	Anderson Farm,	104.25	50	Pdiff	Pdiff	18 10 17.1 -0.7
U27A	Thompson Grove	104.26	54	Pdiff	Pdiff	18 10 17.1 -0.8
V27A	Dan Oppiter Fa	104.27	55	Pdiff	Pdiff	18 10 18.4 +0.4
K30C	Kaye Shedlock'	104.29	52	Pdiff	Pdiff	18 10 17.3 -0.7
P27A	Ficken Ranch,	104.29	51	Pdiff	Pdiff	18 10 17.2 -0.8
H27A	Howes	104.30	46	Pdiff	Pdiff	18 10 17.5 -0.3
T27A	Campo	104.31	54	Pdiff	Pdiff	18 10 17.0 -1.1
M27A	Reverse DX Ran	104.31	49	Pdiff	Pdiff	18 10 17.6 -0.4
L27A	T5 Ranch, Ellis	104.33	48	Pdiff	Pdiff	18 10 17.6 -0.4
O27A	Beecher Island	104.33	50	Pdiff	Pdiff	18 10 16.8 -1.3
G27A	Dupree	104.34	45	Pdiff	Pdiff	18 10 16.1 -1.8
K27A	Flueckinger Fa	104.34	48	Pdiff	Pdiff	18 10 18.2 +0.1
I27A	Quinn	104.36	46	Pdiff	Pdiff	18 10 16.8 -1.3
C27A	Saylor Ranch,	104.40	43	Pdiff	Pdiff	18 10 17.4 -0.7
A27A	Ledoux Ranch,	104.43	41	Pdiff	Pdiff	18 10 18.3 +0.1
D27A	Center	104.45	43	Pdiff	Pdiff	18 10 18.9 +0.5
J27A	Elkhorn Farm,	104.47	47	Pdiff	Pdiff	18 10 19.1 +0.5
E27A	Carson	104.49	44	Pdiff	Pdiff	18 10 19.1 +0.5
Z28A	UT Block 9, Go	104.59	59	Pdiff	Pdiff	18 10 19.2 -0.2
OGNE	Ogallala	104.62	50	Pdiff	Pdiff	18 10 19.1 -0.3
OGNE	Ogallala	104.62	50	PFAKE LR	LR	18 10 30.0 +1.1
128A	comp=Z,8um,19.0s Castleberry Fa	104.67	58	Pdiff	Pdiff	18 10 17.3 -2.5
Z28A	Tucker Farm, M	104.73	57	Pdiff	Pdiff	18 10 20.6 +0.6
U28A	Mallet	104.74	54	Pdiff	Pdiff	18 10 18.9 -1.1
V28A	Channing	104.77	55	Pdiff	Pdiff	18 10 19.3 -0.9
T28A	Walsh	104.79	53	Pdiff	Pdiff	18 10 19.3 -0.9
W28A	Vega	104.81	55	Pdiff	Pdiff	18 10 19.8 -0.5
Y28A	McKinney Farm,	104.83	57	Pdiff	Pdiff	18 10 19.7 -0.8
X28A	Dimmitt	104.84	56	Pdiff	Pdiff	18 10 19.5 -1.0
O28A	Krulsinger Ran	104.88	50	PKIKP	PKIKP	18 14 33.3 -2.4
Q28A	Sharon Springs	104.90	51	PKIKP	PKIKP	18 14 34.4 -1.4
HOPEN	Hopen	104.92	349	ePP eSKSac PKIKP	PP SKSac PKIKP	18 14 36.1 -3.6 18 21 04.2 +6.2 18 14 34.5 -1.2
L28A	Connealy Angus	104.92	48	PKIKP	PKIKP	18 14 34.4 -1.4
P28A	Saint Francis	104.93	51	PKIKP	PKIKP	18 14 34.5 -1.4
S28A	Mantler	104.94	53	PKIKP	PKIKP	18 14 34.8 -1.2
529A	Stev Forest Ra	104.95	61	PKIKP	PKIKP	18 14 34.8 -1.2
R28A	Tribune	104.96	52	PKIKP	PKIKP	18 14 34.5 -1.4
K28A	Ten Mile Ranch	104.98	48	PKIKP	PKIKP	18 14 34.9 -0.8
I28A	Midland	105.01	46	PKIKP	PKIKP	18 14 34.6 -1.1
J28A	Allard Ranch,	105.01	47	PKIKP	PKIKP	18 14 35.9 +0.1
N28A	Pribbeno Ranch	105.01	50	PKIKP	PKIKP	18 14 36.1 +0.2
H28A	Mission Ridge	105.05	46	PKIKP	PKIKP	18 14 35.1 -0.7
B28A	Dugan Ranch, T	105.07	42	PKIKP	PKIKP	18 14 33.4 -2.2
E28A	Huff	105.07	44	PKIKP	PKIKP	18 14 35.2 -0.5
A28A	Rude Farm, Bot	105.08	41	PKIKP	PKIKP	18 14 35.5 -0.2
F28A	McLaughlin	105.08	44	PKIKP	PKIKP	18 14 34.5 -1.2
G28A	Parade	105.08	45	PKIKP	PKIKP	18 14 35.5 -0.3
D28A	Regan	105.08	43	PKIKP	PKIKP	18 14 34.7 -1.1
M28A	Bar X Bar Ranc	105.08	49	PKIKP	PKIKP	18 14 35.3 -2.5
329A	Wagon Wheel Ra	105.13	59	PKIKP	PKIKP	18 14 35.3 -1.1
C28A	Hausauer Farms	105.15	42	PKIKP	PKIKP	18 14 33.3 -2.5
129A	Stewart Farms,	105.19	58	PKIKP	PKIKP	18 14 34.4 -2.1
429A	Davenport Ranch	105.22	60	PKIKP	PKIKP	18 14 32.3 -4.3
KBS	Kingsbay	105.24	353	PFAKE LR	LR	18 14 50.0
KBS	comp=Z,4um,20.0s Kingsbay	105.24	353	ePP PKIKP	PP PKIKP	18 14 44.7 +2.6 18 14 38.1 +1.6
229A	Tulia	105.26	56	PKIKP	PKIKP	18 14 35.1 -1.4
X29A	Bryant Ranch,	105.26	59	PKIKP	PKIKP	18 14 37.9 +1.3
W29A	Amrillo	105.27	55	PKIKP	PKIKP	18 14 39.3 +2.7
Z29A	Hungry Hill Ra	105.30	57	PKIKP	PKIKP	18 14 39.7 +3.0
Y29A	Porterfield Fa	105.31	57	PKIKP	PKIKP	18 14 39.9 +3.2
V29A	Stimnett	105.34	55	PKIKP	PKIKP	18 14 39.7 +3.1
T29A	Hugoton	105.44	53	PKIKP	PKIKP	18 14 36.8 0.0
R29A	Marienthal	105.49	52	PKIKP	PKIKP	18 14 35.6 -1.3
U29A	Oasis Ranch, S	105.51	54	PKIKP	PKIKP	18 14 34.9 -2.0
S29A	Ulysses	105.56	53	PKIKP	PKIKP	18 14 37.0 0.0
P29A	Atwood	105.56	51	PKIKP	PKIKP	18 14 37.0 +0.1
Q29A	Oakley	105.58	52	PKIKP	PKIKP	18 14 36.4 -0.6
M29A	Burnside Ranch	105.59	49	PKIKP	PKIKP	18 14 34.3 -2.6
O29A	4D Ranch, Culb	105.62	50	PKIKP	PKIKP	18 14 40.2 +3.3
H29A	Onida	105.62	46	PKIKP	PKIKP	18 14 41.8 +4.9
I29A	Vivian Onida	105.62	46	PKIKP	PKIKP	18 14 40.2 +3.4
MDND	Madlock	105.65	42	PKIKP	PKIKP	18 14 38.8 +2.0
J29A	Okreek	105.67	47	PKIKP	PKIKP	18 14 40.3 +3.4
L29A	Maesberg Ranch	105.69	48	PKIKP	PKIKP	18 14 34.5 -2.6
N29A	Votaw Ranch, W	105.69	50	PKIKP	PKIKP	18 14 34.6 -2.5
530A	J-C Ranch, Com	105.72	61	PKIKP	PKIKP	18 14 38.9 +1.5
B29A	Wagenan Farm,	105.73	42	PKIKP	PKIKP	18 14 37.3 +0.4
K29A	Lazy Trails An	105.74	48	PKIKP	PKIKP	18 14 37.4 +0.3
A29A	Manning Farm,	105.75	41	PKIKP	PKIKP	18 14 38.9 +2.0
F29A	Eureka	105.76	44	PKIKP	PKIKP	18 14 39.0 +1.9
D29A	Pettibone, Tap	105.76	43	PKIKP	PKIKP	18 14 39.0 +2.0

G29A	Hoven	105.77	45	PKIKP	PKIKP	18 14 37.4 +0.3
Z30A	Sanderson Ranc	105.78	57	PKIKP	PKIKP	18 14 34.1 -3.4
430A	Baughen Ranch,	105.79	60	PKIKP	PKIKP	18 14 31.9 -5.7
E29A	Napoleon	105.79	44	PKIKP	PKIKP	18 14 38.7 +1.7
330A	Mertzon	105.82	59	PKIKP	PKIKP	18 14 36.9 -0.8
Z30A	Stirling City	105.85	59	PKIKP	PKIKP	18 14 37.6 -0.1
X30A	Coker Ranch, T	105.94	56	PKIKP	PKIKP	18 14 37.8 +0.1
Y30A	Stafford Cattl	105.95	57	PKIKP	PKIKP	18 14 37.8 0.0
I30A	Nycker	105.95	58	PKIKP	PKIKP	18 14 40.9 +3.1
U30A	W&E Inc. Balk	106.00	54	PKIKP	PKIKP	18 14 37.9 +0.1
V30A	Spur Ranch, Mi	106.02	55	PKIKP	PKIKP	18 14 39.5 +1.6
T30A	Plains	106.06	53	PKIKP	PKIKP	18 14 35.2 -2.7
S30A	Montezuma	106.07	53	PKIKP	PKIKP	18 14 38.6 +0.7
P30A	Selden	106.09	51	PKIKP	PKIKP	18 14 32.5 -5.4
N30A	Hueftle Ranch,	106.09	50	PKIKP	PKIKP	18 14 39.3 +1.5
W30A	Crocket Farms	106.14	55	PKIKP	PKIKP	18 14 32.6 -5.6
Q30A	Quinter	106.16	51	PKIKP	PKIKP	18 14 34.0 -4.0
R30A	Dighton	106.17	52	PKIKP	PKIKP	18 14 36.8 -1.3
O30A	MW Ranch, Wils	106.18	50	PKIKP	PKIKP	18 14 41.3 +3.3
M30A	Dale-Ortello V	106.19	49	PKIKP	PKIKP	18 14 34.0 -4.0
HSPB	Hoschund (broa	106.20	351	ePP	PP	18 14 48.2 -1.0
I30A	Oacoma	106.27	46	PKIKP	PKIKP	18 14 38.3 +0.3
L30A	Spencer Herefo	106.27	48	PKIKP	PKIKP	18 14 32.8 -5.3
K30A	Basset	106.27	48	PKIKP	PKIKP	18 14 38.3 +0.2
J30A	Dallas	106.29	47	PKIKP	PKIKP	18 14 43.0 +4.9
E30A	Jud	106.30	44	PKIKP	PKIKP	18 14 41.5 +3.5
F30A	Leola	106.31	44	PKIKP	PKIKP	18 14 39.0 +1.0
G30A	Faulkton	106.32	45	PKIKP	PKIKP	18 14 43.0 +5.0
D30A	Buchanan	106.32	43	PKIKP	PKIKP	18 14 35.6 -2.4
431A	Sonora	106.33	60	PKIKP	PKIKP	18 14 35.7 -2.9
A30A	Hoffart Farm,	106.35	41	PKIKP	PKIKP	18 14 39.8 +1.8
631A	Perdido Creek	106.40	61	PKIKP	PKIKP	18 14 38.6 -0.1
531A	Rocksprings	106.40	61	PKIKP	PKIKP	18 14 38.6 -0.1
B30A	Myrick Farm, E	106.41	41	PKIKP	PKIKP	18 14 41.3 +3.2
C30A	Moose Pekin	106.42	42	PKIKP	PKIKP	18 14 40.0 +1.8
131A	Roby	106.43	58	PKIKP	PKIKP	18 14 41.3 +2.6
331A	San Angelo	106.46	59	PKIKP	PKIKP	18 14 35.9 -2.8
Y31A	Rekieta Farm,	106.47	57	PKIKP	PKIKP	18 14 37.3 -1.4
Z31A	Bronte	106.53	59	PKIKP	PKIKP	18 14 40.2 +1.3
CBKs	Cedar Bluff	106.55	52	PKIKP	PKIKP	18 14 38.8 +0.1
CBKs	Cedar Bluff	106.55	52	PFAKE LR	LR	18 14 50.0
Z31A	comp=Z,8um,20.0s Sharp Cattle R	106.61	57	PKIKP	PKIKP	18 14 40.3 +1.3
U31A	Nine Bar Ranch	106.65	54	PKIKP	PKIKP	18 14 40.4 +1.4
W31A	Holland Ranch,	106.66	55	PKIKP	PKIKP	18 14 38.4 -0.6
MAK	Makhachkala	106.66	313	eP	Pdiff	18 10 27.5 -0.7
MAK	Jud	106.66	313	ePPP	PPP	18 14 52.5 -5
MAK	MAK	106.66	313	eSS	SS	18 17 16.6
MAK	MAK	106.66	313	eSSS	SSS	18 29 54.8 -2.3
MAK	MAK	106.66	313	pmax	pmax	18 34 00.0
X31A	McDonald Ranch	106.67	56	PKIKP	PKIKP	18 14 38.4 -0.6
V31A	Spring Creek L	106.70	55	PKIKP	PKIKP	18 14 36.4 -2.7
O31A	Woolen Ranch,	106.74	50	PKIKP	PKIKP	18 14 38.5 -0.5
R31A	Burdett	106.76	52	PKIKP	PKIKP	18 14 33.7 -5.4
P31A	Stockton	106.76	51	PKIKP	PKIKP	18 14 36.5 -2.6
Q31A	Ellis	106.80	51	PKIKP	PKIKP	18 14 36.0 -3.2
J31A	Geddes	106.84	47	PKIKP	PKIKP	18 14 36.6 -2.5
S31A	Mullinville	106.85	53	PKIKP	PKIKP	18 14 44.0 +4.7
B31A	Greenbush Farm	106.86	41	PKIKP	PKIKP	18 14 40.0 +1.1
LVZ	Lovozero	106.87	340	PFAKE LR	LR	18 14 50.0
M31A	comp=Z,5um,19.0s Lambrecht Ranch	106.89	49	PKIKP	PKIKP	18 14 36.7 -2.6
I31A	Royce, Wessing	106.89	46	PKIKP	PKIKP	18 14 39.5 +0.3
L31A	Butterfield Fa	106.89	48	PKIKP	PKIKP	18 14 39.5 +0.2
732A	Lawson Ranch,	106.95	62	PKIKP	PKIKP	18 14 35.6 -4.1
N31A	Bailey Ranch,	106.96	49	PKIKP	PKIKP	18 14 39.6 +0.2
532A	Rocksprings	106.96	61	PKIKP	PKIKP	18 14 39.6 -0.1
832A	Faith Ranch, C	106.96	63	PKIKP	PKIKP	18 14 37.6 -2.1
432A	Menard	107.02	60	PKIKP	PKIKP	18 14 36.4 -3.4
D31A	McCafflin, Tow	107.03	43	PKIKP	PKIKP	18 14 38.3 -1.0
JCT	Junction City	107.03	60	PKIKP	PKIKP	18 14 41.2 +1.3
JCT	Junction City	107.03	60	PFAKE LR	LR	18 14 50.0
JCT	JCT	107.03	60	PFAKE LR	LR	18 14 50.0
332A	comp=Z,11um,20.0s Millersview	107.04	59	PKIKP	PKIKP	18 14 39.8 -0.1
ABTX	Abilene, Hawle	107.06	58	PKIKP	PKIKP	18 14 38.4 -1.4
Z32A	Coleman	107.10	59	PKIKP	PKIKP	18 14 38.5 -1.4
Y32A	R-V Farms, Ver	107.15	57	PKIKP	PKIKP	18 14 37.2 -2.7
Z32A	Haskell	107.16	57	PKIKP	PKIKP	18 14 40.0 0.0
W32A	Geniel	107.23	55	PKIKP	PKIKP	18 14 43.3 +3.2
X32A	Elmer	107.25	56	PKIKP	PKIKP	18 14 39.5 -0.6
S32A	Newby Ranch, P	107.28	53	PKIKP	PKIKP	18 14 40.2 +0.1
U32A	Winter Ranch,	107.34	54	PKIKP	PKIKP	18 14 41.0 +0.7
P32A	Hulting Farm,	107.35	51	PKIKP	PKIKP	18 14 41.7 +1.5
V32A	Arapaho	107.36	55	PKIKP	PKIKP	18 14 39.7 -0.6
R32A	Long Quarter,	107.39	52	PKIKP	PKIKP	18 14 40.4 +0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like URKR Urkarakh, ONI Oni, AKH Akhalkalaki, KIV Kislovodsk, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MLNI Malnisio, CIMO Cimolais, SABO M.te Sabotino, VINO Vitanova, etc.

ISCJB 20 18:18:29.9.1.38.58N.0.04.39.12E.0.06, h12km, 7km, Error ellipse: s-maj=9.2km s-min=6.0km az=39.6

ROM 20 18:41:47.3.0.1.43.86N.11.74E, h10km, 1km, ML2.8/1.1, Error ellipse: s-maj=2.2km s-min=1.0km az=38.0

BOUS Bojanci, BOUS Bojanci, BOUS Bojanci, ROSI Roskopf, VNDI Vrh nad Dolski

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ASQU Asqua, CRE Caprese Michel, SEI Scarperia, CSNT Castellina Chi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RISI Rein, FETA Feichten, OBKA Obir, etc.

IDC 20 18:20:42.8.1.3.6.63S.154.26E, h0km, mb3.9/8, mb1.4/0.9, mb1mx3.8/2.0, mbtmp3.9/9, ML1.3/1.7, Error ellipse: s-maj=41.7km s-min=22.6km az=124.0

PARC Parciule, PARC Parciule, PARC Parciule, CRMI Carmignano, CRMI Carmignano

ORIF Oris-en-Rattie, ORIF Oris-en-Rattie, SMRF Simone la Rot, SMRF Stianiane la Rot

ISCJB 20 18:20:49.3.0.9.6.65S.154.17E, h35km, mb4.2/1, Error ellipse: s-maj=23.8km s-min=12.0km az=130.0

CDCA Citt' di Caste, CDCA Citt' di Caste, CDCA Citt' di Caste, CDCA Citt' di Caste

ORIF Oris-en-Rattie, ORIF Oris-en-Rattie, SMRF Simone la Rot, SMRF Stianiane la Rot

IDC 20 18:20:50.2.1.1.6.75S.0.2.154.0E.0.2, h48km, n11, 0.581/13, mb3.9/9, Bougainville - Solomon Islands

CDCA Citt' di Caste, CDCA Citt' di Caste, CDCA Citt' di Caste, CDCA Citt' di Caste

ORIF Oris-en-Rattie, ORIF Oris-en-Rattie, SMRF Simone la Rot, SMRF Stianiane la Rot

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, WRAB Tennant Creek, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BADI Badiali, BADI Badiali, FNVD Fontana Vidola, FNVD Fontana Vidola, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ORIF Oris-en-Rattie, ORIF Oris-en-Rattie, SMRF Simone la Rot, SMRF Stianiane la Rot, etc.

IDC 20 18:30:53.0.3.7.5.72S.153.26E, h0km, mb3.1/2, mb1.3/4.2, mb1mx3.2/3.0, mbtmp3.1/2.0, Error ellipse: s-maj=179.1km s-min=47.3km az=124.0, New Ireland

CDCA Citt' di Caste, CDCA Citt' di Caste, CDCA Citt' di Caste, CDCA Citt' di Caste

ORIF Oris-en-Rattie, ORIF Oris-en-Rattie, SMRF Simone la Rot, SMRF Stianiane la Rot

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, TORD Torodi Ar. Bea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BDI Bagnoli Du Luca, BDI Bagnoli Du Luca, PII Piza, PII Piza, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ORIF Oris-en-Rattie, ORIF Oris-en-Rattie, SMRF Simone la Rot, SMRF Stianiane la Rot

KRSC 20 18:32:37.6.2.0.50.62N.157.59E, h47km, 1.9km, ML3.7, Kuril Islands

CDCA Citt' di Caste, CDCA Citt' di Caste, CDCA Citt' di Caste, CDCA Citt' di Caste

ORIF Oris-en-Rattie, ORIF Oris-en-Rattie, SMRF Simone la Rot, SMRF Stianiane la Rot

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GSCJ Gusciola, VALM Valbona, BACM Baccana, GRAM Graiana, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ORIF Oris-en-Rattie, ORIF Oris-en-Rattie, SMRF Simone la Rot, SMRF Stianiane la Rot

IDC 20 18:37:38.4.1.4.6.56S.154.20E, h0km, mb3.8/8, mb1.4/0.9, mb1mx3.8/2.0, mbtmp3.8/9, ML1.7/1.9, Error ellipse: s-maj=46.9km s-min=21.8km az=119.0

CDCA Citt' di Caste, CDCA Citt' di Caste, CDCA Citt' di Caste, CDCA Citt' di Caste

ORIF Oris-en-Rattie, ORIF Oris-en-Rattie, SMRF Simone la Rot, SMRF Stianiane la Rot

Table with columns: TACH, Talagant, 1.23 131, P, Pb, 18 42 40.8 +0.4, HUMR Humele, 2.48 341, S, Sg, 19 20 36.3 +3.8

ISCJB 20 19:05:14.8-0.8, 76.91N-0.06, 7.9E, 0.2, h10km, Error ellipse: s-maj=6.7km s-min=6.0km az=18.0

NAO 20 19:05:25.3-5.0, 76.93N-9.63E, h10km, 26km, ML2.7

Main table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, HSPB Hornsund (broa), 1.55 83, eP, P, 19 05 49.8 +0.0

IDC 20 19:14:18.0-3.5, 2.67S:151.28E, h0km, mb3.6/2, mb1 3.8/2, mb1mx3.3/18, mbtmp3.6/2, Error ellipse: s-maj=145.2km s-min=45.9km az=113.0, New Ireland region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, WRA Warramunga Arr, 23.84 223, P, P, 19 19 34.4 +1.2

THE 20 19:19:13.6, 42.26N-26.47E, h22km, 4km, ML2.6/4, Error ellipse: s-maj=6.5km s-min=0.9km az=82.0

CSEM 20 19:19:14.7, 0.2, 42.19N-26.03E, h2km, ML2.6, Error ellipse: s-maj=6.8km s-min=4.5km az=119.0

Main table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, EDRB Edirne, 0.60 124, P, P, 19 19 22.9 +1.5

Table with columns: HUMR Humele, 2.48 341, S, Sg, 19 20 36.3 +3.8, ZAPS Zavoj, 2.76 294, ePn, Pb, 19 20 00.9 -2.2

ISK 20 19:21:14.0, 39.90N-40.77E, h5km, MD2.6

ISCJB 20 19:21:15.6, 0.6, 39.90N-40.05-40.31E, 0.05, h8km, gkm, Error ellipse: s-maj=9.0km s-min=4.6km az=34.8

Main table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, KOPT Kop Dag, 0.28 297, Op, P, 19 21 21.0 +0.3

TAP 20 19:21:16.0, 23.90N:122.71E, h13km, 1km, ML3.8, D

ISCJB 20 19:21:17.0, 0.4, 23.92N-0.02-122.71E, 0.01, h24km, 4km, mb3.3/8, Error ellipse: s-maj=0.2km s-min=2.1km az=170.1

JMA 20 19:21:17.9, 0.2, 24.03N:122.62E, h33km, 5km, M3.1

IDC 20 19:21:39.2, 2.3, 25.06N:124.61E, h298km, 32km, mb2.8/8, mb1 2.8/9, mb1mx2.8/28, mbtmp3.4/9, Error ellipse: s-maj=35.2km s-min=15.5km az=64.0

Main table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, YONG Yonagunijimaka, 0.59 25, P, Pb, 19 21 28.5 +0.4

DDA 20 19:39:55.5, 38.69N-40.09E, h7km, MD3.3

ISCJB 20 19:39:56.2, 0.6, 38.67N-40.02-40.10E, 0.03, h9km, 5km, Error ellipse: s-maj=4.1km s-min=4.0km az=8.5

ISK 20 19:39:56.0, 38.70N-40.12E, h12km, MD2.9

CSEM 20 19:39:57.0, 5.0, 38.63N-40.05E, h20km, MD2.9, Error ellipse: s-maj=5.7km s-min=5.2km az=138.0

ISC 20 19:39:56.3, 1.1, 38.68N-0.02-40.10E, 0.02, h14km, gkm, n35, e052/49, Turkey

Main table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, BINT Bingol, 0.36 57, eP, P, 19 40 06.5 -0.8

Main table with columns: TAP1, baz=316, eS, S, 19 22 04.3 +0.8, TAP Taipei, 1.55 317, eS, P, 19 22 03.6 +0.8

DDA 20 19:39:55.5, 38.69N-40.09E, h7km, MD3.3

ISCJB 20 19:39:56.2, 0.6, 38.67N-40.02-40.10E, 0.03, h9km, 5km, Error ellipse: s-maj=4.1km s-min=4.0km az=8.5

ISK 20 19:39:56.0, 38.70N-40.12E, h12km, MD2.9

CSEM 20 19:39:57.0, 5.0, 38.63N-40.05E, h20km, MD2.9, Error ellipse: s-maj=5.7km s-min=5.2km az=138.0

ISC 20 19:39:56.3, 1.1, 38.68N-0.02-40.10E, 0.02, h14km, gkm, n35, e052/49, Turkey

Main table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, BINT Bingol, 0.36 57, eP, P, 19 40 06.5 -0.8

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

TIF 20 19:45:36.2, 43°38'N, 44°38'E, h10km, 2km
MOS 20 19:45:37.1, 3.43, 29N, 44.27E, h8km, mb4.1, Error
ellip: s-maj=6.0km s-min=6.0km az=99.6

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

SJA 20 19:51:23.1, 0.35, 56S, 72.80W, h33km, ML3.8, MW3.3
ISCJB 20 19:51:38.8, 0.9, 34.91S, 0.05, 71.87W, 0.09, h42km, 6km,
Error ellip: s-maj=12.7km s-min=7.2km az=14.6

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

NEIC 20 19:51:39.0, 0.34, 88S, 71.79W, h36km, ML4.1 (GUC), After GUC.
ISC 20 19:51:39.9, 1.1, 34.89S, 0.05, 71.84W, 0.07, h32km, 7km,
n28, c142/46, 1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like U65B, U65B, U65B, etc.

JMA 20 20:36:53.8, 0.1, 24.23N, 121.75E, h60km, 1km, M2.7
ISCJB 20 20:36:55.3, 0.4, 24.26N, 121.74E, 0.02, h52km, 6km,
Error ellip: s-maj=5.5km s-min=2.9km az=153.8

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

TAP 20 20:36:55.9, 24.30N, 121.77E, h46km, ML3.1, D
ISC 20 20:36:55.8, 1.2, 24.26N, 121.73E, 0.03, h47km, 6km,
n42, c084/63, 2C-2D, Taiwan

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

JMA 20 20:36:53.8, 0.1, 24.23N, 121.75E, h60km, 1km, M2.7
ISCJB 20 20:36:55.3, 0.4, 24.26N, 121.74E, 0.02, h52km, 6km,
Error ellip: s-maj=5.5km s-min=2.9km az=153.8

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

TAP 20 20:36:55.9, 24.30N, 121.77E, h46km, ML3.1, D
ISC 20 20:36:55.8, 1.2, 24.26N, 121.73E, 0.03, h47km, 6km,
n42, c084/63, 2C-2D, Taiwan

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

JMA 20 20:36:53.8, 0.1, 24.23N, 121.75E, h60km, 1km, M2.7
ISCJB 20 20:36:55.3, 0.4, 24.26N, 121.74E, 0.02, h52km, 6km,
Error ellip: s-maj=5.5km s-min=2.9km az=153.8

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

ISCJB 20 20:22:38.1, 0.5, 39.94N, 0.03, 39.14E, 0.03, h2km, 6km,
Error ellip: s-maj=4.4km s-min=4.3km az=136.4
ISK 20 20:22:38.6, 39.93N, 39.24E, h6km, MD2.7
CSEM 20 20:22:38.3, 0.1, 39.96N, 39.14E, h2km, MD2.7, Error
ellip: s-maj=2.9km s-min=2.8km az=168.0

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

ISC 20 20:22:38.3, 0.9, 39.96N, 0.02, 39.14E, 0.02, h14km, 8km,
n27, c074/42, Turkey

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

SJA 20 19:51:23.1, 0.35, 56S, 72.80W, h33km, ML3.8, MW3.3
ISCJB 20 19:51:38.8, 0.9, 34.91S, 0.05, 71.87W, 0.09, h42km, 6km,
Error ellip: s-maj=12.7km s-min=7.2km az=14.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like U65B, U65B, U65B, etc.

JMA 20 20:36:53.8, 0.1, 24.23N, 121.75E, h60km, 1km, M2.7
ISCJB 20 20:36:55.3, 0.4, 24.26N, 121.74E, 0.02, h52km, 6km,
Error ellip: s-maj=5.5km s-min=2.9km az=153.8

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

TAP 20 20:36:55.9, 24.30N, 121.77E, h46km, ML3.1, D
ISC 20 20:36:55.8, 1.2, 24.26N, 121.73E, 0.03, h47km, 6km,
n42, c084/63, 2C-2D, Taiwan

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

JMA 20 20:36:53.8, 0.1, 24.23N, 121.75E, h60km, 1km, M2.7
ISCJB 20 20:36:55.3, 0.4, 24.26N, 121.74E, 0.02, h52km, 6km,
Error ellip: s-maj=5.5km s-min=2.9km az=153.8

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

TAP 20 20:36:55.9, 24.30N, 121.77E, h46km, ML3.1, D
ISC 20 20:36:55.8, 1.2, 24.26N, 121.73E, 0.03, h47km, 6km,
n42, c084/63, 2C-2D, Taiwan

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

JMA 20 20:36:53.8, 0.1, 24.23N, 121.75E, h60km, 1km, M2.7
ISCJB 20 20:36:55.3, 0.4, 24.26N, 121.74E, 0.02, h52km, 6km,
Error ellip: s-maj=5.5km s-min=2.9km az=153.8

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

TAP 20 20:36:55.9, 24.30N, 121.77E, h46km, ML3.1, D
ISC 20 20:36:55.8, 1.2, 24.26N, 121.73E, 0.03, h47km, 6km,
n42, c084/63, 2C-2D, Taiwan

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

ISCJB 20 20:22:38.1, 0.5, 39.94N, 0.03, 39.14E, 0.03, h2km, 6km,
Error ellip: s-maj=4.4km s-min=4.3km az=136.4
ISK 20 20:22:38.6, 39.93N, 39.24E, h6km, MD2.7
CSEM 20 20:22:38.3, 0.1, 39.96N, 39.14E, h2km, MD2.7, Error
ellip: s-maj=2.9km s-min=2.8km az=168.0

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

ISC 20 20:22:38.3, 0.9, 39.96N, 0.02, 39.14E, 0.02, h14km, 8km,
n27, c074/42, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like U65B, U65B, U65B, etc.

JMA 20 20:36:53.8, 0.1, 24.23N, 121.75E, h60km, 1km, M2.7
ISCJB 20 20:36:55.3, 0.4, 24.26N, 121.74E, 0.02, h52km, 6km,
Error ellip: s-maj=5.5km s-min=2.9km az=153.8

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

TAP 20 20:36:55.9, 24.30N, 121.77E, h46km, ML3.1, D
ISC 20 20:36:55.8, 1.2, 24.26N, 121.73E, 0.03, h47km, 6km,
n42, c084/63, 2C-2D, Taiwan

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

JMA 20 20:36:53.8, 0.1, 24.23N, 121.75E, h60km, 1km, M2.7
ISCJB 20 20:36:55.3, 0.4, 24.26N, 121.74E, 0.02, h52km, 6km,
Error ellip: s-maj=5.5km s-min=2.9km az=153.8

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

TAP 20 20:36:55.9, 24.30N, 121.77E, h46km, ML3.1, D
ISC 20 20:36:55.8, 1.2, 24.26N, 121.73E, 0.03, h47km, 6km,
n42, c084/63, 2C-2D, Taiwan

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

JMA 20 20:36:53.8, 0.1, 24.23N, 121.75E, h60km, 1km, M2.7
ISCJB 20 20:36:55.3, 0.4, 24.26N, 121.74E, 0.02, h52km, 6km,
Error ellip: s-maj=5.5km s-min=2.9km az=153.8

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

TAP 20 20:36:55.9, 24.30N, 121.77E, h46km, ML3.1, D
ISC 20 20:36:55.8, 1.2, 24.26N, 121.73E, 0.03, h47km, 6km,
n42, c084/63, 2C-2D, Taiwan

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

JMA 20 20:36:53.8, 0.1, 24.23N, 121.75E, h60km, 1km, M2.7
ISCJB 20 20:36:55.3, 0.4, 24.26N, 121.74E, 0.02, h52km, 6km,
Error ellip: s-maj=5.5km s-min=2.9km az=153.8

LEGS		eSg	Sn	21 11 33.1	+0.5
LEGS	Legarje	1.23 222	Pg	21 11 15.4	-0.5
LEGS		eSg	Sn	21 11 33.1	+0.5
PK9S	Tamasai	1.26 102f	ePn	21 11 15.8	-0.8
PK9S		eSn	Sn	21 11 36.3	+2.8
Tamasai		eSg	Sn	21 11 36.3	+2.8
CRES	Cresnjev	1.27 215	Pg	21 11 15.9	-0.5
CRES		eSg	Sg	21 11 33.5	+0.3
CRES	comp=Z,17nm,0.3s				
CRES	Cresnjev	1.27 215	Pg	21 11 15.9	-0.5
CRES		eSg	Sn	21 11 33.5	+0.3
CSKAK	Cs'kakko	1.31 67f	eSn	21 11 31.5	-2.7
PKDS	Podkum	1.31 232	Pg	21 11 17.0	-0.1
PKDS		eSg	Sg	21 11 35.0	+0.3
PKDS	comp=Z,26nm,0.2s				
PKDS	Podkum	1.31 232	Pg	21 11 17.0	-0.1
PKDS		eSg	Sn	21 11 35.0	+0.3
OBKA	Obir	1.38 256f	ePn	21 11 17.9	-0.2
OBKA		eSn	Sb	21 11 36.9	+0.4
OBKA	Obir	1.38 256	Pn	21 11 17.9	-0.2
OBKA		eSn	Sb	21 11 36.9	+0.4
VND5	Vrh nad Dolsci	1.46 239	Pg	21 11 19.0	0.0
MOZS	Mozjanca	1.52 249	iPn	21 11 20.1	+0.1
MOZS	Mozjanca	1.52 249	iPn	21 11 20.1	+0.1
VISS	Visnje	1.56 228	iPn	21 11 20.3	-0.2
VISS		eSn	Sb	21 11 42.2	+0.6
VISS	Visnje	1.56 228	iPn	21 11 20.3	-0.2
VISS		eSn	Sb	21 11 42.1	+0.6
PKSM	Moragy	1.62 113f	ePn	21 11 20.2	-1.1
PKSM		eSn	Sn	21 11 39.9	-2.5
PKSM	Moragy	1.62 113f	ePn	21 11 20.2	-1.1
PKSM		eSn	Sn	21 11 39.9	-2.5
CRNS	Crnj Vrh	1.73 244	iPn	21 11 23.1	+0.2
GORS	Gorjuse	1.81 253	iPn	21 11 24.1	+0.2
GORS	Gorjuse	1.81 253	iPn	21 11 24.2	+0.2
CEY	Cerknica	1.82 232	iPn	21 11 24.4	+0.3
CEY	Cerknica	1.82 232	iPn	21 11 24.4	+0.3
PKS2	Kececl	1.91 100	eSn	21 11 58.0	+0.0
VOJS	Vojsko	1.99 246	iPn	21 11 26.2	-0.2
VOJS	Vojsko	1.99 246	iPn	21 11 26.2	-0.2
CADS	Cadrg	2.00 252	ePn	21 11 26.6	+0.2
CADS		eSg	Sn	21 11 26.6	+0.2
VRAC	Vranov	2.44 2	ePn	21 11 33.0	+0.4
VRAC		eSn	Sn	21 12 01.2	-1.4
PSZ	Piszkesteto	2.54 64	ePn	21 11 34.5	+0.5
PSZ		eSn	Sn	21 12 05.9	+0.8
PSZ	Piszkesteto	2.54 64	ePn	21 11 34.5	+0.5
PSZ		eSn	Sn	21 12 05.9	+0.8
KHC	Kasperske Hory	2.99 320	ePn	21 11 42.4	+2.2
KHC		eSg	x	21 11 46.5	
KHC		eSg	x	21 12 09.0	
KHC		eSg	Sg	21 12 27.3	-1.3
KHC	comp=Z,2.2nm,0.4s				
KHC	Kasperske Hory	2.99 320	ePn	21 11 42.4	+2.2
KHC		eSg	Sg	21 12 27.3	-1.3
MORC	Moravsky Berou	2.99 13	ePn	21 11 40.9	+0.7
MORC		eSn	Sn	21 12 15.7	-0.6
KRLC	Kralicky	3.21 3	ePn	21 11 45.1	+1.8
KRLC		eSn	Sn	21 12 20.6	-1.1
KRLC	Kralicky	3.21 3	ePn	21 11 45.1	+1.8
KRLC		eSn	Sn	21 12 20.6	-1.1
PRU	Pruhonice	3.38 338	ePn	21 11 47.3	+2.4
PRU		eSg	Sg	21 12 38.7	-2.4
PRU	comp=Z,4.9nm,0.5s				
PRU	Pruhonice	3.38 338	ePn	21 11 47.3	+1.8
PRU		eSg	Sg	21 12 38.7	-2.4
DPC	Dobruska-Polom	3.49 358	ePn	21 11 49.2	+2.2
DPC		eSg	Sg	21 12 42.1	-2.4
DPC	comp=Z,3.4nm,0.5s				
DPC	Dobruska-Polom	3.49 358	ePn	21 11 49.2	+2.2
DPC		eSg	Sg	21 12 42.1	-2.4
NKC	Novy Kostel	4.31 323	eSg	21 13 10.4	-0.3
NKC	Novy Kostel	4.31 323	eSg	21 13 10.4	-0.3
BRG	Berglesshubel	4.35 338	eSg	21 13 13.8	+1.8
BRG		eSg	Sg	21 13 13.8	+1.8
CLL	Collim	5.00 334	ePn	21 12 09.0	+1.3
CLL		eSg	Sg	21 13 36.0	+3.1

ALN	Alexandroupoli	1.31 188	P	21 13 32.0	+0.5
ALN		eSn	Sn	21 13 51.1	+1.9
ENEZ	Enez	1.46 184	ePn	21 13 36.4	+1.8
ENEZ		eSn	Pg	21 13 36.4	+1.8
ERIK	Erikil-Kesan	1.56 173	ePn	21 13 37.2	+1.2
ERIK		eSn	Pg	21 13 37.2	+1.2
ZIMR	Zimri-Kesan	1.61 336f	iPn	21 13 37.6	+0.1
ZIMR		eSg	Sg	21 13 59.5	+1.1
RKY	Sarkoy-Tekirda	1.65 156	ePn	21 13 38.2	0.0
RKY		eSn	Pg	21 13 38.2	0.0
CTYL	Yal'??k??y??tat	1.67 115	ePn	21 13 38.9	+0.3
CTYL		eSn	Pb	21 13 41.9	-0.3
KAVA	Kavala	1.78 229	P	21 13 38.9	+0.9
KAVA		ePn	Pn	21 13 38.9	+0.9
SMTH	Samothraki Isl	1.81 198	P	21 13 39.4	+1.0
SMTH		ePn	Pn	21 13 39.4	+1.0
LPK	Lapseki	1.85 169	ePn	21 13 41.9	-0.3
LPK		eSn	Pb	21 13 41.9	-0.3
MRMT	Marmara Adasi	1.87 148	ePn	21 13 41.6	+0.3
MRMT		eSn	Pb	21 13 41.6	+0.3
CTKS	Kestaneik-??a	1.92 119	ePn	21 13 42.3	+0.2
CTKS		eSn	Pb	21 13 42.3	+0.2
NVR	Neurokopi	2.02 246	S	21 13 41.4	+0.4
NVR		ePn	Sb	21 14 08.2	-0.3
NVR	Neurokopi	2.00 246	S	21 13 41.4	+0.4
NVR		ePn	Sb	21 14 08.2	-0.3
NVR	Neurokopi	2.00 246	S	21 13 41.4	+0.4
NVR		ePn	Sb	21 14 08.2	-0.3
MMB	Musomiste	2.00 253	iPn	21 13 44.1	+0.7
MMB		eSn	Pb	21 13 44.1	+0.7
GAD	Givgeada	2.02 188	ePn	21 13 45.0	-0.4
GAD		eSn	Pg	21 13 45.0	-0.4
EDC	Edinicik	2.20 147	ePn	21 13 45.9	-0.9
EDC		eSn	Pb	21 13 45.9	-0.9
MSAB	Monastery St. A	2.21 30f	iPn	21 13 47.7	+0.7
MSAB		eSn	Pb	21 13 47.7	+0.7
MSAB	Monastery St. A	2.21 30f	iPn	21 13 47.7	+0.7
MSAB		eSn	Pb	21 13 47.7	+0.7
BNT	Bandirma	2.21 145	ePn	21 13 46.6	-0.5
BNT		eSn	Pb	21 13 46.6	-0.5
BNT	Bandirma	2.21 145	ePn	21 13 46.6	-0.5
BNT		eSn	Pb	21 13 46.6	-0.5
KLTY	Kilyos	2.27 114	ePn	21 13 47.9	-0.2
KLTY		eSn	Pb	21 13 47.9	-0.2
SRS	Serrai	2.28 243	P	21 13 45.4	+0.5
SRS		ePn	Pn	21 13 45.4	+0.5
VTS	Vitosha	2.31 281f	iPn	21 13 45.9	+0.5
VTS		eSn	Sn	21 14 13.9	-0.3
VTS	Vitosha	2.31 281	P	21 13 45.9	+0.5
VTS		eSn	Sn	21 14 13.9	-0.3
VTS	Vitosha	2.31 281	P	21 13 45.9	+0.5
VTS		eSn	Sn	21 14 13.9	-0.3
MANR	Mangalia	2.34 45	S	21 14 15.2	+1.0
MANR		eSg	Sg	21 14 23.4	+1.4
EZN	Ezine	2.37 179	ePn	21 13 48.9	-0.8
EZN		eSn	Pb	21 13 48.9	-0.8
ISK	Istanbul-Kandi	2.37 117	ePn	21 13 48.9	-0.8
ISK		eSn	Pb	21 13 48.9	-0.8
ISK	Istanbul-Kandi	2.37 117	ePn	21 13 48.9	-0.8
ISK		eSn	Pb	21 13 48.9	-0.8
ISK	Istanbul-Kandi	2.37 117	ePn	21 13 48.9	-0.8
ISK		eSn	Pb	21 13 48.9	-0.8
ISK	Istanbul-Kandi	2.37 117	ePn	21 13 48.9	-0.8
ISK		eSn	Pb	21 13 48.9	-0.8
LIA	Limnos Island	2.44 200	P	21 13 48.0	-1.0
LIA		ePn	Sb	21 14 19.7	-1.5
LIA	Limnos Island	2.44 200	P	21 13 48.0	-1.0
LIA		ePn	Sb	21 14 19.7	-1.5
KCTX	Karacabey (Bur	2.48 140	ePn	21 13 48.8	-0.7
KCTX		eSn	Pb	21 13 48.8	-0.7
KCTX	Karacabey (Bur	2.48 140	ePn	21 13 48.8	-0.7
KCTX		eSn	Pb	21 13 48.8	-0.7
SULR	Sulra	2.48 360f	iPn	21 13 53.8	-0.4
SULR		eSn	Pg	21 14 34.8	+8.4
SULR	Sulra	2.48 360	S	21 13 53.8	-0.4
SULR		eSn	Pg	21 13 53.8	-0.4
HUMR	Humele	2.52 338f	iPn	21 13 54.5	-0.4
HUMR		eSn	Pb	21 13 54.5	-0.4
ARMT	Armutlu	2.53 129	ePn	21 13 50.9	-1.7
ARMT		eSn	Pb	21 13 50.9	-1.7
ARMT	Armutlu	2.53 129	ePn	21 13 50.9	-1.7
ARMT		eSn	Pb	21 13 50.9	-1.7
AMRR	Amara	2.54 17	S	21 14 28.7	+0.6
AMRR		ePn	Pb	21 13 54.1	-1.2
OUR	Ouranopolis	2.54 224	ePn	21 13 48.0	+0.6
OUR		eSn	Pb	21 13 48.0	+0.6
OUR	Ouranopolis	2.54 224	ePn	21 13 48.0	+0.6
OUR		eSn	Pb	21 13 48.0	+0.6
TLB	Topalu	2.71 28f	iPn	21 13 54.1	-1.5
TLB		eSn	Pb	21 13 54.1	-1.5
TLB	Topalu	2.71 28	S	21 13 54.1	-1.5
TLB		eSn	Pb	21 13 54.1	-1.5
SILT	Sile	2.73 11f	ePn	21 13 54.1	-1.1
SILT		eSn	Pb	21 13 54.1	-1.1
KND	Kendrikon	2.73 211	ePn	21 13 51.4	+0.4
KND		eSn	Pb	21 13 51.4	+0.4
KND	Kendrikon	2.73 211	ePn	21 13 51.4	+0.4
KND		eSn	Pb	21 13 51.4	+0.4
TIRR	Tirgusor	2.75 34f	iPn	21 13 54.2	-2.0
TIRR		eSn	Pb	21 13 54.2	-2.0
TIRR	Tirgusor	2.75 34	S	21 13 54.2	-2.0
TIRR		eSn	Pb	21 13 54.2	-2.0
TIRR	Tirgusor	2.75 34f	iPn	21 13 54.2	-2.0
TIRR		eSn	Pb	21 13 54.2	-2.0
HARR	Harsova	2.77 25f	iPn	21 13 57.1	+0.5
HARR		eSn	Pb	21 13 57.1	+0.5
HARR	Harsova	2.77 25f	iPn	21 13 57.1	+0.5
HARR		eSn	Pb	21 13 57.1	+0.5
GOLR	Golra	2.81 341	iPn	21 13 57.9	+0.6
GOLR		eSn	Pb	21 14 14.9	+4.9
GOLR	Golra	2.81 341	iPn	21 13 57.9	+0.6
GOLR		eSn	Pb	21 14 14.9	+4.9
BALB	Balikesir	2.83 154	ePn	21 13 55.9	-1.6
BALB		eSn	Pb	21 13 55.9	-1.6
BALB	Balikesir	2.83 154	ePn	21 13 55.9	-1.6
BALB		eSn	Pb	21 13 55.9	-1.6
HRT	Hereke	2.89 117	ePn	21 13 56.7	-2.0
HRT		eSn	Pb	21 13 56.7	-2.0
HRT	Hereke	2.89 117	ePn	21 13 56.7	-2.0
HRT		eSn	Pb	21 13 56.7	-2.0
ZAPS	Zavoj	2.89 293	ePn	21 13 54.6	+1.3
ZAPS		eSn	Pb	21 13 54.6	+1.3
ZAPS	Zavoj	2.89 293	ePn	21 13 54.6	+1.3
ZAPS		eSn	Pb	21 13 54.6	+1.3
VAY	Valandovo	2.91 254	iPn	21 13 59.0	+0.3
VAY		eSn	Sn	21 14 38.8	-1.3
VAY	Valandovo	2.91 254	ePn	21 13 54.1	+0.6
VAY		eSn	Sn	21 13 58.0	+0.3
ISR	Istrita	2.93 4	S	21 14 50.7	+1.0
ISR		ePn	Pb	21 14 50.7	+1.0
PRK	Paraskevi	2.94 100	S	21 14 32.5	+2.9
PRK		ePn	Pb	21 13 55.2	+1.2
PRK	Paraskevi	2.94 100	S	21 14 32.5	+2.9
PRK		ePn	Pb	21 13 55.2	+1.2
SIGR	Sigr	3.00 186	P	21 13 55.9	+1.2
SIGR		eSn	Sn	21 14 32.8	+1.2
SIGR	Sigr	3.00 186	P	21 13 55.9	+1.2
SIGR		eSn	Sn	21 14 32.8	+1.2
SIGR	Sigr	3.00 186	P	21 13 55.9	+1.2

ms1mx2.9/14, Error ellipse: s-maj=90.9km s-min=36.4km az=103.0, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Villa Florida, Mawson, Vanda, Torodi Ar. Bea, ILAR Eielson Array, SONMI Songino Array.

IDC 20 23:54:09.3+1.2, 6:48S, 153.84E, h0km, mb3.8/10, mb1.4/1.0, mb1mx3.9/30, mbtmp3.8/10, MS3.1/2, MS1.3/1.2, ms1mx2.6/36, Error ellipse: s-maj=42.8km s-min=22.1km az=122.0

ISCJB 20 23:54:14.7+0.7, 6:45S, 0.1x153.8E, 0.1x148km, mb3.8/11, MS3.1/1, Error ellipse: s-maj=16.8km s-min=13.6km az=37.2

NEIC 20 23:54:22.0+2.1, 6:58S, 153.75E, h101km, 18km, mb4.2/3, Error ellipse: s-maj=15.5km s-min=13.7km az=205.0

ISC 20 23:54:16.1+0.8, 6:65S, 0.1x153.8E, 0.1x148km, n17, c071/16, mb3.9/11, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Port Moresby, PMG, CTAO Charters Tower, DZM Mont Dzumac, WRAB Tennant Creek, WRA Warramunga Arr, ASAR Alice Springs, SOEI Soe, FITZ Fitzroy Crossi, MNAI Manna, CMAR Chiang Mai Arr, SONMI Songino Array, MKAR Makanchi Array, ZALV Zalesovo Beam, ILAR Eielson Array, MAW Mawson, NVAR Mina Array Bea, TOROD Torodi Ar. Bea.

ISCJB 21 00:04:10.4+0.7, 6:85S, 0.1x154.28E, 0.0x148km, mb3.8/12, Error ellipse: s-maj=16.8km s-min=10.4km az=160.2

IDC 21 00:04:10.9+0.9, 6:69S, 154.22E, h38km, 6km, mb3.7/10, mb1.3/9/12, mb1mx3.7/41, mbtmp4.0/12, MLJ2.7, MS3.1/1, MS1.3/1.1, ms1mx2.5/31, Error ellipse: s-maj=25.2km s-min=17.9km az=100.0

ISC 21 00:04:11.3+0.8, 6:75S, 0.1x154.3E, 0.1x148km, n16, c14/18, mb3.9/12, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Port Moresby, PMG, CTAO Charters Tower, DZM Mont Dzumac, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, FITZ Fitzroy Crossi, KRSR Korea Array, SONMI Songino Array, MKAR Makanchi Array, QSPA South Pole Qui, ILAR Eielson Array, ZALV Zalesovo Beam, MAW Mawson, NVAR Mina Array Bea, TOROD Torodi Ar. Bea.

IDC 21 00:08:05.8+1.2, 12:62N, 143.59E, h0km, mb4.1/4, mb1.4/4.4, mb1mx3.6/45, mbtmp4.1/4, MS3.1/5, MS1.3/2/5, ms1mx2.8/40, Error ellipse: s-maj=55.5km s-min=20.6km az=121.0

ISCJB 21 00:08:07.9+0.7, 12:5N, 0.1x143.9E, 0.2x148km, mb4.1/7, MS3.1/5, Error ellipse: s-maj=26.4km s-min=8.0km az=33.9

NEIC 21 00:08:07.2+0.7, 12:52N, 143.77E, h10km, mb4.2/3, Error ellipse: s-maj=26.6km s-min=12.3km az=120.0

ISC 21 00:08:09.4+0.8, 12.5N, 0.1x143.9E, 0.2x148km, n21, c142/12, mb4.2/7, MS3.1/5, South of Mariana Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Guam, H1S3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1N2 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, MJAR Matsushiro Arr.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like COEN Coen, KAPI Kappang, BATI Baunata, CTAO Charters Tower, WRAB Tennant Creek, WRA Warramunga Arr, ASAR Alice Springs, DZM Mont Dzumac, PETK Petropavlovsk, CMAR Chiang Mai Arr, NVAR Mina Array Bea, FINES FINESS Array B, SNAAS Sanae.

IDC 21 00:08:54.3+3.6, 6:41S, 154.00E, h0km, mb3.5/3, mb1.3/7/3, mb1mx3.4/39, mbtmp3.5/3, Error ellipse: s-maj=129.6km s-min=36.3km az=115.0, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, TOROD Torodi Ar. Bea.

IDC 21 00:47:18.1+3.2, 15:00S, 74.27W, h0km, mb3.8/2, mb1.4/0.2, mb1mx3.6/25, mbtmp3.8/2, Error ellipse: s-maj=152.6km s-min=43.6km az=22.0

NEIC 21 00:47:36.6+0.8, 14:46S, 74.17W, h135km, 8km, mb4.0/5, Error ellipse: s-maj=14.0km s-min=8.5km az=46.0

ISC 21 00:47:31.0+1.7, 14:6S, 0.3x74.2W, 0.2, h91km, n14, c044/12, mb4.1/5, Central Peru region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NNA Nana, LVL Limon Verde, SMC Samuel, OTAV Otavalo, SDV Santo Domingo, GRGR Grenville, WWT Waverly, TXAR Lajitas Array, LAZ Ladron, DUG Dugway, TOROD Torodi Ar. Bea, ZALV Zalesovo Beam, KRSR Korea Array, KSAR Wonju Array Bea.

IDC 21 00:54:12.5+0.4, 53:57N, 162:99E, h0km, mb4.8/36, mb1.4/9/38, mb1mx4.8/53, mbtmp4.8/38, ML3.8/2, MS4.2/32, MS1.4/32, ms1mx4.2/49, Error ellipse: s-maj=11.8km s-min=9.8km az=133.0

KRSC 21 00:54:15.9+1.8, 53:61N, 162:94E, h83km, 32km, ML5.6

ISCJB 21 00:54:16.3+0.1, 53:55N, 0.02x163.04E, 0.02x163km, mb5.1/282, MS4.3/42, Error ellipse: s-maj=2.9km s-min=1.4km az=166.2

BJI 21 00:54:18.4, 53:85N, 162:49E, h41km, mb5.0/55, mb4.9/39, MS4.9/56, MS7.4/452

MOS 21 00:54:18.0+1.0, 53:62N, 162:91E, h55km, 5km, 6/84, MS4.3/19, Error ellipse: s-maj=5.4km s-min=4.2km az=93.2

GCMT 21 00:54:18.4+0.2, 53:51N, 163:07E, h42km, 1km, MW5.2/84, Moment Tensor Solution: s74, c112; s84, c142; Duration: 0 Moment tensor: Scale 10^19Nm; Mir-1.71e-17; Mw2.14e-15; Mw0.43e-15; Mw2.50e-16; Mw0.63e-12; Mw1.57e-14; Best double couple: M7.24900e16

NP1: 268.00000; 875.00000; -1.155.00000; NP2: 0.171.00000; 866.00000; -A-1.16.00000; Principal axes: T 7.4160, P16.0000, Azm38.0000; N -0.3400, P16.0000, Azm296.0000; P -7.0810, P16.0000, Azm131.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 21 00:54:18.4+0.5, 53:58N, 162:94E, h38km, 5km, mb5.2/173, Error ellipse: s-maj=4.9km s-min=2.3km az=166.0

SZGRF 21 00:54:31.6, 54:94N, 161:45E, h33km, mb5.3, MS4.5, Near east coast of Kamchatka Peninsula, Russia

ISC 21 00:54:18.1+0.2, 53:56N, 0.03x162.98E, 0.02x163km, n14, c142/12, mb4.2/7, MS3.1/5, South of Mariana Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MKZ Mys Kozlova, SPN Mys Shupinski, KIL Karymskiy, KZV Kazimen, NLC Nalychchevo, TUMR Tumrok, BKI Bering, SDLR Sedlovina, UGLR Uglovaya, SMAR Somma, KRSR Koryakskii, AVH Avacha, KRX Arik, KOK Koryaka, KOK Koryaka, KBTB Krutoberegovo, KPTR Krutoberegovo, PETK Petropavlovsk, AVH Avacha, KRX Arik, KOK Koryaka, KBTB Krutoberegovo, KPTR Krutoberegovo, PETK Petropavlovsk, PET Erimo, AVH Avacha, KRX Arik, KOK Koryaka, KBTB Krutoberegovo, KPTR Krutoberegovo, PETK Petropavlovsk, ERM Erimo, ERM Erimo.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PET comp=N,22um,3.0s, PET comp=E,16um,1.3s, PET comp=E,21um,1.8s, PET comp=E,11um,0.7s, PET comp=N,11um,0.7s, PET comp=Z,8um,19.0s, PET comp=Z,6um,16.0s, PET Petropavlovsk, KMG Krutoberegovo, KMRN Kamenshtaya, KMRN Kamenshtaya, ZLN Zelena, ZLN Zelena, BZWR Bezymyanni-We, KIRN Kirin, LGNR Loginova, LGNR Loginova, RUS Russkaya, GNL Ganaly, GNL Ganaly, KLY Klyuchi, KYZ Kyzrevsk, KOZ Kozrevsk, MTRV Mutnovka, GRL Gorelyy, GRL Gorelyy, SMKR Semkarok, BDR Baidarnaya, I44RU Petropavlovsk-3.19, I44RU Sorokina, PEA0 Petropavlovsk, PETK Petropavlovsk, PETK comp=Z,141nm,0.3s,baz=80,slow=22,SNR=11, SRKR Sorokina, SRKR Sorokina, ASAK Asacha, ASAK Asacha, SDRD Sredinnyy, SDRD Sredinnyy, ESO Esso, ESO Esso, APC Apacha, APC Apacha, MIPR Malaya Ipel'ka, PAU Pauzhetka, PAU Pauzhetka, PAU Pauzhetka, SKR Severo-Kuril's, SKR Severo-Kuril's, SKR comp=N,310nm,0.5s, SKR comp=E,690nm,0.5s, SKR comp=Z,1um,0.5s, SKR comp=N,3um,12.0s, SKR comp=E,3um,12.0s, SKR comp=Z,3um,12.0s, OSSR Oссора, SMY Shemya, SMY Shemya, TILK Tilichiki, TILK Tilichiki, MA2 Magadan, SEY Seychan, TYV Tymovskoe, TYV Tymovskoe, TYV comp=Z,2um,16.0s, GSTR Great Sitkin T, KUR Kuril'sk, KUR comp=N,38nm,0.7s, KUR comp=E,41nm,0.7s, KUR comp=Z,115nm,0.7s, KUR comp=N,693nm,16.0s, KUR comp=E,296nm,16.0s, KUR comp=Z,453nm,16.0s, NKL Nikolayevsk, NKL Nikolayevsk, NKL comp=E,43nm,1.0s, NKL comp=Z,70nm,1.0s, NKL comp=Z,50um,5.0s, NKL comp=N,500nm,13.0s, NKL comp=N,2um,15.0s, NKL comp=Z,1um,15.0s, UGL Uglegorsk, ATKA Atka Island, YSZ Yuzh-Sakhalins, YSZ Yuzh-Sakhalins, YSZ comp=Z,250nm,1.0s, YSZ comp=E,800nm,15.0s, YSZ comp=Z,1um,15.0s, YSZ comp=N,1um,14.0s, YSZ Yuzh-Sakhalins, SPIA Saint Paul Isl, ASAJ Asahikawa, ASAJ Asahikawa, GAMB Gambel, NIKH Nikolskiy Hill, ERM Erimo, ERM Erimo, ERM Erimo.

UNV	comp=Z,101nm,0.7s	18.00	77	ePn	P	00 58 26.9 +1.4
HABR	Unalaska Valle	18.23	265	eS	P	01 01 27.7 -2.3
HABR	Khabarovsk			eP	Sn	00 58 45.9 -2.4
HABR	comp=E,70nm,1.4s			pmx	pmx	
HABR	comp=Z,76nm,1.4s			pmx	pmx	
HABR	comp=N,19nm,1.4s			MLR	MLR	
TNA	comp=Z,460nm,17.0s	18.79	39	eP	Pn	00 58 35.6 +0.9
TNA	Tin City			eP	P	00 58 38.5 -2.9
YAK	comp=Z,337nm,1.2s	19.46	309	P	P	01 02 11.7 -7.5
YAK	Yakutsk			eS	S	01 06 42.8
YAK	comp=Z,0.0nm,0.3s,baz=278,slow=22,SNR=10			eS	S	00 58 37.2 -4.2
YAK	comp=Z,0.0nm,0.3s,baz=122,slow=19,SNR=4.3			LR	LR	01 02 11.5 -7.7
YAK	comp=Z,576nm,20.8s,baz=110,slow=39			eP	P	00 58 37.2 -4.2
YAK	Yakutsk	19.46	309	eP	S	01 02 11.5 -7.7
YAK	comp=Z,95nm,1.0s			eS	PMZ	
YAK	comp=E,33nm,1.0s			pmx	pmx	
YAK	comp=N,19nm,1.3s			pmx	pmx	
YAK	comp=N,66nm,1.7s			smx	smx	
YAK	comp=E,60nm,1.6s			smx	smx	
YAK	comp=Z,986nm,17.0s			MLR	MLR	
YAK	comp=E,629nm,16.0s			MLR	MLR	
YAK	comp=N,211nm,12.0s			MLR	MLR	
YAK	Yakutsk	19.46	309	eP	P	00 58 38.5 -2.9
YAK	comp=N,92nm,0.7s			eS	S	01 02 11.7 -7.5
YAK	FALS	19.59	73	eP	P	00 58 43.8 +1.0
YAK	False Pass			eP	P	00 58 41.0 +1.0
YAK	comp=N,107nm,0.7s			eP	P	00 58 41.0 +1.0
KLR	Kul'dur	19.87	270	eP	P	00 58 41.0 +1.0
KLR	comp=E,1um,17.0s			eS	MLR	
CLNS	Chul'man	21.79	294	eP	P	00 59 04.3 -2.4
CLNS	comp=Z,496nm,13.0s			eP	PPP	
CLNS	comp=Z,210nm,1.1s			ePPP	PPP	
CLNS	comp=Z,496nm,13.0s			eS	SS	
CLNS	comp=Z,210nm,1.1s			eS	SS	
CLNS	comp=Z,496nm,13.0s			pmx	pmx	
USRK	Ussuriysk Ar.	22.27	258	P	P	00 59 10.1 -1.8
USRK	comp=Z,14nm,0.7s,baz=60,slow=12,SNR=18			LR	LR	01 08 38.5
USRK	comp=Z,890nm,18.0s,baz=49,slow=39			LR	LR	01 08 38.5
VLA	Vladivostok	22.98	256	iP	P	00 59 20.9 +1.5
VLA	comp=Z,890nm,18.0s,baz=49,slow=39			e	e	
VLA	comp=Z,890nm,18.0s,baz=49,slow=39			eS	S	
VLA	comp=Z,890nm,18.0s,baz=49,slow=39			eS	S	
VLA	comp=Z,890nm,18.0s,baz=49,slow=39			pmx	pmx	
MDJ	Mudanjiang	23.44	261	P	P	00 59 21.8 -2.1
MDJ	comp=Z,31nm,0.9s			pP	pP	
MDJ	comp=Z,31nm,0.9s			pP	pP	
MDJ	comp=Z,31nm,0.9s			sP	sP	
MDJ	comp=Z,31nm,0.9s			sP	sP	
MDJ	comp=Z,31nm,0.9s			ScS	ScS	
MDJ	comp=Z,31nm,0.9s			PMZ	PMZ	
MDJ	comp=Z,32nm,0.9s			PMZ	PMZ	
MDJ	comp=Z,32nm,5.9s			LN	LN	
MDJ	comp=Z,1um,35.2s			LE	LE	
MDJ	comp=Z,710nm,29.3s			LZ	LZ	
MDJ	comp=Z,660nm,26.4s			LZ	LZ	
MDJ	Mudanjiang	23.44	261	P	P	00 59 21.8 -2.1
MAJO	comp=Z,31nm,0.9s			P	P	00 59 31.4 +0.1
MAJO	Matsushiro	24.22	235	eP	P	00 59 31.7 +0.4
MAJO	Matsushiro	24.22	235	eP	P	00 59 31.7 +0.4
MAT	comp=Z,654nm,1.7s			P	P	00 59 31.6 +0.3
MAT	Matsushiro	24.22	235	P	S	01 03 46.4 -0.9
MAT	comp=Z,654nm,1.7s			P	S	00 59 32.2 +0.9
MJAR	Matsushiro Arr	24.22	235	P	P	00 59 32.2 +0.9
MJAR	comp=Z,57nm,0.8s,baz=38,slow=9.5,SNR=138			P	P	00 59 32.2 +0.9
SII	Sitkinak Islan	24.42	66	eP	P	00 59 32.4 -0.6
SII	comp=Z,132nm,0.9s			eP	P	00 59 32.3 -1.0
IM04	Indian Mountai	24.47	43	eP	P	00 59 35.3 -0.1
RSO	Redoubt South	24.66	56	eP	P	00 59 37.2 0.0
RSO	comp=Z,422nm,0.9s			eP	P	00 59 37.6 -0.1
PPLA	Purkeypile	24.87	50	eP	P	00 59 37.6 -0.1
PPLA	comp=Z,267nm,1.3s			eP	P	00 59 37.6 -0.1
CAST	Castle Rocks	24.94	49	eP	P	00 59 38.0 +0.1
CAST	comp=Z,44nm,0.8s			eP	P	00 59 37.5 -1.2
SPU	Mount Spurr	24.96	54	eP	P	00 59 37.5 -1.2
SPU	comp=Z,44nm,0.8s			eP	P	00 59 37.5 -1.2
KDAK	Kodiak Island	25.05	62	P	P	00 59 37.5 -1.2
KDAK	comp=Z,24nm,0.7s,baz=324,slow=3.1,SNR=27			P	P	00 59 37.5 -1.2
KDAK	Kodiak Island	25.05	62	eP	P	00 59 37.5 -1.2
KDAK	comp=Z,68nm,0.6s			pmx	pmx	
KDAK	Kodiak Island	25.05	62	P	P	00 59 37.6 -1.1
KDAK	comp=Z,254nm,0.8s,SNR=7.7			eP	P	00 59 37.5 -1.2
KDAK	Kodiak Island	25.05	62	eP	P	00 59 37.5 -1.2
KDAK	comp=Z,68nm,0.6s			eP	P	00 59 41.8 -0.5
BPAW	Bear Paw Mtn.	25.45	47	eP	P	00 59 41.8 -0.5
BPAW	comp=Z,23nm,1.0s			eP	P	00 59 41.8 -0.5
MLY	Manly	25.62	45	eP	P	00 59 43.0 -0.2
MLY	comp=Z,85nm,1.0s			eP	P	00 59 43.0 -1.1
BRLK	Bradley Lake	25.65	57	eP	P	00 59 44.7 -0.4
BRLK	comp=Z,51nm,1.0s			eP	P	00 59 44.7 -0.4
TRF	Thorofare Moun	25.75	49	eP	P	00 59 47.3 -0.6
TRF	comp=Z,101nm,0.9s			eP	P	00 59 47.3 -0.6
COLD	Coldfoot	26.08	40	eP	P	00 59 46.7 -1.4
COLD	comp=Z,112nm,1.0s			eP	P	00 59 46.7 -1.4
RC01	Rabbit Creek A	26.09	54	eP	P	00 59 50.2 +1.9
RC01	comp=Z,37nm,1.0s			eP	P	00 59 49.3 -0.9
BWN	Browne	26.32	56	eP	P	00 59 49.3 -0.9
BWN	comp=Z,157nm,0.8s			eP	P	00 59 49.5 -0.8
SEW	Seward	26.33	56	eP	P	00 59 49.5 -0.8
SEW	comp=Z,74nm,0.8s			eP	P	00 59 49.5 -0.8
PMR	Palmer	26.34	53	eP	P	00 59 49.5 -0.8
PMR	comp=Z,17nm,0.6s			pmx	pmx	
PMR	Palmer	26.34	53	eP	P	00 59 49.5 -0.8
PMR	comp=Z,17nm,0.6s			eP	P	00 59 50.2 -0.2
MCK	McKinley	26.35	48	eP	P	00 59 50.2 -0.2
MCK	comp=Z,82nm,1.1s			pmx	pmx	
MCK	McKinley	26.35	48	eP	P	00 59 50.2 -0.2
MCK	comp=Z,82nm,1.1s			eP	P	00 59 50.3 -0.3
CN2	Changchun	26.35	264	eP	S	01 00 07.4 +2.6
CN2	comp=Z,82nm,1.1s			eS	S	01 04 17.0 -4.1
CN2	comp=Z,20nm,0.7s			PMZ	PMZ	
CN2	comp=Z,200nm,5.0s			PMZ	PMZ	
CN2	comp=Z,700nm,15.0s			LN	LN	
CN2	comp=Z,500nm,15.0s			LE	LE	
CN2	comp=Z,700nm,15.0s			LZ	LZ	
CN2	comp=Z,500nm,15.0s			LZ	LZ	
RND	Reindeer	26.39	49	eP	P	00 59 49.7 -1.2
RND	comp=Z,600nm,18.0s			pmx	pmx	
RND	Reindeer	26.39	49	eP	P	00 59 49.7 -1.2
RND	comp=Z,73nm,1.0s			pmx	pmx	
RND	Reindeer	26.39	49	eP	P	00 59 56.7 +3.3
RND	Murphy Dome	26.68	45	eP	P	00 59 53.0 -0.7
RND	Sawmill	26.70	53	eP	P	00 59 53.0 -0.7
RND	comp=Z,21nm,0.8s			pmx	pmx	
SML	Sawmill	26.70	53	eP	P	00 59 53.0 -0.7
SML	comp=Z,21nm,0.8s			eP	P	00 59 54.9 +0.2
COLA	College	26.84	46	eP	P	00 59 54.9 +0.2
COLA	comp=Z,173nm,0.9s			pmx	pmx	
COLA	College	26.84	46	eP	P	00 59 54.9 +0.2
COLA	comp=Z,173nm,0.9s			eP	P	00 59 54.9 +0.2
CCB	Clear Creek Bu	26.85	46	eP	P	00 59 54.2 -0.7
CCB	comp=Z,174nm,0.9s			eP	P	00 59 54.2 -0.7

HIA	comp=Z,180nm,1.1s	26.99	279	eP	P	00 59 55.1 -1.2
HIA	Hailar			pmx	pmx	
HIA	comp=Z,54nm,0.9s	26.99	279	eP	P	00 59 55.1 -1.2
HIA	Hailar			pmx	pmx	
SCM	comp=Z,54nm,0.9s	27.18	52	eP	P	00 59 57.3 -0.7
SCM	Sheep Creek Mo			pmx	pmx	
SCM	comp=Z,166nm,0.9s	27.18	52	eP	P	00 59 57.3 -0.7
SCM	Sheep Creek Mo			pmx	pmx	
HDA	Harding Lake	27.22	47	eP	P	00 59 57.4 -0.9
HDA	comp=Z,56nm,1.0s			eP	P	00 59 56.4 -2.0
IL1	Eielson Array	27.25	46	eP	P	00 59 57.3 -1.2
IL1	Eielson Array	27.25	46	eP	P	01 11 54.2
ILAR	comp=Z,19nm,1.0s,baz=262,slow=8.5,SNR=117			LR	LR	
ILAR	comp=Z,568nm,18.5s,baz=274,slow=39			LR	LR	
BOD	Bodaibo	27.44	299	eP	P	00 59 57.0 -3.2
BOD	comp=Z,15nm,0.9s			pmx	pmx	
KLU	Klutina	27.88	53	eP	P	01 00 04.1 -0.1
KLU	comp=Z,68nm,1.1s			eP	P	01 00 02.8 -2.0
PAX	Paxson	27.94	50	eP	P	01 00 02.8 -2.0
PAX	comp=Z,71nm,1.2s			pmx	pmx	
PAX	Paxson	27.94	50	eP	P	01 00 02.8 -2.0
PAX	comp=Z,71nm,1.2s			eP	P	01 00 05.3 +0.4
FAY	Fort Yukon	27.97	42	eP	P	01 00 19.0 +4.1
FAY	comp=Z,71nm,1.2s			eP	P	01 00 05.0 -0.3
FYU	Fort Yukon	28.00	54	eP	P	01 00 07.1 +1.0
FYU	comp=Z,39nm,0.9s			eP	P	01 00 07.2 +1.0
DIV	Divide	28.08	251	P	P	01 00 08.6 +1.1
DIV	comp=Z,39nm,0.9s			P	P	01 00 08.6 +1.1
KSSKC	Sokcho	28.08	251	P	P	01 00 09.1 +1.5
KSSKC	SNR=8.4			P	P	01 00 09.1 +1.5
KSSKC	Sokcho	28.08	251	P	P	01 00 09.1 +1.5
KSSKC	SNR=12			P	P	01 00 10.7 +1.4
KSSKC	Sokcho	28.08	251	P	P	01 00 10.7 +1.4
KSSKC	SNR=12			P	P	01 00 11.3 +1.2
KSSKC	Sokcho	28.08	251	P	P	01 00 11.3 +1.2
KSSKC	SNR=12			P	P	01 00 11.3 +1.2
KSSKC	Sokcho	28.08	251	P	P	01 00 11.3 +1.2
KSSKC	SNR=12			P	P	01 00 10.5 0.0
KSSKC	Sokcho	28.08	251	P	P	01 00 10.5 0.0
KSSKC	SNR=12			P	P	01 00 11.0 0.0
KSSKC	Sokcho	28.08	251	P	P	01 00 11.0 0.0
KSSKC	SNR=12			P	P	01 00 13.7 +2.2
KSSKC	Sokcho	28.08	251	P	P	01 00 13.7 +2.2
KSSKC	SNR=12			P	P	01 00 13.2 +1.7
KSSKC	Sokcho	28.08	251	P	P	01 00 13.2 +1.7
KSSKC	SNR=12			P	P	01 00 13.5 +1.7
KSSKC	Sokcho	28.08	251	P	P	01 00 13.5 +1.7
KSSKC	SNR=12			P	P	01 00 13.4 +1.7
KSSKC	Sokcho	28.08	251	P	P	01 00 13.4 +1.7
KSSKC	SNR=12			P	P	01 00 13.9 +1.5
KSSKC	Sokcho	28.08	251	P	P	01 00 13.9 +1.5
KSSKC	SNR=12			P	P	01 00 13.9 +1.5
KSSKC	Sokcho	28.08	251	P	P	01 00 14.3 +1.4
KSSKC	SNR=12			P	P	01 00 14.3 +1.4
KSSKC	Sokcho	28.08	251	P	P	01 00 14.3 +1.4
KSSKC	SNR=12			P	P	01 00 14.3 +1.4
KSSKC	Sokcho	28.08	251	P	P	01 00 14.3 +1.4
KSSKC	SNR=12			P	P	01 00 14.3 +1.4
KSSKC	Sokcho	28.08	251	P	P	01 00 14.3 +1.4
KSSKC	SNR=12			P	P	01 00 14.3 +1.4
KSSKC	Sokcho	28.08	251	P	P	01 00 14.3 +1.4

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1133	CHTO	Chiang Mai	59.69 261	eP	P	01 04 19.3 +0.3
	GLA	Glamis	59.75 74	eP	P	01 04 20.1 +0.8
	GLA	comp-Z,23nm,1.0s		pmax	pmax	
	GLA	Glamis	59.75 74	P	P	01 04 19.9 +0.6
	GLA	Glamis	59.75 74	eP	P	01 04 20.1 +0.8
	TAPN	Tapelung	59.89 276	eP	P	01 04 20.0 -0.6
	WUAZ	Wupatki	59.92 70	P	P	01 04 21.3 +0.7
	WUAZ	Wupatki	59.92 70	eP	P	01 04 21.3 +0.7
	ISCO	Idaho Springs	59.97 63	eP	P	01 04 22.2 +1.2
	ISCO	comp-Z,17nm,1.0s		pmax	pmax	
	ISCO	Idaho Springs	59.97 63	P	P	01 04 21.4 +0.3
	ISCO	Idaho Springs	59.97 63	eP	P	01 04 22.2 +1.2
	CMAR	Chiang Mai Arr	59.97 260	eP	P	01 04 21.9 +1.0
	CMAR	comp-Z,6.0nm,0.7s,baz=24,slow=7.3,SNR=18		LR	LR	01 31 43.4
	CM01	Chiang Mai Arr	59.99 250	eP	P	01 04 21.5 +0.5
	NIS	Namsa	60.13 346	eP	P	01 04 19.5 +1.8
	CHAI	Chaiyaphum	60.21 256	P	P	01 04 26.9 +4.4
	MVCO	Mesa Verde	60.29 67	eP	P	01 04 23.7 +0.5
	SUJI	Sorong	60.31 217	LR	LR	01 24 55.5
	FINES	FINES Array B	60.36 338	P	P	01 04 24.1 +1.1
	FINES	comp-Z,14nm,0.8s,baz=36,slow=6.6,SNR=45		LR	LR	01 35 26.6
	ODAN	Odare	60.44 276	eP	P	01 04 24.1 -0.3
	GUN	Gumba	60.56 278	eP	P	01 04 24.5 -0.8
	MHMT	Maesarieng	60.79 261	P	P	01 04 29.8 +3.3
	S22A	4UR Ranch, Cre	60.81 65	P	P	01 04 27.7 +0.9
	S22A	4UR Ranch, Cre	60.81 65	eP	P	01 04 27.9 +1.1
	RAMN	Ramite	60.85 277	eP	P	01 04 26.2 -0.9
	EYMN	Ely	60.87 48	eP	P	01 04 26.3 -0.4
	KKK	Kakani	61.00 278	eP	P	01 04 28.1 0.0
	OGNE	Ogallala	61.01 60	eP	P	01 04 28.3 +0.5
	PKI	Pulchoki	61.09 278	eP	P	01 04 27.9 -0.9
	PKIN	Pulchoki	61.09 278	eP	P	01 04 27.6 -1.2
	GKN	Gorkha	61.22 279	eP	P	01 04 28.7 -0.8
	DMN	Daman	61.24 278	eP	P	01 04 28.9 -0.9
	DANN	Dangsing	61.48 280	eP	P	01 04 31.7 +0.2
	SDCO	Great Sand Dun	61.53 64	eP	P	01 04 32.3 +0.6
	ECSD	EROS Data Cent	61.55 54	P	P	01 04 31.8 -0.2
	ECSD	EROS Data Cent	61.55 54	eP	P	01 04 31.6 -0.4
	214A	Organ Pipe Nat	61.71 74	eP	P	01 04 32.8 +0.2
	NAYO	Nakonayok	61.86 255	P	P	01 04 38.8 +5.1
	UTHA	Uthaitani	61.96 258	P	P	01 04 38.7 +4.3
	KOLN	Koldanda	62.01 279	eP	P	01 04 34.9 0.0
	KSCO	Kaye Shedlock	62.12 61	eP	P	01 04 36.4 +1.0
	DZET	Dzerino	62.15 298	P	P	01 04 34.9 -0.7
	DZET	comp-Z,34nm,0.7s		pmax	pmax	
	MOS	Moscow	62.18 329	eP	P	01 04 36.1 +0.7
	MOS			e		01 04 46.5
	MOS			e		01 05 15.6
	MOS			e		01 06 54.1
	MOS	comp-Z,100nm,0.8s		pmax	pmax	
	MOS	comp-Z,51nm,0.7s		pmax	pmax	
	SPMN	St. Paul	62.33 51	eP	P	01 04 36.9 +0.3
	T25A	Trinidad	62.56 64	eP	P	01 04 39.0 +0.5
	T25A	Trinidad	62.56 64	eP	P	01 04 39.3 +0.8
	BGNE	Begrade	62.63 57	eP	P	01 04 38.7 0.0
	BGNE			eP	P	01 04 48.1 -1.2
	VSU	Vasula	62.85 336	iP	P	01 04 44.1 +1.6
	OBN	Obninsk	63.03 329	P	P	01 04 42.3 +1.3
	OBN	Obninsk	63.03 329	iP	P	01 04 41.2 +0.2
	OBN			i		01 05 18.3
	OBN			iS		01 13 08.9 +0.2
	OBN	comp-Z,36nm,0.8s		pmax	pmax	
	OBN	comp-Z,500nm,22.0s		MLR	MLR	
	OBN	Obninsk	63.03 329	eP	P	01 04 42.2 +1.2
	AKN	Aaknes	63.05 348	eP	P	01 04 43.5 +2.4
	ANMO	Albuquerque	63.07 67	iP	P	01 04 42.5 +0.6
	ANMO	Albuquerque	63.07 67	eP	P	01 04 42.2 +0.3
	LAZ	Ladron	63.10 68	eP	P	01 04 43.1 +1.0
	LPM	Los Pinos Moun	63.45 68	eP	P	01 04 45.1 +0.7
	NB2	NORSAR Subarra	63.55 345	P	P	01 04 43.7 -0.8
	NB2	NORSAR Subarra	63.55 345	P	P	01 04 43.7 -0.8
	NOA	NORSAR Array B	63.55 345	P	P	01 04 43.2 -1.2
	NOA	comp-Z,25nm,0.8s,baz=20,slow=6.7,SNR=52		LR	LR	01 33 54.5
	S28A	Manter	63.56 62	P	P	01 04 45.0 0.0
	CBKS	Cedar Bluff	63.77 60	eP	P	01 04 45.6 -0.7
	CBKS	comp-Z,30nm,0.9s		pmax	pmax	
	CBKS	Cedar Bluff	63.77 60	eP	P	01 04 45.6 -0.7
	NK602	NORSAR Array S	63.79 345	eP	P	01 04 48.4 +2.4
	PHET	Kaeng Krachan	63.96 256	P	P	01 04 53.8 +6.1
	HFS	Hagfors	64.01 343	P	P	01 04 46.3 -1.2
	121A	Cookes Peak, D	64.13 70	P	P	01 04 50.3 +1.4
	121A	Cookes Peak, D	64.13 70	eP	P	01 04 49.6 +0.7
	LPSR	Galich ya Gora	64.39 326	eP	P	01 04 51.0 +1.0
	LPSR	comp-Z,50nm,0.9s		pmax	pmax	
	LPSR	comp-N,10.0nm,1.4s		pmax	pmax	
	LPSR	comp-E,10.0nm,1.5s		pmax	pmax	
	SCHQ	Schefferville	64.41 29	P	P	01 04 49.1 -1.0
	SCHQ	Schefferville	64.41 29	eP	P	01 37 03.7
	VRHR	Novokhopersk	64.71 323	eP	P	01 04 51.9 -0.2
	VRHR	comp-Z,80nm,1.6s		pmax	pmax	
	VRHR	comp-N,20nm,0.9s		pmax	pmax	
	VRHR	comp-E,10.0nm,0.6s		pmax	pmax	
	KONO	Kongsberg	65.13 345	eP	P	01 04 57.3 +2.6
	KONO			ePP	P	01 05 12.2 +6.7
	KONO	Kongsberg	65.13 345	eP	P	01 04 57.3 +2.6
	KONO			ePP	P	01 05 12.2 +6.7

KBL	Kabul	65.22 295	eP	P	01 04 55.0 -1.0
KBL	Kabul	65.22 295	eP	P	01 04 55.0 -1.0
JFWS	Jewell Farm	65.29 51	eP	P	01 04 54.1 -1.9
JFWS	Jewell Farm	65.29 51	eP	P	01 04 54.1 -1.9
VSR	Storozhevoje	65.47 325	eP	P	01 04 57.9 +0.8
VSR	comp-Z,40nm,1.1s		pmax	pmax	
VSR	comp-N,40nm,1.0s		pmax	pmax	
VSR	comp-E,30nm,0.9s		pmax	pmax	
ISAL	Salakas	65.58 335	eP	P	01 04 59.5 +1.8
VORD	Divnogorie	65.64 325	eP	P	01 04 58.2 +0.1
VORD	comp-E,10.0nm,0.8s		pmax	pmax	
VORD	comp-Z,10.0nm,0.8s		pmax	pmax	
VORD	comp-N,10.0nm,0.9s		pmax	pmax	
IDID	Didzasalis	65.66 334	eP	I	01 04 59.8 +1.6
IDID			I	I	01 05 01.4
AMTX	Amarillo	65.71 64	eP	P	01 04 59.7 +0.6
IIGN	Ignalina	65.76 335	eP	I	01 05 00.6 +1.7
IIGN			I	I	01 05 02.3
MSTX	Muleshoe	65.81 65	eP	P	01 04 59.8 +0.1
NACGM	Naroch	66.01 334	eP	P	01 05 03.0 +2.5
MICGM	Minsk	66.08 333	eP	P	01 05 04.0 +3.1
MNK	Minsk	66.09 333	eP	P	01 05 04.0 +3.0
MNK			pmax	pmax	
MNTX	Cornudas Mount	66.10 69	P	P	01 05 02.0 +0.6
MNTX	Cornudas Mount	66.10 69	eP	P	01 05 02.0 +0.6
Z28A	Tucker Farm, M	66.54 66	P	P	01 05 04.5 +0.1
U34A	Anderson Ranch	66.71 60	eP	P	01 05 05.9 +0.5
X31A	McDonald Ranch	66.81 63	P	P	01 05 06.0 0.0
W32A	Sentinel	66.82 62	P	P	01 05 06.6 +0.5
Z29A	Hungry Hill Ra	66.93 65	P	P	01 05 06.9 0.0
V34A	Guthrie	67.18 60	eP	P	01 05 07.4 -0.9
Z30A	Sanderson Ranc	67.22 65	P	P	01 05 08.6 -0.1
X32A	Elmer	67.34 63	P	P	01 05 09.4 0.0
WMOK	Wichita Mounta	67.36 62	eP	P	01 05 08.8 -0.7
WMOK	Wichita Mounta	67.36 62	eP	P	01 05 08.8 -0.7
W34A	Bridge Creek,	67.51 61	eP	P	01 05 09.4 -1.0
KSM	Kuching	67.54 239	eP	P	01 05 11.3 +0.5
HDIL	Hopedale	67.58 52	eP	P	01 05 09.9 -0.8
Y32A	R-V Farms, Ver	67.58 63	P	P	01 05 11.2 +0.3
X33A	Lawton	67.66 62	P	P	01 05 10.6 -0.8
TUL1	Tulsa	68.01 59	eP	P	01 05 13.0 -0.6
W35A	Tecumseh	68.04 60	P	P	01 05 13.4 -0.4
329A	Wagon Wheel Ra	68.14 66	P	P	01 05 14.5 +0.1
MUD	Monsted U'grnd	68.26 345	iP	P	01 05 19.1 +4.4
MUD	Monsted U'grnd	68.26 345	iP	P	01 05 32.9
MUD	Monsted U'grnd	68.26 345	iP	P	01 05 19.1 +4.4
MUD	Monsted U'grnd	68.26 345	iP	P	01 05 32.9
MUD	comp-Z,21nm,0.9s		pmax	pmax	
ABKT	Ailbek	68.27 305	P	P	01 05 16.0 +0.8
GEYT	Alibek	68.27 305	P	P	01 05 15.4 +0.3
GEYT	comp-Z,11nm,0.8s,baz=354,slow=4.5,SNR=31		LR	LR	01 37 45.3
GEYT	comp-Z,398nm,20.1s,baz=240,slow=38		LR	LR	01 05 15.1 -0.8
W36A	Wetumka	68.39 60	P	P	01 05 15.1 -0.8
IEMG	Emangholi	68.41 304	eP	P	01 05 17.2 +0.8
IMYA	Miami	68.52 302	eP	P	01 05 15.6 -1.4
BSD	Bornholm Skovb	68.53 341	iP	P	01 05 20.4 +4.0
BSD	Bornholm Skovb	68.53 341	iP	P	01 05 20.4 +4.0
ABTX	Ablene, Hawle	68.53 64	P	P	01 05 16.9 +0.1
ABTX	Ablene, Hawle	68.53 64	eP	P	01 05 16.8 -0.1
ABTX	Ablene, Hawle	68.53 64	eP	P	01 05 25.9 -1.8
330A	Mertzton	68.64 66	P	P	01 05 18.0 +0.4
SLM	Saint Louis	68.64 54	eP	P	01 05 17.8 +0.4
SLM	Saint Louis	68.64 54	eP	P	01 05 17.8 +0.4
CHLP	Challavanipeta	68.78 273	eP	I	01 05 21.1 +2.5
CHLP			I	I	01 05 26.6
CHLP	comp-Z,19nm,1.1s		i	i	01 05 36.9
W37A	Quinton	68.80 59	P	P	01 05 18.4 -0.1
429A	Davenport Ranc	68.84 67	P	P	01 05 19.0 +0.1
TX31	Lajitas Ar. Si	68.85 69	eP	P	01 05 18.3 -0.7
TXAR	Lajitas Array	68.85 69	eP	P	01 05 18.8 -0.2
TXAR	comp-Z,4.6nm,0.6s,baz=300,slow=4.5,SNR=70		LR	LR	01 33 25.5
TXAR	comp-Z,121nm,20.7s,baz=0.0,slow=34		LR	LR	01 05 18.5 -0.5
Z34A	Collier Ranch,	68.87 62	P	P	01 05 19.3 +0.1
Y35A	Marietta	68.92 61	P	P	01 05 19.3 +0.1
133A	Hamilton Ranch	68.93 64	P	P	01 05 19.6 +0.2
IKRD	Kardeh				

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GDZ Gediz, KCTY Karacabey, EDC Edincik, etc.

ISCJB 21 01:14:40.0:0.8, 20.6S:0.2:177.8W:0.1, h550km, mb3.7/7, Error ellipse: s-maj=24.7km s-min=16.4km az=152.9

IDC 21 01:14:39.2:5.4, 20.5S:177.65W, h530km, mb3.3/7, mb1 3.5/6, mb1mx3.2/32, mbtmp4.2/6, Error ellipse: s-maj=36.1km s-min=24.6km az=5.0

ISC 21 01:14:40.7:0.9, 20.6S:0.2:177.8W:0.1, h550km, n14, c0959/13, mb3.7/7, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DZM Mont Dzumac, URZ Urewera, JAY Jayapura, etc.

IDC 21 01:16:43.2:1.4, 17.63S:167.61E, h0km, mb4.2/7, mb1 4.4/8, mb1mx4.1/32, mbtmp4.2/8, ML2.71, MS3.5/2, Ms1 3.5/2, ms1mx3.0/3.9, Error ellipse: s-maj=32.9km s-min=26.3km az=176.6

ISCJB 21 01:16:47.2:0.7, 17.85S:167.4E:0.1, h23km, mb4.3/17, MS3.5/2, Error ellipse: s-maj=15.2km s-min=8.4km az=176.6

NEIC 21 01:16:50.4:3.1, 17.88S:167.45E, h40km, mb2.7km, mb4.6/9, Error ellipse: s-maj=21.3km s-min=14.5km az=218.0

ISC 21 01:16:48.3:0.7, 17.82S:0.08:167.4E:0.2, h23km, n32, c1540/29, mb4.4/17, 3C, Vanuatu Islands

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

ISCJB 21 01:18:32.4:0.5, 29.78N:0.04:141.7E:0.2, h35km, mb3.9/7, Error ellipse: s-maj=20.7km s-min=3.2km az=167.3

JMA 21 01:18:32.5:0.1, 29.83N:142.11E, h37km, M4.3, IDC 21 01:18:35.7:1.9, 29.60N:141.89E, h52km, 1.7km, mb3.6/7, mb1 3.7/10, mb1mx3.4/5.0, mbtmp3.8/10, ML3.7/3, Error ellipse: s-maj=10.6km s-min=7.3km az=73.0

ISC 21 01:18:33.0:0.8, 29.79N:0.06:142.0E:0.2, h35km, n23, c1575/32, mb3.8/7, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CBJJ Chichijima, JHHJ Haha-jima-NKT, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JRY Ryogami san, JHO Hitachi, JAG Ashikaga, etc.

IDC 21 01:21:43.9:3.5, 19.18N:147.24E, h0km, mb3.8/4, mb1 3.9/4, mb1mx3.5/4.9, mbtmp3.8/4, Error ellipse: s-maj=138.3km s-min=30.6km az=83.0, Mariana Islands region

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

IDC 21 01:25:38.3:2.1, 18.72N:146.23E, h0km, mb3.7/3, mb1 4.1/3, mb1mx3.4/4.3, mbtmp3.7/3, MS3.6/1, Ms1 3.6/1, ms1mx2.7/3, Error ellipse: s-maj=184.9km s-min=117.1km az=114.0, Mariana Islands

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

JMA 21 01:35:12.3:0.2, 27.89N:140.65E, h377km, M3.7, ISCJB 21 01:35:13.7:0.7, 27.97N:0.06:140.4E:0.1, h350km, mb3.7/4, Error ellipse: s-maj=16.5km s-min=6.6km az=160.7

IDC 21 01:35:16.5:18.0, 27.93N:140.79E, h392km, 161km, mb3.3/4, mb1 3.3/5, mb1mx2.9/32, mbtmp3.9/5, Error ellipse: s-maj=289.5km s-min=21.4km az=80.0

ISC 21 01:35:14.5:1.0, 28.05N:140.6E:0.2, h350km, n18, c1557/22, mb3.9/4, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CBJJ Chichijima, JHHJ Haha-jima-NKT, etc.

IDC 21 01:47:27.1:1.9, 14.15S:166.97E, h0km, mb4.0/3, mb1 4.3/4, mb1mx3.7/38, mbtmp4.1/4, Error ellipse: s-maj=61.5km s-min=31.6km az=122.0

ISCJB 21 01:47:30.8:1.5, 14.52S:0.07:167.1E:0.3, h33km, mb4.0/3, Error ellipse: s-maj=36.5km s-min=10.2km az=177.4

ISC 21 01:47:32.4:1.6, 14.4AS:0.1:167.1E:0.3, h35km, n6, c1597/8, mb3.9/3, Vanuatu Islands

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

JMA 21 01:50:04.5:0.4, 32.38N:142.74E, h65km, M3.7, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BSO1 Boso 1, JHHJ Haha-jima-NKT, etc.

mb3.4/6, Error ellipse: s-maj=8.1km s-min=5.3km az=144.8

NEIC 21 02:01:45.7:0.8, 43.47N:127.22W, h10km, mb3.7/8, Error ellipse: s-maj=5.8km s-min=5.8km az=56.0

IDC 21 02:01:45.1:2.0, 43.63N:127.04W, h0km, mb3.1/2, mb1 3.6/6, mb1mx3.4/38, mbtmp3.3/6, ML3.6/4, MS3.0/4, Ms1 3.0/4, ms1mx2.7/12, Error ellipse: s-maj=35.4km s-min=15.4km az=61.0

ISC 21 02:01:47.6:1.3, 43.54N:0.07:127.05W:0.08, h14km, n78, c1929/74, mb3.5/6, Off coast of Oregon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KEBM Edson Butte, HSO Roman Nose, etc.

IDC 21 02:01:49.3:0.5, 19.18N:147.24E, h0km, mb3.8/4, mb1 3.9/4, mb1mx3.5/4.9, mbtmp3.8/4, Error ellipse: s-maj=138.3km s-min=30.6km az=83.0, Mariana Islands region

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

IDC 21 01:35:12.3:0.2, 27.89N:140.65E, h377km, M3.7, ISCJB 21 01:35:13.7:0.7, 27.97N:0.06:140.4E:0.1, h350km, mb3.7/4, Error ellipse: s-maj=16.5km s-min=6.6km az=160.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CBJJ Chichijima, JHHJ Haha-jima-NKT, etc.

IDC 21 01:47:27.1:1.9, 14.15S:166.97E, h0km, mb4.0/3, mb1 4.3/4, mb1mx3.7/38, mbtmp4.1/4, Error ellipse: s-maj=61.5km s-min=31.6km az=122.0

ISCJB 21 01:47:30.8:1.5, 14.52S:0.07:167.1E:0.3, h33km, mb4.0/3, Error ellipse: s-maj=36.5km s-min=10.2km az=177.4

ISC 21 01:47:32.4:1.6, 14.4AS:0.1:167.1E:0.3, h35km, n6, c1597/8, mb3.9/3, Vanuatu Islands

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

JMA 21 01:50:04.5:0.4, 32.38N:142.74E, h65km, M3.7, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BSO1 Boso 1, JHHJ Haha-jima-NKT, etc.

21d 2h

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

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

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

ADC 01 02:34:58.21, 0.42, 33N, 26.24E, h0km, mb3.7/5, mb1 3.8/7, mb1mx3.6/27, mbtmp3.7/7, ML3.0/2, MS2.8/4, Ms1 2.8/4, ms1mx2.6/33, Error ellipse: s-maj=22.7km s-min=15.8km az=16.0

ISK Istanbul-Kandi 2,41 117 P Pn 02 35 39.0 -0.4
ISK Istanbul-Kandi 2,41 117 P Pn 02 35 39.0 -0.4
ISK Istanbul-Kandi 2,41 117 P Pn 02 35 39.0 -0.4

TIRR Tirusor 2,77 35 P Pn 02 35 52.1 +1.7
GOLR 2,80 341 P Pn 02 35 29.7 +0.4
GOLR 2,80 341 S Pn 02 35 29.7 +0.4

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

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

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

21d 5h

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, SNR=36, SNR=7.5).

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Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, SNR=15.8s, SNR=36).

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Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, SNR=18, SNR=19.0s).

Table with multiple columns: Station Name, Frequency, Mode, Power, and various signal quality metrics. Includes stations like KSP, WDD, ARS, BOJS, VISS, PRU, PVCC, PRA, GORS, BKZ, BFZ, TRI, BSD, AQU, HOPEN, TRO, BRG, GEC2, GERES, URZ, KHC, KASPERSKY, RUE, FBE, RJOB, WET, CLL, KHC, SBA, and SBA.

21d 5h

Table with columns for name, score, and other metrics. Includes entries like MVO Moncorvo, ILAR Eielson Array, ILAR Craig, etc.

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Table with columns for name, score, and other metrics. Includes entries like DLBC Dease Lake, WRAK Wrangell Island, CRAG Craig, etc.

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Table with columns for name, score, and other metrics. Includes entries like DGMT Dagmar, HLID Hailey, HLID Hailey, etc.

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RSSD	LR	LR						
MPMC	comp=Z,2um,20.0s	130.33	37	P	PKPdf	06 02 01.2	-0.7	
G28A	Manual Prospec	130.38	16	P	PKPdf	06 02 02.2	+0.7	
NLU	North Lily Min	130.45	29	ePKPdf	PKPdf	06 02 03.0	+0.9	
TPNV	Topopah Spring	130.45	35	PFAKE	LR	06 02 10.0	+7.9	
I25A	comp=Z,1um,20.0s	130.47	19	P	PKPdf	06 02 01.2	-0.8	
OSI	Osito Adit	130.53	39	PFAKE	LR	06 02 10.0	+7.8	
G29A	comp=Z,2um,20.0s	130.54	15	P	PKPdf	06 02 02.1	+0.2	
K22A	Casper	130.67	23	P	PKPdf	06 02 01.9	-0.4	
K22A	Casper	130.67	23	ePKPdf	PKPdf	06 02 02.5	+0.1	
H28A	Mission Ridge	130.72	17	P	PKPdf	06 02 01.6	-0.6	
G24A	Dixon Ranch, L	130.76	21	P	PKPdf	06 02 02.4	-0.1	
J30A	Faulton	130.81	15	P	PKPdf	06 02 02.0	-0.4	
EDW2	Edwards Air Fo	130.82	38	P	PKPdf	06 02 03.3	+0.5	
I27A	Quinn	130.96	18	P	PKPdf	06 02 03.4	+0.7	
J25A	Sunshine Ranch	131.01	20	P	PKPdf	06 02 03.6	+0.7	
PASC	Pasadena Art C	131.16	39	PFAKE	LR	06 02 20.0	+17	
GSC	Goldstone	131.26	37	PFAKE	LR	06 02 20.0	+16	
I28A	Midland	131.29	17	P	PKPdf	06 02 04.1	+0.8	
J26A	Sides Ranch, S	131.32	19	P	PKPdf	06 02 03.5	0.0	
TMUT	Trail Mountain	131.38	29	ePKPdf	PKPdf	06 02 05.2	+1.2	
SHPR	Sheep Range	131.38	35	ePKPdf	PKPdf	06 02 05.2	+1.3	
MSU	Maryvale	131.50	30	ePKPdf	PKPdf	06 02 05.3	+1.2	
COWI	Conover	131.63	5	PFAKE	LR	06 02 20.0	+16	
J28A	Allard Ranch,	131.80	18	P	PKPdf	06 02 04.2	-0.1	
H33A	Prehn Over Nor	131.80	13	P	PKPdf	06 02 04.5	+0.3	
K26A	Motz Farm, Whi	131.83	20	P	PKPdf	06 02 04.4	-0.1	
SRU	San Rafael	131.85	29	ePKPdf	PKPdf	06 02 05.3	+0.6	
WVL	Waterville	131.88	347	PFAKE	LR	06 02 20.0	+16	
SPMN	St. Paul	132.03	9	PFAKE	LR	06 02 20.0	+15	
O20A	White River Ci	132.07	26	P	PKPdf	06 02 04.8	-0.3	
O20A	White River Ci	132.07	26	ePKPdf	PKPdf	06 02 05.3	+0.2	
K27A	Flueckinger Fa	132.14	19	P	PKPdf	06 02 04.7	-0.4	
PHWY	Pilot Hill	132.23	23	PFAKE	LR	06 02 20.0	+14	
I32A	Carley and Nic	132.26	14	P	PKPdf	06 02 05.9	+0.8	
J30A	Dallas	132.39	16	P	PKPdf	06 02 05.7	+0.2	
N23A	Red Feather La	132.39	23	P	PKPdf	06 02 05.8	0.0	
N23A	Red Feather La	132.39	23	ePKPdf	PKPdf	06 02 08.2	+2.3	
I33A	Coleman	132.39	13	P	PKPdf	06 02 05.7	+0.3	
I34A	Hadley	132.61	12	P	PKPdf	06 02 05.7	-0.1	
PFO	Pinyon Flat Ob	132.61	38	PKHP	PKPpre	06 02 01.7		
PFO	Pinyon Flat Ob	132.61	38	PKHP	PKPpre	06 02 01.7		
PFO	Pinyon Flat Ob	132.61	38	PKHP	PKPpre	06 02 01.7		
RCBR	Riachuelo	132.62	264	PFAKE	LR	06 02 20.0	+13	
J31A	Geddes	132.62	15	P	PKPdf	06 02 05.7	-0.1	
L27A	T5 Ranch, Ellis	132.67	19	P	PKPdf	06 02 05.5	-0.6	
ECSD	EROS Data Cent	132.73	13	P	PKPdf	06 02 06.7	+0.6	
ECSD	EROS Data Cent	132.73	13	ePKPdf	PKPdf	06 02 05.1	-0.9	
LONY	Lake Ozonia	132.75	352	PFAKE	LR	06 02 20.0	+14	
J32A	Parkston	132.78	14	P	PKPdf	06 02 06.8	+0.6	
PTN	Potsdam (NY)	132.85	352	PFAKE	LR	06 02 20.0	+14	
K30A	Basset	132.96	16	P	PKPdf	06 02 08.1	+1.6	
IRM	Iron Mountain	133.03	37	P	PKPdf	06 02 08.3	+1.4	
J33A	Davis	133.04	14	P	PKPdf	06 02 08.2	+1.6	
BAR	Barrett	133.09	39	PFAKE	LR	06 02 20.0	+13	
GLMI	Grayling	133.17	1	PFAKE	LR	06 02 20.0	+13	
K31A	O'Neill	133.24	16	P	PKPdf	06 02 07.9	+0.9	
NCB	Newcomb	133.33	351	PFAKE	LR	06 02 20.0	+13	
FFD	Franklin Falls	133.35	348	PFAKE	LR	06 02 20.0	+13	
SMCO	Snowmass	133.41	25	ePKPdf	PKPdf	06 02 12.6	+4.6	
ISCO	Idaho Springs	133.46	24	ePKPdf	PKPdf	06 02 09.2	+1.3	
N27A	Anderson Farm,	133.73	20	P	PKPdf	06 02 07.7	-0.5	
M29A	Burnside Ranch	133.76	18	P	PKPdf	06 02 09.2	+1.1	
OCNE	Ogallala	133.78	20	P	PKPdf	06 02 09.3	+1.1	
AGGN	Adirondack Com	133.81	350	PFAKE	LR	06 02 20.0	+12	
GLA	Glamis	133.99	38	ePKPdf	PKPdf	06 02 10.5	+1.7	
N28A	Pribbeno Ranch	134.18	19	P	PKPdf	06 02 09.5	+0.5	
WUAZ	Wupatki	134.19	32	P	PKPdf	06 02 09.2	0.0	
WUAZ	Wupatki	134.19	32	ePKPdf	PKPdf	06 02 09.7	+0.4	
HRV	Adam Dzewonski	134.26	348	PFAKE	LR	06 02 20.0	+11	
O27A	Beecher Island	134.30	21	P	PKPdf	06 02 09.4	+0.2	

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MVCO	Mesa Verde	134.33	28	P	PKPdf	06 02 09.3	-0.3	
MVCO	Mesa Verde	134.33	28	ePKPdf	PKPdf	06 02 11.0	+1.5	
Q24A	Divide	134.35	24	P	PKPdf	06 02 10.5	+0.9	
Q24A	Divide	134.35	24	PFAKE	LR	06 02 20.0	+10	
BGNE	Belgrade	134.54	16	P	PKPdf	06 02 09.7	+0.1	
BGNE	Belgrade	134.54	16	ePKPdf	PKPdf	06 02 12.1	+2.5	
P26A	Davis Ranch, A	134.54	22	P	PKPdf	06 02 09.5	-0.2	
M33A	Taylor Creek F	134.63	15	P	PKPdf	06 02 09.9	+0.2	
JFWS	Jewell Farm	134.66	7	PFAKE	LR	06 02 20.0	+10	
S22A	4UR Ranch, Cre	134.66	26	ePKPdf	PKPdf	06 02 12.4	+2.2	
O29A	4D Ranch, Culb	134.93	19	P	PKPdf	06 02 10.4	+0.1	
MMNY	Mt. Morris Dam	135.01	354	PFAKE	LR	06 02 20.0	+10	
SDCO	Great Sand Dun	135.24	25	ePKPdf	PKPdf	06 02 12.2	+0.9	
KSCO	Kaye Shedlock'	135.29	22	PFAKE	LR	06 02 20.0	+8.9	
W18A	Petrified Fore	135.36	31	ePKPdf	PKPdf	06 02 12.5	+1.0	
O31A	Woolen Ranch,	135.36	18	P	PKPdf	06 02 12.9	+1.8	
P30A	Gelden	135.63	19	P	PKPdf	06 02 11.9	+0.3	
YLE	Yale	135.68	349	PFAKE	LR	06 02 20.0	+8.4	
AAM	Ann Arbor	135.71	0	PFAKE	LR	06 02 20.0	+8.4	
P31A	Stockton	135.93	18	P	PKPdf	06 02 11.7	-0.5	
P32A	Huitt Farm,	136.07	17	P	PKPdf	06 02 12.0	-0.5	
PAL	Palisades	136.16	350	PFAKE	LR	06 02 20.0	+7.5	
ODNJ	Ogdensburg	136.20	351	PFAKE	LR	06 02 20.0	+7.4	
T25A	Trinidad	136.21	25	ePKPdf	PKPdf	06 02 13.8	+0.8	
BRNJ	Basking Ridge	136.59	350	PFAKE	LR	06 02 30.0	+17	
LUPA	Lehigh Univer	136.80	351	PFAKE	LR	06 02 30.0	+16	
S28A	Manter	136.81	22	P	PKPdf	06 02 14.1	+0.1	
P35A	Duane Minner,	136.86	14	P	PKPdf	06 02 14.1	+0.3	
Q33A	Connelly Farm,	136.87	17	P	PKPdf	06 02 13.6	-0.3	
T27A	Gampo	136.96	23	P	PKPdf	06 02 14.0	-0.3	
P36A	Good Intent, A	136.97	14	P	PKPdf	06 02 14.0	0.0	
R31A	Burdett	137.00	19	P	PKPdf	06 02 14.1	-0.1	
SSPA	Standing Stone	137.09	354	PFAKE	LR	06 02 30.0	+16	
HDIL	Hopedale	137.10	7	P	PKPdf	06 02 13.8	-0.5	
HDIL	Hopedale	137.10	7	PFAKE	LR	06 02 30.0	+16	
KSU1	Kansas State U	137.11	15	PFAKE	LR	06 02 30.0	+16	
ANMO	Albuquerque	137.13	28	ePKPdf	PKPdf	06 02 05.8		
ANMO	Albuquerque	137.13	28	ePKPdf	PKPdf	06 02 15.1	+0.4	
Q34A	Chapman	137.19	16	P	PKPdf	06 02 14.7	+0.2	
LAZ	Ladron	137.24	30	ePKPdf	PKPdf	06 02 16.7	+1.7	
T29A	Hugoton	137.42	21	P	PKPdf	06 02 15.7	+0.7	
SFIN	Scholer Farm	137.48	4	PFAKE	LR	06 02 30.0	+15	
Q35A	Mercer Eighty,	137.49	15	P	PKPdf	06 02 15.3	+0.3	
Q36A	Arnold C. Orve	137.53	14	P	PKPdf	06 02 15.3	+0.2	
ACCSO	Alum Creek Sta	137.77	360	PFAKE	LR	06 02 30.0	+14	
121A	Cookes Peak, D	138.39	32	ePKPdf	PKPdf	06 02 17.6	+0.5	
BLO	Bloomington	138.72	4	PFAKE	LR	06 02 30.0	+13	
OLIL	Olney	139.03	6	PFAKE	LR	06 02 30.0	+12	
AMTX	Amarillo	139.27	23	PFAKE	LR	06 02 30.0	+11	
TRQA	Tornquist	139.32	206	ePKPdf	PKPdf	06 02 20.0	+1.5	
U34A	Anderson Ranch	139.33	18	PFAKE	LR	06 02 30.0	+11	
MSTX	Muleshoe	139.61	25	ePKPdf	PKPdf	06 02 18.3	-0.9	
X29A	Tulia	139.65	24	P	PKPdf	06 02 20.3	+1.0	
USIN	University of	139.83	5	PFAKE	LR	06 02 30.0	+11	
V34A	Guthrie	139.89	18	PFAKE	LR	06 02 30.0	+10	
SIUC	Southern Illin	139.91	7	PFAKE	LR	06 02 30.0	+11	
U37A	Salina	140.04	15	P	PKPdf	06 02 20.6	+0.8	
V35A	Meyer Ranch, C	140.16	17	P	PKPdf	06 02 20.5	+0.4	
MNTX	Cornudas Mount	140.29	30	ePKPdf	PKPdf	06 02 20.7	+0.3	
TUL1	Tulsa	140.32	16	ePKPdf	PKPdf	06 02 20.7	+0.4	
W34A	Bridge Creek,	140.36	19	PFAKE	LR	06 02 30.0	+10	
WMOK	Wichita Mounta	140.48	20	ePKPdf	PKPdf	06 02 15.0	-5.7	
PBMO	Poplar Bluff	140.65	9	PFAKE	LR	06 02 30.0	+9.1	
BLA	Blacksburg	140.70	356	PFAKE	LR	06 02 30.0	+9.0	
V38A	Canehill	140.73	14	P	PKPdf	06 02 21.2	+0.1	
Z30A	Sanderson Ranc	140.89	24	P	PKPdf	06 02 22.1	+0.6	

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, RAGZ Rawiri, RIGZ Rimuhau, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EIDS Eidsvold, STKA Stephens Creek, CTA Charters Tower, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HABR Khabarovsk, KSRS Korea Array, KSAR Wouju Array, etc.

21d 9h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Chenhua, Nanjuang, Hungye, Sun Moon Lake, etc.

TAP 21 07:56:05.5,23:20N:121.35E,h21km,1km,ML2.6,C, Taiwan

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

NNC 21 08:17:22.3:4.9,38.65N:72.70E,h0km,mb3.6,mpv3.3, Error ellipse: s-maj=49.4km s-min=16.4km az=146.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Sufi-Kurgan, SFK, DZET, etc.

ISC 21 08:23:29.7:37.23N:28.16E,h5km,MD2.6 DDA 21 08:23:31.0:37.23N:28.21E,h7km,MD2.6

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

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

SKO 21 08:34:55.7:41.80N:22.96E,h15km,M1.5,ML1.8 CSEM 21 08:34:55.7:0.1,41.81N:22.84E,h12km,ML1.8, Error ellipse: s-maj=4.0km s-min=2.1km az=72.0

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

ISC 21 08:34:56.7:0.5,41.79N:0.03:22.86E,0.05,h19km,7km, Error ellipse: s-maj=6.8km s-min=3.7km az=158.3

THE 21 08:34:56.7:41.76N:22.89E,h9km,1km,ML2.1/4, Error ellipse: s-maj=1.7km s-min=0.9km az=164.0

BEO 21 08:34:56.5:0.4,41.80N:22.77E,h10km,5km,ML1.8/5 ISC 21 08:34:55.8:1.0,41.80N:0.02:22.84E,0.03,h13km,gkm, n32, c058/58, Northwest Balkan Peninsula

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

CSEM 21 08:52:56.6:0.3,40.74N:34.93E,h2km,MD2.8, Error ellipse: s-maj=8.1km s-min=6.1km az=139.0

DDA 21 08:52:56.4,40.74N:34.93E,h9km,MD2.8 ISK 21 08:53:02.0,40.97N:35.46E,h2km,ML2.7

ISC 21 08:52:56.0:1.1,40.76N:0.03:34.96E,0.03,h6km,10km, n20, c051/31, Turkey

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

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

IDC 21 09:00:44.8:1.9,13.96N:92.51W,h0km,mb3.9/4, mb1.4/1.7, mb1mx3.8/3.1, mb1mx3.8/7, ML3.6/3, MS3.3/3, Ms1 3.3/3, ms1mx2.8/2.8, Error ellipse: s-maj=43.0km s-min=30.7km az=25.0

ISC 21 09:00:49.0:0.5,14.03N:0.06:92.74W,0.04,h37km, mb4.1/1.6, MS3.3/3, Error ellipse: s-maj=9.0km s-min=4.7km az=30.2

NEIC 21 09:00:50.3,13.93N:92.77W,h19km,mb4.2/1.2, MD4.4(MEX), After MEX.

MEX 21 09:00:50.3:0.5,13.93N:92.77W,h19km,38km,MD4.4 BUJ 21 09:00:54.1,14.60N:92.80W,h35km,Ms4.9/1, Ms7.4/6/1 CASC 21 09:01:01.7:2.8,14.19N:91.91W,h52km,38km,MD4.1

ISC 21 09:00:51.7:0.1,14.10N:0.07:92.77W,0.04,h37km, n130, c121/135, mb4.1/1.6, MS3.3/3, Near coast of Chiapas

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

V33A	Lossen Ranch,	22.20 348	P	P	09 05 44.6	-0.2
AMTX	Amarillo	22.21 340	P	P	09 05 46.3	+1.2
AMTX	Amarillo	22.21 340	eP	P	09 05 45.8	+0.8
W29A	Amrillo	22.41 341	P	P	09 05 47.7	+0.5
U35A	Pawnee	22.46 352	P	P	09 05 47.6	-0.1
V31A	Spring Creek L	22.50 345	P	P	09 05 48.6	+0.4
U33A	Lingo Farm, Me	22.75 349	P	P	09 05 50.9	+0.2
121A	Cookes Peak, D	22.91 326	P	P	09 05 54.6	+2.0
TKL	Tuckaleechee C	22.94 19	LR	LR	09 15 53.7	
T35A	Sooner Gattle	22.97 352	P	P	09 05 51.9	-1.1
T37A	Cheneyville 18	23.01 356	P	P	09 05 52.3	-1.1
U30A	WK&E Inc. Balk	23.43 344	P	P	09 05 57.7	0.0
S37A	Fort Scott	23.64 356	P	P	09 05 58.4	-1.1
S36A	Lake Cedric, C	23.67 354	P	P	09 05 58.6	-1.2
S35A	Otter Creek Ra	23.70 353	P	P	09 05 58.9	-1.2
T30A	Plains	23.89 345	P	P	09 06 01.9	-0.1
U27A	Thompson Grove	23.99 340	P	P	09 06 03.4	+0.4
S32A	Newby Ranch, P	24.14 348	P	P	09 06 03.8	-0.5
T29A	Hugato	24.19 343	P	P	09 06 04.6	-0.2
T28A	Walsh	24.40 342	P	P	09 06 06.3	-0.4
S30A	Montezuma	24.43 345	P	P	09 06 07.1	+0.1
R34A	Isabella, Hill	24.43 351	P	P	09 06 06.7	-0.2
T27A	Campo	24.54 341	P	P	09 06 08.0	0.0
S29A	Ulysses	24.58 344	P	P	09 06 08.2	-0.2
R32A	Long Quarter,	24.80 349	P	P	09 06 10.5	+0.3
R31A	Burdett	24.83 347	P	P	09 06 10.2	-0.4
T26A	Comanche Natio	24.93 339	P	P	09 06 12.4	+0.7
R30A	Dighton	25.00 346	P	P	09 06 11.9	-0.1
T25A	Trinidad	25.19 338	P	P	09 06 15.8	+1.8
T25A	Trinidad	25.19 338	eP	P	09 06 15.1	+1.0
S26A	Kim	25.29 340	P	P	09 06 17.4	+2.6
Q32A	Mellier Ranch,	25.32 349	P	P	09 06 15.3	+0.3
R29A	Marienthal	25.34 345	P	P	09 06 15.0	-0.2
CBK5	Cedar Bluff	25.38 347	P	P	09 06 15.9	+0.3
R28A	Tribune	25.45 343	P	P	09 06 16.0	-0.2
Q31A	Ellis	25.49 348	P	P	09 06 16.7	+0.1
Q30A	Quinter	25.64 346	P	P	09 06 19.9	+1.9
Q29A	Oakley	25.74 345	P	P	09 06 20.4	+1.6
R26A	Arlington	25.90 340	P	P	09 06 22.3	+1.9
P32A	Huizing Farm,	25.94 350	P	P	09 06 19.3	-1.3
P31A	Stockton	25.99 348	P	P	09 06 22.2	+1.2
SDCO	Great Sand Dun	26.14 337	P	P	09 06 23.5	+0.8
Q26A	Hugo	26.49 341	P	P	09 06 26.8	+1.0
S22A	4UR Ranch, Cre	26.67 335	P	P	09 06 29.3	+1.8
S22A	4UR Ranch, Cre	26.67 335	eP	P	09 06 28.8	+1.3
MVCO	Mesa Verde	26.96 331	eP	P	09 06 31.0	+1.0
SNOW	Snow King Moun	33.09 336	eP	P	09 07 25.4	+1.2
NVAR	Mina Array Bea	34.73 322	P	P	09 07 26.3	+1.6
LOHW	Long Hollow	33.15 336	P	P	09 07 28.9	+4.1
TPAW	Teton Pass	33.19 335	eP	P	09 07 26.5	+1.3
E26A	Carlson Angus	33.79 348	P	P	09 07 25.5	-0.2
FXWY	Fox Creek	33.34 336	eP	P	09 07 32.6	+6.1
HLID	Hailey	34.74 332	eP	P	09 07 40.5	+2.0
MCMT	McKenzie Canyo	35.07 335	eP	P	09 07 43.1	+1.6
PQI	Presque Isle	38.53 28	eP	P	09 08 07.8	-2.7
YKA	Yellowknife Ar	50.77 347	P	P	09 09 47.5	-0.3
BFB	Brasilia	53.20 122	LR	LR	09 33 03.6	
ILAR	Eielson Array	62.46 337	P	P	09 11 10.5	-0.4
NOA	NORSTAR Array B	84.41 28	LR	LR	09 50 06.1	
TORD	Tordi Ar. Bea	91.08 76	P	P	09 13 51.0	-2.1
HHC	Hu-hao-te	127.68 343	ePKP	PKP	09 19 40.8	+0.3
WMQ	Urungui	127.68 343	ePKP	PKP	09 19 45.6	+2.3
LZH	Lanzhou	127.68 343	ePKP	PKP	09 19 55.1	+1.3
LZH	Lanzhou	95nm, 17.9s	LN			
LZH	Lanzhou	100nm, 18.2s	LE			
LZH	Lanzhou	120nm, 20.0s	LZ			
CD2	Chengdu	132.52 341	PKP	PKP	09 20 04.3	+1.3
CMAR	Chiang Mai Arr	145.66 340	PKP	PKP	09 20 26.0	-1.1

ISC 21 09:09:21.6:2.5,24.42N,49.18E, h0km, mb3.6/5, mb1 3.7/5, mb1mx3.5/36, mbtmp3.7/5, MS3.4/1, Ms1 3.4/1, ms1mx2.5/43, Error ellipse: s-maj=62.0km s-min=27.3km az=156.0, Eastern Arabian Peninsula

Code	Station Name	Δ° AZ°	Op	Phase ID	Time	Res
					h m s	ISC
BRTR	Keonin Array B	20.11 323	P	P	09 13 57.8	+0.7
MKAR	Makanchi Array	34.56 341	P	P	09 16 12.1	0.0
ZALV	Zalesovo Beam	39.69 33	P	P	09 16 55.3	0.0
FINES	FINES Array B	40.23 343	P	P	09 16 59.0	-0.7
OPO	Ambohitorompo	42.77 183	LR	LR	09 31 47.7	
TORD	Tordi Ar. Bea	46.13 265	P	P	09 17 48.0	-0.1

ISC 21 09:17:21.0:1.1,2.15N,96.59E, h0km, mb4.1/15, mb1 4.3/17, mb1mx4.1/29, mbtmp4.1/17, ML3.7/2, MS3.5/9, Ms1 3.5/9, ms1mx3.2/40, Error ellipse: s-maj=29.3km s-min=17.5km az=33.0

ISC 21 09:17:25.7:0.5,2.17N,0.03:96.66E:0.04, h46km,4km, mb4.2/19, MS3.6/6, Error ellipse: s-maj=7.0km s-min=4.9km az=147.7

DJA 21 09:17:26.0:0.3,2.12N,2.97E, h26km,6km, M4.3/5, mb4.9/1, mb4.7/1, MLV4.0/5, MW(mb)4.0/1

NEIC 21 09:17:27.2:1.2,2.19N,96.68E, h42km,10km, mb4.5/4,

Error ellipse: s-maj=14.9km s-min=7.6km az=61.0
ISC 21 09:17:26.7:0.8,2.18N,0.04:96.63E:0.05, h37km,1km, m59, c078756, mb4.2/19, MS3.6/6, Northern Sumatra

Code	Station Name	Δ° AZ°	Op	Phase ID	Time	Res
					h m s	ISC
SNSI	Sinabang, Aceh	0.38 307	P	P	09 17 35.3	-0.2
GSI	Gunungsitoli	1.28 133	P	P	09 17 48.2	+0.1
GSI	Gunungsitoli	1.28 133	eP	P	09 17 48.0	-0.1
GSI	Gunungsitoli	1.28 133	eS	P	09 17 48.0	-0.1
KCSI	Kotacane, Aceh	1.75 40	P	P	09 17 54.3	-0.3
KCSI	Kotacane, Aceh	1.75 40	eS	P	09 17 54.3	-0.3
MLSI	Meulaboh, Aceh	2.09 354	P	P	09 17 59.3	+0.1
MLSI	Meulaboh, Aceh	2.09 354	eS	P	09 17 59.3	+0.1
TSI	Tuntungan	2.33 56	P	P	09 18 02.9	+0.3
TSI	Tuntungan	2.33 56	eS	P	09 18 02.9	+0.3
PSI	Prapat	2.37 75	Pn	Pn	09 18 03.6	+0.4
PSI	Prapat	3.1nm, 0.3s, baz=268, slow=7.4, SNR=14	LR	LR	09 18 30.2	
PSI	Prapat	comp=Z.212nm, 19.7s, baz=306, slow=29	LR	LR	09 18 30.2	
LHMI	Lhok Sumawe	3.05 6	P	P	09 18 12.2	-0.2
LHMI	Lhok Sumawe	3.05 6	ePn	P	09 18 12.2	-0.2
MNSI	Mauliailing Nat	3.25 11	P	P	09 18 23.5	+0.1
SISI	Siboh	4.25 145	P	P	09 18 28.9	-0.2
PPI	Padang Panjang	4.57 125	P	P	09 18 35.1	+1.6
BKNI	Bangkaingnan	4.77 113	P	P	09 18 37.1	+1.0
PDSI	Padang	4.91 129	P	P	09 18 37.8	-0.2
PKI	Pulau Pinang	4.95 52	P	P	09 18 37.9	+0.6
KULM	Kulim	5.06 52	ePn	P	09 18 40.1	0.0
KULM	Kulim	87nm, 0.8s	eS	P	09 19 37.8	+0.4
SDSI	Sungai Dareh	5.70 123	P	P	09 18 48.8	-0.1
PPSI	Pulau Pinang	5.95 145	P	P	09 18 52.5	+0.2
TRTT	Trang	6.39 28	P	P	09 18 58.1	-0.3
KRAB	Krabi	6.53 23	P	P	09 19 00.4	+0.2
SURA	Sura	9.00m, 0.8s, 0.3nm	P	P	09 19 14.5	+0.1
LOEI	Loei	15.90 16	P	P	09 21 12.4	+1.2
UTTA	Utataradit	15.94 14	P	P	09 21 11.4	-0.2
CMAR	Chiang Mai Arr	16.34 8	Pn	Pn	09 21 12.7	-0.7
CMAR	Chiang Mai Arr	comp=Z.185nm, 20.7s, baz=200, slow=38	LR	LR	09 27 45.4	
LAMP	Lampang	16.51 10	P	P	09 21 18.6	+0.7
LAMP	Lampang	4.6nm, 0.9s, 122nm	P	P	09 21 18.6	+0.7
PALK	Pallekete	16.66 288	LR	LR	09 26 55.4	
CHMT	Chiang Mai	16.69 8	P	P	09 21 20.3	+0.4
CHMT	Chiang Mai	16.69 8	eP	P	09 21 20.3	+0.4
CMAI	Chiang Mai	16.69 8	P	P	09 21 32.3	-0.1
CMAI	Chiang Mai	8.7nm, 1.4s	P	P	09 21 34.6	-3.2
CRAI	Chiengrai	18.31 11	P	P	09 21 34.6	-3.2
H08S2	Diego Garcia H	25.98 248	T	T	09 49 54.4	
H08S2	Diego Garcia H	baz=68, slow=76, SNR=958	T	T	09 49 54.4	
H08S1	Diego Garcia H	25.98 248	T	T	09 49 54.4	
H08S1	Diego Garcia H	baz=68, slow=76, SNR=748	T	T	09 49 55.5	
BATI	Batu	29.59 115	LR	LR	09 37 06.6	
H01W3	Cape Leeuwin H	40.36 158	T	T	10 08 29.5	
H01W3	Cape Leeuwin H	comp=Z.220nm, 19.8s, baz=171, slow=40	T	T	10 08 29.5	
H01W2	Cape Leeuwin H	40.37 158	T	T	10 08 30.4	
H01W2	Cape Leeuwin H	baz=333, slow=76, SNR=77	T	T	10 08 30.4	
H01W1	Cape Leeuwin H	40.37 158	T	T	10 08 32.2	
H01W1	Cape Leeuwin H	baz=333, slow=76, SNR=66	T	T	10 08 32.2	
WRA	Warramunga Arr	43.03 123	P	P	09 25 22.8	-0.3
WRA	Warramunga Arr	1.7nm, 1.1s, baz=301, slow=9.2, SNR=4.9	P	P	09 25 22.8	-0.3
ASAR	Alia Springs	44.43 128	P	P	09 25 33.9	+0.5
ASAR	Alia Springs	0.7nm, 0.9s, baz=308, slow=9.2, SNR=5.3	P	P	09 25 33.9	+0.5
TKM2	Tokmak 2	44.71 338	eP	P	09 25 37.2	+0.7
TKM2	Tokmak 2	7.7nm, 1.1s	eP	P	09 25 37.2	+0.7
KSAR	Korovin Array Be	45.35 35	P	P	09 25 40.4	-1.0
KSRS	Korea Array	45.38 35	P	P	09 25 40.4	-1.2
KSRS	Korea Array	2.0nm, 0.7s, baz=231, slow=9.6, SNR=11	LR	LR	09 45 38.1	
KSRS	Korea Array	comp=Z.83nm, 19.5s, baz=202, slow=37	LR	LR	09 45 38.1	
MKAR	Makanchi Array	46.16 346	P	P	09 25 48.0	+0.2
MKAR	Makanchi Array	8.1nm, 0.7s, baz=160, slow=7.8, SNR=50	LR	LR	09 48 09.4	
MKAR	Makanchi Array	comp=Z.49nm, 18.2s, baz=170, slow=40	LR	LR	09 48 09.4	
SONM	Songino Array	46.26 9	P	P	09 25 48.4	-0.2
SONM	Songino Array	7.7nm, 0.9s, baz=189, slow=8.9, SNR=35	P	P	09 25 48.4	-0.2
KKAR	Karatay Array	46.94 334	eP	P	09 25 54.3	+0.4
GEYT	Geitang	50.11 320	P	P	09 26 19.1	+0.8
GEYT	Geitang	2.9nm, 0.6s, baz=119, slow=5.1, SNR=3.3	P	P	09 26 19.1	+0.8
MJAR	Matsushiro Arr	51.36 43	P	P	09 26 27.4	-0.5
MJAR	Matsushiro Arr	1.9nm, 1.0s, baz=232, slow=5.9, SNR=4.6	P	P		

21d 10h

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
SVYR	Suvo	1.83 191	ePn	Pb	10 35 56.1	-0.5		
SVYR			e		10 36 21.7			
SVYR	comp=Z,34nm,0.5s		smax	smax				
OGRR	Ongureny	2.51 225	ePn	Pn	10 36 04.9	+1.1		
OGRR			eP	Pb	10 36 07.2	-0.9		
OGRR			i/Sg	Sb	10 36 40.0	+0.9		
OGRR	comp=E,22nm,0.3s		Smax					
OGRR	Ongureny	2.51 225	ePn	Pn	10 36 04.7	+0.9		
OGRR			e		10 36 08.3			
OGRR			e		10 36 40.0			
OGRR	comp=Z,22nm,0.3s		e	pmax				
OGRR	comp=N,130nm,0.3s		e	smax				
BOD	Bodaihe	3.03 37	ePg	Pb	10 36 16.9	-0.1		
BOD			eSn	Sb	10 36 47.5	+0.2		
BOD			e		10 36 56.3	+2.3		
BOD	comp=N,8.0nm,0.4s		Pmax					
BOD	comp=N,61nm,0.5s		Smax					
NLYR	Nelyaty	3.06 68	ePn	Pn	10 36 13.1	+1.7		
NLYR			ePg	Pb	10 36 18.3	+0.8		
NLYR			ePg	Pg	10 36 21.6	+0.1		
NLYR			e		10 36 45.5			
NLYR			i/Sg	Sg	10 36 59.6	-1.6		
NLYR	comp=N,15nm,0.6s		Smax					
ZRHB	Zarechye	3.54 216	ePg	Pb	10 36 25.5	-0.1		
ZRHB			eSg	Sb	10 37 10.4	+1.8		
ZRHB			e		10 37 14.4			
ZRHB	comp=N,11nm,0.2s		Pmax					
ZRHB	comp=N,256nm,0.9s		Smax					
TRG	Tyrgan	3.67 224	i/Pn	Pn	10 36 21.3	+1.5		
TRG			ePg	Pb	10 36 31.1	+0.2		
TRG			eSn	Sb	10 37 00.0	-3.1		
TRG			eSg	Sb	10 37 15.5	+3.0		
TRG			e		10 37 19.3			
TRG	comp=N,6.0nm,0.3s		Pmax					
TRG	comp=N,65nm,0.8s		Smax					
CIT	Chita	3.87 152	eSg	Sg	10 37 26.8	-0.2		
CIT	comp=N,67nm,0.2s		Smax					
UUDB	Ulan-Yde	3.99 207	ePg	Pb	10 36 35.0	+1.7		
UUDB			e		10 36 44.8			
UUDB			e		10 37 06.5			
UUDB			i/Sg	Sg	10 37 27.8	-3.2		
UUDB	comp=N,18nm,0.7s		Pmax					
UUDB	comp=N,73nm,1.0s		Smax					
CRS	Chara	4.53 68	ePg	Pg	10 36 45.7	-4.0		
CRS			e		10 36 54.0			
CRS			eSg	Sg	10 37 21.4			
CRS			eSg	Sg	10 37 45.6	-2.8		
CRS	comp=N,2.0nm,0.1s		Smax					
CRS	comp=N,82nm,1.7s		Smax					
CRS	Chara	4.53 68	ePn	Pg	10 36 47.3	-2.4		
CRS			e		10 37 44.1			
CRS	comp=Z,17nm,1.0s		pmax	pmax				
CRS	comp=E,73nm,0.9s		smax	smax				
IRK	Irkutsk	4.93 232	ePn	Pb	10 36 51.4	+2.1		
IRK			e		10 37 54.8			
IRK	comp=Z,117nm,0.2s		pmax	pmax				
IRK	comp=E,156nm,0.2s		smax	smax				
LSTR	Listvyanka	4.96 226	ePg	Pb	10 36 49.9	+0.1		
LSTR			eSg	Sb	10 37 36.5			
LSTR			eSg	Sb	10 37 54.4	+5.0		
LSTR	comp=E,2.0nm,0.2s		Pmax					
LSTR	comp=N,1.2s		Smax					
TUP	Tupik	5.50 97	i/Pn	Pn	10 36 46.0	+1.1		
TUP			i		10 36 54.4			
TUP			ePg	Pg	10 37 03.0	-5.2		
TUP			eSg	Sg	10 38 16.4	-3.0		
TUP	comp=E,8.0nm,0.6s		Smax					
TUP	comp=E,54nm,1.1s		Smax					
TUP	Tupik	5.50 97	ePn	Pn	10 36 46.4	+1.5		
TUP			e		10 37 03.0			
TUP			eS	Sn	10 37 49.1	+0.9		
TUP			e		10 38 14.8			
TUP	comp=Z,5.0nm,0.5s		pmax	pmax				
TUP	comp=N,58nm,0.8s		smax	smax				
TLY	Talaya	5.60 230	ePg	Pb	10 37 02.0	+1.3		
TLY			eSg	Sb	10 37 05.0			
TLY			eSg	Sb	10 38 13.8	+5.9		
TLY	comp=N,1.0nm,0.1s		Pmax					
KLK	Khapcheranga	5.86 168	ePn	Pn	10 36 50.5	+0.6		
KPC			ePg	Pb	10 37 01.0			
KPC			ePg	Pb	10 37 09.3	+4.1		
KPC			eSn	Sn	10 37 56.1	-1.0		
KPC			eSg	Sg	10 38 14.5			
KPC			eSg	Sg	10 38 26.5	-4.5		
KPC	comp=N,4.0nm,0.5s		Pmax					
KPC	comp=N,36nm,1.0s		Smax					
ARS	Arshan	6.00 237	ePg	Pb	10 37 10.1	+2.5		
ARS			eSg	Sg	10 38 03.9			
ARS			eSg	Sg	10 38 27.9	-7.5		
ARS	comp=N,10.0nm,0.6s		Pmax					
ARS	comp=N,118nm,0.8s		Smax					
ZAK	Zakamensk	6.73 224	e	Sn	10 38 28.0	+9.4		
ZAK			i/Sg	Sg	10 38 50.2	-8.5		
ZAK			e		10 38 53.0			
ZAK	comp=N,18nm,0.9s		e	pmax				
MOY	Mondy	6.85 240	i/Pn	Pn	10 37 04.9	+1.4		
MOY			e		10 37 13.1			
MOY			ePg	Pb	10 37 23.2	+1.1		
MOY			eSg	Sb	10 38 22.4			
MOY			eSg	Sb	10 38 50.9	+6.8		
MOY			e		10 39 03.3			
MOY	comp=N,11nm,1.0s		e	max				
MOY	comp=N,23nm,1.0s		Smax					
ORL	Orlik	6.99 250	i/Pn	Pn	10 37 06.9	+1.5		
ORL			e		10 37 16.0			
ORL			e		10 38 25.3			
ORL			eSg	Sg	10 38 58.3	-8.8		
ORL	comp=N,9.0nm,0.1s		Smax					
ORL	comp=N,33nm,1.6s		Smax					
ORL	Orlik	6.99 250	ePn	Pn	10 37 05.9	+0.5		
ORL			e		10 38 55.9			
ORL	comp=N,32nm,1.0s		Smax					

2010 AUG

s-min=22.6km az=115.0
ISCJB 21 10:38:22.9,1.1,14.01s:0.07:166:7E:0.2,h35km,mb3.8/7,Error ellipse: s-maj=29.6km s-min=10.4km az=176.9

ISC 21 10:38:24.6:1.1,13.95s:0.08:166:8E:0.2,h35km,n11,
@121/12,mb3.9/7,Vanuatu Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
HNR	Honiara	8.05 303	Op	LR	10 43 33.9			
DZM	Mont Dzumac	8.09 182	Pn	Pn	10 40 20.4	+0.7		
DZM	Warramunga Arr	8.09 182	Pn	Pn	10 40 20.5	+0.8		
DZM	Mont Dzumac	8.09 182	eP	eP	10 41 47.7	-2.2		
STKA	Stephens Creek	29.14 228	P	P	10 41 50.4	+0.4		
STKA	Warramunga Arr	31.55 255	P	P	10 44 23.8	+1.3		
WRA	Warramunga Arr	31.55 255	P	P	10 44 43.0	-1.0		
ASAR	Alse Springs	32.51 248	P	P	10 44 51.6	-0.8		
MJAR	Matsushiro Arr	56.99 333	P	P	10 48 05.9	-1.0		
KSRS	Korea Array	62.82 326	P	P	10 48 47.7	+0.8		
ILAR	Eielson Array	85.94 418	P	P	10 51 00.8	0.0		
MKAR	Makanchi Array	96.31 317	P	P	10 51 50.4	+0.7		
ARCES	ARCES Array B	119.38 345	PKP	PKP	10 57 08.5	-1.3		

ISK 21 10:43:16.4,41.96N:26.55E,h18km,MD2.9
ISCJB 21 10:43:17.5:1.1,41.93N:0.03:26:57E:0.09,h19km,10km,
Error ellipse: s-maj=11.0km s-min=5.0km az=8.6
CSEM 21 10:43:17.3:0.2,41.92N:26.57E,h15km,MD2.9,Error ellipse: s-maj=8.0km s-min=4.4km az=87.0

ISC 21 10:43:18.4:1.3,41.90N:0.03:26:57E:0.05,h19km,n11,
@117/37,6C-6D,Greece-Bulgaria border region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
EDRB	Edirne	0.11 116	ePg	Pg	10 43 21.8	-0.7		
EDRB	Edirne	0.11 116	ePg	Pg	10 43 21.8	-0.7		
PHSR	Pinarhisar	0.73 111	ePg	Pg	10 43 32.1	-0.5		
PHSR	Pinarhisar	0.73 111	eSg	Sg	10 43 44.3	+1.6		
PHSR	Pinarhisar	0.73 111	ePg	Pg	10 43 44.3	+1.6		
ALN	Alexandroupoli	1.08 203	ePn	Pb	10 43 37.6	-0.9		
ALN	Alexandroupoli	1.08 203	eSn	Pb	10 43 53.2	+0.2		
ALN	Alexandroupoli	1.08 203	ePn	Pb	10 43 37.6	-0.9		
ALN	Alexandroupoli	1.08 203	eSn	Pb	10 43 53.2	+0.2		
ERIK	Erikli-Kesan	1.23 183	ePn	Pn	10 43 39.8	-0.7		
ERIK	Erikli-Kesan	1.23 183	ePn	Pn	10 43 39.8	-0.7		
RKY	Sarkoy-Tekirda	1.28 160	ePn	Pn	10 43 41.3	0.0		
RKY	Sarkoy-Tekirda	1.28 160	ePn	Pn	10 43 41.3	0.0		
MRMT	Marmara Adasi	1.49 150	ePn	Pn	10 43 43.9	-0.3		
MRMT	Marmara Adasi	1.49 150	ePn	Pn	10 43 43.9	-0.3		
LPK	Lapseki	1.53 176	ePn	Pn	10 43 45.1	+0.4		
LPK	Lapseki	1.53 176	ePn	Pn	10 43 45.1	+0.4		
CTKS	Kestanelik??a	1.57 114	ePn	Pn	10 43 45.1	-0.1		
CTKS	Kestanelik??a	1.57 114	ePn	Pn	10 43 45.1	-0.1		
TIRR	Tirgusor	2.88 27	i/Pn	Pn	10 44 01.6	-1.7		
TIRR	Tirgusor	2.88 27	i/Pn	Pn	10 44 01.6	-1.7		
TIRR	Tirgusor	2.88 27	i/Pn	Pn	10 44 37.9	+0.5		
TLB	Topalu	2.89 21	i/Pn	Pn	10 44 01.0	-2.3		
TLB	Topalu	2.89 21	i/Pn	Pn	10 4			

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AKBAR Akbulak array, PETK Petropavlovsk, KMBO Kilima Mbogo, AKTO Aktyubinsk, VYDA Vanda, VVDA Vanda, SYO Seyma Base, SEY Seyman, MATP Matopo, ASF Jabal al Asfar, EIL Elat, QSPA South Pole Qui, BOSA Boshof, MMAI Mount Meron Arr, BRTR Keskin Array B, AKASG Malin Array Be, ARCES ARCESS Array B, YKA Yellowknife Ar, EDM Edmontown, NVAR Mina Array Bea, HUD Hailey, ECMT Eagleton, REDW Red Top Meadow, O2OA White River Ci, ECSD EROS Data Cent, TXAR Lajitas Array, CPUP Villa Florida, JCT Junction City, OLIL Olney, MIAR Mount Ida, ACSO Alum Creek Sta, UALR University of, SSSA Standing Stone, WWT Waverly, OXF Oxford, CPCT Cooper Cave, JMSW J. Sargeant Re, KMSC Kings Mountain.

ISK 21 11:47:29.6, 39:18N, 37:60E, h5km, MD2.7
CSEM 21 11:47:32.0, 7, 39:22N, 37:62E, h2km, MD2.8, Error ellipse: s-maj=15.4km s-min=10.2km az=53.0
DDA 21 11:47:32.0, 1, 39:22N, 37:56E, h1km, MD2.8
ISC 21 11:47:32.0, 1, 0, 39:20N, 0:03, 37:52E, 0.04, h8km, 8km, n13, c1912/25, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CUKAN kangal_SIVAS, CUKAN Gurin_S'VAS, DARE Darende-Malaty, DARE Darende-Malaty, SVSK Karacayir, SVSK Karacayir, AKCD Akcadag, AKCD Akcadag, PINB Pinarbasi, PINB Pinarbasi, PINB Pinarbasi, SARI SarD1z-Kayseri, ELZG Elazig, ELZG Elazig, ELZG Elazig.

MDD 21 11:55:31.6, 2.1, 36:79N, 12:40W, h0km, mb3.9/2, Error ellipse: s-maj=18.9km s-min=16.8km az=31.0, PRFXIMO
INMG 21 11:55:32.9, 9.1, 36:51N, 12:72W, h10km, ML2.1, Error ellipse: s-maj=6.7km s-min=5.0km az=88.0
CSEM 21 11:55:33.9, 0.5, 36:94N, 12:23W, h10km, ML2.8/7, Error ellipse: s-maj=8.2km s-min=6.9km az=75.0
ISC 21 11:55:31.1, 3, 36:9N, 0:1, 12:4W, 0.2, h10km, n62, c1929/110, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PFVI Vila Bisbo, PFVI Vila Bisbo, PTEO Sao Teotonio, PTEO Sao Teotonio, MORF Marlete, MORF Marlete, PMAFR Mafr, PMAFR Mafr, PMAFR Mafr, PMAFR Mafr, PNCL Nicolau / Gran.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PNCL Nicolau / Gran, PNCL Nicolau / Gran, Alcolchete, Alcolchete, Castro Verde, Castro Verde, Barranco-Do-Ve, Barranco-Do-Ve, Vaqueiros, Vaqueiros, Estremoz, Estremoz, Casimio, Casimio, Casimio, Conde, Barrancos, Barrancos, Barrancos, Barrancos, Mina Concepcio, Mina Concepcio, Marv?o, Marv?o, Marv?o, Marv?o, Castelo Branco, Castelo Branco, Castelo Branco, Viseu, Viseu, Viseu, El Cabril, El Cabril, El Cabril, El Cabril, Lamas de Oio, Lamas de Oio, Moncorvo, Moncorvo, Moncorvo, Moncorvo, Gaveira, Gaveira, Gaveira, Lobios, Lobios, Lobios, Lobios, Adamuz, Adamuz, Adamuz, Adamuz, Mazaricos, Mazaricos, Calor, Calor, Calor.

ISC 21 11:58:42.1, 15.0, 11:08S, 168:01E, h0km, mb3.6/3, mb1.3.8/4, mb1mx3.4/2, mbtmp3.6/4, ML3.5/1, Error ellipse: s-maj=260.2km s-min=45.3km az=67.0, Santa Cruz Islands region

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

ISK 21 12:02:35.8, 37:42N, 37:10E, h3km, MD2.6
CSEM 21 12:02:36.8, 0.5, 37:38N, 36:97E, h5km, MD2.6, Error ellipse: s-maj=21.4km s-min=10.2km az=109.0
ISCJB 21 12:02:37.8, 0.6, 37:40N, 0:05, 36:98E, 0.08, h21km, 6km, Error ellipse: s-maj=12.0km s-min=6.6km az=25.6
DDA 21 12:02:37.7, 37:34N, 37:09E, h5km, MD2.6
ISC 21 12:02:37.0, 9, 37:38N, 0:04, 37:06E, 0.05, h13km, 7km, n15, c1914/23, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HCB Kahramanmara, HCB Kahramanmaras, KMRIS Kahramanmaras, KAMA Osmaniy, KUZU Kuzuini, KUZU Kuzuini, AKCD Akcadag, AKCD Akcadag, SARI SarD1z-Kayseri, TAHT Tahtakopru-Hat, TAHT Tahtakopru-Hat, MALT Malaty, MALT Malaty, YAYL Yayladag, YAYL Yayladag.

DJA 21 12:09:53.0, 6, 0, 6, 0, 5, 6, 12, 3E, h112km, 7km, M4.2/9, mb4.3/1, mb4.8/1, MLv4.2/1, MLv4.1/9, Mw(mb)4.1/1, Malahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GTOI Gorontalo, LUWI Luwuk, LUWI Luwuk, MRSI Marisa, APSI Ampana, APSI Ampana, MPSI Mapaga, PAI Palu, SANI Sanana, LBMI Labuha, NLAI Namlea.

ISC 21 12:13:56.5, 3.2, 54:23N, 86:18E, h0km, mb1.3.0/1, mb1mx2.8/4, mbtmp3.0/1, ML2.7/1, 3C-3D, Error ellipse: s-maj=21.9km s-min=13.2km az=50.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo-Sl, ZALV Zalesovo-Sl, KURBB Kurchatov Arr, KURBB Kurchatov Arr, MK31 Makanchi Arr, MK31 Makanchi Arr, MKAR Makanchi Arr, MKAR Makanchi Arr, MKAR Makanchi Arr.

ISC 21 12:30:53.3, 1.6, 6:28S, 147:09E, h0km, mb3.6/3, mb1.3.9/5, mb1mx3.6/3, mbtmp3.6/5, ML3.8/1, Error ellipse: s-maj=44.6km s-min=17.9km az=118.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, PMG Port Moresby, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, ILAR Eielson Arr, ILAR Eielson Arr.

NEIC 21 12:35:30.7, 0.5, 5:92S, 149:01E, mb4.1/2, Error ellipse: s-maj=15.5km s-min=7.3km az=108.0
ISC 21 12:35:30.9, 0.9, 5:96S, 148:99E, h80km, 7km, mb3.8/9, mb1.4.0/1, mb1mx3.7/30, mbtmp4.1/1, MS2.9/3, Ms1.2.9/3, ms1mx2.6/2, Error ellipse: s-maj=24.7km s-min=9.4km az=108.0
ISCJB 21 12:35:31.0, 2.2, 5:95S, 0:09, 148:9E, 0.1, h95km, 21km, mb4.0/10, Error ellipse: s-maj=23.7km s-min=15.2km

ISC 21 12:35:31.1, 0.9, 5:93S, 0:09, 149:0E, 0.2, h80km, 7km, h80km, pp-P, n18, c068/24, mb4.1/10, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, PMG Port Moresby, COEN Coen, COEN Coen, HNR Honiara, WRAB Tennant Creek, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, DZM Mont Dzumac, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, MJAR Matsushiro Arr, MJAR Matsushiro Arr.

21d 13h

Table with columns: MAJO, Matsuhiro, 43.64 347 eP, P, 12 43 26.2 0.0, etc.

IDC 21 12:40.40.3.0.8, 14.31S;76.41W, h0km, mb3.9/8, mb1 4.2/13, mb1mx4.1/26, mbtmp4.0/13, ML3.5/4, MS3.7/12, Ms1 3.7/12, ms1mx3.6/16, Error ellipse: s-maj=17.8km s-min=12.9km az=60.0

ISCJB 21 12:40.42.0.3.0.1, 14.26S;0.05:76.29W;0.06, h23km, mb4.1/16, MS3.8/9, Error ellipse: s-maj=9.6km s-min=6.1km az=122.0

BJI 21 12:40.45.0.14, 20S;76.30W, h26km, Ms4.6/2, Ms7.4/4.2, NEIC 21 12:40.45.6.2.1, 14.23S;76.26W, h32km, 14km, mb4.3/8, ML4.4(ARE), Error ellipse: s-maj=11.4km s-min=5.6km az=55.0

NEIC Felt [III] at Ica. ISC 21 12:40.44.0.0.5, 14.29S;0.06:76.31W;0.08, h23km, n51, s135/45, mb4.2/16, MS3.7/9, 1C, Near coast of Peru

Main table for 21d 13h section, listing stations like NNA, NNA, NNA, etc. with station names, coordinates, and various parameters.

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Table with columns: WMQ, LZ, 13 00 28.8 -0.3, etc.

ISCJB 21 12:52:11.8:0.8, 48.20N;0.08:155.15E;0.1, h27km, mb3.6/10, MS3.0/2, Error ellipse: s-maj=16.9km s-min=3.6km az=43.0

MOS 21 12:52:11.6:1.6, 48.06N;155.30E, h38km, mb4.1/6, Error ellipse: s-maj=16.4km s-min=6.6km az=67.0

KRSC 21 12:52:12.9:2.1, 48.16N;156.67E, h15km, 7km, ML4.1 SKHL 21 12:52:12.0:0.3, 48.10N;155.35E, h32km, 6km, mb4.4/5, IDC 21 12:52:13.1:6.5, 47.91N;155.06E, h33km, 49km, mb3.5/10, mb1 3.7/12, mb1mx3.2/11, mbtmp3.7/12, ML3.0/2, MS3.0/4, Ms1 3.0/4, ms1mx2.7/31, Error ellipse: s-maj=29.9km s-min=17.9km az=134.0

ISC 21 12:52:12.6:0.9, 48.11N;0.1155:3E;0.1, h27km, n66, s157/63, mb3.8/10, MS3.0/3, 2D, Kuril Islands

Main table for 2010 AUG section, listing stations like SKR, SKR, SKR, etc. with station names, coordinates, and various parameters.

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Table with columns: FINES, FINES Array B, 63.47 335 P, P, 13 02 39.4 -0.2, etc.

NNC 21 13:06:05.0.2.0, 48.79N;68.49E, h0km, mb3.5, mpv3.2, 6C-6D, Error ellipse: s-maj=24.2km s-min=18.9km az=50.0, Central Kazakhstan

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

IDC 21 13:14:20.8:3.8, 18.65N;145.64E, h175km, 36km, mb3.2/7, mb1 3.5/9, mb1mx3.2/31, mbtmp3.7/9, Error ellipse: s-maj=30.7km s-min=13.9km az=100.0, Mariana Islands

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

GUC 21 13:18:01.0.0.6, 34.92S;72.30W, h26km, 3km, ML3.5, 2D, Near coast of central Chile

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

IDC 21 13:27:56.2:3.5, 2.42N;128.47E, h174km, 36km, mb3.1/7, mb1 3.2/8, mb1mx3.0/31, mbtmp3.6/8, MS3.1/1, Ms1 3.3/1, ms1mx2.4/17, Error ellipse: s-maj=49.5km s-min=14.0km az=84.0, Halmahera

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

ISCJB 21 13:39:01.8:0.7, 6.85S;0.1:155.58E;0.09, h33km, mb3.9/13, MS3.2/3, Error ellipse: s-maj=17.9km s-min=9.8km az=147.2

IDC 21 13:39:03.0:0.8, 6.81S;155.56E, h31km, 3km, mb3.9/13, mb1 4.0/14, mb1mx3.8/33, mbtmp4.0/14, ML1.8/1, MS3.2/4, Ms1 3.2/4, ms1mx2.9/19, Error ellipse: s-maj=22.1km s-min=14.4km az=118.0

ISC 21 13:39:03.4:0.7, 6.85S;0.1:155.6E;0.1, h35km, n23, s124/27, mb3.9/13, MS3.2/3, Bougainville - Solomon Islands region

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

21d 14h

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Table with columns for station name, frequency, power, and other technical details. Includes stations like Yuzh-Sakhalins, Nakatsue, Usuriysk Ar, Chichijima, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CD2, QIZ, BILL, KMI, NONG, SKNT, CRAI, KHON, LOEI, WMQ, CHAI, CMAR, ZALV, NVS, MKAR, RSO, KDKA, PPLA, TRF, KRAB, COLA, ILAR, ILAR, TKM2, DIV, BVAR, MENT, GSI, ARU, WRAB, WRA, WRA, WRA, ABKAR, DLBC, AKTO, SPITS, PRGR, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like AS31, ASAR, ASAR, ASAR, PALK, YKA, YKA, YKA, YKA, ARCES, ARCES, GEYT, GEYT, VRHR, VRHR, VRHR, OBN, OBN, OBN, LPSR, LPSR, LPSR, FINES, FINES, FINES, FINES, FINES, FINES, STKA, STKA, STKA, VSR, VSR, VSR, VORD, VORD, VORD, NEW, JMIC, YBH, K05A, KBZ, KBZ, KIV, KIV, KIV, MFID, LRM, DLMT, HFS, NB2, NOA, NOA, NOA, NOA, AKASG, AKASG, AKASG, AKASG, AKASG, BOZ, NVAR, IMW, KOLS, BRTR, BRTR, BRTR, BRTR, STHS, STHS, STHS, OJC, NIE, KSP, DPC, DPC, DPC, DPC, VYHS, VYHS, VYHS, CLL, CLL, CLL, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VRAC Vranov, PRU Pruhonice, KHC Kasperske Hory, GERES Geres Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like U65B Villa Florida, CPUP Villa Florida, CPUR Villa Florida, TRQA Torquist, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WHF baz=285, NNS Nan Shan, NNS baz=299, NSK Sangnung, etc.

NEIC 21 14:54:49.9, 0.3, 44.34N-115.50W, h5km, ML3.6, MW3.4(SLM), 1C-3D, Error ellipse: s-maj=4.3km s-min=3.8km az=75.0, Western ID#

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MFID Camas Ranch, MFID Hailey, HLHD Hailey, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SYO Syowa Base, YNDA Vanda, MAW Mawson, TOAD Torodi Ar. Bea, etc.

ISK 21 15:01:55.0, 39.91N-29.92E, h12km, MD2.5 CSEM 21 15:01:55.6, 0.2, 39.92N-29.94E, h2km, MD2.5, Error ellipse: s-maj=4.2km s-min=3.1km az=119.0 DDA 21 15:01:56.1, 39.90N-29.86E, h7km, MD2.8 ISC 21 15:01:55.9, 1.3, 39.90N-0.03, 29.92E, 0.03, h1km±1.1km, n2±, o514/2, Turkey

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

ISCJB 21 14:54:55.3, 0.3, 27.55S; 0.03, 67.45W, 0.05, h137km, mb4.5/19, Error ellipse: s-maj=6.1km s-min=4.1km az=11.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SJA 21 14:54:56.5, 0.6, 27.64S; 67.46W, h157km, 3km, ML4.6, etc.

JMA 21 14:56:05.6, 0.1, 23.77N; 122.89E, h54km, M2.1 TAP 21 14:56:07.2, 23.78N; 122.67E, h12km, 1km, ML2.8, 8 ISC 21 14:56:05.9, 1.5, 23.76N; 0.06, 122.91E; 0.03, h13km, n27, o575/54, Taiwan region

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

NDI 21 15:02:35.5, 3.8, 32.79N; 76.85E, h10km, ML3.5 IDC 21 15:02:38.7, 1.4, 32.44N; 76.54E, h0km, mb3.3/5, mb1.3/4/6, mb1mx3.2/48, mb2mx3.3/6, ML3.3/1, Error ellipse: s-maj=28.3km s-min=26.4km az=97.0 ISCBJ 21 15:02:40.1, 0.5, 32.59N; 0.03, 76.77E; 0.06, h14km, mb3.3/6, Error ellipse: s-maj=7.0km s-min=4.5km az=176.6

NNC 21 15:02:42.5, 5.7, 32.70N; 76.66E, h0km, mb3.6, mpv4.0, Error ellipse: s-maj=55.3km s-min=49.4km az=106.0 ISC 21 15:02:40.4, 0.6, 32.51N; 0.04, 76.61E; 0.06, h14km, n21, o249/23, mb3.4/6, 10C-5D, Kashmir India border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DLH Dalhousie, SDNR Sundarnagar, BHK Bhakra, SMLA Simla, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, etc. Includes stations like SWI Sorong, LBMI Labuha, etc.

NNC 21 16:24:28.7±9.1, 361.78N±70.50E, h0km, mb3.9, mpv3.5, Error ellipse: s-maj=73.1km s-min=34.2km az=3.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, etc. Includes stations like DZET Dzherino, SFK Sufti-Kurgan, etc.

ISCJB 21 16:35:38.0±0.5, 27.69N±0.05, 139.8E±0.1, h478km, mb3.2/8, Error ellipse: s-maj=12.5km s-min=5.6km az=169.9

JMA 21 16:35:40.5±0.1, 27.93N±140.61E, h503km, M3.7, Error ellipse: s-maj=22.1km s-min=12.0km az=89.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, etc. Includes stations like CBJ Chichi jima, JCJ Chichijima, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, etc. Includes stations like ASAJ Asahikawa, SCZP Santa Cruz, etc.

NIED 21 16:37:00.23±60N, 121.60E, h35km, Mw4.9 Best double couple: M2=31000, 1016 NP1=233, 00000, 820, 00000, 1.126, 00000, NP2=25, 00000, 874, 00000, 7.78, 00000

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, etc. Includes stations like TEGC Jichi Village, TEGC Shilin, etc.

ISC 21 16:24:31.3±3.6, 37.0N±0.2, 70.60E±0.08, h10km, n10, ±180/14, 4C-4D, Hindu Kush region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, etc. Includes stations like NACE Nanganchiao, WHF Hehuan Shan, etc.

ISC 21 16:35:39.9±0.6, 27.76N±0.06, 139.9E±0.1, h478km, n25, ±151/29, mb3.1/8, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, etc. Includes stations like CHN4 Tsushan, WGT Gukeng, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, etc. Includes stations like CHN1 Hsinchu, TWK Hsinbing, etc.

Table with columns for station name, frequency, power, and coordinates. Includes stations like TLY Talaya, IRK Irkutsk, PPI Padang Panjang, etc.

Table with columns for station name, frequency, power, and coordinates. Includes stations like USP Osenovka, SFK Sufi-Kurgan, AML Almayashu, etc.

Table with columns for station name, frequency, power, and coordinates. Includes stations like KIV KIV, NEY Neytrino, LPSR Galich ya Gora, etc.

21d 17h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Muntele Rosu, Arges, Kolonickie sedl, etc.

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

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

ISK 21 17:10:26.7, 38:97N-27:97E, h6km, MD2.5
ISCZB 21 17:10:27.0, 38:97N-27:67E, h8km, 5km,
Error ellipse: s-maj=9.5km s-min=4.8km az=161.5

ISC 21 17:27.9, 1.0, 38:98N-27:74E, h7km, MD2.8, Error
ellipse: s-maj=6.1km s-min=4.1km az=77.0

ISC 21 17:27.9, 1.0, 38:98N-27:75E, h9km, 7km,
n18, 0.95/34, Turkey

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

ISCJTB 21 17:11:18.6, 2.8, 20:55S-0:5, 177:8W, 0.4, h500km, mb3.5/6,
Error ellipse: s-maj=86.1km s-min=10.3km az=144.9

ISC 21 17:11:20.2, 2.9, 20:68S-1:7, 177:85W, h500km, 32km, mb3.1/6,
mb1 3.2/8, mb1mx3.0/29, mbtmp4.0/8, Error ellipse:
s-maj=63.1km s-min=24.2km az=143.0

ISC 21 17:11:20.1, 2.3, 20:55S-0:4, 177:8W, 0.3, h500km, n8,
0.15/10, mb3.4/6, Fiji Islands region

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

ISC 21 17:26:21.9, 2.7, 1:87S-99:36E, h0km, mb3.4/7, mb1 3.5/7,
mb1mx3.2/32, mbtmp3.4/7, MS3.2/2, Ms1 3.2/2,
ms1mx2.6/32, Error ellipse: s-maj=114.2km
s-min=19.2km az=60.0, Southern Sumatra

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

ISC 21 17:35:28.6, 1.2, 12:6'N-0:2'48'E, h10km, mb3.5/6,
Error ellipse: s-maj=32.0km s-min=8.3km az=15.1

ISC 21 17:35:28.2, 1.4, 12:23'N-48:30'E, h0km, mb3.5/6,
mb1 3.7/6, mb1mx3.4/52, mbtmp3.3/6, Error ellipse:
s-maj=67.7km s-min=27.7km az=165.0

ISC 21 17:35:29.8, 1.3, 12:6'N-0:3'48'E, 1.0, h10km, n8,
0.15/10, mb3.4/6, Eastern Gulf of Aden

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

DDA 21 17:58:27.6, 36:72N-28:00E, h3km, MD2.6

CSEM 21 17:58:27.3:1.2,36.65N:27.94E,h2km,MD2.6, Error ellipse: s-maj=26.6km s-min=10.0km az=14.0, Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like YER Yerkesik, VER Yerkesik, BDRM Kayabasi, etc.

IDC 21 18:14:05.5:2.3,10.63S:161.70E,h0km,ML3.7/1,3, mb1 3.7/4,mb1mx3.4/28,mbtmp3.5/4,ML3.7/1, Error ellipse: s-maj=51.5km s-min=34.9km az=90.0, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, DZM 0.5nm,0.3s,baz=0.0,slow=15,SNR=16, etc.

GUC 21 18:21:50.3:0.6,24.11S:67.55W,h230km,51km,ML4.3, IC-3D,Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PB06 IPOC Station P, CEN1 Los Morros, etc.

IDC 21 18:35:18.7:3.5,6.35S:153.49E,h0km,mb3 1/2, mb1 3.4/2,mb1mx3.1/37,mbtmp3.1/2,MS2.8/1,Ms1 2.8/1, ms1mx2.5/21, Error ellipse: s-maj=166.3km s-min=47.0km az=125.0, New Britain region

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

IDC 21 18:35:59.3:2.3,3.74N:126.75E,h0km,mb3.2/3, mb1 3.4/3,mb1mx3.2/47,mbtmp3.2/3, Error ellipse: s-maj=199.6km s-min=25.8km az=66.0, Talaud Islands

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

TAP 21 18:38:45.4,24.81N:121.92E,h10km,ML2.9,B JMA 21 18:38:46.0:0.1,24.77N:121.83E,h30km,ML2.6, NIED 21 18:39:00,24.80N:121.80E,h8km,ML4.4 Best double couple: M4.4,46000x1019,NP1%:59.00000%,6.38.00000%, lambda=102.00000%, NP2%:219.00000%,653.00000%

ISC 21 18:38:45.6:0.9,24.80N:0.02:121.94E:0.02,h18km,2km, n32,e0577/49,2C-3D,Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like EGS baz=40, ILA Ilan, TWB1 Santiao Chiao, etc.

Table with columns: TWD, Chiawan, Nanyang, NSTT, TWT, Hehuan Shan, JYNG, Yonagunijimaku, YOJ, Yonaguni jima, YOJ, Yonaguni jima, ESL, Shilin, NSY, Sanyi, TWQ1, Liyutan, SMLT, Sun Moon Lake, TYC, Yuch, ALS, Alishan, CHN5, Tsaling, WTP, Ta-pu, JISG, Ishigakijimahi. Includes time and residue data.

BUI 21 18:39:18.9,24.85N:121.91E,h4km,mb4,3/28,mb4.4/23, ML4.5/9,Ms4.4/29,Ms7.4/2,26 IDC 21 18:39:20.4:0.6,24.70N:121.86E,h0km,mb4.1/12, mb1 4.1/4,mb1mx3.9/45,mbtmp4.0/14,ML2.8/3,MS3.2/2, Ms1 3.2/2,ms1mx2.8/39, Error ellipse: s-maj=23.0km s-min=13.4km az=52.0

ISCJB 21 18:39:21.2:0.3,24.84N:0.02:121.99E:0.01,h9km,2km, mb4.2/26, Error ellipse: s-maj=2.6km s-min=2.1km az=176.1

TAP 21 18:39:21.6:0.8,24.81N:121.92E,h10km,ML4.7,B JMA 21 18:39:21.8:0.1,24.80N:121.85E,h31km,ML4.5, NEIC 21 18:39:21.6:0.8,24.77N:121.92E,h6km,5km,mb4.3/16, ML4.7(TAP), Error ellipse: s-maj=6.0km s-min=5.3km az=111.0

NEIC Reordered [4 TAP] in I-lan, [3 TAP] in T'ai-pai, [2 TAP] in Hua-lien and [1 TAP] in Hsin-chu, Miao-li, Nan-iou and Ta-yuan

ISC 21 18:39:22.6:0.4,24.77N:0.02:121.95E:0.02,h12km,2km, n142,e1964/209,mb4.2/26,3C-16D,Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like EGS baz=35, ILA Ilan, TWB1 Santiao Chiao, etc.

Table with columns: NSY, Liyutan, TWQ1, Sun Moon Lake, TCU, Taichung, TYC, Yuch, EHY, Hungye, WNT, Mingjian, WNT, Yuli, YULB, YULB, TWQ1, Yuli, ALS, Alishan, CHN5, Tsaling, WGK, Gukung, WGK, IRIF, Iriomote-Funau, IRIF, CHKT, Chengkung, WTCT, Ta-ch'eng, ELDTW, Liyutan, CHN2, Minshui, HATJ, Hateruma jima, CHN4, Tsauhsan, CHN4, Chiayi, TPUB, Ta-pu, TPUB, STYT, Tauyuan, STYT, WSF, Szu, HATJ, Ta-pu, WTP, Kuro-shima, JKRS, JKRS, TWK, Hsinying, TWK, JIJ, Ishigaki jima, JIJ, Nanshi, CHN1, Jiashan, SGST, Jiashan, SGST, Pinglan, TWG, Pinglan, TWG, Pinglan, CHN8, Yiju, TTN, Taitung, JISG, Ishigakijimahi, SCLT, Jiali, ECL, Taimai, SSS, Sandimen, TWM1, Shouhsan, SGLT, Jiouru, PNG, Penghu, JTJ, Tarama, WDTG, Dunjii, EAST, Anshuo, TAW, Tawu, SCZT, Fangliu, LAN, Lan-yu, TWP, Hsiaoiliuchi, JIRB, Kumejima, HEN, Hengchun, TWK1, Hengchun, JIKM, Ikenmajima, TSEB, Hengchun, Pin, QZH, Quanzhou, QZH, QZH, QZH, JOGS, Gusukube, KNN, Kinmen, JOG, Kumejima, JOW, Kunigami, JOW, Kunigami, JAMN, Amaminishikomi, NJ2, Nanjing, NJ2, NJ2, NJ2, GZH, Guangzhou, GZH, WHN, Wuhan, WHN, WHN, WHN

ISC 21 18:54:45.9;2.0,52.72N;0.1;169.38W;0.07,h8km;11km,
n47,c1521/46,mb3.8/8,Fox Islands

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

ISCJB 21 18:55:47.8;1.5, 11.09N;0.06;62.25W;0.05,h86km;14km,
Error ellipse: s-maj=10.8km s-min=7.3km az=160.3

FUNV 21 18:55:49.4;10.0M;62.21W,h95km,MW2.3
TRN 21 18:55:49.4;11.12N;62.15W,h85km,MD2.9

ISC 21 18:55:48.8;2.0,11.01N;0.07;62.25W;0.06,
h110km;14km,n9,c155/17,1C,Windward Islands

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

ISCJB 21 19:00:16.2;0.4,41.83N;0.02;15.88E;0.04,h28km;4km,
Error ellipse: s-maj=5.5km s-min=3.9km az=172.0

ROM 21 19:00:16.0;0.4,41.76N;0.35E;h29km,1km,d2.8/11,
Error ellipse: s-maj=3.3km s-min=3.0km az=47.0

CSEM 21 19:00:17.2;0.3,41.74N;15.86E,h25km,2km,MD2.8,
Error ellipse: s-maj=6.0km s-min=4.9km az=104.0

ISC 21 19:00:16.7;0.9,41.78N;0.03;15.87E;0.03,h27km;5km,
n42,c0593/59,Southern Italy

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

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

IDC 21 19:09:49.0;1.3,2.10S;136.40E,h0km,mb3.7/4,
mb1.3/7,mb1mx3.5/27,mbtm3.6/7,ML3.1/3,Error
ellipse: s-maj=33.2km s-min=21.7km az=58.0

ISCJB 21 19:09:51.6;0.8,2.22S;0.06;136.44E;0.06,h35km,
mb3.6/4,Error ellipse: s-maj=12.1km s-min=7.6km
az=156.2

AUST 19 19:09:56.2;6.3;93S;135.57E,h100km
ISC 21 19:09:53.1;0.8,2.24S;0.09;136.33E;0.07,h35km,n11,
s256/15,mb3.7/4,Irian Jaya region

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

TAP 21 19:18:20.0;24.79N;121.89E,h10km,ML3.1,B
JMA 21 19:18:20.0;24.78N;121.82E,h30km,MD2.8
ISC 21 19:18:19.7;0.8,24.81N;0.02;121.91E;0.02,h14km;5km,
n44,c0572/69,1C-6D,Taiwan

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like ESL, NSY, TWQ1, etc.

ISCJB 21 19:19:17.2;0.4,24.77N;0.02;121.97E;0.02,h1km;4km,
Error ellipse: s-maj=3.8km s-min=2.8km az=143.5
TAP 21 19:19:17.6;24.80N;121.89E,h11km,ML3.3,B
JMA 21 19:19:18.0;0.1,24.76N;121.82E,h29km,MD3.1
ISC 21 19:19:17.6;0.9,24.80N;0.02;121.90E;0.02,h18km;2km,
n49,c070/77,3C-8D,Taiwan

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like MTDU Mount Denham, BBJ Bamboo Saint A, ATAH Atahualpa, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like TKL Tuckaleechee C, NATX Nacogdoches, 833A Chaparral WMA, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like 133A Hamilton Ranch, Y35A Marietta, 430A Baggett Ranch, etc.

21d 20h

2010 AUG

1170

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like Coker Ranch, Arapahoe, Porterdale Farm, Tucker Farm, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like Villa Florida, Beatrice, Newcomb, Dighton, Walsh, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like Milford, Great Sand Dun, Great Sand Dun, Dale-Ortello, etc.

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J26A	Sides Ranch, S	43.22 333	P	P	20 28 16.1 +0.5	B30A	Myrvik Farm, E	45.68 341	P	P	20 28 34.3 -0.9	BOZ	comp-Z,471nm,19.0s	LR	LR		
E33A	Westby DABS, E	43.23 342	P	P	20 28 13.7 -1.8	H22A	Clearmont	45.72 332	P	P	20 28 35.7 +0.2	MCMT	McKenzie Canyo	49.16 327	eP	P	20 29 03.3 +0.7
EYMN	Ely	43.34 347	P	P	20 28 15.7 -0.6	C28A	Hauter Farms	45.75 339	P	P	20 28 35.0 -0.7	HLID	Hailey	49.21 325	eP	P	20 29 03.5 +0.7
EYMN	Ely	43.34 347	eP	P	20 28 15.3 -1.1	CTU	Camp Tracy	45.86 324	eP	P	20 28 37.4 +0.5	HLID	Hailey	49.21 325	eP	P	20 29 02.9 +0.1
EYMN	comp-Z,92nm,1.1s				20 29 58.7 +1.5	E25A	Miller Ranch	45.90 336	P	P	20 28 36.7 -0.2	DLMT	Dillon	49.38 328	eP	P	20 29 01.0 -3.1
I27A	Quinn	43.38 335	P	P	20 28 16.3 -0.5	TCUT	Trone Canyon	45.94 325	eP	P	20 28 38.4 +0.8	WAKR	Walker	49.49 317	eP	P	20 29 06.2 +1.1
H28A	Mission Ridge	43.44 336	P	P	20 28 16.0 -1.3	D26A	Manning	45.94 337	P	P	20 28 36.8 -0.4	SCHO	Schefferville	49.49 317	eP	P	20 29 05.1 +0.5
G29A	Hoven	43.45 337	P	P	20 28 15.9 -1.4	BW06	Boutier Farms	46.01 328	eP	P	20 28 37.7 -0.4	SCHO	comp-Z,428nm,19.0s	LR	LR		
O20A	White River Ci	43.48 326	P	P	20 28 19.0 +1.1	BW06	comp-Z,79nm,1.5s					SCHO	comp-Z,747nm,20.4s,baz=200,slow=36	LR	LR	20 49 57.5	
O20A	White River Ci	43.48 326	eP	P	20 28 18.4 +0.5	B29A	Wagenman Farm,	46.03 340	P	P	20 28 37.5 -0.3	SCHO	comp-Z,747nm,20.4s,baz=200,slow=36	LR	LR	20 29 05.5 +0.8	
GLA	Glamis	43.52 313	P	P	20 28 19.9 +1.7	GSC	Goldstone	46.07 315	eP	P	20 28 39.9 +1.5	LRM	Limekiln Ridge	49.61 321	eP	P	20 29 06.1 +0.1
GLA	Glamis	43.52 313	P	P	20 28 19.8 +1.7	GSC	Goldstone	46.07 315	eP	P	20 28 39.9 +1.5	EGMT	Eagleton	49.84 332	PFAKE	LR	20 29 20.0 +1.2
GLA	Glamis	43.52 313	eP	P	20 28 19.8 +1.7	H21A	Big Horn, Sher	46.07 315	eP	P	20 28 38.4 0.0	EGMT	EGMT	49.84 332	PFAKE	LR	
K24A	Anderson Ranch	43.57 331	P	P	20 28 19.6 +1.1	J19A	Crowheart	46.09 328	P	P	20 28 39.0 +0.4	HRY	Holler Research	49.91 330	eP	P	20 29 08.0 0.0
J25A	Sunshine Ranch	43.61 333	P	P	20 28 19.4 +0.6	A30A	Hoffart Farm,	46.10 341	P	P	20 28 37.4 -1.0	CMB	Columbia Cole	49.91 316	eP	P	20 29 08.4 +0.2
RCBR	Riachuelo	43.63 105	eP	P	20 28 18.9 -0.3	I20A	Worldan	46.11 330	P	P	20 28 39.5 +0.8	CMB	Columbia Cole	49.91 316	eP	P	20 29 08.4 +0.2
RCBR	comp-Z,21um,22.0s				20 28 18.1 -0.8	C27A	Saylor Ranch,	46.15 338	P	P	20 28 38.6 -0.3	MFID	Camas Ranch	49.93 324	eP	P	20 29 08.6 +0.3
E32A	Grates Kind	43.64 341	P	P	20 28 18.1 -0.8	DUG	Dugway	46.18 323	eP	P	20 28 40.2 +0.9	CHMT	Chamberlain Mo	50.76 329	eP	P	20 29 13.7 -0.9
F30A	Leola	43.66 339	P	P	20 28 17.8 -1.1	DUG	Dugway	46.18 323	eP	P	20 28 40.2 +0.9	WHOR	Wild Horse Val	51.05 322	eP	MLR	20 29 15.6 -1.2
Y12C	Blythe	43.66 314	P	P	20 28 21.0 +1.8	DUG	comp-Z,22nm,1.0s					WVOR	Wild Horse Val	51.05 322	eP	MLR	20 29 15.6 -1.2
PDMCJ	Parker Dam,Lak	43.67 315	P	P	20 28 20.7 +1.5	DUG	comp-Z,557nm,20.0s					MSO	Missoula	51.05 329	P	P	20 29 17.1 +0.4
I26A	New Underwood	43.70 334	P	P	20 28 19.3 -0.1	DUG	Dugway	46.18 323	eP	P	20 28 40.6 +1.3	MSO	Missoula	51.05 329	eP	P	20 29 17.1 +0.4
G28A	Parade	43.73 336	P	P	20 28 18.6 -1.0	DUG	Dugway	46.18 323	eP	P	20 28 40.2 +0.9	OHCN	Honcut	51.29 317	eP	P	20 29 20.3 +1.8
H27A	Howes	43.84 335	P	P	20 28 20.0 -0.5	DUG	Dugway	46.18 323	eP	P	20 28 40.2 +0.9	SWMT	Swart Lake	51.54 329	eP	P	20 29 20.3 0.0
E31A	Nome	43.88 340	P	P	20 28 19.4 -1.4	DUG	comp-Z,22nm,1.0s					NSHM	Saint Helena R	51.69 315	eP	P	20 29 23.2 +1.8
J24A	Dixon Ranch, L	43.97 332	P	P	20 28 22.7 +1.0	DUG	Dugway	46.18 323	eP	P	20 28 40.6 +1.3	YBMT	Yellow Bay	51.78 330	eP	P	20 29 22.4 +0.3
K23A	Bowen Ranch, D	43.99 331	P	P	20 28 22.7 +0.8	TRQA	comp-Z,557nm,20.0s					MOD	Modoc	51.80 320	eP	P	20 29 23.0 +0.5
I25A	Rochford	44.07 333	P	P	20 28 23.2 +0.7	TRQA	comp-Z,119nm,1.4s					JTMT	JTMT	51.84 329	eP	P	20 29 22.1 -0.5
SRU	San Rafael	44.12 323	eP	P	20 28 23.6 +0.5	TRQA	comp-Z,21um,19.0s					O03D	Paynes Creek	51.97 318	P	P	20 29 23.5 -0.2
SRU	San Rafael	44.12 323	eP	P	20 28 23.6 +0.5	HWUT	comp-Z,391nm,21.0s					BLMT	Blacktail Moun	52.05 330	eP	P	20 29 24.6 +0.3
H26A	Fairpoint	44.13 335	P	P	20 28 22.6 -0.2	B28A	Dugan Ranch, T	46.36 340	P	P	20 28 40.1 -0.4	BSMT	Bassoo Peak	52.16 329	eP	P	20 29 25.6 +0.5
SWSC	Sam W. Stewart	44.18 312	P	P	20 28 25.2 +1.9	A29A	Manning Farm,	46.39 341	P	P	20 28 40.2 -0.4	FFC	FFC	52.27 343	P	MLR	20 29 24.7 -0.8
E30A	Jud	44.19 339	P	P	20 28 22.4 -0.8	D25A	Fairfield	46.39 336	P	P	20 28 40.9 +0.1	FFC	FFC	52.27 343	P	MLR	20 29 25.0 -0.5
BC3	Big Chuckawall	44.28 313	P	P	20 28 25.7 +1.5	H20A	Greybull	46.43 330	P	P	20 28 41.4 +0.2	FFC	FFC	52.27 343	P	MLR	20 29 24.7 -0.8
RSSD	Black Hills	44.29 333	eP	P	20 28 24.7 +0.4	PASC	Pasadena Art C	46.52 312	eP	P	20 28 43.4 +1.5	F10A	Beach Ranch, E	52.27 326	eP	P	20 29 26.3 +0.5
RSSD	Black Hills	44.29 333	eP	P	20 28 24.7 +0.4	TPNV	Popoh Spring	46.53 317	eP	P	20 28 42.4 +0.3	WALA	Waterton Lakes	52.53 331	eP	P	20 29 26.6 -1.1
IRM	Iron Mountain	44.31 314	P	P	20 28 26.2 +1.7	I19A	Meeteetse	46.61 329	P	P	20 28 43.4 +0.7	M04C	Macdoel	52.73 319	P	P	20 29 30.0 +0.7
F28A	McLaughlin	44.33 337	P	P	20 28 23.6 -0.8	B27A	Peters Farms,	46.65 339	P	P	20 28 42.9 +0.2	KIPM	Iron Peak	52.88 316	eP	P	20 29 31.7 +1.3
K22A	Casper	44.36 330	P	P	20 28 25.3 +0.4	EDW2	Edwards Air Fo	46.71 313	P	P	20 28 44.9 +1.5	KCPM	Cahto Peak	52.89 316	eP	P	20 29 32.1 +1.5
K22A	Casper	44.36 330	eP	P	20 28 25.0 +0.2	BGU	Big Grassy Mou	46.76 323	eP	P	20 28 44.2 +0.3	N02D	North Center	52.90 318	P	P	20 29 32.9 -0.6
G27A	Dupree	44.39 336	P	P	20 28 24.1 -0.8	C25A	Fred Ranch, W	46.82 337	P	P	20 28 44.9 +0.7	K04D	Chiloquin, OR	53.10 320	P	P	20 29 32.8 +0.8
J23A	Dilts Ranch, B	44.44 331	P	P	20 28 26.1 +0.7	R11A	Troy Canyon, C	46.84 319	P	P	20 28 45.9 +1.2	J05D	Fort Rock, OR	53.11 321	P	P	20 29 33.4 +1.3
H25A	Fruitdale	44.49 334	P	P	20 28 25.4 -0.3	R11A	Troy Canyon, C	46.84 319	eP	P	20 28 45.9 +1.2	PINOR	Pine Mountain	53.17 322	eP	P	20 29 33.3 +1.0
E29A	Napoleon	44.51 339	P	P	20 28 24.9 -0.9	AHID	Auburn Hatcher	46.84 327	eP	LR	20 28 44.6 0.0	KMRM	Mail Ridge	53.22 317	eP	P	20 29 34.7 +1.7
G26A	Maurine	44.60 335	P	P	20 28 25.5 -1.0	MPMC	Manual Prospec	46.93 315	P	P	20 28 45.2 -0.1	YBH	Yreka Blue Hor	53.27 319	eP	P	20 29 32.7 +0.5
TMUT	Trail Mountain	44.65 323	eP	P	20 28 28.9 +1.4	H19A	Powell	47.05 330	P	P	20 28 46.6 +0.5	YBH	Yreka Blue Hor	53.27 319	eP	P	20 29 32.7 +0.5
D30A	Buchant	44.66 340	P	P	20 28 26.0 -1.0	A27A	Ledoux Ranch,	47.10 339	P	P	20 28 46.3 +0.1	G06A	Carlson Farm,	53.80 324	eP	P	20 29 38.3 +1.2
BAR	Barrett	44.70 311	eP	P	20 28 28.6 +1.0	DAC	Darin (Calif)	47.11 315	eP	P	20 28 47.0 +0.3	HAWA	Hanford	53.81 325	eP	P	20 29 36.9 -0.1
MSU	Marysville	44.76 321	eP	P	20 28 29.0 +0.8	DAC	Darin (Calif)	47.11 315	eP	P	20 28 47.0 +0.3	HAWA	Hanford	53.81 325	eP	P	20 29 36.9 -0.1
MSU	Marysville	44.76 321	eP	P	20 28 28.9 +0.8	REDW	Red Top Meadow	47.11 327	eP	P	20 28 47.0 +0.3	HUMO	HUMO	53.86 320	eP	P	20 29 41.2 +3.7
AGMN	Agassiz Nation	44.80 343	eP	P	20 28 26.8 -1.2	SNOW	Snow King Moun	47.13 327	eP	P	20 28 47.2 +0.3	D08A	Wollman Farm,	53.86 326	eP	P	20 29 38.2 +0.8
AGMN	Agassiz Nation	44.80 343	eP	P	20 28 26.6 -1.4	BLG	Laguna Peak	47.14 312	eP	P	20 28 45.5 -1.2	CROR	Criterion Ridg	53.87 323	P	P	20 29 38.9 +1.3
AGMN	AGMN	comp-Z,115nm,1.3s			20 30 11.9 +2.0	HVU	Hansel Valley	47.15 324	eP	P	20 28 47.1 +0.2	C09A	Chrisman Ranch	53.95 327	eP	P	20 29 38.5 +0.4
I23A	Meade Ranch, O	44.82 332	P	P	20 28 29.3 +0.8	HVU	Hansel Valley	47.15 324	eP	P	20 28 47.1 +0.2	FCC	Fort Churchill	54.06 350	eP	P	20 29 37.4 -1.2
F27A	Leimon	44.83 336	P	P	20 28 27.9 -0.5	LOHW	Long Hollow	47.15 328	eP	P	20 28 47.0 +0.1	FCC	Fort Churchill	54.06 350	eP	P	20 29 37.4 -1.2
BELC	Belle Mtn. Jos	44.84 313	P	P	20 28 29.0 +0.2	B25A	Knox Farm, Ray	47.24 337	P	P	20 28 47.9 +0.5	SACV	Santiago Islan	54.09 76	PFAKE	LR	20 29 50.0 +1.0
G25A	Newell	44.86 335	P	P	20 28 28.3 -0.4	TPAW	Teton Pass	47.25 327	eP	P	20 28 48.1 +0.3	SACV	Santiago Islan	54.09 76	PFAKE	LR	20 29 50.0 +1.0
E28A	Huff	44.90 338	P	P	20 28 28.5 -0.4	LAO	LASA Array	47.25 334	P	P	20 28 48.1 +0.6	I04A	Tendick Farm,	54.11 321	P	P	20 29 39.7 +0.4
J22A	Midwest	44.90 331	P	P	20 28 29.4 +0.3	LAO	LASA Array	47.25 334	P	P	20 28 48.1 +0.6	G05D	Warmic, OR	54.20 323	P	P	20 29 40.5 +0.5
D29A	Pettibone, Tap	44.91 339	P	P	20 28 28.2 -0.8	LAO	LASA Array	47.25 334	PFAKE	LR	20 29 00.0 +1.2	TRW	Toppensh Ridg	54.33 325	P	P	20 29 42.1 +1.2
PFO	Pinyon Flat Ob	44.98 313	LR	LR	20 49 16.1	MOOV	Moose Ponds	47.32 328	eP	P	20 28 48.2 0.0	VLL	VLL	54.54 323	P	P	20 29 44.1 +1.6
PFO	Pinyon Flat Ob	44.98 313	eP	P	20 28 31.3 +1.4	A26A	Wade Farm, Ken	47.34 339	P	P	20 28 48.2 +0.1	I03D	Drain, OR	54.65 321	P	P	20 29 43.3 +0.1
PFO	Pinyon Flat Ob	4															

21d 20h

Table with columns for location, time, and status. Includes entries like PMAFR Mafra, MORF Marmelele, MORF Nicolau / Gran, etc.

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Table with columns for location, time, and status. Includes entries like BPAW Redoubt South, RSO Redoubt South, PPLA Purkeyville, etc.

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Table with columns for location, time, and status. Includes entries like PRU Pruhonice, PRU Pruhonice, PRU Pruhonice, etc.

22d 2h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DEMI Demirci, SVRH Sivrihisar-ESK, KOT Kottamia, etc.

IDC 22 01:36:49.8±0.9, 3.65N, 126.63E, h0km, mb3.7/8, mb1 3.8/9, mb1mx3.6/39, mbtmp3.7/9, ML3.9/1, Error ellipse: s-maj=45.9km s-min=15.3km az=68.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SIJI Sorong, FITZ Fitoro Grossi, WRA Warramunga Arr, etc.

TAP 22 01:56:53.4±0.1, 24.82N, 121.92E, h9km, ML3.5, B JMA 22 01:56:54.1±0.1, 24.79N, 121.85E, h27km, M2.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EGS baz=251, ILA baz=251, TWC baz=12, TWB Suao, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HATJ Hateruma jima, CHN4 Tsaushan, CHN4 baz=219, etc.

ISK 22 01:59:09.7, 39.44N, 35.33E, h9km, MD2.7 CSEM 22 01:59:09.5±0.2, 39.41N, 35.33E, h5km, MD2.7, Error ellipse: s-maj=5.3km s-min=3.7km az=116.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YOZ Yozgat, YOZ baz=219, CUSAR Sarkisla-SIVAS, etc.

IDC 22 02:03:22.0±0.2, 0.47, 02N, 155.83E, h0km, mb3.7/9, mb1 3.9/10, mb1mx3.7/25, mbtmp3.7/10, ML2.6/1, Error ellipse: s-maj=48.4km s-min=26.8km az=158.0

MOS 22 02:03:27.7±1.1, 46.84N, 155.66E, h59km, mb4.0/3, Error ellipse: s-maj=31.7km s-min=28.0km az=6.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KUR Kuril'sk, PETK Petropavlovsk, PETK baz=219, YUK Yuzh-Kuril'sk, etc.

NIED 22 02:20:00, 37.50N, 142.60E, h23km, Mw3.6 Best double couple: M2, 37000°/104° NP1=183.0000°, 822.0000°, 1.66, 0.0000° NP2=29.0000°, 870.0000°, 1.99, 0.0000°

JMA 22 02:20:01.0±0.3, 37.54N, 142.64E, h18km, 4km, M3.6, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JIO Ouri, JIO baz=219, JFK Kawauchi, etc.

IDC 22 02:27:29.9±0.5, 3.60N, 126.53E, h0km, mb4.2/22, mb1 4.3/24, mb1mx4.2/32, mbtmp4.2/24, ML4.0/2, MS3.4/4, Ms1 3.4/4, ms1mx2.7/43, Error ellipse: s-maj=25.6km

ISCJB 22 02:27:34.8±0.3, 3.69N, 0.04x126.85E±0.04, h4km, mb4.3/31, MS3.4/4, Error ellipse: s-maj=6.9km s-min=4.6km az=144.3

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Error ellipse: s-maj=9.6km s-min=6.5km az=64.0, Code Station Name, Az, Az', Phase ID, Time, Res, ISC.

ISC 22 02:27:36.8±0.5, 3.70N, 0.07x126.83E±0.07, h48km, n54, c154/55, mb4.4/31, MS3.5/4, Taba Islands

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

IDC 22 02:28:00, 46.30N, 151.40E, h0km, Mw3.9 Best double couple: M2, 72000°/104° NP1=183.0000°, 822.0000°, 1.102, 0.0000° NP2=174.0000°, 865.0000°, 1.84, 0.0000°

IDC 22 02:28:35.4±3.0, 46.74N, 151.38E, h45km, 28km, mb3.7/17, mb1 3.9/21, mb1mx3.7/32, mbtmp3.9/21, ML1.3/2, MS3.8/2, Ms1 3.8/2, ms1mx2.7/41, Error ellipse: s-maj=31.1km s-min=14.1km az=159.0

MOS 22 02:28:35.6±1.6, 46.50N, 151.68E, h85km, mb4.2/8, Error ellipse: s-maj=14.0km s-min=8.9km az=56.3

ISCJB 22 02:28:37.0±0.4, 46.25N, 0.07x151.71E±0.08, h100km, mb3.9/22, Error ellipse: s-maj=12.0km s-min=3.9km az=144.2

SKHL 22 02:28:38.2±0.9, 46.32N, 151.67E, h109km, 8km, mb5.0/3, ms5.4/2

JMA 22 02:28:39.4±0.7, 46.32N, 151.44E, h30km, M4.5 NEIC 22 02:28:40.1±1.6, 46.29N, 151.52E, h116km, 16km, mb4.3/5, Error ellipse: s-maj=19.9km s-min=10.4km az=154.0

ISC 22 02:28:38.1±0.6, 46.25N, 0.07x151.76E±0.07, h100km, n112, c154/104, mb4.0/22, 5C-5D, Kuril Islands

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

NIED 22 02:28:00, 46.30N, 151.40E, h0km, Mw3.9 Best double couple: M2, 72000°/104° NP1=183.0000°, 822.0000°, 1.102, 0.0000° NP2=174.0000°, 865.0000°, 1.84, 0.0000°

IDC 22 02:28:35.4±3.0, 46.74N, 151.38E, h45km, 28km, mb3.7/17, mb1 3.9/21, mb1mx3.7/32, mbtmp3.9/21, ML1.3/2, MS3.8/2, Ms1 3.8/2, ms1mx2.7/41, Error ellipse: s-maj=31.1km s-min=14.1km az=159.0

MOS 22 02:28:35.6±1.6, 46.50N, 151.68E, h85km, mb4.2/8, Error ellipse: s-maj=14.0km s-min=8.9km az=56.3

ISCJB 22 02:28:37.0±0.4, 46.25N, 0.07x151.71E±0.08, h100km, mb3.9/22, Error ellipse: s-maj=12.0km s-min=3.9km az=144.2

SKHL 22 02:28:38.2±0.9, 46.32N, 151.67E, h109km, 8km, mb5.0/3, ms5.4/2

JMA 22 02:28:39.4±0.7, 46.32N, 151.44E, h30km, M4.5 NEIC 22 02:28:40.1±1.6, 46.29N, 151.52E, h116km, 16km, mb4.3/5, Error ellipse: s-maj=19.9km s-min=10.4km az=154.0

ISC 22 02:28:38.1±0.6, 46.25N, 0.07x151.76E±0.07, h100km, n112, c154/104, mb4.0/22, 5C-5D, Kuril Islands

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

Table with columns: YUK, comp=N, 143nm, 0.6s, smax, smax, etc. Includes stations like Nemuro 2, Rausu Severo-Kuril's, etc.

Table with columns: DANN, DANGSING, 55.30 276 eP, P, etc. Includes stations like Abkhal array, Min Array Bea, etc.

Table with columns: BAR, Barrett, 1.31 292 ePg, Pn, etc. Includes stations like Punta Banda, Punta Banda, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like FINES FINES Array B, WRA Warramunga Arr, KBZ Khabaz, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like VIVF Saint-Julien-I, IELO Elcoad, SJPF Ste Jean, etc.

NIED 22 03:32:00.44:10N,141.50E,h290km,Mw4.1 Best double couple: Mo 1.86000e1015 NP1.21.000000...

ISCJCB 22 03:32:15.3:0.3,44:05N,0:0141:52E:0:06, h235km,2km,mb3.6/17, Error ellipse: s-maj=7.5km...

MOS 22 03:32:15.1:0.8,44:08N,141:49E,h233km,mb4.0/10, Error ellipse: s-maj=19.0km s-min=10.2km az=83.1

JMA 22 03:32:16.1:0.2,44:06N,141:51E,h234km,mb3.9, Error ellipse: s-maj=13.9km s-min=10.8km az=119.0

ISC 22 03:32:16.3:0.6,44:06N,0:0151:52E:0:06,h230km,5km, n58, c0997/6, mb3.7/17, 4C-10D, Hokkaido region

ICD 22 03:34:42.9:1.3,36:31N,6:38E,h0km,mb3.3/3,mb1 3.3/7, mb1mx2.2/50, mbmp3.2/7, ML3.4/4, MS2.5/2, Mst 1 2/62, ms1mx2.2/29, Error ellipse: s-maj=27.0km s-min=20.2km az=161.0

CRAAG 22 03:34:44.8,36:38N,6:40E,Ml3.1 LDG 22 03:34:44.9,0.2,36:36N,6:38E,h10km,ML3.3/16, Error ellipse: s-maj=4.2km s-min=3.9km az=103.0

SFS 22 03:34:46.0,36:33N,6:79E,h30km,ML4.4 CSEM 22 03:34:48.2:0.3,36:72N,6:53E,h10km,ML3.2/4, Error ellipse: s-maj=8.3km s-min=6.6km az=111.0

ISC 22 03:34:47.4:1.6,36:74N,0:07:49E:0:06,h12km,12km, n70, c1697/3, mb3.5/3, Northern Algeria

ISCJCB 22 03:37:48.5:0.4,4:52S:0:04:35:92E:0:08,h10km, mb4.1/23, MS3.3/7, Error ellipse: s-maj=11.3km s-min=5.7km az=12.5

ISC 22 03:37:50.3:0.5,4:55S:0:05:35:93E:0:09,h10km,n35, c058/35, mb4.2/23, MS3.3/7, Tanzania

NEIC 22 03:37:50.2:0.3,4:58S:35:95E,h10km,mb4.3/7, Error ellipse: s-maj=9.9km s-min=6.1km az=101.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like JHR Hokuryu, JYR Yagishiri, JYG Yagishiri, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CAEH 'Ain El Ouahch, CKFL Kef-Lekhel, CASM Ain Smara, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like DODT Dodoma, Tanzania, KMBO Kilima Mbogo, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like YSS Yuzh-Sakhalins, USRK Ussuriysk Arr, MAT Matsushiro, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CLLI Livlia, CSOR Sort, SBF Sospel, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like DBIC Dimbokro, BRTR Keskin Array B, KEST Kesra, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ILAR Eielson Array, INK Inuvik, ARCES ARCES Array B, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ORIF Oriskany, ORIF Oriskany-Rattie, ETSF Etsaut, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like VIVF Saint-Julien-I, SJA 22 03:49:41.0:0.4,37:65S:75:05W, etc.

[[[at Angol, Los Angeles, Rancagua, Renaico and Temuco
 GUC 22:03:49:58.8,0.4,36:53S:73:72W,h19km,2km,ML5,4
 BUI 22:03:50:02.0,36:50S:73:70W,h19km,mB4.9/8,M5,0/8,
 M5.7/10
 MOS 22:03:50:03.6,1.2,36:43S:73:01W,h33km,m5.1/32,Error
 ellipse: s-maj=17.9km s-min=8.8km az=100.7
 ISCJB 22:03:50:03.1,0.7,36:56S:0:03:73:07W,0.05,h30km,5km,
 mB4.8/90,MS4.4/12,Error ellipse: s-maj=6.9km
 s-min=4.2km az=19.0
 IDC 22:03:50:03.6,0.5,36:54S:73:15W,h27km,3km,mB4.5/14,
 mB1.4,5/16,mB1mx4.5/18,mB4p4.6/16,ML3.5/2,ML3.3/13,
 MS1.4,2/13,ms1mx4.2/16,Error ellipse: s-maj=19.3km
 s-min=11.6km az=91.0
 ISC 22:03:50:03.4,0.4,36:57S:0:03:73:26W,0.05,h27km,2km,
 h27km;pP-N,534,,c1940/582,mB4.9/89,MS4.4/12,9C-2D,
 Near coast of central Chile

Code	Station Name	A° AZ°	Phase ID	Time	Res
				h m s	ISC
U14B	Concepcin	0.32 153f	Op	03 50 10.2	-0.7
U14B	comp=Z,34um,0.5s		AML	03 50 17.9	
U14B	Concepcin	0.32 153	ePg	Pb	03 50 10.3 -0.5
U14B	TALC	1.77 49	eSg	Sn	03 50 16.2 -1.8
TALC	TALC	1.77 49	eP	Pn	03 50 33.3 +1.1
U65B	Hualae	2.00 37	ePn	Sn	03 50 34.5 -1.0
U65B	CANVA	2.19 127	AML	eSn	03 50 54.9 -4.7
U65B	comp=Z,5um,0.7s		AML	03 51 27.8	
PSCH	Puerto Saavedr	2.22 183	iP	Pn	03 50 36.4 -2.1
PSCH	NICH	2.28 47	iP	Sn	03 51 05.0 0.0
NICH	Los Niches	2.28 47	iP	Sn	03 50 39.9 +0.7
NICH	Peumo	2.78 38	iP	Sn	03 51 11.2 -0.3
U69B	comp=N,9um,0.3s		AML	03 51 21.6 +2.8	
U69B	San Pedro	3.05 30	iP	Pn	03 50 49.1 -0.7
U73B	comp=E,8um,0.5s		AML	03 51 28.0 +2.6	
U73B	San Pedro	3.05 30	ePn	Sn	03 50 48.5 -1.4
U73B	TACH	3.48 34	eP	Sn	03 51 23.7 -1.7
ANTU	Antumapu	3.69 36	iP	Sn	03 50 55.6 -0.1
CLCH	Cerro Calan	3.88 36	iP	Sn	03 50 59.0 +0.2
ROCH	El Roble	4.04 28	eP	Sn	03 51 01.3 0.0
AUSP	Uspallata	5.39 44	iP	Sn	03 51 48.8 +2.7
ASAL	Salagasta	5.39 44	iP	Sn	03 51 03.2 -0.5
ASAL	Leontico	5.76 36	eP	Sn	03 51 23.7 +1.3
RTLS	Cerro Valdivia	6.11 41	iP	Sn	03 52 44.8 +3.2
RTVC	Coronel Fontan	6.47 41	Pn	Sn	03 51 23.3 -1.4
CFAA	comp=E,1.4nm,0.3s,baz=216,slow=13,SNR=102		Sn	03 52 46.1 +4.8	
CFAA	comp=E,0.9nm,0.3s,baz=224,slow=17,SNR=3.1		Sn	03 51 28.8 +1.1	
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 52 55.1 +2.4	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 51 32.6 +0.6	
CFAA	Coronel Fontan	6.47 41	Pn	Sn	03 50 27.7 +0.8
CFAA	comp=E,1.4nm,0.3s,baz=216,slow=13,SNR=102		Sn	03 51 36.4 -0.6	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 52 48.3 -1.6	
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 53 09.8	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 54 27.8	
CFAA	Coronel Fontan	6.47 41	Pn	Pn	03 51 36.4 -0.6
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 52 48.3 -1.6	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 53 09.8	
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 54 27.8	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 54 55.8	
CFAA	Coronel Fontan	6.47 41	Pn	Pn	03 51 36.4 -0.6
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 52 48.3 -1.6	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 53 09.8	
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 54 27.8	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 54 55.8	
CFAA	Coronel Fontan	6.47 41	Pn	Pn	03 51 36.4 -0.6
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 52 48.3 -1.6	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 53 09.8	
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 54 27.8	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 54 55.8	
CFAA	Coronel Fontan	6.47 41	Pn	Pn	03 51 36.4 -0.6
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 52 48.3 -1.6	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 53 09.8	
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 54 27.8	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 54 55.8	
CFAA	Coronel Fontan	6.47 41	Pn	Pn	03 51 36.4 -0.6
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 52 48.3 -1.6	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 53 09.8	
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 54 27.8	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 54 55.8	
CFAA	Coronel Fontan	6.47 41	Pn	Pn	03 51 36.4 -0.6
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 52 48.3 -1.6	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 53 09.8	
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 54 27.8	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 54 55.8	
CFAA	Coronel Fontan	6.47 41	Pn	Pn	03 51 36.4 -0.6
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 52 48.3 -1.6	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 53 09.8	
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 54 27.8	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 54 55.8	
CFAA	Coronel Fontan	6.47 41	Pn	Pn	03 51 36.4 -0.6
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 52 48.3 -1.6	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 53 09.8	
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 54 27.8	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 54 55.8	
CFAA	Coronel Fontan	6.47 41	Pn	Pn	03 51 36.4 -0.6
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 52 48.3 -1.6	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 53 09.8	
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 54 27.8	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 54 55.8	
CFAA	Coronel Fontan	6.47 41	Pn	Pn	03 51 36.4 -0.6
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 52 48.3 -1.6	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 53 09.8	
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 54 27.8	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 54 55.8	
CFAA	Coronel Fontan	6.47 41	Pn	Pn	03 51 36.4 -0.6
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 52 48.3 -1.6	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 53 09.8	
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 54 27.8	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 54 55.8	
CFAA	Coronel Fontan	6.47 41	Pn	Pn	03 51 36.4 -0.6
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 52 48.3 -1.6	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 53 09.8	
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 54 27.8	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 54 55.8	
CFAA	Coronel Fontan	6.47 41	Pn	Pn	03 51 36.4 -0.6
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 52 48.3 -1.6	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 53 09.8	
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 54 27.8	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 54 55.8	
CFAA	Coronel Fontan	6.47 41	Pn	Pn	03 51 36.4 -0.6
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 52 48.3 -1.6	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 53 09.8	
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 54 27.8	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 54 55.8	
CFAA	Coronel Fontan	6.47 41	Pn	Pn	03 51 36.4 -0.6
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 52 48.3 -1.6	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 53 09.8	
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 54 27.8	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 54 55.8	
CFAA	Coronel Fontan	6.47 41	Pn	Pn	03 51 36.4 -0.6
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 52 48.3 -1.6	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 53 09.8	
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 54 27.8	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 54 55.8	
CFAA	Coronel Fontan	6.47 41	Pn	Pn	03 51 36.4 -0.6
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 52 48.3 -1.6	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 53 09.8	
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 54 27.8	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 54 55.8	
CFAA	Coronel Fontan	6.47 41	Pn	Pn	03 51 36.4 -0.6
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 52 48.3 -1.6	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 53 09.8	
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 54 27.8	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 54 55.8	
CFAA	Coronel Fontan	6.47 41	Pn	Pn	03 51 36.4 -0.6
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 52 48.3 -1.6	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 53 09.8	
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 54 27.8	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 54 55.8	
CFAA	Coronel Fontan	6.47 41	Pn	Pn	03 51 36.4 -0.6
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 52 48.3 -1.6	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 53 09.8	
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 54 27.8	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 54 55.8	
CFAA	Coronel Fontan	6.47 41	Pn	Pn	03 51 36.4 -0.6
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 52 48.3 -1.6	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 53 09.8	
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 54 27.8	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 54 55.8	
CFAA	Coronel Fontan	6.47 41	Pn	Pn	03 51 36.4 -0.6
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 52 48.3 -1.6	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 53 09.8	
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 54 27.8	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 54 55.8	
CFAA	Coronel Fontan	6.47 41	Pn	Pn	03 51 36.4 -0.6
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 52 48.3 -1.6	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 53 09.8	
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 54 27.8	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 54 55.8	
CFAA	Coronel Fontan	6.47 41	Pn	Pn	03 51 36.4 -0.6
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 52 48.3 -1.6	
CFAA	comp=E,290nm,18.9s,baz=225,slow=41		Lg	03 53 09.8	
CFAA	comp=E,1.3nm,0.3s,baz=91,slow=16,SNR=6.3		Lg	03 54 27.8	

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like MSTX Muleshoe, U37A Salina, X29A Tulia, V34A Guthrie, V34A Oologah, X28A Dimmitt, U35A Pawnee, W30A Crockett Farms, V32A Arapaho, AMTX Amarillo, AMTX Amarillo, 121A Cookes Peak, T37A Cheneyville, U34A Anderson Ranch, W29A Amraillo, V31A Spring Creek, T36A Boggs Farm, T35A Sooner Cattle, U30A Spur Ranch, BLO Bloomington, BLO Bloomington, U32A Winter Ranch, T34A McClaskey Farm, S37A Fort Scott, U31A Nine Bar Ranch, V29A Stinnett, S36A Lake Cedric, TIC Toudodi, V28A Channing, KIC Kusan Boka, T33A Patterson Ranc, S35A Otter Creek Ra, DBIC Dimbokro, DBIC Dimbokro, DBIC Dimbokro, DBIC Alum Creek Sta, ACSD IRIS PASCAL I, U27A Dan Oppiter Fa, U30A WK&E Inc. Balk, LPM Los Pinos Moun, S34A Willow Spring, R37A Teagarden Farm, U29A Oasis Ranch, R36A Gordon, Harris, LAZ Ladron, U28A Mallet, CASY Casey, R35A Emporia Municipi, T30A Plains, 214A Organ Pipe Nat, ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, S32A Newby Ranch, U27A Thompson Grove, S31A Mullinville, R34A Isabella, Hill, T29A Hugoton, Q36A Arnold C. Orve, R33A Olander Ranch, Q35A Mercer Eighty, S30A Montezuma, T28A Walsh, HDIL Hopedale, HDIL Hopedale, S29A Ulysses, Q34A Chapman, R32A Long Quarter, R31A Burdett, S28A Munter, P36A Good Intent, A, R30A Dighton, T26A Comanche Natio, Q32A Mettler Ranch, P34A Walnut Farm, R, T25A Trinidad, T25A Trinidad, CBKS Cedar Bluff, S26A Kim, Q31A Ellis

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like W18A Petrified Fore, R28A Tribune, Q30A Quiter, P32A Huiting Farm, R27A Eads, P31A Guthrie, TSUM Tsumeb, R26A Arlington, SDCO Great Sand Dun, SDCO Great Sand Dun, N35A Tabor, BOSA Boshof, BOSA BOSA, BOSA Boshof, Y12C Blythe, WUAZ Wupatki, P28A Saint Francis, MDV Middlebury, BC3 Big Chuckawall, S22A 4UR Ranch, S22A 4UR Ranch, O30A NW Ranch, MVCO Mesa Verde, MVCO Mesa Verde, MVCO Mesa Verde, PFO Pinyon Flat Ob, P26A Davis Ranch, Q24A Divide, BELC Belle Mtn. Jos, N30A Hueftle Ranch, BGNE Belgrade, RPZ Rata Peaks, URZ Urewera, L32A Elgin, K35A Storm Lake, SMC0 Snowmass, N27A Anderson Farm, ISCO Idaho Springs, ISCO Idaho Springs, ISCO Idaho Springs, L31A Butterfield Fa, LBTB Lobatse, LBTB Lobatse, I35A Creekview Farm, SHPR Sheep Range, K30A Bassett, M25A Palm-Egeli Farm, J32A Parkston, ECSD EROS Data Cent, ECSD EROS Data Cent, N23A Red Feather La, SRU Red Feather La, SRU San Rafael, SRU San Rafael, O20A White River Ci, O20A White River Ci, MSU Marysville, MSU Marysville, K28A Ten Mile Ranch, MPMC Manual Prospect, TMUT Trail Mountain, K27A Flueckinger Fa, ISA Isabella, ISA Isabella, ISA Isabella, J29A Okreek, DAC Darwin (Calif), DAC Darwin (Calif), H32A Carlson Farm, H33A Prehn Over Nor, J27A Elkhorn Farm, MPU Maple Canyon, I28A Midland, NLU North Lily Min, R11A Troy Canyon, C, R11A Troy Canyon, R11A Troy Canyon, R11A Bowen Ranch, H29A Onida, K22A Casper, K22A Casper, DUG Dugway, DUG Dugway, DUG Dugway, CTU Camp Tracy

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like I25A Rochford, RSSD Black Hills, RSSD Black Hills, RSSD Black Hills, HWUT Hardware Ranch, HWUT Hardware Ranch, HWUT Fruitdale, NV01 Mina Array Sit, NVAR Mina Array Bay, NVAR Mina Array Bay, NVAR Mina Array Bay, NVAR 9 Mile Ranch, BW06 Boulder Array, J20A Shoshoni, G26A Maurine, EYMN Ely, F28A McLaughlin, I21A Big Trails, J19A Crowheart, HVU Hansel Valley, HVU Hansel Valley, TOAO Torodi Ar. Sit, TOAO Torodi Ar. Sit, TORO Torodi Ar. Be, TORO Torodi Ar. Be, TORO Torodi Ar. Be, TORO Torodi Ar. Be, ELK Elko, ELK Elko, ELK Elko, ELK Lemmon, CMB Columbia Colle, CMB Columbia Colle, I20A Columbia Colle, D30A Buchanan, H21A Big Horn, Sher, F25A Bowman, I19A Meeteetse, REDW Red Top Meadow, H20A Greybull, SNOW Snow King Moun, LOHW Long Hollow, TPAW Teton Pass, AGMN Agassiz Natio, AGMN Agassiz Natio, AGMN Agassiz Natio, AGMN Agassiz Natio, FXWY Fox Creek, IMW Indian Meadow, B32A Ashes, Strandq, FLWY Flagg Ranch, D26A Manning, B30A Myrvik Farm, E, YMR Madison River, B29A Wagenman Farm, QLMT Earthquake Lak, HLID Halley, HLID Halley, A29A Manning Farm, MFID Camas Ranch, MCMT McKenzie Canyo, WVOR Wild Horse Val, WVOR Wild Horse Val, WVOR Modoc, MOD Modoc, LSZ Lusaka, LSZ Lusaka, LSZ Lusaka, K05A Summer Lake, G08A Pilot Rock, WALA Waterton Lakes, TAM Tamarasnet, TAM Tamarasnet, TAM Tamarasnet, TAM Mont Dzumac, ESDC Sonseca Array, ESDC Sonseca Array, ESDC Sonseca Array, GERS GERS Array B, GERS GERS Array B, GERS GERS Array B, KHC Kasperke Hory, CLL Collim, CLL Collim, PRU Prunhonic, GOPC GO Percy, TREC Trest, UPC Ulice, VYHS Vyhne, VYHS Vyhne, WRA Warramunga Arr, WRA Warramunga Arr

22d 5h

ISC 22 04:51:59.5, 0.5, 21.97S, 0.08, 68.26W, 0.09, h117km, n42, f=122/41, mb4.0/20, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Limon Verde, Las Campanas, San Ignacio, etc.

ISC 22 04:53:53.7, 38.71N, 32.46E, h5km, MD2.8
ISC 22 04:53:54.1, 0.8, 38.73N, 0.05, 32.48E, 0.04, h2km, 13km, Error ellipse: s-maj=8.7km s-min=5.5km az=8.9

CSEM 22 04:53:54.2, 0.1, 38.72N, 32.47E, h5km, MD2.6, Error ellipse: s-maj=4.0km s-min=2.7km az=16.0
DDA 22 04:53:57.6, 38.59N, 32.04E, h5km, MD2.6

ISC 22 04:53:54.4, 1.1, 38.72N, 0.04, 32.47E, 0.03, h13km, 10km, n12, c0541/22, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Kadinhani, Cihanbeyli, Kizilca, etc.

ISC 22 04:58:50.0, 0.3, 24.39N, 0.02, 122.12E, 0.02, h20km, 5km, Error ellipse: s-maj=4.3km s-min=2.9km az=154.3

JMA 22 04:58:49.2, 0.1, 24.32N, 122.05E, h15km, 4km, M2.3
TAP 22 04:58:51.0, 24.41N, 121.96E, h13km, ML2.9, D

ISC 22 04:58:49.3, 0.9, 24.37N, 0.03, 122.08E, 0.02, h17km, 7km, n38, c059/61, 2C, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ENA, TWC, EGS, etc.

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Table with columns: NNS, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Nan Shan, Sano Chiao, Sanguang, etc.

ISC 22 05:03:36.2, 0.5, 24.80N, 0.02, 121.96E, 0.03, h6km, 6km, Error ellipse: s-maj=4.9km s-min=3.6km az=36.1

JMA 22 05:03:36.4, 24.77N, 121.90E, h15km, M2.5
TAP 22 05:03:36.3, 24.81N, 121.95E, h8km, ML3.1, D

ISC 22 05:03:36.2, 0.9, 24.81N, 0.02, 121.94E, 0.02, h10km, 7km, n34, c0543/43, 1C-3D, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like EGS, ILA, TWB1, etc.

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Table with columns: JKRS, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Kuro-shima, Ishigaki jima.

TAP 22 05:03:39.6, 24.81N, 121.95E, h2km, ML3.0, D, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like EGS, ILA, TWC, etc.

ISC 22 05:09:11.4, 0.7, 38.60N, 0.03, 26.42E, 0.05, h10km, 12km, Error ellipse: s-maj=7.1km s-min=5.2km az=169.3

ISC 22 05:09:11.5, 0.2, 38.59N, 26.44E, h10km, MD2.2, Error ellipse: s-maj=4.3km s-min=3.8km az=113.0

DD 22 05:09:12.1, 38.54N, 26.44E, h7km, MD2.6
ISC 22 05:09:11.5, 0.1, 38.50N, 0.04, 26.44E, 0.03, h13km, 13km, n11, c0533/20, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like URLA, ZIR, ZIR, etc.

ISC 22 05:29:21.8, 1.2, 33.96S, 0.05, 71.4W, 0.1, h21km, 7km, Error ellipse: s-maj=18.9km s-min=4.6km az=23.9

GUC 22 05:29:22.3, 0.2, 33.95S, 71.22W, h49km, 2km, ML3.3
SJA 22 05:29:43.2, 1.2, 32.94S, 69.75W, h44km, 9km, ML2.6

ISC 22 05:29:22.5, 1.7, 33.96S, 0.06, 71.3W, 0.1, h25km, 13km, n19, c133/29, 2C-3D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like TACH, RCDM, ANTU, etc.

ISC 22 05:29:23.9, 0.5, 19.55N, 0.05, 145.4E, 0.1, h147km, mb3.8/14, Error ellipse: s-maj=19.2km s-min=6.2km az=173.2

IDC 22 05:29:25.2, 6.2, 19.47N, 145.38E, h153km, 22km, mb3.6/14, mb1.3/7.19, mb1mx3.7/32, mbtmp4.1/19, MS2.5/2, Ms1 2.5/2, ms1mx2.3/33, Error ellipse: s-maj=21.4km s-min=11.7km az=89.0

ISC 22 05:29:25.2, 0.7, 19.54N, 0.06, 145.4E, 0.2, h147km, n19, c0590/22, mb3.9/14, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CYA, Choya.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GUM0 Guam, JCJ Chichijima, WRA Warramunga Arr, etc.

Table with columns: EFOR, EFORIE, LOT, Lotru, SORM, SORCA, SRE, Strehia, DRGR, DRGR, DRGR, BZS, Buzias, KUBS, Kuvoy, ZAPS, Zavoj, BARS, Barje, GURU, Gruza, SELS, Selova, DIVS, Divbare. Includes times and phases.

IDC 22 05:55:11.8:2.0, 6.28S:151.39E, h0km, mb3.5/4, mb1 3.8/4, mb1mx3.5-19, mbtmp3.6/4, Error ellipse: s-maj=106.4km s-min=27.5km az=129.0, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ALAR Eielson Array, FITZ Fitzroy Crossi, ILAR Eielson Array, TORD Torodi Ar, Beu.

BUI 22 06:13:45.3, 5.20S:81.00W, h28km, mb4.8/1, Ms5.0/1, Ms7.4/2

NEIC 22 06:13:45.3:0.5, 5.17S:80.97W, mb4.5/23, ML2.2(ARE), Error ellipse: s-maj=5.9km s-min=4.6km az=30.0

NEIC 22 06:13:46.0:3.5, 0.2S:0.04:80.93W, h43km, mb4.3/1, MS3.7/7, Error ellipse: s-maj=8.1km s-min=5.3km az=144.4

IDC 22 06:13:47.0:3.5, 5.01S:81.06W, h39km, mb3.6/10, mb1 3.8/13, mb1mx3.7/21, mbtmp3.8/13, ML2.4/2, MS3.7/9, Ms1 3.7/9, ms1mx3.5/17, Error ellipse: s-maj=27.9km s-min=17.6km az=62.0

IDC 22 06:13:47.4:0.5, 5.06S:0.06:81.00W, h43km, n152, s125/149, mb4.4/31, MS3.6/7, Near coast of northern Peru

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ATAH Atahualpa, ATAH Atahualpa, OTAV Otavalo, NNA Nana, NNA Nana, PAYG Puerto Ayora, ROSC Rosco, JTS JuntasAbangare, SDV Santo Domingo, SAML Samuel, LVC Limon Verde, LVC Limon Verde, PTGA Pitinga, PTGA Pitinga, SIV San Ignacio, SJOJ Arevalo Observ, AOP San Juan, SJG San Juan, CPD Cerro la Pandu, HUMF Col San Antoni, CFIA Coronel Fontan, CPUP Villa Florida, CPUP Villa Florida, BDFB Brasilia, BDFB Brasilia, 632A Uvalde, 532A Rocksprings, 531A Rocksprings, KMSC Kings Mountain, 431A Sonora, CPCT Cooper Cave, 529A Stev Forest Ra, TXAR Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array, 430A Baggett Ranch, TKL Tuckaleeches C, 429A Davenport Ranc, MIAR Mount Ida, MIAR Mount Ida, Y37A Hugo, 329A Wagon Wheel Ra, X38A Whitesboro, X37A Whitesboro, W38A Poteau, W37A Quinton, V37A Hulbert, Y31A Rekieta Farm, V36A Jenks, TUL1 Tulsa, TUL1 Tulsa, V35A Meyer Ranch, C.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like U36A Oologah, W32A Sentinel, V34A Guthrie, V34A Guthrie, X30A Coker Ranch, T, V33A Lossen Ranch, T37A Mercedes Hill, MSTX Muleshoe, U34A Anderson Ranch, T36A Boggs Farm, Ca, T35A Sooner Cattle, S37A Fort Scott, T34A McClaskey Farm, S36A Lake Cedric, C, ACOS Allam Creek Sta, S32A New River Ranch, R34A Isabella, Hill, Q35A Merce Eighty, HDIL Hopedale, Q34A Chapman, P36A Good Intent, A, S29A Ulysses, R31A Burdett, Q30A Connelly Farm, R33A Digiton, R34A Walnut Farm, R, Q32A Metler Ranch, CBKS Cedar Bluff, Q31A Ellis, R29A Marienthal, Q34A Beatrice, Q30A Quinter, R28A Tribune, R32A Hitting Farm, P31A Stockton, R26A Arlinton, SDCO Great Sand Dun, SDCO Great Sand Dun, I29A 4R Ranch, Culb, ISCO Idaho Springs, SPMN St. Paul, J29A Okreek, I29A Vivian Onida, I27A Quinn, G30A Faulkton, I25A Rochford, J21A Lysite, I22A 9 Mile Ranch, J20A Shoshoni, I21A Big Trails, Te, HWUT Hardware Ranch, F26A Loopeole, I20A Worland, H21A Big Horn, Sher, AGMM Agassiz Angus, AGMM Agassiz Angus, E26A Carlson Angus, B32A Ashes, Strandq, H20A Greybull, MDND Maddock, NVAR Minn Array Bea, TPWA Teton Pass, IMW Wild Meadow, RLMT Red Lodge, A29A Manning Farm, YMR Madison River, GCMT Greycliff, HLID Haley, HLID Haley, MCMT McKenzie Canyo, BOZ Bozeman (W), BOZ Bozeman (W), BOZ Bozeman (W), MFID Camas Ranch, EGMT Eggleton, MSO Missoula, MSO Missoula, K05A Summer Lake, BSMT Bassou Peak, G08A Pilot Rock, WALA Waterton Lakes, EDM Edmonton, DBIC Dimbokro, VNA2 Vesper-Watz, SNAA Snaae, ESCD Sonsea Array, TORD Torodi Ar, Bea, TORD Torodi Ar, Bea, TORD Torodi Ar, Bea.

IS/CJB 22 05:30:44.5:0.6, 45.79N:0.04:26.84E, h131km, 4km, Error ellipse: s-maj=5.9km s-min=4.6km az=11.1

BUC 22 05:30:45.6:0.7, 45.82N:26.86E, h12km, 6km, MD3.9/3, Error ellipse: s-maj=5.3km s-min=4.1km az=18.0

CSEM 22 05:30:45.4:0.3, 45.77N:26.81E, h12km, 2km, MD3.9, Error ellipse: s-maj=6.0km s-min=4.1km az=15.0

ISC 22 05:30:44.1:4.4, 45.83N:0.04:26.85E, h137km, 7km, n87, o598/121, 36C-24D, Romania

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like VRI Vrincoiaia, VRI Vrincoiaia, VRI Vrincoiaia, PLOR Plostina, PLOR Plostina, PLOR Plostina, PLOR Plostina, PETR Petresti, PETR Petresti, PETR Petresti, PETR Petresti, TESR Tescani, TESR Tescani, TESR Tescani, TESR Tescani, MLR Muntele Rosu, MLR Muntele Rosu, MLR Muntele Rosu, MLR Muntele Rosu, ISR Istrita, ISR Istrita, ISR Istrita, ISR Istrita, PGOR Pogoanele, PGOR Pogoanele, PGOR Pogoanele, SECR Secre, SECR Secre, SECR Secre, SECR Secre, GIUM Giurgulesti, GIUM Giurgulesti, GIUM Giurgulesti, CFR Carcaliu, CFR Carcaliu, CFR Carcaliu, CFR Carcaliu, CFR Carcaliu, SULR Sulr, SULR Sulr, VOIR Voir, VOIR Voir, VOIR Voir, VOIR Voir, TLB Topalu, TLB Topalu, TLB Topalu, TLB Topalu, TLCR Tlcr, TLCR Tlcr, TLCR Tlcr, CIOR Ciorogaria, CIOR Ciorogaria, CIOR Ciorogaria, CIOR Ciorogaria, BUC1 Bucharest, BUC1 Bucharest, BUC1 Bucharest, ARR Arges, ARR Arges, ARR Arges, ARR Arges, CVD Cernavoda, CVD Cernavoda, CVD Cernavoda, TIRR Tirusor, TIRR Tirusor, TIRR Tirusor, TIRR Tirusor, HUMR Humele, HUMR Humele, HUMR Humele, HUMR Humele, MSAB Monastery St. A, MSAB Monastery St. A, MSAB Monastery St. A, MSAB Monastery St. A, EFOR EFORIE.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res. Includes stations like ILAR Eielson Array, QSPA South Pole Qui, QSPA NOA, etc.

TAP 22 06:21:00.9, 24.828N, 121.966E, h11km, ML2.8, D
JMA 22 06:21:02.0, 0.1, 24.79N, 121.90E, h26km, M1.2
ISC 22 06:21:01.0, 0.8, 24.83N, 0.003, 121.97E, 0.003, h12km, 5km, n25, e0569/40, 1C-3D, Taiwan

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

IDC 22 06:43:16.9, 0.8, 42.66N, 85.07E, h0km, mb3.7/12,
mb1 3.8/17, mb1mx3.7/33, mbtmp3.7/17, ML3.2/5, MS2.6/4,
Ms1 2.6/4, ms1mx2.4/31, Error ellipse: s-maj=2.7, 0km
s-min=14.1km az=52.0
ISC/JB 22 06:43:18.5, 0.5, 42.99N, 0.05, 84.96E, 0.04, h10km,
mb3.6/11, MS2.7/11, Error ellipse: s-maj=6.8km
s-min=4.2km az=10.9
BUJ 22 06:43:19.3, 42.68N, 84.94E, h5km, mb3.7/11, ML3.7/11,
Ms3.5/2, Ms7.3/22
NNC 22 06:43:24.2, 2.2, 42.95N, 84.65E, h0km, mb3.9, mpv3.5,
Error ellipse: s-maj=19.1km s-min=9.0km az=142.0
ISC 22 06:43:20.0, 0.6, 42.84N, 0.07, 84.88E, 0.04, h10km, n31,
e250/35, mb3.7/11, 15C-1D, Northern Xinjiang

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

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

ISC/JB 22 07:06:54.0, 0.3, 18.20N, 0.03, 100.86W, 0.03, h73km, 3km,
mb4.0/26, Error ellipse: s-maj=4.8km s-min=3.7km
az=40.2
NEIC 22 07:06:55.8, 18.22N, 100.91W, h58km, mb4.0/26,
MD4.1 (MEX), After MEX.
MEX 22 07:06:55.8, 0.8, 18.22N, 100.91W, h58km, 15km, MD4.1
IDC 22 07:06:58.9, 3.1, 18.46N, 100.65W, h91km, 26km, mb3.8/11,
mb1 3.9/14, mb1mx3.8/24, mbtmp4.0/14, MS2.8/3,
Ms1 2.9/3, ms1mx2.6/28, Error ellipse: s-maj=28.1km
s-min=16.9km az=44.0
ISC 22 07:06:55.1, 0.7, 18.21N, 0.03, 100.90W, 0.03, h66km, 7km,
n215, e152/235, mb4.1/26, Guerrero

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

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res. Includes stations like PNIG, CMIG, 933A, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like TUL1, U27A, U30A, U33A, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like H27A, I20A, SNOW, TPAW, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like AKTO, ZALV, SONM, CMAR, etc.

ISK 22 07:30:56.4, 37:26N-28:21E, h3km, MD2.6, ML2.7
CSEM 22 07:30:57.5, 0.2, 37:24N-28:19E, h2km, MD2.6, Error
ellipse: s-maj=4.2km s-min=3.0km az=32.0
DDA 22 07:30:57.3, 37:23N-28:19E, h7km, MD2.8
ISC 22 07:30:57.6, 1.1, 37:25N-0:02, 28:19E, 0.02, h3km, 11km,
n30, c084/51, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like YER, YER, YER, etc.

HEL 22 07:32:15.8, 0.4, 67:61N-34:17E, h0km, ML2.0, Explosion
ISCJB 22 07:32:16.3, 1.3, 67:57N-0:03, 33:5E, 0.2, h0km, Error
ellipse: s-maj=10.8km s-min=4.4km az=4.6
CSEM 22 07:32:17.2, 0.9, 67:56N-33:70E, h2km, ML2.8, Error
ellipse: s-maj=17.9km s-min=7.7km az=94.0, Mining
explosion.

NAO 22 07:32:18.8, 1.1, 67:70N-33:60E, ML2.8
IDC 22 07:32:19.1, 1.9, 67:66N-33:60E, h0km, mb1 3.4/5,
mb1mx3.2/29, mbtmp3.4/5, ML2.8/5, Error ellipse:
s-maj=20.0km s-min=8.8km az=81.0

ISC 22 07:32:15.5, 1.7, 67:59N-0:04, 33:92E, 0:10, h0km, n30,
r1822/52, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like APA0, APA0, APA0, etc.

WMOK	comp=Z,2.0nm,0.9s	63.15	331	eP	P	08 16 43.3	-0.9
WMOK	Wichita Mounta	63.17	333	P	P	08 16 44.1	-0.2
V35A	Meyer Ranch, C	63.19	330	P	P	08 16 44.7	+0.2
Y31A	Rekieta Farm,	63.19	327	P	P	08 16 44.4	-0.2
128A	Castleberry Fa	63.26	335	P	P	08 16 44.7	-0.1
U36A	Oologah	63.31	328	P	P	08 16 44.8	-0.6
Z29A	Hungry Hill Ra	63.35	332	P	P	08 16 46.5	+1.0
W33A	Caddo, Fort Co	63.42	329	P	P	08 16 46.4	+0.3
Y30A	Stafford Cattl	63.52	333	P	P	08 16 46.2	+0.2
V34A	Guthrie	63.52	333	eP	P	08 16 46.2	-0.4
T37A	Cheneyville 18	63.57	336	P	P	08 16 46.9	0.0
X31A	McDonald Ranch	63.60	330	P	P	08 16 47.5	+0.3
U35A	Pawnee	63.65	334	P	P	08 16 47.7	+0.3
Z28A	Tucker Farm, M	63.68	328	P	P	08 16 47.3	-0.5
W32A	Sentinel	63.68	331	P	P	08 16 47.8	+0.1
Y29A	Porterfield Fa	63.78	328	P	P	08 16 48.3	-0.2
V33A	Lossen Ranch,	63.84	332	P	P	08 16 48.8	+0.2
X30A	Coker Ranch, T	63.87	329	P	P	08 16 48.6	-0.4
T36A	Boggs Farm, Ca	63.89	335	P	P	08 16 49.3	+0.3
SFIN	Scholer Farm	63.96	343	P	P	08 16 49.3	-0.1
MNTX	Cornudas Mount	64.00	324	P	P	08 16 49.2	-0.7
MNTX	Cornudas Mount	64.00	324	eP	P	08 16 49.0	-0.9
T35A	Sooner Cattle	64.02	334	P	P	08 16 50.5	+0.6
U34A	Anderson Ranch	64.04	333	P	P	08 16 50.4	+0.4
U34A	Anderson Ranch	64.04	333	eP	P	08 16 49.9	0.0
V32A	Arapaho	64.08	332	P	P	08 16 50.7	+0.4
S37A	Fort Scott	64.09	336	P	P	08 16 50.5	+0.2
Y28A	McKinney Farm,	64.10	328	P	P	08 16 50.4	-0.2
X29A	Tulia	64.27	329	P	P	08 16 51.5	-0.2
U33A	Lingo Farm, Me	64.28	333	P	P	08 16 51.6	+0.1
S36A	Lake Cadric, C	64.36	335	P	P	08 16 52.0	0.0
T34A	McClaskey Farm	64.39	334	P	P	08 16 52.7	+0.4
MSTX	Muleshoe	64.41	328	P	P	08 16 52.5	-0.1
MSTX	Muleshoe	64.41	328	eP	P	08 16 52.2	-0.4
V31A	Spring Creek L	64.49	331	P	P	08 16 53.8	+0.9
X28A	Dimmitt	64.57	328	P	P	08 16 53.3	-0.3
R37A	Teagarden Farm	64.58	336	P	P	08 16 53.5	0.0
S35A	Otter Creek Ra	64.61	335	P	P	08 16 54.1	+0.5
AMTX	Amarillo	64.61	329	P	P	08 16 53.7	-0.2
HDIL	Hopedale	64.75	342	P	P	08 16 55.5	+1.0
HDIL	Hopedale	64.75	342	eP	P	08 16 52.8	-1.7
R36A	Gordon, Harris	64.85	336	P	P	08 16 55.5	+0.3
T33A	Patterson Ranc	64.89	333	P	P	08 16 55.8	+0.3
Q37A	Longview Farm,	64.94	337	P	P	08 16 55.8	+0.1
W28A	Vega	65.17	329	P	P	08 16 57.9	+0.4
Q36A	Arnold C. Orve	65.19	336	P	P	08 16 58.6	-0.1
R34A	Isabella, Hill	65.51	334	P	P	08 16 59.9	+0.4
Q35A	Mercer Eighty,	65.52	336	P	P	08 16 59.5	+0.1
T31A	Randall Ranch,	65.52	332	P	P	08 17 00.4	+0.8
EMMW	East Machias	65.58	360	eP	P	08 17 00.1	+0.4
V28A	Channing	65.58	329	P	P	08 17 00.8	+0.8
S32A	Newby Ranch, P	65.70	333	P	P	08 17 01.5	+0.8
P36A	Good Intent, A	65.87	337	P	P	08 17 01.4	-0.3
V27A	Dan Oppiter Fa	65.88	329	P	P	08 17 02.6	+0.6
Q34A	Chapman	65.92	335	P	P	08 17 02.3	+0.3
121A	Cookes Peak, D	65.96	323	P	P	08 17 03.7	+1.0
U28A	Mallet	66.08	330	P	P	08 17 03.8	+0.5
P35A	Duane Minner,	66.09	336	P	P	08 17 04.4	+1.2
R32A	Long Quarter,	66.22	333	P	P	08 17 04.4	+0.4
O36A	Bolckow	66.23	337	P	P	08 17 03.5	-0.5
T29A	Hugoton	66.29	331	P	P	08 17 05.5	+0.9
U27A	Thompson Grove	66.40	329	P	P	08 17 05.6	+0.2
P34A	Walnut Farm, R	66.42	335	P	P	08 17 05.4	+0.2
S29A	Ulysses	66.59	331	P	P	08 17 06.9	+0.5
NVL	Nlazarovskaya	66.59	159	flP	P	08 17 06.9	+1.0
Q32A	Meitler Ranch,	66.63	334	P	P	08 17 07.0	+0.4
T28A	Walsh	66.63	330	P	P	08 17 06.9	+0.1
LPM	Los Pinos Moun	66.67	325	eP	P	08 17 07.7	+0.5
R30A	Dighton	66.77	332	P	P	08 17 08.4	+0.8
T27A	Campo	66.87	330	P	P	08 17 08.7	+0.4
S28A	Marter	66.92	331	P	P	08 17 08.8	+0.3
CBKS	Cedar Bluff	66.98	333	eP	P	08 17 09.3	+0.4
CBKS	Cedar Bluff	66.98	333	P	P	08 17 09.5	+0.7
CBKS	Cedar Bluff	66.98	333	eP	P	08 17 09.3	+0.4
ANMO	Albuquerque	67.06	326	dP	P	08 17 09.8	+0.1
ANMO	Albuquerque	67.06	326	eP	P	08 17 09.7	+0.1
P31A	Hulting Farm,	67.19	334	P	P	08 17 10.8	+0.7
DBIC	Dimbokro	67.22	73	P	P	08 17 09.6	-1.2
T26A	Comanche Natio	67.38	329	P	P	08 17 12.2	+0.6
N34A	Lincoln	67.41	336	P	P	08 17 11.1	-0.4
P31A	Stockton	67.42	334	P	P	08 17 12.0	+0.4
S26A	Kim	67.67	330	P	P	08 17 14.1	+0.8

L35A	baz=68, SNR=7.4	68.18	338	P	P	08 17 16.3	0.0
R26A	Arlington	68.21	330	P	P	08 17 17.4	+0.7
O30A	MW Ranch, Wils	68.26	334	P	P	08 17 17.7	+0.9
M33A	Taylor Creek F	68.31	336	P	P	08 17 16.7	-0.4
L34A	Svendsen Farm,	68.35	337	P	P	08 17 17.4	+0.1
KSCO	Kaye Shlock'	68.41	331	P	P	08 17 18.7	+0.8
P28A	Saint Francis	68.48	332	P	P	08 17 18.9	+0.6
214A	Organ Pipe Nat	68.48	319	P	P	08 17 19.4	+1.0
BGNE	Belgrade	68.53	336	P	P	08 17 19.0	+0.5
BGNE	Belgrade	68.53	336	eP	P	08 17 18.4	-0.1
Q26A	Hugo	68.74	330	P	P	08 17 20.8	+0.8
SDCO	Great Sand Dun	68.75	328	P	P	08 17 20.8	+0.5
SDCO	Great Sand Dun	68.75	328	eP	P	08 17 20.6	+0.4
SDCO	M31A	68.80	335	eP	P	08 17 20.5	+0.3
O28A	Krutsinger Ran	68.94	332	P	P	08 17 21.7	+0.6
QSPA	South Pole Qui	69.00	180	eP	P	08 17 22.5	+1.2
QSPA	Davis Ranch, A	69.18	331	eP	P	08 17 45.6	+1.2
O27A	Beecher Island	69.30	332	P	P	08 17 24.8	+1.4
S22A	4UR Ranch, Cre	69.41	327	P	P	08 17 25.2	+0.8
L31A	Butterfield Fa	69.45	335	P	P	08 17 25.1	+0.9
I35A	Creekview Farm	69.53	339	P	P	08 17 24.7	+0.2
Q24A	Divisadero	69.54	329	P	P	08 17 26.5	+1.4
MVCO	Mesa Verde	69.86	326	P	P	08 17 27.8	+0.8
MVCO	Mesa Verde	69.86	326	eP	P	08 17 27.7	+0.6
ECSD	EROS Data Cent	69.98	338	P	P	08 17 48.1	-0.4
SPMN	St. Paul	70.06	341	eP	P	08 17 27.3	-0.4
SPMN	St. Paul	70.06	341	eP	P	08 17 27.0	-0.7
WUJAZ	Wupatki	70.17	323	P	P	08 17 30.0	+1.2
WUJAZ	Wupatki	70.17	323	eP	P	08 17 29.9	+1.0
WUJAZ	Basset	70.18	335	eP	P	08 17 52.0	+0.5
I33A	Coleman	70.32	338	P	P	08 17 29.2	-0.2
J31A	Geeddes	70.37	336	P	P	08 17 29.6	-0.2
ISCO	Idaho Springs	70.42	330	eP	P	08 17 31.2	+0.7
ISCO	Idaho Springs	70.42	330	P	P	08 17 31.5	+1.0
ISCO	Idaho Springs	70.42	330	eP	P	08 17 31.1	+0.7
H34A	Spellman Lake,	70.51	339	P	P	08 17 30.3	-0.2
K29A	Lazy Trails An	70.53	335	P	P	08 17 31.4	+0.7
I32A	Karley and Nic	70.53	337	P	P	08 17 30.7	0.0
SMCO	Snowmass	70.59	328	eP	P	08 17 32.1	+0.5
SMCO	Prehn Over Nor	70.85	338	eP	P	08 17 50.4	-1.3
H33A	Carlson Farm,	70.94	338	P	P	08 17 32.9	+0.3
H32A	Carlson Farm,	70.94	338	P	P	08 17 33.5	+0.3
J29A	Okreek	71.08	335	P	P	08 17 34.4	+0.4
BC3	Big Chuckawall	71.26	319	P	P	08 17 35.8	+0.4
K27A	Flueckinger Fa	71.26	334	P	P	08 17 36.5	+1.3
MONP	Monument Peak	71.35	318	P	P	08 17 37.0	+0.9
IRM	Iron Mountain	71.42	320	P	P	08 17 36.8	+0.5
N23A	Red Feather La	71.44	330	P	P	08 17 37.3	+0.8
J28A	Allard Ranch,	71.45	335	P	P	08 17 36.7	+0.4
I29A	Vivi Onida	71.59	336	P	P	08 17 37.1	0.0
J27A	Elkhorn Farm,	71.62	334	P	P	08 17 38.3	+0.9
K26A	Motz Farm, Whi	71.66	333	P	P	08 17 39.0	+1.4
BELC	Belle Mtn. Jos	71.83	319	P	P	08 17 40.0	+1.1
PFO	Pinyon Flat Ob	71.85	318	P	P	08 17 40.1	+1.1
O20A	White River Ci	71.95	328	P	P	08 17 40.7	+1.1
O20A	White River Ci	71.95	328	eP	P	08 17 40.3	+0.7
PMAR	Meadow Ridge	72.05	43	eP	P	08 17 40.1	-0.2
H29A	Onida	72.06	336	P	P	08 17 40.5	+0.6
GMRC	Granite Mounta	72.15	320	P	P	08 17 41.9	+1.1
EYMN	Ely	72.16	343	P	P	08 17 39.8	-0.6
EYMN	Ely	72.16	343	eP	P	08 17 39.7	-0.7
E33A	Westby DABS, E	72.20	340	P	P	08 17 40.0	-0.6
I27A	Quinn	72.32	334	P	P	08 17 42.0	+0.6
SRU	San Rafael	72.34	326	eP	P	08 17 42.5	+0.6
SRU	San Rafael	72.34	326	eP	P	08 17 42.5	+0.6
H28A	Mission Ridge	72.42	335	P	P	08 17 42.5	+0.5
G29A	Hoven	72.44	336	P	P	08 17 42.1	+0.1
H29A	Hector,Ludlow	72.59	319	P	P	08 17 45.0	+1.7
PMP5	Porto Santo	72.64	43	eP	P	08 17 36.8	-0.7
MSU	Marysvale	72.78	325	eP	P	08 17 45.5	+1.0
MSU	Marysvale	72.78	325	eP	P	08 17 45.5	+1.0
H27A	Hower	72.80	335	P	P	08 17 44.6	+0.3
I25A	Rockford	72.97	333	P	P	08 17 46.6	+1.2
SHPR	Sheep Range	73.04	321	eP	P	08 17 46.2	+0.2
H26A	Fairpoint	73.06	334	P	P	08 18 03.1	+1.2
K22A	Casper	73.09	333	P	P	08 17 46.9	+1.1
GSC	Goldstone	73.20	319	P	P	08 17 47.8	+0.9
F28A	McLaughlin	73.32	336	P	P	08 17 48.1	+0.8
H25A	Fruitdale	73.40	334	P	P	08 17 48.4	+0.6
DECC	Green Verdugo	73.44	318	P	P	08 17 49.2	+0.9

G26A	Maurine	73.55	335	P	P	08 17 48.7	0.0
EDW2	Edwards Air Fo	73.64	318	P	P	08 17 50.2	+0.7
D30A	Buchanan	73.66	338	P	P	08 17 49.6	+0.4
J22A	Midwest	73.67	331	P	P	08 17 50.2	+0.6
AGMN	Agassiz Nation	73.75	341	P	P	08 17 49.7	0.0
AGMN	Agassiz Nation	73.75	341	eP	P	08 17 49.1	-0.5
G25A	Newel	73.80	334	P	P		

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like ZALV, ILAR, KBZ, FINES, AKASG.

IDC 22 08:15:52.9.0.7.2:10N.96.69E, h0km, mb4.5/2.1, mb1.4/5/2/3, mb1mx4.3/3, mbmtmp4.5/2/3, ML4.1/2, MS3.8/12, Ms1.3.8/12, ms1mx3.4/3/9, Error ellipse: s-maj=19.4km s-min=13.6km az=42.0

BUI 22 08:15:52.0.1:57N.96:55E, h33km, mb4.8/40, mb4.8/26, Ms4.3/26, Ms7.4/0/25
ISCJB 22 08:15:55.8.0.3.2:05N.0:04.96:70E:0:04, h28km, mb4.5/28, MS3.9/9, Error ellipse: s-maj=6.6km s-min=4.1km az=141.2

DJA 22 08:15:57.9.0.6.2:10N.97.7E, h37km, 9km, M4.7/16, mb4.7/6, mb5.0/3, ML4.7/16, MW1m/5/4.3/3
NEIC 22 08:15:59.5.0.9.2:10N.96:75E, h45km, 7km, mb4.7/8, Error ellipse: s-maj=10.9km s-min=5.4km az=65.0

KLM 22 08:16:04.3.2:52N.97:12E, h180km, mb4.6, ML4.2, MS5.7
ISC 22 08:15:57.4.0.5.2:01N.0:04.96:65E:0:05, h28km, n115, c0149/131, mb4.5/28, MS3.9/9, 7C, Northern Sumatera

Main table for station 1193, listing station names, coordinates, and various parameters. Includes stations like SNSI, GSI, KCSI, MCSI, PSI, etc.

Table for station 3456, listing station names and parameters. Includes stations like LZH Lanzhou, NJ2 Nanjing, GTA Gaotai, etc.

HHC Hu-ho-hao-te 40.95 17 eP P 08 23 37.1 -0.7
HHC 08 23 48.8 -0.8
HHC 08 25 11.9 -0.7
HHC 08 29 43.0 -5.1
HHC 08 30 02.8 +0.9

BHJ Beijing 41.80 23 P P 08 23 44.4 -0.2
BJJ 08 25 24.3 -2.4
BJJ 08 30 03.5 +3.0

WMO Urumqi 42.39 350 P P 08 23 50.1 +0.6
WMO 08 24 00.1 +2.2
WMO 08 24 04.1 +2.8

WRA Warramunga Arr 42.93 122 P P 08 23 54.1 0.0
WRAB Tennant Creek 42.93 122 eP P 08 23 54.3 +0.2

JAY Jayapura 44.27 96 P P 08 24 03.0 -2.1
ASAR Alice Springs 44.32 127 P P 08 24 05.8 +0.5
ASO1 Alice Springs 44.35 127 eP P 08 24 05.7 +0.1
JNU Nukatsue 44.57 42 P P 08 24 04.6 -2.6

TKM2 Tokmak 2 44.87 338 eP P 08 24 09.8 +0.2
EK2S Erkin-Say 45.35 336 eP P 08 24 14.8 +1.4
KSAR Sonjino Arr 45.47 35 P P 08 24 13.6 -0.7
KS01 Wonju Arr Si 45.45 35 eP P 08 24 13.1 -1.4
KSRS Korea Arr 45.50 35 P P 08 24 13.6 -0.9

KSRS comp=Z.132m,18.5s,baz=212,SNR=38 LR 08 24 11.6
MK01 Makanchi Arr 46.31 346 eP P 08 24 20.4 -0.3
MKAR Makanchi Arr 46.33 346 P P 08 24 20.8 -0.1

MKAR comp=Z.73m,20.0s,baz=156,SNR=41 LR 08 24 27.5
MKAR Makanchi Arr 46.33 346 eP P 08 24 20.9 0.0
SONM Songino Arr 46.42 9 P P 08 24 21.7 -0.1

SONAI Sonjino Arr 46.45 40 eP P 08 24 21.3 -0.5
ULN Ulanbatar 46.56 10 eP P 08 24 22.8 0.0

KKAR Karatay Arr 47.09 334 eP P 08 24 27.8 +0.9
CN2 Changchun 48.84 28 eP S 08 24 39.1 -1.3
CN2 10.0m,0.7s PMZ 08 31 39.8 -2.3

CN2 200m,5.0s PMZ 08 24 45.11.6
CN2 200m,14.0s LN 08 24 20.4 -0.3
CN2 200m,14.0s LN 08 24 20.8 -0.1

MKAR comp=Z.73m,20.0s,baz=156,SNR=41 LR 08 24 27.5
MKAR Makanchi Arr 46.33 346 eP P 08 24 20.9 0.0
SONM Songino Arr 46.42 9 P P 08 24 21.7 -0.1

SONAI Sonjino Arr 46.45 40 eP P 08 24 21.3 -0.5
ULN Ulanbatar 46.56 10 eP P 08 24 22.8 0.0

KKAR Karatay Arr 47.09 334 eP P 08 24 27.8 +0.9
CN2 Changchun 48.84 28 eP S 08 24 39.1 -1.3
CN2 10.0m,0.7s PMZ 08 31 39.8 -2.3

CN2 200m,5.0s PMZ 08 24 45.11.6
CN2 200m,14.0s LN 08 24 20.4 -0.3
CN2 200m,14.0s LN 08 24 20.8 -0.1

MKAR comp=Z.73m,20.0s,baz=156,SNR=41 LR 08 24 27.5
MKAR Makanchi Arr 46.33 346 eP P 08 24 20.9 0.0
SONM Songino Arr 46.42 9 P P 08 24 21.7 -0.1

SONAI Sonjino Arr 46.45 40 eP P 08 24 21.3 -0.5
ULN Ulanbatar 46.56 10 eP P 08 24 22.8 0.0

KKAR Karatay Arr 47.09 334 eP P 08 24 27.8 +0.9
CN2 Changchun 48.84 28 eP S 08 24 39.1 -1.3
CN2 10.0m,0.7s PMZ 08 31 39.8 -2.3

Table for station 822, listing station names and parameters. Includes stations like BOSA, BUR04, FINES, etc.

ISCJB 22 08:24:53.6.0.7.17:2S:0:3:179:1W:0:2, h500km, mb3.5/6, Error ellipse: s-maj=43.8km s-min=10.5km az=149.0
AUST 22 08:24:53.6:12.0, 16:36S: 179:61W, h485km, 1km, Error ellipse: s-maj=4.7km s-min=2.8km az=292.0

IDC 22 08:24:54.2.2.1, 17:14S: 179:09W, h494km, 30km, mb3.2/6, mb1.3.5/8, mb1mx3.2/18, mbmtmp4.1/8, Error ellipse: s-maj=83.4km s-min=14.6km az=152.0
ISC 22 08:24:54.5.0.9.17:1S:0:4:179:1W:0:2, h500km, n20, c0144/117, mb3.4/6, Fiji Islands region

AFI Afiamalu 7.74 66 P P 08 26 47.8 -0.6
DZM Mont Dzumac 14.49 248 P P 08 27 59.7 +0.2
ARMA Armidale 29.78 238 P P 08 30 16.8 +0.9

MGCD Mangrove Creek 31.22 234 P P 08 30 32.8 +0.4
CMB Cobar Meteorol 34.98 239 P P 08 31 04.1 -0.2
QLA Quilpie 35.22 248 P P 08 31 06.7 +0.4

MANU Manas Island 36.23 291 P P 08 31 06.3 -8.6
TOO Toolang 37.16 230 P P 08 31 21.8 -0.6
STKA Stephens Creek 38.45 240 P P 08 31 32.6 -0.2

WRA Warramunga Arr 44.15 259 P P 08 32 18.1 -0.3
ASAR Alice Springs 44.39 254 P P 08 32 20.4 +0.2
WRKA Warakura 49.46 252 P P 08 32 58.8 +0.1

BLDU Ballidu 59.53 244 P P 08 34 04.7 -4.7
CISI Cisompet, Garu 71.72 268 P P 08 35 25.4 -0.7
NVAR Mina Array Bea 79.32 44 P P 08 36 08.4 +0.3

ILAR Eielson Array 85.29 13 P P 08 36 37.8 +0.2
TXAR Tootellang 86.13 58 P P 08 36 43.3 +0.7
BRTR Keskin Array B 143.79 315 PKP PKPbc 08 43 31.2 -0.5

GERES Geres Array B 146.71 345 PKP PKPbc 08 43 39.9 -0.1
IDC 22 08:35:05.3.6.2, 64:1N.94:96E, h155km, 36km, mb3.2/3, mb1.3.3/4, mb1mx2.9/37, mbmtmp3.5/4, MS3.0/1, Ms1.3.0/1, ms1mx2.5/17, Error ellipse: s-maj=164.0km s-min=19.5km az=60.0, Myanmar-India border region

CMAR Chiang Mai Arr 7.16 148 P Pn 08 36 47.6 0.0
MKAR Makanchi Arr 24.35 339 P P 08 40 08.7 0.0
GUMO Guam 48.19 94 LR LR 09 01 20.1 0.0

WRA Warramunga Arr 58.57 130 P P 08 44 45.9 -0.1
ASAR Alice Springs 61.07 139 P P 08 45 03.1 +0.1
WEL 22 08:42:58.0.1.40:38S:174:97E, h12km, ML3.5/4/1, 9C-7D, Error ellipse: s-maj=0.9km s-min=0.6km az=90.0, Cook Strait

OGWV Otaki Island 0.46 161 P P 08 43 08.1 0.0
KIWI Kapiti Island 0.49 186 P P 08 43 08.3 -0.2
KIWI 0.49 186 SG S 08 43 15.0 -0.7

MANGA Mangatoinaka R 0.54 122 P P 08 43 16.0 0.0
MRZ 0.54 122 P P 08 43 17.2 0.0
MRZ 0.54 122 P P 08 43 17.7 0.0

POWZ Post Office Ro 0.61 92 P P 08 43 10.5 0.0
WAZ Wanganui 0.62 19 P P 08 43 11.0 +0.2
WAZ 0.62 19 P P 08 43 22.8 0.0

HOWZ Holdsworth Sta 0.66 142 P P 08 43 11.4 -0.2
HOWZ 0.66 142 P P 08 43 20.2 +0.5
CAW Cannon Point 0.73 174 P P 08 43 12.2 -0.1

CAW 0.73 174 P P 08 43 22.7 0.0
PRWZ Porirua Road 0.78 103 P P 08 43 13.8 +0.1
TIWZ Tintock 0.80 120 P P 08 43 13.8 -0.1

TIWZ 0.80 120 P P 08 43 27.4 0.0
TIWZ 0.80 120 P P 08 43 28.6 0.0
TSZ Takapari Road 0.82 68 P P 08 43 13.7 -0.2

TSZ 0.82 68 P P 08 43 26.6 0.0
TSZ 0.82 68 P P 08 43 28.3 0.0
MTW Mount Morrison 0.88 153 P P 08 43 15.0 +0.1

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

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

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

ISC 22 08:45:21.2±1.4, 30.92'S:177.73'W, h0km, mb4.2/5, mb1 4.2/7, mb1mx3.9/18, mbmtpp4.0/7, ML3.1/2, Error ellipse: s-maj=37.2km s-min=21.7km az=126.0

SJA 22 08:49:04.1±1.0, 31.16'S:68.39'W, h106km, 3km, ML3.5, San Juan Province, Cerro Villucun, San Juan, CFJA Coronel Fontan, etc.

SZGRF 22 09:33:00.3, 20.50'N:152.00'E, h33km, North Pacific Ocean, NIED 22 09:33:00.20, 20.00'N:147.30'E, h11km, Mw5.6, Best double couple: M2.38000x10^17 N1^1.7x122.00000, etc.

1195

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like H11S2 WAKE ISLAND Hy 18.30 90 P P, H11N1 WAKE ISLAND Hy 18.39 86 P P, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like KSGUS GUNSAN 24.50 317 P P, DAV Davo City (W) 24.50 243 P P, YUK YUK 24.51 357 d/P P, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like YSS YSS, USRK Usuriysk Ar. 27.80 336 P P, LBMI Labuha 27.93 227 P P, etc.

22d 9h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like S 09 43 32.0 -0.2, Ssn 09 44 45.0 -0.8, SSS 09 45 16.0, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like RPR, ADKI, KBK, BKZ, CHMS, NJS, FRU, PCA, USP, AAK, EGAK, SKHT, SRSP, HYB, HYBB, SRLM, RCL, EKS2, EKS1, AML, DAWY, SNZO, BFZ, RAR, PALK, MNAS, KHZ, RPZ, KLRI, URV, BVAO, BVAV, BRVK, BRV, SKAG, BESE, BESE, KK31, KKR, ODZ, INK.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like INK, CRAG, WRAK, POO, DZET, DLBC, KBL, KBL, PPT, PPT2, SVE, SVE, SVE, ARU, ARU, ARU, ARU, SOKR, SOKR, AB31, AB31, NLWA, PGC, PGC, E03A, E03A, HDW, HDW, KEBM, F04D, G03D, KBO, KBO, MBW, COR, COR, COR, JCW, J03D, D05A, D05A, RPW, B06A, B06A, F04A, F04A, L02D, YKA, YKA, YKA, YKB, IMYA, LON, LON, LON, KHM, HUMO, HUMO, H04A, H04A, KMRM, KMRM, I04A, I04A, ISRO, KCPM, KCPM, KIPM, KIPM, M02C, M02C, YBH, YBH.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like YBH, YBH, YBH, LTY, IMOG, NAC, G05D, ETW, IPAY, IEMG, I05D, IAKL, WTV, CROR, WDC, WDC, WDC, WDC, K04D, IKRD, ABKT, GEYT, G06A, G06A, B08A, B08A, M04C, J05D, SAW, E07A, M00M, NSHM, ISHV, HAWA, HOPEN, HOPEN, O03D, K05A, RES, RES, WRD, D08A, D08A, PRGR, PRGR, SPITS, C09A, KBS, KBS, KBS, KBS, OHCM, G08A, G08A, MOD, NEW, NEW, NEW, HSPB, F10A, LRV, CMB, CMB, CMB, WWOR, WWOR, WWOR, EDM, EDM, EDM, LVZ, LVZ, LVZ, WAKR, TMCR, TMCR, APA, APA, APA, APA.

22d 9h

Table with columns for name, date, time, and various performance metrics. Includes entries like MSU Marysvalde, DGRG David-gareji, and others.

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Table with columns for name, date, time, and various performance metrics. Includes entries like A26A Wade Farm, Ken, D25A Fairfield, and others.

1200

Table with columns for name, date, time, and various performance metrics. Includes entries like A30A Hoffer Farm, M25A Palm-Egji Farm, and others.

1201

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like KVTV, N28A, KSCO, KSCD, etc.

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Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like V29A, EYMN, J34A, L33A, etc.

22d 9h

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like UZH, 329A, X31A, STHS, etc.

22d 9h

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1202

Table with columns: call sign, name, frequency, power, mode, and other details. Includes stations like RUE Ruedersdorf, 431A Sonora, U35A Pawnee, etc.

Table with columns: call sign, name, frequency, power, mode, and other details. Includes stations like BRG Berggiesshubel, 433A Art, U37A Salina, etc.

Table with columns: call sign, name, frequency, power, mode, and other details. Includes stations like IBBN Ibbenburen, GLMI Grayling, SCHO Schefferville, etc.

Table with columns: WWT, comp, Station Name, Time, Res, and various status codes. Includes stations like DSB Dublin, TUE Stuetta, ACOS Alum Creek Sta, etc.

Table with columns: GTTY, comp, Station Name, Time, Res, and various status codes. Includes stations like TAM Tamarrasst, GRTK Grand Turk, SNA Snae, etc.

Table with columns: Code, Station Name, Time, Res, and various status codes. Includes stations like MJAR Matsushiro Arr, PETK Petropavlovsk, KSRS Korea Arr, etc.

Table with columns: TWD, Chiawon, 0.73 203 eP, Pn, 10 07 07.0 -1.4, etc. Includes stations like Tachien, Nanjuang, Hehuan Shan, Pengchaiyu, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Raoul Island, Waioamatatini S, Te Kaha, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Stephens Creek, Alice Springs, Warramunga Arr, etc.

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NEIC Felt [11] at Kalamakion, Lithiaka and Zakynthos. Also felt at Amalias, Katakastarion, Planos and Poros, Greece. Felt in parts of Calabria and Puglia, Italy. GCMT 22 10:22:58.0±0.3, 37°27'N; 19°55'E, h17km, 1km, MW5.5/101, Moment Tensor Solution. s=6.109; s101, c167; Duration: 1s3 Moment tensor: Scale 10^17Nm; Mrr=1.06±.05; Mth=0.43±.03; Mtt=0.63±.03; Mtr=1.2±.13; Mtr=0.53±.02; Mtr=1.27±.12; Best double couple: M2=0.8200±0.107 N1P1=0.136 000000°, delta 75.000000°, 78.8, 000000°; NP2=0.325 000000°, delta 16.000000°, 79.9, 000000°; Principal axes: T=2.0600, Plg=0.0000°, Azm=43.0000°; N=0.0060, Plg2=0.0000°, Azm2=17.0000°, P=2.0840, Plg3=0.0000°, Azm3=28.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. BUJ 22 10:22:59.4, 37°70'N; 20°46'E, h10km, mb5.2/70, mb5.7/55, Ms5.4/65, Ms7.5 1/65

Main station list table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like SFD Strofades, VLS Valsamata, KFL Anninata, etc.

Continuation of station list table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like THAL Thalerio, DSF Desfina, DESF Desfina, etc.

SOH	Sokhos	4.12 34 ePn	Pn	10 24 06.2 +2.3
THRS	Thira Island	4.17 103 ePn	Pn	10 24 05.8 +1.2
THRS	Thira Island	4.17 103 ePn	Pn	10 24 05.8 +1.2
APE	Apeiranthos	4.18 94 ePn	Pn	10 24 05.8 +0.9
APE	Apeiranthos	4.18 94 ePn	Pn	10 24 05.7 +0.8
APE	Apeiranthos	4.18 94 ePn	Pn	10 24 05.8 +0.9
APE	Apeiranthos	4.18 94 ePn	Pn	10 24 05.8 +0.9
APE	Apeiranthos	4.18 94 ePn	Pn	10 24 05.8 +0.9
KNT	Kendrikon	4.21 28 ePn	Pn	10 24 07.4 +2.1
KNT	Kendrikon	4.21 28 ePn	Pn	10 24 07.4 +2.1
VAY	Valandovo	4.24 24 i/Pn	Pn	10 24 07.6 +2.0
VAY	Valandovo	4.24 24 i/Pn	Pn	10 24 07.6 +2.0
VAY	comp=N,16um,2.8s		Lg	10 25 34.1
VAY	comp=E,24um,2.9s		Lg	10 25 39.2
VAY	Valandovo	4.24 24 ePn	Pn	10 24 07.0 +1.4
VAY	Valandovo	4.24 24 ePn	Pn	10 24 07.0 +1.4
VAY	Valandovo	4.24 24 ePn	Pn	10 24 07.0 +1.4
VAY	Valandovo	4.24 24 ePn	Pn	10 24 07.0 +1.4
VAY	Valandovo	4.24 24 ePn	Pn	10 24 07.0 +1.4
SANT	Santorini	4.26 103 ePn	Pn	10 24 07.3 +1.3
SANT	Santorini	4.26 103 ePn	Pn	10 24 07.3 +1.3
IDI	Anoia	4.28 119 ePn	Pn	10 24 06.8 +0.6
IDI	comp=E,14nm,0.3s,baz=300,slow=15,SNR=45		Pn	10 24 56.6 +0.9
IDI	comp=E,280nm,0.3s,baz=315,slow=19,SNR=15		LR	10 26 18.2
IDI	comp=E,17um,19.4s,baz=296,slow=46		LR	10 24 07.2 +1.0
IDI	Anoia	4.28 119 ePn	Pn	10 24 07.3 +1.0
IDI	Anoia	4.28 119 ePn	Pn	10 24 56.6 +0.9
IDI	Anoia	4.28 119 ePn	Pn	10 24 07.3 +1.0
IDI	Anoia	4.28 119 ePn	Pn	10 24 56.6 +0.9
CUC	Castrocucco	4.33 307 ePn	Pn	10 24 08.6 +1.8
CUC	Castrocucco	4.33 307 ePn	Pn	10 24 08.6 +1.8
SIVA	Sivas	4.37 122 ePn	Pn	10 24 08.4 +0.9
SIVA	Sivas	4.37 122 ePn	Pn	10 24 08.4 +0.9
SIVA	Sivas	4.37 122 ePn	Pn	10 24 08.4 +0.9
IACM	Heraklion	4.40 118 ePn	Pn	10 24 08.4 +0.6
IACM	Heraklion	4.40 118 ePn	Pn	10 24 08.4 +0.6
SG1	Sgouros (BA)	4.41 321 i/Pn	Pn	10 24 09.1 +1.2
SG1	Sgouros (BA)	4.41 321 i/Pn	Pn	10 24 09.1 +1.2
SRR	Serrai	4.46 34 ePn	Pn	10 24 10.1 +1.4
SRR	Serrai	4.46 34 ePn	Pn	10 24 10.1 +1.4
BAI	Bar	4.52 325 i/Pn	Pn	10 24 10.1 +0.7
LIA	Limnos Island	4.53 56 ePn	Pn	10 24 11.9 +2.2
LIA	Limnos Island	4.53 56 ePn	Pn	10 24 11.9 +2.2
ULC	Ulcinj	4.58 350 i/Pn	Pn	10 24 10.8 +0.5
ULC	Ulcinj	4.58 350 i/Pn	Pn	10 24 10.8 +0.5
SKO	Skopje	4.60 11 i/Pn	Pn	10 24 12.3 +1.7
SKO	Skopje	4.60 11 i/Pn	Pn	10 24 12.3 +1.7
CHOS	Chios Island	4.64 77 ePn	Pn	10 24 12.7 +1.1
CHOS	Chios Island	4.64 77 ePn	Pn	10 24 12.7 +1.1
CHOS	Chios Island	4.64 77 ePn	Pn	10 24 12.7 +1.1
SIGR	SIGRI	4.70 66 ePn	Pn	10 24 13.9 +2.0
SIGR	SIGRI	4.70 66 ePn	Pn	10 24 13.9 +2.0
SIGR	SIGRI	4.70 66 ePn	Pn	10 24 13.9 +2.0
LAST	Lastithi	4.73 117 ePn	Pn	10 24 13.8 +1.0
LAST	Lastithi	4.73 117 ePn	Pn	10 24 13.8 +1.0
NVR	Nevrokopi	4.77 34 ePn	Pn	10 24 15.1 +2.2
NVR	Nevrokopi	4.77 34 ePn	Pn	10 24 15.1 +2.2
CDT	Castel del Mon	4.79 320 i/Pg	Pn	10 24 13.2 0.0
CDT	Castel del Mon	4.79 320 i/Pg	Pn	10 24 13.2 0.0
NPS	Neapolis	4.80 115 ePn	Pn	10 24 14.5 +1.1
NPS	Neapolis	4.80 115 ePn	Pn	10 24 14.5 +1.1
DRME	Dracevica, Mon	4.81 350 i/Pn	Pn	10 24 13.4 0.0
DRME	Dracevica, Mon	4.81 350 i/Pn	Pn	10 24 13.4 0.0
DRME	Dracevica, Mon	4.81 350 i/Pn	Pn	10 24 13.4 0.0
KAVA	Kavala	4.82 41 ePn	Pn	10 24 15.0 +1.5
KAVA	Kavala	4.82 41 ePn	Pn	10 24 15.0 +1.5
KKB	Krupnik	4.90 25 i/Pn	Pn	10 24 15.7 +1.0
KKB	Krupnik	4.90 25 i/Pn	Pn	10 24 15.7 +1.0
MMB	Musumiste	4.91 32 i/Pn	Pn	10 24 16.2 +1.4
MMB	Musumiste	4.91 32 i/Pn	Pn	10 24 16.2 +1.4
WDD	Wied Dalam	4.91 253 ePn	Pn	10 24 14.1 -0.7
WDD	Wied Dalam	4.91 253 ePn	Pn	10 24 14.1 -0.7
BUM	Brajici-Budva	4.96 348 i/Pn	Pn	10 24 15.2 -0.4
BUM	Brajici-Budva	4.96 348 i/Pn	Pn	10 24 15.2 -0.4
BUM	Brajici-Budva	4.96 348 i/Pn	Pn	10 24 15.2 -0.4
PRK	Paraskievi	5.02 67 ePn	Pn	10 24 20.2 +3.9
PRK	Paraskievi	5.02 67 ePn	Pn	10 24 20.2 +3.9
PDG	Podgorica	5.04 351 i/Pn	Pn	10 24 15.7 -0.9
PDG	Podgorica	5.04 351 i/Pn	Pn	10 24 15.7 -0.9
PDG	Podgorica	5.04 351 i/Pn	Pn	10 24 15.7 -0.9
TTG	Podgorica	5.04 351 i/Pn	Pn	10 24 16.8 +0.2
TTG	Podgorica	5.04 351 i/Pn	Pn	10 24 16.8 +0.2
SMTH	Samothraki Isl	5.06 52 ePn	Pn	10 24 18.1 +1.1
SMTH	Samothraki Isl	5.06 52 ePn	Pn	10 24 18.1 +1.1
PVY	Plav	5.14 357 i/Pn	Pn	10 25 17.4 +0.3
PVY	Plav	5.14 357 i/Pn	Pn	10 25 17.4 +0.3
PVY	Plav	5.14 357 i/Pn	Pn	10 25 17.4 +0.3
GADA	Gvkgeada	5.15 56 ePn	Pn	10 24 21.9 +3.8
GADA	Gvkgeada	5.15 56 ePn	Pn	10 24 21.9 +3.8
HCY	Herceg Novi	5.18 345 i/Pn	Pn	10 24 18.1 -0.5
HCY	Herceg Novi	5.18 345 i/Pn	Pn	10 24 18.1 -0.5
KIYZ	Herceg Novi	5.18 345 i/Pn	Pn	10 24 18.1 -0.5
HCY	Herceg Novi	5.18 345 i/Pn	Pn	10 24 18.1 -0.5
SMG	Samos	5.19 85 ePn	Pn	10 24 19.9 +1.2
SMG	Samos	5.19 85 ePn	Pn	10 24 19.9 +1.2
EZN	Ezine	5.27 61 ePn	Pn	10 24 23.4 +3.6
ZKR	Zakros	5.31 114 ePn	Pn	10 24 21.7 +1.4
ZKR	Zakros	5.31 114 ePn	Pn	10 24 21.7 +1.4
NKME	Niksic	5.41 349 i/Pn	Pn	10 24 22.2 +0.5
NKME	Niksic	5.41 349 i/Pn	Pn	10 24 22.2 +0.5
NKME	Niksic	5.41 349 i/Pn	Pn	10 24 22.2 +0.5
NKME	Niksic	5.41 349 i/Pn	Pn	10 24 22.2 +0.5
BEY	Berane	5.42 357 i/Pn	Pn	10 24 22.5 +0.5
BEY	Berane	5.42 357 i/Pn	Pn	10 24 22.5 +0.5
IVA	Berane	5.42 357 i/Pn	Pn	10 24 22.5 +0.5
RZN	Rozhen	5.43 37 i/Pn	Pn	10 24 23.9 +1.8
NKY	Niksic	5.45 350 i/Pn	Pn	10 24 22.5 +0.2
NKY	Niksic	5.45 350 i/Pn	Pn	10 24 22.5 +0.2
NKY	Niksic	5.45 350 i/Pn	Pn	10 24 22.5 +0.2
NKY	Niksic	5.45 350 i/Pn	Pn	10 24 22.5 +0.2
BARS	Barje	5.48 12 i/Pn	Pn	10 24 22.8 +0.1
BARS	Barje	5.48 12 i/Pn	Pn	10 24 22.8 +0.1
NIS1	Nisyros Isl.	5.56 97 ePn	Pn	10 24 25.7 +1.9
NIS1	Nisyros Isl.	5.56 97 ePn	Pn	10 24 25.7 +1.9
BRY	Bratogost	5.61 347 i/Pn	Pn	10 24 24.5 -0.1
BRY	Bratogost	5.61 347 i/Pn	Pn	10 24 24.5 -0.1
BRY	Bratogost	5.61 347 i/Pn	Pn	10 24 24.5 -0.1
BRN	Alexandroupoli	5.63 51 ePn	Pn	10 24 26.1 +1.4
BRN	Alexandroupoli	5.63 51 ePn	Pn	10 24 26.1 +1.4
ALB	Alexandroupoli	5.63 51 ePn	Pn	10 24 26.1 +1.4
CLTB	Calitabellotta	5.64 273 ePn	Pn	10 24 23.6 -1.4
CLTB	Calitabellotta	5.64 273 ePn	Pn	10 24 23.6 -1.4
KDZ	Kurdzhali	5.76 42 i/Pn	Pn	10 24 26.5 0.0
STON	Ston	5.77 341 i/Pn	Pn	10 24 25.2 -1.4
STON	Ston	5.77 341 i/Pn	Pn	10 24 25.2 -1.4
SELS	Selova	5.79 61 i/Pn	Pn	10 24 26.2 -0.8
SELS	Selova	5.79 61 i/Pn	Pn	10 24 26.2 -0.8
SJES	Sjenica	5.81 358 i/Pn	Pn	10 24 27.5 +0.2
SJES	Sjenica	5.81 358 i/Pn	Pn	10 24 27.5 +0.2
LPK	Lapseki	5.81 58 ePn	Pn	10 24 31.3 +4.0
KARP	Karpathos	5.84 107 ePn	Pn	10 24 29.6 +2.0
KARP	Karpathos	5.84 107 ePn	Pn	10 24 29.6 +2.0
UPM	Unac-Piva	5.84 350 i/Pn	Pn	10 24 28.4 +0.6
UPM	Unac-Piva	5.84 350 i/Pn	Pn	10 24 28.4 +0.6
UPM	Unac-Piva	5.84 350 i/Pn	Pn	10 24 28.4 +0.6
UPM	Unac-Piva	5.84 350 i/Pn	Pn	10 24 28.4 +0.6
PGB	Panagyurishte	5.89 29 ePn	Pn	10 24 29.8 +1.5
PGB	Panagyurishte	5.89 29 ePn	Pn	10 24 29.8 +1.5
PLE	Pljevlja	5.92 353 i/Pn	Pn	10 24 30.2 +1.5
PLE	Pljevlja	5.92 353 i/Pn	Pn	10 24 30.2 +1.5
AYDB	Zeytinokoy-Aydi	6.03 83 ePn	Pn	10 24 32.4 +2.0
ZAPS	Zavoj	6.08 127 i/Pn	Pn	10 24 32.3 +1.4
DIM	Dimitrovgrad	6.12 40 i/Pn	Pn	10 24 32.0 +1.1
IVAS	Ivanjica	6.12 359 ePn	Pn	10 24 29.0 -2.5
IVAS	Ivanjica	6.12 359 ePn	Pn	10 24 29.0 -2.5
YER	Yerkesik	6.37 90 ePn	Pn	10 24 37.4 +2.5
ARG	Arkhangelos	6.39 99 ePn	Pn	10 24 37.7 +2.6

ARG	Arkhangelos	6.39 99 ePn	Pn	10 24 37.7 +2.6
GRUS	Gruza	6.44 31 i/Pn	Pn	10 24 35.0 -0.8
GRUS	Gruza	6.44 31 i/Pn	Pn	10 24 35.0 -0.8
GRUS	Gruza	6.44 31 i/Pn	Pn	10 24 35.0 -0.8
GRUS	Gruza	6.44 31 i/Pn	Pn	10 24 35.0 -0.8
GRUS	Gruza	6.44 31 i/Pn	Pn	10 24 35.0 -0.8
BBSL	Lazi#263i	6.45 354 i/Pn	Pn	10 24 34.9 -1.1
BBSL	Lazi#263i	6.45 354 i/Pn	Pn	10 24 34.9 -1.1
MPEP	Malu Peshtene	6.45 23 i/Pn	Pn	10 24 37.5 +1.5
BOLS	Boljovac	6.49 11 i/Pn	Pn	10 24 35.2 -1.3
EDC	Edincik	6.56 62 ePn	Pn	10 24 40.9 +3.3
EDRB	Edirne	6.63 47 ePn	Pn	10 24 41.4 +3.0
DIVB	Divibare	6.64 358 ePn	Pn	10 25 34.1
DIVS	Divibare	6.64 358 ePn	Pn	10 25 34.1
DALY	Dalyan (Mu'la	6.70 93 ePn	Pn	10 24 41.9 +2.5
SVIS	Svilajnac	6.84 51 i/Pn	Pn	10 24 40.1 -1.2
GOTV	Golubac (Bur	6.89 35 ePn	Pn	10 24 42.3 -0.1
PVKI	Pavlenki	6.92 32 i/Pn	Pn	10 24 42.3 -0.1
DENT	Denizli	6.93 85 ePn	Pn	10 24 45.4 +2.7
PHSR	Pharisar	6.96 51 ePn	Pn	10 24 45.8 +2.8
KUBS	Kucevo	7.03 8 i/Pn	Pn	10 24 41.7 -2.2
TEKS	Tekeris	7.12 355 ePn	Pn	10 25 59.5 -3.9
TEKS	Tekeris	7.12 355 ePn	Pn	10 25 59.5 -3.9
TEKS	Tekeris	7.12 355 ePn	Pn	10 26 01.9 -3.6
TEKS	Tekeris	7.12 355 ePn	Pn	10 24 43.6 -1.5
SLUM	baz=145	7.19 144 P	Pn	10 24 44.1 -2.1
SLUM	comp=E,168um,0.5s,logA7=6.5,baz=145		AMP	10 25 00.0
SLUM	comp=E,17um,19.4s,baz=296,slow=46		LR	10 24 44.1 -2.1
AQU	L'Aquila	7.22 315 ePn	Pn	10 24 48.6 +2.0
AQU	L'Aquila	7.22 315 ePn	Pn	10 24 48.6 +2.0
AQU	L'Aquila	7.22 315 ePn	Pn	10 24 48.6 +2.0
AQU	L'Aquila	7.22 315 ePn	Pn	10 24 48.6 +2.0
AQU	L'Aquila	7.22 315 ePn	Pn	10 24 48.6 +2.0
SZH	Sztrazica	7.22 35 i/Pn	Pn	10 24 47.9 +1.3
MDNY	Mudanya-Bursa	7.29 64 ePn	Pn	10 24 50.3 +2.8
ZIMT	Zimnitsa	7.30 30 i/Pn	Pn	10 24 50.0 +2.5
ARMUT	Armutlu	7.35 62 ePn	Pn	10 24 52.3 +4.0
BEOD	Beograd	7.35 91 i/Pn	Pn	10 24 45.3 -3.0
CRAR	CRAIOVA	7.36 20 i/Pn	Pn	10 24 49.0 +0.6
CRAR	CRAIOVA	7.36 20 i/Pn	Pn	10 24 49.0 +0.6
CTYL	Yal???	7.37 54 ePn	Pn	10 24 51.8 +3.3
DJES	Djerdap	7.40 12 ePn	Pn	10 24 48.0 -1.0
SRE	Strehia	7.53 16 i/Pn	Pn	10 24 51.6 +0.8
SRE	Strehia	7.53 16 i/Pn	Pn	10 24 51.6 +0.8
KSL	Kastellorizon	7.55 97 ePn	Pn	10 24 53.3 +2.5
KSL	Kastellorizon	7.55 97 ePn	Pn	10 24 53.3 +2.5
ISK	Istanbul-Kandi	7.59 69 ePn	Pn	10 24 56.3 +4.5
ISK	Istanbul-Kandi	7.59 69 ePn	Pn	10 24 56.3 +4.5
ELMI	Elmalı	7.70 92 ePn	Pn	10 24 54.8 +1.5
FRGS	Fruska Gora	7.71 357 i/Pn	Pn	10 24 51.5 -1.8
FRGS	Fruska Gora	7.71 357 i/Pn	Pn	10 24 51.5 -1.8
PRD	Provadia	7.79 41 i/Pn	Pn	10 24 56.7 +1.0
HUMR	Humele	7.90 25 i/Pn	Pn	10 24 57.0 +1.1
HUMR	Humele	7.90 25 i/Pn	Pn	10 24 57.0 +1.1
ADVT	Abdulvahap	7.93 65 ePn	Pn	10 24 56.8 +0.5
GOLR	Golubac	8.17 24 i/Pn	Pn	10

22d 10h

Table with columns for call sign, frequency, time, and status. Includes stations like LVV, KHC, KSP, etc.

2010 AUG

Table with columns for call sign, frequency, time, and status. Includes stations like WERN, GUNZ, TANN, etc.

1206

Table with columns for call sign, frequency, time, and status. Includes stations like MEM, VRTB, HGUN, etc.

22d 10h

Table with columns: Station, Name, Frequency, Power, Mode, and other parameters. Includes stations like DAMY, LVZ, KTK1, IMYA, ARU, etc.

2010 AUG

Table with columns: Station, Name, Frequency, Power, Mode, and other parameters. Includes stations like FRU, KMB, TKM2, KURBB, etc.

1208

Table with columns: Station, Name, Frequency, Power, Mode, and other parameters. Includes stations like RPR, HYBB, KKB, etc.

22d 10h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like CPCT Cooper Cave, SSSW Suwon, SSE Sheshan, etc.

2010 AUG

Table with columns for station name, frequency, mode, and signal strength. Includes stations like BDFB Brasilia, BGNE Belgrade, BGNE Belgrade, etc.

1210

Table with columns for station name, frequency, mode, and signal strength. Includes stations like C09A Chrisman Ranch, FLWY Flagg Ranch, FLWY Flagg Ranch, etc.

CSEM 22 10:28:23.3, 37°36'N-20°13'E, h24km, MD3.5
ATH 22 10:28:23.3, 37°36'N-20°13'E, h24km, 2km, MD3.5/33,

Table with columns for Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res, h m s, ISC. Includes stations like SFD Strofades, VLS Valsamata, etc.

Table with columns: DRO, ITM, LK2D, PDO, PVO, PVA, LAKA, KLV, KFL, TRIZ, GUR, IGT, MAKR, LTK, AGG, AXAR, DID, DID, LKR, LKR, VIL2, VILL, THL, LIT, LIT. Includes station names, coordinates, and times.

Table with columns: LK2D, DRO, ITM, PDO, PVO, PVA, LAKA, KLV, KFL, TRIZ, GUR, IGT, MAKR, LTK, AGG, AXAR, DID, DID, LKR, LKR, VIL2, VILL, THL, LIT, LIT. Includes station names, coordinates, and times.

Table with columns: SJES, SELS, ZAPS, BOVS, BOVS, BBLs, BBLs, GRUS, DIVS, DIVS, TEKS, TEKS, FGSL, FGSL, BRGS, BRGS, MLR, PERS, PERS, GERES, GERES, HFS, HFS, FINES, FINES, TORD, TORD, ARCES, ARCES, BVAR, BVAR, KURBB, KURBB, MKAR, MKAR, ZALV, ZALV, SONM, SONM. Includes station names, coordinates, and times.

CSEM 22 10:28:45.6, 1.0, 38.03N-26.44W, h5km, ML2.4

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Includes station names like Sete Cidades, Ponta Delgada, Ponta Delgada, Angra Heroismo, Angra Heroismo, Manadas, Manadas, Pico do Norte, Pico do Norte, Pico do Norte, Rosais, Rosais, Rosais.

NEIC 22 10:33:18.4, 15.61N-96.29W, h33km, MD4.1 (MEX), After MEX

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Includes station names like Puerto Angel, Vista Hermosa, Vista Hermosa, Pinotepa, Pinotepa, Tlapa, Tlapa, Yate Dam, Yate Dam, Mont Dzumac, Mont Dzumac, Port Laguerre, Port Laguerre, Noumea, Noumea, Charters Tower, Charters Tower, Stephens Creek, Stephens Creek, Warramunga Arr, Warramunga Arr, Alice Springs, Alice Springs, Gerres Array B, Gerres Array B.

NEIC 22 10:33:18.4, 15.61N-96.29W, h33km, MD4.1 (MEX), After MEX

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Includes station names like Puerto Angel, Vista Hermosa, Vista Hermosa, Pinotepa, Pinotepa, Tlapa, Tlapa, Yate Dam, Yate Dam, Mont Dzumac, Mont Dzumac, Port Laguerre, Port Laguerre, Noumea, Noumea, Charters Tower, Charters Tower, Stephens Creek, Stephens Creek, Warramunga Arr, Warramunga Arr, Alice Springs, Alice Springs, Gerres Array B, Gerres Array B.

IDC 22 10:33:13.6, 1.2, 37.48N-20.19E, h0km, mb3.8/9

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Includes station names like Strofades, Strofades, Strofades, Valsamata, Valsamata, Valsamata, Anninata, Anninata, Anninata, Vitineika, Vitineika, Vitineika, Riolos of Patr, Riolos of Patr, Riolos of Patr.

NEIC 22 11:13:06.1, 0.4, 51.33N-114.98W, h8km, MD2.8, ML3.0

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Includes station names like El Chinerero, El Chinerero, Cerro Prieto, Cerro Prieto, Rancho Dawling, Rancho Dawling, East Mesa, East Mesa, Coahuila, Coahuila, La Rumorosa, La Rumorosa, Glamis, Glamis, Imperial Bould, Imperial Bould, Barrett, Barrett, Organ Pipe Nat, Organ Pipe Nat, Pinyon Flat Ob, Pinyon Flat Ob, Pasadena Art C, Pasadena Art C.

NEIC 22 11:13:06.1, 0.4, 51.33N-114.98W, h8km, MD2.8, ML3.0

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Includes station names like El Chinerero, El Chinerero, Cerro Prieto, Cerro Prieto, Rancho Dawling, Rancho Dawling, East Mesa, East Mesa, Coahuila, Coahuila, La Rumorosa, La Rumorosa, Glamis, Glamis, Imperial Bould, Imperial Bould, Barrett, Barrett, Organ Pipe Nat, Organ Pipe Nat, Pinyon Flat Ob, Pinyon Flat Ob, Pasadena Art C, Pasadena Art C.

az=155.9
JMA 22 13:29:00.5:0.4, 32.57N:142.14E, h82km, M3.3
ISC 22 13:29:00.6:1.0, 32.42N:0.05:142.18E:0.09, h39km, n21,
r167/31, mb3.6/4, Southeast of Honshu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Mitsune, Hachiojimakas, Hachioji jima 2, Boso 1, Boso 3, Boso 4, Odawara 2, Shimob, Ryogami san, Ashikaga, Matsushiro Arr, etc.

ISCJCB 22 13:37:17.8:1.0, 1.6N:101.127:42E:0.07, h150km,
mb3.6/4, Error ellipse: s-maj=16.4km s-min=9.3km az=0.8
IDC 22 13:37:20.2:2.8, 1.54N:127.36E, h165km, mb3.3/4,
mb1 3.4/7, mb1mx3.0/36, mbtmp3.7/7, Error ellipse:
s-maj=25.9km s-min=18.6km az=56.0
DJA 22 13:37:38.4:0.4, 1.1N:4.12:6E:1, h10km, M3.8/13, mb4.2/2,
mb4.8/1, MLv3.7/9, MLv3.8/13, Mw(MB)4.1/1
ISC 22 13:37:19.2:1.3, 1.6N:101.127:40E:0.10, h150km, n18,
r145/15, mb3.7/4, Halmahera

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Ternate, Labuha, Cibinong, Sanana, Gorontalo, Sorong, Luvuk, Marisa, Ampang, Mapaga, Tana Toraja, Sidrap Palu, Kappang, etc.

ISCJCB 22 13:52:49.5:0.7, 24.90N:0.04:122.31E:0.03, h2km, 5km,
Error ellipse: s-maj=7.4km s-min=3.9km az=9.2
JMA 22 13:52:50.2:0.1, 24.84N:122.28E, h16km, ML1.9
TAP 22 13:52:50.5, 24.96N:122.23E, h13km, 1km, ML2.5, D
ISC 22 13:52:49.5:1.1, 24.90N:0.05:122.30E:0.03, h12km, 11km,
n15, r93/31/30, Taiwan region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Santiaog Chiao, Matakaoa Point, WNWGZ Waiomatatini S, HAZ, Puketiti, Carnagh Statio, etc.

ISCJCB 22 14:09:56.9:0.4, 24.88N:0.03:122.31E:0.02, h2km, 3km,
Error ellipse: s-maj=4.5km s-min=2.8km az=6.8
TAP 22 14:09:56.7, 24.91N:122.27E, h6km, ML2.8, D
JMA 22 14:09:57.6:0.1, 24.81N:122.28E, h12km, 4km, M2.5
ISC 22 14:09:57.1:1.0, 24.87N:0.03:122.30E:0.02, h10km, 9km,
n15, r121/53, 33C-17D, Kyrgyzstan-Xinjiang border

n27, r0648/53, Taiwan region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Santiaog Chiao, Muicha, Suao, Wu-fen Shan, Neicheng, Nanau, Nioudou, etc.

WEL 22 14:11:21.3:0.6, 35.542S:178.75E, h33km, ML3.5/4, Error
ellipse: s-maj=10.2km s-min=4.5km az=90.0, Off east
coast of North Island

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Matakaoa Point, WNWGZ Waiomatatini S, HAZ, Puketiti, Carnagh Statio, etc.

KRNET 22 14:13:34.0:1.4, 40.95N:74.91E, h7km, mb3.5
KNET 22 14:13:37.5:0.6, 41.08N:74.78E, h1km, 4km, ml2.9, Error
ellipse: s-maj=3.8km s-min=1.8km az=164.0
NINC 22 14:13:37.9:1.3, 40.87N:74.82E, h0km, mb3.8, mpv3.4,
Error ellipse: s-maj=16.3km s-min=5.8km az=124.0
ISC 22 14:13:34.6:1.3, 40.92N:0.04:74.88E:0.03, h6km, 12km,
n31, r121/53, 33C-17D, Kyrgyzstan-Xinjiang border

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Naryn, Aral, Kyzart, KZ, SFTK, Amlayshu, etc.

baz=322

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Ulahol, Ala-Archa, Karagaybulak, Bishkek, Erkin-Say, etc.

ISCJCB 22 14:23:59.6:1.2, 17.35S:0.08:167.1E:0.2, h12km,
mb3.9/5, Error ellipse: s-maj=27.8km s-min=11.5km

IDC 22 14:23:59.3:1.6, 17.45S:167.19E, h0km, mb4.0/5,
mb1 4.2/6, mb1mx3.8/32, mbtmp3.9/6, ML3.3/1, Error
ellipse: s-maj=39.3km s-min=24.9km az=114.0
ISC 22 14:24:01.2:1.3, 17.45S:0.1:167.2E:0.2, h12km, n7,
r126/8, mb4.0/5, Vanuatu Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Mont Dzumac, Stephens Creek, Warramunga Arr, etc.

ISCJCB 22 14:32:10.8:0.6, 38.93N:0.03:27.53E:0.03, h2km, 5km,
Error ellipse: s-maj=5.0km s-min=3.7km az=145.8
ISK 22 14:32:10.9, 38.90N:27.58E, h15km, MD2.5
CSEM 22 14:32:10.9, 38.94N:27.52E, h5km, MD2.9, Error
ellipse: s-maj=4.2km s-min=3.4km az=151.0
ATH 22 14:32:10.6, 38.92N:27.62E, h2km, 2km, MD3.1/3
DDA 22 14:32:11.3, 38.87N:27.58E, h7km, MD2.9
ISC 22 14:32:11.1, 38.93N:0.03:27.59E:0.02, h12km, 7km,
n37, r066/53, Turkey

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Akhisar, Balikesir, Demirci, etc.

ISCJB 22 15:12:52.4-0.7, 52.54N, 0.07-169.17W, 0.1, h10km, mb3.4/2, Error ellipse: s-maj=12.8km s-min=5.0km az=140.6

NEIC 22 15:12:54.0, 52.69N, 169.09W, h2km, ML3.2(AEIC), After AEIC.

ISC 22 15:12:53.3-1.0, 52.65N, 0.10-169.11W, 0.07, h10km, n27, 1513/25, Fox Islands

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

JMA 22 15:29:15.7-0.5, 45.83N, 151.46E, h30km, M4.1, Kuril Islands

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

ISCJB 22 15:34:24.5-1.6, 30.74S, 0.07-179.6W, 0.3, h400km, mb2.5/2, Error ellipse: s-maj=31.9km s-min=6.6km az=1.4

ISC 22 15:34:24.2-9.1, 30.80S, 179.55W, h379km, 0.6km, mb2.4/2, mb1.2, 7.3, mb1mx2.6/17, mbtmp3.3/3, Error ellipse: s-maj=105.2km s-min=47.1km az=30.0

ISC 22 15:34:25.3-2.1, 30.85S, 0.17-179.5W, 0.3, h400km, n17, 1513/21, Kermadec Islands region

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

ISC 22 15:41:00.4-48.0, 17.40S, 177.43W, h0km, mb4.1/3, mb1.4/3, mb1mx3.6/25, mbtmp4.1/3, Error ellipse: s-maj=886.1km s-min=157.5km az=79.0, Fiji Islands region

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

ISCJB 22 15:48:26.0-0.3, 23.69N, 0.03-49.11E, 0.05, h10km, mb4.0/20, MS3.4/14, Error ellipse: s-maj=6.6km s-min=4.1km az=19.8

ISC 22 15:48:26.3-1.1, 23.72N, 49.17E, h0km, mb4.0/17, mb1.4/1/20, mb1mx3.9/53, mbtmp4.0/20, ML3.2/22, MS3.4/16, Ms1.3/5/16, ms1mx3.3/47, Error ellipse: s-maj=6.6km s-min=18.2km az=157.0

NEIC 22 15:48:28.0-0.7, 23.71N, 49.16E, h10km, mb4.0/5, Error ellipse: s-maj=14.1km s-min=10.1km az=180.0

CSEM 22 15:48:28.4-0.3, 23.75N, 49.10E, h10km, ML4.7, Error ellipse: s-maj=9.9km s-min=8.3km az=167.0

DHMR 22 15:48:28.4-2.4, 23.67N, 49.21E, h10km, mb5.1, DSN 22 15:48:45.2-1.6, 24.53N, 50.30E, h10km, mb3.7/6, ML4.7/5, Error ellipse: s-maj=31.9km s-min=12.7km az=161.0

ISC 22 15:48:28.3-0.5, 23.74N, 0.05-49.14E, 0.06, h10km, n57, 1515/27, mb4.0/20, MS3.4/14, 3C-2D, Eastern Arabian Peninsula

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

HATD Hatta, Dubai 6.47 79 JP Pn 15 50 04.7 +1.0

HATD Hatta, Dubai 6.47 79 IS Ss 15 51 05.8 -1.2

HATD Hatta, Dubai 6.47 79 Ss Pn 15 50 04.7 +1.0

HATD Hatta, Dubai 6.47 79 Ss Pn 15 51 05.8 -1.2

MUKL Al Mukalla 9.21 181 /S Ss 15 52 04.5 -0.7

DHBB Dhamar BB 10.16 207 /P Pp 15 50 54.7 -0.5

DHBB Dhamar BB 10.16 207 /P Pp 15 50 56.4

DHBB Dhamar BB 10.16 207 /P Pp 15 50 56.4

DBHA Al Bayda' 10.28 200 /S Ss 15 52 49.1 +0.2

DBHA Al Bayda' 10.28 200 /S Ss 15 52 51.8 0.0

DBHA Al Bayda' 10.28 200 /S Ss 15 52 51.8 0.0

LBSO Lados 10.48 201 /P Pp 15 50 58.4 -0.7

LBSO Lados 10.48 201 /P Pp 15 50 59.1

LBSO Lados 10.48 201 /P Pp 15 50 58.4 -0.7

LBSO Lados 10.48 201 /P Pp 15 50 59.1

LBSO Lados 10.48 201 /P Pp 15 50 58.4 -0.7

LBSO Lados 10.48 201 /P Pp 15 50 59.1

LBSO Lados 10.48 201 /P Pp 15 50 58.4 -0.7

LBSO Lados 10.48 201 /P Pp 15 50 59.1

LBSO Lados 10.48 201 /P Pp 15 50 58.4 -0.7

LBSO Lados 10.48 201 /P Pp 15 50 59.1

LBSO Lados 10.48 201 /P Pp 15 50 58.4 -0.7

LBSO Lados 10.48 201 /P Pp 15 50 59.1

LBSO Lados 10.48 201 /P Pp 15 50 58.4 -0.7

LBSO Lados 10.48 201 /P Pp 15 50 59.1

LBSO Lados 10.48 201 /P Pp 15 50 58.4 -0.7

LBSO Lados 10.48 201 /P Pp 15 50 59.1

LBSO Lados 10.48 201 /P Pp 15 50 58.4 -0.7

LBSO Lados 10.48 201 /P Pp 15 50 59.1

LBSO Lados 10.48 201 /P Pp 15 50 58.4 -0.7

LBSO Lados 10.48 201 /P Pp 15 50 59.1

LBSO Lados 10.48 201 /P Pp 15 50 58.4 -0.7

LBSO Lados 10.48 201 /P Pp 15 50 59.1

LBSO Lados 10.48 201 /P Pp 15 50 58.4 -0.7

LBSO Lados 10.48 201 /P Pp 15 50 59.1

LBSO Lados 10.48 201 /P Pp 15 50 58.4 -0.7

LBSO Lados 10.48 201 /P Pp 15 50 59.1

LBSO Lados 10.48 201 /P Pp 15 50 58.4 -0.7

LBSO Lados 10.48 201 /P Pp 15 50 59.1

LBSO Lados 10.48 201 /P Pp 15 50 58.4 -0.7

LBSO Lados 10.48 201 /P Pp 15 50 59.1

LBSO Lados 10.48 201 /P Pp 15 50 58.4 -0.7

LBSO Lados 10.48 201 /P Pp 15 50 59.1

LBSO Lados 10.48 201 /P Pp 15 50 58.4 -0.7

LBSO Lados 10.48 201 /P Pp 15 50 59.1

LBSO Lados 10.48 201 /P Pp 15 50 58.4 -0.7

LBSO Lados 10.48 201 /P Pp 15 50 59.1

LBSO Lados 10.48 201 /P Pp 15 50 58.4 -0.7

LBSO Lados 10.48 201 /P Pp 15 50 59.1

LBSO Lados 10.48 201 /P Pp 15 50 58.4 -0.7

LBSO Lados 10.48 201 /P Pp 15 50 59.1

LBSO Lados 10.48 201 /P Pp 15 50 58.4 -0.7

LBSO Lados 10.48 201 /P Pp 15 50 59.1

LBSO Lados 10.48 201 /P Pp 15 50 58.4 -0.7

LBSO Lados 10.48 201 /P Pp 15 50 59.1

LBSO Lados 10.48 201 /P Pp 15 50 58.4 -0.7

LBSO Lados 10.48 201 /P Pp 15 50 59.1

LBSO Lados 10.48 201 /P Pp 15 50 58.4 -0.7

LBSO Lados 10.48 201 /P Pp 15 50 59.1

LBSO Lados 10.48 201 /P Pp 15 50 58.4 -0.7

LBSO Lados 10.48 201 /P Pp 15 50 59.1

LBSO Lados 10.48 201 /P Pp 15 50 58.4 -0.7

IDC 22 16:04:30.7-1.9, 8.30S, 129.56E, h0km, mb3.4/2, mb1.3/4.5, mb1mx3.3/29, mbtmp3.3/5, ML3.1/3, Error ellipse: s-maj=77.1km s-min=27.0km az=77.0, Timor Sea

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

ISCJB 22 16:07:30.5-0.5, 37.23N, 0.03-28.22E, 0.04, h12km, 5km, Error ellipse: s-maj=6.3km s-min=4.9km az=139.0

ISK 22 16:07:30.2, 37.21N, 28.27E, h14km, MD2.6

CSEM 22 16:07:30.7, 37.22N, 28.23E, h10km, MD2.6, Error ellipse: s-maj=7.7km s-min=3.1km az=41.0

DDA 22 16:07:30.4, 37.25N, 28.21E, h7km, MD2.7

ISC 22 16:07:30.6-0.9, 37.22N, 0.03-28.23E, 0.03, h11km, 7km, n18, 1515/25, Turkey

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

ISCJB 22 16:12:44.3-0.2, 7.29S, 0.04-115.35E, 0.03, h300km, mb3.8/10, Error ellipse: s-maj=6.4km s-min=3.7km az=19.3

AUST 22 16:12:45.9-0.7, 7.41S, 115.36E, h300km, Error ellipse: s-maj=12.9km s-min=0.7km az=16.0

DJA 22 16:12:46.1-0.2, 7.41S, 115.36E, h310km, 3km, M4.1/28, mb4.1/23, mb4.8/4, MLV4.0/28, h316km, 0.4/4

IDC 22 16:12:46.2-1.8, 7.31S, 115.37E, h316km, mb3.6/5/9, mb1.3/6/14, mb1mx3.3/38, mbtmp4.2/14, Error ellipse: s-maj=21.0km s-min=9.8km az=51.0

ISC 22 16:12:45.2-0.5, 7.37S, 0.06-115.29E, 0.05, h300km, n76, 1515/79, mb3.8/10, Bali Sea

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

ISCJB 22 16:12:46.2-1.8, 7.31S, 115.37E, h316km, mb3.6/5/9, mb1.3/6/14, mb1mx3.3/38, mbtmp4.2/14, Error ellipse: s-maj=21.0km s-min=9.8km az=51.0

ISC 22 16:12:45.2-0.5, 7.37S, 0.06-115.29E, 0.05, h300km, n76, 1515/79, mb3.8/10, Bali Sea

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

ISCJB 22 15:55:43.5, 17.26N, 94.41W, h136km, MD4.2(MEX), After MEX.

MEX 22 15:55:43.5-0.3, 17.26N, 94.41W, h136km, 3km, MD4.2

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Kakadu, Prapat, MEEK, WTKI, WRKA, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SOCORRO T-PHASE6, GNI, ASAR, etc.

ADC 22 16:39:02.6:1.4, 52.60N:169.75W, h0km, mb3.8/3, mb1 4.0/5, mb1mx3.4/67, mbmtmp3.7/5, ML3.6/2, Error ellipse: s-maj=62.3km s-min=23.6km az=141.0 NEIC 22 16:39:04.5, 52.66N:169.63W, h1km, ML3.6(AEIC), After A.E.C. ISC/JB 22 16:39:05.0:0.9, 52.8N:0.1:169.7W:0.1, h24km, 7km, mb3.8/3, Error ellipse: s-maj=26.2km s-min=5.4km az=152.8 ISC 22 16:38:04.7:1.8, 52.8N:0.2:169.74W:0.08, h13km, n12km, n31, c106/27, mb3.9/3, Fox Islands

ADC 22 16:43:41.9:3.5, 17.56S:167.55E, h0km, mb3.8/6, mb1 4.0/7, mb1mx3.7/50, mbmtmp3.8/7, ML3.3/1, MS3.2/2, Ms1 3.3/2, ms1mx2.8/28, Error ellipse: s-maj=76.0km s-min=32.2km az=101.0 ISC/JB 22 16:43:51.3, 17.64S:0.08:167.5E:0.2, h19km, mb3.8/7, MS3.5/1, Error ellipse: s-maj=27.7km s-min=10.8km az=175.0 NEIC 22 16:43:47.1:2.1, 17.63S:167.44E, h35km, mb4.2/1, Error ellipse: s-maj=26.8km s-min=15.8km az=73.0 ISC 22 16:43:44.1, 5.174S:165.0E:0.2, h19km, n14, c085/15, mb3.9/7, Vanuatu Islands

NIED 22 17:02:20.3:6.6, 9.0S:150.79E, h0km, mb2.9/2, mb1 3.3/3, mb1mx3.1/28, mbmtmp3.1/3, ML1.0/1, Error ellipse: s-maj=131.4km s-min=48.2km az=126.0, New Britain region Code Station Name Az Az' Phase ID Time Res h m s ISC PMG Port Moresby 4.37 235 P Pn 17 06 28.2 +0.2 PMG 1.4nm, 0.3s, baz=253, slow=12, SNR=2.8 WRA Warramunga Arr 20.57 229 P Pn 17 09 59.5 -1.4 ASAR Alice Springs 23.26 222 P P 17 10 30.0 -0.8 TORD Torodi Arr, Bea 148.96 24 PKPbc PKPbc 17 25 11.2 -0.1

ADC 22 17:27:00.39:50N:144:30E, h5km, Mw3.6 Best double couple: M2.90000x1014 NP1.352.00000, 829.000000, lambda=19.000000, NP2.204.00000, 865.00000, lambda=75.000000, NIED 22 17:27:27.6:1.4, 39.30N:144.66E, h0km, mb3.5/5, mb1 3.7/7, mb1mx3.4/37, mbmtmp3.5/7, ML2.6/2, MS2.5/3, Ms1 2.5/3, ms1mx2.3/34, Error ellipse: s-maj=29.8km s-min=25.0km az=122.0 ISC/JB 22 17:27:30.5:0.7, 39.50N:144.37E:0.05, h23km, mb3.6/5, Error ellipse: s-maj=6.5km s-min=3.8km az=36.9 JMA 22 17:27:32.7:0.2, 39.48N:144.28E, h41km, M3.6 ISC 22 17:27:31.2:1.0, 39.44N:144.46E:0.07, h23km, n31, c1563/47, mb3.5/5, Off east coast of Honshu

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

ISC/JB 22 17:27:54.7:0.9, 36.36N:0.07:70.90E:0.07, h188km, mb3.3/4, Error ellipse: s-maj=10.4km s-min=7.8km az=152.4 ADC 22 17:28:00.1:9.9, 36.45N:70.87E, h231km, 96km, mb3.0/5, mb1 3.0/8, mb1mx2.7/42, mbmtmp3.5/8, Error ellipse: s-maj=51.3km s-min=22.0km az=15.0 NNC 22 17:28:03.8:1.8, 37.04N:70.78E, h220km, 15km, mb2.3, mp3/5, Error ellipse: s-maj=18.2km s-min=8.7km az=157.0 ISC 22 17:27:56.5:1.1, 36.49N:0.10:70.85E:0.08, h188km, n16, c2512/21, mb3.2/4, 8C-5D, Hindu Kush region Code Station Name Az Az' Phase ID Time Res h m s ISC DZET Dzhirino 2.81 326 P Pn 17 28 47.4 +4.0 DZET 3.3nm, 0.2s

22d 18h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PKIN Phulchoki, ARU Arti, DMN Daman, GKN Gorkha, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARG Arkhangelos, NIS1 Nisyros Isl., etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NIS1 Nisyros Isl., KARP Karpathos, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SPA0 Spitsbergen Arr, SPA0 Spitsbergen Arr, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DAV Davao City (W), DMPH Davao City-Mli, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SIJI Sorong, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SJA 22 18:51:30.6, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AMOG MOGNA, RTLL Cerro Villucun, etc.

22d 20h

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Table with columns for station name, coordinates, time, and status. Includes stations like WRAB Tennant Creek, WRA Warramunga Arr, MTN Mantodon, etc.

Table with columns for station name, coordinates, time, and status. Includes stations like NJ2, KUR Kuril'sk, WHN Wuhan, etc.

Table with columns for station name, coordinates, time, and status. Includes stations like CD2, HHC Hu-ho-hao-te, BTO Baotou, etc.

Table with columns: IAR, Station Name, Az, El, P, Res, Res ISC. Includes stations like Makanchi Array, COLA College, ILAR Eielson Array, ZALV Zalesovo Beam, etc.

Table with columns: CPUP, Station Name, Az, El, P, Res, Res ISC. Includes stations like Villa Florida, PBRG Braganca, MVIS Viseu, etc.

Table with columns: ILAR, Station Name, Az, El, P, Res, Res ISC. Includes stations like Eielson Array, ARCESS ARCESS Array B, KESAR Kesra, etc.

22d 21h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Chiawan, Nan Shan, Santiao Chiao, etc.

NEIC 22:07:34.5, 59.00N, 135.44W, h4km, ML2.6(AEIC), ML3.0(OTT), After AEIC.

PGC 22:07:34.9, 1.2, 59.04N, 135.35W, h1km, ML3.0/3, 10km Wsw of Haines, AK Southeastern Alaska

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Skagway, Bessie Mountai, Pleasant Camp, etc.

IDC 22:21:23:42.4-3.7, 6.24S, 154.54E, h0km, mb3.4/2, mb1.3.6/2, mb1mx3.0/13, Error ellipse: s-maj=132.2km

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

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

IDC 22:21:41:45.5, 2.6, 38S, 154.34E, h0km, mb3.9/8, mb1.4/1.8, mb1mx3.8/39, mbtmp3.9/8, MS3.7/16, Ms1.3.7/16, ms1mx3.5/32, Error ellipse: s-maj=68.3km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Port Moresby, Jayapura, Charters Tower, etc.

IDC 22:21:45:47.7-1.4, 6.34S, 154.58E, h0km, mb3.9/4, mb1.4.2/5, mb1mx3.7/39, mbtmp4.0/5, ML2.2/1, Error ellipse: s-maj=72.0km s-min=27.9km az=137.0

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

BUI 22:21:48:19.4, 6.27N, 123.95E, h594km, mb4.6/50, mb4.5/28 KLM 22:21:48:25.0, 6.83N, 123.92E, h608km, mb4.7, MS5.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Cotabato-PC H, DAV Davao City, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Warramunga Arr, ASAJ Asahikawa, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Ternate, Mapaga, Kota Kinabalu, etc.

IDC 22:21:41:49.9, 1.1, 6.5S, 154.5E, h48km, mb3.8/8, MS3.6/14, Error ellipse: s-maj=25.6km s-min=12.2km az=138.5

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like FAKI Fak Fak, KSM Kuching, DLV Pinang, etc.

IDC 22:21:45:54.6-1.4, 6.35S, 154.5E, h0km, mb3.9/4, mb3.8/4, Bougainville - Solomon Islands region

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

MAN 22:21:48:24.6, 7.77N, 123.82E, h597km, mb5.5, ML4.4, MS4.8 IDC 22:21:48:25.9, 0.6, 6.80N, 123.77E, h604km, mb3.6/22, s-maj=10.9km s-min=5.5km az=79.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Umpang Tak, LAMP Lampang, CRAI Chiangrai, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Umpang Tak, LAMP Lampang, CRAI Chiangrai, etc.

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23d Oh

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PETK, TORO, INK, FITZ, ILAR, WRA, WRAB, ASAR, and WEL.

ISC/JB 22:30:11.3, 1.1, 2.1, 7N, 0.1, 144, 6E, 0.2, h150km, mb3.7/9, Error ellipse: s-maj=32.1km s-min=12.4km az=166.5

ISC 22:30:15.7, 3.4, 2.1, 78N, 144, 46E, h175km, 26km, mb3.5/9, m1 3.5/13, mb1mx3.0/4.1, mbtmp4.0/1.3, Error ellipse: s-maj=51.0km s-min=13.9km az=60.0

ISC 22:30:13.1, 1.1, 3.3, 3N, 0.1, 144, 9E, 0.3, h150km, n14, r15/25/15, mb3.9/3.0, Marianas Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JCJ, JCJ, JOW, MJAR, JNU, KSRS, SONM, WRA, ASAR, ZALV, MKAR, MKAR, ARCES, KBZ, FINES, TORO, and WEL.

WEL 22:33:30.4, 0.8, 36, 27S, 178.08E, h33km, ML3.5/2, Error ellipse: s-maj=7.4km s-min=5.7km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MXZ, HAZ, WMGZ, URZ, CARG, RAGZ, RIGZ, SNZ, KNZ, ARHZ, PKZ, CTZ.

DDA 22:23:45:25.8, 37, 13N, 36, 92E, h7km, MD2.6
ISK 22:23:45:26.4, 37, 25N, 36, 90E, h5km, MD2.8
CSEM 22:23:45:26.9, 0.3, 37, 16N, 36, 95E, h2km, MD2.6, Error ellipse: s-maj=7.3km s-min=6.1km az=75.0

ISC 22:23:45:26.3, 1.1, 37, 15N, 0.02, 36, 91E, 0.03, h3km, 12km, n23, r05/5/36, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HCB, KAMA, KMRS, KUZU, GZT, ANDN, KOZT, CEYT, TAHT, DARE, URFU, PINB, MALT.

ISC 22:23:51:40.4, 3.1, 23, 28S, 169, 89E, h0km, mb3.8/3, mb1 4.0/4, mb1mx3.7/1.8, mbtmp3.8/4, ML3.9/1, Error ellipse: s-maj=70.3km s-min=53.3km az=163.0, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LASL, DZM, DZM, NOUC, STKA.

2010 AUG

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

SJA 22:23:51:45.9, 0.7, 32, 17S, 72, 30W, h68km, 9km, ML3.5
GUC 22:23:51:48.6, 0.4, 32, 37S, 71, 84W, h15km, 103km, ML3.3
ISC 22:23:51:46.7, 3.5, 32, 55S, 0.07, 72, 0W, 0.1, h3km, 19km, n17, r150/25, 3C, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PEL, RCDM, TACH, SAN, CLCH, PCH, Uspallata, RTLS, CERRO ARCO, ASAL, AAGR, RCTV, AMOG, ACAN, MIRA, TCA, CYA.

SJA 22:33:56:20.1, 0.8, 33, 37S, 72, 10W, h20km, 123km, ML3.0
GUC 22:33:56:23.6, 0.3, 33, 38S, 71, 70W, h14km, 4km, ML3.0
ISC 22:33:56:23.4, 2.0, 33, 39S, 0.06, 71, 67W, 0.09, h7km, 11km, n20, r123/33, 3C, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IHA, TACH, RCDM, SAN, SAN, PEL, ANTU, ANTU, CLCH, CLCH, PCH, Uspallata, ARCO, CERRO ARCO, AAGR, ASAL, RTLS, RCTV, AMOG, ACAN, MIRA, TCA, TCA, CYA.

ISC 23:00:00.0, 0.9, 42, 53N, 13, 21E, h10km, MD2.1/11
ROM 23:00:00.0, 0.1, 42, 53N, 13, 21E, h10km, 1km, MD2.1/11, m1 3/8, Error ellipse: s-maj=1.5km s-min=1.0km az=93.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SMA1, CAMP, T104, AQU, AQU, AQU, T106, T106, FIAM, FIAM, TERO, TERO, TERO, MNS, MNS, MNS, MNS, VCEL, VCEL, FDMO.

ISC 23:00:00.0, 0.9, 42, 53N, 13, 21E, h10km, MD2.1/11
ROM 23:00:00.0, 0.1, 42, 53N, 13, 21E, h10km, 1km, MD2.1/11, m1 3/8, Error ellipse: s-maj=1.5km s-min=1.0km az=93.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SMA1, CAMP, T104, AQU, AQU, AQU, T106, T106, FIAM, FIAM, TERO, TERO, TERO, MNS, MNS, MNS, MNS, VCEL, VCEL, FDMO.

ISC 23:00:00.0, 0.9, 42, 53N, 13, 21E, h10km, MD2.1/11
ROM 23:00:00.0, 0.1, 42, 53N, 13, 21E, h10km, 1km, MD2.1/11, m1 3/8, Error ellipse: s-maj=1.5km s-min=1.0km az=93.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SMA1, CAMP, T104, AQU, AQU, AQU, T106, T106, FIAM, FIAM, TERO, TERO, TERO, MNS, MNS, MNS, MNS, VCEL, VCEL, FDMO.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SMA1, CAMP, T104, AQU, AQU, AQU, T106, T106, FIAM, FIAM, TERO, TERO, TERO, MNS, MNS, MNS, MNS, VCEL, VCEL, FDMO.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SMA1, CAMP, T104, AQU, AQU, AQU, T106, T106, FIAM, FIAM, TERO, TERO, TERO, MNS, MNS, MNS, MNS, VCEL, VCEL, FDMO.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FDMO, FDMO, FDMO, CESI, CESI, CESI, CESI, GUMA, GUMA.

IDC 23:00:03:35.1, 0.8, 12, 48N, 142, 10E, h0km, mb4.2/12, mb1 4.4/13, mb1mx4.1/2.6, mbtmp4.1/1.3, ML3.4/1, MS3.3/15, Ms1 3.1/15, ms1mx3.2/3.0, Error ellipse: s-maj=25.0km s-min=19.9km az=107.0

ISC/JB 23:00:03:38.0, 0.6, 12, 48N, 0.1, 142, 2E, 0.1, h33km, mb4.0/12, MS3.3/12, Error ellipse: s-maj=17.3km s-min=14.4km az=139.2

ISC 23:00:03:39.3, 0.8, 12, 5N, 0.2, 142, 40E, 0.10, h33km, n28, r177/14, mb4.1/12, MS3.2/12, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUMO, GUMO, JCJ, JAY, JNU, H11S, H11S, H11S, MJAR, KSRS, BATI, ASAJ, WRA, WRA.

ISC 23:00:03:39.3, 0.8, 12, 5N, 0.2, 142, 40E, 0.10, h33km, n28, r177/14, mb4.1/12, MS3.2/12, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA, ASAR, CMAR, CMAR, PETK, STKA, SONM, SONM, MKAR, ZALV, ILAR, ILAR, INK, H02N, H02S, GEYT, YKA, ARCS, FINES.

ISC 23:00:03:39.3, 0.8, 12, 5N, 0.2, 142, 40E, 0.10, h33km, n28, r177/14, mb4.1/12, MS3.2/12, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA, ASAR, CMAR, CMAR, PETK, STKA, SONM, SONM, MKAR, ZALV, ILAR, ILAR, INK, H02N, H02S, GEYT, YKA, ARCS, FINES.

ISC 23:00:03:39.3, 0.8, 12, 5N, 0.2, 142, 40E, 0.10, h33km, n28, r177/14, mb4.1/12, MS3.2/12, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ANDN, ANDN, ANDN, KOZAN, KOZAN, KOZAN, KOZAN, KAMA, KMRS, KMRS, KMRS, CEYT, CEYT, HCB, SARI, KARA, KARA, KUZU, KUZU, KUZU, PINB, PINB, GZT, TAHT, TAHT, NIG, NIG, CUGUR, DARE, DARE, MERS, AKCD, GULA, GULA, CUKAN.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ANDN, ANDN, ANDN, KOZAN, KOZAN, KOZAN, KOZAN, KAMA, KMRS, KMRS, KMRS, CEYT, CEYT, HCB, SARI, KARA, KARA, KUZU, KUZU, KUZU, PINB, PINB, GZT, TAHT, TAHT, NIG, NIG, CUGUR, DARE, DARE, MERS, AKCD, GULA, GULA, CUKAN.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ANDN, ANDN, ANDN, KOZAN, KOZAN, KOZAN, KOZAN, KAMA, KMRS, KMRS, KMRS, CEYT, CEYT, HCB, SARI, KARA, KARA, KUZU, KUZU, KUZU, PINB, PINB, GZT, TAHT, TAHT, NIG, NIG, CUGUR, DARE, DARE, MERS, AKCD, GULA, GULA, CUKAN.

SJA 23 00:47:38.0, 8.0, 21.105:68.83W, h121km, 23km, ML4.5
ISC 23 00:47:37.4, 0.9, 20.97S, 0.05:68.97W, h0.8, h125km, 8km,
n22, o=96/23, 2C-2D, Chile-Bolivia border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include stations like IPOC Station P, Limon Verde, IPOC Station P, IPOC Station P, IPOC Station P, etc.

ISC 23 00:51:18.0, 3.8, 5.03S, 151.55E, h0km, mb3.5/3,
mb1.3/8, mb1mx3.4/19, mbtmp3.5/3, Error ellipse:
s-maj=124.4km s-min=53.0km az=119.0, New Britain
region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include stations like Warramunga Arr, Asar Lake Springs, Fitzroy Crossi, Torodi Arr, Beas, etc.

ISCJB 23 00:51:31.4, 0.4, 32.27N, 0.02:115.22W, 0.03, h22km, 4km,
Error ellipse: s-maj=4.8km s-min=4.1km az=18.2
MEX 23 00:51:32.0, 8.0, 3.32:38N:115.07W, h21km, 5km, MD3.5
ECX 23 00:51:33.0, 0.5, 32.25N:115.29W, h5km, MD2.2, ML5.4
NEIC 23 00:51:33.0, 32.24N:115.30W, h8km, ML3.0(EOCX), After
ECX

ISC 23 00:51:31.4, 0.9, 32.24N, 0.03:115.28W, 0.03, h18km, 7km,
n25, o=63/39, 5C-2D, California-Baja California border
region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include stations like Cerro Prieto, Cerro Prieto, Cerro Prieto, Cerro Bola, Cerro Bola, etc.

DJA 23 01:07:48.6, 3.6, 14°N, 14°4'14"E, 1.2, h34km, 21km,
M5.5/4, mb5.5/4, mb6.0/29, Mw(mb)5.6/29, Mwps.7/1
BUJ 23 01:08:07.1, 12.78N:143.71E, h120km, mb5.5/76,
mb5.4/55

ISCJB 23 01:08:07.8, 0.4, 12.80N, 0.02:143.53E, 0.02,
h118km, 3km, mb5.5/290, Error ellipse: s-maj=3.1km
s-min=2.6km az=170.3

MOS 23 01:08:08.1, 0.9, 12.85N:143.50E, h123km, mb5.5/90,
MS4.6/16, Error ellipse: s-maj=7.2km s-min=4.2km
az=107.9

NEIC 23 01:08:08.0, 1.2, 12.81N:143.56E, h116km, mb5.7/190,
ME5.0, MW5.5, Error ellipse: s-maj=3.5km s-min=2.9km
az=130.0, Moment Tensor Solution, s34 Moment tensor:
Scale 10¹⁷Nm; M₁₁:0.49; M₂₂:0.57; M₃₃:0.07; M₁₂:1.85;
M₁₃:0.09; M₂₃:0.22; Best double couple: M₁₁:1.900000*10¹⁷
N₁:0.820000*10¹⁷; N₂:0.000000*10¹⁷; N₃:0.000000*10¹⁷
P₁:280.000000*10¹⁷; P₂:0.000000*10¹⁷; P₃:0.000000*10¹⁷
Principal axes: T 1.9000, Plg3.000000°, Azm6.000000°, N 0.0900, Plg0.000000°,
Azm96.000000°, P -1.9800, Plg36.000000°, Azm187.000000°

Depth from synthetics of broadband displacement
seismograms. Energy computed from CMT mechanism.
NEIC Felt [V] at Tamuning; [U] at Barrigada and Hagatna; [U]
at Andersen AFB and Yigo. Felt in much of Guam.
IDC 23 01:08:09.6, 0.4, 12.82N:143.60E, h124km, 3km, mb4.9/35,
mb1.4/9.39, mb1mx4.9/41, mbtmp.5/39, MS4.4/21,
Ms1.4/4.21, ms1mx4.2/21 Error ellipse: s-maj=8.5km
s-min=6.8km az=150.0
GCMT 23 01:08:09.7, 0.1, 12.59N:143.54E, h117km, MW5.5/111,
Moment Tensor Solution, s104.c195; s111.c242;
Duration: 144 Moment tensor: Scale 10¹⁷Nm;
M₁₁:0.95; M₂₂:0.3; M₃₃:0.97; M₁₂:0.14; M₁₃:0.03; M₂₃:0.02;
M₁₁:0.00; M₂₂:0.3; M₃₃:0.23; 0.2; Best double couple:
M₁₁:19200*10¹⁷ N₁:1.96; N₂:0.00; N₃:0.00; P₁:78.000000*10¹⁷
P₂:0.000000*10¹⁷; P₃:0.000000*10¹⁷; Principal axes: T 2.1410, Plg57.000000°, Azm10.000000°; N 0.1020, Plg3.000000°, Azm275.000000°; P -2.2430,
Plg33.000000°, Azm184.000000°; nsta1 refers to body waves,
cutoff=40s; nsta2 refers to surface/mantle waves,
cutoff=50s.

ISC 23 01:08:09.1, 0.2, 12.79N, 0.03:143.60E, 0.03, h122km, 1km,
h122km, cp-P, n1169, o1924/1415, mb5.6/294, 44C-19D,
South of Mariana Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include stations like GUM0 Guam, GUM0 Guam, GUM0 Guam, GUM0 Guam, GUM0 Guam, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include stations like KSJUU Jeju, KSJUU Jeju, KSJUU Jeju, KSJUU Jeju, KSJUU Jeju, etc.

SONAO	Songino Array	46.69 326	eP	P	01 16 26.8 +1.1
SONAO			eP	pP	01 16 53.5 -0.3
SONAO			eP	pP	01 17 57.8 +0.5
SONAO			eP	pP	01 21 38.0 -1.8
SONM	Songino Array	46.69 326	eP	P	01 16 26.8 +1.1
SONM	comp=Z,14nm,0.7s,baz=139,slow=5.7,SNR=108		pP	pP	01 16 53.5 -0.3
SONM	comp=Z,6.4nm,0.8s,baz=145,slow=8.3,SNR=2.3		pP	pP	01 17 57.8 +0.5
SONM	comp=Z,13nm,0.8s,baz=145,slow=1.9,SNR=6.6		pP	pP	01 18 25.3
SONM	comp=Z,4.1nm,0.7s,baz=143,slow=6.0,SNR=2.2		pP	pP	01 21 38.0 -1.8
SONM	comp=Z,3.3nm,1.0s,baz=139,slow=3.9,SNR=5.5		pP	pP	01 37 31.8
SONM	LR		pP	pP	01 16 26.8 +0.3
SONA1	Songino Array	46.69 326	eP	P	01 17 57.9 +0.5
SONA1			eP	pP	01 16 28.0 +1.4
GTA	Gaotai	46.79 313	iP	P	01 16 23.2 -1.0
GTA			eP	pP	01 17 06.6 -1.9
GTA			eP	pP	01 17 58.8 +0.9
GTA			eP	pP	01 18 18.4 +0.3
GTA			eP	pP	01 21 40.6 +0.2
GTA			eP	pP	01 23 06.5 -0.3
GTA			eP	pP	01 26 08.8 -0.3
GTA			eP	pP	01 26 26.5 -9.3
GTA	comp=Z,88nm,1.1s		PMZ		
GTA	comp=Z,440nm,7.4s		LN		
GTA	comp=Z,970nm,19.5s		LE		
GTA	comp=Z,620nm,20.4s		LZ		
GSI	comp=Z,400nm,17.6s				
GSI	Gunungsitoli	46.99 260	eP	P	01 16 27.8 -0.6
GSI	comp=Z,41nm,0.9s				
MA2	Magadan	47.01 5	eP	P	01 16 28.2 +0.4
AMKA	Amchitka	48.10 29	eP	P	01 16 36.8 +0.4
AMKA			eP	pP	01 18 02.2 +0.1
CAN	Canberra	48.12 174	eP	P	01 16 37.4 +0.7
CAN			pmx		
CAN	comp=Z,80nm,1.4s				
CAN	Canberra	48.12 174	eP	P	01 16 37.4 +0.7
ZAK	Zakamensk	49.83 327	eP	P	01 16 50.1 +0.4
ZAK			eP	pP	01 17 16.9
ZAK			pmx		
ZAK	comp=Z,103nm,1.4s				
ZAK			pmx		
YAK	comp=Z,46nm,1.4s				
YAK	Yakutsk	50.18 352	eP	P	01 16 51.7 -0.3
YAK			eP	pP	01 17 20.0 -0.5
YAK			eP	pP	01 18 08.6
YAK			eP	pP	01 18 49.2
YAK			eP	pP	01 19 48.4
YAK			eP	pP	01 23 57.2 +2.8
YAK			eP	pP	01 29 05.4
YAK			pmx		
YAK	comp=E,9.0nm,1.0s				
YAK			pmx		
YAK	comp=Z,95nm,0.9s				
YAK			pmx		
YAK	comp=N,46nm,1.2s				
YAK			pmx		
YAK	comp=Z,16nm,0.3s		smx	smx	
YAK	comp=E,109nm,18.4s		smx	smx	
YAK			smx	smx	
YAK	comp=N,365nm,17.5s				
Yakutsk		50.18 352	eP	P	01 16 51.4 -0.6
SHL	Shillong	50.19 293	iP	P	01 16 55.0 +2.1
SHL	comp=N,128nm,1.0s				
BOD	Bodaibo	50.23 340	iP	P	01 23 55.0 -1.0
BOD	comp=Z,12nm,0.5s				
TLY	Talaya	50.38 329	LR	LR	01 38 43.2
TLY	comp=Z,462nm,21.0s				
TLY	Talaya	50.38 329	eP	P	01 16 54.5 +0.7
TLY			eP	pP	01 17 34.0
TLY			eP	pP	01 18 10.9
TLY			eP	pP	01 18 49.2
TLY			eP	pP	01 23 59.2 +1.6
TLY			eP	pP	01 24 47.3
TLY			eP	pP	01 26 31.4
TLY			eP	pP	01 27 26.2 -6.6
TLY	comp=Z,93nm,1.6s		MLR	MLR	
TLY	comp=Z,433nm,19.0s				
TLY	Talaya	50.38 329	P	P	01 16 55.1 +1.3
TLY	comp=Z,257nm,1.1s,SNR=11				
TLY	Talaya	50.38 329	eP	P	01 16 55.0 +1.2
TLY	comp=Z,69nm,1.2s				
TYR	Irkutsk	50.40 330	eP	P	01 18 11.8 +1.2
TYR			eP	pP	01 16 54.3 +0.4
SEY	Seymchan	50.46 5	eP	P	01 16 54.7 +0.6
LSA	Lhasa	51.27 298	eP	P	01 17 02.3 +1.0
LSA			pmx		
LSA	comp=Z,43nm,0.8s				
LSA	Lhasa	51.27 298	eP	P	01 17 02.3 +1.0
LSA	comp=Z,43nm,0.8s				
MOY	Mondy	51.74 328	eP	P	01 17 05.2 +1.2
MOY			pmx		
ATKA	Atka Island	51.83 32	eP	P	01 17 04.4 -0.1
ATKA			eP	pP	01 18 15.6 -0.2
TAPN	Taplejung	54.05 295	eP	P	01 17 22.4 +0.8
ODAN	Odare	54.30 294	eP	P	01 17 24.0 +0.6
RAMN	Ramite	55.01 294	eP	P	01 17 29.1 +0.6
HVS	Khovu-Aksy	55.48 324	eP	P	01 17 32.2 +0.9
HVS			pmx		
Ouz	Omahuta	55.56 150	eP	P	01 17 32.6 +0.7
Ouz	comp=Z,542nm,2.4s				
GUN	Guz	55.70 295	eP	P	01 17 34.5 +0.9
GUN	comp=Z,126nm,0.4s				
PKI	Pulchoki	56.10 295	eP	P	01 17 36.6 +0.2
PKIN	Pulchoki	56.11 295	eP	P	01 17 36.6 +0.2
KKN	Kakani	56.23 295	eP	P	01 17 37.5 +0.3
DMN	Daman	56.37 295	eP	P	01 17 38.9 +0.6
DMN	comp=Z,145nm,1.0s				
WMQ	Urumqi	56.80 314	eP	P	01 17 42.4 +1.6
WMQ			pP	pP	01 18 13.4 +3.5
WMQ			eP	pP	01 18 27.9 +4.5
WMQ			eP	pP	01 19 51.8 +3.5
WMQ			eP	pP	01 25 23.8 -0.8
WMQ			eP	pP	01 26 15.8 +1.0
WMQ			eP	pP	01 27 15.4 -2.9
WMQ	comp=Z,100nm,1.0s		PMZ		
WMQ	comp=Z,670nm,3.6s		LN		
WMQ	comp=Z,210nm,23.4s		LE		
WMQ	comp=Z,380nm,21.3s		LZ		
WMQ	comp=Z,410nm,20.2s				
GKN	Gorkha	56.81 295	eP	P	01 17 41.5 +0.3
CHLP	Challavanipeta	57.41 284	eP	P	01 17 46.5 +1.2
CHLP			Iamb		01 17 47.9
CHLP	comp=Z,54nm,0.9s				
CHLP			eP	pP	01 18 13.9 -0.7
CHLP			eP	pP	01 18 20.5
CHLP			eP	pP	01 18 35.0 -3.0
CHLP			eP	pP	01 19 53.2 -0.9
CHLP			eP	pP	01 25 33.6 +0.5
CHLP			eP	pP	01 29 23.5 -1.2
DANN	Dangsing	57.60 295	eP	P	01 17 47.5 +0.6
KOLN	Koldanda	57.71 295	eP	P	01 17 48.1 +0.5
URZ	Urewera	59.69 150	eP	P	01 18 00.8 0.0
URZ	comp=Z,98nm,0.8s				
PRV	Polavaram	59.81 283	eP	P	01 18 02.9 +0.9

PVM			Iamb	Iamb	01 18 03.7
PVM	comp=Z,31nm,1.0s				
PVM			eP	pP	01 18 30.5 -0.9
PVM			eP	pP	01 20 14.6 -0.8
PVM			eP	pP	01 26 04.7 +0.4
PVM			eP	pP	01 26 25.2 +0.7
BKZ	Black Stump Fm	60.10 151	eP	P	01 18 03.2 -0.4
BFZ	Birch Farm	61.19 152	eP	P	01 18 11.8 +0.9
MK01	Makanchi Array	61.20 317	eP	P	01 18 11.2 +0.2
MK31	Makanchi Array	61.21 317	eP	P	01 18 11.7 +0.6
MK31			pmx		
MK32	Makanchi Array	61.21 317	eP	P	01 18 12.2 +1.0
MK32			eP	pP	01 18 41.9 +1.2
MKAR	Makanchi Array	61.21 317	eP	P	01 18 12.2 +1.0
MKAR	comp=Z,27nm,0.6s,baz=92,slow=8.9,SNR=190				
MKAR	comp=Z,19nm,1.0s,baz=87,slow=9.8,SNR=4.0				
MKAR	comp=Z,152nm,21.6s,baz=100,slow=36				
MKAR			PKP2bc		01 47 34.4
MKAR	comp=Z,1.3nm,0.9s,baz=289,slow=4.4,SNR=6.7				
ADKI	Addanki	61.53 281	eP	P	01 18 14.5 +0.8
ADKI			Iamb	Iamb	01 18 15.9
ADKI	comp=Z,28nm,0.9s				
ADKI			eP	pP	01 18 42.5 -0.8
ADKI			eP	pP	01 20 30.3 -2.0
ADKI			eP	pP	01 30 28.0 -1.5
ADKI			eP	pP	01 30 28.0 -1.5
ZAAO	Zalesovo Array	61.56 325	eP	P	01 18 12.2 -1.0
ZALV	Zalesovo Beam	61.56 325	eP	P	01 18 13.3 +0.1
ZALV	comp=Z,4.3nm,0.3s,baz=107,slow=5.1,SNR=61				
ZALV	comp=Z,6.1nm,0.8s,baz=116,slow=6.8,SNR=2.9				
ZALV	comp=Z,25nm,0.6s,baz=112,slow=4.2,SNR=14				
ZALV	comp=Z,0.4nm,0.4s,baz=134,slow=1.0,SNR=2.3				
ZALV	comp=Z,570nm,19.7s,baz=73,slow=3.8				
ZALV	comp=Z,0.5nm,0.3s,baz=309,slow=6.9,SNR=4.1				
RPZ	Rata Peaks	61.56 158	eP	P	01 18 13.2 -0.1
ZAA1	Zalesovo Array	61.56 325	eP	P	01 18 13.3 +0.1
ZAA1			eP	pP	01 18 42.2 -0.7
ZAA1			eP	pP	01 26 23.4 -2.0
ZAA1			eP	pP	01 26 23.4 -2.0
RPR	Rampur	61.89 285	eP	P	01 18 16.5 +0.4
RPR			Iamb	Iamb	01 18 17.2
RPR	comp=Z,51nm,0.7s				
RPR			eP	pP	01 18 43.9 -1.8
RPR			eP	pP	01 26 30.8 +0.1
RPR			eP	pP	01 30 38.0 +3.0
RPR			eP	pP	01 18 17.2 +0.2
RPR			eP	pP	01 18 19.1
SKHT	Srikalahasti	62.02 279	eP	P	01 26 31.9 -0.6
SKHT			Iamb	Iamb	01 30 35.9 -1.3
SKHT	comp=Z,70nm,1.2s				
SKHT			eP	pP	01 18 18.0 +0.6
SKHT			eP	pP	01 18 45.5 -1.6
SKHT			eP	pP	01 18 52.9 -1.5
SKHT			eP	pP	01 26 31.9 -0.6
NJS	Nagarjunasagar	62.09 282	eP	P	01 26 31.1 -2.2
NJS			eP	pP	01 18 20.6 +0.1
NJS			eP	pP	01 18 22.0
NJS			eP	pP	01 18 48.2 -1.9
NJS			eP	pP	01 18 56.0 -2.6
NJS			eP	pP	01 26 38.7 -0.2
NJS			eP	pP	01 18 20.4 +0.4
SRLM	Srisaillam	62.53 282	eP	P	01 18 20.5 0.0
SRLM			Iamb	Iamb	01 18 21.4
SRLM	comp=Z,71nm,0.9s				
SRLM			eP	pP	01 26 36.5 -2.5
SRLM			eP	pP	01 30 47.2 +1.9
PDGK	Podgornoye	62.54 312	eP	P	01 18 21.1 +0.2
PDGK			pmx		
RCLA	Rachleria	62.54 281	eP	P	01 18 20.5 0.0
RCLA			Iamb	Iamb	01 18 21.4
RCLA	comp=Z,29nm,1.2s				
RCLA			eP	pP	01 26 36.5 -2.5
RCLA			eP	pP	01 30 47.2 +1.9
NVS	Novosibirsk	62.72 326	iP	P	01 18 21.1 +0.2
NVS			eP	pP	01 18 48.9 -1.7
NVS			eP	pP	01 26 37.7 -2.2
NVS	comp=N,35nm,1.5s				
NVS			pmx		
NVS	comp=E,95nm,1.5s				
NVS			pmx		
NVS	comp=Z,150nm,1.5s				
NVS			smx	smx	
NVS	comp=N,70nm,2.7s				
NVS			smx	smx	
NVS	comp=E,51nm,2.9s				
NVS			smx	smx	
HYB	Hyderabad	62.72 283	iP	P	01 18 20.0 -1.7
HYB			eP	pP	01 18 54.0 +2.6
HYB			eP	pP	01 20 40.0 +3.3
HYB			eP	pP	01 26 40.0 -1.2
HYB			eP	pP	01 18 21.1 -0.6
HYB	Hyderabad (bro	62.72 283	eP	P	01 18 23.2
HYB			Iamb	Iamb	01 18 23.2
HYB	comp=Z,67nm,0.9s				
HYB			eP	pP	01 18 57.7 -1.7
HYB			eP	pP	01 20 38.1 -3.0
HYB			eP	pP	01 26 40.0 -1.1
HYB			eP	pP	01 27 31.5
HYB					

23d 1h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like M27A Reverse DX Ran, H29A Onida, K28A Ten Mile Ranch, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like O31A Woolen Ranch, L32A Elgin, J33A Davy, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like CLL Colim, Y30A Stafford Catt, GOPC Gop Pecny, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SUE Sulen, ELZG Elazig, SUSE Susehri, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GOPC GO Pecny, Ondr, GPRU Pruhonice, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PCIG, GUC 23 04:20:37.7, etc.

0.2nm,0.5s,baz=35,slow=9.0,SNR=3.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like MAN 23 04:24:56.9,33N;125.48E, h3km, mb4.7, ML3.6, MS3.5, 1C, Mindanao.

ISC/JB 23 04:25:26.8:0.8, 6.23S:0.07:146.6E:0.1, h35km, mb4.0/10, Error ellipse: s-maj=16.9km s-min=9.3km az=169.6

IDC 23 04:25:29.9:2.5, 6.27S:146.59E, h49km,24km, mb3.7/9, mb1.3/2.1, mb1mx3.8/4.6, mbtmp4.0/14, ML3.8/3, MS3.2/1, Ms1.3/2.1, ms1mx2.5/2.9, Error ellipse: s-maj=28.1km s-min=17.9km az=87.0

ISC 23 04:25:28.5:0.8, 6.24S:0.08:146.6E:0.1, h35km, n17, c0599/18, mb3.9/10, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like PMG Port Moresby, JAY Jayapura, CTA Charters Tower, SUJI Sorong, WRA Warramunga Arr, ASAR Alice Springs, BATI Baunata, FITZ Fitzroy Crossi, STKA Stephens Creek, JCJ Chichijima, KSRS Korea Array, CMAR Chiang Mai Arr, SONM Songoing Array, MKAR Makanchi Array, ILAR Eielson Array, TORD Torodi Ar. Bea, DBIC Dimbokro, DBIC Tirdori Ar. Bea.

IDC 23 04:39:42.1:1.0, 3.077S:179.07W, h208km, 17km, mb3.5/3, mb1.3/6.4, mb1mx3.3/16, mbtmp4.0/4, Error ellipse: s-maj=36.6km s-min=18.2km az=105.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like RAO Raoul Island, RAO Urewera, URZ Urewera, RPZ Rata Peaks, CTA Charters Tower, ASAR Alice Springs, WRA Warramunga Arr, TORD Torodi Ar. Bea.

MAN 23 04:47:12.9:25N:125.42E, h2km, mb4.9, ML3.9, MS3.9, MAN INTENSITY IV - SANTIAGO AGUSAN DEL NORTE; JABONGA AGUSAN DEL NORTE; INTENSITY III - CABADARAN CITY AGUSAN DEL NORTE; INTENSITY II - SURIGAO CITY.

IDC 23 04:47:15.8:2.5, 9.45N:125.87E, h58km,25km, mb3.6/13, mb1.3/8.15, mb1mx3.7/28, mbtmp3.9/15, ML4.1/2, MS3.3/9, Ms1.3/3.9, ms1mx3.0/35, Error ellipse: s-maj=27.0km s-min=15.6km az=83.0

NEIC 23 04:47:15.2:1.1, 9.39N:125.85E, h54km,20km, mb4.1/3, Error ellipse: s-maj=24.3km s-min=11.7km az=79.0

NEIC Felt [IV PIVS] at Jabonga and Santiago, [III PIVS] at Cabadbaran and [II PIVS] at Surigao.

ISC 23 04:47:10.7:0.6, 9.28N:0.03:125.43E:0.06, h10km, n44, c1566/35, mb3.8/16, MS3.3/8, 3C-1D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like BUTP Butuan, MSLP Maasin, CGP Cagayan de Oro, BUKP Musuan, PLP Palo, OCLP Ormoc, DMPH Davao City-Mi, DAV Davao City (W), DAV Davao City (W), MATI Mati, PAGZ Pagadian, GUIM Jordan, GUIM Jordan, IPIL Ipil, RCP Roxas, PVCP Virac, SJIJ Sorong, KAPP Kappang, JNU Nakatsu, FITZ Fitzroy Crossi, CMAR Chiang Mai Arr, KSAR Wonju Array Be, KSRS Korea Array, MJAR Matsushiro Arr, MJAR Matsushiro Arr, WRAB Tennant Creek, WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like ASAR Alice Springs, USRK Ussuriysk Arr, H1N1 WAKE ISLAND Hy 41.35, H1N2 WAKE ISLAND Hy 41.36, H1N3 WAKE ISLAND Hy 41.37, SONM Songoing Array, PETK Petropavlovsk, MKAR Makanchi Array, ZALV Zalesovo Beam, GEYT Alikeb, BPWA Bear Paw Mtn, TRF Thorofore Moun, ILAR Eielson Array, ARCES ARCES Array B, ARCES Keskinn Array B, FINES FINESS Array B, NOA NORRAR Array B, TXAR Lajitas Array, TORD Torodi Ar. Bea, TORD NORRAR Array B.

SJA 23 04:50:42.0:4.9, 35.29S:72.33W, h33km, ML3.5, Error ellipse: s-maj=19.9km s-min=13.7km az=172.5

GUC 23 04:50:52.4:0.4, 34.82S:71.81W, h42km, 1km, ML3.9, Error ellipse: s-maj=11.5km s-min=5.2km az=114km, n18, c1537/31, 1C-3D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like NICH Los Niches, TALC Talca, TALC Talagante, ANTU Antumapu, PCH Pirque, SAN Santiago, IHA Instituto Hidr, CLCH Cerro Calan, PEL Peldehue, AARG Agrelo, AARG CERRO ARCO, AUSP Uspallata, RTLS Leoncito, RTVC Cerro Valdivia, RTLL Cerro Villucun, AMOC Cantanra, AMOC IOGNA, AVFE Valle Fertill, AVFE Valle Fertill.

ISC 23 05:13:21.4:7.0, 36.42N:71.12E, h201km,63km, mb3.1/6, mb1.3/2.8, mb1mx3.0/31, mbtmp3.6/8, Error ellipse: s-maj=34.3km s-min=21.8km az=19.0

NNC 23 05:13:29.1:1.2, 37.06N:71.03E, h208km,10km, mb2.2, mpv3.4, Error ellipse: s-maj=11.5km s-min=5.5km az=159.0

ISC 23 05:13:20.9:1.1, 36.5N:0.1:71.13E:0.10, h188km, n21, c207/24, mb3.1/6, 4C-5D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like DZET Dzerhino, SFK Suft-Kurgan, SFK Suft-Kurgan, ANL Alamyashov, MNAS Manas, MNAS Manas, UCH Uchter, EK2S Erkin-Say, KK31 Karatay Array, AAK Ala-Archa, KBK Karagaybulak, ULHL Ulughat, ULHL Tokmak 2, TKM2 Tokmak 2, MKAR Makanchi Array, AB31 Akbulak array, ZALV Zalesovo Beam, FINES FINESS Array B, ARCES ARCES Array B, NOA NORRAR Array B, TORD Torodi Ar. Bea, ILAR Eielson Array, WRA Warramunga Arr.

ISC/JB 23 05:22:43.6:0.6, 10.91N:0.06:62.36W:0.03, h117km,6km, Error ellipse: s-maj=9.6km s-min=4.4km az=162.9

FUNV 23 05:22:46.5, 11.06N:62.25W, h103km, MW2.9, TRN 23 05:22:46.5, 11.06N:62.25W, h103km, MD3.0, Error ellipse: s-maj=10.5km s-min=20.8km az=147.0

n24, c1564/41, 6C-1D, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like GUIV Guiria, TCE Chacachacare, TCE Chacachacare, CRUV Carupano, TRN Trinidad (W), GUNV Guanoco, GUNV Guian, TPP Pointe-a-Pierre, TBP Brigand Hill, GRW Mount Saint C, BOT Bacolet, TOSP Sepsyide, ORIV Orityupano, PCRV Puerto La Cruz, BELmont, PRGV PARIAGUAN, GURV El Guri, CUPV Cuperia, BIRV Bironogo, MERV Las Mercedes, LUEV Luepa, TURV Tuniamo, BAUV El Baul, MAPV Macapo, TEPV Terapaima.

ISC/JB 23 05:24:56.4:1.0, 36.33N:0.06:35.47E:0.05, h10km, Error ellipse: s-maj=8.7km s-min=5.3km az=30.4

DDA 23 05:24:56.8, 36.34N:35.52E, h7km, MD2.9, Error ellipse: s-maj=4.1km s-min=2.4km az=29.0

ISC 23 05:24:56.7:1.2, 36.28N:0.05:35.53E:0.04, h10km, n20, c1509/26, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like KRYS Karatas, KRYS Karatas, YAYL Yayladag, YAYL Yayladag, TAHT Tahtakopru-Hat, TAHT Tahtakopru-Hat, YURE YUREGIR, YURE YUREGIR, CEYT Ceyhan, CEYT Ceyhan, MERS Mersin, MERS Mersin, KARA Karaisalı, KARA Karaisalı, KAMA Osmaniyeye, KAMA Osmaniyeye, KUZU Kuzuni, KUZU Kuzuni, HCB Kahramanmara, HCB Kahramanmara, KMRS Kahramanmaras, KMRS Kahramanmaras.

IDC 23 05:26:59.1:1.4, 19.47N:147.77E, h0km, mb3.8/7, mb1.4/0.10, mb1mx3.8/46, mbtmp4.0/10, ML4.2/3, MS2.1/1, Ms1.2/1, ms1mx1.8/39, Error ellipse: s-maj=4.2km s-min=20.9km az=89.0

ISC/JB 23 05:27:02.2:1.1, 19.42N:0.06:147.6E:0.2, h33km, mb3.8/7, Error ellipse: s-maj=29.0km s-min=8.1km az=7.5

ISC 23 05:27:05.3:1.2, 19.51N:0.07:147.4E:0.2, h35km, n16, c1570/12, mb3.8/7, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like GUAMO Guamo, GUAMO Guamo, JCJ Chichijima, H1S3 WAKE ISLAND Hy 18.26, H1S1 WAKE ISLAND Hy 18.27, H1S2 WAKE ISLAND Hy 18.28, H1N1 WAKE ISLAND Hy 18.36, H1N2 WAKE ISLAND Hy 18.37, H1N3 WAKE ISLAND Hy 18.38, MJAR Matsushiro Arr, WRA Warramunga Arr, SONM Songoing Array, ZALV Zalesovo Beam, MKAR Makanchi Array, ILAR Eielson Array, FINES FINESS Array B.

IDC 23 05:35:22.2:1.1, 10.03N:126.88E, h0km, mb3.8/5, mb1.3/9.5, mb1mx3.5/36, mbtmp3.8/5, Error ellipse: s-maj=62.0km s-min=20.4km az=82.0, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, SONM Songoing Array, PETK Petropavlovsk, ZALV Zalesovo Beam.

IDC 23 05:57:44.4:1.9, 15.35S:173.12W, h0km, mb3.9/4, mb1.4/2.4, mb1mx3.8/31, mbtmp3.4/4, MS3.5/9, Ms1.3/5.9, ms1mx3.4/22, Error ellipse: s-maj=10.5km s-min=20.8km az=147.0

23d 7h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like Mount Signal, Coachella, Westside Schoo, Yuhia Desert, La Rumorosa, etc.

ISCJJB 23 06:41:42.6 0.0, 7.23:11S.0:08:66.72W.0:05, h208km, mb3.4/3, Error ellipse: s-maj=11.1km s-min=6.8km az=179.4

ICC 23 06:41:43.8 1.0, 23:09S:66.76W, h204km, 11km, mb3.0/3, mb1 3.2/6, mb1mx3.1/17, mbtmp3.7/6, Error ellipse: s-maj=22.8km s-min=16.7km az=5.0

GUC 23 06:41:46.3 0.0, 23:05S:67.12W, h208km, 31km, ML4.2, ISC 23 06:41:42.6 0.0, 8.23:28S:06.6674W.0:07, h208km, n15, r181/20, mb3.6/3, 1C, Jujuy Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like LVC, LVC, PB06, PB06, PB06, etc.

ATH 23 07:12:43.9, 39:33N:22:59E, h28km, 1km, MD2.7/10, ISCJB 23 07:12:44.3 0.0, 39:38N:0:22:59E:0:04, h29km, 5km, Error ellipse: s-maj=5.8km s-min=4.9km az=163.9

THE 23 07:12:44.6, 39:37N:22:59E, h28km, 1km, ML2.0/6, Error ellipse: s-maj=1.5km s-min=0.6km az=2.0

CSEM 23 07:12:44.3 0.0, 23:37N:22:59E, h21km, 2km, ML2.0, Error ellipse: s-maj=4.2km s-min=2.4km az=162.0

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

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Table with columns: DSF, Desfina, 0.94 183 ePN, P, 07 13 01.5 -0.7, etc.

ISCJJB 23 07:13:36.9 0.6, 16:2S:0:2:175.9W:0:1, h360km, mb3.8/6, Error ellipse: s-maj=26.0km s-min=8.9km az=149.7

ICD 23 07:13:37.8 1.9, 16:22S:176:01W, h346km, 24km, mb3.6/6, mb1 3.7/8, mb1mx3.4/25, mbtmp4.3/8, Error ellipse: s-maj=26.4km s-min=19.3km az=134.0

AUST 23 07:14:14.7, 18:23S:178:92E, h300km, ISC 23 07:13:38.1 0.8, 16:1S:0:2:175.9W:0:1, h360km, n16, r192/17, mb3.8/6, Tonga Islands

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

ICD 23 07:29:43.0 0.8, 9:69N:127:38E, h0km, mb3.8/7, mb1 3.9/7, mb1mx3.7/48, mbtmp3.8/7, Error ellipse: s-maj=59.3km s-min=17.9km az=71.0

ISCJJB 23 07:29:45.9 0.0, 8:96N:0:12:27E:0:4, h33km, mb3.8/7, Error ellipse: s-maj=58.9km s-min=16.3km az=161.0

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

ICD 23 07:30:46.8 5.1, 10:04S:151:10E, h0km, mb3.1/1, mb1 3.9/2, mb1mx3.3/43, mbtmp3.6/2, ML3.8/1, Error ellipse: s-maj=293.4km s-min=50.2km az=131.0

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

ICD 23 07:32:44.2 0.0, 16:22S:172:32W, h0km, mb3.5/3, mb1 3.8/4, mb1mx3.5/45, mbtmp3.5/4, ML2.6/1, Error ellipse: s-maj=68.4km s-min=22.8km az=130.0, Samoa Islands region

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

ISCJJB 23 07:49:13.7 0.0, 6:73N:0:09:127:13E:0:08, h50km, mb3.9/10, MS3.8/2, Error ellipse: s-maj=15.7km s-min=7.0km az=42.5

ICD 23 07:49:17.1 2.6, 6:66N:126:97E, h66km, 22km, mb3.6/10, mb1 3.8/11, mb1mx3.5/47, mbtmp4.0/11, MS3.7/2, MS1 3.7/2, ms1mx2.6/37, Error ellipse: s-maj=31.6km s-min=11.7km az=61.0

MAN 23 07:49:19.6 0.0, 6:16N:126:50E, h16km, mb4.7, ML3.6, MS3.6, ISC 23 07:48:15.8 0.8, 6:77N:0:1:127.0E:0:1, h50km, n16, r15/16, mb3.8/10, 1C, Philippine Islands region

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

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Table with columns: ILAR, Eielson Array, 82.33 26 P, P, 08 01 30.7 -1.3, etc.

ISCJJB 23 07:49:59.2 0.0, 3.12:76N:0:07:87:94W:0:06, h100km, mb3.7/6, Error ellipse: s-maj=13.3km s-min=2.9km az=39.3

CASC 23 07:50:00.3 2.4, 12:64N:88:00W, h35km, 719km, MD4.1, ML4.1, ICD 23 07:50:00.8 2.1, 12:84N:87:83W, h97km, 17km, mb3.4/6, mb1 3.7/8, mb1mx3.4/32, mbtmp3.8/8, Error ellipse: s-maj=36.2km s-min=22.4km az=39.0

ISC 23 07:50:00.2 0.8, 12:72N:0:08:87:95W:0:06, h100km, n34, r165/45, mb3.7/6, 4Z', Near coast of Nicaragua

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

ICD 23 07:29:48.4 0.9, 9:7N:0:2:127.4E:0:5, h35km, n7, r090/9, mb3.9/7, Philippine Islands region

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

WEL 23 07:50:05.0 0.6, 36:21S:177:93E, h188km, 6km, ML3.7/10, 5C-1D, Error ellipse: s-maj=11.5km s-min=7.0km az=90.0, Off east coast of North Island

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

ICD 23 07:32:44.2 0.0, 16:22S:172:32W, h0km, mb3.5/3, mb1 3.8/4, mb1mx3.5/45, mbtmp3.5/4, ML2.6/1, Error ellipse: s-maj=68.4km s-min=22.8km az=130.0, Samoa Islands region

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

ISCJJB 23 07:49:13.7 0.0, 6:73N:0:09:127:13E:0:08, h50km, mb3.9/10, MS3.8/2, Error ellipse: s-maj=15.7km s-min=7.0km az=42.5

ICD 23 07:49:17.1 2.6, 6:66N:126:97E, h66km, 22km, mb3.6/10, mb1 3.8/11, mb1mx3.5/47, mbtmp4.0/11, MS3.7/2, MS1 3.7/2, ms1mx2.6/37, Error ellipse: s-maj=31.6km s-min=11.7km az=61.0

MAN 23 07:49:19.6 0.0, 6:16N:126:50E, h16km, mb4.7, ML3.6, MS3.6, ISC 23 07:48:15.8 0.8, 6:77N:0:1:127.0E:0:1, h50km, n16, r15/16, mb3.8/10, 1C, Philippine Islands region

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

23d 11h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IACM Heraklion, SIVA Sivas, THRE Thira Island, ANKY Antikythira Is, etc.

ISCJB 23 10:15:07.9.0.2, 7.38S, 0.04:120.14E, 0.04, h650km, mb3.9/17, Error ellipse: s-maj=6.1km s-min=4.0km az=145.9

IDC 23 10:15:08.0.3.0.5, 7.34S, 120.19E, h627km, 5km, mb3.5/18, mb1.3/622, mb1mx3.5/33, mbmp4.5/22, Error ellipse: s-maj=18.1km s-min=7.3km az=62.0

AUST 23 10:15:08.0.3.0.7, 7.49S, 120.11E, h619km, 6km, Error ellipse: s-maj=8.1km s-min=4.2km az=13.0

KLM 23 10:15:08.4.7.31S, 120.25E, h630km, mb4.7, ML3.9, DJA 23 10:15:09.2.0.3, 8.3S, 120.0E, h621km, 6km, ML2,222, mb4.5/18, mb4.7/14, ML4.4/16, ML4.6/5, 22, ML4.4/4, 14

ISC 23 10:15:09.2.0.4, 7.31S, 0.06:120.21E, 0.08, h650km, n84, c134/81, mb3.9/17, 19C-16D, Flores Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BSSI Bau Bau, Buton, BKSI Bulukumba, KAPI Kappata, 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 MORW Morawa, QIS Mount Isa, BLDU Ballidu, etc.

ISCJB 23 10:30:07.9.0.5, 6.7789N, 0.03:26.00E, 0.10, h0km, Error ellipse: s-maj=5.5km s-min=3.5km az=159.6

HEL 23 10:30:11.0.0.1, 6.7794N, 25.85E, h0km, ML1.7, Explosion CSEM 23 10:30:11.0.0.6, 6.7942N, 25.85E, h0km, ML1.7, Mining explosion

IDC 23 10:30:13.0.4.3, 6.7798N, 25.84E, h0km, Error ellipse: s-maj=31.1km s-min=23.6km az=86.0

ISC 23 10:30:11.0.0.8, 6.793N, 0.03:25.85E, 0.04, h0km, n19, c059/33, Finland

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

ISCJB 23 11:09:00.0.0.6, 32.13N, 0.03:115.14W, 0.04, h2km, 10km, Error ellipse: s-maj=6.4km s-min=4.7km az=178.7

ECX 23 11:09:01.2.0.5, 32.13N, 115.18W, h10km, MD2.6, ML2.8 MEX 23 11:09:02.1.0.5, 32.17N, 115.10W, h2km, 999km, MD1.2

ISC 23 11:08:59.9.1.1, 32.13N, 0.03:115.15W, 0.04, h2km, 12km, n16, c084/125, 3C-11, California-Baja California border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CPBX Cerro Prieto, CPBX Cerro Prieto, CPBX Cerro Prieto, 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 SGL Mount Signal, COA Coachella, YUH Yuha Desert, etc.

ISCJB 23 11:09:59.2.0.4, 6.63N, 0.07:150.57E, 0.07, h39km, mb3.9/5, Error ellipse: s-maj=11.1km s-min=5.3km az=151.6

MOS 23 11:10:02.7.1.2, 4.508N, 150.40E, h56km, mb4.3/3, Error ellipse: s-maj=14.9km s-min=10.0km az=55.1

JMA 23 11:10:04.0.0.3, 44.90N, 150.16E, h30km, ML4.5, IDC 23 11:10:04.9.3.9, 45.11N, 150.34E, h63km, 30km, mb3.5/4, mb1.3/67, mb1mx3.2/26, mbmp3.9/7, ML3.3/2, Error ellipse: s-maj=53.8km s-min=26.1km az=160.0

SKHL 23 11:10:04.0.0.3, 44.96N, 150.35E, h67km, 13km, mb4.8/3, ISC 23 11:10:00.5.0.8, 44.64N, 0.07:150.52E, 0.07, h39km, n59, c206/60, mb4.0/5, 4C-7D, East of Kuril Islands

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like Q34A Chapman, KSU1 Kansas State U, P35A Duane Minner, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like WMQ Urumqi, WMQ White-Moore Ra, 134A Rocksprings, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KKN Kakani, PKI Pulchoki, PKIN Pulchoki, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Resolution. Includes stations like GUC 23:13:59, NALC Los Niches, etc.

ISCJB 23 14:21:51.9, 0.6, 39.87N, 0.03, 33.06E, 0.04, h1km, 6km, Error ellipse: s-maj=6.3km s-min=4.4km az=139.9 ISK 23 14:21:51.6, 39.83N, 33.02E, h10km, MD2.7 DDA 23 14:21:52.1, 39.86N, 33.11E, h7km, MD2.8

CSEM 23 14:21:52.0+0.2, 39.85N-33.05E, h10km, MD2.7, Error ellipse: s-maj=6.3km s-min=4.6km az=52.0

MDD 23 15:19:22.1-2.9, 32.81N-6.63W, h0km, mb3.6/3, Error ellipse: s-maj=34.4km s-min=24.1km az=73.0, PRXIMO INMG 23 15:19:23.5-1.2, 32.70N-6.80W, h31km, ML2.3, Error ellipse: s-maj=15.6km s-min=9.7km az=101.0

CHGN Chignik 4.85 46 ePn Pn 15 21 48.1 -0.0 SPIA Saint Paul Isl 5.16 324 P Pn 15 21 54.2 +1.9

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

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

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

IDC 23 14:48:26.6-17.0, 18.84S-173.70W, h0km, mb4.0/5, mb1 4.1/5, mb1mx3.7/33, mbtmp4.0/5, Error ellipse: s-maj=320.0km s-min=141.3km az=80.0, Tonga Islands

CSEM 23 15:19:23.0+0.5, 33.06N-6.65W, h10km, mb3.6/3, Error ellipse: s-maj=11.9km s-min=8.6km az=71.0, Morocco

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CTA, ASKA, WRA, FITZ.

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

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

IDC 23 15:06:02.6-6.8, 59.89S-28.55W, h254km, mb3.5/7, mb1 3.5/7, mb1mx3.4/14, mbtmp4.1/7, Error ellipse: s-maj=21.6km s-min=16.9km az=54.0, South Sandwich Islands region

CSEM 23 15:11:56.8+0.2, 37.58N-38.73E, h7km, MD3.1, Error ellipse: s-maj=4.9km s-min=3.3km az=169.8

CSEM 23 15:11:56.4+0.2, 37.58N-38.70E, h4km, MD3.1, Error ellipse: s-maj=5.6km s-min=4.7km az=162.0

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

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

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

DDA 23 15:11:55.8, 37.58N-38.73E, h7km, MD3.1, Error ellipse: s-maj=4.9km s-min=3.3km az=169.8

IDC 23 15:20:34.2-0.9, 53.26N-164.85W, h0km, mb4.1/20, mb1 4.2/22, mb1mx1.4/8, mbtmp4.1/22, ML3.7/2, MS3.7/23, MS1 3.7/23, ms1mx3.5/47, Error ellipse: s-maj=24.6km s-min=13.4km az=170.0

NEIC 23 15:20:34.2-1.1, 53.25N-164.78W, h30km, mb4.4/20, ML3.9(AEIC), Error ellipse: s-maj=6.5km s-min=2.9km az=166.0

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

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

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

IDC 23 15:11:56.9+0.3, 37.59N-38.71E, h0km, mb3.6/3, Error ellipse: s-maj=6.3km s-min=4.6km az=52.0

IDC 23 15:20:34.2-0.9, 53.26N-164.85W, h0km, mb4.1/20, mb1 4.2/22, mb1mx1.4/8, mbtmp4.1/22, ML3.7/2, MS3.7/23, MS1 3.7/23, ms1mx3.5/47, Error ellipse: s-maj=24.6km s-min=13.4km az=170.0

NEIC 23 15:20:34.2-1.1, 53.25N-164.78W, h30km, mb4.4/20, ML3.9(AEIC), Error ellipse: s-maj=6.5km s-min=2.9km az=166.0

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

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

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

23d 17h

Table with columns: BRTR, comp, LR, LR, 16 16 15.7, ASAR Alice Springs, STKA Stephens Creek, WEL 23:15:58.4-0.5, 38.12S;176.02E, North Island

Main table listing stations with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table listing stations with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

ISCJB 23:15:31.165-2.1, 51.68S;28.01E, h0km, mb3.8/4, mb1 3.9/4, mb1mx3.7/23, mbtmp3.8/4, MS1 3.3/3, ms1mx3.0/19, Error ellipse: s-maj=146.6km s-min=29.6km az=54.0, South of Africa

Main table listing stations with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

ISCJB 23:15:45.48-0.1, 0.56;1S:02:27.2W:0.5, h112km, mb3.8/4, Error ellipse: s-maj=43.7km s-min=20.1km az=159.8

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Table listing stations with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

DDA 23:15:54.12.8, 38.46N;29.05E, h3km, MD2.7

ISCJB 23:15:54.13.5, 0.5, 38.46N;0.04:29.07E:0.03, h5km, g6km, Error ellipse: s-maj=4.5km s-min=2.1km az=14.0

ISC 23:15:54.13.8-1.0, 38.44N;0.03:29.06E:0.03, h9km, 10km, n20, c035/34, Turkey

Main table listing stations with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

ISC 23:16:28.22.4-0.8, 2.98S; 129.53E, h0km, mb3.9/8, mb1 4.1/13, mb1mx3.9/31, mbtmp4.0/13, ML3.8/5, Error ellipse: s-maj=19.8km s-min=15.7km az=74.0

ISCJB 23:16:28.75.0, 2.99S;0.03:129.47E:0.03, h37km, g8km, mb3.8/7, Error ellipse: s-maj=5.6km s-min=4.6km az=1.0

DJA 23:16:28.25.4-0.8, 3.3S;3.13E, h14km, g6km, M4.2/9, mb4.4/8, mB4.9/3, MLV4.0/9, Mw(Mb)4.1/3

AUST 23:16:28.6.0-0.2, 8.1S; 129.55E, h98km, Error ellipse: s-maj=1.2km s-min=0.9km az=15.0

ISC 23:16:27.3-1.0, 3.00S;0.05:129.51E:0.04, h37km, 1km, n39, c146/41, mb3.8/7, Seram

Main table listing stations with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

ISCJB 23:17:00.34.0-1.2, 5.58S;0.09:147.5E:0.2, h170km, mb3.7/4, Error ellipse: s-maj=23.4km s-min=11.2km az=165.9

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ISC 23:17:00.34.1-2.3, 5.60S; 147.64E, h168km, 19km, mb3.4/4, mb1 3.6/8, mb1mx3.3/22, mbtmp4.0/8, Error ellipse: s-maj=28.6km s-min=19.9km az=88.0

ISC 23:17:00.34.6-1.3, 5.56S;0.10:147.6E:0.2, h170km, n12, c126/12, mb3.8/4, Eastern New Guinea region

Main table listing stations with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

KRNET 23:17:02.1-0.1, 4.11N;75.10E, h15km, mb3.9, NNC 23:17:02.1.2-0.5, 4.109N;75.06E, h0km, mb3.8, mpv3.5, Error ellipse: s-maj=5.8km s-min=2.0km az=116.0

KNET 23:17:02.1.9, 0.6, 41.20N;107.01E, h4km, g2km, mb3.2, Error ellipse: s-maj=4.1km s-min=2.6km az=149.0

ISC 23:17:07.19.9-1.4, 41.10N;0.04:75.13E:0.03, h3km, 12km, n35, c103/52, 31C-26, Kyrgyzstan

Main table listing stations with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KURBB, KURBS, AB31, AKTO, etc.

ISCJB 23 17:22:36.9.0.8, 25.23N, 0.07, 101.77E, 0.06, h10km, mb3.2/4, Error ellipse: s-maj=10.0km s-min=8.1km az=15.5

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KMI, CMAR, LZH, HHC, WHQ, SONM, MKAR, WRA, ASAR, etc.

MEX 23 17:27:12.8.0.4, 17.08N, 94.95W, h57km, 3km, MD3.9, Chiapas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CMIG, TUIG, VHO, TGIG, PCIG, PNIG, TLIG, etc.

SJA 23 17:33:44.8.0.7, 31.50S, 68.90W, h110km, 5km, ML3.5, San Juan Province

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SJA, RTLL, RTLS, RTLS, RTCV, CFAA, AMOG, AUISP, ASAL, ARCO, AVFE, AAGR, VCA, VCA, MRA, etc.

NNC 23 17:33:53.6.1.1, 43.29N, 78.22E, h0km, mb2.7, mpv2.3, Error ellipse: s-maj=50.0km s-min=6.1km az=174.0

KRNAT 23 17:33:52.0.1, 43.04N, 78.20E, h22km, mb2.3, ISC 23 17:33:54.6.1.3, 43.23N, 0.01, 78.25E, 0.07, h7km, 15km, n8, e=54/13, 10C-SD, Lake Issyk-Kul region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ANVS, PDGK, PDGK, ULHL, ULHL, TKM2, TKM2, TKM2, KZA, KZA, USP, USP, MK31, etc.

ISCJB 23 17:34:60.0.0.6, 53.33S, 0.08, 25.0E, 0.2, h10km, mb3.9/13, MS3.1/4, Error ellipse: s-maj=20.3km s-min=10.9km az=173.7

ISC 23 17:34:59.8.0.7, 53.38S, 24.78E, h0km, mb4.0/10, mb1.4/1.0, mb1mx3.9/28, mbtmp4.0/10, MS3.2/4, MS1.3/2.4, ms1mx3.0/21, Error ellipse: s-maj=28.1km s-min=16.3km az=75.0

NEIC 23 17:35:01.2.0.4, 53.39S, 24.80E, h10km, mb4.0/4, Error ellipse: s-maj=17.0km s-min=9.0km az=75.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SYO, SNA, SNA, SNA, VNA2, VNA2, MAW, MAW, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BOSA, LBTB, QSPA, QSPA, LSZ, CASY, VYND, SBA, CPUP, CPUP, DBIC, TORD, ASAR, NVAR, YKA, etc.

ISCJB 23 18:39:43.6.0.4, 46.57N, 0.04, 145.70E, 0.10, h367km, mb3.3/14, Error ellipse: s-maj=9.5km s-min=5.3km az=16.2

MOS 23 18:39:44.0.1.4, 46.88N, 145.47E, h361km, mb3.9/5, Error ellipse: s-maj=20.6km s-min=10.7km az=70.5

ISC 23 18:39:45.3.1.6, 46.91N, 145.64E, h359km, 17km, mb3.0/14, mb1.3.2/19, mb1mx3.1/33, mbtmp3.7/19, Error ellipse: s-maj=15.2km s-min=11.7km az=119.0

SKHL 23 18:39:46.1.0.8, 46.63N, 145.75E, h345km, mb3.9/3, ms4.4/3

ISC 23 18:43:44.6.0.6, 46.55N, 0.06, 145.61E, 0.06, h367km, n42, e=185/50, mb3.3/14, 4C-2D, Sea of Okhotsk

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

ISC 23 18:43:44.6.0.6, 46.55N, 0.06, 145.61E, 0.06, h367km, n42, e=185/50, mb3.3/14, 4C-2D, Sea of Okhotsk

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

ISC 23 18:43:44.6.0.6, 46.55N, 0.06, 145.61E, 0.06, h367km, n42, e=185/50, mb3.3/14, 4C-2D, Sea of Okhotsk

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

ISC 23 18:43:44.6.0.6, 46.55N, 0.06, 145.61E, 0.06, h367km, n42, e=185/50, mb3.3/14, 4C-2D, Sea of Okhotsk

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like JRA, JSE, JTRK, JWK, NEM2, ASAJ, JAR, JAK, JAK, JCH, JNBK, JNBK, JKB, JOT, USRK, etc.

ISC 23 19:26:48.5.0.4, 13.83N, 91.79W, h10km, MD4.4, CASC 23 19:26:48.2.2.2, 13.75N, 91.36W, h12km, 12km, MD3.6, ISC 23 19:26:43.5.2.6, 13.7N, 91.81W, h15km, 13km, n14, e=148/22, 1C-3D, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like JAT, FUG, PCG, PCG, IXG, NBG, NBG, RBDL, RBDL, EL Retiro, SNUE, BOQS, MRL, LFRS, PCIG, PCIG, C3IG, SNVI, etc.

ISC 23 19:38:13.4.0.9, 16.86N, 145.99E, h0km, mb3.6/9, mb1.3/9.0, mb1mx3.7/26, mbtmp3.6/10, ML3.8/1, MS1.8/1, MS1.1/8.1, ms1mx1.7/28, Error ellipse: s-maj=35.0km s-min=18.1km az=96.0, Mariana Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like GUMO, GUMO, GUMO, H11S3, H11S1, H11S2, H11N1, H11N2, H11N3, KRSS, etc.

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

ISC 23 18:42:01.0.1.6, 32.43N, 103.38E, h0km, mb3.1/3, mb1.3.5/4, mb1mx3.2/31, mbtmp3.2/4, ML3.9/1, MS3.0/1, MS1.3.0/1, ms1mx2.5/11, Error ellipse: s-maj=80.9km s-min=28.3km az=55.0

ISCJB 23 18:42:10.2.0.1, 0.31, 23N, 0.04, 103.39E, 0.08, h15km, mb3.5/2, MS2.9/1, Error ellipse: s-maj=9.7km s-min=5.8km az=165.4

BUI 23 18:42:12.8.0.37, 6N, 103.29E, h18km, ML3.2/11, ISC 23 18:42:10.9.1.1, 31.10N, 0.06, 103.27E, 0.07, h15km, n9, e=133/10, Sichuan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CD2, CD2, CD2, LZH, LZH, LZH, XAN, XAN, XAN, etc.

ISC 23 18:42:12.8.0.37, 6N, 103.29E, h18km, ML3.2/11, ISC 23 18:42:10.9.1.1, 31.10N, 0.06, 103.27E, 0.07, h15km, n9, e=133/10, Sichuan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like HHC, CMAR, WMQ, MJAR, WRA, WRA, etc.

KRSC 23 18:56:27.6.1.4, 50.66N, 157.52E, h94km, 21km, ML3.8, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SKR, PAU, ASAK, MTRV, RUS, RUS, APC, PET, AVH, KOK, KRER, KR, SPN, SPN, GNL, MKZ, MKZ, TUMR, KBTR, etc.

MEX 23 19:11:20.6.0.6, 17.95N, 94.93W, h110km, 27km, MD3.8, Chiapas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CMIG, CMIG, VHO, TGIG, TGIG, PNIG, TLIG, TLIG, etc.

MEX 23 19:26:48.5.0.4, 13.83N, 91.79W, h10km, MD4.4, CASC 23 19:26:48.2.2.2, 13.75N, 91.36W, h12km, 12km, MD3.6, ISC 23 19:26:43.5.2.6, 13.7N, 91.81W, h15km, 13km, n14, e=148/22, 1C-3D, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like JAT, FUG, PCG, PCG, IXG, NBG, NBG, RBDL, RBDL, EL Retiro, SNUE, BOQS, MRL, LFRS, PCIG, PCIG, C3IG, SNVI, etc.

ISC 23 19:38:13.4.0.9, 16.86N, 145.99E, h0km, mb3.6/9, mb1.3/9.0, mb1mx3.7/26, mbtmp3.6/10, ML3.8/1, MS1.8/1, MS1.1/8.1, ms1mx1.7/28, Error ellipse: s-maj=35.0km s-min=18.1km az=96.0, Mariana Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like GUMO, GUMO, GUMO, H11S3, H11S1, H11S2, H11N1, H11N2, H11N3, KRSS, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KMBL, MORW, JHJ, MJAR, KRSR, etc.

ICD 23:20:49.19.4.0.39.45N:74.18E, h0km, mb3.8/1.1, mb1 3.9/17, mb1mx3.6/58, mbtmp3.7/17, ML2.9/6, MS2.6/1, Ms1 2.6/1, ms1mx2.1/42, Error ellipse: s-maj=16.9km s-min=16.3km az=141.0

KRNET 23:20:49.21.5.0.1.39.53N:74.29E, mb3.9, NNC 23:20:49.23.2.1.1.39.67N:74.13E, h0km, mb4.3, mpv4.0, Error ellipse: s-maj=9.5km s-min=4.5km az=8.0

ISC 23:20:49.24.0.1.2.39.68N:0.04:74.12E:0.04, h15km, 8km, n68, e200/82, mb3.8/1.1, 35C-11D, Southern Xinjiang

Main station list table for the 1255 section, including stations like Sufi-Kurgan, Kashi, Aral, Naryn, Amlayashu, Kyzart, Uchtor, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Chirah Chowk, THW, DLH, SARP, OTUK, etc.

ICD 23:20:53.33.4.2.7.7.13S:150.94E, h0km, mb3.7/3, mb1 4.0/4, mb1mx3.5/20, mbtmp3.8/4, ML1.3/1, Error ellipse: s-maj=92.3km s-min=37.4km az=134.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Port Moresby, WRR, ASAR, FITZ, TORO, etc.

CSEM 23:21:22:55.7.0.2.37.94N:48.44E, h2km, ML3.8, Error ellipse: s-maj=4.6km s-min=3.6km az=73.0

TEH 23:21:22:56.3.7.37.99N:48.45E, h5km, ML3.8, AZER 23:21:22:56.4.1.3.38.18N:48.60E, h5km, Error ellipse: s-maj=2.6km s-min=0.8km az=226.0

NNC 23:21:22:58.2.4.3.38.86N:48.44E, h0km, mb4.1, Error ellipse: s-maj=80.2km s-min=35.0km az=103.0

ISC 23:21:22:54.9.1.2.38.08N:0.03:48.44E:0.03, h10km, n63, e1940/106, 19C-15D, Iran-Armenia-Azerbaijan border region

Main station list table for the 2010 AUG section, including stations like Lerik, Sarab, Lenkeran, Heris, Bostanabad, Fath-abad, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IMRD, IMRD Marand, KDMR, etc.

HEL 23:21:27:1.4.0.0.4.67.66N:33.84E, h0km, ML1.7, Explosion NAO 23:21:27:14.9.1.1.67.67N:33.70E, ML2.5

CSEM 23:21:27:1.4.3.0.9.67.56N:33.64E, h1km, ML2.5, Error ellipse: s-maj=17.9km s-min=7.8km az=93.0, Mining explosion.

ISC 23:21:27:11.4.1.8.67.65N:0.04:34.1E:0.1, h0km, n27, e1945/46, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Apatity Array, APAA, etc.

23d 21h

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like KU6 Riekk, MSF Maaselka, ARAO ARCESS Array S, etc.

ICD 23.21:37:41.2,1.4, 0.27N, 121.62E, h0km, mb3,8/4, mb1 3.9/4, mb1mx3.4/48, mbtmp3.8/4, Error ellipse: s-maj=140.9km s-min=24.2km az=61.0

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like MRSI Marisa, APCI Ampana, GTOI Gorontalo, etc.

CSEM 23.21:39:58.9, 0.2, 49.85N, 18.42E, h2km, ML3.4/17, Ms3.2, Error ellipse: s-maj=4.3km s-min=2.3km az=19.0

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like SONM Songino Array, BRG Makanchi Array, etc.

ICD 23.21:39:59.0, 0.2, 49.80N, 18.24E, h0km, Error ellipse: s-maj=2.8km s-min=1.4km az=13.0

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like OKC Ostrava-Krasne, PAC Raciborz, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like LANS Liptovska Anna, KRALC Kraliky, NIE Niedzica, etc.

ICD 23.21:38:02.8, 0.6, 0.26N, 0.08, 121.79E, h1.3km, 5km, mb3.5/4, Error ellipse: s-maj=12.8km s-min=9.2km az=0.9

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like PKST T's, PVCC Panska Ves, etc.

ICD 23.21:39:57.6, 0.6, 49.86N, 18.45E, h0km, n150, r135/235, 13C-23D, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like KHC Kasperske Hory, KHC KHC, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like TRSU Trosnyk, KORU Koroletvo, MEZ Mezhor'ye, etc.

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Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like NKC Novy Kostel, NKC TANN, NKC TANN, etc.

ICD 23.21:45:48.2, 0.4, 31.18S, 0.03, 68.72W, 0.04, h115km, 5km, mb3.4/3, Error ellipse: s-maj=5.6km s-min=4.9km az=21.4

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like GZR Gura Zlata, KMPD K-Podol'skiy, MOTA Moosalm, etc.

ICD 23.21:45:48.7, 0.9, 31.25S, 68.64W, h104km, 24km, ML4.1, mb1 3.6/6, mb1mx3.3/30, mbtmp3.3/6, Error ellipse: s-maj=31.9km s-min=19.5km az=81.0

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like RETA Reutte, LOT Lotru, FETA Feichten, etc.

ICD 23.21:45:48.0, 0.7, 31.19S, 0.04, 68.71W, 0.04, h106km, 6km, n34, 0892/47, mb3.3/3, 1C, San Juan Province

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like RTLL Cerro Villicun, AJO MIOGNA, SJA San Juan, etc.

23d 22h

J04D	Umpqua Nationa	48.17	73	P	P	22 41 17.6 +1.4
G08A	Pilot Rock	48.25	69	eP	P	22 41 19.2 +2.5
PINOR	Pine Mountain	48.37	71	eP	P	22 41 18.9 +1.5
ARA0	ARCES Array S	48.38	341	eP	P	22 41 16.8 -0.5
ARCES	ARCES Array B	48.38	341	eP	P	22 41 16.8 -0.5
ARCES	comp=Z,2.5nm,0.8s,baz=359,slow=7.8,SNR=6.9				LR	23 05 10.0
BSMT	Bassoo Peak	48.42	64	eP	P	22 41 18.9 +0.8
J05D	Fort Rock, OR	48.72	74	eP	P	22 41 19.7 +0.5
SUMG	Summit	48.61	8	iP	P	22 41 19.0 -0.3
SUMG	Summit	48.61	8	eP	P	22 41 19.1 -0.3
SUMG	comp=Z,8.0nm,0.8s				pmax	pmax
SUMG	Summit	48.61	8	eP	P	22 41 19.1 -0.3
SVE	Sverdlövsk	48.80	314	eP	P	22 41 21.1 +0.6
SVE	comp=Z,7.0nm,1.2s				pmax	pmax
SVE	comp=Z,16.4nm,20.0s				MLR	MLR
YBH	Yreka Blue Hor	48.96	75	eP	P	22 41 23.6 +1.5
YBH	comp=Z,7.0nm,1.0s				pmax	pmax
YBH	Yreka Blue Hor	48.96	75	eP	P	22 41 23.6 +1.5
SWMT	Swartz Lake	49.04	63	eP	P	22 41 23.3 +0.6
FFC	Flin Flon	49.10	50	eP	P	22 41 23.3 +0.4
FFC	comp=Z,7.0nm,0.9s				pmax	pmax
FFC	Flin Flon	49.10	50	eP	P	22 41 23.3 +0.4
M02C	Callahan	49.14	75	P	P	22 41 24.7 +1.2
K05A	Summer Lake	49.15	72	eP	P	22 41 24.8 +1.0
M04C	Macdoel	49.37	74	P	P	22 41 26.3 +1.0
SLMT	Seelye Lake	49.47	63	eP	P	22 41 26.6 +0.6
N02D	Trinity Center	49.52	75	P	P	22 41 27.9 +1.5
MSO	Missoula	49.56	64	P	P	22 41 27.3 +0.6
CHMT	Chamberlain Mo	49.82	63	eP	P	22 41 29.7 +0.9
ARU	Arti	49.87	315	iP	P	22 41 28.7 -0.1
ARU	Arti	49.87	315	eP	P	22 48 41.3 +4.1
ARU	comp=Z,13nm,1.7s				pmax	pmax
ARU	Arti	49.87	315	eP	P	22 41 28.6 -0.1
WDC	Whiskeytown Da	49.90	76	eP	P	22 41 33.4 +4.2
WDC	comp=Z,5.0nm,1.0s				pmax	pmax
WDC	Whiskeytown Da	49.90	76	eP	P	22 41 33.4 +4.2
MOD	Modoc	50.05	73	eP	P	22 41 30.9 +0.3
O03D	Paynes Creek	50.49	75	P	P	22 41 34.7 +1.0
O03D	comp=Z,9.2nm,0.8s				pmax	pmax
WVOR	Wild Horse Val	50.49	71	eP	P	22 41 34.8 +1.0
WVOR	comp=Z,7.0nm,0.9s				pmax	pmax
WVOR	Wild Horse Val	50.49	71	eP	P	22 41 34.8 +1.0
EGMT	Eagleton	50.64	60	P	P	22 41 35.3 +0.5
LRM	Limekiln Ridge	51.00	64	eP	P	22 41 38.2 +0.4
MFID	Camas Ranch	51.16	68	eP	P	22 41 39.0 +0.3
DLMT	Dillon	51.27	64	eP	P	22 41 40.9 +1.2
BOZ	Bozeman (W)	51.52	64	eP	P	22 41 42.5 +1.0
BOZ	comp=Z,4.0nm,1.0s				pmax	pmax
BOZ	Bozeman (W)	51.52	64	P	P	22 41 42.1 +0.6
BOZ	comp=Z,5.1nm,0.5s,SNR=5.4				pmax	pmax
BOZ	Bozeman (W)	51.52	64	eP	P	22 41 42.5 +1.0
MCMT	McKenzie Canyo	51.55	65	eP	P	22 41 42.6 +0.7
HLID	Hailey	51.73	67	eP	P	22 41 43.6 +0.4
HLID	comp=Z,3.4nm,0.9s				pmax	pmax
HLID	Hailey	51.73	67	eP	P	22 41 43.9 +0.7
KMI	Kunming	52.36	257	P	P	22 41 48.1 0.0
KMI	comp=Z,11nm,0.8s				PMZ	PMZ
KMI	comp=Z,180nm,3.8s				PMZ	PMZ
YFT	Old Faithful	52.78	64	eP	P	22 41 51.8 +0.7
A25A	Svagsvot Ranch	52.91	55	P	P	22 41 52.0 +0.3
RLMT	Red Lodge	53.02	62	P	P	22 41 53.5 +0.7
RLMT	comp=Z,5.3nm,1.2s				pmax	pmax
RLMT	Red Lodge	53.02	62	eP	P	22 41 52.0 -0.7
WAKR	Walker	53.04	75	eP	P	22 41 56.5 +3.5
IMW	Indian Meadow	53.15	65	eP	P	22 41 55.2 +1.3
AAK	Ala-Archa	53.26	293	eP	P	22 41 54.6 +0.1
AAK	comp=Z,2.1nm,1.0s				pmax	pmax
AAK	Ala-Archa	53.26	293	eP	P	22 41 55.3 +0.8
AAK	comp=Z,2.8nm,0.9s				pmax	pmax
FXWY	Fox Creek	53.31	65	eP	P	22 41 56.1 +1.2
B25A	Knox Farm, Ray	53.40	56	P	P	22 41 56.0 +0.7
ELK	Elko	53.45	70	eP	P	22 41 57.4 +1.4
ELK	comp=Z,7.0nm,1.0s				pmax	pmax
ELK	Elko	53.45	70	eP	P	22 41 57.4 +1.4
TPAW	Teton Pass	53.45	65	eP	P	22 41 57.5 +1.5
H19A	Powell	53.49	63	P	P	22 41 56.7 +0.6
LOHW	Long Hollow	53.53	65	eP	P	22 41 57.5 +1.0
EKS2	Erkin-Say	53.59	294	eP	P	22 41 57.7 +0.8
EKS2	comp=Z,11nm,0.9s				pmax	pmax
EKS2	Erkin-Say	53.59	294	eP	P	22 41 57.7 +0.8
REDW	Red Top Meadow	53.60	65	eP	P	22 41 58.3 +1.3
NV01	Mina Array Sit	53.67	74	P	P	22 41 58.5 +0.9
NVAR	Mina Array Bea	53.67	74	P	P	22 41 58.4 +0.8
HVU	Hansel Valley	53.87	68	eP	P	22 42 00.4 +1.4
HVU	comp=Z,11nm,1.0s				pmax	pmax
HVU	Hansel Valley	53.87	68	eP	P	22 42 00.4 +1.4
I19A	Meeteetse	53.97	63	P	P	22 42 00.0 +0.3
H20A	Greybull	54.09	62	P	P	22 42 00.5 +0.1
A28A	Rude Farm, Bot	54.15	54	P	P	22 42 01.7 +0.9
H21A	Big Horn, Sher	54.42	61	P	P	22 42 03.3 +0.4
I20A	World	54.44	63	P	P	22 42 03.6 +0.5
A19A	Crowheart	54.53	64	P	P	22 42 04.3 +0.6
J29A	Manning Farm,	54.58	53	P	P	22 42 04.1 +0.2
HWUT	Hardware Ranch	54.59	67	eP	P	22 42 05.2 +1.0
E25A	Miller Ranch,	54.64	57	P	P	22 42 05.6 +1.2
BW06	Boulder Array	54.67	65	eP	P	22 42 05.3 +0.5
LSA	Lhasa	54.71	270	eP	P	22 42 06.1 +0.5
LSA	comp=Z,32nm,2.1s				pmax	pmax
LSA	Lhasa	54.71	270	eP	P	22 42 06.1 +0.5
ABKAR	Abkukul array	54.77	308	eP	P	22 42 05.3 +0.1
KKAR	Karatay Array	54.81	296	eP	P	22 42 05.6 0.0
KKAR	Karatay Array	54.81	296	eP	P	22 42 05.6 0.0
J20A	Shoshoni	54.91	63	P	P	22 42 06.9 +0.3

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ULM	Lac du Bonnet	54.93	50	P	P	22 42 06.5 +0.2
ULM	comp=Z,8.3nm,0.8s,baz=345,slow=7.5,SNR=4.8				pmax	pmax
ULM	Lac du Bonnet	54.93	50	eP	P	22 42 07.3 +1.0
ULM	comp=Z,12nm,0.9s				pmax	pmax
ULM	Lac du Bonnet	54.93	50	eP	P	22 42 07.3 +1.0
I21A	Hig Trails, Te	54.93	62	P	P	22 42 06.4 -0.3
C28A	Busauer Farms	55.02	55	P	P	22 42 07.0 0.0
TCUT	Toone Canyon	55.04	67	eP	P	22 42 07.7 +0.1
F25A	Bowman	55.06	58	P	P	22 42 07.0 -0.4
DUG	Dugway	55.06	69	eP	P	22 42 09.0 +1.4
DUG	comp=Z,9.0nm,1.1s				pmax	pmax
DUG	Dugway	55.06	69	P	P	22 42 07.7 0.0
DUG	comp=Z,8.6nm,1.1s				pmax	pmax
E26A	Carlson Angus,	55.08	57	P	P	22 42 09.7 +0.2
R11A	Troy Canyon, C	55.10	72	P	P	22 42 08.5 +0.5
J21A	Lysite	55.22	63	P	P	22 42 09.3 +0.5
I22A	9 Mile Ranch,	55.25	62	P	P	22 42 09.0 +0.1
MDND	Madlock	55.25	54	P	P	22 42 09.4 +0.6
B30A	Myrvik Farm, E	55.32	53	P	P	22 42 09.9 +0.7
FIA0	FINESS Array S	55.43	336	eP	P	22 42 09.2 -0.5
FIA0	comp=Z,6.3nm,0.9s				pmax	pmax
FIA0	FINESS Array S	55.43	336	eP	P	22 42 09.2 -0.5
FINES	FINESS Array B	55.43	336	P	P	22 42 09.2 -0.5
NLU	North Lily Min	55.61	68	eP	P	22 42 13.1 +1.4
J22A	Midwest	55.62	62	P	P	22 42 11.4 -0.2
PKM	Peak Mountain	55.62	78	P	P	22 42 12.6 +0.9
B31A	Greenbush Farm	55.63	52	P	P	22 42 12.1 +0.7
G25A	Newell	55.64	58	P	P	22 42 11.6 -0.1
DAC	Darwin (Calif)	55.69	75	eP	P	22 42 13.7 +1.4
DAC	comp=Z,4.0nm,1.0s				pmax	pmax
DAC	Darwin (Calif)	55.69	75	eP	P	22 42 13.7 +1.4
ISA	Isabella	55.72	77	eP	P	22 42 14.9 +2.6
ISA	comp=Z,2.2nm,2.2s				pmax	pmax
ISA	Isabella	55.72	77	P	P	22 42 13.1 +0.8
ISA	Isabella	55.72	77	eP	P	22 42 14.9 +2.6
TPNV	Topopah Spring	55.85	74	eP	P	22 42 14.1 +0.7
TPNV	comp=Z,10.0nm,1.0s				pmax	pmax
TPNV	Topopah Spring	55.85	74	P	P	22 42 14.2 +0.8
TPNV	comp=Z,19nm,1.4s				pmax	pmax
TPNV	Topopah Spring	55.85	74	eP	P	22 42 14.1 +0.7
MPMC	Manual Prospec	55.91	75	P	P	22 42 14.9 +1.1
FURC	Furnace Creek,	55.91	75	P	P	22 42 14.7 +1.1
G26A	Maurine	55.93	58	P	P	22 42 13.6 -0.1
H25A	Fruitdale	56.00	59	P	P	22 42 14.4 +0.1
B32A	Ashes, Strandq	56.11	52	P	P	22 42 15.4 +0.5
G27A	Dupree	56.17	57	P	P	22 42 15.8 +0.4
K22A	Casper	56.19	63	P	P	22 42 15.8 +0.1
K22A	comp=Z,5.2nm,0.8s				pmax	pmax
K22A	Casper	56.19	63	eP	P	22 42 16.4 +0.7
D30A	Buchanan	56.19	54	P	P	22 42 15.6 +0.2
RSSD	Black Hills	56.19	60	eP	P	22 42 16.1 +0.3
RSSD	comp=Z,9.0nm,0.8s				pmax	pmax
RSSD	Black Hills	56.19	60	eP	P	22 42 16.1 +0.3
LRMC	Laurel Mountain	56.26	76	P	P	22 42 16.8 +0.6
I25A	Rochford	56.41	60	P	P	22 42 17.4 +0.1
AGMN	Agassiz Nation	56.47	51	P	P	22 42 18.0 +0.6
AGMN	Agassiz Nation	56.47	51	eP	P	22 42 15.9 -1.5
TMUT	Trail Mountain	56.54	68	eP	P	22 42 20.0 +1.6
EDW2	Edwards Air Fo	56.57	77	P	P	22 42 19.5 +1.0
P17A	Butcher Ranch,	56.63	68	eP	P	22 42 18.1 -0.8
MSU	Marysvale	56.67	70	eP	P	22 42 21.3 +2.0
MSU	Marysvale	56.67	70	eP	P	22 42 21.3 +2.0
SHPR	Sheep Range	56.74	73	eP	P	22 42 21.2 +1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like Z32A Haskell, X38A Whitesboro, Z31A Sharp Cattle R, etc.

ASAR Alice Springs 27.66 225 P P 22 55 58.0 -1.4
FITZ Fitzroy Crossi 31.55 243 P P 22 56 34.0 +0.1
TORD Torodi Ar. Bea 152.28 289 PKPbc PKPbc 23 10 08.6 0.0

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Lists numerous stations including ZKYS Zakynthos, SFD Strofades, VLS Valsamata, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like PLG Polygyros, PLG Polygyros, HORT Hortiatis, etc.

MDD 23:23:01.04:0.1, 8.3, 37.34N: 12.56W, h0km, mb3.7/8,
mBLG2.5/1, Error ellipse: s-maj=16.7km s-min=11.8km
az=48.0, PRXIMO

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like IDC 23:22:50:09.6:2.2, 4.73S:154.92E, h0km, mb4.1/1, etc.

24d 1h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SGSI Sangeh, SGTI SGTI, TMTI Ternate, etc.

IDC 24 00:04:43.9.35.0, 32.60S-179.90E, h413km, 339km, mb3.4/3, mb1 3.5/3, mb1mx3.0/40, mbtp4.2/3, MS2.9/1, Ms1 2.9/1, ms1mx2.6/15, Error ellipse: s-maj=160.4km s-min=41.9km az=85.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, WRA Warrungarra Arr, NWAO Nawarogin (SRO), etc.

ISCJB 24 00:24:36.6.0.5, 38.90N-0.02-27.38E, 0.02, h5km, 4km, Error ellipse: s-maj=4.2km s-min=3.1km az=176.9

CSEM 24 00:24:36.7.0.1, 38.88N-27.36E, h10km, MD2.9, Error ellipse: s-maj=2.2km s-min=1.8km az=4.0

ISK 24 00:24:36.1, 38.88N-27.37E, h8km, MD2.9

DDA 24 00:24:36.5, 38.90N-27.37E, h7km, MD2.8

ATH 24 00:24:36.8, 38.88N-27.36E, h5km, 3km, MD3.2/6

ISC 24 00:24:36.9.0.9, 38.89N-0.02-27.37E, 0.02, h11km, 8km, n43, c055/68, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AKS Akhisar, AKHS Akhisar, DKL Dikili, etc.

ISCJB 24 00:28:22.1.0.6, 2.78N-0.06-128.47E, 0.09, h150km, mb3.7/13, Error ellipse: s-maj=13.1km s-min=8.4km az=18.9

IDC 24 00:28:24.0.3.7, 2.72N-128.42E, h151km, 35km, mb3.5/13, mb1 3.6/14, mb1mx3.4/42, mbtp4.0/14, MS3.0/1, Ms1 3.0/1, ms1mx2.3/20, Error ellipse: s-maj=27.3km s-min=10.8km az=75.0

DJA 24 00:28:39.4.1.2, 2.1N-16.127E, 1.2, h27km, 15km, M3.9/4, mb4.5/4, mb5.5/4, mb3.5/4, mb4.5/4, mb3.5/4

ISC 24 00:28:23.8.0.7, 2.72N-128.4E, 0.1, h150km, n22, c0567/23, mb3.8/13, Halmahera

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LBMI Labuha, GTOI Gorontalo, MRSI Marisa, etc.

IDC 24 01:08:20.5.4.8, 5.30S-156.03E, h0km, mb3.8/2, mb1 4.1/2, mb1mx3.5/25, mbtp3.8/2, Error ellipse: s-maj=202.1km s-min=46.2km az=120.0, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warrungarra Arr, ASAR Alice Springs, TORO Torodi Ar. Bea, etc.

ROM 24 01:15:49.1.0.2, 44.45N-7.17E, h16km, 2km, Md2.5/9, Md2.2/9, Error ellipse: s-maj=3.0km s-min=1.6km az=57.0

GEN 24 01:15:49.7, 44.46N-7.17E, h10km, ML2.7

CSEM 24 01:15:49.2.0.1, 44.47N-7.15E, h10km, ML2.8/26, Error ellipse: s-maj=3.1km s-min=2.2km az=66.0

ISCJB 24 01:15:49.6.0.2, 44.46N-0.01-7.21E, 0.03, h19km, 2km, Error ellipse: s-maj=3.6km s-min=2.1km az=156.9

STR 24 01:15:49.8.0.1, 44.47N-7.18E, h5km, Md2.6, Error ellipse: s-maj=5.0km s-min=0.0km az=0.0

LDG 24 01:15:49.6.0.0, 44.48N-7.19E, h10km, Md2.8/5, Md2.7/31, Error ellipse: s-maj=1.0km s-min=0.6km az=66.0

ISC 24 01:15:48.8.0.9, 44.48N-0.01-7.22E, 0.02, h19km, n145, c151/213, 1D, Northern Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DOI San Damiano, ENR Entraque, ENR Saint Ours, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like REVV Revv, CALN Calern, MONC Monucco Torin, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Bois d'Angland, Saint Jean de, SJAFA, EJON, MTLF, etc.

IDC 24 01:24:18.2.1.6.4.50S:128.88E h0km, mb3.6/1, mb1 3.9/4, mb1mx3.5/37, mbtmp3.7/4, ML3.6/3, Error ellipse: s-maj=53.4km s-min=26.8km az=80.0

ISCJB 24 01:24:20.9.0.7.4.50S:0.07:128.90E:0.07:h0km, mb3.7/1, Error ellipse: s-maj=11.2km s-min=9.3km az=139.7

DJA 24 01:24:21.5.0.9.4.S:6.12'9E', h14km:8km, M3.6/7, MLV3.6/7

ISC 24 01:24:22.2.1.2.4.48S:0.08:128.94E:0.07:h40km,n11, c148/11, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BNDI, MSAI, NLAJ, FAKI, etc.

IDC 24 01:31:57.0.9.57.99S:24.78W, h0km, mb3.9/4, mb1 3.9/5, mb1mx3.7/22, mbtmp3.8/5, ML3.0/1, Error ellipse: s-maj=45.2km s-min=26.1km az=75.0

ISCJB 24 01:32:02.1.1.0.58'S:0.2:24.83'W:0.15:h40km, mb3.9/4, Error ellipse: s-maj=42.3km s-min=15.9km az=157.3

ISC 24 01:32:03.0.9.58.0S:0.2:24.8'W:0.3:h40km,n10, c055/11,mb3.7/4,South Sandw Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VNA1, SNAJ, GSPA, LPAZ, etc.

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

IDC 24 01:50:29.4.0.9.6.73S:154.50E, h0km, mb3.9/8, mb1 4.0/11, mb1mx3.9/29, mbtmp3.9/11, ML3.7/2, Error ellipse: s-maj=27.5km s-min=18.6km az=117.0

ISCJB 24 01:50:34.1.0.7.6.85S:0.10:154.48E:0.08:h48km, mb3.7/8, Error ellipse: s-maj=15.5km s-min=10.1km az=148.7

ISC 24 01:50:35.8.0.8.6.95S:0.1:154.5E:0.1:h48km,n13, c116/15,mb3.9/8,Bougainville - Solomon Islands region

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

IDC 24 02:03:34.2.3.4.6.00S:149.00E, h0km, mb3.8/2, mb1 4.2/4, mb1mx3.7/35, mbtmp4.0/4, ML4.3/1, MS3.7/1, Ms1 3.7/1, ms1mx2.6/34, Error ellipse: s-maj=93.3km s-min=35.2km az=109.0, New Britain region

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

MEX 24 02:11:55.2.0.4.18.44N:107.27W, h14km:14km, MD6.1, BUJ 24 02:11:57.0.19.09N:106.77W, h16km, mb5.7/4, mb5.8/19, Ms6.0/31, Ms7.5/31

IDC 24 02:11:57.9.0.6.18.98N:107.09W, h0km, mb4.3/31, mb1 4.4/36, mb1mx4.4/44, mbtmp4.3/36, ML4.3/4, MS5.3/23, Ms1 5.3/23, ms1mx2.0/30, Error ellipse: s-maj=19.3km s-min=9.9km az=49.0

ISCJB 24 02:11:59.8.0.2.18.76N:0.02:107.20W:0.0:h30km, mb5.2/171, MS5.5/186, Error ellipse: s-maj=3.6km s-min=2.4km az=4.2

GCMT 24 02:11:59.1.0.1.18.84N:107.42W, h24km, MW6.2/120, Moment Tensor Solution. s119,c260, s120,c448; Duration: 3s0 Moment tensor: Scale 1018Nm; Mn-0.01±.01; Mw-1.44±.01; Ms-1.45±.02; Mo-0.21±.04; M-1.81±.01; N-0.27±.04; Best double couple: M2:340000±1018 NP1:289.000000, 886.000000, λ:173.000000; NP2:20.000000, 883.000000, λ:4.000000; NP3:0.000000, 7.23670, P1g:0.0000, Azm2:44.0000; N -0.0530, Plg2:0000; Azm1:7.0000; P -2.3130, Plg2:0000; Azm334.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

NEIC 24 02:11:59.1.0.3.18.80N:107.19W, h10km, mb5.5/154, MS5.6/144, MW6.1, MW6.0, MD6.1(MEX) Error ellipse: s-maj=6.4km s-min=4.1km az=219.0 Best double couple: NP1:287.000000, 890.000000, λ:179.000000; NP2: 287.000000, 889.000000, λ:0.000000; Principal axes: T 1.0400, P1g1.0000; Azm241.0000; N 0.0500, Plg38.0000; Azm1000000; P -1.0900, Plg0.0000; Azm331.0000

NEIC Felt at Aultan, Guadaluajara, Mexico and Naucalpan. NEIC 24 02:12:00.0.0.10.18.7N:107.33W, h15km, Moment Tensor Solution. s24 Moment tensor: Scale 1018Nm; Mn-0.27; Mw-1.13; Ms-1.41; Mo-0.65; M-1.39; Mo-0.14; Best double couple: M2:0.000000±1018 NP1:293.000000, 878.000000, λ:-161.000000; NP2:199.000000, 873.000000, λ:-11.000000; Principal axes: T 2.0300, Plg3.0000; Azm65.0000; N -0.0400, Plg68.0000; Azm326.0000; P -1.9900, Plg20.0000; Azm156.0000; MOS 24 02:12:02.3.1.3.19.02N:107.17W, h33km, mb5.5/35, MS5.6/22 Error ellipse: s-maj=9.5km s-min=4.5km

ISC 24 02:11:59.9.0.3.18.57N:0.04:107.16W:0.03:h30km, n1037,c152/825,mb5.4/172,MS5.6/197,5C-7D,Off coast of Jalisco

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like R15V, R15V, etc.

NEIC Felt at Aultan, Guadaluajara, Mexico and Naucalpan. NEIC 24 02:12:00.0.0.10.18.7N:107.33W, h15km, Moment Tensor Solution. s24 Moment tensor: Scale 1018Nm; Mn-0.27; Mw-1.13; Ms-1.41; Mo-0.65; M-1.39; Mo-0.14; Best double couple: M2:0.000000±1018 NP1:293.000000, 878.000000, λ:-161.000000; NP2:199.000000, 873.000000, λ:-11.000000; Principal axes: T 2.0300, Plg3.0000; Azm65.0000; N -0.0400, Plg68.0000; Azm326.0000; P -1.9900, Plg20.0000; Azm156.0000; MOS 24 02:12:02.3.1.3.19.02N:107.17W, h33km, mb5.5/35, MS5.6/22 Error ellipse: s-maj=9.5km s-min=4.5km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like R15V, R15V, etc.

ISC 24 02:11:59.9.0.3.18.57N:0.04:107.16W:0.03:h30km, n1037,c152/825,mb5.4/172,MS5.6/197,5C-7D,Off coast of Jalisco

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like R15V, R15V, etc.

ISC 24 02:11:59.9.0.3.18.57N:0.04:107.16W:0.03:h30km, n1037,c152/825,mb5.4/172,MS5.6/197,5C-7D,Off coast of Jalisco

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like R15V, R15V, etc.

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

24d 2h

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes stations like Coleman, Jarrell, Snyder, Lometa, Tucker Farm, etc.

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Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes stations like Vega, Amrillo, Jacksonsville, McDonald Ranch, Belle Mtn. Jos, etc.

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Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes stations like Guthrie, Sheep Range, Hugoton, Lockesburg, Laurel Mountain, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like ISCO Idaho Springs, Q30A Quinter, R33A Olander Ranch, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like ELK Elko, M27A Reverse DX Ranch, HWUT Hardware Ranch, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like I23A Meade Ranch, KCPM Cahto Peak, DWPF Disney, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Time, and other parameters. Includes entries like SVW2 Sparrevohm, PPT Papeete, PPT2 Papeete2, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Time, and other parameters. Includes entries like FOO comp=2.6um,18.4s, SUE Sulen, SUE Sulem, etc.

24d 2h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Time, and other parameters. Includes entries like YAK comp=N,60nm,2.8s, YAK Yakutsk, YAK Yakutsk, etc.

Table with columns: TLL, comp, N, 746nm, 0.4s, AML, AML, 02 14 18.8, LSCH, La Serena, 3.00 331, i P, Pn, 02 13 44.4 -0.2, etc.

ISCJB 24 02:20:40.5:0.6, 6.92N:0.06:73.07W:0.07, h161km, mb3.1/2, Error ellipse: s-maj=12.0km s-min=5.7km az=38.7

FUNV 24 02:20:40.3: 6.75N:73.18W, h164km, MWV.7, IDC 24 02:20:41.2:4.5, 6.63N:72.92W, h175km, 33km, mb2.7/2, mb1 3.2/3, mb1mx2.7/2, mb2mp3.3/3, Error ellipse: s-maj=73.7km s-min=33.4km az=83.0

ISC 24 02:20:41.0:1.0, 6.88N:0.07:73.04W:0.08, h161km, n18, c087/24, 3C-1D, Northern Colombia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, CAPV, Capacho, 1.22 36, i P, Pn, 02 21 09.9 +1.0, etc.

MOS 24 02:22:05.1:2.5, 52.13N:98.41E, h2km, mb4.8/1, Error ellipse: s-maj=27.8km s-min=18.1km az=12.2, Tuva-Buryatia-Mongolia border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ORL, Oriik, 0.95 64, e P, Pn, 02 22 36.2 +1.4, etc.

IDC 24 02:36:35.7:1.5, 29.18N:130.37E, h0km, mb3.7/5, mb1 3.8/6, mb1mx3.5/29, mb2mp3.7/6, ML2.42, MS3.6/1, Ms1 3.6/1, ms1mx2.9/41, Error ellipse: s-maj=44.8km s-min=19.4km az=95.0

ISCJB 24 02:36:39.6:0.7, 29.09N:0.104:130.57E:0.09, h40km, mb3.7/3, Error ellipse: s-maj=12.1km s-min=4.4km az=2.2

JMA 24 02:36:40.3:0.1, 29.12N:130.44E, h64km, mb3.0, M3.0, IDC 24 02:36:41.1:0.1, 29.12N:0.05:130.47E:0.09, h40km, n19, c064/23, mb3.8/5, Ryukyu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, JNN, Nakanoshima, 0.89 325, e P, Pn, 02 36 56.9 +0.2, etc.

NNC 24 02:37:52.3:2.3, 36.82N:71.05E, h0km, mb3.5, mpv3.2, IC-2D, Error ellipse: s-maj=19.2km s-min=7.0km az=170.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, DZET, Dzerhino, 2.65 319, i P, Pn, 02 38 36.6 0.0, etc.

Table with columns: KK31, 1.0nm, 0.3s, baz=179, slow=13, SNR=11, Sn, Sn, 02 40 39.4 +0.3, 0.4nm, 0.1s, baz=202, slow=30, SNR=3.6

IDC 24 03:01:02.0:5.0, 6.06S:148.64E, h46km, mb3.6/4, mb1 3.8/6, mb1mx3.5/30, mb2mp3.8/6, ML3.9/1, MS4.5/1, Ms1 4.5/1, ms1mx3.6/28, Error ellipse: s-maj=48.8km s-min=33.9km az=122.0

ISCJB 24 03:01:03.4:1.3, 6.15S:0.1:148.4E:0.3, h65km, mb3.6/4, Error ellipse: s-maj=43.1km s-min=13.2km az=20.4

ISC 24 03:01:04.3:1.3, 6.05S:0.2:148.5E:0.4, h65km, n7, c088/8, mb3.5/4, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, PMG, Port Moresby, 3.58 201, Op P, Pn, 03 01 57.6 +0.2, etc.

IDC 24 03:02:36.7:2.8, 7.13S:154.66E, h0km, mb3.6/3, mb1 3.9/3, mb1mx3.5/18, mb2mp3.6/3, Error ellipse: s-maj=126.6km s-min=55.5km az=163.0, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, MKAR, Makanchi Array, 83.28 319, Op P, Pn, 03 15 05.4 -0.1, etc.

BUI 24 03:06:22.1, 8.40S:120.70E, h182km, mb4.7/32, mb5.0/17, NEIC 24 03:06:23.9:0.5, 8.26S:120.72E, h188km, 5km, mb4.8/33, Error ellipse: s-maj=7.9km s-min=5.2km az=223.0

ISCJB 24 03:06:23.5:0.2, 8.39S:0.02:120.70E:0.02, h189km, 2km, mb4.7/64, Error ellipse: s-maj=4.1km s-min=2.9km az=41.8

IDC 24 03:06:24.8:0.5, 8.09S:120.97E, h196km, 4km, mb4.3/18, mb1 4.4/22, mb1mx4.2/34, mb2mp4.8/22, MS2.5/1, Ms1 2.5/1, ms1mx2.4/42, Error ellipse: s-maj=14.3km s-min=5.8km az=50.0

KLM 24 03:06:24.7:8.44S:120.63E, h183km, mb5.2, MS5.9, AUST 24 03:06:24.0:0.4, 8.41S:120.68E, h172km, 5km, Error ellipse: s-maj=6.1km s-min=4.0km az=40.0

DJA 24 03:06:25.5:0.1, 8.5S:1.12E:1.2E, h171km, 2km, M4.9/81, mb5.4/39, mb5.0/81, MLV5.2/33, Mw(mB)4.8/39

ISC 24 03:06:24.3:0.3, 8.38S:0.03:120.71E:0.04, h189km, 2km, h189km: p-P, n223, c188/62/252, mb4.7/64, 9C-5D, Flores region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, EDFI, Ende, Flores, 0.4 111, Op P, Pn, 03 06 52.3 -1.1, etc.

SRBI Singaraja 5.45 275 P Pn 03 07 43.9 -0.4

IGBI Denpasar 5.52 265 P Pn 03 07 43.3 -1.9

ABJI Asem Bagus 6.44 275 P Pn 03 08 00.3 +3.1

JAGI Jajag, Banyuw 6.49 269 P Pn 03 07 57.0 -0.8

JAGI Jajag, Banyuw 6.49 269 P Pn 03 07 55.4 -2.5

JAGI Jajag, Banyuw 6.49 269 ePn Pn 03 07 54.8 -3.0

KBKI Kotabaru 6.77 318 P Pn 03 09 05.4 -6.4

KMMI Kalianget 6.81 281 P Pn 03 08 02.4 +0.6

BLJI Banyugulung 0.70 275 P Pn 03 08 06.4 +0.9

APSI Apak 7.48 7 P Pn 03 08 12.0 +1.2

LUWI Luwuk 7.58 16 P Pn 03 08 12.7 +0.6

Table with columns: SMRI Semarang 10.26 277, P Pn, 03 08 48.2 +1.0, SMRI Semarang 10.26 277, ePn Pn, 03 08 47.5 +0.3

SMRI Saumlaki 10.49 89 ePn Pn 03 08 48.7 -1.6

FITZ Fitzroy Crossi 10.79 154 P Pn 03 08 53.6 -0.4

FITZ 12nm, 0.3s, baz=334, slow=9.3, SNR=9.2 S Sn 03 10 48.5 -5.7

FITZ 12nm, 0.3s, baz=230, slow=14, SNR=8.2 S Sn 03 10 48.5 -0.5

FITZ 12nm, 0.3s, baz=334, slow=9.3, SNR=9.2 S Sn 03 08 53.1 -0.5

FITZ 12nm, 0.3s, baz=334, slow=9.3, SNR=9.2 S Sn 03 08 53.4 -0.5

FITZ 12nm, 0.3s, baz=334, slow=9.3, SNR=9.2 S Sn 03 10 48.5 -5.7

MTN Manton Dam 11.16 114 P Pn 03 08 57.3 -1.6

MTN 11.16 114 ePn Pn 03 08 56.7 -2.2

TNTI Ternate 11.26 36 P Pn 03 09 01.5 +1.4

TNTI Ternate 11.26 36 ePn Pn 03 09 00.1 +0.1

FAKI Fak Fak 12.70 65 ePn Pn 03 09 17.2 -1.3

MBWA Marble Bar 12.74 184 ePn Pn 03 09 18.9 -0.1

MBWA Marble Bar 12.74 184 ePn Pn 03 09 18.2 +0.3

CISI Cisompet, Garu 12.79 273 P Pn 03 09 22.4 -1.2

CISI Cisompet, Garu 12.79 273 ePn Pn 03 09 16.7 -3.1

CISI 12nm, 0.3s, baz=184, slow=19, SNR=3.1 S Sn 03 11 31.2 -1.1

SIWI Sorong 12.89 55 P Pn 03 09 26.8 +2.1

SIWI Sorong 12.89 55 P Pn 03 09 20.1 -0.9

SIJI 0.4nm, 0.3s, baz=184, slow=19, SNR=3.1 S Sn 03 11 41.0 -3.7

TSM Tawau 12.90 347 i P Pn 03 09 23.5 -1.3

LEM Lembang 13.07 276 P Pn 03 09 24.4 +1.1

LEM 108nm, 0.9s 13.07 276 P Pn 03 09 22.0 -1.3

LEM 6.5nm, 0.3s, baz=94, slow=10, SNR=12 S S 03 11 51.6 +0.2

LEM 3.9nm, 0.3s, baz=337, slow=23, SNR=1.8 S S 03 09 24.4 +1.1

CNJI Cibinong 13.49 274 P Pn 03 09 34.2 +2.9

MYLMD Lahad Datu 13.65 351 i P Pn 03 09 32.6 -0.5

MYLMD Lahad Datu 13.65 351 ePn Pn 03 09 33.0 0.0

SBUM Sibul 13.69 321 i P Pn 03 09 32.2 +1.3

AGUM Agung 13.69 321 ePn Pn 03 09 31.5 +0.9

BTM Bintulu 13.79 326 i P Pn 03 09 32.7 +1.6

CBJI Citeko 13.88 277 P Pn 03 09 32.9 -0.4

TPI Tanjungpandan 14.14 293 P Pn 03 09 37.9 -0.6

KSM Kuching 14.26 313 i P Pn 03 09 39.0 +1.0

KSM Kuching 14.26 313 ePn Pn 03 09 38.5 +0.5

SKM Sandakan 14.36 346 i P Pn 03 09 38.1 0.0

CGJI Cibinong 14.99 276 P Pn 03 09 46.9 -0.1

XMIS Christmas Isia 15.00 261 eP Pn 03 09 48.1 +0.1

KKM Kota Kinabalu 15.01 342 i P Pn 03 09 48.3 0.0

KKM Kota Kinabalu 15.01 342 ePn Pn 03 09 47.6 +0.2

KDM Kudat 15.08 346 i P Pn 03 09 57.0 +1.4

PPBI Pangkal Pinang 15.76 292 P Pn 03 09 57.2 +0.7

KLJ Kotabumi 16.13 282 P Pn 03 10 01.3 +0.4

KASI Katingan 16.34 279 P Pn 03 10 03.0 +0.2

LWLI Liwa 16.87 280 P Pn 03 10 15.0 +5.1

MDSI Madura Dua 16.87 282 P Pn 03 10 08.2 -0.5

WRA Waramunga Arr 17.50 132 P Pn 03 10 16.1 +0.5

WRA 5.8nm, 0.3s, baz=312, slow=20, SNR=12 S S 03 13 21.4 -6.3

WRA 5.8nm, 0.3s, baz=312, slow=20, SNR=12 S S 03 18 01.8 -0.8

WRAB Tennant Creek 17.50 132 P Pn 03 10 16.0 +0.4

WRAB Tennant Creek 17.50 132 eP Pn 03 10 16.0 +0.4

LHSI Lahat 17.67 284 P Pn 03 13 21.9 -5.9

WRKA Warakurna 18.08 157 P Pn 03 10 23.9 -0.1

MEEK Meekatharra 18.27 186 P Pn 03 10 26.0 -0.1

TPRI Tanjung Pinang 18.59 299 P Pn 03 10 29.5 -0.5

KSI Kapahiang 18.61 284 P Pn 03 10 33.0 +2.6

MYKOH Kota Tinggi 19.61 300 eP Pn 03 10 39.8 +1.3

ASAR Alice Springs 19.77 142 P Pn 03 10 41.1 +0.9

ASAR 3.2nm, 0.3s, baz=327, slow=12, SNR=105 p P 03 11 14.9 +3.1

ASAR 4.4nm, 0.3s, baz=320, slow=12, SNR=2.1 S S 03 14 11.9 -0.8

ASAR 3.2nm, 0.3s, baz=312, slow=19, SNR=11 ScP ScP 03 18 07.5 -1.3

ASAR 1.1nm, 0.3s, baz=342, slow=2.4, SNR=1.6 ScS ScS 03 21 47.3 -4.1

MORW Morawa 21.04 191 P Pn 03 10 54.6 +1.0

BKNI Bangkinang 21.42 293 P Pn 03 11 00.6 +2.8

BKNI Bangkinang 21.42 293 eP Pn 03 10 56.5 -1.3

PPI Padang Panjang 21.71 290 P Pn 03 11 00.7 -0.1

QIS Mount Isa 21.91 126 P Pn 03 11 03.3 +0.6

TGY Tagaytay City 22.34 1 P Pn 03 11 03.7 -3.1

BLDU Ballidu 22.43 189 P Pn 03 11 08.5 +1.0

COEN Coen 22.72 106 P Pn 03 11 11.0 +0.7

COEN Coen 22.72 106 eP Pn 03 11 10.7 +0.4

KMBL Kambalda 22.90 177 P Pn 03 11 12.8 +1.0

MNSI Mandailing Nat 23.25 292 P Pn 03 11 11.5 -0.9

KLBR Kellerberrin 23.26 186 P Pn 03 11 16.0 +1.0

FORT Forrest 23.32 164 P Pn 03 11 16.9 +1.4

FORT Forrest 23.32 164 eP Pn 03 11 16.7 +1.2

IPM Ipo 23.42 304 eP Pn 03 11 16.3 -0.4

KULM Kulim 24.18 304 eP Pn 03 11 21.9 -1.6

PSI Prapat 24.40 296 P Pn 03 11 24.6 -1.1

PSI Prapat 24.40 296 S S 03 11 25.9 +0.2

PSI Prapat 24.40 296 eP Pn 03 11 25.1 +0.4

NWAO Narogin (SRO) 24.64 187 P Pn 03 11 28.5 +1.0

NWAO 4.0nm, 0.5s, baz=329, slow=7.4, SNR=38 LR LR 02 22 35.2

NWAO 4.0nm, 0.5s, baz=329, slow=7.4, SNR=38 LR LR 02 22 35.2

NWAO 4.0nm, 0.5s, baz=329, slow=7.4, SNR=38 LR LR 02 22 35.2

NWAO 4.0nm, 0.5s, baz=329, slow=7.4, SNR=38 LR LR 02 22 35.2

PCJI Paitan 9.43 270 P Pn 03 08 35.4 -1.0

WOJI Wonorejo, Jawa 9.70 272 P Pn 03 08 40.1 +0.2

UGM Wanagama 10.09 272 P Pn 03 08 44.5 -0.6

UGM Wanagama 10.09 272 P Pn 03 08 43.9 -1.2

LBMI Labuha 10.24 42 P Pn 03 08 54.5 -0.7

SMRI Semarang 10.26 277 P Pn 03 08 48.0 +0.8

Table with columns: SMRF, Station Name, Time, Az, Phase, ID, Res, etc. Includes stations like Simiane la Rot, Simiane la Rot, etc.

ICD 24 03:28:15.2±2.8, 20.46Sx179.54E, h0km, mb3.7/3, mb1 4.1/3, mb1mx3.7/24, mbttmp3.7/3, Error ellipse: s-maj=284.6km s-min=33.6km az=162.0, South of Fiji Islands

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

ISCJB 24 03:31:18.2±0.2, 59.86N±0.02±152.91W±0.05, h122km, 2km, mb3.7/8, Error ellipse: s-maj=4.3km s-min=3.2km az=43.5

ICD 24 03:31:18.6±1.4, 59.78N±152.85W, h106km, 1.7km, mb3.6/7, mb1 3.7/11, mb1mx3.5/29, mbttmp4.0/11, Error ellipse: s-maj=17.6km s-min=15.2km az=102.0

NEIC 24 03:31:20.6, 59.85N±152.91W, h108km, MG3.7(AEIC), After AEIC.

ISC 24 03:31:19.5±0.7, 59.84N±0.04±152.87W±0.04, h118km, 5km, n117, c1900/135, mb3.9/8, Southern Alaska

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ILS Iliamna Low So, OPT Iliamna, etc.

Table with columns: Station Name, Time, Az, Phase, ID, Res, etc. Includes stations like Fire Island, Katmai Knife C, Susitna One, etc.

ICD 24 03:42:42.1±3.8, 16.23Sx174.61W, h222km, 4.1km, mb3.2/2, mb1 3.4/3, mb1mx3.0/42, mbttmp3.8/3, MS4.1/2, Ms1 4.1/2, ms1mx3.4/11, Error ellipse: s-maj=259.7km s-min=34.7km az=142.0, Tonga Islands

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

ICD 24 04:11:00.5±0.9, 37.91N±48.34E, h2km, mb3.9, Error ellipse: s-maj=19.2km s-min=13.6km az=130.0

ICD 24 04:11:00.7±0.0, 38.15N±48.13E, h5km, 6km, Error ellipse: s-maj=15.5km s-min=5.0km az=337.0

ISC 24 04:10:57.6±2.3, 39.01N±147.99E±0.05, h12km±12km, n31, c158/47, 9C-19D, Northwest Iran

CSEM 24 04:11:00.5±0.9, 37.91N±48.34E, h2km, mb3.9, Error ellipse: s-maj=19.2km s-min=13.6km az=130.0

AZER 24 04:11:00.7±0.0, 38.15N±48.13E, h5km, 6km, Error ellipse: s-maj=15.5km s-min=5.0km az=337.0

ISC 24 04:10:57.6±2.3, 39.01N±147.99E±0.05, h12km±12km, n31, c158/47, 9C-19D, Northwest Iran

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

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

ISCJB 24 04:24:48.7±0.5, 55.65N±0.04±135.37W±0.09, h10km, Error ellipse: s-maj=8.4km s-min=3.6km az=144.8

PGC 24 04:24:51.0±4.3, 55.62N±135.40W, h10km, ML3.1/7, 159km South of Sitka, AK Off Coast of Southeastern Alaska

NEIC 24 04:24:54.0, 55.66N±135.34W, h0km, ML3.0(AEIC), ML3.1(OTT) After AEIC.

ISC 24 04:24:49.7±1.2, 55.70N±0.05±135.25W±0.06, h10km, n25, c1951/36, Off coast of southeastern Alaska

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

ICD 24 04:28:16.9±5.2, 0.52N±14.46W, h0km, mb3.3/2, mb1 3.7/3, mb1mx3.3/40, mbttmp3.6/3, ML3.6/1, MS4.1/1, s-min=20.4km s-maj=154.0, North of Ascension Island

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like H10N2 ASCENSION HYDR, H10N3 ASCENSION HYDR, etc.

ISCJBJ 24 04:40:25.0, 8.7, 1N.0, 1x126.5E:0.2, h200km, mb3.7/5, Error ellipse: s-maj=22.5km s-min=13.9km az=162.0

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

AUST 24 04:51:13.3, 16.97S, 177.50W, h300km ISCJBJ 24 04:51:36.0, 0.5, 17.7S:0.1, 178.55W:0.08, h500km, mb4.0/16, Error ellipse: s-maj=15.9km s-min=7.3km az=150.2

IDC 24 04:51:37.2, 1.4, 17.76S:178.47W, h511km, 17km, mb3.5/15, mb1 3.6/17, mb1mx3.5/30, mbtmp4.4/17, Error ellipse: s-maj=16.3km s-min=11.0km az=149.0

ISC 24 04:51:36.5, 0.6, 17.8S:0.1, 178.48W:0.09, h500km, n42, e118/45, mb4.1/16, 3C-2Z, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

IDC 24 05:12:52.6, 2.7, 7.32S:156.66E, h0km, mb4.1/8, mb1 4.1/8, mb1mx3.8/37, mbtmp4.1/8, MS3.1/3, Ms1 3.1/3, ms1mx2.8/31, Error ellipse: s-maj=85.9km s-min=25.5km az=115.0

ISC 24 05:12:58.7, 2.7, 7.45S:0.3, 156.8E:0.6, h45km, n15, e058/10, mb4.1/8, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

0.6mm, 0.5s, baz=142, slow=7.3, SNR=3.8 MKAR Makanchi Array 84.89 318 P P 05 25 29.2 +0.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

ISCJBJ 24 05:42:15.1, 0.9, 33.48N:0.03, 119.02W:0.03, h14km, 7km, mb3.9/9, Error ellipse: s-maj=5.5km s-min=3.1km az=42.4

NEIC Felt (III) at Santa Monica and (II) in the Ventura-Los Angeles-Long Beach area. Felt as far as Barstow, El Cajon and Nilipome.

IDC 24 05:42:17.1, 1.1, 33.33N:118.84W, h0km, mb4.0/5, mb1 3.9/9, mb1mx3.7/38, mbtmp3.7/9, ML3.4/4, Error ellipse: s-maj=18.9km s-min=9.3km az=33.0

ISC 24 05:42:16.1, 1.2, 33.51N:0.03, 119.01W:0.03, h9km, 2gkm, n69, e129/91, mb3.9/5, Southern California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

IDC 24 05:58:13.1, 1.3, 10.35S:66.18E, h0km, mb3.7/6, mb1 3.8/6, mb1mx3.6/50, mbtmp3.7/6, MS3.6/3, Ms1 3.6/3, ms1mx3.1/50, Error ellipse: s-maj=46.6km s-min=29.1km az=17.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

IDC 24 06:07:51.5, 0.3, 6.08S:133.63E, h0km, mb5.3/30, mb1 5.3/36, mb1mx5.3/38, mbtmp5.3/36, ML5.7/4, MS4.7/23, Ms1 4.7/23, ms1mx4.5/31, Error ellipse: s-maj=12.6km s-min=8.0km az=65.0

ISCJBJ 24 06:07:53.6, 0.7, 6.04S:0.02, 133.56E:0.02, h25km, 4km, mb5.3/135, MS4.5/24, Error ellipse: s-maj=3.5km s-min=3.0km az=143.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

DJA 24 06:07:57.4-0.6, 6.5 S, 1x13.4E, h36km, 6km, M5.5/82, mB5.8/52, mb5.5/82, MLV6.0/15.1, Mw(mB)5.5/42, Mwpp5.1/2, ISC 24 06:07:57.7-0.3, 6.04S, 0.03-133.56E, 0.03, h44km, km, h44km; pP-N, 802z, r122, 900, mb5.3/145, MS4.5/24, 20C-26D, AR Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, FAKI Fak Fak, MSAL Masohi, etc.

Table with columns: ASOI Alice Springs, ASAR Alice Springs, ASAR comp=Z, 9.9nm, 0.3s, etc. Includes stations like KBKI Kotabaru, CTA Charters Tower, MYLDM Lahad Datu, etc.

Table with columns: QZH Quanzhou, QZH comp=Z, 1.1um, 19.4s, etc. Includes stations like QZH Quanzhou, QZH comp=Z, 1.1um, 19.4s, etc.

Table with columns for name, location, date, time, and status. Includes entries like Pomariorio Ree, Vaihoo, UNV Unalaska Valle, BVAO Borovoye Array, etc.

Table with columns for name, location, date, time, and status. Includes entries like Divnogorie, SNAAS Snaae, VSR Storozhevo, LPSR Galich'ya Gora, etc.

Table with columns for name, location, date, time, and status. Includes entries like WUAZ Wupatki, WUAZ KHC, KHC Kasperske Hory, etc.

24d 6h

2010 AUG

1276

Table with columns: ID, Name, Address, Date, Time, Status, and various numerical values. Includes entries like C31A Landman Farms, BNI Bardonecchia, R27A Eads, etc.

Table with columns: ID, Name, Address, Date, Time, Status, and various numerical values. Includes entries like 330A Mertzson, K34A Le Mars, O33A Helton, etc.

Table with columns: ID, Name, Address, Date, Time, Status, and various numerical values. Includes entries like 534A Blanco, Y35A Marietta, Z35A Perchaven, etc.

DNZL Cakroluk	0.85	56	iP	Pb	08 25 17.0 +0.2
DNZL				Sg	08 25 12.0 +0.9
DNZL Cakroluk	0.85	56	iS	Pb	08 25 01.7 +0.2
DNZL				Sg	08 25 12.0 +0.9

IDC 24 08:24:44.5:1.3 63°13N-151°19W,h100km,13km,
 mb3 8/15,mb1 3.9/20,mb1mx3.6/56,mbtp4 1/20,Error
 ellipse: s-maj=13.2km s-min=9.7km az=103.0
 ISCJB 24 08:24:46.2:0.63°14N:0°10'150.85W:0.0,
 h129km,1km,mb4.0/21,Error ellipse: s-maj=3.2km
 s-min=2.4km az=19.7
 NEIC 24 08:24:47.4:6.13°12N:150°80W,h128km,mb4.2/11,After
 AEIC.

ISC 24 08:24:47.4:0.63°12N:0.03°150°91W:0.03,
 h131km,5km,n343,0°95/374,mb4.1/21,Central Alaska

Code	Station Name	Δ°	AZ°	Op	ISC	Time	Res
TRF	Thorofare Moun	0.44	40	eP	Pn	08 25 05.8 -0.6	
TRF				eSn	Pn	08 25 19.8 -1.0	
CUT	Chulitna	0.77	157	P	Sn	08 25 07.9 -0.4	
TRAP	Trapper Creek	0.84	158	P	Pn	08 25 08.5 -0.4	
TRAP				P	Pn	08 25 25.8 +0.7	
RND	Reindeer	0.97	72	S	Sn	08 25 09.7 -0.7	
RND				S	Sn	08 25 26.7 -0.8	
BPAW	Bear Paw Mtn.	0.99	358	ePn	Pn	08 25 09.3 -0.8	
BPAW				eSn	Pn	08 25 26.2 -1.4	
CHUM	Lake Minchumin	0.99	321	P	Pn	08 25 10.0 -0.1	
CHUM				P	Pn	08 25 26.5 -1.1	
MCK	McKinley	1.08	54	ePn	Pn	08 25 10.4 -0.7	
MCK				eSn	Pn	08 25 27.8 -1.4	
SKT	Skwentna	1.18	194	P	Pn	08 25 11.6 -0.5	
SKT				S	Pn	08 25 30.1 -0.6	
BWN	Browne	1.24	31	P	Pn	08 25 12.7 +0.1	
BWN				eSn	Pn	08 25 34.5 +2.6	
SUA	Susitna One	1.66	177	P	Sn	08 25 17.7 +0.3	
SUA				S	Pn	08 25 40.7 +0.4	
NEA	Nenana	1.68	28	P	Pn	08 25 16.6 -0.9	
STLK	Strandline Lake	1.68	195	P	Pn	08 25 17.4 -0.2	
FMR	Palmer	1.74	151	P	Pn	08 25 17.1 -1.1	
FMR				eSn	Pn	08 25 40.8 -0.9	
SML	Sawmill	1.78	136	ePn	Pn	08 25 17.8 -0.9	
SML				eSn	Pn	08 25 42.3 -0.3	
WRH	Wood River Hill	1.85	41	P	Pn	08 25 18.8 -0.7	
WRH				P	Pn	08 25 43.3 -0.8	
MLY	Manley	1.92	2	P	Pn	08 25 19.0 -0.6	
MLY				eSn	Pn	08 25 43.5 -2.3	
BGL	Barrier Glacie	1.98	201	P	Pn	08 25 22.0 +0.8	
SPBG	Spurr Blockage	1.98	201	P	Pn	08 25 21.8 +0.6	
SPBG				S	Pn	08 25 48.5 +1.3	
FIB	Fire Island	1.99	170	P	Pn	08 25 21.6 +0.4	
CKN	Chakachamna No	1.99	198	P	Pn	08 25 22.2 +0.9	
SPU	Spout Spurr	2.02	196	ePn	Pn	08 25 21.2 -0.4	
SPU				eSn	Pn	08 25 44.8 -2.9	
CKL	Chakachamna La	2.04	200	P	Pn	08 25 22.0 +0.1	
CCB	Clear Creek Bu	2.06	40	P	Pn	08 25 21.2 -0.8	
CCB				P	Pn	08 25 48.0 -0.6	
SCM	Sheep Creek Mo	2.10	126	P	Pn	08 25 21.5 -1.2	
SCM				S	Pn	08 25 49.4 -0.3	
RC01	Rabbit Creek A	2.11	164	ePn	Pn	08 25 21.8 -0.9	
RC01				eSn	Pn	08 25 48.2 -1.4	
HDA	Harding Lake	2.18	52	P	Pn	08 25 23.1 -0.4	
HDA				P	Pn	08 25 47.1 -1.2	
MDM	Murphy Dome	2.19	31	P	Pn	08 25 23.0 -0.7	
MDM				eSn	Pn	08 25 49.4 -2.2	
COLA	College	2.22	36	ePn	Pn	08 25 23.1 -0.8	
COLA				eSn	Pn	08 25 52.0 -0.1	
TAPS	TAPS Pump Stn8	2.31	50	P	Pn	08 25 24.5 -0.6	
PS08	Tatalina	2.34	287	P	Pn	08 25 24.2 -0.5	
TT01	TAPS Pump St10	2.34	80	P	Pn	08 25 26.1 +0.5	
PS10				S	Pn	08 25 54.2 -0.7	
PS10				S	Pn	08 25 25.4 -1.2	
IL1	Eielson Array	2.43	45	P	Pn	08 25 25.6 -1.0	
ILAR	Eielson Array	2.43	45	P	Pn	08 25 25.6 -1.0	
ILAR				S	Pn	08 25 54.3 -2.5	
ILAR				S	Pn	08 25 26.9 -0.4	
PAX	Paxson	2.48	91	P	Pn	08 25 27.5 -0.9	
PAX				P	Pn	08 25 49.0 -0.3	
PWL	Port Wells	2.57	151	P	Pn	08 25 30.0 +0.2	
SLKM	Skilak Lake	2.67	199	P	Pn	08 25 30.3 0.0	
DFR	Drift River	2.72	110	P	Pn	08 25 31.2 +0.6	
PS11	TAPS Pump St11	2.72	110	P	Pn	08 25 30.3 0.0	
NSCT	North Crescent	2.74	201	P	Pn	08 25 31.2 +0.6	
HARP	HAARP	2.74	102	P	Pn	08 25 30.2 -0.4	
RDN	Redoubt North	2.76	100	P	Pn	08 25 31.0 -0.4	
RDN	Redoubt West	2.79	200	P	Pn	08 25 31.7 +0.3	
RWBW	Redoubt West	2.80	10	P	Pn	08 25 31.0 -0.3	
PS06	TAPS Pump Stn6	2.80	10	P	Pn	08 25 31.6 0.0	
RSD	Redoubt South	2.80	199	ePn	Pn	08 25 30.4 -1.5	
KLU	Klutina	2.84	123	P	Pn	08 25 30.4 -1.5	
KLU				eSn	Pn	08 25 47.7 -0.3	
GLI	Glacier Island	2.88	140	P	Pn	08 25 31.0 -1.3	
GLI				P	Pn	08 25 47.1 -1.4	
JKP	Jack Peak	2.90	134	P	Pn	08 25 31.2 -1.8	
VLZ	Valdez	2.93	131	P	Pn	08 25 33.5 -0.3	
SVW2	Sparrevohn	2.99	229	P	Pn	08 26 09.2 -0.3	
SVW2				eSn	Pn	08 25 34.4 -0.9	
SEW	Seward	3.10	166	ePn	Pn	08 25 35.0 -0.6	
SEW				eSn	Pn	08 25 49.0 -1.6	
IM04	Indian Mountai	3.13	338	ePn	Pn	08 25 34.0 -1.6	
DIV	Divide	3.13	127	ePn	Pn	08 25 34.0 -1.6	
DIV				eSn	Pn	08 26 10.5 -2.5	
FID	Port Fidalgo	3.17	137	P	Pn	08 25 34.6 -1.5	
ILIM	Ilimna	3.20	199	P	Pn	08 25 36.5 -0.1	
MENT	Mentasta	3.28	90	Pn	Pn	08 25 37.9 -0.7	
MENT				eSn	Pn	08 26 20.5 +4.1	
WASW	Wrangell South	3.34	108	P	Pn	08 25 37.9 -0.7	
BRLK	Bradley Lake	3.36	180	ePn	Pn	08 25 38.5 -0.2	
BRLK				eSn	Pn	08 25 17.1 -1.3	
HIN	Hinchinbrook I	3.44	141	P	Pn	08 25 40.2 -0.9	
EYAK	Cordova Ski Ar	3.55	134	P	Pn	08 25 40.2 -0.9	
OPT	Oil Point	3.65	199	P	Pn	08 25 43.0 +0.6	
BMRM	Bremner River	3.67	123	P	Pn	08 25 41.1 -1.7	
AUL	Augustine Lava	3.94	199	P	Pn	08 25 47.0 +0.7	
AUL	Augustine West	3.96	199	P	Pn	08 25 47.0 +0.6	
AUH	Augustine H	3.95	199	P	Pn	08 25 47.0 +0.8	
AUI	Augustine Isla	3.98	199	P	Pn	08 25 47.5 +0.7	
RAGM	Ragged Mountai	4.03	130	P	Pn	08 25 46.3 -1.3	
MCARA	McCarthy VSAT	4.08	112	P	Pn	08 25 47.7 -0.3	
COLD	Coldfoot	4.14	4	ePn	Pn	08 25 48.6 -0.3	
B3AD	Beaver Creek A	4.15	87	P	Pn	08 25 47.8 -1.3	
FYU	Fort Yukon	4.23	32	ePn	Pn	08 25 49.0 -0.5	
MID	Middleton Isla	4.31	147	ePn	Pn	08 25 51.2 +0.1	
CRQM	CrIQUE	4.37	119	P	Pn	08 25 51.0 -1.1	
PTPK	Patty Peak	4.41	112	P	Pn	08 25 52.0 -0.7	
TGL	Tana Glacier	4.49	118	P	Pn	08 25 52.3 -1.3	
BALM	Baldy	4.54	114	P	Pn	08 25 53.0 -1.3	
KIAG	Kiagna River	4.59	115	P	Pn	08 25 53.4 -1.6	
EGAK	Eagle	4.61	64	P	Pn	08 25 54.1 -1.0	
ISLE	Juniper Island	4.78	118	P	Pn	08 25 55.8 -1.7	
BARN	Barnard Glacie	4.81	111	P	Pn	08 25 57.7 -0.3	
KAHC	Katmai Hardscr	4.91	206	P	Pn	08 25 60.0 +0.7	
GRNC	Granite Creek	4.91	115	P	Pn	08 25 61.8 -1.3	
BAGL	Bagley Icefiel	4.94	118	P	Pn	08 25 58.3 -1.2	
KAHG	Katmai Hook Gl	4.97	203	P	Pn	08 25 59.8 -0.2	
CTGM	Chitina Glacie	5.00	111	P	Pn	08 25 59.6 -0.9	
BM3	Burnt Mountain	5.07	29	P	Pn	08 26 00.6 -0.6	
YAH	Yarns	5.16	118	P	Pn	08 26 01.4 -1.2	
LOGN	Logan Glacier	5.23	119	P	Pn	08 26 02.7 -0.8	
DAWY	Dawson	5.23	74	ePn	Pn	08 26 02.4 -1.0	
KAKN	Katmai Knife C	5.25	205	P	Pn	08 26 04.0 +0.3	
TABL	Table Mountain	5.36	116	P	Pn	08 26 03.8 -1.5	
KDAK	Kodiak Island	5.42	190	P	Pn	08 26 03.2 -2.7	
KDAK				S	Pn	08 27 01.2 -5.9	
KDAK				S	Pn	08 26 03.7 -2.2	
KDAK				eSn	Pn	08 27 03.2 -3.9	
CHX	Chaix Hills	5.59	119	P	Pn	08 26 07.5 -0.6	
PCA	Pinnacle	5.92	116	P	Pn	08 26 12.1 -0.6	
OHAK	Old Harbor	6.03	192	ePn	Pn	08 26 12.4 -1.7	
OHAK				eSn	Pn	08 27 17.1 -4.8	
OHAK				P	Pn	08 26 19.9 -0.8	
PNL	Peninsula	6.52	117	P	Pn	08 26 30.5 -1.5	
DHAK	Deception Hill	7.35	118	P	Pn	08 26 38.0 +0.5	
TNA	Tin City	7.78	296	ePn	Pn	08 26 44.1 -1.1	
SKAG	Skagway	8.34	109	ePn	Pn	08 26 44.1 -1.1	
SKAG				P	Pn	08 26 50.6 -1.1	
INUK	Inuvik	8.83	46	P	Pn	08 26 50.4 -1.4	
INUK				P	Pn	08 26 50.4 -1.4	
DLBC	Dease Lake	11.21	105	P	Pn	08 27 23.2 -0.4	

UNV	Unalaksla Valle	12.33	228	ePn	Pn	08 27 39.0 +0.8
YKA	Yellowknife Ar	16.47	76	P	Pn	08 28 29.9 -0.5
PGC	Sidne	20.90	121	eP	P	08 29 20.2 +1.1
A04D	Lummi Island	21.14	120	P	P	08 29 23.7 +2.1
RES	Resolute Bay	22.15	36	P	P	08 29 32.2 +0.2
RES	Resolute Bay	22.15	36	eP	P	08 29 32.2 +0.2
NEW	Newport	23.78	113	P	P	08 29 48.7 +1.0
NEW	Newport	23.78	113	P	P	08 29 48.2 +0.5
G05D	McMinnville, O	23.84	126	P	P	08 29 48.7 +0.5
G05D	Wamin, OR	24.54	123	P	P	08 29 55.7 +1.1
SEY	Seymchan	25.02	295	P	P	08 29 58.4 -0.3
I03D	Drain, OR	25.11	128	P	P	08 30 01.0 +1.3
I05D	Terrebonne, OR	25.30	124	P	P	08 30 02.4 +0.9
J05D	Fort Rock, OR	26.24	125	P	P	08 30 10.3 +0.2
MSO	Missoula	26.24	111	P	P	08 30 10.1 0.0
EGMT	Eagleton	27.13	104	P	P	08 30 18.7 +0.7
N02D	Trinity Center	27.73	130	P	P	08 30 25.2 +1.9
BOZ	Bozeman (W)	28.16	110	P	P	08 30 28.1 +0.8
MFID	Camas Ranch	28.23	118	eP	P	08 30 28.0 +0.2
O03D	Paynes Creek	28.65	129	P	P	08 30 32.5 +1.0
HLID	Hailey	28.68	116	P	P	08 30 32.6 +0.8
HLID	Hailey	28.68	116	eP	P	08 30 31.3 -0.6
RLMT	Red Lodge	29.59	108	P	P	08 30 41.5 +1.5
IMW	Indian Meadow	29.86	111	eP	P	08 30 45.0 +1.6
H19A	Powell	30.07	108	P	P	08 30 45.2 +1.1
C25A	Freed Ranch, W	30.26	98	P	P	08 30 45.6 -0.1
I19A	Meeteetse	30.57	109	P	P	08 30 49.8 +1.1
H20A	Greybull	30.65	107	P	P	08 30 50.2 +1.1
B27A	Peters Farms,	30.65	95	P</		

24d 8h

W34A	Bridge Creek	42.71 105	P	P	08 32 31.8 +0.7
U37A	Salina	42.90 101	P	P	08 32 32.4 -0.2
X33A	Lawton	42.98 106	P	P	08 32 32.8 -0.5
TUL1	Tulsa	43.02 103	P	P	08 32 33.2 -0.3
Y32A	R-V Farms, Ver	43.02 108	P	P	08 32 33.7 0.0
V36A	Jenks	43.05 103	P	P	08 32 33.3 -0.6
129A	Stewart Farms,	43.16 111	P	P	08 32 35.2 +0.4
W35A	Tecumseh	43.17 104	P	P	08 32 34.7 -0.2
U38A	Gravette	43.20 101	P	P	08 32 34.0 -1.1
V37A	Hulbert	43.33 102	P	P	08 32 35.6 -0.4
W36A	Wetumka	43.47 104	P	P	08 32 36.9 -0.3
Z32A	Haskell	43.60 108	P	P	08 32 38.1 -0.2
V38A	Canehill	43.67 101	P	P	08 32 38.2 -0.6
131A	Roby	43.75 110	P	P	08 32 39.6 0.0
X35A	Drake	43.76 105	P	P	08 32 39.7 +0.1
W37A	Quinton	43.83 103	P	P	08 32 40.1 +0.1
X36A	Centrahoma	43.89 104	P	P	08 32 40.5 -0.1
Z33A	Whitaker Ranch	43.93 108	P	P	08 32 40.2 -0.7
230A	Sterling City	44.12 111	P	P	08 32 42.7 +0.2
W38A	Poteau	44.28 102	P	P	08 32 43.3 -0.4
X37A	Clayton	44.31 103	P	P	08 32 43.3 -0.6
231A	Bronte	44.42 110	P	P	08 32 44.3 -0.6
133A	Hamilton Ranch	44.44 108	P	P	08 32 44.5 -0.6
X38A	Whitesboro	44.48 103	P	P	08 32 45.1 -0.2
330A	Mertzton	44.51 111	P	P	08 32 45.3 -0.3
Z35A	Perchaven, San	44.55 106	P	P	08 32 46.5 +0.7
Y37A	Hugo	44.72 104	P	P	08 32 47.4 +0.3
232A	Coleman	44.75 110	P	P	08 32 47.8 +0.3
429A	Davenport Ranc	44.89 113	P	P	08 32 49.2 +0.6
233A	Rising Star	44.95 109	P	P	08 32 49.4 +0.3
430A	Baggett Ranch,	45.02 112	P	P	08 32 49.9 +0.2
332A	Millersview	45.14 110	P	P	08 32 51.0 +0.5
MIAR	Mount Ida	45.15 101	P	P	08 32 50.6 +0.1
529A	Stev Forest Ra	45.19 113	P	P	08 32 51.4 +0.4
TXAR	Lajitas Array	45.28 116	P	P	08 32 53.2 +1.4
234A	Clairette	45.30 108	P	P	08 32 51.6 -0.2
431A	Sonora	45.38 111	P	P	08 32 53.2 +0.7
Y39A	Lockesbor	45.43 102	P	P	08 32 53.3 +0.5
333A	Richland Sprin	45.52 109	P	P	08 32 54.1 +0.6
530A	J-C Ranch, Com	45.54 113	P	P	08 32 54.4 +0.6
137A	Heron Place, G	45.83 105	P	P	08 32 55.2 -0.7
334A	Lometa	45.83 108	P	P	08 32 55.6 -0.4
531A	Rocksprings	45.85 112	P	P	08 32 55.9 -0.4
JCT	Junction City	45.90 111	P	P	08 32 57.0 +0.5
433A	Art	45.96 110	P	P	08 32 57.3 +0.2
532A	Rocksprings	46.16 111	P	P	08 32 58.6 0.0
335A	Moody	46.22 108	P	P	08 32 58.5 -0.5
434A	Burnet	46.26 109	P	P	08 32 58.9 -0.5
139A	Bunkhouse Ranc	46.36 104	P	P	08 32 58.5 -1.6
631A	Perdido Creek	46.50 112	P	P	08 33 01.4 +0.2
533A	Kerrville	46.58 110	P	P	08 33 02.0 +0.1
238A	Jacksonville	46.61 105	P	P	08 33 02.0 0.0
632A	Uvalde	46.75 111	P	P	08 33 03.2 +0.1
534A	Blanco	46.85 110	P	P	08 33 04.0 0.0
633A	Stathoff Ranch	47.05 111	P	P	08 33 06.2 +0.7
ARCES	ARCCESS Array B	47.61 2	P	P	08 33 08.0 -1.3
733A	Divot King Ran	47.65 111	P	P	08 33 10.3 +0.2
340A	Bronson	47.66 104	P	P	08 33 10.4 +0.2
832A	Faith Ranch, C	47.74 112	P	P	08 33 11.5 +0.6
834A	Tilden	48.48 111	P	P	08 33 18.1 +1.6
933A	Laredo	48.62 112	P	P	08 33 18.9 +1.3
KSRS	Korea Array	53.49 282	P	P	08 33 54.5 +0.6
KSAR	Wonju Array Be	53.52 282	P	P	08 33 54.5 +0.4
SOMN	Songino Array	53.76 305	P	P	08 33 57.0 +0.1
ZALV	Zalesovo Beam	55.45 324	P	P	08 34 07.4 -0.3
FINES	FINESS Array B	55.74 2	P	P	08 34 09.4 -0.3
ARU	Art	58.62 341	P	P	08 34 29.7 -0.3
ARU	Art	58.62 341	P	P	08 34 29.8 -0.2
BVAR	Borovoye Array	59.77 333	P	P	08 34 37.5 -0.5
MKAR	Makanchi Array	62.61 322	P	P	08 34 56.3 -1.0
AKTO	Aktuyusk	64.51 340	P	P	08 35 09.1 -0.6
ABKAR	Abkular array	65.34 338	P	P	08 35 14.6 -0.4
AKASG	Main Array Be	66.53 360	P	P	08 35 21.9 -0.7

ISK 24 08:26:48.1, 39°30'N, 40°18'E, h20km, MD2.9
 CSEM 24 08:26:48.1±0.4, 39°34'N, 40°25'E, h8km, MD2.9, Error
 ellipse: s-maj=9.4km s-min=6.5km az=86.0
 ISCJB 24 08:26:48.0±0.6, 39°30'N, 03:40.15E±0.05, h0km, 10km,
 Error ellipse: s-maj=5.9km s-min=5.3km az=170.8
 DDA 24 08:26:50.1, 39°32'N, 40°11'E, h7km, MD2.7
 ISC 24 08:26:48.5, 39°35'N, 03:40.19E±0.03, h7km, 11km,
 n13, c03122, Turkey

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
ERZN	Erzincan	0.43 304	Op	ISC	08 26 58.0 -0.5	
BINT	Bingöl	0.52 133	Op	Pb	08 27 04.8 -0.5	
ERZN	Bingöl	0.52 133	Op	Sb	08 26 58.4 -0.2	
KOPT	Kop Dagı	0.71 20	Op	Pb	08 27 03.9 +0.5	
KOPT	Kop Dagı	0.71 20	Op	Pb	08 27 16.2 -0.5	
PTK	Pertek	0.77 234	Op	Pg	08 27 03.2 0.0	
PTK	Pertek	0.77 234	Op	Pg	08 27 13.4 +0.2	
PTK	Pertek	0.77 234	Op	Pg	08 27 03.2 0.0	

2010 AUG

PTH	BINGOL	0.85 117	Op	ISC	08 27 13.4 +0.2	
BNGL	BINGOL	0.85 117	Op	ISC	08 27 06.8 -0.2	
BNGL	BINGOL	0.85 117	Op	ISC	08 27 20.2 +0.4	
BAYT	Ayd-ntepe-Bay	1.05 358	Op	Pg	08 27 08.7 +0.1	
BAYT	Ayd-ntepe-Bay	1.05 358	Op	Pg	08 27 08.7 +0.1	
KELT	Kelkit	1.07 318	Op	Pb	08 27 10.2 +0.1	
KELT	Kelkit	1.07 318	Op	Pb	08 27 25.4 -0.1	
KELT	Kelkit	1.07 318	Op	Pb	08 27 10.3 +0.1	
ELZG	Elazig	1.26 228	Op	Pb	08 27 25.4 -0.1	
ELZG	Elazig	1.26 228	Op	Pb	08 27 12.8 +0.1	
ELZG	Elazig	1.26 228	Op	Pb	08 27 30.5 +0.4	
ELZG	Elazig	1.26 228	Op	Pb	08 27 30.5 +0.4	

KRSC 24 08:30:16.8±0.5, 54°20'N, 161°53'E, h53km, gkm, ML3.5,
 Near east coast of Kamchatka Peninsula

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
MKZ	Mys Kozlova	0.38 18	Op	ISC	08 30 28.0 +1.2	
MKZ	Mys Kozlova	0.38 18	Op	ISC	08 30 35.0 +0.9	
KZV	Kizimen	1.17 322	Op	Pb	08 30 38.1 +1.1	
KZV	Kizimen	1.17 322	Op	Pb	08 30 52.9 +0.9	
TUMR	Tumrok	1.35 324	Op	Pb	08 30 41.0 +1.6	
SPN	Mys Shipunski	1.42 220	Op	Pb	08 30 11.9 +1.3	
SPN	Mys Shipunski	1.42 220	Op	Pb	08 30 58.7 +0.9	
NLC	Nalytchevo	1.66 333	Op	Pb	08 30 45.2 +1.8	
NLC	Nalytchevo	1.66 333	Op	Pb	08 31 05.4 +1.8	
KMINR	Kamenistaya	1.73 335	Op	Pb	08 30 47.4 +2.8	
KMINR	Kamenistaya	1.73 335	Op	Pb	08 31 09.1 +3.5	
SDLR	Sedlovina	1.82 241	Op	Pb	08 30 47.9 +1.9	
SDLR	Sedlovina	1.82 241	Op	Pb	08 31 10.7 +2.8	
KRER	Koryakskii	1.88 243	Op	Pb	08 30 49.2 +2.5	
KRER	Koryakskii	1.88 243	Op	Pb	08 31 12.1 +2.6	
UGLR	Uglovaya	1.99 239	Op	Pb	08 30 49.1 +2.3	
AVH	Avacha	1.91 242	Op	Pb	08 30 50.0 +3.1	
KRX	Arik	1.91 245	Op	Pb	08 30 49.0 +2.0	
KRX	Arik	1.91 245	Op	Pb	08 31 11.9 +1.9	
KOK	Koryaka	2.14 243	Op	Pb	08 30 49.9 +2.4	
PET	Petrovsk	2.08 237	Op	Pb	08 30 51.5 +2.3	
PET	Petrovsk	2.08 237	Op	Pb	08 31 12.4 +2.5	
KBTR	Krutoberegovo	2.14 20	Op	Pb	08 30 52.0 +1.9	
KBTR	Krutoberegovo	2.14 20	Op	Pb	08 31 19.4 +3.9	
GNL	Ganalı	2.18 258	Op	Pb	08 30 52.9 +2.2	
SRDR	Sredniny	2.36 335	Op	Pb	08 30 55.1 +1.9	
ESO	Esso	2.38 318	Op	Pb	08 30 54.9 +1.6	
RUS	Russkaya	2.53 227	Op	Pb	08 30 57.7 +2.3	
BKI	Bering	2.77 67	Op	Pb	08 31 33.5 +2.8	
ASAK	Asacha	2.84 232	Op	Pb	08 31 03.5 +3.8	

IDC 24 08:30:47.1±3.6, 5°37'S, 153°05'E, h0km, mb3.4/2,
 mb1 3.7/2, mb1mx3.3/3.4, mb1tmp3.4/2, Error ellipse:
 s-maj=170.7km s-min=46.4km az=123.0, New Ireland
 region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
WRA	Warramunga Arr	23.26 230	Op	ISC	08 35 56.6 +0.2	
ASAR	Alma Springs	29.90 224	Op	P	08 36 20.6 -0.4	
TORD	Tordi Arr. Bea	150.72 287	Op	PKPbc	08 50 42.3 -0.1	
TORD	Tordi Arr. Bea	150.72 287	Op	PKPbc	08 50 42.3 -0.1	

BUJ 24 08:34:16.8, 36°61'N, 71°12'E, h216km, mb5.2/60, mB4.8/30
 ISCJB 24 08:34:18.2±0.2, 36°55'N, 01:01:71.28E±0.01, h225km, 2km,
 mb5.0/246, Error ellipse: s-maj=2.2km s-min=1.8km
 az=28.5

MOS 24 08:34:18.2±0.8, 36°52'N, 71°29'E, h226km, mb4.9/66, Error
 ellipse: s-maj=5.3km s-min=3.6km az=113.0,
 GCMT 24 08:34:19.6±0.5, 36°65'N, 71°23'E, h234km, 4km, MW5.0/63,
 Moment Tensor Solution. t21, c21; s63, c83; Duration:
 0 Moment tensor: Scale 10¹⁶N; M₀0.9±.25;
 M₀0.20±.29; M₀0.11±.30; M₀0.03±.22; M₀0.18±.24;
 M₀3.90±.20; Best double couple: M4.42500/1016
 N110±0.00000°; S83.00000°; W160.000°; N120.000°;
 P 0.255 00000°; S 0.255 00000°; N 1.163 00000°. Principal axes:
 T 4.2750, P1g47.0000°, Azm245.0000°; N 0.3000,
 P1g24.0000°, Azm4.0000°; P -4.5750, P1g33.0000°,
 Azm111.0000°; nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s.

NEIC 24 08:34:19.6±0.5, 36°51'N, 71°25'E, h226km, 5km, mb5.0/102
 Error ellipse: s-maj=4.2km s-min=3.0km az=198.0
 NEIC Felt in northern Pakistan and at Srinagar, India.

IDC 24 08:34:20.6±0.4, 36°48'N, 71°23'E, h240km, mb4.5/32,
 mb1 4.0/35, mb1mx4.5/38, mb1tmp5.1/35, Error ellipse:
 s-maj=9.2km s-min=5.9km az=6.0
 N110±0.00000°; S83.00000°; W160.000°; N120.000°;
 P 0.255 00000°; S 0.255 00000°; N 1.163 00000°. Principal axes:
 T 4.2750, P1g47.0000°, Azm245.0000°; N 0.3000,
 P1g24.0000°, Azm4.0000°; P -4.5750, P1g33.0000°,
 Azm111.0000°; nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s.

SZGRF 24 08:34:22.0±0.1, 36°31'N, 71°30'E, h230km, mb5.4,
 Afghanistan-Tajikistan border region
 NNC 24 08:34:22.0±0.1, 36°33'N, 71°14'E, h221km, 8km, mb4.4,
 mbp5.7, Error ellipse: s-maj=11.6km s-min=5.7km
 az=160.0

ISC 24 08:34:20.2±0.2, 36°55'N, 03:40.15E±0.03, h234km, 2km,
 h233km, pP-P, n24, c13/39/99, mb5.0/255, 73C-45D,
 Afghanistan-Tajikistan border region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
KBL	Kabul	2.69 223	Op	ISC	08 35 07.5 -1.1	
KBL	Kabul	2.69 223	Op	ISC	08 35 43.1 -3.4	

Table with columns: GUN, Gumba, 15.07 121 eP, P, 08 37 41.0 -1.1, etc. Includes entries like KURK Kurchatov, AB31 Akbulak array, AB31 Akbulak array, etc.

Table with columns: TBLG, Delisi, 21.16 292 P, S, 08 38 49.2 +1.8, etc. Includes entries like TBLG Challavanipeta, ARU Arti, ZEI Tsey, etc.

Table with columns: CD2, Chengdu, 27.54 92 e, P, 08 40 33.0, etc. Includes entries like CD2 Chengdu, KAMA Osmaniye, PINB Pinarbasi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BOSZ, Boshof, Bremner River, Kodiak Island, etc.

IDC 24 08:38:59.9-4.0, 5.25S:150.98E, h0km, mb3.0/2, mb1 3.3/2, mb1mx3.2/20, mbtmp3.1/2, Error ellipse: s-maj=153.7km s-min=52.3km az=116.0, New Britain regio

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA, ASAR, TOR, etc.

IDC 24 08:43:54.6-8.1, 8.17N:108.75W, h0km, mb3.4/2, mb1 3.9/3, mb1mx3.7/19, mbtmp3.4/3, ML3.3/1, MS3.6/1, Ms1 3.6/1, ms1mx2.9/14, Error ellipse: s-maj=155.4km s-min=27.5km az=144.0, Revilla Gigeo Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H06E1, H06E1, H06S1, etc.

IDC 24 08:52:05.6-0.5, 0.25N:0.04:18.65E:0.03, h0km, Error ellipse: s-maj=5.6km s-min=2.6km az=179.4, IPEC 24 08:52:06.9-0.2, 0.20N:18.72E, h2km, 1km, ML1.7/3, Error ellipse: s-maj=2.4km s-min=0.8km az=166.0, CSEM 24 08:52:06.5-0.3, 0.30N:18.67E, h2km, ML2.6/7, Error ellipse: s-maj=6.4km s-min=3.0km az=5.0, PRU 24 08:52:07.2, 0.20N:18.67E, h0km, az=74.4, 2C, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MORC, KRCL, Kraliky, NIE, etc.

ISC/JB 24 09:00:10.9-0.3, 2.96S:101.93E-0.05, h100km, mb4.2/24, Error ellipse: s-maj=8.9km s-min=3.2km az=135.1

AUST 24 09:00:10.7-1.5, 3.37S:101.65E, h89km, Error ellipse: s-maj=2.8km s-min=0.7km az=238.0

DJA 24 09:00:13.9-0.2, 3.3S:101.2E, h95km, 4km, MS, 0/30, mb5.0/12, mb5.7/5, ML4.8/30, Mw(MB)5.2/5

IDC 24 09:00:13.4-0.7, 2.91S:102.05E, h12km, 6km, mb3.9/21, mb1 4.0/23, mb1mx3.8/68, mbtmp4.3/23, MS3.4/1, Ms1 3.4/1, ms1mx2.2, 99, Error ellipse: s-maj=17.7km s-min=9.2km az=57.0

NEIC 24 09:00:13.4-0.7, 2.93S:102.03E, h12km, 6km, mb4.6/4, Error ellipse: s-maj=14.1km s-min=6.2km az=56.0

NEIC Feil [III] at Bengkulu, ISC 24 09:00:12.5-0.4, 2.93S:101.98E-0.05, h100km, n95, n139/96, mb4.2/24, 1C, Southern Sumatera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MASI, MASI, MNI, etc.

IDC 24 09:01:01.7-2.6, 53.55N:87.63E, h0km, mb1 3.3/2, mb1mx3.0/72, mbtmp3.3/2, ML2.9/2, Error ellipse: s-maj=22.4km s-min=14.7km az=67.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ZALV, ZALV, I46RU, etc.

ISC/JB 24 09:04:25.6-1.7, 52.59N:0.09:169.5W:0.1, h7km, 11km, mb3.8/8, Error ellipse: s-maj=19.2km s-min=6.5km az=140.5

IDC 24 09:04:25.1-1.1, 53.00N:169.85W, h0km, mb3.8/6, mb1 4.1/7, mb1mx3.6/74, mbtmp3.8/74, ML3.4/1, Error ellipse: s-maj=48.8km s-min=20.9km az=145.0, NEIC 24 09:04:27.3, 52.63N:169.40W, h5km, mb4.2/2, ML3.5(AE/C), After AEC

ISC 24 09:04:27.2-2.0, 52.62N:0.169:40W:0.08, h6km, 12km, n36, n102/39, mb3.9/8, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NGJI, JAGI, KAPI, etc.

IDC 24 09:04:27.2-2.0, 52.62N:0.169:40W:0.08, h6km, 12km, n36, n102/39, mb3.9/8, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GUN, KKN, GKN, etc.

IDC 24 09:04:27.2-2.0, 52.62N:0.169:40W:0.08, h6km, 12km, n36, n102/39, mb3.9/8, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ZALV, ZALV, I46RU, etc.

ISC/JB 24 09:04:25.6-1.7, 52.59N:0.09:169.5W:0.1, h7km, 11km, mb3.8/8, Error ellipse: s-maj=19.2km s-min=6.5km az=140.5

IDC 24 09:04:25.1-1.1, 53.00N:169.85W, h0km, mb3.8/6, mb1 4.1/7, mb1mx3.6/74, mbtmp3.8/74, ML3.4/1, Error ellipse: s-maj=48.8km s-min=20.9km az=145.0, NEIC 24 09:04:27.3, 52.63N:169.40W, h5km, mb4.2/2, ML3.5(AE/C), After AEC

ISC 24 09:04:27.2-2.0, 52.62N:0.169:40W:0.08, h6km, 12km, n36, n102/39, mb3.9/8, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NIKH, NIKH, OKSO, etc.

IDC 24 09:04:27.2-2.0, 52.62N:0.169:40W:0.08, h6km, 12km, n36, n102/39, mb3.9/8, Fox Islands

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like KSCWO, KSRS, KSAR, KSBON, TJN, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like KURK, KURBB, KURBB, LSA, LSA, LSA, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like LUWI, LUWU, SANI, SANI, APCI, APCI, KOLN, KOLN, etc.

24d 13h

2010 AUG

1290

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like DUG, WJ2A, and various local frequencies.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like KSRS, WJ2A, and various local frequencies.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like S37A, V35A, and various local frequencies.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AKTO, OBN, AKASG, CMAR, LUWI, KAPI, ESDC, WRA, ASAR, STKA, KMBO, QSPA, TSUM, LBTB, MAW.

JMA 24 14:00:54.9, 23.91N, 121.68E, h34km, 1km, M2.7
TAP 24 14:00:55.8, 23.95N, 121.67E, h38km, ML3.4, B
ISCJB 24 14:00:56.1, 0.2, 23.94N, 0.02, 121.74E, 0.02, h36km, 5km,
Error ellipse: s-maj=3.3km s-min=2.3km az=149.4

Main table for 1291 with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HWA, TWD, ESF, ESL, TEGC, WHF, ENA, WDT, EHY, TWT, NNS, TWC, TWF1, ENTT, SMLT, TWE, TYC, NSK, CHKT, EGS, ALS, WNT, WNT, NSTT, TWC1, TCU, NSY, ELDTW, CHN5, TWA, WNK, WNK, NCU, NWF, STYT, CHN4, TWS1.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WTP, JYNG, JCHY, TWG, YOJ, WTCT, WTC1, CHN1, CHN1, TWY, SGST, WSF, WSD, SSD, TWMT, PCYT, EAST, SCZT, IRIF, LAY, HATJ, PNG, PNG, JKRS, JJJ, JJJ, JISG, JJJ, JJJ, OZH, OZH, OZH, JIRB.

ISCJB 24 14:08:43.6, 0.9, 75.76N, 0.06, 7.7E, 0.2, h10km, Error
ellipse: s-maj=8.2km s-min=7.2km az=151.9
CSEM 24 14:08:49.3, 0.9, 75.82N, 8.37E, h10km, ML3.4, Error
ellipse: s-maj=19.0km s-min=10.1km az=71.0
BER 24 14:08:50.6, 3.6, 75.82N, 8.00E, h10km, MD2.2, ML2.5,
ML3.4(NAO)

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HSPB, SPA0, SPA0, SPA0, SPA0, BJO, BJO, BJO, BJO, KBS, KBS, KBS, KBS, HOPEN, HOPEN, HOPEN, HOPEN, HOPEN, HOPEN, HOPEN, DAG, DAG, ARAO, ARAO, ARAO, ARAO, ARAO, SCO.

IDC 24 14:25:04.2, 1.8, 1.57N, 124.43E, h0km, mb3.5/3,
mb1 3.7/4, mb1mx3.4/3, mbtmp3.5/4, ML3.4/1, Error
ellipse: s-maj=142.1km s-min=23.0km az=66.0,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FITZ, WRA, ASAR, MKAR, FITZ, WRA, ASAR, MKAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like az=64.0, JMA, JMA, Honshu, Code, Station Name, Az, Az', Phase ID, Time, Res.

TAP 24 14:42:29.6, 24.56N, 121.80E, h6km, 2km, ML1.3, C,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TWC, TWC, ENA, ENA, TWE, TWE, ENTT, ENTT, NNS, NNS, NSK, NSK, WHF, WHF.

MAN 24 14:43:51, 14.13N, 123.72E, h65km, mb5.2, ML4.1, MS4.3
MAN INTENSITY II - LEGASPI CITY,
ISCJB 24 14:43:52.4, 0.4, 14.1, 10N, 0.02, 123.70E, 0.04, h70km, 3km,
mb4.2/28, Error ellipse: s-maj=6.1km s-min=3.5km
az=153.6

IDC 24 14:43:53.0, 0.6, 13.89N, 123.66E, h68km, 5km, mb3.8/19,
mb1 4.0/22, mb1mx3.9/39, mbtmp4.1/22, MS3.3/13,
Ms1 3.3/13, ms1mx3.1/39, Error ellipse: s-maj=11.0km
s-min=8.9km az=62.0
NEIC 24 14:43:53.0, 0.3, 13.94N, 123.73E, mb4.6/8, Error ellipse:
s-maj=8.6km s-min=5.9km az=76.0
NEIC FEI (II PIVS) at Legaspi,
DJA 24 14:44:55.7, 5.6, 10.1N, 147.12E, 2.0, h261km, 17km,
mb1 1.1/10, mb4.4/10, mb4.8/10, mb4.8/10, mb4.8/10

Main table for 24d 14h with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PVCP, PVCP, GUP, GUP, GOP, GOP, AUQP, AUQP, CNP, CNP, BALP, BALP, RCP, RCP, TGy, TGy, TGy, TGy, PCPH, PCPH, SJPB, SJPB, PLP, PLP, PALP, PALP, LUPB, LUPB, CAUP, CAUP, BCPH, BCPH, BCPH, BCPH, BUSP, BUSP, CVP, CVP, CVP, CVP, BOLP, BOLP, APYP, APYP, ABRA, ABRA, ENPP, ENPP, PIP, PIP, TPUB, TPUB, JOW, JOW, MRSI, MRSI, MPSI, MPSI, DLV, DLV, APSI, APSI, LUWI, LUWI, LUWI, LUWI, PCI, PCI, SANI, SANI, SIJI, SIJI, SIJI.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, ILAR Eielson Array, BVAR Borovoye Array, etc.

ISK 24 15:46:53.9, 37.15N-28.16E, h7km, MD2.6
CSEM 24 15:46:54.0, 2.0, 37.21N-28.18E, h2km, MD2.6, Error ellipse: s-maj=4.6km s-min=3.2km az=45.0

DDA 24 15:46:54.3, 37.25N-28.16E, h7km, MD2.5
ISC 24 15:46:54.2, 1.0, 37.21N-0.03-28.17E, 0.03, h7km, 9km, n20, c089/35, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YER Yerkesik, TUR Turunc, AYDYN Tasuluk, etc.

IDC 24 15:47:29.7, 2.0, 13.78N-92.43W, h0km, mb3.5/4, mb1.3/6.8, mb1mx3.5/35, mbtmp3.3/8, ML3.0/4, MS4.0/1, Ms1.4/0.1, ms1mx2.7/27, Error ellipse: s-maj=4.5, 4.4km s-min=26.1km az=33.0

ISCJB 24 15:47:32.2, 1.1, 13.74N-0.09-92.34W, 0.10, h46km, mb3.6/4, MS4.1/1, Error ellipse: s-maj=16.3km s-min=8.5km az=140.6

MEX 24 15:47:35.4, 0.4, 13.79N-92.39W, h6km, mb3.122km, MD3.9
ISC 24 15:47:35.9, 1.2, 13.93N-0.1-92.37W, 0.09, h46km, n12, c180Z, mb3.5/4, Off coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HUALAEO, PCIG Comitan, CMIG Matias Romero, etc.

ISCJB 24 15:49:15.2, 0.9, 33.48N-0.04-140.90E, 0.08, h63km, 9km, mb3.5/2, Error ellipse: s-maj=11.2km s-min=6.5km az=7.1

JMA 24 15:49:15.8, 0.1, 33.54N-140.90E, h50km, N12.5
IDC 24 15:49:20.4, 2.3, 33.33N-140.24E, h77km, 6km, mb3.1/2, mb1.3/3.3, mb1mx2.9/40, mbtmp3.9/3, Error ellipse: s-maj=57.5km s-min=11.1km az=78.0

ISC 24 15:49:15.9, 1.6, 33.46N-0.06-140.92E, 0.10, h48km, 19km, n13, c094/23, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MJHU Mitsune, HJH Hachioji jima 2, etc.

NNC 24 16:03:52.3, 3.4, 37.41N-71.14E, h0km, mb3.6, mpv3.3, SC-3D, Error ellipse: s-maj=29.4km s-min=11.0km az=170.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZET Dzhherino, DZET 47nm,0.5s, SFK Sufi-Kurgan, etc.

ISK 24 16:09:14.6, 40.23N-41.06E, h5km, MD2.9
ISCJB 24 16:09:15.7, 0.6, 40.20N-0.03-41.06E, 0.03, h2km, 6km, Error ellipse: s-maj=4.6km s-min=4.4km az=19.8

CSEM 24 16:09:15.6, 0.2, 40.20N-41.06E, h5km, MD2.9, Error ellipse: s-maj=4.6km s-min=2km az=19.0

DDA 24 16:09:15.6, 40.19N-41.06E, h7km, MD2.8
ISC 24 16:09:15.3, 1.0, 40.20N-0.02-41.05E, 0.02, h4km, 10km, n27, c0547/45, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EZM Erzurum, ERZM Erzurum, KOPT Kop Dag, etc.

GUC 24 16:17:04.7, 0.8, 34.18S-73.32W, h22km, 4km, ML3.7, SC-1D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like U65B Hualaeo, U73B San Pedro, U69B Peumo, etc.

DDA 24 16:21:44.9, 39.38N-36.73E, h7km, MD2.9
ISC 24 16:21:45.8, 39.38N-36.68E, h6km, MD2.9

CSEM 24 16:21:47.0, 0.4, 39.43N-36.71E, h12km, MD2.9, Error ellipse: s-maj=9.2km s-min=8.5km az=153.0

ISC 24 16:21:45.7, 1.1, 39.37N-0.03-36.71E, 0.02, h7km, 10km, n21, c081/37, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CUSAR Sarkisla-SIVAS, SVSK Karacayir, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SVSK CUKAN, SARI SarDiz-Kayseri, DARE Darende-Malaty, etc.

NEIC 24 16:23:38.3, 19.19N-67.30W, h10km, MD3.4 (RSPR), NEIC Felt [I] at San Juan, RSPR 24 16:23:38.3, 19.19N-67.30W, h10km, 31km, MD3.4/17, 18C-15D, Mona Passage

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AGPR Aguadilla, IDE Isla Desecho, AOPR Arecibo Observ, etc.

ISCJB 24 16:29:54.5, 0.2, 21.62N-0.03-143.16E, 0.06, h300km, 5km, mb4.3/5.5, Error ellipse: s-maj=8.5km s-min=4.6km az=178.4

BUI 24 16:29:54.1, 21.60N-143.20E, h302km, mb4.0/4, mb4.4/2
JMA 24 16:29:55.0, 0.2, 21.77N-143.53E, h304km, 2km, MS.1

IDC 24 16:29:55.9, 1.0, 21.59N-143.16E, h302km, 9km, mb4.1/33, mb1.4/38, mb1mx1.4/15.2, mbtmp4.7/38, Error ellipse: s-maj=10.7km s-min=5.6km az=86.0

NEIC 24 16:29:56.1, 0.7, 21.60N-143.15E, h305km, 6km, mb4.4/25, Error ellipse: s-maj=6.2km s-min=4.1km az=87.0

ISC 24 16:29:56.0, 0.6, 21.57N-0.04-143.18E, 0.03, h305km, 5km, n113, c1861/148, mb4.3/55, 2C, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JHHJ Haha-jima-NKT, CBJH Chichi jima, etc.

24d 17h

Table of station data for 24d 17h, including columns for station name, coordinates, and various parameters like SNR and time.

2010 AUG

Main table of station data for 2010 AUG, listing stations like ELK, BOZ, R11A, QLMT, etc., with their respective coordinates and parameters.

1294

Table of station data for 1294, including station names like mb1 3.7/6, mb1mx3/4/52, and various parameters.

Table with columns: Station Name, Port, Frequency, Power, and other technical details. Includes stations like LTK Loutraki, LAKA Lakka, KFL Annineta, etc.

Table with columns: Station Name, Port, Frequency, Power, and other technical details. Includes stations like SRS Serrai, SRS Serrai, SRS Serrai, etc.

Table with columns: Station Name, Port, Frequency, Power, and other technical details. Includes stations like KHC Kasperske Hory, KHC Kasperske Hory, KHC Kasperske Hory, etc.

IDC 24.19:14:06.0.7.5, 5.90S.-149.85E, h68km, 58km, mb3.4/3, mb1.3.74, mb1mx3.2/30, mbtm3.8/4, ML1.5/1, Error ellipse: s-maj=96.0km s-min=49.6km az=128.0, New Britain region

Table with columns: Code, Station Name, Port, Frequency, Power, and other technical details. Includes stations like PMG Port Moresby, PMG Port Moresby, WRA Warramunga Arr, etc.

TIF 24.19:19:35.4, 42.51N-43.56E, h7km, 1km CSEM 24.19:19:36.0.7, 42.61N-43.39E, h5km, MD2.8, Error ellipse: s-maj=23.9km s-min=10.3km az=161.0 DDA 24.19:19:38.5, 42.75N-42.14E, h7km, MD2.8 ISC 24.19:19:36.8.1.2, 42.61N-43.39E, 0.06, h8km, 8km, n12, 0.07/23, Western Caucasus

Table with columns: Code, Station Name, Port, Frequency, Power, and other technical details. Includes stations like ONI Oni, ONI Oni, CHVG Ch'k'valeri, etc.

ATH 24.19:20:31.9, 36.20N-21.86E, h36km, 4km, MD3.5/17 CSEM 24.19:20:32.1, 0.4, 36.23N-21.93E, h15km, ML3.3, Error ellipse: s-maj=9.9km s-min=5.1km az=46.0 ISCJB 24.19:20:33.2, 0.6, 36.24N-21.04E, 0.04, h27km, 5km, Error ellipse: s-maj=8.2km s-min=4.3km az=141.4 THE 24.19:20:34.8, 36.32N-22.13E, h16km, 1km, ML3.3/11, Error ellipse: s-maj=1.7km s-min=0.6km az=235.0 ISC 24.19:20:33.0, 0.1, 36.27N-20.41E, h20km, 4km, n80, 0.094/116, Southern Greece

Table with columns: Code, Station Name, Port, Frequency, Power, and other technical details. Includes stations like PVL PYLOS, PVL PYLOS, PVL PYLOS, etc.

Table with columns: ANKY, Antikythira Is, 1.16 110, P, Sb, 19 20 54.3 -0.1, etc.

Table with columns: JAMN, Amaminishikomi, 1.21 304, P, Pn, 20 39 54.5 -0.6, etc.

Table with columns: SGSI, Maasin, 3.64 21, S, S, 20 50 34.8 -2.5, etc.

IDC 24 20:10:40.8-0.5, 14.05N:120.80E, h236km, 5km, mb2.9/6, mb1 3.1/6, mb1mx2.9/44, mbtmp3.5/6, Error ellipse: s-maj=38.2km s-min=12.9km az=62.0

IDC 24 20:40:24.1±2.8, 5.59S:153.87E, h0km, mb3.3/2, mb1 3.7/3, mb1mx3.3/35, mbtmp3.5/3, ML1.4/1, Error ellipse: s-maj=121.3km s-min=42.1km az=131.0, New Ireland region

IDC 24 20:10:42.0-0.6, 14.09N:120.2E:0.1, h200km, mb3.1/5, Error ellipse: s-maj=19.5km s-min=7.6km az=4.3

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC, LUBP, Lubang, 4.00 195, eP, S, 20 11 11.0 +2.8, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC, PMG, Port Moresby, 7.65 240, P, Pn, 20 42 19.1 +2.2, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC, FAKI, Fak Fak, 12.92 137, iP, P, 20 50 54.0 +0.4, etc.

NIED 24 20:39:00.27, 60N:130.30E, h11km, Mw4.1, Most double couple: Mo:1.37000x10^15 NP1=26.00000°, δ41.00000°, λ-105.00000°, NP2=225.00000°, δ50.00000°, λ-77.00000°

AUST 24 20:46:05.7, 0.3, 6.765N:123.58E, h613km, Error ellipse: s-maj=0.8km s-min=0.5km az=43.0

SSLB, Nanganchiao, 17.46 354, eP, S, 20 51 47.9 -3.9

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC, JZK, Kikaisima, 0.80 338, P, Sb, 20 39 50.0 +0.8, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC, CTBH, Cotabato-PC H, 0.86 54, iP, P, 20 49 18.3 +0.7, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC, JAY, Jayapura, 19.43 118, P, P, 20 51 54.4 +0.5, etc.

24d 22h

Table with 4 columns: Station Name, Azimuth, Elevation, and other parameters. Includes stations like AGRB Hanur-Agry, MARD Mardin, MARD.

NEIC 24 21:13:29.2, 50.61N; 174.71E, h20km, mb3.9/2, ML3.9(AEIC), After AEIC.
ISCJB 24 21:13:30.3, 0.8, 50.77N; 0.08, 174.96E; 0.06, h29km, mb3.8/MS3.3, Error ellipse: s-maj=11.8km

IDC 24 21:13:30.5, 2.0, 51.32N; 175.03E, h0km, mb3.9/7, mb1 4.2/9, mb1mx3.7/50, mbtmp4.0/9, ML3.8/2, MS3.3/1, Ms1 3.3/1, ms1mx2.5/52, Error ellipse: s-maj=64.2km

ISC 24 21:13:32.5, 1.0, 50.99N; 0.1, 174.88E; 0.05, h29km, n29, r1539/36, mb3.9/8, South of Aleutian Islands

Table with 10 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists various stations like SMY Shemita, LSSA Little Sitkin, LSNW Little Sitkin, etc.

IDC 24 21:15:52.8, 5.1, 17.72S; 65.62E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.5/40, mbtmp3.7/4, MS3.5/8, Ms1 3.5/8, ms1mx3.2/40, Error ellipse: s-maj=142.4km

Table with 10 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, etc.

CASC 24 21:23:45.9, 1.8, 14.44N; 90.05W, h309km, 14km, MD3.6, ML3.7, 3C-3D, Guatemala

Table with 10 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like NBG Las Nubes, IXC Ixcap, RBDL Rotaleda, etc.

IDC 24 21:43:38.7, 2.1, 32.43N; 115.47W, h0km, mb3.7/1, mb1 3.8/5, mb1mx3.5/44, mbtmp3.4/5, ML3.7/3, MS3.0/3, Ms1 3.0/3, ms1mx2.6/42, Error ellipse: s-maj=43.3km

ISCJB 24 21:43:39.1, 1.0, 32.43N; 0.02, 115.38W; 0.02, h10km, 8km, mb3.6/1, MS3.0/2, Error ellipse: s-maj=3.6km s-min=3.2km

ECX 24 21:43:40.8, 0.6, 32.40N; 115.41W, h4km, MD4.0, ML4.2

NEIC 24 21:43:40.9, 32.40N; 115.41W, h8km, ML4.2(E)CX, ML4.2(P)AS. After ECX.

NEIC Felt [III] at Mexicali. Also felt at Primo Tapia, Felt [III] at El Centro and [II] at Brawley, Calexico, El Cajon, Imperial, and San Diego, California. Also felt at Escondido, Heber, La Jolla, La Quinta, Malibu, San Marcos and San Ysidro.

MEX 24 21:43:41.3, 0.3, 32.52N; 115.25W, h17km, 5km, MD4.2

ISC 24 21:43:39.6, 0.9, 32.38N; 0.02, 115.42W; 0.02, h9km, 6km, n47, r0584/68, 14C-6D, California-Baja California border region

Table with 10 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like NBG Las Nubes, IXC Ixcap, RBDL Rotaleda, etc.

2010 AUG

Table with 10 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like CPBX Cerro Prieto, CPBX Mexicali, SGL Mount Signal, etc.

Table with 10 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like ECXB Cerro Bola, ECXB Cerro Bola, ECXB Cerro Bola, etc.

Table with 10 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like ECXB Cerro Bola, ECXB Cerro Bola, ECXB Cerro Bola, etc.

Table with 10 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like ECXB Cerro Bola, ECXB Cerro Bola, ECXB Cerro Bola, etc.

Table with 10 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like ECXB Cerro Bola, ECXB Cerro Bola, ECXB Cerro Bola, etc.

Table with 10 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like ECXB Cerro Bola, ECXB Cerro Bola, ECXB Cerro Bola, etc.

Table with 10 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like ECXB Cerro Bola, ECXB Cerro Bola, ECXB Cerro Bola, etc.

Table with 10 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like ECXB Cerro Bola, ECXB Cerro Bola, ECXB Cerro Bola, etc.

Table with 10 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like ECXB Cerro Bola, ECXB Cerro Bola, ECXB Cerro Bola, etc.

Table with 10 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like ECXB Cerro Bola, ECXB Cerro Bola, ECXB Cerro Bola, etc.

Table with 10 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like ECXB Cerro Bola, ECXB Cerro Bola, ECXB Cerro Bola, etc.

Table with 10 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like ECXB Cerro Bola, ECXB Cerro Bola, ECXB Cerro Bola, etc.

Table with 10 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like ECXB Cerro Bola, ECXB Cerro Bola, ECXB Cerro Bola, etc.

Table with 10 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like ECXB Cerro Bola, ECXB Cerro Bola, ECXB Cerro Bola, etc.

Table with 10 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like ECXB Cerro Bola, ECXB Cerro Bola, ECXB Cerro Bola, etc.

1300

Table with 10 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like DIKM Dikmen, DIKM Dikmen, DIKM Dikmen, etc.

Table with 10 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like DIKM Dikmen, DIKM Dikmen, DIKM Dikmen, etc.

Table with 10 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like DIKM Dikmen, DIKM Dikmen, DIKM Dikmen, etc.

Table with 10 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like DIKM Dikmen, DIKM Dikmen, DIKM Dikmen, etc.

Table with 10 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like DIKM Dikmen, DIKM Dikmen, DIKM Dikmen, etc.

Table with 10 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like DIKM Dikmen, DIKM Dikmen, DIKM Dikmen, etc.

Table with 10 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like DIKM Dikmen, DIKM Dikmen, DIKM Dikmen, etc.

Table with 10 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like DIKM Dikmen, DIKM Dikmen, DIKM Dikmen, etc.

Table with 10 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like DIKM Dikmen, DIKM Dikmen, DIKM Dikmen, etc.

Table with 10 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like DIKM Dikmen, DIKM Dikmen, DIKM Dikmen, etc.

Table with 10 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like DIKM Dikmen, DIKM Dikmen, DIKM Dikmen, etc.

Table with 10 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like DIKM Dikmen, DIKM Dikmen, DIKM Dikmen, etc.

Table with 10 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like DIKM Dikmen, DIKM Dikmen, DIKM Dikmen, etc.

Table with 10 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like DIKM Dikmen, DIKM Dikmen, DIKM Dikmen, etc.

Table with 10 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like DIKM Dikmen, DIKM Dikmen, DIKM Dikmen, etc.

WEL Felt from Taupo to Marlborough, maximum reported intensity MM 6.

NEIC 24 22:17:36.9, 40:11'S; 174:90'E, h30km, mb4.7/2, ML5.1 (WEL), After WEL.

NEIC Felt [V] at Wanganui and Wanganui East and [IV] from New Plymouth to Palmerston North and Wellington.

ISC 24 22:17:36.1±1.0, 40.125±0.03; 174.86±0.03, h41km, gkm, n158, e080/114, mb4.6/6, MS3.5/8, 2C-1D, Cook Strait

Table with columns: Code, Station Name, Δ, Az, Phase ID, Time, Res, ISC. Lists various stations and their associated data points.

Table with columns: Code, Station Name, Δ, Az, Phase ID, Time, Res, ISC. Lists various stations and their associated data points.

Table with columns: Code, Station Name, Δ, Az, Phase ID, Time, Res, ISC. Lists various stations and their associated data points.

2.3nm, 0.7s, baz=96, slow=6.0, SNR=6.3

FINES FINES Array B 151.40 329 PKPbc PKPbc 22 37 24.4 0.0

TORD Torodi Ar. Bea 152.47 195 PKP PKPbc 22 37 20.4 -0.9

TORD Torodi Ar. Bea 152.47 195 PKP PKPbc 22 37 20.4 -0.9

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TORD Torodi Ar. Bea 152.47 195 PKP PKPbc 22 37 20.4 -0.9

TORD Torodi Ar. Bea 152.47 195 PKP PKPbc 22 37 20.4 -0.9

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include ROSA, PPNO, PICO, etc.

IDC 25 00:42:15.4, 1.6, 52.91N, 167.40W, h0km, mb3.8/7, mb1 4.0/8, mb1mx3.7/35, mbmtmp3.7/8, ML3.3/1, MS3.3/1, Ms1 3.3/1, ms1mx2.4/37, Error ellipse: s-maj=38.0km

NEIC 25 00:42:24.7, 53.12N, 166.62W, h26km, ML3.8(AEIC), After AEIC

ISC 25 00:42:24.1, 1.7, 53.16N, 166.68W, 0.05, h2km, 1.13km, n45, e077/39, mb3.9/7, Fox Islands

Main table for 1303 containing station data for Makushin, Unalaska, and various other stations with their respective coordinates and parameters.

NNC 25 00:43:01.2, 1.9, 36.52N, 70.59E, h144km, 24km, mb2.8, mpv3.7, 7C-4D, Error ellipse: s-maj=18.1km s-min=9.8km az=162.0, Hindu Kush region

Table for station data in the Hindu Kush region, including stations like DZET, SFK, MNAS, etc.

IDC 25 01:17:16.0, 3.4, 23.09S, 173.72W, h0km, mb4.3/3, mb1 4.4/4, mb1mx3.9/18, mbmtmp4.3/4, ML3.9/1, Error ellipse: s-maj=75.3km s-min=57.3km az=121.0, Tonga Islands region

Table for station data in the Tonga Islands region, including stations like URZ, CTZ, ASAR, etc.

IDC 25 01:44:55.4, 3.3, 30.14S, 138.49E, h0km, mb1 3.2/3, mb1mx3.1/17, mbmtmp2.9/3, ML2.7/3, Error ellipse: s-maj=80.8km s-min=16.1km az=45.0, South Australia

Table for station data in South Australia, including stations like STKA, KAVA, etc.

KRSC 25 01:56:08.7, 0.3, 55.13N, 160.34E, h-1km, 2km, ML3.8, Kamchatka Peninsula

Main table for 2010 AUG containing station data for Kamchatka Peninsula, including stations like KZV, TUMR, KMNr, etc.

SKO 25 02:06:13.2, 4.1, 83N, 22.14E, h22km, M1.9, ML2.3, CSEM 25 02:06:13.4, 0.1, 41.35N, 22.11E, h2km, ML2.0, Error ellipse: s-maj=3.8km s-min=2.6km az=55.0

BE0 25 02:06:14.0, 0.3, 41.81N, 22.15E, h19km, 3km, ML2.2/1, THE 25 02:06:14.1, 4.1, 80N, 22.14E, h2km, 1km, ML2.4/5, Error ellipse: s-maj=1.6km s-min=0.7km az=270.0

ATH 25 02:06:14.0, 4.1, 79N, 22.14E, h9km, 1km, MD3.3/9, ISC 25 02:06:13.5, 1.0, 41.83N, 22.11E, 0.02, h2km, 0.9km, n72, e061/110, 6C-3D, Northwest Balkan Peninsula

Main table for 2010 AUG containing station data for Northwest Balkan Peninsula, including stations like SKO, KNT, BARS, etc.

OUR 25 02:28:58.2, 4.3, 18.14N, 105.44W, h0km, mb3.4/3, mb1 3.9/5, mb1mx3.7/34, mbmtmp3.6/5, ML3.5/2, MS3.3/1, Ms1 3.3/1, ms1mx2.9/13, Error ellipse: s-maj=81.4km s-min=32.1km az=22.0

Table for station data in the OUR region, including stations like PHP, SRS, etc.

Table for station data in the OUR region, including stations like OUR, SJES, PDG, etc.

IDC 25 02:20:29.7, 1.7, 5.55N, 74.87W, h86km, 16km, mb3.1/3, mb1 3.4/3, mb1mx3.1/19, mbmtmp3.5/3, MS3.9/1, Ms1 3.8/1, ms1mx2.8/11, Error ellipse: s-maj=47.6km s-min=27.4km az=74.0, Colombia

Table for station data in the Colombia region, including stations like ROSC, LPAZ, YKA, etc.

ISCJB 25 02:21.0, 1.2, 34.4S, 0.1, 179.8W, 0.3, h300km, mb3.3/3, Error ellipse: s-maj=30.4km s-min=11.2km az=19.0

IDC 25 02:21:03.6, 8.0, 3.4, 71S, 179.57W, h306km, 111km, mb3.2/3, mb1 3.5/4, mb1mx3.2/26, mbmtmp3.8/4, Error ellipse: s-maj=176.3km s-min=31.0km az=173.0

ISC 25 02:21:03.5, 1.5, 34.5S, 0.2, 179.7W, 0.3, h300km, n9, e085/111, mb3.3/3, South of Kermadec Islands

Main table for 25d 2h containing station data for Colombia and South of Kermadec Islands, including stations like MXZ, MWZ, WAZ, etc.

ISCJB 25 02:23:11.4, 0.7, 6.3N, 0.2, 77.6W, 0.2, h17km, mb3.7/8, Error ellipse: s-maj=29.8km s-min=12.4km az=44.4

IDC 25 02:23:17.3, 2.6, 6.23N, 77.63W, h50km, 25km, mb3.5/8, mb1 3.7/10, mb1mx3.6/26, mbmtmp3.7/10, ML1.8/1, MS3.1/1, Ms1 3.1/1, ms1mx2.7/20, Error ellipse: s-maj=29.9km s-min=15.9km az=47.0

ISC 25 02:23:13.1, 8.0, 6.3N, 0.2, 77.6W, 0.2, h17km, n13, e056/111, mb3.8/8, Near west coast of Colombia

Main table for 25d 2h containing station data for Colombia and Near west coast of Colombia, including stations like ROSC, JTS, ATAH, etc.

IDC 25 02:28:58.2, 4.3, 18.14N, 105.44W, h0km, mb3.4/3, mb1 3.9/5, mb1mx3.7/34, mbmtmp3.6/5, ML3.5/2, MS3.3/1, Ms1 3.3/1, ms1mx2.9/13, Error ellipse: s-maj=81.4km s-min=32.1km az=22.0

ISCJB 25 02:29:01.0, 1.7, 18.28N, 0.06, 105.07W, 0.03, h10km, mb3.9/23, Error ellipse: s-maj=8.4km s-min=4.3km az=13.0

MEX 25 02:29:03.4, 0.4, 18.32N, 105.28W, h14km, 160km, MD4.5, NEIC 25 02:29:04.6, 1.2, 18.35N, 104.88W, h10km, mb4.1/35, MD4.5(MEX), Error ellipse: s-maj=18.1km s-min=9.6km

BUI 25 02:29:10.5, 18.70N, 104.90W, h40km, ISC 25 02:29:04.1, 1.1, 18.40N, 0.09, 105.08W, 0.08, h10km, n247, r124/238, mb4.0/22, Off coast of Jalisco

Main table for 25d 2h containing station data for MEX, BUI, and Off coast of Jalisco, including stations like MMIG, ANIG, etc.

IDC 25 01:44:55.4, 3.3, 30.14S, 138.49E, h0km, mb1 3.2/3, mb1mx3.1/17, mbmtmp2.9/3, ML2.7/3, Error ellipse: s-maj=80.8km s-min=16.1km az=45.0, South Australia

Table for station data in South Australia, including stations like STKA, KAVA, etc.

1305

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like IPOC Station P, Limon Verde, IPOC Station P, etc.

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Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like SNAEA Sanae, SNAEA Sanae, SNAEA Sanae, etc.

25d 2h

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like LAO LASA Array, LAO RLMT Red Lodge, RLMT H17A Grant Village, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NNA Nana, LPAZ Paz, ATAH Atahualpa, etc.

ISC/JB 25 03:33:47.6:1.9, 42.7N:0.1:43.42E:0.08, h11km, 5km, Error ellipse: s-maj=20.0km s-min=8.9km az=171.5...

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ONI Oni, CHVG Ch'k'valeri, AKH Akhalkalaki, etc.

TIF 25 03:37:28.5, 42.51N:43.58E, h9km, 1km CSEM 25 03:37:28.5:0.9, 42.71N:43.33E, h2km, MD2.8, Error ellipse: s-maj=34.3km s-min=10.8km az=151.0...

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ONI Oni, ARTV Artvin, DBOC Borcka, etc.

IDC 25 03:53:57.4:6.8, 17.55S:176.80W, h0km, mb3.9/2, mb1 4.2/2, mb1mx3.7/17, mbtmp3.9/2, Error ellipse: s-maj=331.9km s-min=46.8km az=145.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H11S2 WAKE ISLAND Hy, H11S3 WAKE ISLAND Hy, etc.

IDC 25 04:06:15.5:0.5, 49.52S:117.50E, h0km, mb4.4/13, mb1 4.6/14, mb1mx4.5/27, mbtmp4.4/14, ML3.0/1, MS4.0/17, Ms1 4.0/17, ms1mx3.8/28, Error ellipse: s-maj=26.5km s-min=14.1km az=120.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, BRTR Keskin Array B, GERES GERES Array B, etc.

IDC 25 04:06:17.8:0.3, 49.52S:117.32E, h10km, mb5.1/29, mb5.2/21, MS4.9/19, MS7.4/5/16 NEIC 25 04:06:17.3:0.2, 49.50S:117.32E, h10km, mb5.1/19, Error ellipse: s-maj=8.5km s-min=5.4km az=107.0...

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes station H01W2 Cape Leeuwin H.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H01W1 Cape Leeuwin H, H01W3 Cape Leeuwin H, NWA0 Narragin (SRO), etc.

MAW Mawson 32.22 216 P 25m, 1.1s, baz=73, slow=10.0, SNR=15 MAW comp=2.462nm, 19.2s, baz=60, slow=33 WRA Warramunga Arr 32.53 31 P 3.7nm, 0.7s, baz=200, slow=8.6, SNR=14

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MAW Mawson, WRA Warramunga Arr, WRAB Tennant Creek, Vnda Vanda, etc.

TIF 25 03:37:28.5, 42.51N:43.58E, h9km, 1km CSEM 25 03:37:28.5:0.9, 42.71N:43.33E, h2km, MD2.8, Error ellipse: s-maj=34.3km s-min=10.8km az=151.0...

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VNA2 Neumayer-Watz, VNA1 Neumayer-Stat, PSI Prapat, IPM Ipo, etc.

IDC 25 03:53:57.4:6.8, 17.55S:176.80W, h0km, mb3.9/2, mb1 4.2/2, mb1mx3.7/17, mbtmp3.9/2, Error ellipse: s-maj=331.9km s-min=46.8km az=145.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H08S2 Diego Garcia H, H08S1 Diego Garcia H, H08S3 Diego Garcia H, etc.

IDC 25 03:53:57.4:6.8, 17.55S:176.80W, h0km, mb3.9/2, mb1 4.2/2, mb1mx3.7/17, mbtmp3.9/2, Error ellipse: s-maj=331.9km s-min=46.8km az=145.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H08N1 Diego Garcia H, H08N3 Diego Garcia H, H08N2 Diego Garcia H, etc.

IDC 25 04:06:17.8:0.3, 49.52S:117.32E, h10km, mb5.1/29, mb5.2/21, MS4.9/19, MS7.4/5/16 NEIC 25 04:06:17.3:0.2, 49.50S:117.32E, h10km, mb5.1/19, Error ellipse: s-maj=8.5km s-min=5.4km az=107.0...

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H01W2 Cape Leeuwin H.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NJ2 Nanjing, TSUM Tsumeb, PKIN Pihulchoki, etc.

MAW Mawson 32.22 216 P 25m, 1.1s, baz=73, slow=10.0, SNR=15 MAW comp=2.462nm, 19.2s, baz=60, slow=33 WRA Warramunga Arr 32.53 31 P 3.7nm, 0.7s, baz=200, slow=8.6, SNR=14

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MAW Mawson, WRA Warramunga Arr, WRAB Tennant Creek, Vnda Vanda, etc.

TIF 25 03:37:28.5, 42.51N:43.58E, h9km, 1km CSEM 25 03:37:28.5:0.9, 42.71N:43.33E, h2km, MD2.8, Error ellipse: s-maj=34.3km s-min=10.8km az=151.0...

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VNA2 Neumayer-Watz, VNA1 Neumayer-Stat, PSI Prapat, IPM Ipo, etc.

IDC 25 03:53:57.4:6.8, 17.55S:176.80W, h0km, mb3.9/2, mb1 4.2/2, mb1mx3.7/17, mbtmp3.9/2, Error ellipse: s-maj=331.9km s-min=46.8km az=145.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H08S2 Diego Garcia H, H08S1 Diego Garcia H, H08S3 Diego Garcia H, etc.

IDC 25 03:53:57.4:6.8, 17.55S:176.80W, h0km, mb3.9/2, mb1 4.2/2, mb1mx3.7/17, mbtmp3.9/2, Error ellipse: s-maj=331.9km s-min=46.8km az=145.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H08N1 Diego Garcia H, H08N3 Diego Garcia H, H08N2 Diego Garcia H, etc.

IDC 25 04:06:17.8:0.3, 49.52S:117.32E, h10km, mb5.1/29, mb5.2/21, MS4.9/19, MS7.4/5/16 NEIC 25 04:06:17.3:0.2, 49.50S:117.32E, h10km, mb5.1/19, Error ellipse: s-maj=8.5km s-min=5.4km az=107.0...

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H01W2 Cape Leeuwin H.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NJ2 Nanjing, TSUM Tsumeb, PKIN Pihulchoki, etc.

MAW Mawson 32.22 216 P 25m, 1.1s, baz=73, slow=10.0, SNR=15 MAW comp=2.462nm, 19.2s, baz=60, slow=33 WRA Warramunga Arr 32.53 31 P 3.7nm, 0.7s, baz=200, slow=8.6, SNR=14

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MAW Mawson, WRA Warramunga Arr, WRAB Tennant Creek, Vnda Vanda, etc.

TIF 25 03:37:28.5, 42.51N:43.58E, h9km, 1km CSEM 25 03:37:28.5:0.9, 42.71N:43.33E, h2km, MD2.8, Error ellipse: s-maj=34.3km s-min=10.8km az=151.0...

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VNA2 Neumayer-Watz, VNA1 Neumayer-Stat, PSI Prapat, IPM Ipo, etc.

IDC 25 03:53:57.4:6.8, 17.55S:176.80W, h0km, mb3.9/2, mb1 4.2/2, mb1mx3.7/17, mbtmp3.9/2, Error ellipse: s-maj=331.9km s-min=46.8km az=145.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H08S2 Diego Garcia H, H08S1 Diego Garcia H, H08S3 Diego Garcia H, etc.

IDC 25 03:53:57.4:6.8, 17.55S:176.80W, h0km, mb3.9/2, mb1 4.2/2, mb1mx3.7/17, mbtmp3.9/2, Error ellipse: s-maj=331.9km s-min=46.8km az=145.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H08N1 Diego Garcia H, H08N3 Diego Garcia H, H08N2 Diego Garcia H, etc.

IDC 25 04:06:17.8:0.3, 49.52S:117.32E, h10km, mb5.1/29, mb5.2/21, MS4.9/19, MS7.4/5/16 NEIC 25 04:06:17.3:0.2, 49.50S:117.32E, h10km, mb5.1/19, Error ellipse: s-maj=8.5km s-min=5.4km az=107.0...

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H01W2 Cape Leeuwin H.

25d 4h

49VCO	Mesa Verde	144.92	93	ePKPdf	PKPdf	04 25 54.4	-0.2
MVCA	Davenport Ranc	144.94	108	PKIKP	PKPdf	04 25 54.5	-0.2
530A	J-O Ranch, Com	144.95	109	PKIKP	PKPdf	04 25 54.7	+0.1
733A	Divot King Ran	145.17	113	PKIKP	PKPdf	04 25 54.9	-0.1
TCUT	Toone Canyon	145.17	85	ePKPdf	PKPdf	04 25 55.3	+0.4
834A	Tilden	145.17	115	PKIKP	PKPdf	04 25 55.0	+1.0
HWUT	Hardware Ranch	145.32	84	ePKPdf	PKPab	04 25 55.3	+0.2
632A	Uvalde	145.44	112	PKIKP	PKPab	04 25 56.0	+0.4
531A	Rocksprings	145.45	110	PKIKP	PKPab	04 25 56.4	+0.7
430A	Baggett Ranch,	145.46	108	PKIKP	PKPab	04 25 56.0	+0.2
329A	Wagon Wheel Ra	145.48	107	PKIKP	PKPab	04 25 56.2	+0.3
228A	UT Block 9, Go	145.52	105	PKIKP	PKPab	04 25 56.2	+0.3
835A	Beeville	145.72	115	PKIKP	PKPab	04 25 56.9	+0.2
431A	Sonora	145.77	109	PKIKP	PKPbc	04 25 56.5	0.0
633A	Saathoff Ranch	145.77	112	PKIKP	PKPbc	04 25 56.8	+0.3
532A	Rocksprings	145.81	111	PKIKP	PKPbc	04 25 56.7	0.0
229A	Bryant Ranch,	145.91	106	PKIKP	PKPbc	04 25 56.9	-0.1
330A	Mertzon	145.92	108	PKIKP	PKPbc	04 25 57.0	0.0
128A	Castleberry Fa	145.93	105	PKIKP	PKPbc	04 25 57.2	+0.2
MCMB	McKenzie Canyo	146.02	78	ePKPbc	PKPab	04 25 57.8	+0.1
BSMT	Bassoo Peak	146.06	73	ePKPbc	PKPbc	04 25 56.9	-0.2
JCT	Junction City	146.12	110	PKIKP	PKPbc	04 25 57.5	-0.1
JCT	Junction City	146.12	110	ePKPbc	PKPbc	04 25 58.0	+0.5
735A	Kennedy	146.15	115	PKIKP	PKPbc	04 25 57.4	-0.2
MSO	Missoula	146.18	75	PKIKP	PKPbc	04 25 57.5	+0.1
MSO	Missoula	146.18	75	ePKPdf	PKPdf	04 25 56.7	+0.4
634A	China Grove, S	146.21	113	PKIKP	PKPdf	04 25 57.8	-0.1
230A	Sterling City	146.29	107	PKIKP	PKPbc	04 25 57.7	-0.4
533A	Kerrville	146.30	112	PKIKP	PKPdf	04 25 57.5	+0.6
S22A	4UR Ranch, Cre	146.31	94	PKIKP	PKPbc	04 25 58.2	-0.1
S22A	4UR Ranch, Cre	146.31	94	ePKPdf	PKPab	04 25 59.3	+0.2
331A	San Angelo	146.32	109	PKIKP	PKPdf	04 25 57.6	+0.6
129A	Stewart Farms,	146.32	105	PKIKP	PKPbc	04 25 57.7	-0.5
JTMT	Jette	146.34	73	ePKPbc	PKPbc	04 25 57.5	-0.3
432A	Mienard	146.41	110	PKIKP	PKPbc	04 25 58.2	-0.2
DLMT	Dillon	146.42	78	ePKPbc	PKPbc	04 25 58.5	+0.3
SWMT	Swartz Lake	146.42	73	ePKPbc	PKPbc	04 25 57.8	-0.2
Y28A	Tucker Farm, M	146.43	104	PKIKP	PKPbc	04 25 58.3	-0.2
ZBMT	Yellow Bay	146.55	73	ePKPdf	PKPdf	04 25 57.6	+0.7
YBMT	Yellow Bay	146.55	73	ePKPbc	PKPbc	04 25 58.6	-0.3
635A	Leesville	146.56	114	PKIKP	PKPbc	04 25 58.6	-0.3
534A	Blanco	146.61	112	PKIKP	PKPbc	04 25 59.0	0.0
MSX	Muleshoe	146.63	103	ePKPbc	PKPbc	04 25 59.8	+0.7
TPAW	Teton Pass	146.63	82	ePKPbc	PKPbc	04 25 59.6	+0.6
SLMT	Seelye Lake	146.63	74	ePKPbc	PKPbc	04 25 58.5	-0.2
REDW	Red Top Meadow	146.63	82	ePKPbc	PKPbc	04 25 59.7	+0.7
FXWY	Fox Creek	146.65	81	ePKPdf	PKPbc	04 25 58.7	-0.3
CHMT	Chamberlain M	146.65	75	ePKPbc	PKPbc	04 25 59.0	+0.2
736A	Circle Diamond	146.66	115	PKIKP	PKPbc	04 25 59.6	+0.5
LRM	Limekill Ridge	146.71	77	ePKPbc	PKPbc	04 25 60.0	+0.8
O20A	White River Ci	146.71	89	ePKPbc	PKPbc	04 25 59.1	-0.2
433A	Art	146.75	111	PKIKP	PKPbc	04 25 59.2	-0.3
332A	Millersview	146.79	109	PKIKP	PKPbc	04 25 59.4	-0.2
231A	Bronte	146.82	108	PKIKP	PKPbc	04 25 59.4	-0.2
IMW	Indian Meadow	146.82	81	ePKPbc	PKPbc	04 25 59.1	-0.5
Z29A	Hungry Hill Ra	146.84	105	PKIKP	PKPbc	04 25 59.4	-0.2
130A	Snyder	146.86	106	PKIKP	PKPbc	04 25 59.7	0.0
MOOW	Moose Ponds	146.88	81	ePKPbc	PKPbc	04 25 59.2	-0.4
LOHW	Long Hollow	146.91	82	ePKPbc	PKPbc	04 25 58.9	-0.8
Y28A	McKinney Farm,	146.92	103	PKIKP	PKPbc	04 25 59.8	-0.1
QLMT	Earthquake Lak	146.93	79	ePKPbc	PKPbc	04 25 59.6	-0.1
SMCO	Snowmass	147.02	91	ePKPbc	PKPbc	04 26 00.6	+0.2
WALA	Waterton Lakes	147.05	71	ePKPbc	PKPbc	04 26 00.3	+0.4
636A	Smothers Creek	147.06	115	PKIKP	PKPbc	04 26 00.6	+0.4
FLWY	Flag Ranch	147.06	81	ePKPbc	PKPbc	04 26 00.5	+0.4
YFT	Old Faithful	147.14	80	ePKPbc	PKIKP	04 26 01.2	+0.8
535A	Dale	147.15	113	PKIKP	PKPbc	04 26 00.7	+0.2
BOZ	Bozeman (W)	147.15	78	PKIKP	PKPbc	04 26 00.5	+0.2
BOZ	Bozeman (W)	147.15	78	ePKPbc	PKPbc	04 25 59.6	-0.7
YMR	Madison River	147.15	80	ePKPbc	PKPbc	04 25 59.8	-0.6
SDCO	Great Sand Dun	147.18	95	PKIKP	PKPbc	04 26 00.4	-0.4
SDCO	Great Sand Dun	147.18	95	ePKPbc	PKPbc	04 26 00.1	-0.7
WBCO	Boulder Arroy	147.19	84	ePKPbc	PKPbc	04 25 59.9	-0.6
232A	Coleman	147.20	109	PKIKP	PKPbc	04 26 00.5	-0.2
333A	Richard Sprin	147.22	110	PKIKP	PKPbc	04 26 00.5	-0.2
Z30A	Sanderson Ranc	147.22	105	PKIKP	PKPbc	04 26 00.2	-0.5
Y29A	Porterfield Fa	147.25	104	PKIKP	PKPbc	04 26 00.2	-0.6
131A	Roby	147.27	107	PKIKP	PKPbc	04 26 00.9	0.0
H17A	Grant Village	147.28	80	PKIKP	PKPbc	04 26 00.0	0.0
H17A	Grant Village	147.28	80	ePKPbc	PKPbc	04 26 01.9	+1.1
434A	Burnet	147.29	112	PKIKP	PKPbc	04 26 00.3	-0.6
X28A	Dimmitt	147.34	102	PKIKP	PKPbc	04 26 01.0	-0.1
HRYA	Holter Researc	147.46	76	ePKPdf	PKPdf	04 25 58.3	-0.1
HRV	Holter Researc	147.46	76	ePKPbc	PKPbc	04 26 01.2	+0.1
T25A	Trinidad	147.53	97	PKIKP	PKPbc	04 26 00.8	-0.8
T25A	Trinidad	147.53	97	ePKPbc	PKPbc	04 26 02.5	+0.8
X29A	Tulia	147.61	103	PKIKP	PKPbc	04 26 00.6	-1.2
334A	Lometa	147.68	111	PKIKP	PKPbc	04 26 01.8	-0.2
435B	Jarrell	147.68	112	PKIKP	PKPbc	04 26 01.3	-0.7
ABTX	Ablene, Hawle	147.70	108	PKIKP	PKPbc	04 26 01.3	-0.7
ABTX	Ablene, Hawle	147.70	108	ePKPbc	PKPbc	04 26 01.1	-0.9
V27A	Dan Oppiter Fa	147.71	100	PKIKP	PKPbc	04 26 01.1	-0.9
J19A	Crownhearst	147.75	83	PKIKP	PKPbc	04 26 01.7	-0.3
Y30A	Stafford Cattl	147.75	105	PKIKP	PKPbc	04 26 02.1	-0.1
W28A	Vega	147.81	101	PKIKP	PKPbc	04 26 02.4	+0.1
Z31A	Sharp Cattle R	147.86	106	PKIKP	PKPbc	04 26 01.5	-0.9
AMTX	Amarillo	147.91	102	PKIKP	PKPbc	04 26 01.8	-0.8
AMTX	Amarillo	147.91	102	ePKPbc	PKPbc	04 26 01.6	-0.9
537A	Green Hill Far	147.93	115	PKIKP	PKPbc	04 26 03.1	+0.4
W29A	Amrallid	148.08	102	PKIKP	PKPbc	04 26 02.8	-0.2
T26A	Comanche Natio	148.08	97	PKIKP	PKPbc	04 26 02.8	-0.3

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Q24A	Divide	148.09	93	PKIKP	PKPbc	04 26 02.9	-0.4
V28A	Channing	148.10	101	PKIKP	PKPbc	04 26 03.1	0.0
HKT	Hockley	148.12	116	ePKPbc	PKPbc	04 26 03.0	+0.2
U27A	Thompson Grove	148.12	99	PKIKP	PKPbc	04 26 03.2	0.0
335A	Moody	148.13	112	PKIKP	PKPbc	04 26 03.0	-0.1
X30A	Coker Ranch, T	148.14	104	PKIKP	PKPbc	04 26 02.9	-0.2
I19A	Meeteetse	148.14	82	PKIKP	PKPbc	04 26 03.2	+0.1
133A	Hamilton Ranch	148.14	108	PKIKP	PKPbc	04 26 03.2	0.0
234A	Clairette	148.21	110	PKIKP	PKPbc	04 26 02.7	-0.7
Y31A	Rekieta Farm,	148.21	105	PKIKP	PKPbc	04 26 03.3	0.0
ISCO	Idaho Springs	148.24	91	PKIKP	PKPbc	04 26 03.5	-0.1
ISCO	Idaho Springs	148.24	91	ePKPbc	PKPbc	04 26 05.0	+1.4
Z32A	Haskell	148.26	107	PKIKP	PKPbc	04 26 03.6	-0.2
J20A	Shoshoni	148.41	84	PKIKP	PKPbc	04 26 03.9	+0.2
S26A	Kim	148.42	97	PKIKP	PKPbc	04 26 04.0	+0.1
H19A	Powell	148.42	81	PKIKP	PKPbc	04 26 04.1	+0.4
RLMT	Red Lodge	148.44	80	PKIKP	PKPbc	04 26 03.4	-0.4
RLMT	Red Lodge	148.44	80	ePKPbc	PKPdf	04 26 02.0	+1.7
GCMT	Greycliff	148.46	79	ePKPbc	PKPbc	04 26 05.0	+1.3
T27A	Campo	148.57	98	PKIKP	PKPbc	04 26 04.1	-0.2
N23A	Red Feather La	148.60	89	PKIKP	PKPbc	04 26 04.2	-0.3
WHXT	Lake Whitney	148.61	111	PKIKP	PKPbc	04 26 04.2	-0.2
Y29A	Stinnett	148.62	101	PKIKP	PKPbc	04 26 04.1	-0.3
134A	White-Moore Ra	148.63	109	PKIKP	PKPbc	04 26 04.5	0.0
EDM	Edmonton	148.65	64	ePKPdf	PKPdf	04 25 59.5	-0.6
EDM	Edmonton	148.65	64	ePKPbc	PKPbc	04 26 02.9	-1.0
I20A	Worldand	148.66	83	PKIKP	PKPbc	04 26 04.5	+0.2
Z33A	Whitaker Ranch	148.69	108	PKIKP	PKPbc	04 26 04.1	-0.5
Y32A	R-V Farms, Ver	148.75	106	PKIKP	PKPbc	04 26 04.3	-0.4
X31A	McDonald Ranch	148.82	104	PKIKP	PKPbc	04 26 04.9	0.0
J21A	Lysite	148.82	84	PKIKP	PKPbc	04 26 04.8	-0.1
R26A	Arlington	148.82	96	PKIKP	PKPbc	04 26 04.8	-0.1
438A	Sam Houston St	148.91	115	PKIKP	PKPbc	04 26 05.3	+0.1
H20A	Greybull	148.98	82	PKIKP	PKPbc	04 26 04.9	-0.2
T28A	Walsh	149.00	99	PKIKP	PKPbc	04 26 05.1	-0.3
135A	Vickery Place,	149.03	110	PKIKP	PKPbc	04 26 05.1	-0.3
337A	Centerville	149.08	114	PKIKP	PKPbc	04 26 05.8	+0.2
V30A	Spur Ranch, Mi	149.09	102	PKIKP	PKPbc	04 26 05.8	+0.4
K22A	Casper	149.09	86	PKIKP	PKPbc	04 26 06.2	+0.7
K22A	Casper	149.09	86	ePKPdf	PKPdf	04 26 03.1	+1.8
K22A	Casper	149.09	86	ePKPbc	PKPbc	04 26 06.5	-0.3
X32A	Elmer	149.12	105	PKIKP	PKPbc	04 26 06.1	+0.5
Q26A	Pilot	149.13	95	PKIKP	PKPbc	04 26 06.1	+0.4
PHWY	Hugo Hill	149.13	89	ePKPbc	PKPbc	04 26 06.7	+0.9
YKA	Yellowknife Ar	149.13	46	ePKPbc	PKPbc	04 26 03.7	-1.0
I21A	Big T Tris, Te	149.14	83	PKIKP	PKPbc	04 26 05.3	-0.3
W31A	Holland Ranch,	149.20	104	PKIKP	PKPbc	04 26 06.4	+0.5
R27A	Eads	149.24	96	PKIKP	PKPbc	04 26 06.1	+0.1
Y33A	Hilltop Ranch,	149.26	107	PKIKP	PKPbc	04 26 05.8	-0.1
EGMT	Eagleton	149.27	75	PKIKP	PKPbc	04 26 05.6	-0.1
EGMT	Eagleton	149.27	75	ePKPbc	PKPbc	04 26 06.0	+0.3
Z34A	Collier Ranch,	149.28	109	PKIKP	PKPbc	04 26 06.1	+0.1
439A	Center Grove,	149.36	116	PKIKP	PKPbc	04 26 06.7	+0.4
S28A	Manter	149.41	98	PKIKP	PKPbc	04 26 06.3	0.0
338A	Crockett	149.45	114	PKIKP	PKPbc	04 26 06.9	+0.4
J22A	Midwest	149.48	85				

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

ISCJB 25 04:11:11.5±1.8, 17.5S:0.6±178.5W:0.4, h547km, mb3.8/6, Error ellipse: s-maj=96.8km s-min=18.6km az=148.2

ISC 25 04:11:14.8±2.0, 17.5S:173.1±11W:157.6km, mb3.2/6, mb1 3.5/7, mb1mx3.2/19, mbtmp4.3/7, Error ellipse: s-maj=88.7km s-min=16.0km az=150.0

ISC 25 04:11:11.8±1.9, 17.7S:0.6±178.3W:0.4, h547km, n9, α052/10, mb4.0/6, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

ISCJB 25 04:15:53.4±0.9, 20.8S:0.1±169.70E:0.07, h100km, mb4.2/6, Error ellipse: s-maj=16.2km s-min=6.0km az=159.5

NOU 25 04:15:53.2±2.3, 20.54S:169.82E, h30km, MD3.5, ML2.9, MS4.1

ISC 25 04:15:56.0±1.2, 20.83S:169.68E, h107km, km3, mb4.0/6, mb1 4.3/8, mb1mx3.9/19, mbtmp4.5/8, MS3.0/1, Ms1 3.0/1, ms1mx2.6/29, Error ellipse: s-maj=28.5km s-min=14.1km az=154.0

ISC 25 04:15:55.4±1.1, 20.7S:0.1±169.67E:0.10, h100km, n13, α133/20, mb4.2/6, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

ISCJB 25 04:34:43.0±0.7, 24.89N:0.03±122.32E:0.03, h8km±4km, Error ellipse: s-maj=5.9km s-min=3.9km az=13.1

JMA 25 04:34:43.0±0.2, 24.89N:0.02±122.29E, h8km, ML2.9

TAP 25 04:34:43.2±0.4, 24.90N:122.27E, h10km, 1km, ML2.7, D

ISC 25 04:34:43.0±1.1, 24.88N:0.04±122.28E:0.03, h8km±11km, n17, α044/30, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

IDC 25 04:38:08.1±1.2, 9.39S:159.32E, h0km, M4.2/7, mb1 4.4/9, mb1mx4.1/36, mbtmp4.2/9, ML4.0/2, MS3.5/2, Ms1 3.5/2, ms1mx2.9/25, Error ellipse: s-maj=41.9km s-min=20.7km az=130.0

ISCJB 25 04:38:11.1±1.0, 9.4S:0.2±159.2E:0.2, h27km, mb4.0/7, MS3.7/1, Error ellipse: s-maj=28.5km s-min=15.7km az=38.8

ISC 25 04:38:12.4±1.1, 9.4S:0.2±159.2E:0.2, h27km, n11, α097/10, mb4.2/7, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

DJA 25 04:47:10.5±0.9, 0.4N:4.12°E, h61km±14km, M3.8/7, MLV3.87, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

ISCJB 25 04:47:13.0±0.5, 1.16°N:0.08±95.2E:0.1, h10km, mb4.1/20, MS3.5/6, Error ellipse: s-maj=16.7km s-min=9.0km az=149.7

IDC 25 04:47:13.6±0.7, 1.16°N:95.15E, h0km, mb4.0/14, mb1 4.1/15, mb1mx4.0/29, mbtmp4.0/15, ML4.1/1, MS3.5/8, Ms1 3.5/8, ms1mx3.1/40, Error ellipse: s-maj=26.9km s-min=17.0km az=53.0

NEIC 25 04:47:18.8±0.4, 1.16°N:95.24E, h35km, mb4.2/6, Error ellipse: s-maj=14.1km s-min=7.2km az=60.0

ISC 25 04:47:14.9±0.6, 1.16°N:0.10±95.3E:0.1, h10km, n35, α150/27, mb4.1/20, MS3.4/6, Andaman Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

AZER 25 05:00:00.5±7.7, 42.35N:45.09E, h6km, Error ellipse: s-maj=6.3km s-min=4.5km az=313.0

CSEM 25 05:00:02.6±0.1, 42.45N:45.09E, h2km, mb3.8, Error ellipse: s-maj=3.1km s-min=2.5km az=32.0

MOS 25 05:00:03.0±0.7, 42.41N:45.03E, h12km, mb3.8/1, Error ellipse: s-maj=6.9km s-min=4.8km az=111.6

DDA 25 05:00:12.6, 42.33N:44.53E, h15km, MD3.2

ISC 25 05:00:02.6±1.1, 42.43N:0.01±45.06E:0.11, h5km±9km, n102, α1812/180, 14C-13D, Eastern Caucasus

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

PMAFR Mafru 7.5nm,0.2s,SNR=6.1	3.61 316	Pn	Pn	08 29 59.3 +0.9	POLO		eSg	Sg	08 31 15.9 -3.1	19nm,0.5s,SNR=7.9		Lg	Lg	08 33 01.5
PMAFR 154nm,0.5s,SNR=5.4			Sn	08 30 40.0 -1.0	POLO		eSg	Sg	08 31 51.3 +3.3					
PMAFR Mafru 82nm,0.7s	3.61 316	ePn	Pn	08 29 59.2 +0.8	EBEN Beniarda 2.2nm,0.3s,SNR=8.6	5.19 62	Pn	Pn	08 30 20.6 +0.5	YARA				
PCBR Castelo Branco 82nm,0.7s	3.61 343	ePn	Pn	08 29 59.3 +0.9	EBEN				08 31 20.7 +0.8	YMUS Pe-a Musaera 49nm,0.5s,SNR=7.9	7.31 31	Pn	Pn	08 30 50.6 +1.4
PCBR Castelo Branco 54nm,0.6s	3.61 343	ePn	Pn	08 30 41.9 +0.9	EBEN Beniarda 24nm,1.2s,SNR=5.0	5.19 62	Pn	Pn	08 30 20.6 +0.5	YMUS Pe-a Musaera 49nm,0.5s,SNR=7.9	7.31 31	Pn	Pn	08 30 50.6 +1.4
PCBR Castelo Branco 27nm,0.6s	3.61 343	ePn	Pn	08 31 10.8 +1.9	EBEN Beniarda 2.2nm,0.3s,SNR=8.6	5.19 62	Pn	Pn	08 31 20.7 +0.8	YBER Berdun 19nm,0.4s,SNR=7.9	7.35 31	Pn	Pn	08 30 51.8 +2.0
PCBR Castelo Branco 54nm,0.6s	3.61 343	ePn	Pn	08 29 59.3 +0.9	EBEN				08 31 20.7 +0.8	YBER Berdun 19nm,0.4s,SNR=7.9	7.35 31	Pn	Pn	08 30 51.8 +2.0
PCBR Castelo Branco 27nm,0.6s	3.61 343	ePn	Pn	08 30 41.9 +0.9	OUK Oukaimeden 24nm,1.2s,SNR=5.0	5.38 197	Pn	Pn	08 30 23.0 -0.1	YSIG Sigues 61nm,0.6s,SNR=7.9	7.37 31	Pn	Pn	08 30 52.0 +1.9
PCBR Castelo Branco 54nm,0.6s	3.61 343	ePn	Pn	08 31 10.8 +1.9	OUK Oukaimeden 2.2nm,0.3s,SNR=8.6	5.38 197	Pn	Pn	08 30 23.0 -0.1	YSIG Sigues 61nm,0.6s,SNR=7.9	7.37 31	Pn	Pn	08 30 52.0 +1.9
EPLA Plasencia 33nm,0.2s,SNR=18	3.66 360	↑Pn	Pn	08 30 00.5 +1.3	ETOR Torete 19nm,0.4s,SNR=36	5.42 34	Pn	Pn	08 30 24.6 +1.2	YASP Asput 43nm,0.5s,SNR=7.9	7.37 29	Pn	Pn	08 30 51.6 +1.5
EPLA 51nm,1.1s,SNR=8.9			Sn	08 30 43.0 +0.7	ETOR 21nm,0.3s,SNR=7.9				08 31 25.3 -0.5	YASP Asput 34nm,0.8s,SNR=7.9	7.37 29	Pn	Pn	08 30 51.6 +1.5
EPLA 163nm,0.7s,SNR=6.6			Lg	08 31 02.0	ETOR 288nm,1.5s,SNR=5.0	5.42 34	Pn	Pn	08 30 24.6 +1.2	YASP Asput 43nm,0.5s,SNR=7.9	7.37 29	Pn	Pn	08 30 51.6 +1.5
EPLA Plasencia 33nm,0.2s,SNR=18	3.66 360	Pn	Pn	08 30 00.5 +1.3	ETOR 21nm,0.3s,SNR=7.9				08 31 25.3 -0.5	IEPA Eparoz 77nm,0.6s,SNR=7.9	7.38 29	Pn	Pn	08 30 51.8 +1.6
EPLA 51nm,1.1s,SNR=8.9			Lg	08 30 43.0 +0.7	ETOR 288nm,1.5s,SNR=5.0	5.43 355	ePn	Pn	08 30 24.5 +1.1	IEPA 20nm,0.9s,SNR=7.9				08 32 15.8 +2.0
EPLA 163nm,0.7s,SNR=6.6			Lg	08 31 02.0	PBRG Braganca 50nm,0.7s	5.43 355	ePn	Pn	08 30 23.7 +2.1	IEPA 36nm,0.8s,SNR=7.9				08 33 13.1
EPLA Plasencia 33nm,0.2s,SNR=18	3.66 360	Pn	Pn	08 30 00.5 +1.3	PBRG Braganca 25nm,0.7s	5.43 355	ePn	Pn	08 31 24.7 +0.5	IEPA Eparoz 77nm,0.6s,SNR=7.9	7.38 29	Pn	Pn	08 30 51.8 +1.6
EPLA 51nm,1.1s,SNR=8.9			Lg	08 30 43.0 +0.7	PBRG Braganca 50nm,0.7s	5.43 355	ePn	Pn	08 30 24.5 +1.1	IEPA 20nm,0.9s,SNR=7.9				08 32 15.8 +2.0
EPLA 163nm,0.7s,SNR=6.6			Lg	08 31 02.0	PBRG Braganca 25nm,0.7s	5.43 355	ePn	Pn	08 31 24.7 +0.5	IEPA 36nm,0.8s,SNR=7.9				08 33 13.1
ESDC Seneca Array 18nm,0.3s,baz=212,slow=13,SNR=124	3.67 26	Pn	Pn	08 30 00.1 +0.8	PBRG Braganca 50nm,0.7s	5.43 355	ePn	Pn	08 30 24.5 +1.1	IUSE Uxetti 9.5nm,0.3s,SNR=7.9	7.42 27	Pn	Pn	08 30 52.2 +1.5
ESDC 8.1nm,0.3s,baz=212,slow=29,SNR=5.9	3.67 26	Pn	Pn	08 30 00.4 +1.1	PBRG Braganca 25nm,0.7s	5.43 355	ePn	Pn	08 31 27.5 +0.5	IUSE 29nm,1.0s,SNR=7.9				08 33 06.7
ESDC 1.8nm,0.1s,baz=212,slow=13,SNR=62	3.67 26	Pn	Pn	08 30 00.4 +1.1	ECAL Calabor 1.8nm,0.2s,SNR=4.7	5.56 355	Pn	Pn	08 30 26.6 +1.3	IUSE Uxetti 9.5nm,0.3s,SNR=7.9	7.42 27	Pn	Pn	08 30 52.2 +1.5
ESDC 3.1nm,0.9s,baz=216,slow=29,SNR=7.9	3.67 26	Pn	Pn	08 30 00.4 +1.1	ECAL 21nm,0.6s,SNR=5.4				08 31 27.6 -1.6	IUSE 29nm,1.0s,SNR=7.9				08 33 06.7
ESDC 1.8nm,0.1s,SNR=62	3.67 26	Pn	Pn	08 30 00.4 +1.1	ECAL 140nm,0.6s,SNR=5.2	5.56 355	Pn	Pn	08 30 26.6 +1.3	IUSE 9.5nm,0.3s,SNR=7.9				08 33 06.7
ESDC Tomar 74nm,0.7s	3.71 331	Lg	Lg	08 31 03.0	ECAL 1.8nm,0.2s,SNR=4.7				08 32 00.3	IELO Elcoad 49nm,0.7s,SNR=18	7.44 29	↑Pn	Pn	08 30 52.1 +1.0
PTOM Tomar 74nm,0.7s	3.71 331	Pn	Pn	08 30 00.7 +0.9	ECAL 140nm,0.6s,SNR=5.2	5.56 355	Pn	Pn	08 30 26.6 +1.3	IELO 3.1nm,0.5s,SNR=7.9				08 32 58.8
PTOM Tomar 54nm,0.6s	3.71 331	Pn	Pn	08 30 43.7 +0.3	ELOB Lobios 140nm,0.6s,SNR=5.2	5.68 345	Pn	Pn	08 30 27.6 +0.7	IELO 109nm,1.7s,SNR=7.9	7.44 29	Pn	Pn	08 30 52.1 +1.0
PTOM Tomar 74nm,0.7s	3.71 331	Pn	Pn	08 31 03.1 +1.3	ELOB 1.9nm,0.4s,SNR=8.4	5.68 345	Pn	Pn	08 30 27.6 +0.7	IELO 49nm,0.7s,SNR=18				08 32 17.1 +1.7
PTOM Tomar 54nm,0.6s	3.71 331	Pn	Pn	08 31 30.5	ELOB 17nm,1.3s,SNR=7.9				08 31 30.6 -1.4	IELO 3.1nm,0.5s,SNR=7.9				08 32 58.8
PTOM Tomar 74nm,0.7s	3.71 331	Pn	Pn	08 30 00.7 +0.9	ELOB 186nm,0.8s,SNR=5.0	5.68 345	Pn	Pn	08 30 27.6 +0.7	IELO 109nm,1.7s,SNR=7.9	7.44 29	Pn	Pn	08 30 52.1 +1.0
PTOM Tomar 54nm,0.6s	3.71 331	Pn	Pn	08 30 43.7 +0.3	ELOB 1.9nm,0.4s,SNR=8.4	5.68 345	Pn	Pn	08 31 30.6 -1.4	EPOB Poblet 2.0nm,0.3s,SNR=7.9	7.46 46	Pn	Pn	08 30 51.6 +0.3
PTOM Tomar 74nm,0.7s	3.71 331	Pn	Pn	08 31 03.1 +1.3	ELOB 17nm,1.3s,SNR=7.9				08 32 06.0	EPOB Poblet 38nm,1.7s,SNR=7.9	7.46 46	Pn	Pn	08 30 51.6 +0.3
MDT Mideti 12nm,0.3s,baz=8.7,slow=10,SNR=164	3.77 161	Pn	Pn	08 30 40.4 -0.3	ELOB 186nm,0.8s,SNR=5.0	5.68 345	Pn	Pn	08 31 30.6 -1.4	EPOB Poblet 2.0nm,0.3s,SNR=7.9	7.46 46	Pn	Pn	08 30 51.6 +0.3
MDT 9.7nm,0.3s,baz=13,slow=18,SNR=14	4.12 333	ePn	Pn	08 30 02.9 -2.1	ELOB 1.9nm,0.4s,SNR=8.4	5.68 345	Pn	Pn	08 32 06.0	EPOB Poblet 38nm,1.7s,SNR=7.9	7.46 46	Pn	Pn	08 30 51.6 +0.3
PCAS Casimilo, Conde 70nm,0.6s	4.12 333	ePn	Pn	08 30 06.5 +1.1	PGAV Gavieira, Arco 32nm,0.6s	5.82 344	ePn	Pn	08 30 29.5 +0.7	EPOB Poblet 2.0nm,0.3s,SNR=7.9	7.46 46	Pn	Pn	08 30 51.6 +0.3
PCAS Casimilo, Conde 70nm,0.6s	4.12 333	ePn	Pn	08 31 18.1 +3.1	PGAV Gavieira, Arco 37nm,0.8s,SNR=18	5.92 46	↑Pn	Pn	08 31 39.4 +1.3	ELIZ Elizondo 14nm,0.8s,SNR=12	7.61 26	Pn	Pn	08 30 54.8 +1.5
PCAS Casimilo, Conde 70nm,0.6s	4.12 333	ePn	Pn	08 31 27.2	EMOS 3.0nm,0.4s,SNR=6.6				08 32 17.1	ELIZ Elizondo 14nm,0.8s,SNR=12	7.61 26	Pn	Pn	08 30 54.8 +1.5
PCAS Casimilo, Conde 70nm,0.6s	4.12 333	ePn	Pn	08 30 06.5 +1.1	EMOS 82nm,0.9s,SNR=5.0	5.92 46	Pn	Pn	08 31 39.4 +1.3	EALK Alkurruntz 14nm,0.4s,SNR=18	7.67 26	↑Pn	Pn	08 30 55.5 +1.4
PCAS Casimilo, Conde 70nm,0.6s	4.12 333	ePn	Pn	08 31 18.1 +3.1	EMOS 37nm,0.8s,SNR=18	5.92 46	Pn	Pn	08 32 17.1	EALK Alkurruntz 224nm,1.8s,SNR=7.9	7.67 26	Pn	Pn	08 30 55.5 +1.4
EMUR La Murta 5.1nm,0.4s,SNR=6.0	4.12 68	Pn	Pn	08 30 07.3 +1.8	EMOS 3.0nm,0.4s,SNR=6.6				08 32 34.6	EALK Alkurruntz 14nm,0.4s,SNR=18	7.67 26	Pn	Pn	08 32 18.3 -2.5
EMUR La Murta 316nm,2.1s,SNR=7.9	4.12 68	Pn	Pn	08 31 18.1	EMOS 82nm,0.9s,SNR=5.0	5.92 46	Pn	Pn	08 31 39.4 +1.3	EALK Alkurruntz 224nm,1.8s,SNR=7.9	7.67 26	Pn	Pn	08 30 55.5 +1.4
EMUR La Murta 5.1nm,0.4s,SNR=6.0	4.12 68	Pn	Pn	08 30 07.3 +1.8	EMOS 37nm,0.8s,SNR=18	5.92 46	Pn	Pn	08 32 17.1	EALK Alkurruntz 14nm,0.4s,SNR=18	7.67 26	Pn	Pn	08 32 18.3 -2.5
EMUR La Murta 316nm,2.1s,SNR=7.9	4.12 68	Pn	Pn	08 31 18.1	EMOS 3.0nm,0.4s,SNR=6.6				08 32 34.6	EALK Alkurruntz 224nm,1.8s,SNR=7.9	7.67 26	Pn	Pn	08 30 55.5 +1.4
MTE Manteigas 155nm,0.7s	4.16 344	ePn	Pn	08 30 07.0 +1.0	EMOS 37nm,0.8s,SNR=18	5.92 46	Pn	Pn	08 31 39.4 +1.3	EALK Alkurruntz 14nm,0.4s,SNR=18	7.67 26	Pn	Pn	08 32 18.3 -2.5
MTE Manteigas 155nm,0.7s	4.16 344	ePn	Pn	08 30 53.2 -1.5	EMOS 3.0nm,0.4s,SNR=6.6				08 32 34.6	EALK Alkurruntz 224nm,1.8s,SNR=7.9	7.67 26	Pn	Pn	08 30 55.5 +1.4
MTE Manteigas 155nm,0.7s	4.16 344	ePn	Pn	08 31 19.4 +3.1	EMOS 82nm,0.9s,SNR=5.0	6.44 64	Pn	Pn	08 32 17.1	SJPF SJPF 50nm,1.0s	7.68 28	ePn	Pn	08 33 06.8 -2.1
MTE Manteigas 155nm,0.7s	4.16 344	ePn	Pn	08 31 25.1	EIBI Ibiza 0.8nm,0.2s,SNR=7.9	6.44 64	Pn	Pn	08 30 38.1 +0.8	SJPF SJPF 50nm,1.0s	7.68 28	Pn	Pn	08 30 55.3 +1.0
MTE Manteigas 155nm,0.7s	4.16 344	ePn	Pn	08 30 07.0 +1.0	EIBI 0.3nm,0.9s,SNR=7.9	6.44 64	Pn	Pn	08 31 50.0 -0.7	SJPF SJPF 50nm,1.0s	7.68 28	Pn	Pn	08 32 18.6 -2.5
MTE Manteigas 155nm,0.7s	4.16 344	ePn	Pn	08 30 53.2 -1.5	EIBI 0.8nm,0.2s,SNR=7.9	6.44 64	Pn	Pn	08 30 38.1 +0.8	SJPF SJPF 50nm,1.0s	7.68 28	Pn	Pn	08 33 06.8 -2.1
MTE Manteigas 155nm,0.7s	4.16 344	ePn	Pn	08 31 19.4 +3.1	EIBI 0.3nm,0.9s,SNR=7.9	6.44 64	Pn	Pn	08 31 50.0 -0.7	SJPF SJPF 50nm,1.0s	7.68 28	Pn	Pn	08 30 55.3 +1.0
MTE Manteigas 155nm,0.7s	4.16 344	ePn	Pn	08 31 25.1	EIBI 0.8nm,0.2s,SNR=7.9	6.44 64	Pn	Pn	08 30 38.1 +0.8	SJPF SJPF 50nm,1.0s	7.68 28	Pn	Pn	08 32 18.6 -2.5
MTE Manteigas 155nm,0.7s	4.16 344	ePn	Pn	08 30 07.0 +1.0	EIBI 0.3nm,0.9s,SNR=7.9	6.44 64	Pn	Pn	08 31 50.0 -0.7	SJPF SJPF 50nm,1.0s	7.68 28	Pn	Pn	08 33 06.8 -2.1
MTE Manteigas 155nm,0.7s	4.16 344	ePn	Pn	08 30 53.2 -1.5	EIBI 0.8nm,0.2s,SNR=7.9	6.44 64	Pn	Pn	08 30 38.1 +0.8	SJPF SJPF 50nm,1.0s				

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like CCB, HDA, ILAR, ILB, KLU, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like PRU, BRG, SOKA, GEC2, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like D25A, A27A, O20A, etc.

25d 8h

Table with columns: TOAD, Torodi Ar. Sit, 122.18 285, ePKPdf, PKK, PKP, 09 14 44.0 -0.3, etc.

2010 AUG

Table with columns: Y28A, baz=125, McKinney Farm, 125.26 48 P, PKPdf, 09 14 50.9 +1.1, etc.

1320

Table with columns: 532A, Rocksprings, 128.72 51 P, PKPdf, 09 14 57.3 +0.8, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Brasilia, San Ignacio, SIV, SAML, etc.

ADC 25 08:59:51.1, 9.34, 64N, 27.04E, h0km, mb3.7/2, mb1 3.7/6, mb1mx3.5/46, mbtmp3.4/6, ML4.0/3, MS3.7/4, Ms1 3.7/4, ms1mx2.9/44, Error ellipse: s-maj=45.7km s-min=21.8km az=138.0

ISCJB 25 09:00:00.6, 1.5, 34.67N, 0.07, 26.93E, 0.03, h15km, 12km, mb3.6/2, MS3.7/4, Error ellipse: s-maj=11.6km s-min=4.6km az=173.4

CSEM 25 09:00:01.3, 0.4, 34.78N, 26.97E, h2km, ML3.1, Error ellipse: s-maj=11.8km s-min=4.4km az=166.0

ATH 25 09:00:03.3, 34.90N, 26.89E, h18km, 3km, MD3.4/10

THE 25 09:00:04.5, 35.02N, 26.84E, h0km, 2km, ML3.1/1, Error ellipse: s-maj=4.9km s-min=1.1km az=153.0

ISK 25 09:00:07.4, 35.06N, 27.18E, h75km, MD3.6

DDA 25 09:00:15.0, 35.51N, 27.62E, h53km, MD3.7

ISC 25 09:00:00.3, 1.6, 34.70N, 0.06, 26.96E, 0.03, h6km, 10km, n89, 1933/101, MS4.0/4, 1C, Crete

Main table for station 1321, listing station names, coordinates, and observation data for various stations like Zakros, Karpathos, Neapolis, etc.

NEIC 25 09:03:26.3, 51.06N, 179.04W, h26km, ML3.5(AEIC), After AEIC, Andean Islands

Table for NEIC station GALEA, listing station name, coordinates, and observation data.

Table for station 2010 AUG, listing station names like Gareloi East, Tanaga Flats, Tanaga Falls, etc., and their observation data.

NIED 25 09:26:00, 39.50N, 144.30E, h5km, Mw4.4 Best double couple: M=5.22000e+10 N1=150.00000, 828.00000, lambda=115.00000, NP2=357.00000, 865.00000, lambda=77.00000

ISC 25 09:26:10.7, 0.5, 39.28N, 144.52E, h0km, mb4.5/25, mb1 4.6/32, mb1mx4.6/36, mbtmp4.5/32, ML3.4/5, MS3.6/13, Ms1 3.8/13, ms1mx3.4/40, Error ellipse: s-maj=14.6km s-min=1.1km az=125.0

BUI 25 09:26:11.7, 39.41N, 144.31E, h10km, mb4.7/54, MB4.8/36, Ms4.2/36, Ms7.4/35

ISCJB 25 09:26:12.6, 0.8, 39.44N, 0.02, 144.26E, 0.02, h11km, 5km, mb4.6/124, MS3.9/16, Error ellipse: s-maj=4.1km s-min=2.7km az=153.8

NEIC 25 09:26:13.5, 0.2, 39.35N, 144.30E, h10km, mb4.8/68, MW4.4(NIED), Error ellipse: s-maj=7.3km s-min=4.4km az=144.0

MOS 25 09:26:15.6, 1.0, 39.51N, 144.27E, h31km, mb4.8/35, Error ellipse: s-maj=7.7km s-min=3.3km az=99.8

JMA 25 09:26:15.2, 0.2, 39.49N, 144.30E, h50km, M4.6

SZGRF 25 09:26:18.3, 39.74N, 143.42E, h40km, mb4.9, Off east coast of Honshu, Japan

ISC 25 09:26:14.4, 0.5, 39.41N, 0.04, 144.38E, 0.04, h18km, 11km, h28km, PP-P, n340, 1945/373, mb4.7/128, MS3.8/16, 24C-23D, Off east coast of Honshu

Main table for station 2010 AUG, listing station names like Miyakonagasawa, Tanohata, Ofunato, etc., and their observation data.

Main table for station 25d 9h, listing station names like Yuzh-Sakhalins, Yuzh-Sakhalins, Ussuriysk Arr, etc., and their observation data.

25d 9h

Table with columns for call sign, name, frequency, mode, and other details. Includes stations like SONG1, SONG2, SONG3, etc.

2010 AUG

Table with columns for call sign, name, frequency, mode, and other details. Includes stations like PMR, PMR, MCK, MCK, etc.

1322

Table with columns for call sign, name, frequency, mode, and other details. Includes stations like SUMG, SUMG, SUMG, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KSP, KSP, KSP, Liptovska Anna, LANS, LANS, OKC, OKC, OKC, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SJA, San Juan, SJA, SJA, SJA, RTLL, Cerro Villucun, ASAL, Salagasta, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like 0035/11, Jordan - Syria region, TOTH, TOTH, TOTH, etc.

ISC 25 09:51:46.6:1.5, 32.08S:68.42W, h100km, 6km, mb3.6/3, s-maj=37.4km s-min=32.7km az=43.0

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ABTX, X38A, Y35A, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like DBIC, L34A, S22A, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like TORO, MCMT, LRM, etc.

MOS 25 12:02:34.8, 1.2, 22:70S, 68.95W, h59km, mb5.0/23, Error ellipse: s-maj=15.4km s-min=7.0km az=114.0, ISCJB 25 12:02:36.7, 0.3, 22:60S, 0.03:68.98W, 0.04, h78km, 2km, mb4.7/102, Error ellipse: s-maj=6.7km s-min=4.1km

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like LVC, LVC, LVC, etc.

25d 12h

Table with columns: RCBR, Property Name, Address, Coordinates, and Status. Includes entries like Riachuelo, Cabo Rojo, Obispo Ponce, etc.

2010 AUG

Table with columns: PARGO, Property Name, Address, Coordinates, and Status. Includes entries like Parma, Clayton, Marietta, etc.

1326

Table with columns: Q35A, Property Name, Address, Coordinates, and Status. Includes entries like Mercer Eighty, Newby Ranch, Mullinville, etc.

1327 2010 AUG 25d 12h

Q27A	Beecher Island	69.93	333	P	P	12 13 41.3	+0.6
K33A	Hardington	69.94	338	P	P	12 13 40.8	+0.2
N28A	Priobeno Ranch	69.97	334	P	P	12 13 41.8	+0.9
J35A	Milford	70.04	340	P	P	12 13 42.7	+1.6
Q24A	Divide	70.07	331	P	P	12 13 42.0	+0.2
J34A	George	70.20	339	P	P	12 13 42.0	-0.1
L31A	Butterfield Fa	70.21	337	P	P	12 13 42.4	+0.2
MVCO	Mesa Verde	70.27	327	P	P	12 13 44.3	+1.3
MVCO	Mesa Verde	70.27	327	eP	P	12 13 44.0	+1.1
O26A	Horse Wrangler	70.32	333	P	P	12 13 44.5	+1.5
OGNE	Ogallala	70.38	334	P	P	12 13 44.5	+1.2
WUAZ	Wupatki	70.46	324	P	P	12 13 45.7	+1.6
WUAZ	Wupatki	70.46	324	eP	P	12 13 45.8	+1.7
J33A	Davis	70.57	339	P	P	12 13 43.9	-0.4
GLA	Glamis	70.61	320	P	P	12 13 45.8	+0.9
L29A	Maesberg Ranch	70.73	336	P	P	12 13 46.0	+0.6
N26A	Koester Ranch,	70.77	333	P	P	12 13 46.4	+0.6
ECSD	EROS Data Cent	70.82	339	P	P	12 13 45.8	0.0
ECSD	EROS Data Cent	70.82	339	eP	P	12 13 45.7	-0.2
K30A	Basset	70.93	337	P	P	12 13 46.5	-0.1
Y12C	Blythe	70.93	321	P	P	12 13 47.8	+1.1
ISCO	Idaho Springs	70.96	331	eP	pmx	12 13 48.2	+1.0
ISCO	Idaho Springs	70.96	331	P	P	12 13 47.9	+0.7
ISCO	Idaho Springs	70.96	331	eP	P	12 13 48.2	+1.0
SPMN	St. Paul	71.01	342	P	P	12 13 46.8	-0.2
SPMN	St. Paul	71.01	342	eP	P	12 13 45.9	-1.1
SMCO	Imperial Bould	71.08	330	eP	P	12 13 49.4	+1.4
IMBC	Imperial Bould	71.09	319	P	P	12 13 48.5	+0.7
J31A	Geddes	71.15	338	P	P	12 13 47.6	-0.3
K29A	Lazy Trails An	71.27	336	P	P	12 13 49.1	+0.5
I32A	Karley and Nic	71.36	339	P	P	12 13 49.7	+0.6
H34A	Spellman Lake,	71.39	340	P	P	12 13 48.9	-0.4
BC3	Big Chuckawall	71.41	320	P	P	12 13 50.5	+0.7
MONP	Monument Peak	71.45	319	P	P	12 13 50.8	+0.7
J30A	Dallas	71.45	337	P	P	12 13 49.8	+0.1
BAR	Barrett	71.45	319	eP	P	12 13 51.9	+1.9
IRM	Iron Mountain	71.59	321	P	P	12 13 52.4	+1.6
K28A	Ten Mile Ranch	71.62	335	P	P	12 13 51.5	+0.7
M25A	Palm-Eggl Farm	71.63	333	P	P	12 13 52.0	+1.1
H33A	Prehn Over Nor	71.71	340	P	P	12 13 51.2	0.0
L26A	Underwood Farm	71.73	334	P	P	12 13 51.9	+0.4
I31A	Royce, Wessing	71.73	338	P	P	12 13 51.9	+0.6
H32A	Carlson Farm,	71.78	339	P	P	12 13 51.6	0.0
J29A	Okreek	71.83	337	P	P	12 13 52.1	+0.2
I30A	Oacoma	71.94	337	P	P	12 13 53.1	+0.4
PFO	Pinyon Flat Ob	71.97	320	P	P	12 13 54.2	+1.1
PFO	Pinyon Flat Ob	71.97	320	P	pmx	12 13 54.3	+1.1
PFO	Pinyon Flat Ob	71.97	320	P	P	12 13 54.3	+1.1
PFO	Pinyon Flat Ob	71.97	320	eP	P	12 13 55.2	+2.1
BELC	Belle Mtn. Jos	71.97	320	P	P	12 13 54.1	+0.9
N23A	Red Feather La	72.00	331	P	P	12 13 54.2	+0.9
J28A	Allard Ranch,	72.12	337	P	P	12 13 54.7	+0.6
LDFO	Landfair	72.22	322	eP	P	12 13 57.1	+2.5
GMRC	Granite Mounta	72.32	321	P	P	12 13 57.0	+1.7
K26A	Motz Farm, Whi	72.32	334	P	P	12 13 55.9	+0.9
J27A	Elkhorn Farm,	72.33	335	P	P	12 13 56.0	+0.9
I29A	Vivian Onida	72.35	337	P	P	12 13 55.2	+0.2
O20A	White River Ci	72.44	329	eP	P	12 13 56.8	+0.9
O20A	White River Ci	72.44	329	eP	P	12 13 56.9	+1.0
K25A	Mack Ranch, Ha	72.53	334	P	P	12 13 57.4	+1.1
F33A	5 Mile Ranch,	72.60	340	P	P	12 13 56.0	-0.5
I28A	Midland	72.65	336	P	P	12 13 57.4	+0.5
SRU	San Rafael	72.75	327	eP	pmx	12 13 58.9	+1.1
SRU	San Rafael	72.75	327	eP	pmx	12 13 58.9	+1.1
SRU	San Rafael	72.75	327	eP	P	12 13 58.9	+1.1
HEC	Hector,Ludlow	72.75	321	P	P	12 13 59.2	+1.5
J26A	Sides Ranch, S	72.80	335	P	P	12 13 58.9	+1.1
H29A	Onida	72.84	337	P	P	12 13 57.8	-0.2
G30A	Faulkton	72.92	338	P	P	12 13 59.0	+0.7
TUQ	Turquoise Moun	72.94	321	P	P	12 14 00.2	+1.3
K24A	Anderson Ranch	73.01	333	P	P	12 14 00.1	+0.9
I27A	Quinn	73.04	336	P	P	12 14 00.1	+0.8
BFSC	Mount Baldy Ra	73.12	319	P	P	12 14 01.4	+1.4
MSU	Marysville	73.13	326	eP	P	12 14 01.8	+1.7
MSU	Marysville	73.13	326	eP	P	12 14 01.9	+1.7
J25A	Sunshine Ranch	73.15	334	P	P	12 14 00.6	+0.6
H28A	Mission Ridge	73.17	337	P	P	12 13 60.0	0.0
EYMN	Ely	73.19	344	P	P	12 13 59.3	-0.6
EYMN	Ely	73.19	344	eP	P	12 13 59.6	-0.3
G29A	Hoven	73.23	323	P	P	12 14 00.0	-0.2
SHPR	Sheep Range	73.27	338	eP	P	12 14 02.2	+1.3
I26A	New Underwood	73.31	335	P	P	12 14 01.3	+0.4
GSC	Goldstone	73.36	321	eP	pmx	12 14 02.9	+1.6
GSC	Goldstone	73.36	321	P	P	12 14 02.4	+1.1
GSC	Goldstone	73.36	321	eP	P	12 14 02.9	+1.6
K23A	Bowen Ranch, D	73.38	333	P	P	12 14 02.4	+1.0
J24A	Dixon Ranch, L	73.45	334	P	P	12 14 03.2	+1.5
G28A	Parade	73.48	337	P	P	12 14 02.4	+0.6
F30A	Leola	73.48	339	P	P	12 14 02.1	+0.4
H27A	Howes	73.53	336	P	P	12 14 02.5	+0.5
I25A	Rodgers	73.65	335	P	P	12 14 04.2	+1.3
E31A	Nome	73.74	340	P	P	12 14 03.2	0.0
EDW2	Edwards Air Fo	73.76	320	P	P	12 14 04.2	+0.5
RSSD	Black Hills	73.85	335	eP	pmx	12 14 05.0	+0.8
RSSD	Black Hills	73.85	335	eP	pmx	12 14 05.0	+0.8
RSSD	Black Hills	73.85	335	eP	P	12 14 05.0	+0.8
D32A	Dogwood Acres,	73.98	341	P	P	12 14 04.7	+0.1
LRMC	Laurel Mountai	74.00	320	P	P	12 14 06.4	+1.3
E30A	Jud	74.03	339	P	P	12 14 05.2	+0.3
H25A	Fruitdale	74.10	335	P	P	12 14 06.0	+0.6
F28A	McLaughlin	74.10	337	P	P	12 14 05.9	+0.5
G27A	Dupree	74.11	337	P	P	12 14 06.7	+1.2
NLU	North Lily Min	74.17	327	eP	P	12 14 07.4	+1.3
TPNV	Topopah Spring	74.20	322	P	P	12 14 07.9	+1.6
FURC	Furnace Creek,	74.21	322	P	P	12 14 07.6	+1.5
J22A	Midwest	74.27	333	P	P	12 14 07.2	+0.7
G26A	Maurine	74.28	336	P	P	12 14 06.6	+0.1
MPMC	Manual Prospec	74.28	321	P	P	12 14 07.7	+0.8
DAC	Darwin (Callm)	74.49	321	eP	pmx	12 14 09.4	+1.3
DAC	Darwin (Callm)	74.49	321	eP	pmx	12 14 09.4	+1.3
D30A	Buchanan	74.51	339	P	P	12 14 07.8	+0.1
G25A	Newell	74.51	336	P	P	12 14 08.0	+0.2
F27A	Lemmon	74.56	337	P	P	12 14 08.4	+0.4
ISA	Isabella	74.59	320	eP	pmx	12 14 10.3	+1.8
ISA	Isabella	74.59	320	eP	pmx	12 14 10.2	+1.7
ISA	Isabella	74.59	320	eP	P	12 14 10.3	+1.8
J21A	Lysite	74.64	332	P	P	12 14 09.7	+1.0
I22A	9 Mile Ranch,	74.67	333	P	P	12 14 09.3	+0.4
AGMN	Agassiz Nation	74.68	342	P	P	12 14 08.1	-0.5
AGMN	Agassiz Nation	74.68	342	eP	P	12 14 07.8	-0.9
E28A	Huff	74.69	338	P	P	12 14 09.1	+0.3
DUG	Dugway	74.72	327	eP	pmx	12 14 10.6	+1.3
DUG	Dugway	74.72	327	P	P	12 14 10.5	+1.3
DUG	Dugway	74.72	327	eP	P	12 14 10.6	+1.3
D29A	Pettibone, T	74.74	339	P	P	12 14 09.5	+0.4
H23A	Clabough Cattl	74.77	334	P	P	12 14 10.0	+0.6
F26A	Lodgepole	74.78	336	P	P	12 14 10.1	+0.7
R11A	Troy Canyon, C	74.83	324	P	P	12 14 11.6	+1.7
R11A	Troy Canyon, C	74.83	324	eP	P	12 14 11.7	+1.7
GRAC	Grapevine Rang	74.87	322	P	P	12 14 11.5	+1.5
PKM	Peak Mountain	74.88	319	P	P	12 14 11.7	+1.3
CWC	Cottonwood Cre	74.89	321	P	P	12 14 11.6	+1.2
C30A	Mose, Pekin	74.94	340	P	P	12 14 10.6	+0.5
I21A	Big Trails, Te	74.94	332	P	P	12 14 10.7	+0.3
B32A	Ashes, Strandg	74.97	341	P	P	12 14 10.1	-0.1
YES	Vestal, Richgr	75.07	320	P	P	12 14 12.2	+1.1
BW06	Boulder Array	75.12	330	eP	P	12 14 11.9	+0.3
B30A	Gowman	75.14	336	P	P	12 14 12.2	+0.8
HWUT	Hardware Ranch	75.17	328	eP	P	12 14 12.6	+0.7
H22A	Clemon	75.18	333	P	P	12 14 12.6	+0.8
E26A	Carlson Angus	75.23	337	P	P	12 14 12.5	+0.6
SMMC	Simler	75.26	319	P	P	12 14 13.5	+1.2
J19A	Crowheart	75.28	331	P	P	12 14 13.3	+0.8
SYO	Syowa Base	75.40	159j	eP	P	12 14 11.9	-0.7
SYO	Syowa Base	75.40	159j	eP	pP	12 14 13.1	-1.7
I20A	Worland	75.42	332	P	P	12 14 13.8	+0.7
MDND	Maddock	75.43	339	P	P	12 14 13.7	+0.7
MDND	Maddock	75.43	339	eP	P	12 14 13.2	+0.3
D27A	Center	75.44	338	P	P	12 14 13.7	+0.6
H21A	Big Horn, Sher	75.50	333	P	P	12 14 13.6	+0.1
B30A	Myrvik Farm, E	75.56					

25d 12h

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations like MESJ, PVAQ, MAW, etc.

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Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like USRK, MJAR, MAJO, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like POFI, POFI, MGAB, etc.

ISCJB 25 12:36:08.1-0.7, 6.89S; 0.06-129.90E; 0.07, h104km, mb3.9/2, Error ellipse: s-maj=10.9km s-min=8.0km az=20.5

AUST 25 12:36:09.8-0.0, 6.87S; 130.02E, h108km, Error ellipse: s-maj=1.5km s-min=0.9km az=291.0

ICC 25 12:36:09.8-2.2, 6.97S; 130.08E, h136km, 23km, mb3.7/2, mb1 3.6/7, mb1mx3.3/37, mbmtpp4.0/7, Error ellipse: s-maj=36.9km s-min=19.7km az=94.0

ISC 25 12:36:09.3-0.8, 6.85S; 0.07-130.01E; 0.08, h104km, n16, e180/15, Banda Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like FAKI, MTN, SIJI, etc.

CSEM 25 12:36:34.7, 42.52N; 13.24E, h11km, MD2.6/6, ROM 25 12:36:34.7-0.1, 42.52N; 13.24E, h11km, 1km, Md2.2/6, az=82.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like SMA1, SMA1, T0104, etc.

ICC 25 12:45:50.3-0.1, 14.76S; 169.12E, h0km, mb3.5/3, mb1 3.8/3, mb1mx3.5/27, mbmtpp3.5/3, MS3.0/1, Ms1 3.0/1, ms1mx2.5/24, Error ellipse: s-maj=292.7km s-min=34.4km az=143.0, Vanuatu Islands

WRA Warramunga Arr 33.56 256 P Pg 12 52 38.4 +0.7

ASAR Alice Springs 34.34 250 P Pg 12 52 38.4 -0.7

MJAR Matsushiro Arr 58.78 331 LR LR 13 19 08.5

ILAR Eielson Array 86.01 17 P P 12 52 38.2 0.0

ICC 25 12:48:23.1-9.4, 54.08N; 159.51E, h0km, Error ellipse: s-maj=94.8km s-min=32.6km az=49.0, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like I44RU, PETK, I45RU, etc.

25d 15h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like SONMG Songo Array, PETK Petropavlovsk, MK31 Makanchi Array, etc.

ISC 25 14:05:48.7, 37.44N, 28.10E, h13km, MD2.7
ISCJB 25 14:05:49.3, 37.43N, 02.28.11E, 0.03, h0km, Error ellipse: s-maj=3.6km s-min=3.3km az=16.3

CSEM 25 14:05:49.6, 0.2, 37.43N, 28.11E, h1km, MD2.5, Error ellipse: s-maj=4.2km s-min=4.1km az=148.0, Mining explosion.

DDA 25 14:05:49.7, 37.41N, 28.12E, h7km, MD2.5
ISC 25 14:05:49.2, 0.7, 37.45N, 0.02, 28.14E, 0.02, h0km, n28, -092.45, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like AYDN Tasoluk, YER Yerkesik, ZYV Zeytinokoy-Aydi, etc.

IDC 25 14:23:21.9, 6.0, 1.00S, 100.24E, h0km, mb3.2/3, mb1 3.4/3, mb1mx3.2/3, mbtmp3.2/3, Error ellipse: s-maj=313.1km s-min=27.5km az=53.0, Southern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like H0S2 Diego Garcia H, H0S3 Diego Garcia H, WRA Warramunga Arr, etc.

ISCJB 25 14:28:19.1, 1.0, 12.54N, 0.07, 125.1E, 0.1, h44km, mb3.7/5, Error ellipse: s-maj=18.9km s-min=7.1km az=153.3

MAN 25 14:28:20.1, 12.50N, 124.99E, h39km, mb4.7, ML3.6, MS3.5
IDC 25 14:28:22.3, 1.4, 11.72N, 125.48E, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.5/40, mbtmp3.7/5, Error ellipse: s-maj=140.9km s-min=22.7km az=74.0

ISC 25 14:28:21.0, 1.2, 12.52N, 0.07, 125.0E, 0.1, h44km, n18, -0998/12, mb3.6/5, 3C, Samar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like PLP Palo, PVCP Virac, OCLP Ormoc, etc.

IDC 25 14:36:34.5, 1.1, 51.54N, 177.74E, h0km, mb3.7/8, mb1 3.9/8, mb1mx3.7/28, mbtmp3.7/8, MS2.4/1, Ms1 2.4/1, ms1mx2.1/54, Error ellipse: s-maj=33.5km s-min=24.3km az=16.0

ISCJB 25 14:36:42.0, 0.8, 51.71N, 0.1, 177.79E, 0.09, h70km, gkm, mb3.6/10, Error ellipse: s-maj=16.8km s-min=9.1km az=6.5

NEIC 25 14:36:43.4, 51.61N, 177.88E, h54km, mb3.9/2, ML3.8(AEIC), After AEGC

ISC 25 14:36:42.6, 1.5, 51.61N, 0.1, 177.74E, 0.09, h60km, n13km, n39, -0569/37, mb3.7/10, Rat Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like LSSA Little Sitkin, LSNW Little Sitkin, LSPA Little Sitkin, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like CEAP Semis' Anvil P, GERRA Semis' Rag'd T, GALAA Gareloi Lav'd P, etc.

ISC 25 15:00:32.9, 1.0, 67.16N, 0.03, 21.16E, 0.05, h0km, n30, -01913/43, Sweden

ISC 25 15:00:32.2, 0.9, 67.16N, 0.03, 21.16E, 0.05, h0km, n30, -01913/43, Sweden

ISC 25 15:00:32.2, 0.9, 67.16N, 0.03, 21.16E, 0.05, h0km, n30, -01913/43, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like DAWY Dawson Island, H1N2 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, etc.

TRN 25 14:53:13.6, 17.08N, 62.27W, h14km, MD4.1, M3.5(FDF), 7C, Leeward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like MBWH Mowee, MBGG Mowee, MLYT Lee's Yard, etc.

NEIC 25 14:54:19.0, 37.46N, 117.53W, h7km, ML3.6(REN), After REN, California-Nevada border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like DAC Darwin (Calif), R11A Troy Canyon, WAKR Walker, etc.

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mb1mx2.9/55, mbtmp2.9/4, ML2.4/4, Error ellipse: s-maj=15.6km s-min=8.1km az=111.0
CSEM 25 15:00:32.0, 3.0, 67.16N, 0.03, 21.16E, 0.05, h0km, ML2.0, Error ellipse: s-maj=7.3km s-min=5.0km az=79.0, Suspected Mining explosion.

BER 25 15:00:34.5, 2.5, 67.10N, 0.2, 21.19E, h0km, ML1.9, Suspected explosion

ISC 25 15:00:32.9, 1.0, 67.16N, 0.03, 21.16E, 0.05, h0km, n30, -01913/43, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like ERTU Ertisaerv, ERTU Ertisaerv, HEF Hetta, etc.

ISC 25 15:00:32.9, 1.0, 67.16N, 0.03, 21.16E, 0.05, h0km, n30, -01913/43, Sweden

ISC 25 15:00:32.9, 1.0, 67.16N, 0.03, 21.16E, 0.05, h0km, n30, -01913/43, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like KIF Kilpisjarvi, KIF Kilpisjarvi, KIF Kilpisjarvi, etc.

ISC 25 15:09:01.9, 1.0, 12.16N, 141.33E, h0km, mb3.6/5, mb1 3.8/6, mb1mx3.6/42, mbtmp3.6/6, ML3.6/1, Error ellipse: s-maj=26.9km s-min=21.9km az=82.0, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like GUMO Guam, GUMO Guam, WRA Warramunga Arr, etc.

SFS 25 15:16:11.0, 0.7, 37.17N, 14.50W, h0km, ML5.1
MDD 25 15:16:13.0, 1.0, 8.37N, 171.17W, h37km, mb5.2/46, Error ellipse: s-maj=10.5km s-min=5.4km az=126.0, PRXIMO

IGL 25 15:16:14.9, 37.05N, 14.62W, h50km, ML4.0
LDG 25 15:16:15.0, 2.3, 37.30N, 14.44W, h10km, M4.0/13, Error ellipse: s-maj=4.5km s-min=3.5km az=45.0

INMG 25 15:16:16.1, 2.2, 37.10N, 14.67W, h10km, MD3.8, ML3.9, Error ellipse: s-maj=6.5km s-min=2.6km az=127.0

IDC 25 15:16:17.8, 3.3, 37.29N, 13.88W, h0km, mb3.7/1, mb1 4.1/3, mb1mx3.4/38, mbtmp3.9/3, ML5.5/1, MS3.2/1, Ms1 3.2/1, ms1mx2.2/38, Error ellipse: s-maj=136.8km s-min=38.5km az=128.0

CSEM 25 15:16:18.2, 0.3, 37.38N, 13.95W, h10km, ML4.6/14, Error ellipse: s-maj=6.5km s-min=5.3km az=67.0

CNRN 25 15:16:20.5, 37.33N, 13.75W, h30km, MD4.0
ISC 25 15:16:15.3, 1.6, 37.37N, 0.06, 14.1W, 0.1, h10km, n271, -01985/434, 5C-1D, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like PMST Lisbon-Monsan, PMST Lisbon-Monsan, PMAFR Mafra, etc.

ISCJB 25 15:00:31.3, 0.7, 67.16N, 0.03, 20.9E, 0.1, h0km, Error ellipse: s-maj=7.2km s-min=4.0km az=176.2

HEL 25 15:00:31.8, 0.1, 67.19N, 20.66E, h1km, ML2.0, Suspected explosion
IDC 25 15:00:32.2, 0.9, 67.16N, 0.03, 20.9E, h0km, mb1 3.0/4,

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Table with columns for station name, frequency, power, and other technical details. Includes stations like Vila Bisbo, Porto Santo, and Casimiro, Conde.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Porto Moniz, Funchal, and Casimiro, Conde.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Braganca, Calabor, and Casimiro, Conde.

25d 15h

Table with columns: ZFT, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Errachidia, Torette, Tobarra, Lanestosa, Beniarada, Mosqueruela, Uxciti, Uxteti, Elzondo, Eparoz, Alkuruntz, Elcoad, Aspart, Sigues, San Caprasio, Ste Jean, and many others.

Table with columns: CSOR, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Sort, Miracle, Salu, Quistinic, Livlia, Fontmartina, La Frestale, Rostrene, Saint Gilles, Saint Martin, Les Rejaudoux, Calviac, Gorron, Toulx Ste Croi, La Foliniere, La Druitiere, Ste Croix, Signal de Mont, Lormes, Torodi Ar. Bea, and Aktyubinsk.

DJA 25 15:32:13.9.0.6.8'S:4.4*107E, h26km, M3.7/9, ML3.7/9

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Cisompot, Cibinong, Cimerak, Lembang, Sukubi, and Cibinong.

ISCJB 25 15:32:47.8.0.5.6.7:18N.0.03:20.6E:0.1, h0km, Error ellipse: s-maj=7.3km s-min=3.7km az=22.6

CSEM 25 15:32:49.2.0.2.6.7:19N.20.71E, h2km, ML2.2, Error ellipse: s-maj=5.4km s-min=3.4km az=109.0, Suspected Mining explosion.

NAO 25 15:32:49.1.0.8.6.7:18N.20.85E, ML2.4, HEL ML2.2(UPP), Suspected explosion

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Masugnaby, Kuravaara, Ertjaer, and Ertjaer.

Table with columns: PAJU, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Pajala, Hetta, Kilpisjarvi, Rovaniemi, Burvik, Svanoeiden, Oulu, ARCES Array S, Umeaa, Kevo, Maaselka, HUSU, Rieikki, Apatty Array, FINESS Array S, NORRAR Subarra, and Hagfors.

ISCJB 25 15:34:54.9.0.5.6.7:04N.0.03:20.92E:0.08, h0km, Error ellipse: s-maj=4.8km s-min=3.5km az=27.0

CSEM 25 15:34:56.8.0.3.6.7:13N.20.82E, h2km, ML2.0, Error ellipse: s-maj=6.9km s-min=5.7km az=91.0, Suspected Mining explosion.

HEL 25 15:34:57.0.3.6.7:18N.20.69E, h1km, ML2.0, Suspected explosion

NAO 25 15:34:57.2.1.2.6.7:15N.20.83E, ML2.4, IDC 25 15:34:57.9.1.0.6.7:14N.20.94E, h0km, mb1 3.0/4, mb1mx2.9/36, mbtmp3.0/4, ML2.6/4, Error ellipse: s-maj=16.1km s-min=8.7km az=112.0

BER 25 15:35:00.2.3.4.6.7:18N.20.83E, h0km, ML1.9, ML2.4(NAO), Suspected explosion

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Ertjaer, Hetta, and Spitsbergen Ar.

25d 17h

Table with columns: Call sign, Frequency, Mode, Power, and other technical details for stations in the 25d 17h region.

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Table with columns: Call sign, Frequency, Mode, Power, and other technical details for stations in the 2010 AUG region.

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Table with columns: Call sign, Frequency, Mode, Power, and other technical details for stations in the 1336 region.

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H11N1	WAKE ISLAND Hy 64.32 277	T	T	18 40 21.9
baz=58,slow=75,SNR=78				
H11S1	WAKE ISLAND Hy 65.10 275	T	T	18 41 20.6
baz=58,slow=75,SNR=50				
H11S2	WAKE ISLAND Hy 65.10 275	T	T	18 41 21.0
baz=58,slow=75,SNR=45				
H11S3	WAKE ISLAND Hy 65.11 275	T	T	18 41 21.5
baz=58,slow=75,SNR=19				
SONM1	Songino Array 86.52 330	P	P	17 32 42.7 +0.3
0.3nm,0.8s,baz=18,slow=5.2,SNR=1.6				

IDC 25 17:20:48.5+4.0,31.55Sx178.35W,h0km,mb3.6/2, mb1 3.9/3,mb1mx3.7/22,mbtmp3.7/3,ML4.3/1, Error ellipse: s-maj=104.8km s-min=33.2km az=134.0, Kermadec Islands region

Code	Station Name	Δ° AZ°	Phase ID	Time Res
ISC	h m s	ISC		
RAO	Raoul Island	2.32 9	Pn	17 21 28.8 +0.9
85nm,0.3s,baz=235,slow=23,SNR=4.1				
RAO	Alice Springs	42.76 268	P	17 28 47.4 -0.6
0.4nm,0.6s,baz=106,slow=7.2,SNR=13				
WAR	Warramunga Arr	43.85 274	P	17 28 57.2 +0.4
0.5nm,0.3s,baz=112,slow=7.9,SNR=18				
FINES	FINES Array B	146.11 309	PKPbc	17 40 28.4 -0.5
2.0nm,0.8s,baz=66,slow=3.3,SNR=9.2				

WEL 25 17:39:08.0+5.38,55Sx175.73E,h167km,4km,ML3.7/16, 12C-3D, Error ellipse: s-maj=1.8km s-min=1.8km az=90.0, North Island

Code	Station Name	Δ° AZ°	Phase ID	Time Res
ISC	h m s	ISC		
WATZ	Wairara	0.16 179	PN	17 39 30.0 -0.2
TLZ	Tolley Road	0.26 325	PN	17 39 30.4 -0.1
TLZ	Rihia Road	0.44 167	PN	17 39 30.9 -0.1
OTZV	Oturere	0.62 185	SN	17 39 31.8 -1.1
NGZ	Ngauruhoe	0.64 189	PN	17 39 32.0 -0.1
COVZ	Chateau Observ	0.67 193	PN	17 39 32.0 -0.2
WPVZ	Whakapapa	0.67 192	PN	17 39 32.1 -0.1
HUZ	Hauiti	0.69 272	PN	17 39 32.1 0.0
FWWZ	Far West T-bar	0.72 191	PN	17 39 32.2 -0.4
TIZZ	Tukino	0.72 185	PN	17 39 32.5 -0.1
DRZ	Dome Shelter	0.74 190	PN	17 39 32.8 -0.1
WHVZ	Whangaehu Hut	0.74 189	PN	17 39 32.3 -0.4
TRVZ	Turoa	0.77 191	PN	17 39 32.8 -0.1
WHVZ	Whianoa	0.79 187	PN	17 39 32.8 -0.2
BKZ	Black Stump Fm	0.86 136	PN	17 39 33.0 -0.3
BKZ	Moawhango	0.86 179	PN	17 39 32.9 -0.4
VRZ	Vera Road	0.95 232	PN	17 39 33.9 0.0
BHHZ	Black Hill Sta	0.96 165	PN	17 39 33.8 -0.4
NMHZ	Naumai	1.00 124	PN	17 39 35.0 +0.5
KWHZ	Kaweka Forest	1.03 149	PN	17 39 34.5 -0.1
URZ	Urewera	1.12 76	PN	17 39 34.5 -0.7
URZ	Araru	1.12 110	PN	17 39 35.6 +0.3
MGHZ	McNeill Hill	1.17 140	PN	17 39 36.0 -0.1
RAHZ	Kereru	1.20 156	PN	17 39 36.9 +0.1
ARHZ	Aropaanui	1.22 126	PN	17 39 36.5 +0.4
SNHZ	Shannon Statio	1.28 101	PN	17 39 36.9 +0.1
WHHZ	Waihua	1.29 115	PN	17 39 37.0 +0.2
RAGZ	Rawiri	1.32 98	PN	17 39 36.9 -0.3
WAZ	Wangui	1.38 129	PN	17 39 37.1 -0.1
LREZ	Lake Rotokare	1.38 228	PN	17 39 38.2 +0.6
PNHZ	Penukeni	1.41 165	PN	17 39 37.7 -0.2
MWZ	Matawai	1.43 82	PN	17 39 37.7 -0.4
MWZ	Takapari Road	1.52 173	PN	17 40 10.5
TSZ	Cape Kidnapper	1.53 137	PN	17 40 07.7 -0.3
TSZ	Kahurangi	1.53 145	PN	17 40 02.7
CKHZ	Cape Kidnapper	1.53 137	PN	17 39 39.3 +0.3
KAHZ	Kahurangi	1.53 145	PN	17 39 39.3 +0.2
KNZ	Kokohu	1.59 108	PN	17 39 39.6 0.0
PHZ	Pihoua	1.61 96	PN	17 39 39.0 -0.1
WPHZ	Waipukurau	1.61 160	PN	17 39 39.7 -0.2
TKGZ	Te Karaka	1.67 87	PN	17 39 40.7 -0.2
PXZ	Pawanui	1.72 150	PN	17 39 40.8 +0.2
PXZ	Dannevirke	1.78 169	PN	17 39 41.0 -0.7
HABZ	Te Kaha	1.80 65	PN	17 39 41.2 +0.3
MGHZ	Mahia Peninsula	1.80 110	PN	17 39 42.2 +0.3
THWZ	Tauwhareparea	1.81 79	PN	17 39 42.3 +0.7
POWZ	Post Office Rm	1.84 173	PN	17 39 42.2 -0.3
PRHZ	Porangahau	1.86 158	PN	17 39 42.2 -0.3
ANWZ	Angora Road	2.00 163	PN	17 39 43.7 -0.3
PRWZ	Poriri Road	2.02 175	PN	17 39 43.6 -0.6
MRZ	Mangatainokua R	2.12 183	PN	17 39 44.3 -1.1
MRZ	Birch Farm	2.17 170	PN	17 39 44.3 -0.6
BFZ	BFZ	2.24 72	PN	17 40 14.3
TFWZ	Tintock	2.23 277	PN	17 40 16.1
TIWZ	TIWZ	2.25 177	PN	17 40 16.1
TIWZ	TIWZ	2.25 177	PN	17 40 16.1
WMGZ	Waioomatatini S	2.24 72	PN	17 39 46.3 +0.5
OGWZ	Otagi Gorge	2.31 191	PN	17 39 46.5 -1.1
HOWZ	Holdswoorth Sta	2.35 184	PN	17 39 46.7 -1.5
KIWZ	Kapiti Island	2.40 195	PN	17 39 47.2 -1.4
KIWZ	Kapiti Island	2.40 195	PN	17 40 17.9
TMWZ	Te Maipa	2.56 177	PN	17 39 49.3 -1.3
CAWZ	Cannon Point	2.61 191	PN	17 39 49.5 -1.6
CAWZ	CAWZ	2.61 191	PN	17 40 22.6
MTWZ	Mount Morrison	2.62 184	PN	17 39 49.6 -1.7
MTWZ	MTWZ	2.62 184	PN	17 40 23.1
MTWZ	MTWZ	2.62 184	PN	17 40 23.5
DUWZ	D'Urville Isla	2.65 211	PN	17 39 50.1 -1.6
WEL	Wellington	2.83 195	PN	17 39 52.0 -1.9
PAWZ	Paruawai Farm	2.84 185	PN	17 39 52.2 -1.8
PAWZ	PAWZ	2.84 185	PN	17 40 27.5
TRWZ	Traveller	2.85 181	PN	17 39 52.4 -1.7
TRWZ	TRWZ	2.85 181	PN	17 40 27.7
TRWZ	TRWZ	2.85 181	PN	17 40 28.3
MSWZ	Moikau Station	2.89 187	PN	17 39 52.6 -2.0
MSWZ	MSWZ	2.89 187	PN	17 40 27.7
MSWZ	MSWZ	2.89 187	PN	17 40 28.1
TCWZ	Tory Channel	2.89 202	PN	17 39 52.8 -1.7
TCWZ	TCWZ	2.89 202	PN	17 40 28.2
TCWZ	TCWZ	2.89 202	PN	17 40 28.2
PLWZ	Baring Head	2.93 193	PN	17 39 53.2 -2.0
PLWZ	Palliser	3.04 187	PN	17 39 54.3 -2.2
TUWZ	Tuamarina	3.19 205	PN	17 39 56.1 -2.1
TUWZ	TUWZ	3.19 205	PN	17 40 34.8
TUWZ	TUWZ	3.19 205	PN	17 40 35.4
NWZ	Nelson	3.22 213	PN	17 39 56.6 -2.1
QRZ	Quartz Range	3.36 226	PN	17 39 58.0 +2.5
BSWZ	Blackbirch Sta	3.47 204	PN	17 39 59.9 -1.9
THZ	Topohouse	3.88 213	PN	17 40 04.5 -2.6
KHZ	Kahutara	4.21 203	PN	17 40 09.1 -2.2
LTYZ	Lake Taylor	4.98 211	PN	17 40 18.0 -3.4
OKZ	Oxford	5.53 202	PN	17 40 42.4 -4.6
CRZ	Canterbury Las	5.55 204	PN	17 40 24.8 -3.9
MLZ	McQueen's Vall	5.66 203	PN	17 40 25.8 -4.3

KRSC 25 17:46:17.4+1.8,49.12N;156.67E,h15km,29km,ML4.3, Kuril Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res
ISC	h m s	ISC		
SKR	Severo-Kuril's	1.61 347	eP	17 46 45.2 -0.1
SKR	SKR	1.61 347	eP	17 47 04.9 -0.9
PAU	Pauzhetka	2.35 2	eS	17 46 57.6 -2.0
PAU	PAU	2.35 2	eS	17 47 26.2 +2.0
PAU	PAU	2.35 2	eS	17 47 56.9 +4.0
RUS	Russkaya	3.52 19	eS	17 47 14.3 -3.3
RUS	RUS	3.52 19	eS	17 47 56.8 +3.9
APC	Apacha	3.83 4	eS	17 47 19.6 +3.8
UGLZ	Uglovaya	4.32 17	eP	17 47 26.8 +4.1

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AVH	Avacha	4.35 17	eP	Pn	17 47 27.2 +4.0
SMAR	Somma	4.36 17	eP	Pn	17 47 27.7 +4.2
KRER	Koryakskii	4.39 16	eP	Pn	17 47 27.5 +3.6
SDLR	Sedlovina	4.39 18	eP	Pn	17 47 27.2 +3.4
KRX	Arak	4.43 16	eP	Pn	17 47 28.6 +4.4
SPN	Mys Shipunski	4.51 27	eP	Pn	17 47 30.3 +5.1
SPN	SPN	4.51 27	eS	Pn	17 49 23.7 +6.3
GNL	Ganally	4.65 9	eS	Pn	17 47 30.8 +3.5
MKZ	Mys Kozlova	6.28 28	eP	Pn	17 47 52.8 +3.3
KZV	Kizimen	6.41 19	eP	Pn	17 47 56.7 +5.3
TUMR	Tumrok	6.53 18	eS	Pn	17 47 57.6 +4.5
KBTR	Krutoberegovo	8.02 25	eP	Pn	17 48 16.8 +3.4

CSEIM 25 17:46:17.9+0.3,36.91N;26.53E,h2km,ML2.7, Error ellipse: s-maj=6.5km s-min=4.5km az=24.0
DDA 25 17:46:17.3,36.88N;26.57E,h7km,MD3.0
ISK 25 17:46:17.6,36.75N;26.48E,h18km,MD3.0
THE 25 17:46:18.9,36.88N;26.59E,h31km,6km,ML2.7/4, Error ellipse: s-maj=6.1km s-min=0.6km az=172.0
ISC 25 17:46:18.1+1.2,36.86N;0.04;26.53E;0.03,h23km,15km, n24, r140/45, Dodecanese Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	
ISC	h m s	ISC			
NIS1	Nisyros Isl.	0.58 116	eP	Pb	17 46 29.4 -0.1
NIS1	NIS1	0.58 116	eS	Pb	17 46 38.4 +0.9
NIS1	Nisyros Isl.	0.58 116	eS	Pb	17 46 29.5 -0.1
NIS1	NIS1	0.58 116	eS	Pb	17 46 29.2 -0.6
NIS1	Nisyros Isl.	0.58 116	eS	Pb	17 46 29.5 -0.1
NIS1	NIS1	0.58 116	eS	Pb	17 46 30.0 +0.6
BDRM	Kayabasi	0.76 74	iP	Pb	17 46 32.2 -0.5
BDRM	BDRM	0.76 74	iP	Pb	17 46 41.9 -0.5
BDRM	Kayabasi	0.76 74	iP	Pb	17 46 41.9 -0.5
APB	Apeiranthos	0.83 285	eP	Pb	17 46 34.1 +0.3
APB	APB	0.83 285	eS	Pb	17 46 46.1 +0.1
APB	Apeiranthos	0.83 285	eS	Pb	17 46 34.0 +0.2
APB	APB	0.83 285	eS	Pb	17 46 45.9 0.0
APB	Apeiranthos	0.83 285	eS	Pb	17 46 45.9 0.0
SMG	Samos	0.88 16	eP	Pb	17 46 33.6 -1.2
SMG	SMG	0.88 16	eS	Pb	17 46 45.0 -1.1
SMG	Samos	0.88 16	eS	Pb	17 46 33.6 -1.2
SMG	SMG	0.88 16	eS	Pb	17 46 45.0 -1.1
GCAM	G?zelcaml?	1.01 34	iP	Pb	17 46 45.9 -0.4
GCAM	G?zelcaml?	1.01 34	iP	Pb	17 46 45.9 -0.4
GCAM	G?zelcaml?	1.01 34	iP	Pb	17 46 36.8 0.0
GCAM	GCAM	1.01 34	iP	Pb	17 46 49.9 -0.4
AYDN	Tasoluk	1.34 53	iP	Pb	17 46 42.2 +0.4
AYDN	AYDN	1.34 53	iP	Pb	17 47 03.4 -0.4
AYDN	Tasoluk	1.34 53	iP	Pb	17 47 03.4 -0.4
AYDN	AYDN	1.34 53	iP	Pb	17 47 03.4 -0.4
ZER	Zmir	1.38 359	iP	Pb	17 46 42.7 -0.4
ZER	ZER	1.38 359	iP	Pb	17 47 02.8 +2.5
YER	Yerkesik	1.43 78	eP	Pb	17 46 44.3 +0.2
YER	YER	1.43 78	eS	Pb	17 47 03.9 +2.0
YER	Yerkesik	1.43 78	eS	Pb	17 47 03.9 +2.0
YER	YER	1.43 78	eS	Pb	17 47 03.9 +2.0
URLA	Izmir	1.50 2	iP	Pb	17 46 45.1 -0.2
URLA	URLA	1.50 2	iP	Pb	17 47 06.3 +2.4
URLA	Izmir	1.50 2	iP	Pb	17 46 45.1 -0.2
URLA	URLA	1.50 2	iP	Pb</	

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include FAKI, TTSI, KAPI, KDU, KNRA, LEM, LEM, FITZ, FITZ, JOW, PMG, WRA, QIS, PSI, ASAR, MEEK, KSRS, DZM, SONM, MKAR, ZALV, BRTR, FINES, TORD.

IGQ 25 20:31:08.11.3,34S,79.92W, h10km,84km, Mb4.1, 2C-1D, Error ellipse: s-maj=10.6km s-min=9.1km az=12.0, Near coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include RIOE, IGUA, BMAS, ARRY, PAT1, EPAT, RETU, PULB, BISA, PAST, BMOR, MOVI, CAMI, BREF, NASZ, TAMB, BTAN, BVC2, VC1, COV1, PITA, ANTI, JJJT, TERV, GGP, YANO, OTAV, CAYA, COTA.

ICD 25 20:38:09.4:3.7, 713S, 150.12E, h0km, mb2.9/1, mb1 3.6/3, mb1mx3.3/1, mbtmp3.4/3, ML3.8/1, Error ellipse: s-maj=118.4km s-min=47.6km az=123.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PMG, WRA, ASAR, TORD.

ISCJB 25 20:51:49.0:4.0, 8.16, 49N, 0:05:99:02W, 0:03, h29km, 6km, s-min=4.8km, az=10.2

NEIC 25 20:51:49.1:1.1, 6.55N, 98:97W, h12km, 8km, mb4.1/1.5, Error ellipse: s-maj=15.9km s-min=6.1km az=194.0

MEX 25 20:51:50.4:0.6, 16:45N, 99:07W, h9km, 8km, MD4.2, ICD 25 20:51:51.7:2.0, 17:28N, 98:83W, h0km, mb4.1/1.5, mb1 4.1/9, mb1mx3.8/5, mbtmp3.8/9, ML3.5/4, MS3.2/6, Ms1 3.2/6, ms1mx2.9/26, Error ellipse: s-maj=44.4km s-min=17.6km az=15.0

ISC 25 20:51:48.5:1.3, 16.55N, 0:05:99:03W, 0:04, h12km, 9km, n52, f138/73, mb4.2/1.5, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include ACX, WRA, ASAR, TORD, ISCJB, NEIC, MEX, ISC, ACX, CNIG, PNIG, TLIG, CAIG, MEIG, PLIG, VHO, OXX, YAI, YAI, YAI, YAI, ARCS, FINES, TPIG, TPIG, TPIG.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PPM, PPM, PPM, PPM, UNM, UNM, CMIG, CMIG, TEIG, TEIG, LPIG, LPIG, TXAR, TXAR, JTS, JTS, MSTX, MSTX, WMOK, WMOK, AMTX, AMTX, MIAR, MIAR, ANMO, ANMO, ANMO, ANMO, WUAZ, WUAZ, MVCO, MVCO, LDFC, LDFC, SMCO, SMCO, ISCO, ISCO, SRU, SRU, MSU, MSU, R11A, R11A, NVAR, NVAR, BVU, BVU, ELK, ELK, LOHW, LOHW, SCHO, SCHO, SCHO, SCHO, YKA, YKA, INK, INK, IWR, IWR, WRA, WRA.

NIED 25 20:54:00.34:90N, 137:40E, h38km, Mw3.9 Best double couple: M8.800000-1.04, NP1=155.00000, 617.00000, lambda=149.00000, NP2=35.00000, 681.00000, lambda=75.00000

ICD 25 20:54:28.7:0.9, 35:02N, 137:32E, h34km, 4km, mb3.5/10, mb1 3.6/13, mb1mx3.5/41, mbtmp3.7/13, ML3.5/2, MS3.0/5, Ms1 3.0/5, ms1mx2.6/34, Error ellipse: s-maj=23.9km s-min=17.8km az=64.0

JMA 25 20:54:28.7, 34:94N, 137:38E, h39km, M4.0 Broadband fault plane solution: P waves, NP1=42.00000, 673.00000, lambda=59.00000, NP2=160.00000, 632.00000, lambda=160.00000, Principal axes: T P1g28.00000, lambda=160.00000, N P1g30.00000, Azm216.00000, P1g47.00000, Azm344.00000

JMA Felt II, I, ISC 25 20:54:28.3:0.7, 34:92N, 137:38E, 0:04, h33km, 2km, n28, f190/38, mb3.6/10, 5C, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include TK04, SHZ3, SHZ3, JIE, TSUJ, TSUJ, JGM, JGM, JGM, TK02, TK02, JYN, JKN2, TTO2, JIZS, JZS, MAT, MAT, MJAR, MJAR, JHU, JHU, JHU, JHU, JNU, JNU, KSRS, KSRS, USRK, USRK, USRK, USRK, SONM, YAK, YAK, ZALV, ZALV, MKAR, MKAR, KURBB, KURBB, KURBB, WRA, WRA, AKTO, AKTO, AKTO, ARCS, ARCS, FINES, FINES, FINES, FINES.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include RABL, PMG, PMG, PMG, PMG, MANU, HNR, JAY, JAY, COEN, COEN, MTA, MTA, CTAO, QIS, EIDS, EIDS, MTN, GUMO, GUMO, GUMO, RMQ, WRA, WRA, WRA, QLP, DZM, DZM, DZM, KNRA, LBMI, AS01, AS01, AS12, AS12, ASAR, ASAR, ASAR, ASAR, ARMA, ARMA, ARMA, CMSA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include NOA, GERES, ATH, ISCB, CSEM, DDA, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include NIS1, NIS1, ARG, ARG, ARG, ARG, KARP, KARP, KARP, KARP, BDRM, BDRM, BDRM, BDRM, TURN, TURN, TURN, TURN, NPS, NPS, NPS, NPS, LAST, LAST, LAST, LAST, GOLH, GOLH, GOLH, GOLH, IDI, IDI, IDI, SIVA, SIVA, GVD, GVD, GVD, GVD, KYTH, KYTH.

ICD 25 21:09:02.3:0.6, 6:10S, 150:29E, h0km, mb4.5/16, mb1 4.6/17, mb1mx4.5/28, mbtmp4.5/17, ML3.0/1, MS3.7/18, Ms1 3.7/18, ms1mx3.6/33, Error ellipse: s-maj=18.2km s-min=11.9km az=103.0

NEIC 25 21:09:06.0:0.9, 6:04S, 150:31E, h27km, 6km, mb5.0/22, Error ellipse: s-maj=9.2km s-min=6.3km az=101.0

ISCJB 25 21:09:07.0:3.6, 6:05S, 150:31E, 0:05, h48km, mb4.8/41, MS3.7/15, Error ellipse: s-maj=7.8km s-min=4.4km az=18.3

AUST 25 21:09:09.0:7.2, 6:21S, 150:39E, h62km, 7km, Error ellipse: s-maj=9.2km s-min=6.8km az=82.0

DJA 25 21:09.16:7.1, 6:5S, 15:0E, h80km, 10km, M5.7/24, mb4.9/24, mb5.2/3, MLV6.2/1, Mw(mB)4.7/3

ISC 25 21:09:08.7:0.4, 6:06S, 0:06:150:34E, 0:07, h48km, n125, f158/127, mb4.8/41, MS3.8/41, MS3.3D, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include RABL, PMG, PMG, PMG, PMG, MANU, HNR, JAY, JAY, COEN, COEN, MTA, MTA, CTAO, QIS, EIDS, EIDS, MTN, GUMO, GUMO, GUMO, RMQ, WRA, WRA, WRA, QLP, DZM, DZM, DZM, KNRA, LBMI, AS01, AS01, AS12, AS12, ASAR, ASAR, ASAR, ASAR, ARMA, ARMA, ARMA, CMSA.

Table with columns: CTA, Charters Tower, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes entries for WRA, ASAR, TXAR.

IDC 25 22:02:47.2, 3.6, 38° 10'N, 73° 30'E, h100km, 30km, mb3.6/9, mb1 3.8/14, mb1mx3.4/54, mbtmp4.0/14, MS2.5/1, Ms1 2.5/1, ms1mx2.1/45, Error ellipse: s-maj=28.9km s-min=19.6km az=162.0

ISCJB 25 22:02:48.6, 0.3, 38° 13'N, 0° 02' 73.3E, 0.05, h140km, mb3.7/9, Error ellipse: s-maj=5.7km s-min=2.9km az=168.8

BUI 25 22:02:52.0, 38° 29'N, 73° 47'E, h143km, mb4.2/1 NNC 25 22:02:53.3, 1.8, 38° 47'N, 73° 00'E, h141km, 12km, mb3.2, mp4.0, Error ellipse: s-maj=17.9km s-min=8.4km az=147.0

ISC 25 22:02:49.8, 0.5, 38° 15'N, 0° 04' 73.30E, h140km, n60, 290/63, mb3.8/9, 16C-4D, Tajikistan-Xinjiang border region

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like Sufi-Kurgan, Kashi, Dzerino, Almayashu, etc.

Table with columns: AKASG, FINES, ARCES, NB2, NOA, TGY, TORO, ILAR, YKA, WRA. Includes station names and coordinates.

IDC 25 22:09:06.3, 1.8, 0.57S, 26° 31'E, h0km, mb3.5/2, mb1 3.8/5, mb1mx3.5/32, mbtmp3.8/5, ML4.1/3, Error ellipse: s-maj=48.6km s-min=18.8km az=10.0, Zaire

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like Mbar, KMB, LSZ, TORO, MKAR.

KRSC 25 22:11:58.0, 5.0, 54° 39'N, 161° 18'E, h777km, 7km, ML3.9 Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like MKZ, KZV, TUMR, KIL, KPN, etc.

NNC 25 22:02:04.5, 1.3, 39° 20'N, 71° 08'E, h0km, mb3.8, mpv3.5, Error ellipse: s-maj=19.1km s-min=5.5km az=158.0

ISCJB 25 22:02:05.6, 1.1, 39° 15'N, 0° 09' 71.88E, 0.07, h10km, Error ellipse: s-maj=14.3km s-min=6.1km az=158.0

ISC 25 22:02:03.1, 1.9, 39.0N, 0.1, 71.90E, 0.07, h10km, n18, 2519/15, 6C-8D, Tajikistan

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like Sufi-Kurgan, SFK, DZET, AML, MNAS, etc.

λ-179.00000°, NP2:φ=130.00000°, δ89.00000°, λ-13.00000° IDC 25 22:25:25.7, 1.8, 47° 08'N, 153° 04'E, h0km, mb3.8/10, mb1 4.0/12, mb1mx3.7/46, mbtmp3.8/12, ML2.5/1, MS3.1/7, Ms1 3.1/7, ms1mx2.9/38, Error ellipse: s-maj=50.7km s-min=22.2km az=157.0

SKHL 25 22:25:27.1, 7.4, 46° 41'N, 153° 72'E, h50km, 9km, mb4.8/1 JMA 25 22:25:29.5, 0.7, 46° 92'N, 153° 07'E, h30km, M4.4 MOS 25 22:25:29.1, 1.3, 46° 89'N, 153° 18'E, h37km, mb4.3/7, Error ellipse: s-maj=17.3km s-min=10.0km az=56.3

ISC 25 22:25:26.8, 1.0, 46° 41'N, 0.1, 153° 7E, 0.1, h35km, n64, 290/63, mb3.8/12, MS3.4/7, 9C-1D, Kuril Islands

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like Kuril'sk, Severo-Kuril's, Pauzhetka, etc.

NIED 25 22:25:00, 46° 90'N, 153° 10'E, h32km, Mw3.9 Best double couple: Mb8.45000, 1014 NP1:φ=221.00000°, δ77.00000°

FUNV 25 22:27:51.5,6.90N:73:13W,h165km,MW3.6,1C-5D, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CAPV, VIGV, SOCV, etc.

ISC 25 22:29:40.8,2.0,9.76S:117.99E,h0km,mb3.4/2, mb1 3.8/6,mb1mx3.5/36,mbtmp3.7/6,ML3.6/4, Error ellipse: s-maj=55.1km s-min=23.6km az=54.0

AUST 25 22:29:41.7,7.2,0.9,61S:118.39E,h0km,1km, Error ellipse: s-maj=3.1km s-min=1.3km az=36.0

ISCJB 25 22:29:44.7,0.5,9.59S:105.118,24E,0.03,h33km, mb3.2/1, Error ellipse: s-maj=8.6km s-min=4.9km az=8.5

DJA 25 22:29:48.0,0.6,9.56S:111.8E,h44km,40km,M4.1/10, mb4.2/2,MLV4.1/10

ISC 25 22:29:46.3,0.8,9.63S:107.118,23E,0.05,h35km,n18, 0139/23,Sumbawa region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like IGBI, SRBI, BSSI, etc.

ISC 25 22:34:50.9,1.0,37.96S:73.36W,h0km,mb4.1/7, mb1 4.1/9,mb1mx3.9/34,mbtmp4.0/9,ML3.72,MS3.5/5, Ms1 3.5/5,ms1mx3.2/24, Error ellipse: s-maj=37.4km s-min=16.8km az=106.0

ISCJB 25 22:34:55.0,0.5,37.98S:0.03:73.2W,0.1,h33km,mb4.4/9, MS3.7/2, Error ellipse: s-maj=13.9km s-min=3.6km az=9.9

GUC 25 22:34:56.4,0.6,38.01S:73.08W,h15km,5km,ML4.8 NEIC 25 22:34:56.0,38.01S:73.08W,h15km,mb4.6/3, ML4.8(GUC),After GUC

NEIC Feit [III] at La Laja and San Rosendo and [II] at Lumaco and Puerto Saavedra.

ISC 25 22:34:55.8,0.7,38.00S:0.04:73.34W,0.09,h33km,n36, 0122/42,mb4.3/9, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like PSCH, U14B, V14B, etc.

Table with columns: TIC, KIC, DBIC, DBIC, BOSB, TORO, BRTR, ZALV, MKAR, MKAR. Lists stations like Toumodi, Kusan Boka, Dimbokro, etc.

ISC 25 22:46:43.1,7.5,5.28S:150.15E,h146km,47km,mb3.0/3, mb1 3.2/4,mb1mx3.0/32,mbtmp3.5/4, Error ellipse: s-maj=118.0km s-min=41.1km az=105.0,New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like PMG, WRA, ASAR, MKAR, TORO.

AUST 25 22:57:13.4,0.6,21.91S:174.02W,h0km, Error ellipse: s-maj=14.7km s-min=9.3km az=139.0

ISCJB 25 22:57:15.9,0.1,21.03S:0.05:174.41W,0.03,h10km, mb5.2/140,MS4.4/25, Error ellipse: s-maj=7.4km s-min=3.4km az=157.6

ISC 25 22:57:16.2,0.5,21.88S:174.54W,h0km,mb4.8/19, mb1 4.8/20,mb1mx4.8/30,mbtmp4.7/20,ML4.8,1,MS4.3/19, Ms1 4.3/19,ms1mx4.2/27, Error ellipse: s-maj=19.2km s-min=14.3km az=127.0

BUI 25 22:57:17.8,21.61S:174.38W,h12km,mb5.3/36, mb5.5/33,Ms4.9/30,Ms7.4/6/31

NEIC 25 22:57:18.0,0.1,21.87S:174.50W,h10km,mb5.2/99, WRA Error ellipse: s-maj=7.1km s-min=3.9km az=140.0

GCMT 25 22:57:18.0,0.3,21.88S:173.84W,h19km,1km,MW5.0/51, Moment Tensor Solution, s29,c33: s51,c68; Duration: 0. Moment tensor: Scale 10^16Nm; Mr:2.56t,23; Mw:0.29t,16; Mw-2.76t,14; Mw0.20t,41; Mw0.38t,10; Mw2.29t,29; Best double couple: Mo3.53600x10^16 Np1.9t,1.00000t,0.6650000t,0.9700000t. NP2: 0.164,0.00000t,0.826,0.00000t,0.74,0.00000t. Principal axes: T 3.4400,Plg69.0000t, Azm285.0000t; N 0.1940,Plg7.0000t, Azm178.0000t; P -3.6310,Plg20.0000t, Azm85.0000t; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

MOS 25 22:57:22.8,1.2,21.23S:174.42W,h33km,mb5.3/38 Error ellipse: s-maj=14.0km s-min=9.3km az=77.7

ISC 25 22:57:18.5,0.5,21.93S:0.05:174.49W,0.06,h15km,2km, h15km,pP,n638,0112/680,mb5.2/139,MS4.5/27, 41C-20D,Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like NIUE, RAO, RAO, etc.

ISC 25 22:57:18.5,0.5,21.93S:0.05:174.49W,0.06,h15km,2km, h15km,pP,n638,0112/680,mb5.2/139,MS4.5/27, 41C-20D,Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like NIUE, RAO, RAO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ASO1, ASAR, ASAR, etc.

25d 22h

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Eielson Array, Shoshoni, Indian Mountain, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Green Hill Far, Dixon Ranch, Maranthal, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Chiang Mai Arr, Lazy Trails An, Midland, etc.

26d 0h

Table with columns: TLB, Topalu, 1.53 134, Pn, S, 23 52 44.2 +0.4, 23 53 02.2 -1.3, 23 52 44.2 +0.4, 23 53 02.2 -1.3, 23 53 08.5 -1.4, 1.81 131, 1.81 131, S, Sn

ISK 25 23:53:18.2, 40:71N:30:10E, h7km, MD2.7
CSEM 25 23:53:18.6, 0.3, 40:77N:30:12E, h2km, MD2.7, Error
ellipse: s-maj=5.9km s-min=3.3km az=32.0
DDA 25 23:53:18.7, 40:75N:30:12E, h5km, MD2.9
ISC 25 23:53:18.9, 1.2, 40:74N:0:03:30.11E, 0:02, h5km, 10km,

Main table for Turkey stations (n40, 0563/72, Turkey) with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC

CSEM 26 00:23:10.6, 0.1, 40:66N:23:78E, h10km, MD2.9, Error
ellipse: s-maj=2.0km s-min=1.6km az=96.0
ATH 26 00:23:10.4, 40:66N:23:79E, h16km, 2km, MD2.9/10
THE 26 00:23:10.7, 40:66N:23:79E, h2km, 23km, ML1, 6.4, Error
ellipse: s-maj=23.5km s-min=0.4km az=109.0
ISC 26 00:23:10.7, 0.9, 40:66N:0:02:23.79E, 0:02, h12km, 9km,

Main table for Greece stations (n33, 0533/59, Greece) with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC

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Main table for Ionian Sea stations (RDO, Rodhopi) with columns: RDO, Rodhopi, 1.41 69, ePn, Pb, 00 23 37.1 +0.2

Main table for Eastern Mediterranean Sea stations (NIC, 26 00:28:07.4, 33:58N:32:50E, h50km, ML3.2) with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC

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Main table for various stations (TOTH, comp=E, 23nm, 0.6s) with columns: TOTH, comp=E, 23nm, 0.6s, AML, AML, 00 29 38.6

n301.01s12/260,mb4.2/29,MS3.6/15,Revilla Gigedo		Islands region		Code		Station Name	Δ°	AZ°	Phase	ID	Time	Res
Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res					
H06E1	SOCORRO T-PHAS	1.89	236	T	ISC	00 56 37.6						
H06N1	SOCORRO T-PHAS	1.89	239	T	T	00 56 32.0						
H06S1	SOCORRO T	1.94	235	T	T	00 56 40.5						
SLBS	Sierra La Lagu	3.86	351	ePn	Sn	00 55 00.7 -1.6						
SLBS	Sierra La Lagu	3.86	351	eSn	Sn	00 55 43.3 -4.5						
LPIG	La Paz	4.33	347	Pn	Sn	00 55 05.5 -3.1						
LPIG	La Paz	4.33	347	Pn	Sn	00 56 00.9 +1.6						
LPIG	La Paz	4.33	347	Pn	LR	00 56 30.8						
TX31	Lajitas Ar. Si	10.72	27	ePn	Pn	00 56 38.7 +2.1						
TXAR	Lajitas Array	10.72	27	Pn	Pn	00 56 35.9 -0.7						
832A	Faith Ranch, C	11.94	44	P	Pn	00 56 54.1 +1.0						
933A	Laredo	11.98	48	P	Pn	00 56 54.1 +0.5						
929A	Stev Forest Ra	12.06	31	P	Pn	00 56 55.1 +0.3						
034A	Hebbroville	12.08	52	P	Pn	00 56 56.3 +1.3						
732A	Laxson Ranch,	12.24	42	P	Pn	00 56 58.1 +0.8						
833A	Chaparral WMA,	12.35	45	P	Pn	00 56 60.0 +1.3						
631A	Perdido Creek	12.37	38	P	Pn	00 57 00.9 +1.9						
035A	Encino	12.45	53	P	Pn	00 57 04.1 +4.0						
214A	Organ Pipe Nat	12.46	346	P	Pn	00 57 02.5 +2.3						
934A	Benavides	12.51	50	P	Pn	00 57 04.2 +3.3						
530A	J-C Ranch, Com	12.52	34	P	Pn	00 57 03.7 +2.6						
429A	Davenport Ranc	12.63	30	P	Pn	00 57 04.8 +2.2						
733A	Divot King Ran	12.67	44	P	Pn	00 57 05.5 +2.4						
834A	Tilden	12.79	48	P	Pn	00 57 07.2 +2.4						
632A	Uvalde	12.91	40	P	Pn	00 57 07.5 +1.2						
KVXT	Kingsville	12.92	52	ePn	Pn	00 57 08.4 +1.7						
531A	Rocksprings	12.95	36	P	Pn	00 57 08.2 +1.1						
430A	Baggett Ranch,	13.08	32	P	Pn	00 57 11.9 +3.0						
734A	La Parita Cree	13.24	45	P	Pn	00 57 14.5 +3.6						
633A	Saathoff Ranch	13.25	42	P	Pn	00 57 13.5 +2.4						
532A	Rocksprings	13.29	38	P	Pn	00 57 14.6 +3.0						
329A	Wagon Wheel Ra	13.31	28	P	Pn	00 57 14.9 +2.9						
431A	Sonora	13.32	34	P	Pn	00 57 15.4 +3.3						
835A	Beaville	13.40	49	P	Pn	00 57 15.7 +2.6						
228A	UT Block 9, Go	13.60	25	P	Pn	00 57 18.2 +2.2						
JCT	Junction City	13.61	37	P	Pn	00 57 18.9 +2.9						
JCT	Junction City	13.61	37	ePn	Pn	00 57 19.4 +3.4						
330A	Mertzon	13.62	31	P	Pn	00 57 18.7 +2.5						
634A	China Grove, S	13.73	44	P	Pn	00 57 19.1 +1.5						
735A	Kenedy	13.76	47	P	Pn	00 57 20.4 +2.5						
533A	Kerrville	13.77	40	P	Pn	00 57 20.6 +2.5						
229A	Bryant Ranch,	13.80	28	P	Pn	00 57 19.9 +1.4						
331A	San Angelo	13.91	33	P	Pn	00 57 22.9 +2.8						
432A	Menard	13.91	36	P	Pn	00 57 22.7 +2.5						
CMIG	Matias Romero	13.93	99	Pn	LR	01 02 17.8 -2.6						
CMIG	Matias Romero	13.93	99	Pn	LR	01 02 21.9						
GLA	Glamis	14.04	340	P	Pn	00 57 22.2 +0.3						
GLA	Glamis	14.04	340	ePn	Pn	00 57 23.5 +1.6						
230A	Sterling City	14.05	30	P	Pn	00 57 23.8 +1.8						
534A	Blanco	14.08	42	P	Pn	00 57 23.5 +1.1						
128A	Castleberry Fa	14.09	24	P	Pn	00 57 23.2 +0.6						
635A	Leesville	14.12	46	P	Pn	00 57 23.7 +0.8						
IBP	Imperial Bould	14.13	336	P	Pn	00 57 23.2 0.0						
433A	Art	14.22	38	P	Pn	00 57 26.3 +1.9						
SWSC	Sam W. Stewart	14.27	337	P	Pn	00 57 24.8 -0.1						
SWSC	Sam W. Stewart	14.27	337	ePn	Pn	00 57 23.3 -1.7						
Y22D	IRIS PASSWALL	14.31	8	P	Pn	00 57 25.8 +0.1						
332A	Millersview	14.33	35	P	Pn	00 57 27.4 +1.6						
736A	Circle Diamond	14.34	48	P	Pn	00 57 27.9 +2.0						
129A	Stewart Farms,	14.35	26	P	Pn	00 57 26.9 +0.8						
BAR	Barrett	14.38	334	ePn	Pn	00 57 27.4 +0.8						
BNM	Barren Site	14.43	9	ePn	Pn	00 57 27.2 -0.2						
MONP	Monument Peak	14.46	335	P	Pn	00 57 27.5 -0.3						
231A	Bronte	14.47	32	P	Pn	00 57 28.6 +0.8						
Y12C	Blythe	14.60	342	P	Pn	00 57 29.5 0.0						
636A	Smothers Creek	14.66	47	P	Pn	00 57 31.7 +1.4						
535A	Dale	14.66	44	P	Pn	00 57 31.8 +1.5						
130A	Snyder	14.71	29	P	Pn	00 57 32.3 +1.3						
333A	Richland Sprin	14.71	37	P	Pn	00 57 31.9 +0.9						
228A	Tucker Farm, M	14.72	23	P	Pn	00 57 30.9 -0.4						
109C	Camp Elliot, M	14.74	333	P	Pn	00 57 31.7 +0.2						
434A	Burnet	14.76	40	P	Pn	00 57 32.6 +1.0						
232A	Coleman	14.78	34	P	Pn	00 57 32.8 +0.9						
BC3	Big Chucawall	14.80	339	P	Pn	00 57 32.0 -0.3						
229A	Hungry Hill Ra	14.96	25	P	Pn	00 57 34.8 +0.3						
131A	Roby	15.04	30	P	Pn	00 57 36.1 +0.6						
PFO	Pinyon Flat Ob	15.11	336	P	LR	01 02 34.8						
PFO	Pinyon Flat Ob	15.11	336	P	LR	01 02 34.8						
PFO	Pinyon Flat Ob	15.11	336	P	LR	01 02 34.8						
SNDJ	J Saunders Pla	15.12	336	ePn	Pn	00 57 34.7 -2.0						
637A	Eagle Lake	15.14	48	P	Pn	00 57 37.4 +0.7						
334A	Lometa	15.14	39	P	Pn	00 57 37.9 +1.1						
435B	Jarrell	15.16	42	P	Pn	00 57 37.9 +0.8						
IRM	Iron Mountain	15.17	341	P	Pn	00 57 38.6 +1.4						
MSTX	Muleshoe	15.20	21	P	Pn	00 57 38.4 +0.7						
MSTX	Muleshoe	15.20	21	ePn	Pn	00 57 38.6 +0.9						
230A	Sanderson Ranc	15.22	27	P	Pn	00 57 38.8 +0.9						

ANMO	Albuquerque	15.24 <th>9 <th>Pn</th> <th>Pn</th> <th>00 57 36.6 -1.6</th> </th>	9 <th>Pn</th> <th>Pn</th> <th>00 57 36.6 -1.6</th>	Pn	Pn	00 57 36.6 -1.6
ANMO	Albuquerque	15.24	9	Pn	LR	01 02 16.0
ANMO	Albuquerque	15.24	9	ePn	Pn	00 57 36.6 -1.6
BELC	Belle Mtn. Jos	15.30	338	P	Pn	00 57 39.3 +0.3
Y28A	McKinney Farm,	15.33	23	P	Pn	00 57 40.3 +0.9
ABTX	Abilene, Hawle	15.36	32	P	Pn	00 57 40.7 +0.9
ABTX	Abilene, Hawle	15.36	32	ePn	Pn	00 57 41.2 +1.4
MURC	Murieta	15.40	334	P	Pn	00 57 40.2 0.0
Y29A	Porterold Fa	15.50	24	P	Pn	00 57 41.3 -0.3
537A	Green Hill Far	15.54	47	P	Pn	00 57 42.5 +0.5
335A	Moody	15.60	41	P	Pn	00 57 43.9 +1.1
436A	Wall Ranch, Ga	15.65	44	P	Pn	00 57 44.1 +0.6
Z31A	Sharp Cattle R	15.69	29	P	Pn	00 57 44.8 +0.8
234A	Clairette	15.69	37	P	Pn	00 57 44.8 +0.8
WUAZ	Wupatki	15.71	354	P	Pn	00 57 43.6 -0.8
WUAZ	Wupatki	15.71	354	ePn	P	00 57 47.9 -0.5
133A	Hamilton Ranch	15.72	34	P	Pn	00 57 45.5 +1.0
HKT	Hockley	15.79	48	ePn	Pn	00 57 45.4 +0.1
Y30A	Stafford Cattl	15.83	26	P	Pn	00 57 46.2 +0.3
X28A	Dimmitt	15.90	22	P	Pn	00 57 46.8 0.0
GMRC	Granite Mounta	15.90	340	P	Pn	00 57 47.0 +0.2
Z32A	Haskell	15.99	31	P	Pn	00 57 48.6 +0.6
X29A	Tulia	16.01	23	P	Pn	00 57 48.5 +0.3
LDFC	Landfair	16.01	342	ePn	P	00 57 51.3 -0.5
LDFC	Landfair	16.01	342	eS	P	01 01 00.5 +0.6
WHTX	Lake Whitney	16.08	39	P	Pn	00 57 49.8 +0.7
WHTX	Lake Whitney	16.08	39	ePn	Pn	00 57 48.4 -0.6
134A	White-Moore Ra	16.15	36	P	Pn	00 57 50.3 +0.4
HEC	Hector,Ludlow	16.17	339	P	Pn	00 57 50.0 -0.2
Y31A	Ricketts Farm,	16.18	28	P	Pn	00 57 50.6 +0.3
X30A	Coker Ranch, T	16.33	25	P	Pn	00 57 52.5 +0.2
Z33A	Whitaker Ranch	16.34	33	P	Pn	00 57 52.6 +0.3
AMTX	Amarillo	16.41	23	P	Pn	00 57 53.6 +0.3
AMTX	Amarillo	16.41	23	ePn	Pn	00 57 50.6 -2.7
438A	Sam Houston St	16.52				

26d 1h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like OGNE Ogallala, M25A Palm-Egji Farm, HVU Hansel Valley, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SOEI Soe, BATI Baumata, BATI 142nm, etc.

DDA 26 01:15:47.6, 40.54N, 41.89E, h11km, MD3.0
CSEM 26 01:15:48.4, 0.2, 40.54N, 41.91E, h10km, MD3.0, Error ellipse: s-maj=4.7km s-min=4.3km az=90.0

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like DDEM Demirkent, DBAD Bademkaya, HMI Horasan, etc.

TIR 26 01:19:26.4, 7.41, 01N, 20.90E, h12km, 992km, ML2.9
SKO 26 01:19:31.1, 41.00N, 20.92E, h15km, M2.0, ML2.3
The 26 01:19:31.1, 41.00N, 20.88E, h8km, 1km, ML2.8/3, Error ellipse: s-maj=1.9km s-min=0.6km az=234.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Code Station Name, Az, Phase ID, Time, Res.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KBN Korca, FNA Florina, PHP Peshkopia, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JAN Janina, ZATK Zatriq, Bajram Curri, etc.

IDC 26 01:22:56.7, 2.6, 222N, 127.91E, h0km, mb3.8/3, mb1.4/0.3, mb1mx3.5/22, mbtmp3.8/3, Ms1.3.2/1, ms1mx2.3/32, Error ellipse: s-maj=210.6km s-min=26.7km az=67.0, Northern Molucca Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JAGI Jajag, MANU Manus Island, WRA Warramunga Arr, etc.

NIED 26 01:25:00.25, 10N, 125.70E, h11km, Mw3.7, Best double couple: M3.68000x10^14, NP1.9x10^22, 0.30, 0.00000, lambda=154.00000, NP2.9x359.00000, 0.77, 0.00000,

JMA 26 01:25:40.1, 0.1, 25.13N, 125.73E, h38km, 2km, M3.8, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JOGS Gusukube, JOGS Ikemajima, JKM Miyako jima 2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JKRS, IRIF, HATJ, JINT, YOC, etc.

ISCJB 26 01:28:16.7 0.4, 38.43N, 02:22:03E, 0.05, h11km, 3km, Error ellipse: s-maj=6.0km s-min=3.6km az=178.2

CSEM 26 01:28:16.7 0.1, 38.43N, 02:22:02E, h6km, ML1.5, Error ellipse: s-maj=4.3km s-min=2.4km az=88.0

THE 26 01:28:16.8, 38.42N, 02:23E, h12km, 1km, ML1.5/3, Error ellipse: s-maj=2.2km s-min=0.5km az=104.0

ATH 26 01:28:17.2, 38.43N, 02:22E, h6km, 4km, MD2.5/7, Error ellipse: s-maj=1.9, 1.1, 38.44N, 02:22E, 0.03, h8km, 7km, n25, c949/49, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TRIZ, KALE, LAKA, DESF, etc.

JMA 26 01:32:02.7, 34.74N, 137.11E, h11km, 1km, M2.6, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JAA, JIE, TSUJ, etc.

SJA 26 01:51:49.1 ± 0.8, 34.19S, 75.77W, h33km, 70km, ML4.9, MW5.3

ISCJB 26 01:52:12.8, 1.8, 34.69S, 0.04, 73.01W, 0.06, h15km, 12km, mb4.1/13, MS3.5/1, Error ellipse: s-maj=8.1km s-min=5.4km az=23.5

NEIC 26 01:52:12.0, 34.67S, 73.19W, h35km, mb4.0/3, After GUC. NEIC Feat III at Mostaza, Rancausa and Rengo

IDC 26 01:52:12.9, 0.7, 34.66S, 72.82W, h0km, mb4.2/12, Mb1 4/2/16, mb1mx2.2/16, mbmp4.2/16, ML3.7/3, MS3.0/3, Ms1 3.0/3, ms1mx2.9/16, Error ellipse: s-maj=22.8km s-min=13.2km az=107.0

GUC 26 01:52:12.1 ± 0.7, 34.67S, 73.19W, h35km, km, ML4.7

ISC 26 01:52:12.2, 2.2, 34.68S, 0.04, 73.01W, 0.06, h2km, 13km, n61, c1947/72, mb4.2/13, 3C-6D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like U65B, TALC, COCH, NICH, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RTL5, RCTV, CFCA, etc.

ISCJB 26 02:05:42.1 ± 0.7, 36.79N, 29.55E, h5km, MD2.6, Error ellipse: s-maj=2.0km s-min=1.6km az=179.0

TURN 26 02:05:41.7, 1.3, 36.80N, 0.04, 29.56E, 0.03, h4km, 13km, n11, c137/19, Turkey

DDA 26 02:05:41.9, 36.78N, 29.63E, h7km, MD2.6

CSEM 26 02:05:42.1 ± 0.7, 36.79N, 29.55E, h5km, MD2.6, Error ellipse: s-maj=2.0km s-min=1.6km az=179.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TCA, CYA, TRQA, etc.

ARO 26 02:04:56.5, 12.1N, 4.2E, h7km, 3km, ML3.2

ISC 26 02:04:53.1, 2.8, 12.50N, 0.07, 41.7E, 0.2, h10km, n11, c070/15, 1C, Ethiopia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MAOD, LDD, TDD, etc.

DDA 26 02:05:41.9, 36.78N, 29.63E, h7km, MD2.6

CSEM 26 02:05:42.1 ± 0.7, 36.79N, 29.55E, h5km, MD2.6, Error ellipse: s-maj=2.0km s-min=1.6km az=179.0

TURN 26 02:05:41.7, 1.3, 36.80N, 0.04, 29.56E, 0.03, h4km, 13km, n11, c137/19, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ELL, ELL, GOLH, etc.

IDC 26 02:16:31.4 ± 1.6, 5.86S, 150.00E, h0km, mb3.7/4, Mb1 4/0/5, mb1mx3.7/19, mbmp3.8/5, ML1.9/1, MS2.4/1, Ms1 2.4/1, ms1mx2.2/19, Error ellipse: s-maj=90.6km s-min=22.3km az=127.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMG, WRA, WRA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ILAR, TORD, etc.

ISCJB 26 02:25:42.5 ± 0.6, 6.16N, 0.07, 127.20E, 0.09, h100km, mb3.8/9, Error ellipse: s-maj=15.3km s-min=4.9km az=146.3

IDC 26 02:25:44.2 ± 3.3, 6.14N, 127.15E, h102km, 27km, mb3.6/9, mb1 3.8/9, mb1mx3.6/25, mbmp4.0/9, Error ellipse: s-maj=48.9km s-min=13.1km az=71.0

ISC 26 02:25:44.1 ± 1.0, 6.17N, 0.07, 127.1E, 0.1, h100km, n25, c1077/30, mb3.8/9, 1D, Philippine Islands 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 26 02:29:57.2 ± 3.6, 6.48S, 150.08E, h0km, mb3.6/4, mb1 3.8/5, mb1mx3.6/19, mbmp3.6/5, ML1.1/1, Error ellipse: s-maj=131.3km s-min=24.8km az=129.0, New Britain 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.

DJA 26 02:30:55.6 ± 1.1, 4.5S, 6.140E, h56km, 17km, M4.2/6, mb5.1/1, MLV3.6/7, Irian Jaya

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 26 03:08:00.5 ± 12.0, 19.20S, 178.10W, h599km, 107km, mb3.3/2, mb1 3.5/3, mb1mx2.9/17, mbmp4.3/3, Error ellipse: s-maj=170.4km s-min=63.6km az=137.0, Fiji Islands 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.

ISCJB 26 03:24:15.9 ± 0.4, 2.76S, 0.05, 129.36E, 0.04, h10km, mb3.9/6, MS3.4/8, Error ellipse: s-maj=7.0km s-min=4.9km az=22.0

IDC 26 03:24:16.5 ± 1.0, 2.80S, 129.57E, h0km, mb3.9/6, mb4.6/13, mb5.2/7, MLV2.1/1, MLV4.3/14, MS4.3/13, Ms1 3.4/13, ms1mx3.1/41, Error ellipse: s-maj=29.3km s-min=18.9km az=102.0

DJA 26 03:24:18.3 ± 0.2, 3.3S, 12.9E, h10km, M4.4/14, mb4.6/13, mb5.2/7, MLV2.1/1, MLV4.3/14, Mw(Mw)6.5/7

ISC 26 03:24:17.3 ± 0.6, 2.73S, 0.05, 129.56E, 0.06, h10km, n40, c1988/30, mb3.8/6, MS3.4/8, Seram

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, Phase, ID, Time, Res. Includes stations like TNTI Ternate, BAKI Biak, APSI Ampana, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MXZ Matakaoa Point, HAZ Te Kaha, WMGZ Waioamatatini S, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like NIED 26 03:30:00, 43:80N, 147:50E, h53km, Mw3.6, etc.

CSEM 26 03:25:48.8 ± 1.3, 67.53N, 33.87E, h2km, ML2.0, Error ellipse: s-maj=26.3km s-min=9.9km az=102.0, Mining explosion.

HEL 26 03:25:49.7 ± 0.9, 67.64N, 33.95E, h0km, ML1.6, Explosion NAO 26 03:25:50.9 ± 1.4, 67.65N, 33.70E, ML2.0

ISC 26 03:25:50.5 ± 2.8, 67.62N, 0.05:33.7E, 0.2, h0km, m22, s=111/34, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like APATITY Array, APAA, APAA, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KHZ, KHZ, KHZ, etc.

IDC 26 03:32:43.4 ± 3.4, 35.67N, 90.66E, h0km, mb1 3.1/3, mb1mx3.0/30, mbtmsp3.1/3, ML2.5/3, 4C-2D, Error ellipse: s-maj=28.2km s-min=24.0km az=59.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like I46RU ZALEVOV INFRA, ZALV Zalevo Beam, ZALV, etc.

GUC 26 03:38:30.9 ± 0.7, 35.23S, 72.11W, h7km, 2km, ML3.6, 5C-2D, Near coast of Central Chile

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like U55B HualaeO, U65B Talca, U65B Talca, etc.

DJA 26 03:46:40.7 ± 0.7, 2°N, 3°9'E, h10km, M4.0/10, mb4.3/4, mB6.1/1, MLv3.8/10, Mw(Mw)5.8/11, Northern Sumatra

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SNSI Sinabang, ACEH, SNSI Gunungsitoli, etc.

BUC 26 03:51:15.2 ± 0.4, 45.74N, 26.68E, h85km, MD2.5, 12C-4D, Error ellipse: s-maj=1.1km s-min=5.5km az=26.0, Romania

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PLOAR Plostinia, PLOAR Plostinia, PLOAR, etc.

NEIC 26 03:28:32.3, 36.72S, 177.96E, h131km, MG4.1 (WEL), After WEL

WEL 26 03:28:32.0 ± 0.5, 36.72S, 177.93E, h134km, 4km, ML4.2/14, 10C, Error ellipse: s-maj=4.9km s-min=3.4km az=0.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MXZ Matakaoa Point.

DDA 26 03:53:43.9, 40.08N, 31.92E, h3km, MD2.8
ISCJB 26 03:53:44.5, 0.8, 40.12N, 0.03:31.84E, 0.05, h0km, 8km,
Error ellipse: s-maj=6.6km s-min=4.9km az=26.4

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like AMUIH, MDUB, SVRHH, etc.

MAN 26 03:58:42.5, 5.29N, 126.25E, h120km, mb4.6, ML3.5, MS3.5
ISCJB 26 03:58:44.7, 0.4, 5.37N, 0.03:126.23E, 0.07, h100km,
mb3.7/7, Error ellipse: s-maj=9.5km s-min=4.3km

IDC 26 03:58:46.0, 1.2, 5.46N, 126.28E, h108km, 13km, mb3.6/7,
mb1.3x2.9, mb1mx3.6/27, mbtmp4.0/9, MS2.6/1, Ms1.2/6.1,
ms1mx2.2/31, Error ellipse: s-maj=44.6km s-min=12.8km

DJA 26 03:58:55.6, 0.5, 5.5N, 126.6E, h165km, 7km, M4.5/9,
mb4.5/8, mb4.9/6, MLV4.7, Mw(mB)4.2/6
AUST 26 03:59:25.3, 4.3, 4.03N, 127.43E, h420km, Error ellipse:

ISC 26 03:58:45.4, 0.6, 5.44N, 126.26E, 0.07, h100km, n36,
+155/38, mb3.7/7, 1-2Z, Mindanao

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like GSPH, MATI, DAV, etc.

ISCJB 26 04:04:33.2, 0.6, 10.00N, 0.07:93.73E, 0.09, h24km,
mb4.2/15, MS3.2/4, Error ellipse: s-maj=15.6km

NEIC 26 04:04:41.5, 1.4, 10.14N, 93.64E, h78km, 13km, mb4.3/4,
Error ellipse: s-maj=18.2km s-min=8.5km az=70.0

IDC 26 04:04:41.5, 3.4, 10.13N, 93.66E, h75km, 31km, mb3.9/12,
mb1.4/0.14, mb1mx3.6/48, mbtmp4.2/14, MS3.2/6,
Ms1.3/2.6, ms1mx2.9/39, Error ellipse: s-maj=32.3km
s-min=15.9km az=58.0

ISC 26 04:04:35.2, 0.7, 10.00N, 0.1:93.7E, 0.1, h24km, n39,
+095/73, mb4.2/15, MS3.2/4, Andaman Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like PBA, CMBY, DGPR, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like DGPR, KULM, PSI, etc.

NAO 26 04:05:49.5, 1.5, 76.84N, 18.45E, h6km, 12km, ML3.8
CSEM 26 04:05:50.3, 0.1, 76.96N, 18.54E, h2km, ML2.8, Error
ellipse: s-maj=3.0km s-min=1.9km az=43.0

BER 26 04:05:53.3, 2.7, 76.93N, 18.38E, h15km, 48km, MD2.2,
ML2.8, ML3.8(NAO)

ISC 26 04:05:49.5, 0.7, 76.88N, 18.45E, h6km, 12km, ML3.8
+208/24, Svalbard region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like HSP, HSPB, SPAO, etc.

ARA0 ARCESS Array S 7.66 161 Sn Sn 04 09 00.8 -5.7

IDC 26 04:09:56.3, 10.0, 53.93N, 159.31E, h0km, Error ellipse:
s-maj=95.5km s-min=28.0km az=50.0, Near east coast

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like I44RU, PETK, I45RU, etc.

ISCJB 26 04:12:23.1, 0.4, 50.22N, 0.03:18.76E, 0.02, h0km, Error
ellipse: s-maj=4.0km s-min=2.0km az=10.1
IPEC 26 04:12:24.6, 0.2, 50.23N, 18.70E, h2km, 2km, ML2.0/3,

Error ellipse: s-maj=2.4km s-min=1.1km az=166.0
CSEM 26 04:12:24.0, 0.2, 50.22N, 18.83E, h2km, ML2.9/11, Error
ellipse: s-maj=6.3km s-min=2.6km az=13.0

PRU 26 04:12:25.0, 50.22N, 18.64E, h0km
VIE 26 04:12:27.0, 1.1, 49.67N, 18.79E, h0km, mb2.1/2, ml2.3/2,
Error ellipse: s-maj=9.5km s-min=3.9km az=128.0,
Suspected Mining induced.

ISC 26 04:12:44.0, 7.0, 50.20N, 0.03:18.67E, 0.02, h0km, n39,
+0982/77, 3C-10, Poland

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like CHZP, RAC, OKC, etc.

BUI 26 04:21:22.9, 7.32S, 130.77E, h139km, mb4.9/41, mb4.8/29
AUST 26 04:21:29.6, 0.7, 6.61S, 130.06E, h123km, 7km, Error
ellipse: s-maj=7.0km s-min=5.5km az=60.0

MOS 26 04:21:30.0, 1.0, 6.51S, 130.10E, h143km, mb5.0/20, Error
ellipse: s-maj=9.7km s-min=6.4km az=112.4

NEIC 26 04:21:30.7, 7.60S, 130.15E, h140km, 7km, mb5.0/31,
Moliti Error ellipse: s-maj=6.5km s-min=5.7km az=67.0

IDC 26 04:21:31.9, 1.2, 6.52S, 130.15E, h148km, 10km, mb4.5/20,
mb1.4/5.2, mb1mx4.5/34, mbtmp5.0/26, MS3.4/9,
Ms1.3/4.9, ms1mx3.0/29, Error ellipse: s-maj=11.5km
s-min=8.8km az=85.0

ISCJB 26 04:21:31.4, 0.3, 6.62S, 0.02:130.23E, 0.02, h167km, 3km,
mb4.8/70, Error ellipse: s-maj=3.8km s-min=3.4km
az=19.0

DJA 26 04:21:32.0, 2.7, 5.2S, 131.0E, h163km, 2km, M5.5/29,
mb5.0/29, mb5.3/8, MLV6.8/1, Mw(mB)4.7/8

ISC 26 04:21:35.3, 6.57S, 0.03:130.19E, 0.04, h145km, 2km,
h145km, pP-P, n317, +1971/352, mb4.9/70, 29C-22D, Banda
Siau

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like SAUI, BNDI, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like BHGR Bahadurgarh, TLY Talaya, KHET Khetri, etc.

2010 AUG

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like TORD, MTE Manteigas, PCBR Castelo Branco, etc.

26d 6h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like SART Tekirdag, RYK Sarkoy-Tekirda, KCTX Karacabey (Bur), etc.

26d 7h

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for various radio stations.

2010 AUG

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for various radio stations.

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Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for various radio stations.

IDC 26 06:41:55.2:1.6, 17:73S:167:95E, h0km, mb4.1/7, mb1 4.3/8, mb1mx4.0/34, mbtmp4.1/8, ML3.8/1, MS3.6/7, Ms1 3.6/7, ms1mx3.2/28, Error ellipse: s-maj=49.7km s-min=25.4km az=130.0

ISCJB 26 06:41:59.1:1.1, 17:76S:0107:167:9E:0.1, h32km, mb4.2/9, MS3.6/6, Error ellipse: s-maj=19.8km s-min=10.2km az=4.4

NEIC 26 06:42:01.9:0.9, 17:81S:167:72E, h35km, mb4.3/5, Error ellipse: s-maj=19.3km s-min=15.9km az=109.0

AUST 26 06:42:02.1, 18:00S:171:05E, h300km, ISC 26 06:42:00.7:1.0, 17:76S:0109:167:9E:0.2, h32km, n33, e1915:29, mb4.2/9, MS3.5/6, 3C-1D, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for various radio stations.

ISJCJB 26 07:22:21.3.0.5, 38.68N.0.03:21.66E.0.04, h13km, Error ellipse: s-maj=4.2km s-min=4.1km az=12.6

THE 26 07:22:21.3.0.5, 38.66N.21.60E, h20km, ML1.7/4, Error ellipse: s-maj=1.8km s-min=0.5km az=265.0

ATH 26 07:22:21.3.0.5, 38.66N.21.66E, h2km, MD2.5/9

ISC 26 07:22:21.3.0.5, 38.66N.0.02:21.65E.0.02, h13km, n25, c0536/46, Greece

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include stations like Paravola, Evrytania, Efpalio, Prodomos, Trizonia, Kalitheia, Makrakomi, Agios Georgios, Kalavryta, Desfina.

ISJCJB 26 07:22:26.9.0.6, 43.32N.0.05:45.77E.0.03, h7km, 4km, Error ellipse: s-maj=9.0km s-min=2.8km az=16.7

CSEM 26 07:22:27.0.43.31N:45.73E, h12km, mb3.9

MOS 26 07:22:27.3.0.9, 43.31N:45.73E, h12km, mb3.9/1, Error ellipse: s-maj=0.1km s-min=0.0km az=27.0

ISC 26 07:22:27.8.0.9, 43.27N.0.04:45.74E.0.02, h9km, 7km, n40, c1502/78, 2C-1D, Eastern Caucasus

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include stations like Groznyy, Komgaron, Vladikavkaz, Batakoyurt, Karanay, Khunzakh, Ardon, Arakani, LACR, Priterechnaya, Stavd-Durt, Kora, Tsey, Kumukh, Digorskoe uzhe.

CSEM 26 07:22:54.6.0.2, 38.68N.21.63E, h22km, 1km, ML2.3, Error ellipse: s-maj=3.7km s-min=3.0km az=50.0

THE 26 07:22:55.1.38.66N.21.63E, h18km, ML2.3/5, Error ellipse: s-maj=1.2km s-min=0.6km az=255.0

ATH 26 07:22:55.2.38.66N.21.66E, h2km, 3km, MD2.6/12

ISC 26 07:22:55.0.0.8, 38.66N.0.02:21.66E.0.02, h17km, 6km, n37, c0555/68, Greece

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include stations like Paravola, Evrytania, Efpalio, Prodomos, Trizonia, Kalitheia, Makrakomi, Agios Georgios, Kalavryta, Desfina.

CSEM 26 07:23:13.7.0.2, 40.32N.40.23E, h10km, MD2.6, Error ellipse: s-maj=5.4km s-min=3.5km az=179.0

DDA 26 07:23:13.5.40.34N:40.20E, h7km, MD2.6

ISK 26 07:23:14.1.0.6, 40.32N.40.19E, h5km, MD2.0

ISC 26 07:23:14.1.0.6, 40.32N.0.04:40.24E.0.02, h13km, 6km, n19, c072/33, Turkey

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include stations like BAYT, KOP, GUMT, MACK, KELT, DEMIRKENT, DBAD, SUSE.

ISJCJB 26 07:27:40.1.1.1, 21.02S.0.08:68.2W.0.2, h136km, mb3.8/3, Error ellipse: s-maj=22.0km s-min=9.3km

GUC 26 07:27:41.6.0.5, 20.95S:68.54W, h137km, 52km, ML3.3, az=18.5

ISC 26 07:27:42.8.0.5, 20.89S:68.04W, h143km, 59km, mb4.1/2, mb1.4/1.3, mb1mx3.7/13, mbtmp4.3/3, Error ellipse: s-maj=79.2km s-min=30.9km az=23.0

ISC 26 07:27:41.6.1.0, 20.97S:68.4W.0.1, h136km, n9, c075/14, mb4.1/3, 3C-1D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include stations like IPOC Station P, MIMOC, LPAZ, TXAR, TORD.

YKA Yellowknife Arr 90.85 340 P P 07 40 30.0 +1.0 comp=N, 1.8nm, 0.5s, baz=134, slow=4.7, SNR=17

MKAR Makanchi Array 144.93 36 PKP PKPdf 07 47 02.3 -0.3 comp=N, 0.9nm, 0.8s, baz=299, slow=3.0, SNR=8.8

ISC 26 07:34:59.6.1.9, 7.95S.120.16E, h215km, 20km, mb2.8/2, mb1.3/0.5, mb1mx2.8/42, mbtmp3.4/45, MS3.1/1, Ms1.3/1.1, ms1mx2.4/12, Error ellipse: s-maj=64.9km s-min=13.2km az=54.0, Flores Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include stations like Kappang, Fitzy Crossi, Warramunga Arr, Alice Springs, Jay, Matsushiro Arr, Otama, Songino Array, Makanchi Array, Warramunga Arr, ASAR.

JMA 26 07:35:40.9.0.4, 32.30N:142.04E, h85km, M3.3, ISC 26 07:35:42.8.1.1, 32.40N.0.07:142.1E.0.2, h35km, mb3.6/4, Error ellipse: s-maj=22.5km s-min=8.1km az=163.7

ISC 26 07:35:44.1.4.5, 32.08N:141.11E, h0km, mb3.6/4, mb1.3/7.5, mb1mx3.5/39, mbtmp3.5/5, ML3.2/1, MS2.2/1, Ms1.2/2.1, ms1mx2.0/36, Error ellipse: s-maj=170.0km s-min=20.3km az=69.0

ISC 26 07:35:45.1.1.5, 32.42N.0.08:142.0E.0.1, h35km, n11, c185/14, mb3.6/4, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include stations like Mitsune, Tojimakas, Boso, Boso 3, Ashikaga, Matsushiro Arr, Otama, Songino Array, Makanchi Array, Warramunga Arr, ASAR.

ISJCJB 26 07:38:16.4.0.4, 0.42N.0.04:126.38E.0.03, h47km, mb4.2/9, Error ellipse: s-maj=5.9km s-min=4.5km az=10.1

DJA 26 07:38:18.0.0.2, 0.2N:3.12E, h46km, 18km, M4.5/20, mb4.6/1.4, mb5.5/5, ML4.3/20, MW(mb)4.9/5

NEIC 26 07:38:18.3.1.1, 0.47N:126.54E, h5km, 11km, mb4.2/3, Error ellipse: s-maj=12.4km s-min=1.0km az=71.0

ISC 26 07:38:18.9.3.1, 0.48N:126.38E, h60km, 29km, mb4.0/6, mb1.4/1.9, mb1mx3.7/42, mbtmp4.2/9, ML3.9/3, MS3.0/1, Ms1.3/0.1, ms1mx2.3/43, Error ellipse: s-maj=33.9km s-min=16.7km az=66.0

ISC 26 07:38:17.7.0.6, 0.44N.0.06:126.40E.0.06, h47km, n36, c124/42, mb4.3/9, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include stations like Ternate, Labuha, Cibinong, Sanana, Sangihe, Gorontalo, Luwuk, Marisa, Ampama, Sorong, Sorong, Mappa, Palu, Fak Fak, Tana Toraja, Sidrap Palu, Ransiki, Bulukumba, Kappang, Saumlaki, Biak, Ende, Kuching, Fitzy Crossi, Tennant Creek, Warramunga Arr, Alice Springs, Matsushiro Arr, Otama, Songino Array, Makanchi Array, Warramunga Arr, ASAR.

ISJCJB 26 07:40:56.0.4.6, 60.83S.0.08:25.0W.0.2, h10km, mb4.5/21, MS3.7/10, Error ellipse: s-maj=14.6km s-min=8.3km az=137.9

ISC 26 07:40:57.6.0.5, 60.63S:24.97W, h0km, mb4.5/13, mb1.4/5.13, mb1mx4.5/20, mbtmp4.5/13, MS3.7/11

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VCA Vinchina, AAGR Agrelo, LCO Las Campanas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CLCH Cerro Calan, RCDM Rinconada Maip, MRA San Martin, etc.

DJA 26 09:05:04.5-0.4, 1.N3:12.7E, h10km, M3.8/8, Mlv3.8/8, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TNTI Ternate, LBMI Labuha, KMSI Cibinong, etc.

NIED 26 09:07:00.29'60N, 129'80E, h5km, Mw3.6 Best double couple: M=2.91000e+10, NP1=69.00000e, delta=1.00000e, lambda=132.00000e, NP2=304.00000e, delta=5.00000e, lambda=51.00000e

ICD 26 09:07:39.9-1.3, 29'60N, 129'45E, h0km, mb3.4/3, mb1 3.5/4, mb1mx3.3/20, mbtmp3.4/4, ML2.72, MS2.4/1, Ms1 2.4/1, ms1mx2.1/23, Error ellipse: s-maj=49.9km s-min=19.8km az=90.0

JMA 26 09:07:41.9-0.1, 29'58N, 129'77E, h12km, 2km, M3.6

ISCJB 26 09:07:42.1-0.5, 29'59N, 0'05, 129'72E, 0.10, h30km, mb3.4/3, Error ellipse: s-maj=13.3km s-min=3.8km az=27.7

ISC 26 09:07:43.1-0.9, 29'56N, 0'04, 129'80E, 0.08, h30km, n17, s=1559/23, mb3.3/3, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JNN Nakashima, JTAJ Takarajima, JYAK Yakushimahirau, etc.

ISCJB 26 09:09:48.9-0.4, 39'53N, 0'01, 23'43E, 0.02, h14km, 3km, mb3.4/3, Error ellipse: s-maj=2.8km s-min=1.9km az=18.1

ATH 26 09:09:48.5, 39'53N, 23'48E, h30km, MD3.2/3A, ML3.4

CSEM 26 09:09:49.2, 0.1, 39'52N, 23'40E, h15km, ML3.6, Error ellipse: s-maj=2.8km s-min=1.9km az=106.0

THE 26 09:09:49.4, 39'53N, 23'45E, h15km, ML3.6/16, Error ellipse: s-maj=0.6km s-min=0.4km az=265.0

ICD 26 09:09:51.6-1.5, 39'04N, 23'08E, h0km, mb3.4/3, mb1 3.7/4, mb1mx3.3/42, mbtmp3.5/4, ML3.7/1, Error ellipse: s-maj=37.1km s-min=26.8km az=154.0

DDA 26 09:10:01.4, 39'71N, 23'87E, h4km, MD3.2

ISC 26 09:09:49.5-0.8, 39'53N, 0'01, 23'44E, 0.01, h15km, 6km, n184, s=82/237, mb3.4/3, 5C-11D, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like XOR Xorichti, XOR Xorichti, XOR Xorichti, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OUR Ouranopolis, OUR Ouranopolis, OUR Ouranopolis, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like THL Klokotos Trika, THL Klokotos Trika, THL Klokotos Trika, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KALE Kalithea, KALE Kalithea, KALE Kalithea, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NAIG Nisos Aigina, NAIG Nisos Aigina, NAIG Nisos Aigina, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MRMT Marmara Adasi, MRMT Marmara Adasi, MRMT Marmara Adasi, etc.

MEX 26 09:11:37.1-0.4, 15'98N, 98'64W, h16km, 18km, MD4.1, Off coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PNIG Pinotepa, PNIG Pinotepa, TLIG Tlapa, etc.

ICD 26 09:23:35.5-2.3, 17'87N, 82'95W, h0km, mb3.3/2, mb1 3.8/4, mb1mx3.5/32, mbtmp3.5/4, ML3.3/2, MS2.7/3, Ms1 2.7/3, ms1mx2.4/19, Error ellipse: s-maj=56.8km s-min=43.5km az=23.0, North of Honduras

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TEIG Tepich, TEIG Tepich, JTS Jalisco Abasco, etc.

AUST 26 09:30:45.3-5.9, 4'63S, 148'42E, h10km, 1km, Error ellipse: s-maj=3.7km s-min=1.1km az=267.0

ISCJB 26 09:31:06.7, 1.0, 6.17S, 0.06, 147.7E, 0.1, h77km, mb3.9/6, Error ellipse: s-maj=18.2km s-min=8.4km az=179.9

ICD 26 09:31:07.1, 2.8, 6.18S, 147.72E, h64km, 21km, mb3.8/6, mb1 3.9/9, mb1mx3.7/34, mbtmp4.0/9, MS2.9/2, Ms1 2.9/2, ms1mx2.5/32, Error ellipse: s-maj=37.5km s-min=19.3km az=102.0

ISC 26 09:31:08.0, 0.1, 6.25S, 0.07, 147.7E, 0.1, h77km, n23, s=1938/22, mb3.8/6, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, PMG Port Moresby, PMG Port Moresby, etc.

ICD 26 09:32:29.7, 9.3, 53'54N, 159'33E, h0km, Error ellipse: s-maj=97.6km s-min=28.7km az=50.0, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I44RU PETROPAVLOVSK, I44RU PETROPAVLOVSK, I44RU PETROPAVLOVSK, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like REDW, COLD, SNOW, LRM, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like U29A, L25A, Z32A, R28A, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like BRTR, BURAR, BURAR, TESR, etc.

IDC 26 13:22:36.7:14.0, 53.84N-159.13E, h0km, Error ellipse: s-maj=101.1km s-min=26.1km az=50.0, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like I48RU, I48RU, I48RU, etc.

IDC 26 13:24:40.7:7.6, 85.83N-147.27E, h84km, mb3.6/4, mb1 3.5/4, mb1mx3.1/29, mbtmp3.6/4, ML0.9/1, Error ellipse: s-maj=98.2km s-min=51.9km az=140.0, Eastern New Guinea region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like PMG, PMG, WRA, ASAR, FITZ, etc.

IDC 26 13:24:47.9:2.5, 18.78N-39.28E, h0km, mb3.6/4, mb1 3.6/4, mb1mx3.4/42, mbtmp3.6/4, MS3.4/2, Ms1 3.4/2, ms1mx2.6/30, Error ellipse: s-maj=70.1km s-min=27.9km az=153.0, Red Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like BRTR, BRTR, BRTR, etc.

CSEM 26 13:25:00.3:51.45N:16.10E, h0km, PRU 26 13:24:58.3:51.51N:16.12E, h0km, Poland

DLBT	Khong Chiam	34.83 242	P	P	15 14 30.6 +0.6
UBVP	comp-Z,65nm,1.0s				
DLV	Lat	35.13 234	eP	pP	15 14 33.9 +1.2
MYLDM	Lahad Datu	35.13 213	pP	pP	15 14 34.8 +2.3
SDKM	Sandakan	35.31 215	pP	P	15 14 34.8 +0.7
KKM	Kota Kinabalu	35.43 217	pP	P	15 14 35.3 +0.1
KKM	comp-Z,49nm,0.8s				
KKM			eScP	ScP	15 20 11.4 -5.5
CRAI	Chiangrai	35.59 253	P	P	15 14 34.1 -2.4
KRAR	Krasnoyarsk	35.59 318	eP	pmax	15 14 35.0 -1.0
KRAR					
BILL	Bilibino	35.97 18d	iPP	pP	15 14 38.4 -0.7
BILL					15 15 33.9 -0.9
BILL				pmax	
BILL	comp-Z,68nm,1.3s				
BILL	Bilibino	35.97 18	eP	P	15 14 38.8 -0.2
BILL	comp-Z,64nm,0.9s				
KHON	Khomkaen	36.06 246	P	P	15 14 40.9 +0.5
KHON	comp-Z,59nm,0.7s,comp-Z,457nm				
KHON	Khomkaen	36.06 246	pP	P	15 15 37.5 +1.3
TNTI	Ternate	36.28 196	P	P	15 14 41.5 -0.8
TNTI	comp-Z,442nm,0.8s,comp-Z,2um				
TNTI	Ternate	36.28 196	pP	P	15 14 41.3 -1.0
TNTI	comp-Z,442nm,0.8s,comp-Z,2um				
TNTI	Ternate	36.28 196	iPP	P	15 14 41.3 -1.0
TNTI	comp-Z,721nm,1.3s				
LOEI	Loei	36.50 249	eS	S	15 20 00.5 -1.2
LOEI	comp-Z,56nm,0.7s				
LOEI	Loei	36.50 249	pP	P	15 15 38.2 -1.8
LOEI	comp-Z,51nm,1.3s				
GSTR	Great Sittin T	36.67 49	eP	pP	15 14 45.3 +0.1
CMAI	Chiengmai2	36.79 254	P	pP	15 14 47.8 +1.1
CMAI	comp-Z,87nm,1.3s,comp-Z,20um				
CMAI	Chiengmai2	36.79 254	pP	P	15 15 45.8 +3.1
CMAI	comp-Z,126nm,0.9s				
UTTA	Utтарadit	36.89 250	P	P	15 14 47.9 +0.5
UTTA	comp-Z,7.7nm,0.8s,comp-Z,158nm				
UTTA	Utтарadit	36.89 250	pP	P	15 15 45.0 +1.6
UTTA	comp-Z,15nm,1.1s				
CHAI	Chaiyaphum	36.96 246	P	P	15 14 48.0 0.0
CHAI	comp-Z,48nm,0.7s,comp-Z,512nm				
CHAI	Chaiyaphum	36.96 246	pP	P	15 15 44.8 +0.8
CHAI	comp-Z,21nm,1.0s				
LAMP	Lampang	37.14 252	P	pP	15 14 50.0 +0.5
LAMP	comp-Z,10nm,0.9s,comp-Z,234nm				
LAMP	Lampang	37.14 252	pP	P	15 15 47.8 +2.2
LAMP	comp-Z,30nm,1.1s				
BAKI	Biak	37.16 181	P	P	15 14 49.3 -0.3
BAKI	comp-Z,159nm,1.2s,comp-Z,2um				
BAKI	Biak	37.16 181	P	P	15 14 48.4 -1.2
BAKI	comp-Z,159nm,1.2s,comp-Z,2um				
SWI	Sorong	37.19 189	P	P	15 14 49.5 -0.4
SWI	comp-Z,390nm,1.0s,comp-Z,2um				
SWI	Sorong	37.19 189	P	P	15 14 49.3 -0.6
SWI	comp-Z,390nm,1.0s,comp-Z,2um				
KMSI	Cibinong	37.35 201	P	P	15 14 50.6 -0.7
KMSI	comp-Z,1um,0.9s,comp-Z,3um				
KMSI	Cibinong	37.35 201	P	P	15 14 51.1 -0.2
KMSI	comp-Z,1um,0.9s,comp-Z,3um				
CMMT	Chiang Mai	37.50 253	P	P	15 14 52.5 0.0
CMMT	comp-Z,39nm,0.8s,comp-Z,830nm				
CMMT	Chiang Mai	37.50 253	pP	P	15 15 50.4 +1.7
CMMT	comp-Z,58nm,1.1s				
CHTO	Chiang Mai	37.50 253	P	P	15 14 52.6 0.0
CHTO	comp-Z,133nm,0.8s,comp-Z,2um				
CHTO	Chiang Mai	37.50 253	pP	P	15 15 50.5 +1.8
CHTO	comp-Z,159nm,1.4s				
CHTO	Chiang Mai	37.50 253	eP	pP	15 14 52.5 0.0
CHTO	comp-Z,53nm,1.1s				
CHTO	Chiang Mai	37.50 253	eS	pP	15 15 48.6 -0.1
CHTO	comp-Z,53nm,1.1s				
CHTO	Chiang Mai	37.50 253	eP	pP	15 20 21.7 +1.6
CHTO	comp-Z,212nm,19.0s				
CHTO	Chiang Mai	37.50 253	eP	pP	15 15 48.6 -0.1
CHTO	comp-Z,53nm,1.1s				
CHTO	Chiang Mai	37.50 253	eS	LR	15 20 21.7 +1.6
CHTO	comp-Z,212nm,19.0s				
GTOI	Gorontalo	37.59 203	P	P	15 14 51.8 -1.5
GTOI	comp-Z,335nm,0.9s,comp-Z,3um				
LBMI	Labuha	37.62 195	P	P	15 14 52.8 -0.7
LBMI	comp-Z,522nm,0.7s,comp-Z,4um,comp-Z,27um				
LBMI	Labuha	37.62 195	P	P	15 14 52.8 -0.7
LBMI	comp-Z,522nm,0.7s,comp-Z,4um,comp-Z,28um				
CM31	Chiang Mai Arr	37.71 252	P	P	15 14 54.4 +0.1
CMAR	Chiang Mai Arr	37.71 252	P	P	15 14 54.4 +0.1
CMAR	comp-Z,6.3nm,0.7s,baz=48,slow=6.7,SNR=44				
CMAR	Chiang Mai Arr	37.71 252	pP	P	15 15 50.8 +0.3
CMAR	comp-Z,9.0nm,0.8s,baz=44,slow=6.3,SNR=7.1				
CMAR	Toli-Toli	37.89 207	eP	ScP	15 20 26.6 +1.4
CMAR	comp-Z,4.4nm,0.9s,baz=23,slow=3.2,SNR=11				
TOLI	Toli-Toli	37.89 207	eP	P	15 14 54.6 -1.2
TOLI	comp-Z,106nm,0.7s				
WMQ	Urumqi	37.95 297	P	P	15 14 57.5 +1.4
WMQ	comp-Z,26nm,0.8s				
WMQ	Urumqi	37.95 297	pP	pP	15 15 55.5 +3.2
WMQ	comp-Z,130nm,3.8s				
WMQ	Urumqi	37.95 297	eP	pP	15 16 27.5 +3.0
WMQ	comp-Z,850nm,14.8s				
WMQ	Urumqi	37.95 297	P	Pn	15 16 34.0 -0.3
WMQ	comp-Z,26nm,0.8s				
WMQ	Urumqi	37.95 297	P	pP	15 17 06.3 +0.8
WMQ	comp-Z,26nm,0.8s				
WMQ	Urumqi	37.95 297	S	ScS	15 20 27.5 +1.0
WMQ	comp-Z,26nm,0.8s				
WMQ	Urumqi	37.95 297	ScS	ScS	15 24 35.0 -0.9
WMQ	comp-Z,26nm,0.8s				
WMQ	Urumqi	37.95 297	PMZ		
WMQ	comp-Z,130nm,3.8s				
WMQ	Urumqi	37.95 297	LN		
WMQ	comp-Z,850nm,14.8s				
WMQ	Urumqi	37.95 297	LN		
WMQ	comp-Z,340nm,12.0s				
WMQ	Urumqi	37.95 297	LZ		
WMQ	comp-Z,620nm,18.8s				
SMPI	Sarmi	37.98 177	P	P	15 14 57.6 +1.1
SMPI	comp-Z,352nm,0.9s,comp-Z,3um				
SMPI	Sarmi	37.98 177	P	P	15 14 56.9 +0.4
SMPI	comp-Z,352nm,0.9s,comp-Z,3um				
MRSI	Marsigit	38.09 205	P	P	15 14 57.3 -0.1
MRSI	comp-Z,411nm,1.0s,comp-Z,3um				
NAYO	Nakonayok	38.47 245	P	P	15 15 01.2 +0.6
NAYO	comp-Z,42nm,1.4s,comp-Z,2um				
NAYO	Nakonayok	38.47 245	P	pP	15 15 58.3 +1.3
NAYO	comp-Z,28nm,1.1s				
LSA	Lhasa	38.60 274	P	P	15 15 03.3 +1.2
LSA	comp-Z,29nm,1.1s				
LSA	Lhasa	38.60 274	eP	pmax	15 15 02.8 +0.7
LSA	comp-Z,10.0nm,0.7s				
LSA	Lhasa	38.60 274	eP	MLR	15 15 02.8 +0.7
LSA	comp-Z,203nm,21.0s				
LSA	Lhasa	38.60 274	eP	P	15 15 02.8 +0.7
LSA	comp-Z,10nm,0.7s				
LSA	Lhasa	38.60 274	LR	LR	
JAY	Jayapura	38.63 174	P	P	15 15 02.5 +0.5
JAY	comp-Z,86nm,0.9s				
JAY	Jayapura	38.63 174	P	P	15 15 02.7 +0.7
JAY	comp-Z,86nm,0.9s				
GENI	Genyem	38.67 175	P	P	15 15 03.6 +1.7
GENI	comp-Z,290nm,1.0s,comp-Z,4um				
GENI	Genyem	38.67 175	P	P	15 15 03.0 +0.8
GENI	comp-Z,290nm,1.0s,comp-Z,4um				
MPSI	Mapaga	38.95 208	P	P	15 15 03.7 -0.8
MPSI	comp-Z,189nm,1.0s,comp-Z,2um				
MPSI	Mapaga	38.95 208	P	P	15 15 03.9 -0.6
MPSI	comp-Z,189nm,1.0s,comp-Z,2um				
FAKI	Fak Fak	39.10 187	P	P	15 15 05.5 -0.3
FAKI	comp-Z,938nm,0.9s,comp-Z,7um				
FAKI	Fak Fak	39.10 187	P	P	15 15 05.4 -0.3
FAKI	comp-Z,938nm,0.9s,comp-Z,7um				
FAKI	Fak Fak	39.10 187	eP	P	15 15 05.3 -0.4
FAKI	comp-Z,601nm,0.7s				
FAKI	Fak Fak	39.10 187	eP	pP	15 16 01.3 -1.1
FAKI	comp-Z,601nm,0.7s				
UMPA	Umpang Tak	39.11 250	P	pP	15 15 08.3 +2.4
UMPA	comp-Z,8.1nm,0.7s,comp-Z,273nm				
UMPA	Umpang Tak	39.11 250	pP	P	15 16 04.8 +2.3
UMPA	comp-Z,22nm,1.2s				
LUWI	Luwuk	39.25 203	P	P	15 15 05.9 -1.1
LUWI	comp-Z,276nm,1.3s,comp-Z,6um				
LUWI	Luwuk	39.25 203	P	P	15 15 05.3 -1.7
LUWI	comp-Z,276nm,1.3s,comp-Z,6um				

LUWI	Luwuk	39.25 203	eP	P	15 15 04.9 -2.1
LUWI	comp-Z,275nm,1.3s,comp-Z,6um				
MIDW	Midway	39.27 88	eP	P	15 15 07.3 +0.3
MIDW	comp-Z,231nm,1.0s				
MIDW	Midway	39.27 88	LR	LR	
MIDW	comp-Z,231nm,1.0s				
SANI	Sanana	39.33 197	P	P	15 15 06.7 -0.9
SANI	comp-Z,425nm,1.1s,comp-Z,4um				
SANI	Sanana	39.33 197	P	P	15 15 06.8 -0.9
SANI	comp-Z,426nm,1.1s,comp-Z,4um,comp-Z,5um				
APSI	Ampana	39.49 204	P	P	15 15 08.0 -0.9
APSI	comp-Z,251nm,1.1s,comp-Z,2um				
APSI	Ampana	39.49 204	P	P	15 15 08.1 -0.9
APSI	comp-Z,251nm,1.1s,comp-Z,2um				
SHL	Shillong	39.69 267	eP	P	15 15 11.0 +0.2
SHL	comp-Z,12nm,0.6s,baz=95,slow=2.6,SNR=17				
SHL	Shillong	39.69 267	iX	pP	15 16 10.0 +2.4
SHL	comp-Z,12nm,0.6s,baz=95,slow=2.6,SNR=17				
PATY	Pattaya	39.72 244	P	P	15 15 12.1 +1.3
PATY	comp-Z,20nm,1.1s				
PATY	Pattaya	39.72 244	pP	pP	15 16 09.6 +2.0
PATY	comp-Z,14nm,1.1s				
ZALV	Zalesovo Ben	39.81 313	P	P	15 15 11.1 -0.1
ZALV	comp-Z,12nm,0.6s,baz=100,slow=7.0,SNR=16				
ZALV	Zalesovo Ben	39.81 313	pP	pP	15 16 07.5 -0.4
ZALV	comp-Z,8.1nm,0.8s,baz=100,slow=8.0,SNR=2.6				
ZALV	Zalesovo Ben	39.81 313	P	pP	15 17 11.0 0.0
ZALV	comp-Z,8.1nm,0.8s,baz=100,slow=8.0,SNR=2.6				
ZALV	Zalesovo Ben	39.81 313	ScP	ScP	15 20 32.1 -0.5
ZALV	comp-Z,7.1nm,0.8s,baz=97,slow=3.9,SNR=8.2				
MSAI	Masohi	39.98 192	P	P	15 15 12.9 -0.1
MSAI	comp-Z,332nm,0.7s,comp-Z,3um				
MSAI	Masohi	39.98 192	P	P	15 15 14.6 +1.6
MSAI	comp-Z,332nm,0.7s,comp-Z,3um				
SRDT	SRDT	40.07 247	P	P	15 15 14.9 +1.1
SRDT	comp-Z,133nm,0.9s				
SRDT	SRDT	40.07 247	pP	pP	15 16 11.8 +1.2
SRDT	comp-Z,132nm,1.2s				
PCI	Palu	40.12 207	P	P	15 15 13.1 -1.0
PCI	comp-Z,224nm,1.1s,comp-Z,2um				
PCI	Palu	40.12 207	P	P	15 15 13.1 -1.0
PCI	comp-Z,224nm,1.1s,comp-Z,2um				
NLAI	Namlea	40.23 195	P	P	15 15 14.6 -0.4
NLAI	comp-Z,242nm,0.7s,comp-Z,2um				
NLAI	Namlea	40.23 195	P	P	15 15 15.0 0.0
NLAI	comp-Z,242nm,0.7s,comp-Z,2um				
SBUM	Sibu	40.52 220	eP	P	15 15 17.2 -0.2
SBUM	comp-Z,97nm,1.2s				
SBUM	Sibu	40.52 220	eScP	ScP	15 20 38.9 +2.8
SBUM	comp-Z,97nm,1.2s				
PHET	Kaeng Krachan	40.62 245	eP	P	15 15 19.3 +1.0
PHET	comp-Z,54nm,0.7s,comp-Z,440nm				
PHET	Novosibirsk	40.80 315	eP	P	15 15 18.5 -0.7
PHET	comp-Z,54nm,0.7s,comp-Z,440nm				
NVS	NVS		e		15 16 18.0
NVS	NVS		e		15 17 13.8
NVS	NVS		eS	S	15 21 04.6 -3.8
NVS	NVS		eS	S	15 24 49.6 -2.6
N					

26d 15h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like BVAR Borovoye Array, BVAR comp=Z,19nm,0.6s, and various other regional stations.

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Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like CISI Cisompet, Garu, KASI Kota Agung, and various other regional stations.

1368

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like CTAO Charters Tower, INK Inuvik, and various other regional stations.

26d 15h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like GCMT Greycliff, KSP Ksiaz, YMR Madison River, etc.

2010 AUG

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like BRG comp=Z,25nm,1.0s, GRAC Grapevine Rang, SBC Sara Barbara, etc.

1370

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like PKSM Moragy, PASO Pasadena Art C, CONA Conrad Observa, etc.

Table with columns: ID, Name, Comp, Az, El, AzEl, SNR, and other metrics. Includes entries like I23A Meade Ranch, G, 82.27 40 P, P, 15 19 55.1 -0.3, etc.

Table with columns: ID, Name, Comp, Az, El, AzEl, SNR, and other metrics. Includes entries like HPK Haverah Park, 83.35 337j eP, P, 15 20 00.8 +0.3, etc.

Table with columns: ID, Name, Comp, Az, El, AzEl, SNR, and other metrics. Includes entries like FUORN Ofenpass-Fuorn, 84.65 326 eP, P, 15 20 08.1 +0.5, etc.

26d 15h

Table with columns for station ID, name, frequency, power, and status. Includes stations like SDCO Great Sand Dun, N28A Pribbeno Ranch, L30A Spencer Herefo, etc.

2010 AUG

Table with columns for station ID, name, frequency, power, and status. Includes stations like 121A Walsh, P32A Huiting Farm, CBK3 Cedar Bluff, etc.

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Table with columns for station ID, name, frequency, power, and status. Includes stations like Y30A Stafford Catti, W32A Sentinel, V33A Lossen Ranch, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like Clairette, Richland Sprin, Southern Hill, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like LIC Lamto, SYO Syowa Base, SDV Santo Domingo, etc.

IDC 26 15:12:05.0,3.5,54.61N,83.47E, h0km, mb1 2.8/1, mb1mx2.7/4.0, mbtmp2.8/1, ML2.7/1, Error ellipse: s-maj=26.1km s-min=14.5km az=150.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, MKAR Makanchi Arr, etc.

MAN 26 15:20:22.19,09N:121.07E, h14km, mb4.8, ML3.7, MS3.7, 1C, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like WSI Waingapu, MTN Manton Dam, KNRA Kunurra, etc.

JMA 26 15:41:21.1, 0.2, 28.49N, 138.82E, h577km, M3.9, ISCBJ 26 15:41:23.0, 0.3, 28.52N, 138.51E, 0.05, h529km, Error ellipse: s-maj=6.0km s-min=4.7km az=3.7

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like CBJJ Chichi jima, CJJ Chichijima, JHHJ Hahaione-NKT, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like BSO1 Bosso, BJO Tosashimizu, BTO Bosso, etc.

Table with columns: AKTO, AKTUYNISK, 16.88 332 P, Pn, 17 00 35.5 -1.5, etc. Lists various stations and their coordinates and times.

Table with columns: YAK, YAKUTSK, 44.66 35 eP, P, 17 04 51.7 +2.8, etc. Lists stations like DAVOX, KSAR, SPITSBERGEN, etc.

Table with columns: ARAO, ARCES, ARCESS ARRAY S, 7.71 161 Pn, Pn, 17 16 14.3 0.0, etc. Lists stations like WRA, ASAR, HSP, etc.

Table with 5 columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SZH, MPEP, MPEP.

ISCJB 26 17:41:39.1±0.8, 76.59N±0.07, 17.77E±0.3, h28km, Error ellipse: s-maj=12.0km s-min=5.4km az=41.9

NAO 26 17:41:39.4±1.5, 76.89N±18.27E, h8km, 12km, ML3.6

CSEM 26 17:41:39.0±0.6, 76.85N±18.21E, h18km, 5km, ML2.1

BER 26 17:41:42.0±2.6, 76.92N±18.10E, h18km, 14km, MD2.2

ISC 26 17:41:39.9±1.0, 76.76N±0.06, 17.91E±0.04, h28km, n16, o#53/23, Svalbard region

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Frequency. Lists stations like Hornsund, Spitsbergen, Spitsbergen Ar, etc.

ATH 26 18:05:14.8, 40°55'N, 23°56'E, h22km, MD3.2/27

THE 26 18:05:15.3, 40°55'N, 23°57'E, h11km, 3km, ML3.2/6, Error ellipse: s-maj=3.6km s-min=0.5km az=226.0

CSEM 26 18:05:15.4±0.1, 40°54'N, 23°57'E, h8km, MD3.2, Error ellipse: s-maj=2.9km s-min=2.4km az=86.0

ISCJB 26 18:05:15.0±0.3, 40°55'N, 0°01'23.57E±0.02, h12km, 3km, Error ellipse: s-maj=2.7km s-min=2.3km az=172.1

SOF 26 18:05:15.6, 40°58'N, 23°65'E, h4km, MD3.1

SKO 26 18:05:16.5, 40°57'N, 23°55'E, h2km

ISC 26 18:05:15.7±0.8, 40°55'N, 0°01'23.58E±0.01, h14km, 6km, n174, o#17/209, 9C-12D, Greece

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Frequency. Lists stations like Polygyros, Sokhos, Hortiatis, etc.

Table with 5 columns: Station Name, Azimuth, Elevation, Frequency. Lists stations like NEO, LIA, AOS, KZN, RZN, SMTH, etc.

ISC 26 18:42:25.7±3.4, 5.99S, 146.76E, h0km, mb2.9/2, mb1 3.2/4, mb1mx3.1/25, mbmt3.1/4, ML3.0/1, Error ellipse: s-maj=60.0km s-min=47.6km az=84.0, Eastern New Guinea region

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Frequency. Lists stations like Port Moresby, Warramunga Arr, ASAR, etc.

ISCJB 26 18:52:32.1±0.5, 6°26'S, 0°06'15.0"E, h35km, mb4.3/13, MS3.2/7, Error ellipse: s-maj=12.1km s-min=6.4km az=32.2

AUST 26 18:52:33.0±0.6, 6°43'S, 151°02'E, h40km, Error ellipse: s-maj=1.7km s-min=1.0km az=286.0

NEIC 26 18:52:35.1±2.3, 6°31'S, 150°68'E, h49km, 21km, mb4.6/4, Error ellipse: s-maj=15.5km s-min=14.5km az=72.0

ISC 26 18:52:34.1±0.6, 6°25'S, 0°09'15.0"E, h35km, n42, o#19/39, mb4.4/13, MS3.2/7, New Britain region

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Frequency. Lists stations like Rabaul, Port Moresby, PMG, etc.

IDC 26 19:07:28.1±1.0, 5°98'N, 78°14'W, h0km, mb4.1/11, mb1 4.2/12, mb1mx4.1/21, mbmt4.1/12, ML2.3/1, MS3.4/5, Ms1 3.4/5, ms1mx2.9/25, Error ellipse: s-maj=34.7km s-min=18.7km az=38.0

ISCJB 26 19:07:31.2±1.0, 5°9N, 0°27'78.2"W, 0.1, h33km, mb4.1/11, MS3.8/2, Error ellipse: s-maj=33.0km s-min=9.2km az=28.8

ISC 26 19:07:33.4±1.1, 5°9N, 0°27'28.0"W, 0.1, h35km, n20, o#52/15, mb4.1/11, South of Panama

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Frequency. Lists stations like ROSC, JTS, ATAH, etc.

26d 22h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Pengchayiu, Sanyu, Liyutan, etc.

KRSC 20:22:45.1±1.6,52°45N,161°06E,h24km±12km,ML4.0,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Mys Shipunski, Nalytchevo, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Mys Kozlova, Ganaly, Apacha, etc.

KRSC 20:28:08.4±1.1,55°37N,163°07E,h59km±23km,ML3.8,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Krotoberegovo, Mys Kozlova, Semkarok, etc.

HEL 26:20:54:18.8±0.6,67°70N,33°73E,h0km,ML1.8,Explosion

NAO 26:20:54:18.7±1.1,67°69N,33°69E,ML2.7
KOLA 26:20:54:18.2±67°66N,33°62E,h0km
CSEM 26:20:54:20.4±0.9,67°73N,33°63E,h2km,ML2.7, Error

ISC 26:20:54:19.8±1.7,67°69N,04:00:33°50E±0:09,h0km,n25,

09:42Z, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Apatity, Petropavlovsk, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AREO, Hetta, etc.

MEX 26:20:59.46±0.6,24°29'N,110°34'W,h11km±9km,MD3.9,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Baja California, La Paz, etc.

SKO 26:21:01:35.8±0.4,40°84'N,22°59'E,h2km,M1.5,ML1.8,

ISCJB 26:21:01:38.4±0.7,40°97'N,0°04:22°71E±0:06,h4km,11km,
Error ellipse: s-maj=7.7km s-min=5.1km az=148.3
CSEM 26:21:01:38.4±0.1,40°97'N,22°69'E,h2km,MD2.6, Error

ATH 26:21:01:38.8±1.1,40°98'N,0°03:22°71E±0:03,h8km±14km,

n20,09:42/30,Greece

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kendrikon, Valandovo, etc.

IDC 26:21:15:16.2±2.8,6°45'S,147°00'E,h0km,mb3.1/1,

mb1.3/0.9,mb1mx3.3/19,mbmtip3.3/3,ML3.2/1, Error

ellipse: s-maj=66.9km s-min=38.4km az=99.0, Eastern

New Guinea region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Port Moresby, WRA, etc.

IDC 26:21:36:31.3±4.6,49°78'N,149°9'E,h332km,63km,mb3.1/7,

mb1.3/0.9,mb1mx2.8/43,mbmtip3.8/9, Error ellipse:
s-maj=72.6km s-min=41.8km az=154.0

ISC 26:21:36:32.8±3.2,48°7'N,02:149°8E±0:4,h350km,n9,

03:38/9,mb3.3/7,Northwest of Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAJ, MJAR, etc.

SJA 26:22:29.7±1.2,23°35'S,66°54'W,h236km±33km,ML2.6,

MW3.5, Jujuy Province

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like San Lorenzo, Humahuaca, etc.

ISCJB 26:22:37:40.4±0.4,50°25'N,0°03:18'70E±0:02,h0km, Error

ellipse: s-maj=4.2km s-min=2.0km az=9.1
IPEC 26:22:38.9±0.2,50°26'N,18°81'E,h0km±2km,ML2.2/3,

Error ellipse: s-maj=2.5km s-min=1.1km az=167.0
CSEM 26:22:38.5±0.2,50°29'N,18°73'E,h2km,ML3.1/14, Error

ellipse: s-maj=6.2km s-min=2.9km az=13.0
PRU 26:22:39.6±50°23'N,18°75'E,h0km,
VIE 26:22:43:0.6±0.9,49°86'N,18°74'E,h0km,mb2.0/2,ml2.6/4,

Error ellipse: s-maj=3.5km s-min=3.4km az=174.0,

Suspected Mining induced.

ISC 26:22:44:38.8±0.8,50°25'N,0°03:18'77E±0:02,h0km,n52,

01:15/101,11C-5D, Poland

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Chorzow, Raciborz, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like Ostrava-Krasne, Ojcow, Moravsky Berou, Kraliky, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like Sopron, Kog, Arzberg, Grobnik, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like Wetzell, Dobruska-Polom, Panska Ves, etc.

IDC 26 22:28:14.2, 7.1, 5.80S, 147.14E, h183km, 83km, mb2.8/1, mb1.3/1.3, mb1mx2.8/3, mbtmp3.5/3, Error ellipse: s-maj=145.4km s-min=48.0km az=124.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like Port Moresby, Warramunga Arr, Alice Springs, etc.

IDC 26 22:34:47.3, 2.0, 7.03S, 150.34E, h0km, mb3.7/5, mb1.4/0.6, mb1mx3.7/3.1, mbtmp3.8/6, ML1.8/1, MS2.8/1, Ms1.2.8/1, ms1mx2.5/2.0, Error ellipse: s-maj=74.7km s-min=23.6km az=125.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like Kraliky, GO Pecny, Ondr, etc.

IDC 26 22:34:49.8, 1.5, 7.25S, 150.45E, 0.3, h26km, mb3.5/4, Error ellipse: s-maj=60.4km s-min=12.6km az=136.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like Port Moresby, Warramunga Arr, ASAR Alice Springs, etc.

IDC 26 22:35:37.2, 2.1, 6.43S, 149.52E, h0km, mb3.3/2, mb1.3.8/4, mb1mx3.5/1.9, mbtmp3.6/4, ML3.7/1, Error ellipse: s-maj=126.6km s-min=25.6km az=124.0, New Britain region

Table of station data for the 27d Oh section, including station names, coordinates, and various parameters.

ISCJB 27 00:31:12.8 1.1, 15.375:0.08:167.5E:0.2, h124km, mb3.9/7, Error ellipse: s-maj=27.5km s-min=10.7km az=179.9

ISC 27 00:31:13.3-4.8, 15.363:167.56E, h118km, 40km, mb3.77, mb1.9/9.8, mb1mx3.6/3.7, mbtmp4.1/6, MS2.9/1, M 2.9/1, ms1mx2.6/2.8, Error ellipse: s-maj=31.9km s-min=25.9km az=40.0

ISC 27 00:31:13.8 1.1, 15.375:0.09:167.6E:0.2, h124km, n12, c070/12, mb4.0/6, Vanuatu Islands

Table of station data for the 27d Oh section, including station names, coordinates, and various parameters.

ISC 27 00:36:08.9 3.6, 4.49S:100.26E, h0km, mb3.6/6, mb1.3/6, mb1mx3.5/3.6, mbtmp3.6/6, Error ellipse: s-maj=142.3km s-min=22.2km az=57.0

ISC 27 00:36:14.2 4.9, 4.45S:104.4E:0.7, h35km, n13, c0873/1, mb3.6/6, Southwest of Sumatara

Table of station data for the 27d Oh section, including station names, coordinates, and various parameters.

ISC 27 00:47:41.2-4.8, 4.67S:145.27E, h180km, 40km, mb3.3/4, mb1.3/6, mb1mx3.2/3.4, mbtmp3.8/6, Error ellipse: s-maj=52.4km s-min=19.9km az=104.0, Near north coast of New Guinea

Table of station data for the 27d Oh section, including station names, coordinates, and various parameters.

KRSC 27 00:51:11.6 1.4, 52.47N:161.11E, h18km, 24km, ML4.0, Off east coast of Kamohatka Peninsula

Table of station data for the 27d Oh section, including station names, coordinates, and various parameters.

BUI 27 00:56:05.5 6.0, 6.06S:102.96E, h39km, mb5.0/5.6, mb4.8/3.5, Ms4.6/4.4, Ms7.4/4.4
MOS 27 00:56:12.6 6.1, 5.03S:103.13E, h39km, mb5.3/4.9, Error ellipse: s-maj=10.4km s-min=5.5km az=115.4
AUST 27 00:56:13.1 1.0, 5.48S:102.74E, h40km, 8km, Error ellipse: s-maj=9.9km s-min=6.2km az=43.0
NEIC 27 00:56:15.8 0.7, 5.27S:102.95E, h62km, 5km, mb4.9/3.2, Error ellipse: s-maj=9.3km s-min=4.4km az=45.0
NEIC Fell [II] at Bengkulu and [I] at Krui.
KLM 27 00:56:15.9 5.53S:102.71E, h72km, mb5.0, ML4.7, MS5.5
ISCBJ 27 00:56:15.2 0.4, 5.30S:103.10E, h39km, 3km, mb4.9/10.9, Error ellipse: s-maj=5.5km s-min=2.5km az=42.5
DJA 27 00:56:16.7 0.2, 5.2S:101.3E, h49km, 3km, MS, 1/88, mb5.2/88, mb5.5/44, MLV5.3/8, Mw(mb)5.0/4.4, Mwp6.7/2
IDC 27 00:56:16.3 1.8, 5.17S:103.08E, h60km, 14km, mb4.5/3.0, mb1.4/6/31, mb1mx4.4/4.6, mbtmp4.8/31, MS3.9/26, Ms1.3/9.26, ms1mx3.8/3.5, Error ellipse: s-maj=14.3km s-min=8.0km az=45.0
ISC 27 00:56:14.6 0.5, 5.33S:104.10E:0.04, h20km, 3km, n445, c145/470, mb5.0/103.3, MS3.9/24, 58D, 210

Southern Sumatara

Table of station data for the Southern Sumatara section, including station names, coordinates, and various parameters.

Table of station data for the 27d Oh section, including station names, coordinates, and various parameters.

KBZ	comp=Z,8.9nm,0.9s,baz=133,slow=6.1,SNR=14	LR	LR	01 44 22.4
ZALF	comp=Z,29nm,19.3s,baz=99,slow=4.0	eP	P	01 07 39.9 +1.9
KIV	Zalif	72.75 307	eP	01 07 39.0 0.0
KIV	Kislovodsk	72.94 319c	iP	01 07 48.0
KIV			i	01 07 53.5
KIV			eS	01 17 03.7 -4.2
KIV			SKIKP	01 17 39.2 0.0
KIV	comp=Z,16nm,1.7s	MLR	MLR	
KIV	comp=Z,25nm,18.0s	MLR	MLR	
KIV	Kislovodsk	72.94 319	eP	01 07 38.9 0.0
SALA	comp=Z,7.4nm,1.1s	P	P	01 07 41.9 +1.3
HAWK	Hawek	73.16 306	eP	01 07 46.7 +1.4
PETK	Petrovlovsk-	74.20 31	P	01 07 43.9 -2.1
SOKR	comp=Z,3.5nm,0.7s,baz=190,slow=5.0,SNR=5.0	P	P	01 07 46.2 +0.2
SOKR	Solkamsk	74.24 338c	iP	
PET	comp=Z,60nm,1.6s	P	P	01 07 47.3 -1.2
PET	Petrovlovsk-	74.64 31	iP	
MA2	comp=Z,44nm,2.5s	P	P	01 07 49.0 -1.0
CSS	Magadan	74.90 23	eP	01 08 00.6 +0.8
BOSA	Prodromos	76.52 308	eP	
VRHR	comp=Z,9.0nm,1.1s	P	P	01 36 12.6
VRHR	Bosfor	76.62 242	LR	
VRHR	comp=Z,108nm,19.3s,baz=120,slow=3.1	P	P	01 07 59.5 -0.8
VRHR	Novokhosrov	76.69 325	eP	
VRHR	comp=Z,10.0nm,0.7s	P	P	
VRHR	comp=N,30nm,0.6s	P	P	
SEY	comp=E,10.0nm,0.6s	P	P	01 08 04.7 -0.8
SEY	Seymchan	77.66 21	eP	
BRTR	comp=E,9.8nm,0.8s,baz=226,slow=5.4,SNR=33	P	P	01 08 03.3 -2.2
BRTR	Keşkin Array B	77.66 312	eP	01 08 06.2 -0.2
BRTR	comp=E,42nm,20.4s,baz=108,slow=5.9	P	P	01 44 56.3
BRTR	Keşkin Array B	77.69 312c	eP	01 08 06.1 -0.3
VORD	comp=Z,8.0nm,0.8s	P	P	01 08 06.4 -1.1
VORD	Vandogriev	77.97 325	eP	
VORD	comp=Z,5.0nm,0.7s	P	P	
VORD	comp=N,10.0nm,0.6s	P	P	
VSR	comp=E,10.0nm,0.6s	P	P	01 08 07.3 -1.1
VSR	Storozhevo	78.14 325	eP	
VSR	comp=Z,10.0nm,0.7s	P	P	
VSR	comp=N,7.0nm,1.2s	P	P	
VSR	comp=E,10.0nm,0.8s	P	P	
VNDA	comp=E,2.4nm,0.8s,baz=330,slow=5.4,SNR=12	LR	LR	01 08 10.5 +1.3
VNDA	Vanda	78.36 169	P	01 38 43.8
LPSR	comp=E,124nm,18.7s,baz=306,slow=3.2	P	P	01 08 11.9 -0.4
LPSR	Galich ya Gora	78.85 326	eP	
LPSR	comp=Z,10.0nm,0.7s	P	P	
LPSR	comp=N,2.0nm,0.4s	P	P	
LPSR	comp=E,5.0nm,0.9s	P	P	
MOS	Moscow	80.82 329	eP	01 08 22.9 0.0
OBN	Obninsk	81.13 328c	iP	01 08 24.6 +0.1
OBN			i	01 08 33.1
OBN			e	01 11 32.0
OBN			eS	01 18 30.0
OBN			PnS	01 19 16.3 -6.7
OBN			Pmax	
AKASG	comp=Z,17nm,1.0s	P	P	01 08 38.5 -0.4
AKASG	Main Array B	83.87 322	P	
AKASG	comp=Z,0.5nm,0.3s,baz=86,slow=5.0,SNR=20	LR	LR	01 51 28.3
AKASG	Main Array B	85.87 322c	eP	01 08 38.7 -0.2
AKASG	comp=Z,4.0nm,0.8s	P	P	
KIEV	Kiev	83.88 322	eP	01 08 38.5 -0.5
KIEV	comp=Z,5.0nm,1.0s	P	P	
TMCR	Tamitsa	84.12 336	eP	01 08 40.5 +0.6
TMCR	comp=Z,40nm,1.0s	P	P	
VRI	Vriñcioia	84.24 317	iP	01 08 42.6 +1.6
VRI	Vriñcioia	84.24 317	iP	01 08 42.6 +1.6
PLOR	Plostina	84.29 317	iP	01 08 42.9 +1.6
PLOR	Plostina	84.29 317	iP	01 08 42.9 +1.6
TESR	Tescani	84.45 318	iP	01 08 43.2 +1.2
MLR	Muntele Rosu	84.69 317	iP	01 08 44.4 +1.0
MLR	Muntele Rosu	84.69 317	iP	01 08 44.4 +1.0
BLB	Bilibino	85.26 20	P	01 08 44.0 -1.7
BILL	comp=Z,7.0nm,0.9s	P	P	
VOIR	comp=Z,85.29 316	iP	P	01 08 47.1 +0.7
VOIR	comp=Z,85.29 316	iP	P	01 08 47.1 +0.7
BURAR	Bucovina Array	85.65 318	iP	01 08 50.1 +1.9
BURAR	Bucovina Array	85.65 318	iP	01 08 50.1 +1.9
BMR	Baia Mare	86.80 318	iP	01 08 53.3 -0.4
BMR	Baia Mare	86.80 318	iP	01 08 53.3 -0.4
LVV	L'vov	86.89 320	iP	01 08 54.3 +0.4
DRGR	comp=Z,87.16 317	iP	P	01 08 55.9 +0.4
DRGR	comp=Z,87.16 317	iP	P	01 08 55.9 +0.4
VSU	Vasula	87.33 329	eP	01 08 55.1 -0.8
VSU	comp=Z,54nm,1.7s	P	P	
TRPA	Tarpa	87.52 319	iP	01 08 58.0 +0.9
BZS	Buzias	87.69 316	iP	01 08 59.0 +1.0
BZS	Buzias	87.69 316	iP	01 08 59.0 +1.0
KWP	Kalvaria Pacla	87.69 320	eP	01 08 58.8 +0.8
KWP	Kalvaria Pacla	87.69 320	eP	01 08 58.9 +0.9
UZH	Uzhgorod	87.78 319	eP	01 08 57.9 -0.4
UZH	comp=Z,91.09 06.5	P	P	01 09 06.5
KOLS	Kolonickie sedl	87.84 319	eP	01 09 00.1 +1.4
KOLS	comp=Z,30nm,1.1s	P	P	
KOLS	Kolonickie sedl	87.84 319	eP	01 09 00.1 +1.4
FINES	FINES Array B	88.39 332	P	01 09 01.2 +0.3
FINES	comp=Z,7.3nm,0.9s,baz=119,slow=5.6,SNR=12	LR	LR	01 53 36.7
DIVS	Divlbar	88.59 314	iP	01 09 03.6 +1.2
STHS	Stebnicka Huta	88.59 320	eP	01 09 03.5 +1.3
STHS	comp=Z,9.0nm,1.1s	P	P	
STHS	Stebnicka Huta	88.59 320	eP	01 09 03.5 +1.3
NIE	Niedzica	89.19 320	eP	01 09 06.2 +1.2
NIE	Niedzica	89.19 320	eP	01 09 06.2 +1.2
PSZ	Piszkesteto	89.24 318	iP	01 09 06.4 +1.0
PSZ	Piszkesteto	89.24 318	iP	01 09 06.4 +1.0
LANS	Liptovska Anna	89.70 319	iP	01 09 09.2 +1.7
LANS	Liptovska Anna	89.70 319	iP	01 09 09.2 +1.7
PKSM	Moragy	89.84 316	iP	01 09 09.2 +1.1
PKSM	Moragy	89.84 316	iP	01 09 09.2 +1.1
PKSN	Sanae	89.88 198	P	01 09 09.7 +2.8
VYHS	Vyhne	90.02 319	eP	01 09 09.5 +0.6
VYHS	comp=Z,7.0nm,1.3s	P	P	
VYHS	Vyhne	90.02 319	eP	01 09 09.5 +0.6
ARCES	ARCES Array B	90.07 340	P	01 09 11.1 +0.1
ARCES	comp=Z,3.5nm,0.7s,baz=105,slow=4.5,SNR=16	LR	LR	01 55 51.3
ARCES	comp=Z,72nm,20.8s,baz=105,slow=4.0	LR	LR	
OKC	Ostrava-Krasne	90.65 320	eP	01 09 13.4 +1.6
OKC	Ostrava-Krasne	90.65 320	eP	01 09 13.4 +1.6
KRLC	Kraliky	91.55 320	eP	01 09 17.6 +1.5
KRLC	Kraliky	91.55 320	eP	01 09 17.6 +1.5
DPC	Dobruska-Polom	91.88 320	eP	01 09 18.0 +0.4
DPC	Dobruska-Polom	91.88 320	eP	01 09 18.0 +0.4
ARSA	Arzberg	92.09 317	iP	01 09 19.4 0.0
SOKA	Soboth	92.37 316	iP	01 09 21.1 +0.4
BRG	Berggiesshubel	93.43 321	eP	01 09 25.5 +0.8

BRG	comp=Z,5.0nm,1.2s	P	P	01 09 25.5 +0.8
BRG	Berggiesshubel	93.43 321	eP	
GERES	comp=Z,5.0nm,1.2s	P	P	01 09 25.4 +0.5
GERES	GEIES Array B	93.44 319	P	
NOA	comp=Z,0.5nm,0.5s,baz=108,slow=4.3,SNR=10	LR	LR	01 57 09.3
NOA	NORSAR Array B	95.44 331	LR	
I04A	comp=Z,18nm,19.4s,baz=95,slow=3.8	P	P	01 15 09.5 +0.2
I04A	Tendick Farm	124.81 39	P	
HUMO	Hull Mountain	125.05 40	ePKPdf	01 15 10.4 +0.7
I05D	Terrebonne, OR	125.19 38	P	01 15 11.3 +1.3
M02C	baz=125	125.71 42	P	01 15 11.9 +0.8
M02C	Callahan	125.71 42	P	01 15 11.9 +0.8
J05D	Fort Rock, OR	125.80 39	P	01 15 11.8 +0.5
O03D	Paynes Creek	126.93 42	P	01 15 13.2 -0.2
MSO	Missoula	127.90 31	P	01 15 14.9 -0.3
MSO	baz=128	127.90 31	P	01 15 14.9 -0.3
EGMT	Eagleton	129.14 28	P	01 15 18.0 +0.5
DLMT	Dillon	129.57 32	ePKPdf	01 15 20.0 +1.5
HLID	Hailey	129.73 35	P	01 15 20.1 +1.3
HLID	baz=130	129.73 35	P	01 15 20.1 +1.3
NVAR	Minna Array B	130.21 43	PKP	01 15 21.0 +1.0
NVAR	comp=Z,27.9nm,9.8s,baz=279,slow=0.9,SNR=5.9	P	P	
MPMC	Manual Prospect	131.97 45	P	01 15 24.4 +1.0
R11A	Troy Canyon, C	132.06 41	P	01 15 24.1 +0.6
BFSC	Mount Baldy Ra	132.73 47	P	01 15 26.3 +1.5
DUG	Dugway	132.74 37	P	01 15 26.5 +1.9
DUG	baz=133	132.74 37	P	01 15 26.5 +1.9
I20A	Worland	132.86 31	P	01 15 26.2 +1.5
J20A	Shoshoni	133.31 31	P	01 15 25.9 +0.3
GMRC	Granite Mounta	133.90 45	P	01 15 27.2 +0.2
J22A	Midwest	134.07 30	P	01 15 26.6 -0.4
J22A	baz=134	134.07 30	P	01 15 26.6 -0.4
MSU	Marlysvale	134.15 39	ePKPKP	01 15 29.3 +1.8
MSU	Richford	134.15 39	ePKPKP	01 15 29.3 +1.8
I25A	Rockyford	134.92 27	P	01 15 29.3 +0.7
I25A	baz=135	134.92 27	P	01 15 29.3 +0.7
O20A	White River Ci	135.46 34	P	01 15 29.9 +0.1
O20A	baz=136	135.46 34	P	01 15 29.9 +0.1
WUAZ	Wupatki	136.44 32	P	01 15 33.0 +1.3
WUAZ	baz=136	136.44 32	P	01 15 33.0 +1.3
SDCO	Great Sand Dun	138.65 35	P	01 15 35.9 0.0
T25A	Trinidad	139.69 35	P	01 15 38.0 +0.3
S26A	Kim	139.87 33	P	01 15 38.4 +0.5
S26A	baz=140	139.87 33	P	01 15 38.4 +0.5
ANMO	Albuquerque	139.96 39	iPKPKP	01 15 38.3 +0.1
ANMO	comp=Z,4.0nm,1.7s	P	P	
T26A	Comanche Natl	140.12 34	P	01 15 39.9 +1.4
CPUP	Villa Florida	143.12 210	PKP	01 15 46.1 +2.2
CPUP	comp=Z,1.5nm,0.9s,baz=97,slow=4.4,SNR=3.0	P	P	
V34A	Guthrie	144.20 29	ePKPKP	01 15 43.3 -0.4
BDFB	Brasilia	144.44 234	PKP	01 15 46.1 -0.5
BDFB	comp=Z,3.4nm,0.7s,baz=204,slow=6.7,SNR=5.1	P	P	
WMOK	Wichita Mountain	144.53 32	ePKPKP	01 15 44.0 -0.6
WMOK	Wichita Mountain	144.53 32	ePKPKP	01 15 44.0 -0.6
W34A	Bridge Creek	144.66 30	ePKPKP	01 15 45.0 -0.2
SLM	Saint Louis	144.77 18	ePKPKP	01 15 44.4 -0.9
SLM	Saint Louis	144.77 18	ePKPKP	01 15 44.4 -0.9
SSPA	Standing Stone	144.84 1	ePKPKP	01 15 44.0 -1.4
SSPA	Alum Creek Sta	144.85 48	ePKPKP	01 15 45.9 -0.9
TUL1	Tulsa	145.05 27	ePKPKP	01 15 45.5 -0.9
BLO	Bloomington	145.25 13	ePKPKP	01 15 46.5 -0.6
BLO	Bloomington	145.25 13	ePKPKP	01 15 46.5 -0.6
OLIL	Olney	145.29 15	ePKPKP	01 15 46.3 -0.8
TXAR	Lajitas Array	145.36 49	ePKPKP	01 15 48.1 +0.3
TXAR	comp=Z,2.7nm,0.8s,baz=295,slow=1.7,SNR=325	P	P	
ABTX	Abilene, Hawle	145.95 35	ePKPKP	01 15 48.2 -0.5
SIUC	Southern Iliin	145.93 17	ePKPKP	01 15 48.7 -0.4
USIN	University of	146.12 15	ePKPKP	0

27d 4h

1.8mm, 0.8s, baz=58, slow=8.0, SNR=2.0
TORO Torodi Ar. Bea 148.33 285 PKPbc PKPbc 04 58 06.1 -0.5

SZGRF 27 04:40:42.3, 9.76Sx73.53W, h33km, mb4.9, Peru-Brazil
border region
IDC 27 04:40:52.6, 0.4, 7.39S, 75.15W, h85km, 2km, mb4.7/35,
mb1 4.8/39, mb1mx4.8/48, mbtmps, 0.39, MS3.9/10,
Ms1 3.8/10, ms1mx3.6/23, Error ellipse: s-maj=14.3km
s-min=8.0km az=53.0
MOS 27 04:40:53.4, 0.9, 7.34S, 75.17W, h103km, mb5.3/53, Error
ellipse: s-maj=10.5km s-min=5.3km az=105.5
ISCJB 27 04:40:54.7, 0.6, 7.39S, 0.03x75.17W, 0.02, h119km, 5km,
mb5.2/240, Error ellipse: s-maj=5.0km s-min=3.1km
az=40.0
GCMT 27 04:40:57.0, 2.7, 46S, 75.20W, h138km, 1km, MW5.3/105,
Moment Tensor Solution, s98, c137, i105, c188,
Duration: 181 Motion length: Scale 1017Nm;
Mw=0.97±0.1; Mw=0.08±0.1; Mw=1.06±0.2; Mw=1.08±0.1;
Mw=0.12±0.2; Mw=0.26±0.2; Best double couple;
Mo1.07300x10^17 Np1.0:186.00000°, δ53.00000°,
λ-75.00000°. Np2.0:342.00000°, δ40.00000°,
λ-109.00000°. Principal axes: T 1.0990, P1g7.0000°,
Az=265.0000°; N -0.0510, P1g2.0000°, Az=357.0000°;
P -1.0460, P1g76.0000°, Az=147.0000°; nsta1 refers to
body waves, cutoff=40s. nsta2 refers to surface waves,
cutoff=50s.

BUI 27 04:40:57.3, 7.18S, 74.78W, h133km, mb5.0/15
NEIC 27 04:40:57.5, 0.7, 45S, 75.15W, h131km, 2km, mb5.2/175,
Error ellipse: s-maj=4.2km s-min=2.7km az=63.0
NEIC Felt (III) at Contamana, Curimana and Pucallpa.
ISC 27 04:40:56.9, 0.3, 7.48S, 0.04x75.17W, 0.05, h127km, 2km,
h127km, pP-P, n1001, c0871112, mb5.1/249, 8C-6D,

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists various seismic stations and their parameters.

2010 AUG

Main table listing seismic events with columns: ANWB, Station Name, Time, Az, AZ, Phase ID, Time, Res, ISC. Includes events like Willy Bob, Grand Turk, Tegich, Matias Romero, etc.

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Table listing seismic events with columns: JCT, Station Name, Time, Az, AZ, Phase ID, Time, Res, ISC. Includes events like Junction City, Ennis, Lake Whitney, etc.

27d 4h

H34A	Spellman Lake, baz=55,SNR=7.3	55.13 342	P	P	04 50 14.5 -1.5
J30A	Dallas baz=55	55.18 339	P	P	04 50 15.8 -0.6
GLA	Glamis baz=55	55.19 319	P	P	04 50 18.7 +2.0
L27A	T5 Ranch, Ellis baz=55	55.22 336	P	P	04 50 16.9 +0.1
K28A	Ten Mile Ranch baz=56	55.37 337	P	P	04 50 18.3 +0.4
M25A	Palm-Eglij Farm baz=56	55.42 334	P	P	04 50 18.6 +0.3
Y12C	Glythe baz=56	55.44 320	P	P	04 50 17.7 +0.3
H33A	Prehn Over Nor baz=56	55.45 341	P	P	04 50 18.1 -1.2
I31A	Royce, Wessing baz=56	55.46 340	P	P	04 50 17.2 -1.2
L26A	Underwood Farm baz=56	55.49 335	P	P	04 50 18.5 -0.3
H32A	Carlson Farm, baz=56	55.51 341	P	P	04 50 17.5 -1.2
PDMCI	Parker Dam,Lak baz=56	55.55 321	P	P	04 50 19.1 -0.1
J29A	Okreek baz=56	55.56 338	P	P	04 50 18.7 -0.5
I30A	Oacoma baz=56	55.67 339	P	P	04 50 18.7 -1.2
K27A	Flueckinger Fa baz=56	55.70 336	P	P	04 50 20.7 +0.4
N23A	Red Feather La baz=56,SNR=8.5	55.84 332	P	P	04 50 21.4 0.0
J28A	Allard Ranch, baz=56,SNR=12	55.92 337	P	P	04 50 21.6 -0.1
PHWY	Pilot Hill comp=Z,17nm,1.1s	55.94 333	eP	P	04 50 22.4 +0.2
PHWY			eP	pP	04 50 49.3 -3.1
PHWY			eP	pP	04 51 19.2 -0.2
L25A	Engebretsen Ra baz=56	55.97 334	P	P	04 50 22.0 -0.2
BC3	Big Chuckawall baz=56,SNR=6.4	55.97 319	P	P	04 50 22.6 +0.2
J27A	Elkhorn Farm, baz=56	55.97 337	P	P	04 50 23.3 +0.4
I29A	Vivian Onida baz=56	56.08 338	P	P	04 50 21.9 -0.9
K26A	Motz Farm, Whi baz=56	56.09 335	P	P	04 50 22.9 -0.1
IRM	Iron Mountain baz=56,SNR=13	56.10 320	P	P	04 50 23.6 +0.4
NEE2	Needles Airpor baz=56	56.16 321	P	P	04 50 23.5 0.0
K25A	Mack Ranch, Ha baz=56	56.30 335	P	P	04 50 24.7 +0.2
F33A	5 Mile Ranch, baz=57	56.35 342	P	P	04 50 23.4 -1.3
O20A	White River Ci baz=56	56.36 330	P	P	04 50 25.2 +0.1
O20A	White River Ci comp=Z,2.8nm,0.9s,baz=129,slow=7.0,SNR=10	56.36 330	eP	P	04 50 25.8 +0.6
I28A	Midland comp=Z,2.8nm,1.0s	56.38 338	P	P	04 50 24.2 -0.8
BELC	Belle Mtn. Jos baz=57,SNR=11	56.54 319	P	P	04 50 26.9 +0.5
J26A	Sides Ranch, S baz=57	56.55 336	P	P	04 50 26.8 +0.6
H29A	Onida baz=57,SNR=9.8	56.57 339	P	P	04 50 25.0 -1.2
109C	Camp Elliot, M baz=57	56.58 318	P	P	04 50 26.5 -0.1
PFO	Pinyon Flat Ob comp=Z,5.3nm,0.8s,baz=292,slow=14,SNR=4.4	56.59 319	P	P	04 50 26.8 0.0
PFO	Pinyon Flat Ob comp=Z,8.7nm,0.9s,baz=129,slow=7.0,SNR=10	56.59 319	P	P	04 51 21.0 -0.8
PFO			P	P	04 50 26.8 0.0
PFO			P	P	04 51 21.0 -0.8
PFO	comp=Z,9.0nm,0.9s		P	P	04 50 26.8 0.0
PFO			P	P	04 50 26.8 0.0
PFO	comp=Z,9.0nm,0.9s		P	P	04 50 26.8 0.0
PFO			P	P	04 50 26.8 0.0
PFO	comp=Z,5.0nm,0.8s		P	P	04 50 25.5 -1.3
PFO	Pinyon Flat Ob baz=57	56.59 319	P	P	04 50 27.2 +0.4
PFO	Pinyon Flat Ob comp=Z,9.2nm,0.8s	56.59 319	eP	P	04 50 27.2 +0.4
PFO			eP	pP	04 51 21.8 -0.1
G30A	Faultknt baz=57	56.63 340	P	P	04 50 25.8 -0.9
LDFC	Landfair comp=Z,1.4nm,0.7s	56.66 321	eP	P	04 50 28.7 +1.5
SRU	San Rafael comp=Z,1.5nm,0.9s	56.78 327	eP	P	04 50 28.4 +0.3
SRU			eP	pP	04 50 28.4 +0.3
SRU	San Rafael comp=Z,1.5nm,0.9s	56.78 327	eP	P	04 50 28.4 +0.3
I27A	Quinn baz=57	56.78 337	P	P	04 50 27.6 -0.2
K24A	Anderson Ranch baz=57	56.80 334	P	P	04 50 28.2 +0.1
GMRC	Granite Mounta baz=57,SNR=16	56.82 320	P	P	04 50 28.7 +0.3
E33A	Westby DABS, E baz=57	56.86 343	P	P	04 50 27.0 -1.3
H28A	Mission Ridge baz=57	56.90 338	P	P	04 50 28.2 -0.4
J25A	Sunshine Ranch baz=57	56.91 335	P	P	04 50 28.9 +0.1
G29A	Hoven baz=57	56.96 339	P	P	04 50 28.1 -0.9
P18A	Preston Nutter baz=57	57.01 328	eP	P	04 50 30.3 +0.5
EYMN	Ely baz=57,SNR=19	57.04 347	P	P	04 50 31.1 -1.4
EYMN	Ely comp=Z,8.1nm,0.5s	57.04 347	eP	P	04 50 28.0 -1.5
I26A	New Underwood baz=57	57.06 336	P	P	04 50 29.2 -0.7
P17A	Butcher Ranch, baz=57	57.15 328	eP	P	04 50 31.1 +0.4
P17A			eP	pP	04 51 00.7 -0.3
K23A	Bowen Ranch, D baz=57	57.17 334	P	P	04 50 30.2 -0.5
G28A	Parade baz=57	57.21 339	P	P	04 50 30.2 -0.6
F30A	Leola baz=57	57.21 340	P	P	04 50 29.9 -0.9
J24A	Dixon Ranch, L baz=57	57.22 335	P	P	04 50 31.1 0.0
MSU	Marysvalle baz=57	57.25 326	eP	P	04 50 31.6 +0.1
MSU			e	P	04 51 25.0
MSU	comp=Z,1.4nm,0.8s	57.25 326	eP	P	04 50 31.6 +0.1
MSU	Marysvalle comp=Z,1.4nm,0.8s	57.25 326	eP	P	04 50 31.6 +0.1
MSU			eP	pP	04 51 25.0 +0.6
E32A	Braaten, Kindr baz=58	57.26 342	P	P	04 50 30.3 -0.8
H27A	Howes baz=58	57.26 337	P	P	04 50 30.6 -0.6
HEC	Hector,Ludlow baz=57,SNR=5.0	57.28 320	P	P	04 50 32.0 +0.5
BBRC	Big Bear Solar baz=57	57.30 319	P	P	04 50 32.6 +0.6
I25A	Rochford baz=58	57.40 336	P	P	04 50 33.0 +0.6
TUQ	Turquoise Moun baz=58,SNR=6.0	57.40 321	P	P	04 50 32.7 +0.2
F29A	Eureka baz=58	57.48 340	P	P	04 50 31.8 -0.9
E31A	Nome baz=58,SNR=5.1	57.48 342	P	P	04 50 31.2 -1.4
K22A	Casper baz=58	57.49 333	P	P	04 50 32.8 -0.2
K22A	Casper comp=Z,3.5nm,0.8s	57.49 333	eP	P	04 50 33.4 +0.4
K22A			eP	pP	04 51 24.9 -0.3
H26A	Fairpoint baz=58	57.52 337	P	P	04 50 32.7 -0.3
RSSD	Black Hills baz=58	57.61 336	P	P	04 50 34.1 +0.2
RSSD			P	P	04 50 34.1 +0.2
RSSD	comp=Z,2.2nm,1.0s	57.61 336	eP	P	04 50 34.0 +0.2
RSSD	Black Hills comp=Z,2.2nm,1.0s	57.61 336	eP	P	04 50 34.4 +0.3
SHPR	Sheep Range baz=58	57.62 322	eP	P	04 51 25.9 +0.1
J23A	Ditts Ranch, B baz=58	57.66 334	P	P	04 50 33.5 -0.7
D32A	Dogwood Acres, baz=58	57.73 343	P	P	04 50 33.9 -0.5
RRX	Edison Barstow	57.74 320	P	P	04 50 35.1 +0.4

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PMSA	Palmer Station comp=Z,3.1nm,0.7s	57.74 174	eP	P	04 50 34.8 +0.7
E30A	Juc baz=58	57.76 341	P	P	04 50 33.6 -1.0
BFSC	Mount Baldy Ra baz=58	57.77 319	P	P	04 50 34.5 -0.6
F28A	McLaughlin baz=58	57.83 339	P	P	04 50 34.9 -0.3
G27A	Dupree baz=58	57.84 338	P	P	04 50 34.9 -0.3
H25A	Fruitdale baz=58	57.85 336	P	P	04 50 35.3 0.0
D31A	McClifflin, Tow baz=58	57.87 342	P	P	04 50 34.5 -0.8
GSC	Goldstone GSC	57.88 320	eP	P	04 50 36.5 +0.8
GSC	comp=Z,1.3nm,0.8s	57.88 320	P	P	04 50 35.9 +0.2
GSC	Goldstone baz=58,SNR=9.2	57.88 320	eP	P	04 50 36.5 +0.8
GSC	Goldstone comp=Z,1.3nm,0.8s	57.88 320	eP	P	04 50 36.5 +0.8
G26A	Maurine baz=58,SNR=22	58.02 337	P	P	04 50 35.7 -0.8
MPU	Maple Canyon comp=Z,4.0nm,1.1s	58.02 327	eP	P	04 50 37.2 +0.4
MPU			eP	pP	04 51 06.0 -1.2
MPU			eP	pP	04 51 27.5 +0.1
E29A	Napoleon baz=58,SNR=7.9	58.06 340	P	P	04 50 36.2 -0.5
I23A	Meade Ranch, G baz=58	58.07 335	P	P	04 50 36.9 -0.2
O16A	Springville comp=Z,1.2nm,1.0s	58.09 328	eP	P	04 50 30.1 -7.1
NLU	North Lily Min comp=Z,1.3nm,1.1s	58.22 327	eP	P	04 50 38.9 +0.7
DECC	Green Verdugo baz=58	58.22 318	P	P	04 50 38.3 +0.2
D30A	Buchanan baz=58,SNR=24	58.25 341	P	P	04 50 37.2 -0.5
G25A	Nevel baz=58,SNR=12	58.25 337	P	P	04 50 37.2 -0.9
F27A	Lemmon baz=58	58.29 338	P	P	04 50 37.9 -0.5
EDW2	Edwards Air Fo baz=59	58.38 319	P	P	04 50 39.3 +0.1
E28A	Huff baz=59,SNR=30	58.42 340	P	P	04 50 39.2 0.0
AGMN	Agassiz Nation baz=59	58.46 344	P	P	04 50 38.5 -0.9
AGMN	Agassiz Nation baz=59	58.46 344	eP	P	04 50 38.7 -0.7
J21A	Lysite baz=59	58.46 333	P	P	04 50 39.7 -0.1
I22A	9 Mile Ranch, baz=59,SNR=20	58.46 334	P	P	04 50 39.3 -0.4
D29A	Pettibone, Tap baz=59	58.48 341	P	P	04 50 38.9 -0.7
F26A	Lodgepole baz=59	58.52 338	P	P	04 50 39.2 -0.8
LRMC	Laurel Mountai baz=59	58.55 320	P	P	04 50 40.3 -0.2
CTU	Camp Tracy comp=Z,1.7nm,1.1s	58.57 328	eP	P	04 50 41.1 +0.5
TPNV	Topkap Spring baz=59	58.58 322	P	P	04 50 41.3 +0.6
E27A	Carson baz=59	58.60 339	P	P	04 50 40.2 -0.3
BLG	Laguna Peak baz=59	58.62 318	P	P	04 50 41.3 +0.4
FURC	Furnace Creek, baz=59	58.65 321	P	P	04 50 41.6 +0.7
C30A	Mose, Pekin baz=59	58.69 342	P	P	04 50 40.3 -0.7
TCUT	Toone Canyon comp=Z,4.2nm,0.7s	58.70 328	eP	P	04 50 41.8 +0.2
TCUT			eP	pP	04 51 30.3 +0.1
B32A	Ashes, Strandq baz=59	58.73 343	P	P	04 50 39.9 -1.4
I21A	Big Trails, Te baz=59	58.75 333	P	P	04 50 40.8 -1.0
J20A	Shoshoni baz=59	58.75 332	P	P	04 50 41.7 0.0
DUG	Dugway baz=59	58.78 327	eP	P	04 50 42.5 +0.5
DUG			eP	pP	04 50 42.5 +0.5
DUG	comp=Z,4.3nm,1.1s	58.78 327	P	P	04 50 42.2 +0.1
DUG	Dugway baz=59	58.78 327	eP	P	04 50 42.5 +0.5
DUG	Dugway comp=Z,4.3nm,1.1s	58.78 327	eP	P	04 50 42.5 +0.5
MPMC	Manual Prospec baz=59	58.78 320	P	P	04 50 42.1 -0.1
F25A	Bowman baz=59	58.88 337	P	P	04 50 42.1 -0.3
D28A	Regan baz=59	58.92 340	P	P	04 50 42.2 -0.4
H22A	Oleomont baz=59	58.96 334	P	P	04 50 42.7 -0.4
E26A	Carlson Angus baz=59,SNR=8.0	58.96 338	P	P	04 50 42.6 -0.5
DAC	Darwin (Calif) baz=59	58.99 320	eP	P	04 50 43.1 -0.4
DAC			e	P	04 51 31.0
DAC			P	P	04 50 43.1 -0.4
DAC	comp=Z,4.0nm,0.8s	58.99 320	eP	P	04 50 43.1 -0.4
DAC	Darwin (Calif) comp=Z,4.0nm,0.8s	58.99 320	eP	P	04 51 31.0 -0.3
BW06	Boulder Arroyo comp=Z,1.5nm,1.0s	59.00 331	eP	P	04 50 42.4 -1.2
BW06			eP	pP	04 51 30.9 -0.3
ARVC	Arvin baz=59	59.08 319	P	P	04 50 44.1 +0.1
B31A	Greenbush Farm baz=59	59.08 343	P	P	04 50 42.7 -0.9
R11A	Troy Canyon, C baz=59,SNR=29	59.09 324	P	P	04 50 44.8 +0.6
R11A	Troy Canyon, C comp=Z,9.4nm,0.6s	59.09 324	eP	P	04 50 44.8 +0.6
HWUT	Hardware Ranch comp=Z,3.0nm,0.8s	59.14 329	eP	P	04 50 44.1 -0.4
J19A	Crowheart baz=59	59.14 332	P	P	04 50 43.9 -0.6
ISA	Isabella baz=59	59.17 319	eP	P	04 50 43.5 -1.2
ISA			e	P	04 51 31.8
ISA			P	P	04 50 44.8 +0.1
ISA	comp=Z,9.0nm,1.0s	59.17 319	P	P	04 50 44.8 +0.1
ISA	Isabella baz=59,SNR=8.5	59.17 319	eP	P	04 50 43.5 -1.2
ISA	Isabella comp=Z,9.3nm,1.0s	59.17 319	eP	P	04 51 31.8 -0.1
ISA			eP	pP	04 50 44.2 -0.2
MDND	Maddock baz=59	59.17 341	P	P	04 50 43.9 -0.5
MDND	Maddock comp=Z,1.26nm,1.0s	59.17 341	eP	P	04 50 43.9 -0.5
D27A	Center baz=59	59.17 339	P	P	04 50 44.3 -0.1
I20A	Worland baz=59	59.24 333	P	P	04 50 44.7 -0.3
SBC	Santa Barbara baz=59	59.25 318	P	P	04 50 44.8 -0.4
H21A	Big Horn, Sher baz=59	59.29 334	P	P	04 50 44.6 -0.8
B30A	Myrvik Farm, E baz=60	59.30 342	P	P	04 50 44.5 -0.8
C28A	Hausauer Farms baz=60,SNR=6.2	59.31 340	P	P	04 50 45.1 -0.2
E25A	Miller Ranch, baz=60	59.34 338	P	P	04 50 45.3 -0.3
SPUT	South Promonto comp=Z,3.9nm,1.2s	59.38 328	eP	P	04 50 45.9 -0.3
CWC	Cottonwood Crc comp=Z,6.0nm,0.8s	59.39 320	P	P	04 50 46.0 -0.4
BGU	Big Grassy Moun comp=Z,7.2nm,0.7s	59.4			

27D 5h

Table with columns: ICRD, Name, Time, Az, El, P, K, Az, El, P, K, Az, El, P, K. Includes stations like Kerdah, Yuzh-Sakhalins, BOD, NVS, IMYA, ASAR, etc.

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Table with columns: GUN, Name, Time, Az, El, P, K, Az, El, P, K, Az, El, P, K. Includes stations like Gumba, RAMIN, SOEI, LSA, etc.

1390

Table with columns: WTP, Name, Time, Az, El, P, K, Az, El, P, K, Az, El, P, K. Includes stations like baz=333, TWK, CHN4, etc.

27d 6h

Table with columns for station code, name, frequency, and signal strength. Includes stations like WRA, NLAI, GUMO, etc.

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Table with columns for station code, name, frequency, and signal strength. Includes stations like KTGMM, NJ2, IPM, etc.

1392

Table with columns for station code, name, frequency, and signal strength. Includes stations like HHC, LZH, PETK, etc.

27d 9h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PAX Sawmill, SML Sawmill, ILAR Elison Array, etc.

MEX 27 09:12:14.0, 0.3, 67.22N, 97.94W, h8km, 5km, MD4.0, Oaxaca

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PNIG Pinotepa, VHO Vista Hermosa, etc.

ISCJB 27 09:14:22.2, 0.5, 39.91N, 0.02, 29.19E, 0.04, h4km, 6km, Error ellipse: s-maj=4.9km s-min=3.7km az=20.9

CSEM 27 09:14:22.4, 0.1, 39.93N, 29.18E, h8km, MD2.7, Error ellipse: s-maj=2.2km s-min=2.0km az=143.0

DDA 27 09:14:22.3, 39.92N, 29.19E, h7km, MD2.7

ISK 27 09:14:22.0, 39.94N, 29.18E, h7km, MD2.7

ISC 27 09:14:22.6, 0.9, 39.92N, 0.02, 29.19E, 0.02, h10km, 9km, n38, 0.61/54, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ULDT Uludag, ORLT Orhaneli, etc.

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Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KULA Kula-Manisa, SVRH Sivrihisar-ESK, etc.

IDC 27 09:31:12.5, 48.0, 18.32S, 171.03W, h0km, mb4.0/3, mbl 4.2/3, mb1mx3.722, mbmp4.0/3, Error ellipse: s-maj=936.6km s-min=186.4km az=83.0, Tonga Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, ASAR Alice Springs, WRA Warrungarra Arr, etc.

ISCJB 27 09:33:40.7, 0.4, 24.03N, 0.02, 122.64E, 0.02, h27km, 4km, Error ellipse: s-maj=3.4km s-min=2.4km az=163.9

JMA 27 09:33:40.7, 0.1, 24.05N, 122.62E, h26km, 3km, M2.8

TAP 27 09:33:41.2, 24.07N, 122.65E, h46km, 1km, ML3.6, C

ISC 27 09:33:40.7, 1.1, 24.03N, 0.03, 122.64E, 0.02, h24km, 13km, n57, 0.91/109, 2C-32, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JYNG Yonagunijimaka, YOJ Yonaguni jima, ENA Nanau, etc.

ISCJB 27 09:45:41.2, 1.7, 20.9S, 0.3, 178.1W, 0.3, h495km, mb4.0/9, Error ellipse: s-maj=47.2km s-min=18.3km az=135.5

IDC 27 09:45:40.6, 0.7, 20.93S, 178.16W, h526km, 61km, mb3.6/9, mbl 3.7/10, mb1mx3.3/36, mbmp4.4/10, Error ellipse: s-maj=59.4km s-min=28.0km az=124.0

ISC 27 09:45:41.6, 1.5, 21.0S, 0.3, 178.0W, 0.2, h495km, n25, 0.68/25, mb4.0/9, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, CTA Charters Tower, CMSA Cobar Meteorol, etc.

HEL 27 09:53:52.0, 0.6, 67.55N, 34.35E, h0km, ML2.1, Explosion

NAO 27 09:53:54.0, 1.5, 67.72N, 34.00E, ML2.5

CSEM 27 09:53:55.2, 1.1, 67.54N, 33.61E, h2km, ML2.5, Error ellipse: s-maj=21.3km s-min=8.7km az=93.0, Mining explosion

ISC 27 09:53:53.1, 2.1, 67.61N, 0.04, 34.0E, 0.1, h0km, n23, 0.13/41, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like APA0 Apaty Array, APA0 Apaty Array, etc.

1396

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ALS baz=251, TCU Taichung, CHNS Tsauling, etc.

ISCJB 27 09:45:41.2, 1.7, 20.9S, 0.3, 178.1W, 0.3, h495km, mb4.0/9, Error ellipse: s-maj=47.2km s-min=18.3km az=135.5

IDC 27 09:45:40.6, 0.7, 20.93S, 178.16W, h526km, 61km, mb3.6/9, mbl 3.7/10, mb1mx3.3/36, mbmp4.4/10, Error ellipse: s-maj=59.4km s-min=28.0km az=124.0

ISC 27 09:45:41.6, 1.5, 21.0S, 0.3, 178.0W, 0.2, h495km, n25, 0.68/25, mb4.0/9, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, CTA Charters Tower, CMSA Cobar Meteorol, etc.

HEL 27 09:53:52.0, 0.6, 67.55N, 34.35E, h0km, ML2.1, Explosion

NAO 27 09:53:54.0, 1.5, 67.72N, 34.00E, ML2.5

CSEM 27 09:53:55.2, 1.1, 67.54N, 33.61E, h2km, ML2.5, Error ellipse: s-maj=21.3km s-min=8.7km az=93.0, Mining explosion

ISC 27 09:53:53.1, 2.1, 67.61N, 0.04, 34.0E, 0.1, h0km, n23, 0.13/41, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like APA0 Apaty Array, APA0 Apaty Array, etc.

27d 14h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MEM Membach, GERES GERRS Array B, VOIR Warramunga Arr, etc.

IDC 27 12:52:22.6:5.0,21:55S:177:68W,h355km,110km, mb3.6/5,mb1.3,3.67,mb1mx3.2/30,mbtmp4.3/7,Error ellipse: s-maj=82.7km s-min=19.9km az=90.0

AUST 27 12:52:35.1:16.0,20:58S:177:40W,h564km,2km, Error ellipse: s-maj=7.3km s-min=3.0km az=312.0

ISC 27 12:52:26.0:9.2,20:8S:0:3:178:3W,0:2,h365km,n17, 0:14/16,mb3.7/5,Fiji Islands Region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NIUE Niue, AFI Afiamalu, AFU Ulupe, etc.

IDC 27 12:53:29.3:12.0,63:92N:159:29E,h0km, Error ellipse: s-maj=108.3km s-min=29.4km az=50.0, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I44RU PETROPAVLOVSK, PETK Petropavlovsk, I45RU USURIVSK INFR, etc.

IDC 27 13:10:55.0:4.2,5:79S:149:80E,h0km,mb3.1/2, mb1.3/5,mb1mx3.3/2,mbtmp3.3/2, Error ellipse: s-maj=140.6km s-min=54.0km az=114.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, TORD Torodi Arr, etc.

ISCJB 27 13:28:53.6:0.7,41:41N:0:05:35:17E,0:05,h10km,9km, Error ellipse: s-maj=7.9km s-min=5.8km az=4.1

CSEM 27 13:28:53.6:0.3,41:39N:35:16E,h10km,MD2.7, Error ellipse: s-maj=6.4km s-min=5.6km az=92.0

ISK 27 13:28:53.3:41.46N:35:11E,h5km,MD2.5

DDA 27 13:28:53.1:41.43N:35:16E,h7km,MD2.5

ISC 27 13:28:53.4:1.0,41:39N:0:04:35:18E,0:03,h9km,10km, n14,0:59/24,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BOYT Boyabat, DIKM Dikmen, HAVZ Havza, etc.

ISCJB 27 13:44:21.0:0.6,6:89N:0:06:73:03W,0:07,h166km, mb3.2/1, Error ellipse: s-maj=12.0km s-min=5.8km az=37.1

FUNV 27 13:44:21.8:6:77N:73:10W,h166km,MW3.6

IDC 27 13:44:24.2:6.5,6:67N:73:30W,h181km,39km,mb2.9/1, mb1.3/6,mb1mx3.1/20,mbtmp3.7/2, Error ellipse: s-maj=12.5km s-min=39.5km az=73.0

ISC 27 13:44:21.4:1.1,6:87N:0:07:73:02W,0:08,h166km,n21, 0:05/26,3C,Northern Colombia

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CAPV Capacho, EI ROSAL, EI VIGIA, etc.

NOU 27 13:58:58.2:1.4,20:85S:168:78E,h30km,MD3.2,ML2.2, MS5.0,Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LIFUNC LIFOU, BAYA Yate Dam, PLUM Mont Dore, etc.

IDC 27 14:37:58.5:2.5,16:02S:173:51W,h0km,mb3.8/5, mb1.2/4,mb1mx3.7/29,mbtmp3.7/6,ML3.3/1,MS3.2/4, Ms1 3.2/4,ms1mx2.8/38, Error ellipse: s-maj=138.6km s-min=19.7km az=142.0,Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalu, H11S2 WAKE ISLAND Hy, H11S3 WAKE ISLAND Hy, etc.

IDC 27 14:42:48.9:0.6,35:90N:73:45E,h0km,mb4.1/21, mb1.4/22,mb1mx4.2/33,mbtmp4.1/27,ML3.8/6,MS3.4/13, Ms1 3.4/13,ms1mx3.1/45, Error ellipse: s-maj=17.4km s-min=12.0km az=23.0

ISCJB 27 14:42:53.1:0.2,35:97N:0:02:73:43E,0:04,h35km, mb4.1/33,MS3.3/11, Error ellipse: s-maj=4.7km s-min=2.6km az=163.9

MOS 27 14:42:55.5:1.6,36:07N:73:56E,h49km,mb4.5/14, Error ellipse: s-maj=9.7km s-min=5.3km az=97.1

NEIC 27 14:42:55.4:1.6,35:97N:73:49E,h48km,14km,mb4.0/6, Error ellipse: s-maj=14.2km s-min=8.0km az=203.0

NMC 27 14:42:58.8:2.8,36:07N:73:41E,h144km,13km,mb3.5, mpv4.2, Error ellipse: s-maj=21.8km s-min=15.3km az=163.0

BUI 27 14:42:58.5:36:19N:73:89E,h50km,mb4.2/12,mb4.3/7, ml4.4/34,MS3.8/3

ISC 27 14:42:58.0:3.3,35:94N:0:03:73:46E,0:04,h35km,n144, 2:503/13,mb4.2/33,MS3.3/11,20C-14D,Northern Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHCP Chirah Chowk, CEP Cherat, THW Thamee Wali, etc.

IDC 27 14:42:58.0:3.3,35:94N:0:03:73:46E,0:04,h35km,n144, 2:503/13,mb4.2/33,MS3.3/11,20C-14D,Northern Turkey

IDC 27 14:42:58.0:3.3,35:94N:0:03:73:46E,0:04,h35km,n144, 2:503/13,mb4.2/33,MS3.3/11,20C-14D,Northern Turkey

IDC 27 14:42:58.0:3.3,35:94N:0:03:73:46E,0:04,h35km,n144, 2:503/13,mb4.2/33,MS3.3/11,20C-14D,Northern Turkey

IDC 27 14:42:58.0:3.3,35:94N:0:03:73:46E,0:04,h35km,n144, 2:503/13,mb4.2/33,MS3.3/11,20C-14D,Northern Turkey

1402

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Simla, KYZART, MANAS, etc.

IDC 27 14:42:58.0:3.3,35:94N:0:03:73:46E,0:04,h35km,n144, 2:503/13,mb4.2/33,MS3.3/11,20C-14D,Northern Turkey

IDC 27 14:42:58.0:3.3,35:94N:0:03:73:46E,0:04,h35km,n144, 2:503/13,mb4.2/33,MS3.3/11,20C-14D,Northern Turkey

IDC 27 14:42:58.0:3.3,35:94N:0:03:73:46E,0:04,h35km,n144, 2:503/13,mb4.2/33,MS3.3/11,20C-14D,Northern Turkey

IDC 27 14:42:58.0:3.3,35:94N:0:03:73:46E,0:04,h35km,n144, 2:503/13,mb4.2/33,MS3.3/11,20C-14D,Northern Turkey

IDC 27 14:42:58.0:3.3,35:94N:0:03:73:46E,0:04,h35km,n144, 2:503/13,mb4.2/33,MS3.3/11,20C-14D,Northern Turkey

IDC 27 14:42:58.0:3.3,35:94N:0:03:73:46E,0:04,h35km,n144, 2:503/13,mb4.2/33,MS3.3/11,20C-14D,Northern Turkey

IDC 27 14:42:58.0:3.3,35:94N:0:03:73:46E,0:04,h35km,n144, 2:503/13,mb4.2/33,MS3.3/11,20C-14D,Northern Turkey

IDC 27 14:42:58.0:3.3,35:94N:0:03:73:46E,0:04,h35km,n144, 2:503/13,mb4.2/33,MS3.3/11,20C-14D,Northern Turkey

IDC 27 14:42:58.0:3.3,35:94N:0:03:73:46E,0:04,h35km,n144, 2:503/13,mb4.2/33,MS3.3/11,20C-14D,Northern Turkey

IDC 27 14:42:58.0:3.3,35:94N:0:03:73:46E,0:04,h35km,n144, 2:503/13,mb4.2/33,MS3.3/11,20C-14D,Northern Turkey

IDC 27 14:42:58.0:3.3,35:94N:0:03:73:46E,0:04,h35km,n144, 2:503/13,mb4.2/33,MS3.3/11,20C-14D,Northern Turkey

IDC 27 14:42:58.0:3.3,35:94N:0:03:73:46E,0:04,h35km,n144, 2:503/13,mb4.2/33,MS3.3/11,20C-14D,Northern Turkey

IDC 27 14:42:58.0:3.3,35:94N:0:03:73:46E,0:04,h35km,n144, 2:503/13,mb4.2/33,MS3.3/11,20C-14D,Northern Turkey

IDC 27 14:42:58.0:3.3,35:94N:0:03:73:46E,0:04,h35km,n144, 2:503/13,mb4.2/33,MS3.3/11,20C-14D,Northern Turkey

IDC 27 14:42:58.0:3.3,35:94N:0:03:73:46E,0:04,h35km,n144, 2:503/13,mb4.2/33,MS3.3/11,20C-14D,Northern Turkey

IDC 27 14:42:58.0:3.3,35:94N:0:03:73:46E,0:04,h35km,n144, 2:503/13,mb4.2/33,MS3.3/11,20C-14D,Northern Turkey

IDC 27 14:42:58.0:3.3,35:94N:0:03:73:46E,0:04,h35km,n144, 2:503/13,mb4.2/33,MS3.3/11,20C-14D,Northern Turkey

IDC 27 14:42:58.0:3.3,35:94N:0:03:73:46E,0:04,h35km,n144, 2:503/13,mb4.2/33,MS3.3/11,20C-14D,Northern Turkey

IDC 27 14:42:58.0:3.3,35:94N:0:03:73:46E,0:04,h35km,n144, 2:503/13,mb4.2/33,MS3.3/11,20C-14D,Northern Turkey

IDC 27 14:42:58.0:3.3,35:94N:0:03:73:46E,0:04,h35km,n144, 2:503/13,mb4.2/33,MS3.3/11,20C-14D,Northern Turkey

IDC 27 14:42:58.0:3.3,35:94N:0:03:73:46E,0:04,h35km,n144, 2:503/13,mb4.2/33,MS3.3/11,20C-14D,Northern Turkey

IDC 27 14:42:58.0:3.3,35:94N:0:03:73:46E,0:04,h35km,n144, 2:503/13,mb4.2/33,MS3.3/11,20C-14D,Northern Turkey

IDC 27 14:42:58.0:3.3,35:94N:0:03:73:46E,0:04,h35km,n144, 2:503/13,mb4.2/33,MS3.3/11,20C-14D,Northern Turkey

IDC 27 14:42:58.0:3.3,35:94N:0:03:73:46E,0:04,h35km,n144, 2:503/13,mb4.2/33,MS3.3/11,20C-14D,Northern Turkey

IDC 27 14:42:58.0:3.3,35:94N:0:03:73:46E,0:04,h35km,n144, 2:503/13,mb4.2/33,MS3.3/11,20C-14D,Northern Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PALK, STKA, ASAR, WRA, PETK.

DDA 27 15:32:04.4, 39.43N, 31.63E, h16km, MD2.7
ISCJB 27 15:32:06.0, 0.5, 39.46N, 0.04, 31.40E, 0.05, h4km, 9km,
Error ellipse: s-maj=7.0km s-min=5.9km az=15.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SVRH, SVRH, SVRH, AUSV, AUSV, AMUH, AMUH, ESKT, ESKT, KIZT, KIZT, BOLV, BOLV, BOLV, BOLV, BORA, BORA, BORA, MDUB, MDUB, MDUB, GULT, GULT, AFSR, AFSR, AFSR, CAVI, CAVI, CAVI.

ISK 27 15:33:20.7, 37.27N, 28.26E, h11km, MD2.7
CSEM 27 15:33:21.2, 0.3, 37.23N, 28.22E, h12km, MD2.7, Error
ellipse: s-maj=10.3km s-min=6.4km az=41.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include YER, YER, YER, TURN, TURN, TURN, TURN, AYDN, AYDN, AYDN, DALY, DALY, DALY, BDRM, BDRM, BDRM, BDRM, BODT, BODT, BODT, AYDB, AYDB, AYDB, NIS1, NIS1, NIS1, NIS1.

IDC 27 15:42:03.7, 0.6, 10.93N, 92.11E, h0km, mb4.0/20,
mb1.4, 1/22, mb1mx3.0/40, mbtmp4.0/22, ML3.9/2, MS3.8/3,
Ms1.3, 6/3, ms1mx2.0/42, Error ellipse: s-maj=18.8km
s-min=11.1km az=44.0

NEIC 27 15:42:08.8, 0.4, 10.95N, 92.11E, h35km, mb4.4/2, Error
ellipse: s-maj=10.7km s-min=10.1km az=66.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PBA, PBA, PBA, DGPR, DGPR, DGPR, CMBY, CMBY, CMBY, CMAR, CMAR, CMAR, VIS, VIS, VIS, VIS, VIS, VIS, PALK, PALK, PALK, PALK, ODAN, ODAN, ODAN, TAMN, TAMN, TAMN, PKI, PKI, PKI, PKIN, PKIN, PKIN, DMN, DMN, DMN, KKN, KKN, KKN, GKN, GKN, GKN, KOLN, KOLN, KOLN, LSA, LSA, LSA, H0S3, H0S3, H0S3, H0S2, H0S2, H0S2, H0S1, H0S1, H0S1, MKAR, MKAR, MKAR, KKAR, KKAR, KKAR, BATI, BATI, BATI, SONM, SONM, SONM, GEYT, GEYT, GEYT, KURBB, KURBB, KURBB.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KURK, KURK, KSRK, ZALV, FITZ, BVAR, ABKAR, WRA, ASAR, BRTR, STKA, PETK, FINES, FINES, ARCES, BOS, NOA, KEST, ESDC, TOR, ILAR.

AUST 27 15:49:13.9, 1.8, 5.66S, 101.53E, h0km, Error ellipse:
s-maj=1.1km s-min=0.9km az=234.0
IDC 27 15:49:13.5, 0.7, 5.62S, 101.50E, h0km, mb4.2/21,
LHS1 1.4/3/3, ms1mx2.9/34, mbtmp4.2/23, ML4.1/2, MS3.5/3,
Ms1.3, 6/3, ms1mx2.9/34, Error ellipse: s-maj=23.7km
s-min=11.1km az=44.0

ISCJB 27 15:49:15.4, 0.3, 5.61S, 101.50E, 0.05, h24km,
mb4.3/25, MS3.4/3, Error ellipse: s-maj=7.6km
s-min=4.1km az=35.6

DJA 27 15:49:15.2, 0.5, 6.53S, 101.20E, h10km, M4.8/15, mb5.1/6,
mb5.4/3, MLV4.6/15, Mw(mb)4.9/3
NEIC 27 15:49:18.0, 0.5, 5.57S, 101.61E, h35km, mb4.6/4, Error
ellipse: s-maj=14.0km s-min=6.4km az=218.0

ISC 27 15:49:17.2, 0.6, 5.58S, 107.110E, 0.06, h24km, n87,
+19.6/1, mb4.4/25, MS3.0/3, Southwest of Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MNAI, MNAI, MNAI, KSI, LWLI, LHS1, MDSI, KASI, PPSI, KLI, GLSI, JMBI, SISI, CNJI, LEM, LEM, LEM, XMSI, CISI, CISI, CISI, CMI, GSI, GSI, UGM, UGM, PCJI, JAGI, KAPI, SOEI, CMAR, CMAR, PALK, FITZ, FITZ, KNRA, H0S2, H0S2, H0S1, MTN, H0W3, H0W2, H0W1, WRKA, WRA, WRAN, WRAN, MTN, RAMN, ASAR, PKI, PKI, DMN, KKN, KKN, KKN, QIS.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MTSU, HTT, STKA, STKA, QLP, CMSA, KSAR, KSAR, SONM, SONM, ULN, MJAR, EKS2, MK31, MKAR, USRK, GEYT, KURBB, KURK, ZALV, BVAR, ABKAR, KBZ, BRTR, Vnda, AKASG, AKASG, FINES, ARCES, ARCES, NVAR, NVAR, NVAR.

ISCJB 27 15:52:09.0, 0.5, 20.73S, 0.04, 68.68W, 0.09, h100km, 9km,
mb4.1/3, Error ellipse: s-maj=14.5km s-min=6.4km
az=11.0

GUC 27 15:52:11.7, 0.5, 20.74S, 69.06W, h108km, 4km, ML4.2
IDC 27 15:52:13.1, 1.5, 20.79S, 68.48W, h108km, 12km, mb4.1/3,
mb1.3, 9/6, mb1mx3.4/30, mbtmp4.2/6, MS2.2/1, Ms1.2/2,
ms1mx2.1/26, Error ellipse: s-maj=33.7km s-min=12.0km
az=115.0

ISC 27 15:52:10.8, 0.8, 20.71S, 0.05, 68.72W, 0.08, h95km, 10km,
n16, +19.6/21, mb4.2/3, 3C, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PB01, PB01, PB01, PB01, PB07, PB07, PB07, PB04, PB04, MACH, MACH, MACH, MACH, MACH, LVC, LVC, LVC, PB06, PB06, LPAZ, LPAZ, SIV, SIV, CFAA, CFAA, CFAA, CFPA, CFPA, CFPA, PMSA, PMSA, DBIC, TOR, TOR, MKAR, MKAR.

ISCJB 27 16:01:19.6, 2.0, 16.8S, 0.7, 179.3W, 0.5, h533km, mb3.1/5,
Error ellipse: s-maj=112.6km s-min=18.5km az=145.0
IDC 27 16:01:21.1, 1.5, 17.09S, 179.15W, h550km, 59km, mb2.7/5,
mb1.0/6, mb1mx2.8/31, mbtmp3.7/6, Error ellipse:
s-maj=106.6km s-min=28.4km az=145.0

ISC 27 16:01:19.7, 2.1, 17.0S, 0.7, 179.2W, 0.5, h533km, n8,
+06.6/8, mb3.3/5, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DZM, DZM, STKA, WRA, ASAR, ASAR, NVAR, ILAR, BRTR, GERES, GERES.

IDC 27 17:01:47.5, 1.1, 2.37N, 128.58E, h0km, mb3.7/5,
n3.7/6, mb1mx3.5/24, mbtmp3.7/6, ML3.4/1, Error
ellipse: s-maj=65.1km s-min=18.3km az=70.0,
Halmaera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SIJ, SIJ, SIJ.

Table with columns: WRA, ASAR, STKA, USRK, MKAR. Includes station names, coordinates, and time/residual data.

IDC 27 17:17:38.0-6.6, 21.765x179.25E, h630km, 67km, mb3.3/5, mb1 3.3/7, mb1mx3.0/20, mbtmp4.3/7, Error ellipse: s-maj=88.1km s-min=37.2km az=64.0, South of Fiji

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like DZM, URZ, CTA, STKA, ASAR, WRA, JAY.

DDA 27 17:26:00.9, 37.93N-29.16E, h10km, MD3.1
ISK 27 17:26:01.0, 37.90N-29.13E, h5km, MD3.1
CSEM 27 17:26:02.0, 37.90N-29.15E, h2km, MD3.1, Error ellipse: s-maj=4.0km s-min=3.2km az=112.0, h2km, 12km, n83, r1527/99, Turkey

Large table listing stations from DENT to ALN with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

ISCJB 27 17:31:02.7-1.1, 10.83N-0.08-62.38W, 0.05, h110km, 8km, Error ellipse: s-maj=12.8km s-min=7.4km az=1.5

FUNV 27 17:31:03.4, 10.94N-62.27W, h99km, MW2.9
TRF 27 17:31:05.5, 11.8, 10.94N-62.17W, h99km, MD3.2
ISC 27 17:31:01.6, 11.8, 10.94N-62.36W, 0.05, h116km, 11km, n13, r17021, 2C-2D, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like GUIV, GUVI.

Table with columns: TCE, TCE, CRUV, CRUV, GUNV, GUNV, TRN, TRN, TRP, TRP, TPP, TPP, BOT, BOT, PCRV, PCRV, RIOV, RIOV, GURV, GURV, LUEV, LUEV, BAUV, BAUV. Includes station names, coordinates, and time/residual data.

NEIC 27 17:32:48.0, 33.22N-115.63W, h2km, ML3.6(PAS), After PAS, Southern California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like CLIC, FRK, BATC, BTCC, GORC, HAY, CTW, CTCX, COA, CBA, GORC, IBP, GLA, EMSC, PFO, FRD, SUDA, DNR, TRC, CRY, IRM, BAR, PLM, BLYC, DGR, BACC, HMITO, CPE, DANC, GMRC, LDPC, DSC, SSK, GSC, GSC, GSC, PASC, PASAD, 214A, 214A, 214A, OSIO, SHPR, SHPR, SHPR, ISA, DAC, DAC, DAC, BAK, TPNV, WUJAZ, ECU, RT1A, W18A, MSU, 121A, TMUT, DUG, ELK.

NOU 27 17:41:20.4-2.6, 17.77S-168.05E, h25km, 999km, MD3.3
IDC 27 17:41:27.0-10.0, 18.25S-166.51E, h0km, mbs.9/3, m1 4.0/4, mb1mx3.0/20, mbtmp3.9/4, ML3.1, M2.9/4, M1 2.9/4, m1mx2.7/25, Error ellipse: s-maj=181.5km s-min=35.1km az=61.0

ISC 27 17:41:21.0-3.8, 17.95S-0.1x167.6E, 0.4, h23km, n10, r1525/11, mb4.0/3, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like LIFNC, LIFNC, DZM, DZM, DZM, DZM, DZM, DZM, STKA, STKA, WRA, WRA, ALR, ALR, TLY.

KRSC 27 17:46:52.7-2.4, 49.65N-156.92E, h15km, 10km, ML3.7, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like SKR, SKR, PAU, PAU, ASAK, RUS, RUS, PET, UGLR, KOK, SMAR, KRK, SDLR, KRX, SPN, GNL, MKZ, KBTR.

ISCJB 27 17:58:42.0-0.6, 22.15N-0.03-120.12E, 0.03, h56km, 4km, Error ellipse: s-maj=5.3km s-min=3.8km az=146.6

TAP 27 17:58:42.1, 22.13N-120.07E, h40km, ML3.6, C

JMA 27 17:58:43.2, 22.13N-120.17E, h69km, 3km, M3.4

ISC 27 17:58:41.9-1.8, 22.09N-0.06-120.02E, 0.06, h46km, 12km, n62, r092/121, 5C-3D, Taiwan

Large table listing stations from Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like HEN, HEN, TWK1, TWK1, SGLT, SGLT, SGLT, TWM1, TWM1, TWM1, EAST, EAST, TSEB, TSEB, TAW, TAW, SSD, SSD, SSD, TAI, TAI, ECL, ECL, CHN3, CHN3, CHN3, SCLT, SCLT, SCLT, SGST, SGST, CHN1, CHN1, CHN1, WDG, WDG, TWG, TWG, TTN, TTN, TTN, TWK, TWK, TWK, STYT, STYT, WTP, WTP, CHN4, CHN4, CHN4, LAY, LAY, LAY, ELDTW, ELDTW, ELDTW, CHY, CHY, CHY, PNG, PNG, PNG, WSF, WSF, WSF, ALS, ALS, ALS, CHKT, CHKT, CHKT, CHN5, CHN5, CHN5, YUS, YUS, YUS, WKG, WKG, WKG, TWF1, TWF1, TWF1, EHY, EHY, EHY, WNT, WNT, WNT, WNT, WNT, WNT, SMLT, SMLT, SMLT, TYC, TYC, TYC, TCU, TCU, TCU.

27d 19h

Table with columns for station name, frequency, power, and other technical details. Includes stations like MNGR Mingechevir, SEKA Sheki, and KARATAY Array.

2010 AUG

Table with columns for station name, frequency, power, and other technical details. Includes stations like KARATAY Array, ANAPA, and MANAS.

1408

Table with columns for station name, frequency, power, and other technical details. Includes stations like BRVK Borovoye, BVAO Borovoye Array, and CSS Prodromos.

27d 19h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MMNY Mt. Morris Dam, EDM Edmonton, EYMN Ely, etc.

2010 AUG

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like GCMT Greycliff, LON Longmire, BOZ Bozeman (W), etc.

1418

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like SDV Kingsville, KVTX Kingsville, TXAR Lajitas Array, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and other parameters. Includes stations like CBJ Chichi jima, CBJ Chichi jima, etc.

ISCJB 27 19:50:09.6,0.6,39.92N,0.02:39.81E,0.04,h2km,5km, Error ellipse: s-maj=5.4km s-min=3.6km az=31.3

CSEM 27 19:50:09.5,0.2,39.90N:39.80E,h5km,MD2.9, Error ellipse: s-maj=5.6km s-min=3.8km az=128.0

ISK 27 19:50:09.0,39.92N:39.83E,h18km,MD2.7

DDA 27 19:50:09.4,39.91N:39.79E,h7km,MD2.9

ISC 27 19:50:09.8,0.9,39.91N:0.02:39.80E,0.03,h11km,8km, n28, c0975/46, Turkey

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like EUZM Uzumlu, ERZIN Erzincan, etc.

CSEM 27 20:11:08.1,35.46N:54.45E,h1km,ML3.5

TEH 27 20:11:08.1,35.46N:54.45E,h1km,ML3.5, Northern and central Iran

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like IANJ Anjilo, IANJ Anjilo, etc.

BKK 27 20:14:26.1,1.3,26.1N:10.1E,2.8,h0km,M4.8/4, mb4.9/2, mb4.5/4, MLV4.9/3, MW(m)B4.2/2

IDC 27 20:14:46.6,1.5,25.15N:99.10E,h0km,mb3.5/3, mb1 3.5/4, mb1mx3.2/36, mbtmp3.5/4, ML3.6/1, Error ellipse: s-maj=41.5km s-min=24.4km az=84.0

BUI 27 20:14:49.2,24.88N:99.24E,h10km,ML3.6/8

ISC 27 20:14:48.1,0.9,24.81N:0.05:99.31E,0.07,h10km,n16, c207/23,mb3.5/3,Yunnan

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like KMI Kunming, CRAI Chiangrai, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like CMAI Chiengmai2, CMAI Chiengmai2, etc.

KRSC 27 20:31:01.4,0.6,53.55N:159.69E,h96km,7km,ML3.9, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like NALY Nalytchevo, SPN Mys Shipunski, etc.

KRSC 27 21:02:12.5,0.8,61.43N:168.16E,h56km,9km,ML4.0, Eastern Siberia

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like TILK Tilichiki, PBDV Barranco-do-Ve, etc.

GUC 27 21:02:52.8,0.7,71.95S:70.44W,h46km,3km,ML3.7, Near coast of northern Chile

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like PB11 IPOC Station P, MNMC Minimini, etc.

FUNV 27 21:14:43.4,6.98N:73.02W,h153km,MW3.5,1D, Northern Colombia

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like CAPV Capacho, ELOV Elorza, etc.

ISK 27 21:21:55.7,38.98N:27.95E,h16km,MD2.7

CSEM 27 21:21:56.4,0.2,38.95N:27.92E,h15km,MD2.7, Error ellipse: s-maj=3.9km s-min=3.4km az=71.0

DDA 27 21:21:56.8,38.98N:27.94E,h7km,MD2.7

ISCJB 27 21:21:56.9,0.6,38.96N:0.05:27.95E,0.04,h6km,9km, Error ellipse: s-maj=9.4km s-min=5.1km az=19.8

ISC 27 21:21:56.9,0.9,38.96N:0.03:27.95E,0.04,h11km,8km, n15, c0936/27, Turkey

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like AKHS Akhisar, AKHS Akhisar, etc.

MDD 27 21:24:29.1,1.2,35.25N:12.59W,h0km,mb4.2/4, Error ellipse: s-maj=29.0km s-min=17.8km az=142.0, PXRIMO

INMG 27 21:24:30.0,1.2,35.00N:12.93W,h10km,ML2.3, Error ellipse: s-maj=9.9km s-min=2.1km az=139.0

IGL 27 21:24:30.0,1.2,35.00N:12.61W,h0km,ML2.1

CSEM 27 21:24:31.8,0.5,35.54N:12.51W,h10km,ML2.9/6, Error ellipse: s-maj=10.5km s-min=6.3km az=141.0

ISC 27 21:24:28.5,3.9,35.44N:0.1:12.51W,0.2,h10km,n75, c045/125, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like PFVI Vila Bisbo, PFVI Vila Bisbo, etc.

YAK	comp=Z,328nm,18.1s,slow=37	LR	LR	22 34 59.6					
YAK	Yakutsk 33.29 311 eP	P	P	22 20 58.8 -2.8					
YAK	ePP	pP	pP	22 21 05.4 -4.6					
YAK	ePPP	e	e	22 21 15.3					
YAK	e	e	e	22 23 42.4					
YAK	eS	S	S	22 26 14.9 -4.9					
YAK	eSS	sS	sS	22 26 28.0 -5.6					
YAK	e	e	e	22 31 19.6					
YAK	comp=Z,18nm,1.2s		pmax	pmax					
YAK	comp=E,11nm,1.4s								
YAK	comp=N,2.0nm,1.0s		pmax	pmax					
YAK	comp=N,18nm,2.5s		smax	smax					
YAK	comp=E,6.0nm,1.6s		MLR	MLR					
YAK	comp=Z,334nm,20.0s		MLR	MLR					
YAK	comp=E,234nm,20.0s		MLR	MLR					
YAK	comp=N,181nm,21.0s		MLR	MLR					
YAK	Yakutsk 33.29 311 eP	P	P	22 21 00.6 -0.9					
YAK	Ize 33.48 84 eP	P	P	22 21 05.5 +2.0					
ERM	comp=N,44nm,1.9s								
ERM	Erino 33.48 271 deP	eP	pmax	pmax	22 21 03.0 -0.5				
MOD	Modoc 34.19 88 eP	P	P	22 21 11.3 +1.4					
BSMT	Bassoo Peak 34.43 75 eP	P	P	22 21 12.8 +0.9					
J08A	Circle Bar Ran 34.50 85 eP	P	P	22 21 14.6 +2.2					
WVOR	Wild Horse Val 34.91 86 eP	P	pmax	pmax	22 21 18.1 +2.1				
WVOR	comp=Z,11nm,1.2s								
WVOR	Wild Horse Val 34.91 86 eP	P	P	22 21 18.1 +2.1					
HABR	Khabarovsk 35.04 286 ceP	ePP	pP	22 21 15.6 -1.3					
HABR	eSP	sP	sP	22 21 25.1 -0.2					
HABR	ePPP	PPP	PPP	22 22 33.3					
HABR	e	e	e	22 22 46.9					
HABR	eS	S	S	22 26 46.4 -0.7					
HABR	eSS	sS	sS	22 27 03.1 +2.1					
HABR	comp=N,8.0nm,0.8s		pmax	pmax					
HABR	comp=E,15nm,0.8s		pmax	pmax					
HABR	comp=Z,26nm,1.5s		MLR	MLR					
MSO	Missoula 35.42 76 P	P	P	22 21 21.1 +0.7					
MSO	Missoula 35.42 76 eP	P	P	22 21 21.4 +1.0					
SLMT	Seeley Lake 35.49 76 eP	P	P	22 21 21.6 +0.6					
CHMT	Chamberlain Mo 35.79 76 eP	P	P	22 21 23.6 -0.1					
MFID	Camas Ranch 36.08 83 eP	P	P	22 21 27.4 +1.4					
HLR	Kul'dur 36.61 289 eP	P	P	22 21 23.9 -6.5					
KLID	Hailey 36.85 81 eP	P	P	22 21 33.8 +1.1					
HLID	Hailey 36.85 81 eP	P	P	22 21 34.3 +1.5					
BMN	Battle Mountai 36.94 88 eP	P	pmax	pmax	22 21 34.9 +1.4				
BMN	comp=Z,10.0nm,1.3s								
BMN	Battle Mountai 36.94 88 eP	P	P	22 21 34.9 +1.4					
MCMT	McKenzie Canyo 37.11 79 eP	P	P	22 21 36.2 +1.2					
EGMT	Eagleton 37.30 72 P	P	P	22 21 36.9 +0.5					
EGMT	Eagleton 37.30 72 eP	P	P	22 21 37.3 +0.9					
BOZ	Bozeman (W) 37.41 77 eP	P	P	22 21 38.6 +1.2					
BOZ	Bozeman (W) 37.41 77 eP	P	P	22 21 38.6 +1.2					
BOZ	Bozeman (W) 37.41 77 eP	P	P	22 21 38.2 +0.8					
BOZ	Bozeman (W) 37.41 77 eP	P	P	22 21 38.6 +1.2					
NVAR	Minna Array Bea 37.50 91 P	P	P	22 21 39.6 +1.3					
NVAR	comp=Z,0.7nm,0.6s,baz=322,slow=5.7,SNR=3.9		ScP	ScP	22 27 42.0 +1.0				
H11N2	WAKE ISLAND Hy 37.56 219 T	T	T	23 02 33.0					
H11N3	WAKE ISLAND Hy 37.57 219 T	T	T	23 02 34.1					
H11N1	WAKE ISLAND Hy 37.58 219 T	T	T	23 02 34.5					
ELK	Elko 37.97 86 eP	pmax	pmax	22 21 44.0 +1.7					
ELK	Elko 37.97 86 eP	P	P	22 21 44.0 +1.7					
YNR	Norris Junctio 38.47 77 eP	P	P	22 21 47.9 +1.4					
FFC	Flin Flon 38.57 59 eP	P	pmax	pmax	22 21 47.1 +0.2				
FFC	Flin Flon 38.57 59 eP	P	P	22 21 47.1 +0.2					
H11S1	WAKE ISLAND Hy 38.75 218 T	T	T	23 03 31.4					
H11S2	WAKE ISLAND Hy 38.77 218 T	T	T	23 03 32.4					
H11S3	WAKE ISLAND Hy 38.77 218 T	T	T	23 03 32.6					
FXWY	Fox Creek 38.86 79 eP	P	P	22 21 51.7 +1.9					
HVU	Hansel Valley 38.86 83 eP	P	pmax	pmax	22 21 51.3 +1.6				
HVU	Hansel Valley 38.86 83 eP	P	P	22 21 51.3 +1.6					
TPAW	Teton Pass 38.99 79 eP	P	P	22 21 51.6 +0.8					
USRK	Ussuriysk Ar. 39.05 282 P	P	P	22 21 50.1 -0.9					
USRK	comp=Z,1.4nm,0.6s,baz=67,slow=13.3,SNR=3.5		PcP	PcP	22 24 01.5 +1.0				
USRK	comp=Z,3.4nm,0.8s,baz=70,slow=3.6,SNR=6.7		LR	LR	22 36 25.8				
RLMT	Red Lodge 39.10 76 P	P	P	22 21 52.6 +0.9					
RLMT	Red Lodge 39.10 76 eP	P	P	22 21 53.1 +1.5					
REDW	Red Top Meaow 39.12 79 eP	P	P	22 21 54.1 +2.2					
BGU	Big Grassy Mou 39.21 84 eP	P	P	22 21 53.2 +0.6					
R11A	Troy Canyon, C 39.21 89 P	P	P	22 21 53.9 +1.2					
R11A	Troy Canyon, C 39.21 89 eP	P	P	22 21 54.5 +1.8					
SPUT	South Promonto 39.34 83 eP	P	P	22 21 54.8 +1.2					
H19A	Power 39.51 76 P	P	P	22 21 55.8 +0.7					
HWUT	Hardware Ranch 39.70 82 eP	P	P	22 21 57.5 +0.8					
DUG	Dugway 39.78 85 eP	pmax	pmax	22 21 59.0 +1.7					
DUG	Dugway 39.78 85 P	P	P	22 21 58.5 +1.2					
DUG	Dugway 39.78 85 eP	P	P	22 21 59.0 +1.7					
BLG	Laguna Peak 39.85 97 P	P	P	22 21 60.0 +2.1					
MJAR	Matsushiro Arr 39.86 268 P	P	P	22 21 57.2 -0.7					
MJAR	comp=Z,2.9nm,0.8s,baz=49,slow=6.7,SNR=20		PcP	PcP	22 24 03.6 +0.4				
MJAR	comp=Z,2.1nm,0.9s,baz=299,slow=0.7,SNR=5.3		LR	LR	22 36 23.6				
MAJO	Matsushiro 39.86 268 deP	eP	pmax	pmax	22 21 58.1 +0.2				
MAJO	comp=Z,50nm,2.5s								
MAJO	Matsushiro 39.86 268 eP	P	P	22 21 58.0 +0.1					

MAT	comp=Z,26nm,1.2s								
MAT	Matsushiro 39.86 268 P	S	P	22 21 57.4 -0.5					
BW06	Boulder Array 40.24 79 eP	eP	P	22 28 00.8 +0.2					
MDJ	Mudanjiang 40.25 284 P	P	P	22 22 01.2 0.0					
MDJ	MDJ 40.25 284 P	pP	pP	22 21 58.8 -2.2					
MDJ	MDJ 40.25 284 P	sP	sP	22 22 09.8 +0.3					
MDJ	MDJ 40.25 284 P	S	S	22 22 15.0 +2.0					
MDJ	MDJ 40.25 284 P	S	S	22 28 00.3 -5.9					
MDJ	MDJ 40.25 284 P	PMZ	PMZ	22 28 19.8 -0.5					
MDJ	comp=Z,7.0nm,1.2s								
MDJ	comp=Z,65nm,4.4s		LN	LN					
MDJ	comp=Z,160nm,25.7s								
MDJ	comp=Z,85nm,26.9s		LE	LE					
NLU	North Lily Min 40.37 85 eP	P	P	22 22 02.8 +0.4					
I20A	Worland 40.42 77 P	P	P	22 22 02.9 +0.3					
GSC	Goldstone 40.43 84 eP	P	P	22 22 04.9 +2.2					
GSC	Goldstone 40.43 84 eP	P	P	22 22 04.8 +2.2					
A25A	Svangstu Ranch 40.67 68 P	P	P	22 22 04.7 +0.3					
H21A	Big Horn, Sher 40.69 75 P	P	P	22 22 04.6 -0.2					
J20A	Shoshoni 40.79 78 P	P	P	22 22 06.6 +1.0					
FCC	Fort Churchill 40.81 50 eP	P	P	22 22 06.1 +0.7					
FCC	Fort Churchill 40.81 50 eP	P	P	22 22 06.1 +0.7					
I21A	Big Trails, Te 41.00 77 P	P	P	22 22 07.2 -0.2					
H22A	Clearmont 41.12 75 P	P	P	22 22 07.9 -0.4					
J21A	Lysite 41.17 77 P	P	P	22 22 09.1 +0.2					
MSU	Marysval 41.20 86 eP	pmax	pmax	22 22 10.9 +1.7					
MSU	comp=Z,6.0nm,1.1s								
MSU	Marysval 41.20 86 eP	P	P	22 22 10.9 +1.7					
A26A	Wade Farm, Ken 41.30 67 P	P	P	22 22 09.3 -0.3					
TMUT	Trail Mountain 41.30 85 eP	P	P	22 22 11.3 +1.1					
I22A	9 Mile Ranch, 41.44 76 P	P	P	22 22 11.6 +0.6					
P18A	Preston Nutter 41.69 84 eP	P	P	22 22 14.9 +1.7					
J22A	Midwest 41.71 77 P	P	P	22 22 13.6 +0.4					
E25A	Miller Ranch, 41.79 71 P	P	P	22 22 14.2 +0.5					
SRU	San Rafael 41.84 84 eP	pmax	pmax	22 22 16.8 +2.4					
SRU	comp=Z,17nm,1.0s								
SRU	San Rafael 41.84 84 eP	P	P	22 22 16.8 +2.4					
BOD	Bodaibo 42.12 309 eP	pmax	pmax	22 22 14.7 -1.4					
BOD	comp=Z,14nm,0.8s								
C27A	Saylor Ranch, 42.23 68 P	P	P	22 22 17.6 +0.4					
G25A	Nevell 42.51 72 P	P	P	22 22 19.7 +0.1					
O20A	White River Ci 42.60 82 P	P	P	22 22 21.2 +0.7					
O20A	White River Ci 42.60 82 eP	P	P	22 22 20.8 +0.3					
K23A	Bowen Ranch, 42.60 77 P	P	P	22 22 20.4 -0.2					
H25A	Fruitdale 42.73 73 P	P	P	22 22 21.6 +0.2					
J24A	Dixon Ranch, L 42.84 75 P	P	P	22 22 22.6 +0.2					
A29A	Manning Farm, 42.86 66 P	P	P	22 22 21.5 -0.9					
G26A	Mature 42.93 72 P	P	P	22 22 23.2 +0.2					
F27A	Lemmon 42.94 71 P	P	P	22 22 23.1 0.0					
CN2	Changchun 43.17 286 eP	eP	P	22 22 23.8 -1.1					
CN2	CN2 43.17 286 eP	S	S	22 22 15.5 +4.6					
CN2	CN2 43.17 286 eP	PMZ	PMZ	22 28 45.5 -3.9					
CN2	comp=Z,20nm,0.8s		PMZ	PMZ					
CN2	comp=Z,200nm,3.0s		LN	LN					
CN2	comp=Z,200nm,18.0s		LE	LE					
CN2	comp=Z,200nm,15.0s								
H26A	Fairpoint 43.21 73 P	P	P	22 22 25.5 +0.2					
J25A	Sunshine Ranch 43.31 75 P	P	P	22 22 26.6 +0.4					
N23A	Red Feather La 43.52 79 P	P	P	22 22 28.7 +0.5					
WUJZ	Wupaki 43.62 89 eP	P	P	22 22 29.6 +0.9					
L25A	Engelbretsen Ra 43.95 76 P	P	P	22 22 31.6 +0.2					
I27A	Quinn 43.95 73 P	P	P	22 22 31.4 +0.1					
ULM	Lac du Bonnet 44.00 62 P	P	P	22 22 31.8 +0.3					
ULM	comp=Z,3.0nm,0.8s,baz=298,slow=4.9,SNR=3.4								
ULM	comp=Z,132nm,19.3s,baz=323,slow=36		LR	LR	22 41 05.2				
K26A	Motz Farm, Whi 44.09 75 P	P	P	22 22 32.2 -0.2					

Table with columns: WHF, Hehuan Shan, 1.30 229 eP, Pb, 22 32 27.0 +0.2, 22 32 44.1 +0.7

CSEM 27 22:42:41.0-0.2, 37.88N-30.99E, h8km, MD2.7, Error ellipse: s-maj=6.7km s-min=4.7km az=138.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

ISCJB 27 22:54:18.5-0.7, 37.57N-0.05-35.55E, 0.03, h1km, gkm, Error ellipse: s-maj=8.3km s-min=4.0km az=174.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

ISCJB 27 23:10:08.1-0.6, 7.14S-0.10:68.17E, 0.04, h12km, mb3.9/17, MS3.5/9, Error ellipse: s-maj=14.5km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

Table with columns: LSZ, Lusaka, 39.96 255 P, P, 23 17 44.0 -1.0, BOSB, Boshof, 45.73 237 LR, EKSZ, Ekiny-Say, 49.81 5 eP, AAK, Ala-Archa, 49.85 6 eP, TKM2, Tokmak 2, 50.26 7 eP, H01W3, Cape Leeuwin H, 50.45 130 T, H01W2, Cape Leeuwin H, 50.45 130 T, H01W1, Cape Leeuwin H, 50.45 130 T, GMI, Mount Meron Arr, 50.60 324 P, MNAI, Garni, 51.75 337 eP, MKAR, Makanchi Array, 55.13 12 P, MKAR, comp=Z.24m,20.6s,baz=192,slow=35, BR131, Keskin Array S, 56.47 328 eP, BRTR, Keskin Array B, 56.47 328 P, ABKAR, Abkulkul array, 56.59 354 eP, BRVK, Borovoye, 59.97 1 eP, MAW, Mawson, 60.50 182 LR, ZALV, Zalesovo Beam, 62.44 11 P, ZALV, comp=Z.22m,19.2s,baz=236,slow=36, SONM, Songoing Array, 64.27 28 LR, ASAR, Alice Springs, 65.00 113 P, WRA, Warramunga Arr, 65.26 109 P, TORO, Torodi Arr, 68.99 287 P, KSRS, Korea Arr, 71.16 47 LR, DBIC, Dimbokro, 74.09 279 LR, ESCD, Sonseca Array, 80.96 312 P, ARCS, ARCES Array B, 81.86 346 P, NVAR, Mina Array Bea, 148.25 PKPbc, TXAR, Lalajas Array, 156.59 342 PKPab

IDC 27 23:11:03.5-2.8, 14.87S-177.50W, h358km, 3gkm, mb3.0/4, mbl 3.4/5, mbl mx3.1/28, mbtmp3.8/5, Error ellipse: s-maj=97.4km s-min=19.0km az=153.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

MEX 28 00:06:05.4-0.6, 14.46N-92.91W, h16km, 71km, MD3.6, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

NNC 28 00:08:02.1-2.6, 36.74N-71.16E, h0km, mb3.5, mpv3.2, 4C-2D, Error ellipse: s-maj=1.1km s-min=1.7km az=171.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

NIED 28 00:19:00.38-40N, 142.50E, h35km, Mw4.4, Best double couple: M4.19000:1015 NP1.0:181.00000: 822.00000, 1.73.00000, NP2.0:20.00000: 869.00000: 1.97.00000, BUI 28 00:19:08.8, 37.71N, 142.60E, h31km, mb4.7/24, h24M, Ms3.9/7, Ms7.3/8

ISCJB 28 00:19:10.7-0.2, 38.35N-0.02:142.57E:0.03, h24km, mb4.4/70, MS3.3/4, Error ellipse: s-maj=4.0km s-min=3.0km az=136.3

MOS 28 00:19:12.7-1.0, 38.43N-142.54E, h36km, mb4.7/27, Error ellipse: s-maj=7.6km s-min=5.4km az=102.1

JMA 28 00:19:13.2-0.1, 38.37N-142.45E, h36km, 2km, M4.3, JMA Felt J1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

Table with columns: MJAR, Matushiro Arr, 3.92 244 P, Pn, 00 20 11.9 +0.9, MAJAO, Matushiro, 3.92 244 deP, Pn, 00 20 12.9 +1.9, MAJAO, comp=Z.105m,0.8s, 3.92 244 ePn, Pn, 00 20 12.4 +1.3, MAJAO, Matushiro, 3.92 244 P, Pn, 00 20 12.0 +1.0, MAJAO, Hachijo jima 2, 5.69 204 P, Pn, 00 20 35.2 -0.1, JHJ, comp=Z.35m,0.3s,baz=275,slow=22,SNR=7.5, JHJ, S, 00 21 35.4 -4.5, ASAJ, comp=Z.58m,0.3s,baz=41,slow=19,SNR=5.7, ASAJ, Asahikawa, 5.77 0 P, Pn, 00 20 37.9 +1.5, ASAJ, comp=Z.3.0m,0.3s,baz=232,slow=19,SNR=2.2, ASAJ, Asahikawa, 5.77 0 P, Pn, 00 21 37.6 -4.2, ASAJ, comp=N.3.0m,0.3s, 5.77 0 ePn, Pn, 00 20 36.9 +0.5, ASAJ, comp=N.1.3m,0.6s, 6.20 221 iP, Sn, 00 21 43.5 +1.7, YUK, Yuzh-Kuril'sk, 6.20 221 iP, Sn, 00 20 42.2 0.2, YUK, comp=Z.84m,0.4s, pmax, pmax, YUK, comp=N.27m,0.2s, pmax, pmax, YUK, comp=Z.24m,0.3s, pmax, pmax, YUK, comp=N.367m,2.0s, smax, smax, YUK, comp=N.316m,1.0s, smax, smax, YUK, comp=N.256m,0.4s, smax, smax, YUK, comp=E.163m,0.4s, MLR, MLR, YUK, comp=N.185m,12.0s, MLR, MLR, KUR, comp=Z.176m,12.0s, MLR, MLR, KUR, Kuril'sk, 7.94 281 iP, Sn, 00 21 05.4 -0.7, KUR, comp=N.130m,2.2s, smax, smax, KUR, comp=N.106m,14.0s, MLR, MLR, KUR, comp=E.82m,14.0s, MLR, MLR, KUR, comp=Z.71m,14.0s, YSS, Yuzh-Sakhalins, 8.61 1 iP, Pn, 00 21 16.6 +1.3, YSS, comp=N.30m,0.8s, pmax, pmax, YSS, comp=Z.30m,0.8s, MLR, MLR, YSS, comp=N.300m,16.0s, MLR, MLR, YSS, comp=Z.300m,16.0s, 8.61 1 ePn, Pn, 00 21 15.4 +0.1, USHR, Yuzh-Sakhalins, 9.68 300 iP, Pn, 00 21 31.6 +1.5, MSR, Ussuriysk Arr, 9.89 310 P, Pn, 00 21 34.3 +1.4, USRK, comp=Z.2.4m,0.3s,baz=121,slow=14,SNR=43, USRK, comp=Z.368m,19.9s,baz=125,slow=36, USRK, Nakatsue, 10.84 245 P, Pn, 00 21 47.0 +0.9, JNU, comp=Z.0.6m,0.3s,baz=28,slow=2.8,SNR=5.7, JNU, comp=Z.449m,18.7s,baz=116,slow=40, CBJJ, Chichi jima, 11.22 182 P, Pn, 00 21 49.5 -1.7, CBJJ, Chichi jima, 11.22 182 P, Sn, 00 23 42.2 -13, JCY, Chichijima, 11.22 182 P, Sn, 00 21 49.5 -1.7, JCY, comp=Z.6.2m,0.3s,baz=300,slow=20,SNR=5.5, HABR, Khabarovsk, 11.51 334 eP, Pn, 00 21 53.9 -1.1, HABR, HABR, 11.51 334 eP, Sn, 00 24 00.4 -2.3, HABR, comp=Z.17m,1.8s, MLR, MLR, MDJ, comp=Z.286m,16.0s, 11.58 307 ePn, Pn, 00 21 56.2 +0.2, KSRS, Korea Array, 11.62 270 P, Pn, 00 21 59.6 +3.0, KSRS, comp=Z.0.5m,0.3s,baz=86,slow=14,SNR=10.0, KSRS, comp=Z.204m,19.4s,baz=80,slow=36, KSRS, Korea Array, 11.62 270 P, Pn, 00 22 00.9 +4.3, KSRS, comp=Z.1.0m,0.3s, 11.65 270 P, Pn, 00 21 59.6 +2.5, KSAR, Wonju Array Be, 11.65 270 P, Pn, 00 21 59.6 +2.5, KLR, Kul'dur, 13.39 328 eP, P, 00 22 26.0 -4.0, PETK, Petropavlovsk, 18.09 30 P, Pn, 00 23 23.5 +1.4, PETK, comp=Z.0.6m,0.3s,baz=219,slow=13,SNR=4.8, HIA, Hailar, 19.70 311 eP, Pn, 00 23 06.2, HIA, comp=Z.19m,0.8s, 19.70 311 eP, Pn, 00 23 40.4 +0.6, HIA, comp=Z.19m,0.8s, 20.36 272 iP, P, 00 23 46.3 -0.7, MA2, Magadan, 21.89 111 eP, P, 00 24 04.2 +0.9, CLNS, Chul'man, 21.90 333 eP, Pn, 00 24 03.1 -0.4, CLNS, comp=Z.6.0m,1.0s, pmax, pmax, CLNS, comp=N.12m,1.2s, pmax, pmax, CLNS, comp=E.13m,1.1s, 24.00 238 eP, P, 00 24 23.7 -1.5, TPUB, Ta-pu, 24.00 238 eP, P, 00 24 25.0 -0.6, TWG, Pingang, 24.04 236 eP, Pn, 00 24 25.0 -0.6, GUMO, Guam, 24.74 175 LR, LR, 00 33 40.5, YAK, comp=Z.316,slow=75, 25.02 346 eP, LR, 00 35 06.8, YAK, Yakutsk, 25.02 346 eP, P, 00 24 30.9 -3.2, YAK, comp=Z.11m,0.9s, pmax, pmax, YAK, comp=Z.2.0m,0.8s, pmax, pmax, YAK, comp=N.5.0m,1.0s, 25.34 10 P, P, 00 24 38.4 +1.5, SEY, comp=N.7.1m,0.6s,baz=181,slow=6.2,SNR=28, 26.95 326 eP, P, 00 24 50.7 -0.9, BOD, Bodaibo, 26.95 326 eP, Pmax, pmax, BOD, comp=Z.1.1m,0.8s, 27.42 302 deP, P, 00 24 56.4 -0.2, ULN, Ulaanbaatar, 27.42 302 eP, P, 00 24 56.1 -0.1, ULN, comp=Z.5.0m,0.7s, 27.86 302 P, P, 00 25 00.2 +0.1, SONM, comp=Z.2.2m,0.5s,baz=102,slow=9.4,SNR=12, 27.86 302 eP, LR, 00 36 26.1, SONM, comp=Z.108m,20.4s,baz=48,slow=37, 27.86 302 eP, P, 00 25 00.4 +0.3, H1N2, WAKE ISLAND Hy 28.07 124 T, T, 00 54 32.4, H1N1, WAKE ISLAND Hy 28.08 125 T, T, 00 55 44.9, H1N3, WAKE ISLAND Hy 28.09 124 T, T, 00 55 42.1, ENH, comp=Z.316,slow=75, 28.39 264 eP, P, 00 25 04.3 -0.5, H1S1, WAKE ISLAND Hy 28.84 127 T, T, 00 56 26.6

ISCJB 27 22:54:18.5-0.7, 37.57N-0.05-35.55E, 0.03, h1km, gkm, Error ellipse: s-maj=8.3km s-min=4.0km az=174.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

ISCJB 27 23:10:08.1-0.6, 7.14S-0.10:68.17E, 0.04, h12km, mb3.9/17, MS3.5/9, Error ellipse: s-maj=14.5km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

28d Oh

Table with columns: Call Sign, Frequency, Power, Band, Mode, and other parameters. Includes stations like ENIJ, EMIN, SESP, EVIA, PBAR, EGRO, PAB, PVAQ, EBAD, PBDV, ESDC, EMUR, PBEJ, and PCVE.

2010 AUG

Table with columns: Call Sign, Frequency, Power, Band, Mode, and other parameters. Includes stations like Castro Verde, Tobarra, Messejana, Estremoz, Evora, Sao Brissos, Marlete, Marlete, Placencia, Sao Teotonio, Vila Bisbo, and Castelo Branco.

1428

Table with columns: Call Sign, Frequency, Power, Band, Mode, and other parameters. Includes stations like MTE, PMAFR, EMOS, PVRL, POLO, ECAL, ELOB, PGAV, SJPF, ETSF, EPF, and various other stations.

IFIR	Firoozkooh	1.43 275	ePn	Pn	00 29 30.2	-1.6
IFIR	Firoozkooh	1.43 275	Pn	Pn	00 29 30.1	-1.6
IDMV	Damavand	2.01 272	ePn	Pn	00 29 39.7	-0.1
IDMV	comp=Z,58um,0.2s				00 30 16.2	
DAMV	Damavand	2.01 272	ePn	Pn	00 29 39.7	-0.1
DAMV	DAMV	2.06 274	ePg	Sb	00 29 40.5	0.0
DAMV	DAMV	2.06 274	eSg	Sb	00 30 08.6	-0.4
DAMV	comp=N,19um,0.6s				00 30 15.1	
DAMV	Damavand	2.06 274	ePg	Sb	00 29 40.5	0.0
DAMV	DAMV	2.06 274	Sg	Sb	00 30 08.0	-1.0
DAMV	Damavand	2.06 274	Pg	Sb	00 29 40.0	-0.5
DAMV	DAMV	2.06 274	Sg	Sb	00 30 08.0	-1.0
IVRN	Varamin	2.32 258	ePn	Pn	00 29 43.0	-1.0
IVRN	comp=Z,98um,0.2s				00 29 46.3	
IVRN	Varamin	2.32 258	eSg	Sb	00 30 16.5	+0.1
IVRN	IVRN	2.32 258	ePn	Sb	00 29 43.0	-1.0
MRVT	Maraveh tapeh	2.49 31	ePn	Pn	00 29 16.5	+0.1
MRVT	Maraveh tapeh	2.49 31	Pn	Pn	00 29 47.3	+1.1
MRVT	Maraveh tapeh	2.49 31	Pn	Pn	00 29 47.0	+0.8
MRVT	Maraveh tapeh	2.49 31	Pn	Pn	00 29 47.0	+0.8
CHTH	Charan	2.77 279	ePn	Pn	00 29 50.2	0.0
CHTH	Charan	2.77 279	ePn	Pn	00 29 50.2	0.0
CHTH	Charan	2.77 279	Pn	Pg	00 30 00.0	+0.9
GHVR	GHOM	2.82 249	ePn	Pn	00 29 53.9	+0.2
GHVR	GHOM	2.82 249	ePn	Pn	00 29 50.6	-0.2
GHVR	GHOM	2.82 249	Pn	Pg	00 30 00.0	-0.2
TABS	Tabas	2.86 130	ePn	Pn	00 29 51.0	-0.3
TABS	Tabas	2.86 130	ePn	Pn	00 29 51.0	-0.3
THKV	Tehran-Karaj	2.97 279	ePn	Pn	00 29 53.3	+0.4
THKV	Tehran-Karaj	2.97 279	ePn	Pn	00 29 53.9	+0.4
THKV	Tehran-Karaj	2.97 279	Pn	Pg	00 30 00.0	-3.0
NASN	Na'in	3.05 208	ePn	Pn	00 29 52.6	-1.6
NASN	Na'in	3.05 208	ePn	Pn	00 29 52.6	-1.6
NASN	Na'in	3.05 208	Pn	Pb	00 30 00.0	-0.3
IMHD	Mahdasht	3.12 274	ePn	Pn	00 29 54.9	-0.1
IMHD	IMHD	3.12 274	ePn	Pn	00 30 44.0	
IMHD	Mahdasht	3.12 274	ePn	Pn	00 29 54.8	-0.1
IZEF	Zefreh	3.17 215	ePn	Pn	00 29 51.7	-4.1
IZEF	IZEF	3.17 215	ePn	Pn	00 29 51.7	-4.1
IZEF	Zefreh	3.17 215	ePn	Pn	00 29 51.7	-4.1
IR5	Iran Long-Peri	3.21 266	ePn	Pn	00 29 55.5	-0.7
IR5	IR5	3.21 266	ePn	Pn	00 30 46.9	
IR5	Iran Long-Peri	3.21 266	ePn	Pn	00 29 55.5	-0.7
IKLH	Kolahrood	3.26 229	ePn	Pn	00 29 53.7	-3.3
IKLH	IKLH	3.26 229	ePn	Pn	00 30 54.7	
IKLH	Kolahrood	3.26 229	ePn	Pn	00 29 53.7	-3.3
IKLH	Kolahrood	3.26 229	Pn	Pn	00 29 53.6	-3.3
ICKH	Chekek	3.27 181	ePn	Pn	00 29 56.4	-0.6
ICKH	ICKH	3.27 181	ePn	Pn	00 30 49.8	
ICKH	Chekek	3.27 181	ePn	Pn	00 29 56.4	-0.6
ICKH	Chekek	3.27 181	Pn	Pn	00 29 56.4	-0.6
IKRD	Kardeh	3.49 68	ePn	Pb	00 30 10.8	+3.1
IKRD	IKRD	3.49 68	ePn	Pb	00 31 41.9	
IKRD	Kardeh	3.49 68	ePn	Pb	00 30 10.8	+3.1
IGZV	Ghazvin	3.58 285	ePn	Pb	00 30 02.4	+1.0
IGZV	IGZV	3.58 285	ePn	Pb	00 31 10.2	
IGZV	Ghazvin	3.58 285	Pn	Pn	00 30 02.3	+1.0
IGZV	Ghazvin	3.58 285	Pn	Pn	00 30 02.3	+1.0
IAKL	Akhelmad	3.62 71	ePn	Pn	00 30 02.1	+0.1
IAKL	IAKL	3.62 71	ePn	Pn	00 31 08.5	
IAKL	Akhelmad	3.62 71	Pn	Pn	00 30 02.0	+0.1
IGAR	Garmeh	3.72 214	ePn	Pn	00 30 00.5	-2.4
IGAR	IGAR	3.72 214	ePn	Pn	00 31 14.8	
GEYT	Alibeck	3.78 49	Pn	Pn	00 30 04.8	+0.9
GEYT	comp=Z,74nm,0.3s,baz=243,slow=13,SNR=979				00 30 52.5	+4.4
GEYT	Alibeck	3.78 49	Pn	Pn	00 30 04.8	+0.9
ASAO	Ashtian	3.79 257	ePn	Pn	00 30 03.4	-0.9
ASAO	ASAO	3.79 257	ePn	Pn	00 31 15.3	
ASAO	Emangholi	3.85 59	ePn	Pn	00 30 06.2	+1.0
ASAO	EMG	3.85 59	ePn	Pn	00 31 15.3	
ASAO	Emangholi	3.85 59	Pn	Pn	00 30 06.1	+1.0
ASAO	Emangholi	3.85 59	Pn	Pn	00 30 06.1	+1.0
ASHT	Ashkhabad	3.95 51	Pn	Pb	00 30 07.2	+1.0
ASHT	ASHT	3.95 51	Pn	Pb	00 30 18.3	+2.8
ASHT	Ashkhabad	3.95 51	Pn	Pb	00 31 07.6	
ASHT	Ashkhabad	3.95 51	Pn	Pn	00 30 07.5	+1.3
ASHT	Ashkhabad	3.95 51	Pn	Pn	00 30 07.2	+1.0
ASHT	Ashkhabad	3.95 51	Pn	Pn	00 30 07.2	+1.0
IBAF	Bafgh	4.02 167	ePn	Pn	00 30 06.8	-0.6
IBAF	IBAF	4.02 167	ePn	Pn	00 31 19.8	
IBAF	Bafgh	4.02 167	ePn	Pn	00 30 06.8	-0.6
IBAF	Bafgh	4.02 167	Pn	Pn	00 30 06.7	-0.6
IMEH	Mehriz	4.12 179	ePn	Pn	00 30 08.4	-0.3
IMEH	IMEH	4.12 179	ePn	Pn	00 31 30.3	
IMEH	Mehriz	4.12 179	ePn	Pn	00 30 08.4	-0.3
IMEH	Mehriz	4.12 179	Pn	Pn	00 30 30.3	-0.3
IMEH	Mehriz	4.12 179	Pn	Pn	00 30 08.4	-0.3
KHMZ	Khomayn	4.14 246	ePn	Pn	00 30 08.9	-0.1
KHMZ	KHMZ	4.14 246	ePn	Pn	00 30 08.9	-0.1
ZNJK	Zanjan	4.84 285	ePn	Pn	00 30 19.0	+0.3
ZNJK	ZNJK	4.84 285	ePn	Pn	00 30 19.0	+0.3
ZNJK	Zanjan	4.84 285	ePn	Pn	00 30 19.0	+0.3
ZNJK	Zanjan	4.84 285	Pn	Pn	00 30 19.0	+0.3
SHRT	Shahrakht	5.13 110	ePn	Sn	00 30 22.3	-0.2
SHRT	SHRT	5.13 110	ePn	Sn	00 31 19.2	+4.9
SHRT	Shahrakht	5.13 110	ePn	Sn	00 30 22.3	-0.2
SHRT	Shahrakht	5.13 110	Pn	Pn	00 30 32.4	-0.1
KRBR	Kerman	5.84 160	ePn	AML	00 32 34.3	
KRBR	Kerman	5.84 160	Pn	AML	00 32 34.3	
KRBR	Kerman	5.84 160	Pn	Pn	00 30 32.0	-0.5
KRBR	Kerman	5.84 160	Pn	Pn	00 30 32.0	-0.5
SNGE	Sanandaj	5.86 268	ePn	Pn	00 30 33.0	+0.3
SNGE	SNGE	5.86 268	ePn	Pn	00 30 33.0	+0.3
SNGE	Sanandaj	5.86 268	Pn	Pn	00 30 32.0	-0.7
SNGE	Sanandaj	5.86 268	Pn	Pn	00 30 37.2	-0.2
GRMI	Germi	6.21 304	ePn	Pn	00 30 37.0	-0.4
GRMI	GRMI	6.21 304	ePn	Pn	00 30 37.2	-0.2
GRMI	Germi	6.21 304	Pn	Pn	00 30 37.0	-0.4
GRMI	Germi	6.21 304	Pn	Pn	00 30 37.0	-0.4
AHBU	AHRAM	7.17 203	ePn	x	00 30 49.7	-0.7
IBDR	Badra	7.48 254	ePn	x	00 30 59.9	
IBDR	IBDR	7.48 254	ePn	x	00 32 20.4	
NSR	Nassriya	8.31 240	ePn	x	00 31 14.6	
NSR	NSR	8.31 240	ePn	x	00 32 57.0	
MAKU	Maku	8.69 299	ePn	Pn	00 31 11.8	+0.3
MAKU	MAKU	8.69 299	ePn	Pn	00 31 11.0	-0.5
MAKU	Maku	8.69 299	Pn	Pn	00 31 11.0	-0.5
MAKU	Maku	8.69 299	Pn	Pn	00 31 11.2	+4.9
CUKT	Cukurca	8.95 284	ePn	Pn	00 31 19.2	+4.3
GNI	Garni	8.99 304	Pn	Pn	00 31 13.8	-1.8
GNI	comp=E,0.3nm,0.3s,baz=192,slow=18,SNR=1.8				00 32 56.9	+0.1
GNI	Garni	8.99 304	Pn	Pn	00 32 56.9	+0.1
GNI	baz=163,slow=19,SNR=1.4				00 33 54.9	
GNI	baz=162,slow=20,SNR=1.6				00 35 01.8	
GNI	comp=E,1.1um,21.4s,baz=108,slow=40				00 31 13.8	-1.8
GNI	Garni	8.99 304	P	Pn	00 31 13.8	-1.8
GNI	comp=E,1.1um,21.4s				00 32 55.0	-1.7
GNI	Garni	8.99 304	eS	Sn	00 32 55.9	+0.1
GNI	Garni	8.99 304	S	Sn	00 31 19.9	+4.3
GNI	Garni	8.99 304	ePn	Sn	00 32 55.0	-1.7
GNI	Garni	8.99 304	ePn	Sn	00 32 55.0	-1.7
CLDR	Caldiran	9.17 296	ePn	Lg	00 31 22.5	+4.4
MSL	Mosul	9.27 279	ePn	x	00 31 28.0	
MSL	MSL	9.27 279	ePn	x	00 33 19.0	
DGRG	David-gareji	9.28 312	P	Pn	00 31 19.9	+0.4
DGRG	David-gareji	9.28 312	P	Pn	00 31 19.0	+0.4
DGRG	David-gareji	9.28 312	P	Pn	00 31 19.8	+0.4
VANB	Van	9.39 292	eP	Pn	00 31 27.7	+6.7

TBLG	Delisi	9.83 312	eP	Pn	00 31 26.6	-0.4
TBLG	Delisi	9.83 312	P	Pn	00 31 23.9	-3.1
TBLG	Delisi	9.83 312	P	Pn	00 31 23.8	-3.1
TBLG	Delisi	9.83 312	eP	Pn	00 31 26.6	-0.4
TBLG	Dusheti	10.07 314	P	Pn	00 31 20.6	-1.0
DUS	Dusheti	10.07 314	P	Pn	00 31 20.6	-1.0
AKH	Akhalkalaki	10.44 308	P	Pn	00 31 39.7	+4.3
AKH	Akhalkalaki	10.44 308	P	Pn	00 31 39.7	+4.3
UOSS	Wadi Hiliu	10.64 172	ePn	Pn	00 31 36.4	-1.7
UOSS	Wadi Hiliu	10.64 172	ePn	Pn	00 31 36.4	-1.7
ZEI	Tsey	10.96 315	eP	Pn	00 31 40.9	-1.7
ZEI	ZEI	10.96 315	eP	Pn	00 31 40.9	-1.7
ZEI	comp=Z,75nm,0.5s				00 31 49.6	+6.5
VRTB	Itto-Mus	11.00 293	eP	Pn	00 31 43.8	-0.8
ONI	Oni	11.11 313	P	Pn	00 31 43.7	-0.8
ONI	Oni	11.11 313	P	Pn	00 31 43.7	-0.8
ONI	Oni	11.11 313	P	Pn	00 31 43.7	-0.8
ONI	Oni	11.11 313	P	Pn	00 31 43.7	-0.8
MZRK	Al-Mazaregh	11.27 276	eP	Pn	00 31 50.0	+3.4
EZM	Erzurum	11.28 297	eP	Pn	00 31 52.8	+5.7
EZM	Erzurum	11.28 297	eP	Pn	00 31 50.4	+2.4
BNGB	Bing'ul	11.54 292	eP	Pn	00 31 56.1	+5.6
NCK	Nalchik	11.58 317	eP	Pn	00 31 50.4	-0.5
NCK	Nalchik	11.58 317	eP	Pn	00 31 50.4	-0.5
SFNV	Sufian	11.58 279	eP	Pn	00 32 03.6	+1.1
DZET	Dzherino	11.90 70	Pn	Pn	00 31 54.8	-0.5
DZET	comp=Z,56nm,1.0s				00 34 08.1	+0.2
DZET	Dzherino	11.90 70	Pn	Sn	00 31 53.0	-2.3
DZET	Dzherino	11.90 70	P	Pn	00 31 53.0	-2.3
DZET	Dzherino	11.90 70	Pn	Pn	00 31 54.8	-0.5
DZET	Dzherino	11.90 70	Pn	Pn	00 31 54.8	-0.5
DZET	Dzherino	11.90 70	Pn	Pn	00 31 54.8	-0.5
NEY	Neytrino	11.93 314	eP	Sn	00 34 08.1	+0.2
NEY	Neytrino	11.93 314	eP	Sn	00 31 55.6	-0.2
NEY	Neytrino	11.93 314	eP	Sn	00 31 55.6	-0.2
KBL	Kabul	11.97 90	eP	Pn	00 32 00.5	+4.1
KBL	Kabul	11.97 90	eP	Pn	00 32 00.5	+4.1
RTB	Rutbah	12.00 262	eP	x	00 31 54.0	-2.6
RTB	Rutbah	12.00 262	eP	Pn	00 31 54.0	-2.6
CHVG	Ch'k'valeri	12.02 310	eP	Pn	00 32 01.9	+5.0
CHVG	Ch'k'valeri	12.02 310	eP	Pn	00 32 00.8	+4.0
KBZ	Khabaz	12.12 316	Pn	Pn	00 31 58.7	+0.4
KBZ	comp=Z,1.4nm,0.3s,baz=158,slow=1.9,SNR=16					

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Table with columns for station name, frequency, and various signal quality indicators (e.g., pmax, pmax, pmax).

Table with columns for station name, frequency, and various signal quality indicators (e.g., pmax, pmax, pmax).

Table with columns for station name, frequency, and various signal quality indicators (e.g., pmax, pmax, pmax).

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like MORC Moravsky Berou, TMCRT Tamitsa, CUC Castrocucco, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like CKHR Kef el Ahmar, PYM Petit Puy Mboogo, KMBO Kilima Mboogo, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like PBGR Braganca, MVO Moncorvo, MVO Moncorvo, etc.

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Table with columns: LBTB, Lobatse, 66.12 209 eP, P, 00 39 55.4 +2.4, etc. Includes stations like Lobatse, Ermo, Boshof, etc.

ISCJB 28 00:29:08.7z, 0.6, 17.7S:0.1x14.1W:0.2, h14km, mb4.0/12, MS3.7/6, Error ellipse: s-maj=24.3km s-min=12.9km az=20.7

IDC 28 00:29:08.4-0.8, 17.67S:14.36W, h0km, mb4.0/18, mb1.4/18, mb1mx3.8/37, mbtmp4.0/8, MS3.7/6, M1 3.7/6, ms1mx3.4/28, Error ellipse: s-maj=41.7km s-min=20.6km az=120.0

NEIC 28 00:29:09.7-0.7, 17.74S:14.13W, h10km, mb4.4/4, Error ellipse: s-maj=25.5km s-min=15.9km az=116.0

ISC 28 00:29:10.4-0.7, 17.7S:0.1x14.1W:0.2, h14km, n25, e131/17, mb4.3/12, MS3.7/6, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASCENSION HYDR, DIMBOKRO, etc.

IDC 28 00:29:29.7-1.0, 25.80S:179.31E, h531km, 91km, mb3.3/3, mb1.3/4.4, mb1mx3.1/23, mbtmp4.2/4, Error ellipse: s-maj=136.6km s-min=57.8km az=135.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MOUNT DZUMAC, STEPHENS CREEK, etc.

IDC 28 00:40:43.5-0.9, 37.97S:73.71W, h0km, mb4.0/8, mb1.4/2.9, mb1mx4.0/22, mbtmp4.0/9, ML3.7/2, MS2.9/2,

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M1 2.9/2, ms1mx2.8/18, Error ellipse: s-maj=30.3km s-min=20.1km az=92.0, ISCJB 28 00:40:44.4-0.5, 37.92S:0.05:73.82W:0.09, h18km, mb4.2/18, MS3.6/1, Error ellipse: s-maj=11.3km s-min=6.7km az=23.9, NEIC 28 00:40:47.3-3.0, 37.89S:73.80W, h26km, 20km, mb4.4/13, Error ellipse: s-maj=14.2km s-min=6.8km az=64.0, ISC 28 00:40:46.0-0.5, 37.92S:0.07:73.9W:0.1, h18km, n42, e076/42, mb4.3/18, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CONCEPCION, HUALAEO, SAN PEDRO, etc.

ISCJB 28 00:46:52.9-0.6, 39.50N:0.02:54.43E:0.01, h0km, 4km, mb4.8/134, MS4.0/27, Error ellipse: s-maj=3.9km s-min=1.9km az=2.1

IDC 28 00:46:53.8-0.5, 39.35N:54.35E, h0km, mb4.7/32, mb1.4/38, mb1mx4.7/46, mbtmp4.7/38, ML4.5/5, MS4.0/19, M1 1.4/19, ms1mx3.7/42, Error ellipse: s-maj=12.7km s-min=7.3km az=179.0

THR 28 00:46:54.0-0.6, 39.59N:54.01E, h29km, ML4.8 CSEM 28 00:46:55.7-0.1, 39.44N:54.42E, h10km, mb4.9/96, Error ellipse: s-maj=3.5km s-min=2.0km az=176.0

NEIC 28 00:46:55.2-1.5, 39.45N:54.37E, h5km, 10km, mb4.9/57, ML4.8(THR), Error ellipse: s-maj=3.9km s-min=2.9km az=169.0

NEIC Felt at Balkanabat. MOS 28 00:46:55.7-1.1, 39.52N:54.42E, h21km, mb5.0/40, Error ellipse: s-maj=4.8km s-min=3.2km az=37.1

BUI 28 00:46:59.3, 39.50N:54.75E, h36km, mb4.8/46, mb4.9/31, M1 4.5/33, M1 7.4/36, Error ellipse: s-maj=19.6km s-min=12.0km az=14.0

NERC 28 00:47:01.9-1.7, 39.08N:54.01E, h29km, Error ellipse: s-maj=12.4km s-min=7.0km az=48.0

SZGRF 28 00:47:32.9, 41.30N:50.30E, h33km, mb4.7, Caspian Sea ISC 28 00:46:56.0-0.7, 39.48N:0.03:54.40E:0.02, h16km, 4km, n124, e139/1178, mb4.8/145, MS4.0/27, 109C-77D, Turkmenistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MARVEH TAPESH, ALIBEK, etc.

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Table with columns: DAMV, Damavand, 4.29 207 ePn, Pn, 00 48 02.0 +0.6, etc. Includes stations like DAMV, SIZAZ, etc.

AKH	Akhalkalaki	8.54 287	P	Pn	00 49 01.7 +2.2
AKH			S	Sn	00 50 34.6 -0.9
HKR	Hakkari	8.56 261	eP	Pn	00 49 03.6 +3.7
ZEI	Tsey	8.58 296	eP	Pn	00 49 01.8 +1.6
ZEI	comp-Z,182nm,0.6s		pmax	pmax	
ZEI	Tsey	8.58 296	eP	Pn	00 49 01.8 +1.6
ZEI	comp-Z,182nm,0.6s		pmax	pmax	
KARS	Kars	8.76 281	eP	Pn	00 49 02.5 0.0
CUKT	Cukurca	8.76 259	eP	Pn	00 49 05.7 +3.2
AGRB	Hamur-Agry	8.81 274	eP	Pn	00 49 02.5 +0.9
ONI	Oni	8.84 294	P	Pn	00 49 05.1 +1.5
ONI	Oni	8.84 294	P	Pn	00 49 05.1 +1.5
ONI	Oni	8.84 294	P	Pn	00 49 05.1 +1.5
NCK	Nalchik	9.04 300deP		Pn	00 49 07.0 +0.7
NCK	Nalchik	9.04 300	eP	Pn	00 49 07.0 +0.7
NEY	Neytrino	9.55 297deP		Pn	00 49 15.8 +2.4
NEY	Neytrino	9.55 297	eP	Pn	00 49 15.8 +2.4
KBZ	Khabaz	9.60 300	Pn	Pn	00 49 13.3 -0.6
KBZ	comp-Z,4.5nm,0.3s,baz=100,slow=6.7,SNR=45		Sn	Sn	00 50 54.1 -7.3
KBZ	comp-Z,3.2nm,0.3s,baz=121,slow=19,SNR=2.3		LR	LR	00 54 16.8
KIV	Kislovodsk	9.83 301	eP	Pn	00 49 16.2 -0.9
KIV	Kislovodsk	9.83 301	eP	Pn	00 49 16.5 -0.6
KIV	comp-Z,228nm,1.0s		pmax	pmax	
KIV	comp-Z,198nm,18.0s		MLR	MLR	
KIV	Kislovodsk	9.83 301	eP	Pn	00 49 16.2 -0.9
KIV	Kislovodsk	9.83 301	eP	Pn	00 49 16.5 -0.6
KIV	comp-Z,228nm,1.0s		pmax	pmax	
KIV	Kislovodsk	9.83 301	eP	Pn	00 49 16.2 -0.9
KIV	Kislovodsk	9.83 301	eP	Pn	00 49 16.5 -0.6
CHVG	Ch'k'valeri	9.84 293	eP	Pn	00 49 18.7 +1.5
CHVG	Ch'k'valeri	9.84 293	eP	Pn	00 49 19.6 +2.4
CHVG	Ch'k'valeri	9.84 293	eP	Pn	00 49 19.6 +2.4
VRVB	Varto-Mus	10.03 272	eP	Pn	00 49 25.2 +5.2
GOF	Gofitskoye	10.09 307	eS	Pn	00 49 18.8 -2.0
GOF			pmax	pmax	
GOF	comp-Z,100nm,1.0s		smax	smax	
GOF	comp-N,720nm,0.7s		smax	smax	
GOF	comp-E,330nm,1.1s		smax	smax	
AB31	Akbulak array	10.55 20	Pn	Pn	00 49 25.1 -1.8
AB31	comp-E,38nm,0.5s,baz=200,slow=13,SNR=1035		Sn	Sn	00 51 18.5 -6.2
AB31	Akbulak array	10.55 20	Pn	Pn	00 49 25.1 -1.8
AB31	comp-E,38nm,0.4s,SNR=1000		Sn	Sn	00 49 27.4 +0.5
ABKAR	Akbulak array	10.55 20	eP	Pn	00 49 27.4 +0.5
ABKAR	Akbulak array	10.55 20	eP	Pn	00 51 15.6 -9.1
BNGB	Bing'ji	10.65 272	eP	Pn	00 49 30.6 +2.2
KBSD	Kabsdagh	11.17 262	eP	Px	00 50 17.8
DZET	Dzherino	11.23 89	Pn	Pn	00 49 37.1 +0.7
DZET	comp-E,4.6nm,0.3s		Sn	Sn	00 51 39.2 -2.4
DZET	Dzherino	11.23 89	P	Pn	00 49 38.5 +2.1
DZET	comp-Z,25nm,0.5s		pmax	pmax	
DZET	Dzherino	11.23 89	Pn	Pn	00 49 37.1 +0.7
DZET	comp-Z,4.6nm,0.3s		pmax	pmax	
DZET	Dzherino	11.23 89	P	Pn	00 49 38.5 +2.1
DZET	comp-Z,25nm,0.5s		pmax	pmax	
AKTK	Aktyubinsk	11.25 12	P	Pn	00 49 36.3 -0.2
AKTK	comp-Z,83nm,0.6s		Sn	Sn	00 49 35.8 -0.7
AKTK	Aktyubinsk	11.25 12	Pn	Pn	00 49 35.8 -0.7
AKTK	comp-Z,141nm,1.0s		Sn	Sn	00 51 37.0 -4.8
AKTK	Aktyubinsk	11.25 12	Pn	Pn	00 49 36.1 -0.4
AKTK	comp-Z,8.8nm,0.3s,baz=217,slow=11,SNR=96		Sn	Sn	00 51 34.7 -7.2
AKTK	Aktyubinsk	11.25 12	Pn	Pn	00 49 36.3 -0.2
AKTK	comp-Z,12nm,0.3s,baz=120,slow=20,SNR=3.2		Sn	Sn	00 51 37.0 -4.8
AKTK	Aktyubinsk	11.25 12	Pn	Pn	00 49 36.3 -0.2
AKTK	comp-Z,83nm,0.6s		pmax	pmax	
AKTK	comp-N,122nm,0.6s		smax	smax	
MZRK	Al-Mazaregh	11.49 256	eP	Px	00 50 16.3
PTK	Petek	11.66 272	eP	Pn	00 49 50.2 +7.8
SVRC	Svirice-ELAZID	11.81 269	eP	Px	00 51 56.0 -2.0
KK31	Karatay Array	12.65 68	P	Pn	00 49 53.0 -2.7
KK31	comp-N,24nm,0.7s,baz=252,slow=16,SNR=269		Sn	Sn	00 52 12.5 -3.7
KK31	Karatay Array	12.65 68	P	Pn	00 49 53.0 -2.7
KK31	comp-Z,24nm,0.7s		pmax	pmax	
KKAR	Karatay Array	12.65 68	eP	Pn	00 49 53.1 -2.6
KKAR	Karatay Array	12.65 68	eP	Pn	00 51 56.0 -2.0
ANN	Anapa	13.66 298	eP	Pn	00 50 10.8 +1.5
ANN	comp-Z,26nm,0.9s		pmax	pmax	
ANN	Anapa	13.66 298	eP	Pn	00 50 10.8 +1.5
ANN	comp-Z,424nm,22.0s		MLR	MLR	
ANN	Anapa	13.66 298	eP	Pn	00 50 10.8 +1.5
MNAS	Manas	14.01 72	Pn	Pn	00 50 12.3 -2.0
MNAS	comp-Z,23nm,1.2s		Sn	Sn	00 52 45.6 -3.9
MNAS	Manas	14.01 72	P	Pn	00 50 12.3 -2.0
MNAS	comp-Z,14nm,0.9s		pmax	pmax	
MNAS	Manas	14.01 72	Pn	Pn	00 50 12.3 -2.0
UOSS	Uadi Hillu	14.57 173	eP	Pn	00 50 21.2 -0.7
UOSS	Wadi Hillu	14.57 173	eP	Pn	00 50 21.2 -0.7
VRHR	Vnovkhovork	14.66 327	eP	pmax	pmax
VRHR	comp-Z,80nm,0.7s		pmax	pmax	
VRHR	comp-N,140nm,0.9s		pmax	pmax	
ROOS	Uli-alroos	14.68 254	eP	Pn	00 50 17.8 -5.7
SFK	Sufi-Kurgan	14.71 82	Pn	Pn	00 50 22.7 -1.4
SFK	comp-E,13nm,0.6s		Sn	Sn	00 53 03.3 -3.5
SFK	Sufi-Kurgan	14.71 82	P	Pn	00 50 22.6 -1.4
SFK	comp-Z,15nm,0.6s		pmax	pmax	
SFK	Sufi-Kurgan	14.71 82	Pn	Pn	00 50 22.7 -1.4
WRDH	Wardheh	14.81 260	eP	P	00 50 32.6 +1.5
AML	Almayashu	14.86 74	P	Pn	00 50 23.7 -2.4
EKS2	Erkin-Say	14.96 71	P	Pn	00 50 25.3 -2.0
EKS2	Erkin-Say	14.96 71	eP	Pn	00 50 25.3 -2.0
EKS2	Erkin-Say	14.96 71	eP	Pn	00 50 25.3 -2.0
EKS2	Erkin-Say	14.96 71	eP	Pn	00 50 25.3 -2.0
BIDA	Albida	15.06 258	eP	Pn	00 50 35.0 +1.9
ZALF	Zaif	15.24 250	eP	Pn	00 50 30.6 -0.4
AAK	Ala-Archa	15.48 72	P	Pn	00 50 34.3 +0.1
AAK	Ala-Archa	15.48 72	Pn	Pn	00 50 33.7 -0.5
AAK	comp-Z,59nm,1.1s		Sn	Sn	00 53 20.8 -4.7
AAK	Ala-Archa	15.48 72deP	pmax	pmax	
AAK	Ala-Archa	15.48 72	Pn	Pn	00 50 33.7 -0.5
AAK	Ala-Archa	15.48 72	Pn	Pn	00 50 33.7 -0.5
NIG	Nigde	15.49 271	eP	P	00 50 40.0 +1.2
NIG	Nigde	15.49 271	eP	P	00 50 40.0 +1.2
USP	Ospenovka	15.56 69	P	Pn	00 50 32.5 -2.6
FRU	Bishkek	15.59 71	eP	Pn	00 50 33.0 -2.5

FRU		eS	Sn	00 53 22.0 -5.9	
FRU	comp-Z,60nm,2.1s	pmax	pmax		
FRU	comp-Z,2um,14.0s	MLR	MLR		
OTUK	Ortayu	15.60 50	Pn	00 50 32.6 -3.0	
OTUK	comp-Z,62nm,1.2s	Sn	Sn	00 53 20.6 -7.4	
OTUK	Ortayu	15.60 50	P	Pn	00 50 31.1 -4.5
OTUK	comp-Z,205nm,1.0s	pmax	pmax		
VORD	Divnogorie	15.62 322	eP	Pn	00 50 34.2 -1.6
VORD	comp-Z,40nm,0.4s	pmax	pmax		
VORD	comp-N,380nm,0.7s	pmax	pmax		
VORD	comp-E,300nm,0.9s	pmax	pmax		
CHMS	Chumysh	15.71 70	P	Pn	00 50 34.5 -2.5
CHMS	SNR=15				
SALA	Sala	15.78 250	eP	Pn	00 50 38.5 +0.4
KBA	Karagaybulak	15.82 72	P	Pn	00 50 39.1 +0.5
VSR	Storozhevoye	15.85 323	eP	Pn	00 50 36.2 -2.5
VSR	comp-Z,130nm,0.7s	pmax	pmax		
VSR	comp-N,160nm,0.8s	pmax	pmax		
VSR	comp-E,200nm,0.8s	pmax	pmax		
ASF	Jabal al Asfar	15.94 248	Pn	Pn	00 50 38.5 -1.6
SIM	Simferopol	15.98 297	eP	pmax	00 50 39.1 -1.3
SIM	comp-Z,54nm,0.9s	pmax	pmax		
SAM	comp-Z,100nm,13.0s	MLR	MLR		
KAMT	Kaman	15.98 276	eP	P	00 50 43.3 -0.9
KAMT	Kaman	15.98 276	eP	P	00 50 43.3 -0.9
BR131	Keskin Array S	16.00 278	eP	Pn	00 50 40.5 -0.4
BR131	comp-Z,6.9nm,0.6s				
BR131	Keskin Array S	16.00 278	eP	Pn	00 50 40.5 -0.4
BR131	comp-Z,6.9nm,0.6s				
BRTR	Keskin Array B	16.00 278	Pn	Pn	00 50 39.5 -1.4
BRTR	comp-Z,0.5nm,0.3s,baz=90,slow=13,SNR=19		pmax	pmax	
BRTR	Keskin Array B	16.00 278	P	Pn	00 50 42.2 +1.3
BRTR	comp-Z,3.0nm,0.6s		pmax	pmax	
KZA	Kyzart	16.01 74	P	Pn	00 50 39.5 -1.8
BRBR	Tokmak 2	16.02 254	eP	Pn	00 50 42.2 +1.0
VOR	Voronezh	16.18 324	eP	Sn	00 50 42.0 -1.0
VOR	comp-Z,250nm,1.0s	pmax	pmax		
VOR	SNR=8.9				
TKM2	Tokmak 2	16.32 71	P	Pn	00 50 43.1 -1.9
TKM2	comp-Z,28nm,1.1s	Sn	Sn	00 50 44.2 -0.8	
TKM2	Tokmak 2	16.32 71	Pn	Pn	00 50 44.2 -0.8
TKM2	comp-Z,11nm,1.0s		Sn	Sn	00 53 40.8 -5.0
TKM2	Tokmak 2	16.32 71	P	Pn	00 50 41.9 -3.1
TKM2	comp-Z,17nm,0.8s		pmax	pmax	
TKM2	Tokmak 2	16.32 71	Pn	Pn	00 50 44.2 -0.8
TKM2	comp-Z,8nm,1.1s		pmax	pmax	
TKM2	Tokmak 2	16.32 71	eP	Pn	00 50 43.0 -2.0
TKM2	comp-Z,17nm,0.7s		pmax	pmax	
TCHB	Talchebbat	16.36 251	eP	Pn	00 50 43.2 -2.2
MMAI	Mount Meron Ar	16.61 253	Pn	Pn	00 50 50.1 +1.5
MMAI	comp-Z,0.4nm,0.3s,baz=71,slow=15,SNR=7.9				
ANTO	Ankara	16.64 278	eP	Pn	00 50 50.3 +1.3
ANTO	comp-Z,80nm,0.8s		pmax	pmax	
ANTO	Ankara	16.64 278	P	Pn	00 50 49.7 +0.7
ANTO	comp-Z,80nm,0.8s		pmax	pmax	
ANTO	Ankara	16.64 278	eP	Pn	00 50 50.3 +1.3
ANTO	comp-Z,80nm,0.8s		pmax	pmax	
BR231	Keskin MP Arra	16.65 278	eP	Pn	00 50 44.8 -6.4
KSH	Kashli	16.66 83	eP	Pn	00 50 42.0 -5.3
KSH	comp-Z,84nm,3.7s		pmax	pmax	
KSH	comp-Z,84nm,3.7s		PMZ	PMZ	
KSH	comp-Z,360nm,5.7s		PMZ	PMZ	
ULHL	Ulahol	16.75 73	P	Pn	00 50 50.3 -0.3
LPSR	Galach'ya Gora	16.91 326	eP	Pn	00 50 51.0 -1.2
LPSR	comp-Z,90nm,0.6s		pmax	pmax	
LPSR	comp-N,50nm,1.3s		pmax	pmax	
LPSR	comp-E,120nm,1.3s		pmax	pmax	
ARU	Arti	17.19 8	P	Pn	00 50 53.9 -1.8
ARU	comp-E,0.0nm,0.3s,baz=357,slow=21,SNR=25		Sn	Sn	00 53 53.4 -1.3
ARU	comp-E,0.0nm,0.3s,baz=270,slow=20,SNR=3.7		LR	LR	00 58 59.6
ARU	Arti	17.19 8	P	Pn	00 50 52.4 -3.3
ARU	comp-Z,40nm,1.2s		pmax	pmax	
ARU	Arti	17.19 8	eP	Pn	00 50 52.3 -3.3
ARU	comp-Z,1um,21.0s		MLR	MLR	
ARU	Arti	17.19 8	eP	Pn	00 50 52.3 -3.3
ARU	comp-Z,420nm,18.7s,baz=100,slow=42		Sn	Sn	00 53 53.4 -1.3
KONT	Konya--Tatoy	17.26 272	eP	Pn	00 50 56.3 -0.5
KONT	Konya--Tatoy	17.26 272	eP	Pn	00 50 56.3 -0.5
KSS	Prodromos	17.36 282	eP	Pn	00 50 59.5 +0.1
CSS	Prodromos	17.36 282	eP	Pn	00 50 59.5 +0.1
HDMB	Hadim	17.39 269	eP	Pn	00 50 58.5 +0.9
HDMB	Hadim	17.39 269	eP	Pn	00 50 59.5 +0.9
BRVK	Borovoye	17.41 34	P	Pn	00 50 56.5 -2.0
BRVK	comp-Z,129nm,1.2s		Sn	Sn	00 54 05.3 -6.5
BRVK	comp-Z,338nm,1.1s		pmax	pmax	
BRVK	Borovoye	17.41 34	P	Pn	00 50 56.5 -2.0
BRVK	comp-N,417nm,1.2s		smax	smax	
BRVK	Borovoye	17.41 34	eP	Pn	00 50 56.7 -1.8
BVA0	Borovoye Array	17.43 34	P	Pn	00 50 57.3 -1.6
BVA0	comp-N,54nm,0.7s,baz=219,slow=4,SNR=329		Sn	Sn	

Main table containing station call signs, frequencies, and signal quality metrics. Includes sub-sections for '28Dr 0h' and '2010 AUG'.

28d Oh

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like HHC, KMBTO, CHTO, CMAR, LAMP, ES19, etc.

2010 AUG

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KLR, USRK, USRK, KSAR, etc.

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Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like PMR, PMR, PMR, SCM, etc.

GUR	Artemida-Makis	2.17 309	S	Sn	06 08 51.1 -0.4
AMT	Artemida-Makis	2.17 309	P	Pn	06 08 27.8 +0.8
AMT	Artemida-Makis	2.17 309	P	Pn	06 08 27.2 +0.2
ZKR	Zakros	2.21 118	S	Sn	06 08 27.2 +0.2
ZKR	Zakros	2.21 118	eS	Sn	06 08 27.3 -0.2
ZKR	Zakros	2.21 118	eS	Sn	06 08 53.1 -0.5
ZKR	Zakros	2.21 118	S	Sn	06 08 27.3 -0.2
ZKR	Zakros	2.21 118	S	Sn	06 08 53.9 +0.3
EREa	Eretria	2.24 2	eP	Pn	06 08 27.8 -0.1
EREa	Eretria	2.24 2	eP	Pn	06 08 53.8 -0.5
EREa	Eretria	2.24 2	S	Sn	06 08 27.9 0.0
EREa	Eretria	2.24 2	S	Sn	06 08 53.8 -0.5
KLV	Kalavryta, Ach	2.30 325	eP	Pn	06 08 28.5 -0.2
KLV	Kalavryta, Ach	2.30 325	eP	Pn	06 08 28.5 -0.2
KLV	Kalavryta, Ach	2.30 325	S	Sn	06 08 55.9 +0.1
KLV	Kalavryta, Ach	2.30 325	S	Sn	06 08 28.4 -0.2
KLV	Kalavryta, Ach	2.30 325	S	Sn	06 08 55.9 +0.1
DRO	Drossia	2.45 317	eP	Pn	06 08 31.6 +0.8
DRO	Drossia	2.45 317	eP	Pn	06 08 30.8 0.0
DRO	Drossia	2.45 317	S	Sn	06 09 00.4 +0.8
DRO	Drossia	2.45 317	S	Sn	06 08 30.8 0.0
DESf	Desfina	2.46 335	eP	Pn	06 08 30.5 -0.4
DESf	Desfina	2.46 335	eP	Pn	06 08 30.5 -0.4
DESf	Desfina	2.46 335	S	Sn	06 08 59.2 -0.6
DSF	Desfina	2.46 335	eP	Pn	06 08 31.8 -0.1
DSF	Desfina	2.46 335	eP	Pn	06 08 31.8 -0.1
MRKA	Markates	2.53 356	eP	Pn	06 08 31.8 -0.1
MRKA	Markates	2.53 356	eP	Pn	06 08 31.8 -0.1
MRKA	Markates	2.53 356	S	Sn	06 09 01.0 -0.5
MRKA	Markates	2.53 356	S	Sn	06 08 31.8 -0.1
MRKA	Markates	2.53 356	S	Sn	06 09 01.0 -0.5
LAKA	Lakka	2.54 325	eP	Pn	06 08 31.7 -0.2
LAKA	Lakka	2.54 325	eP	Pn	06 08 31.7 -0.2
LAKA	Lakka	2.54 325	S	Sn	06 09 01.3 -0.3
LAKA	Lakka	2.54 325	S	Sn	06 08 31.6 -0.3
LKR	Lokris	2.56 345	eP	Pn	06 08 32.0 -0.2
LKR	Lokris	2.56 345	eP	Pn	06 08 32.0 -0.2
LKR	Lokris	2.56 345	S	Sn	06 09 01.8 -0.3
LKR	Lokris	2.56 345	S	Sn	06 08 31.6 -0.3
KALE	Kaliitheia	2.59 329	eP	Pn	06 08 32.4 -0.3
KALE	Kaliitheia	2.59 329	eP	Pn	06 08 32.4 -0.3
KALE	Kaliitheia	2.59 329	S	Sn	06 09 02.8 -0.2
KALE	Kaliitheia	2.59 329	S	Sn	06 08 32.5 -0.2
TRIZ	Trizonia	2.60 328	eP	Pn	06 08 32.6 -0.2
TRIZ	Trizonia	2.60 328	eP	Pn	06 08 32.6 -0.2
TRIZ	Trizonia	2.60 328	S	Sn	06 09 02.9 -0.1
TRIZ	Trizonia	2.60 328	S	Sn	06 08 32.5 -0.2
RLS	Riolos of Patr	2.67 316	eP	Pn	06 08 34.0 +0.4
RLS	Riolos of Patr	2.67 316	eP	Pn	06 08 33.4 -0.2
RLS	Riolos of Patr	2.67 316	S	Sn	06 09 05.2 +0.5
RLS	Riolos of Patr	2.67 316	S	Sn	06 08 33.4 -0.2
EFp	Efpalio	2.72 326	eP	Pn	06 08 34.4 0.0
EFp	Efpalio	2.72 326	eP	Pn	06 08 34.4 0.0
EFp	Efpalio	2.72 326	S	Sn	06 09 06.6 +0.5
EFp	Efpalio	2.72 326	S	Sn	06 08 34.4 0.0
SMIA	Simia	2.74 350	eP	Pn	06 08 35.0 +0.2
SMIA	Simia	2.74 350	eP	Pn	06 08 34.9 +0.2
SMIA	Simia	2.74 350	S	Sn	06 09 06.4 -0.3
SMIA	Simia	2.74 350	S	Sn	06 08 34.9 +0.2
AXAR	Agios Charalam	2.75 341	eP	Pn	06 08 35.4 +0.3
AXAR	Agios Charalam	2.75 341	eP	Pn	06 08 34.9 +0.1
AXAR	Agios Charalam	2.75 341	S	Sn	06 09 06.7 -0.1
AXAR	Agios Charalam	2.75 341	S	Sn	06 08 34.9 +0.1
KARP	Karpathos	2.78 102	eP	Pn	06 08 35.3 +0.1
KARP	Karpathos	2.78 102	eP	Pn	06 08 35.1 -0.1
KARP	Karpathos	2.78 102	S	Sn	06 09 07.8 +0.3
KARP	Karpathos	2.78 102	S	Sn	06 08 35.1 -0.1
CHOS	Chios island	2.83 38	eP	Pn	06 08 35.8 -0.2
CHOS	Chios island	2.83 38	eP	Pn	06 08 35.8 -0.2
CHOS	Chios island	2.83 38	S	Sn	06 08 35.5 -0.5
CHOS	Chios island	2.83 38	S	Sn	06 09 08.5 -0.4
SMG	Samos	2.85 57	eP	Pn	06 08 36.1 -0.1
SMG	Samos	2.85 57	eP	Pn	06 08 36.1 -0.1
SMG	Samos	2.85 57	S	Sn	06 09 09.8 +0.4
SMG	Samos	2.85 57	S	Sn	06 08 36.1 -0.1
AOS	Alonnisos	2.99 1	eP	Pn	06 08 37.6 -0.5
AOS	Alonnisos	2.99 1	eP	Pn	06 08 37.6 -0.5
AOS	Alonnisos	2.99 1	S	Sn	06 09 12.1 -0.6
AOS	Alonnisos	2.99 1	S	Sn	06 08 37.6 -0.5
AGG	Agios Georgios	3.08 338	eP	Pn	06 08 39.6 +0.2
AGG	Agios Georgios	3.08 338	eP	Pn	06 08 39.6 +0.2
AGG	Agios Georgios	3.08 338	S	Sn	06 09 14.5 -0.5
AGG	Agios Georgios	3.08 338	S	Sn	06 08 39.6 +0.2
KFL	Anninata	3.10 309	eP	Pn	06 08 40.7 +0.5
KFL	Anninata	3.10 309	eP	Pn	06 08 40.7 +0.5
KFL	Anninata	3.10 309	S	Sn	06 09 15.8 +0.3
KFL	Anninata	3.10 309	S	Sn	06 08 40.7 +0.5
MAKR	Makrakomi, Fth	3.14 335	eP	Pn	06 08 40.7 +0.5
MAKR	Makrakomi, Fth	3.14 335	eP	Pn	06 08 40.7 +0.5
MAKR	Makrakomi, Fth	3.14 335	S	Sn	06 09 17.4 +1.0
MAKR	Makrakomi, Fth	3.14 335	S	Sn	06 08 40.7 +0.5
NEO	Neokhori	3.16 351	eP	Pn	06 08 40.6 +0.1
NEO	Neokhori	3.16 351	eP	Pn	06 08 40.6 +0.1
NEO	Neokhori	3.16 351	S	Sn	06 09 17.1 +0.1
NEO	Neokhori	3.16 351	S	Sn	06 08 40.6 +0.1
EVR	Evyrytania	3.17 330	eP	Pn	06 08 41.5 +0.8
EVR	Evyrytania	3.17 330	eP	Pn	06 08 41.5 +0.8
EVR	Evyrytania	3.17 330	S	Sn	06 09 18.5 +0.8
EVR	Evyrytania	3.17 330	S	Sn	06 08 41.5 +0.8
PDO	Prodromos	3.21 320	eP	Pn	06 08 41.9 +0.8
PDO	Prodromos	3.21 320	eP	Pn	06 08 41.9 +0.8
PDO	Prodromos	3.21 320	S	Sn	06 09 18.5 +0.4
PDO	Prodromos	3.21 320	S	Sn	06 08 41.9 +0.8
XOR	Xorichti	3.22 351	eP	Pn	06 08 41.2 -0.2
XOR	Xorichti	3.22 351	eP	Pn	06 08 41.2 -0.2
XOR	Xorichti	3.22 351	S	Sn	06 09 18.3 -0.2
XOR	Xorichti	3.22 351	S	Sn	06 08 41.2 -0.2
FYTO	Fytoko, Volos	3.30 348	eP	Pn	06 08 42.6 +0.2
FYTO	Fytoko, Volos	3.30 348	eP	Pn	06 08 42.6 +0.2
FYTO	Fytoko, Volos	3.30 348	S	Sn	06 09 20.2 -0.2
FYTO	Fytoko, Volos	3.30 348	S	Sn	06 08 42.6 +0.2
SIGR	SIGRI	3.43 27	eP	Pn	06 08 43.5 -0.6
SIGR	SIGRI	3.43 27	eP	Pn	06 08 43.5 -0.6
SIGR	SIGRI	3.43 27	S	Sn	06 09 23.0 -0.5
SIGR	SIGRI	3.43 27	S	Sn	06 08 43.5 -0.6
ARG	Arkhangelos	3.47 88	eP	Pn	06 08 45.9 +1.1
ARG	Arkhangelos	3.47 88	eP	Pn	06 08 45.9 +1.1
ARG	Arkhangelos	3.47 88	S	Sn	06 09 24.6 0.0
ARG	Arkhangelos	3.47 88	S	Sn	06 08 45.9 +1.1
LKD2	Lefkada island	3.63 317	eP	Pn	06 08 47.1 +0.2
LKD2	Lefkada island	3.63 317	eP	Pn	06 08 47.1 +0.2
LKD2	Lefkada island	3.63 317	S	Sn	06 09 28.7 +0.2
LKD2	Lefkada island	3.63 317	S	Sn	06 08 47.1 +0.2
DSL	Palaion Diasel	3.66 324	eP	Pn	06 08 47.4 0.0
DSL	Palaion Diasel	3.66 324	eP	Pn	06 08 47.4 0.0
DSL	Palaion Diasel	3.66 324	S	Sn	06 09 29.9 +0.5
DSL	Palaion Diasel	3.66 324	S	Sn	06 08 47.4 0.0
THL	Klokotos Trika	3.67 338	eP	Pn	06 08 48.2 +0.7
THL	Klokotos Trika	3.67 338	eP	Pn	06 08 48.2 +0.7
THL	Klokotos Trika	3.67 338	S	Sn	06 09 29.6 0.0
THL	Klokotos Trika	3.67 338	S	Sn	06 08 48.2 +0.7
PAIG	Paliouri	3.75 358	eP	Pn	06 08 47.9 -0.6
PAIG	Paliouri	3.75 358	eP	Pn	06 08 47.9 -0.6

PAIG	Paliouri	3.75 358	P	Pn	06 08 47.7 -0.8
LIA	Limnos Island	3.87 16	P	Pn	06 08 49.8 -0.3
LIA	Limnos Island	3.87 16	S	Sn	06 09 34.1 -0.1
LIA	Limnos Island	3.87 16	S	Sn	06 08 49.8 -0.3
LIT	Litokhoron	4.06 345	S	Sn	06 09 34.1 -0.1
LIT	Litokhoron	4.06 345	S	Sn	06 08 52.6 -0.2
LIT	Litokhoron	4.06 345	S	Sn	06 09 39.4 +0.3
LIT	Litokhoron	4.06 345	S	Sn	06 08 52.6 -0.2
MEV	Metsovon	4.15 331	eP	Pn	06 08 55.0 +0.8
MEV	Metsovon	4.15 331	eP	Pn	06 08 54.8 +0.6
MEV	Metsovon	4.15 331	P	Pn	06 08 54.8 +0.6
OUR	Ouranopolis	4.15 2	eP	Pn	06 08 54.0 -0.1
OUR	Ouranopolis	4.15 2	eP	Pn	06 08 54.0 -0.1
OUR	Ouranopolis	4.15 2	P	Pn	06 08 53.8 -0.3
OUR	Ouranopolis	4.15 2	P	Pn	06 08 54.0 -0.1
PLG	Polygyros	4.20 356	P	Pn	06 08 54.8 0.0
PLG	Polygyros	4.20 356	P	Pn	06 08 54.8 0.0
HORT	Horiatias	4.45 353	eP	Pn	06 08 58.4 +0.1
HORT	Horiatias	4.45 353	eP	Pn	06 08 58.0 -0.3
HORT	Horiatias	4.45 353	P	Pn	06 08 58.0 -0.3
HORT	Horiatias	4.45 353	P	Pn	06 08 58.0 -0.3
NEST	Nestorio	4.76 333	eP	Pn	06 09 02.4 -0.2
NEST	Nestorio	4.76 333	eP	Pn	06 09 02.4 -0.2
NEST	Nestorio	4.76 333	S	Sn	06 09 02.0 -0.6
NEST	Nestorio	4.76 333	S	Sn	06 09 02.4 -0.2
NEST	Nestorio	4.76 333	S	Sn	06 09 02.0 -0.6
NEST	Nestorio	4.76 333	S	Sn	06 09 57.1 +0.6
SLUM	baz=174	4.81 166	P	Pn	06 08 58.6 -4.5
SLUM	baz=174	4.81 166	P	Pn	06 08 58.6 -4.5
KAVA	Kavala	4.84 6	P	Pn	06 09 03.0 -0.5
KAVA	Kavala	4.84 6	P	Pn	06 09 03.0 -0.5
SRS	Serrai	4.94 358	P	Pn	06 09 05.0 +0.1
SRS	Serrai	4.94 358	P	Pn	06 09 05.0 +0.1
KNT	Kendrikon	5.03 352	eP	Pn	06 09 07.0 +0.9
KNT	Kendrikon	5.03 352	eP	Pn	06 09 07.0 +0.9
KNT	Kendrikon	5.03 352	S	Sn	06 10 03.1 +0.1
KNT	Kendrikon	5.03 352	S	Sn	06 09 07.2 +1.1
KNT	Kendrikon	5.03 352	S	Sn	06 10 03.1 +0.1
BARJ	Barje	6.81 347	ePn	Pn	06 09 31.2 +0.6
BARJ	Barje	6.81 347	ePn	Pn	06 09 29.8 -4.0

GUC 28 06:21:58.4-0.7, 34:91Sx72.67W, h40km, 3km, ML3.8, 4C-2D, Near coast of central Chile

Code	Station Name	Δ° AZ°	Phase ID	Op	ISC	Time	Res
						h m s	ISC
U6SB	Hualae0	0.72	95	I/P	Pn	06 22 12.4 +0.2	
U6SB	Hualae0			I/S	Sn	06 22 23.9 +0.6	
U6SB	Hualae0			AML	Sn	06 22 23.9	
TALC	Talca	0.98	120	I/P	Pn	06 22 17.4 +1.8	
TALC	Talca			I/S	Sn	06 22 30.7 +2.4	
NICH	Los Niches	1.18	95	I/P	Pn	06 22 20.4 +2.0	
NICH	Los Niches			I/S	Sn	06 22 36.7 +3.4	
COCH	Cobquecura	1.22	185	I/P	Pn	06 22 20.1 +1.1	
COCH	Cobquecura			I/S	Sn	06 22 36.2 +1.8	
U69B	Peumo	1.34	67	I/P	Pn	06 22 21.9 +1.3	
U69B	Peumo			I/S	Sn	06 22 39.1 +1.9	
U69B	Peumo			AML	Sn	06 22 44.2	
U73B	San Pedro	1.43	46	I/P	Pn	06 22 22.1 +0.3	
U73B	San Pedro			I/S	Sn	06 22 40.1 +0.7	
U73B	San Pedro			AML	Sn	06 22 46.4	
RCHM	Rinconada Maip	2.09	48	eP	Pn	06 22 31.6 +0.6	
CLCD							

28th 7h

2010 AUG

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Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like HNR Honiara, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, NVAR Mina Array Bea, ILAR Eielson Array.

IDC 28 07:02:48.2.5.1, 6.03S, 153.28E, h87km, 44km, mb3.2/6, mb1 3.3/7, mb1mx3.2/21, mb2mp3.6/7, MS2.8/1, Ms1 2.8/1, ms1mx2.3/13, Error ellipse: s-maj=33.7km s-min=28.7km az=19.0, New Britain region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like PMG Port Moresby, DZM Mont Dumac, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, ZALV Zalesovo Beam, KURBB Kurchatov Arra, TORD Torodi Arr.

SZGRF 28 07:08:01.5, 42.50N, 12.88E, h10km, mb3.2, MS4.8, Central Italy. GEN 28 07:08:02.4, 42.85N, 12.96E, h6km, ML4.1. ISCJB 28 07:08:03.4, 0.2, 42.85N, 0.1, 12.61E, 0.01, h12km, 1km, mb4.2/19, MS3.2/13, Error ellipse: s-maj=1.9km s-min=1.3km az=36.3. ROM 28 07:08:03.0, 1.4, 42.83N, 12.65E, h7km, 1km, M1.1/33, Error ellipse: s-maj=1.1km s-min=1.0km az=74.0. MOS 28 07:08:03.0, 1.4, 42.87N, 12.57E, h7km, mb.6/8, Error ellipse: s-maj=6.9km s-min=3.7km az=75.2. IDC 28 07:08:03.4, 0.8, 42.88N, 12.50E, h0km, mb4.1/14, mb1 4.0/28, mb1mx4.0/45, mb2mp4.0/28, ML3.9/12, MS3.2/22, Ms1 3.2/22, ms1mx3.0/46, Error ellipse: s-maj=13.2km s-min=12.4km az=80.0. NEIC 28 07:08:03.0, 42.85N, 12.66E, h8km, mb4.3/3, ML4.0 (ROM), After ROM. NEIC Feil [V] at Montefalco and [IV] at Assisi, Bruna, Foligno, Guaisio Martina, Spoleto, Todi, and Trevi. Felt throughout Marche and Umbria and in parts of Abruzzo and Lazio. BEO 28 07:08:04.7, 0.8, 42.93N, 12.62E, h0km, ML4.1/1. CSEM 28 07:08:04.1, 0.1, 42.87N, 12.60E, h2km, mb4.3/6, ML4.2/15, MS3.2, Error ellipse: s-maj=2.0km s-min=1.4km az=36.0. PDG 28 07:08:04.2, 0.2, 42.85N, 12.66E, h10km, 1km, ML4.3/10, Error ellipse: s-maj=0.7km s-min=0.8km az=0.0. THE 28 07:08:05.1, 42.99N, 12.66E, h16km, 13km, ML4.4/8, Error ellipse: s-maj=18.0km s-min=1.2km az=283.0. LDG 28 07:08:05.3, 0.1, 42.93N, 12.78E, h10km, M1.3/36, Error ellipse: s-maj=3.0km s-min=1.6km az=17.0. PRU 28 07:08:07.4, 43.08N, 12.76E, h0km, M4.3. ISC 28 07:08:04.5, 0.9, 42.85N, 0.01, 12.63E, 0.01, h8km, 5km, m682, r1s59/821, mb4.3/19, MS3.3/13, 42C-31D, Central Italy.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like CESX Cesi, FDMO Fiordimonte, MGAB Montegabbione, MNS Montasola, ATFO Monte Focce, SACS San Casciano, ATVO AVT-Monte Val, CING Cingoli, CDCA Citt' di Caste.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like CAFI Castiglione Fio, ARVD Arcevia, PIEI Pieia, FIAM Fiamignano, BADI Badiali, TERO Tero, AQU L'Aquila, PARC Parcihule, FSSB Fossombrone, CRE Caprese Michel, TOLF Tolfa, FAGN Fagnano, CERT Cerreto, TRTR Tortoreto Alta, SENI Senigallia, GUMA Gualdo di Mace, AOI Ancona, VCEL Villa Celiera, PTQR Pietraquaria, ASQU Asqua, CSNT Castellina Chi, GUAR Guarano, MAON Monte Argentar, CASP Castiglione de, POPM Poppo, MAIM Mastiano, ADRI Adria, BACM Bacina, GRAM Graiana, CODM Codolo, PGF Pioggia, PGF Pioggia, SKDS Skadanscina, ADRI Adria, BACM Bacina, GRAM Graiana, CODM Codolo, PGF Pioggia, MARN Marana, TRI Trieste, TRI Trieste, TRI Trieste, MTLO Montello, CGRP Cima Grappa, CAE Canera, TLI Talmassons, BALD Monte Baldo, CAE Canera, VARN Col Varnada, POLC Polcenigo, DDS Dosso del Somm, DDS Dosso del Somm, SABS Sabotino, BOUS Bojanci, BOUS Bojanci, BOUS Bojanci, MLNI Malnisio, MLNI Malnisio, COLI Coloredo, COLI Coloredo, PANI Panarotta, PANI Panarotta.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like VISS Visnje, BUA Buia, MPRI Monte Prat, DRE Drenchia, FRE Forcella Aurin, FAU Forcella Aurin, PCP Pincastagn, BAD Bernardia, GAD Genadi, CSO Casso, CSO Casso, VINO Villanova, VINO Villanova, RNI Roncone, AGOR Agordo, CIMO Cimolais, CIMO Cimolais, LJLU Ljubljana, LJLU Ljubljana, LJLU Ljubljana, FUSE Fusesa, GORS Gorjuse, GORS Gorjuse, LEGS Legarje, LEGS Legarje, CASM Casera Minoias, CSMI Casera Minoias, LSR Lussari, LSR Lussari, AFL Alpe Falaria, AFL Alpe Falaria, ZOC Zoccolo, CUC Castruccio, CUC Castruccio, ACOM Acicomiza, ACOM Acicomiza, BLY Banja Luka, BLY Banja Luka, MYKA Terra Mystica, MYKA Terra Mystica, ABTA Abfattersbach, ABTA Abfattersbach, OBKA Obir, OBKA Obir, OBKA Obir, SBF Sospel, SBF Sospel, ABSI Obersteuckl, MOSI Grossmontoni, RISI Rein, VSL Villasalto, VSL Villasalto, ROSI Roskopf, SOKA Soboth, SOKA Soboth, TREB Trebnie, TREB Trebnie, KBA Koelnbreinsper, KBA Koelnbreinsper, TUE Stuetta, TUE Stuetta, BRY Bratogost, BRY Bratogost, BRY Bratogost, HCY Herceg Novi, HCY Herceg Novi, FETA Feichten, FETA Feichten, DAVOX Davos/Dischmat, DAVOX Davos/Dischmat, DAVOX Davos/Dischmat, DAVOX Davos/Dischmat, TRAV Traversella, WTTA Wattenberg, WTTA Wattenberg, WTTA Wattenberg, LMR La Moure, LMR La Moure, WATA Walderalm, WATA Walderalm, UPM Unac-Piva, UPM Unac-Piva, MOTA Moosalm, MOTA Moosalm, MBDF Montbardon, MBDF Montbardon, NKME Niksic, NKME Niksic, NKME Niksic, BUM Brajici-Budva, BUM Brajici-Budva, BEHE Becsehely, NKY Niksic, NKY Niksic, RETA Reutte, RETA Reutte, TIP Timpagrande, TIP Timpagrande, TIP Timpagrande.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ASAR Alice Springs, MKAR Makanchi Array, KURKB Kurchatov Arra, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, etc.

ISCJB 28 09:51:26.0, 0.3, 33.78N, 0.03:35.73E, 0.04, h0km, 7km, Error ellipse: s-maj=5.7km s-min=4.1km az=153.3

GRAL 28 09:51:25.7, 0.3, 33.79N, 35.74E, h13km, 4km, MD2.8 CSEM 28 09:51:25.8, 0.2, 33.77N, 35.69E, h5km, ML2.8, Error ellipse: s-maj=5.1km s-min=3.0km az=77.0

ISC 28 09:51:26.0, 0.9, 33.78N, 0.02:35.73E, 0.04, h10km, 8km, n30, c#51/46, Jordan - Syria region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BHL Bhanes, BH Bhanes, DQRL Deir Qamar, etc.

GUC 28 09:18:28.4, 0.3, 21.54S, 68.60W, h93km, 11km, ML3.8, 1D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PB01 IPOC Station P, PB07 IPOC Station P, etc.

IDC 28 09:19:40.9, 14.0, 17.72S, 167.19E, h0km, mb3.8/3, mb1 4.0/4, mb1mx3.7/26, mbtmp3.8/4, ML3.2/1, MS3.2/1, Ms1 3.1/1, ms1mx2.3/32, Error ellipse: s-maj=21.0km s-min=38.8km az=69.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DZM Mont Dzumac, STKA Stephens Creek, WRA Warramunga Arr, etc.

IDC 28 09:23:31.5, 5.7, 37.01N, 178.58E, h0km, mb3.6/3, mb1 3.7/5, mb1mx3.4/28, mbtmp3.7/5, ML3.8/2, MS3.1/1, Ms1 3.1/1, ms1mx2.2/43, Error ellipse: s-maj=119.8km s-min=39.6km az=118.0

NNC 28 09:24:02.7, 2.4, 38.16N, 176.65E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=19.1km s-min=18.3km az=139.0

ISC 28 09:23:34.7, 2.5, 37.22N, 0.2:78.3E, 0.2, h10km, n11, c#114/6, mb3.7/3, 5C-6D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SFK Sufi-Kurgan, TKM2 Tokmak 2, AAK Ala-Archa, etc.

IDC 28 09:35:10.1, 5.6, 6.87S, 150.09E, h0km, mb3.6/4, mb1 3.9/5, mb1mx3.6/19, mbtmp3.7/5, ML1.7/1, MS3.4/1, Ms1 3.4/1, ms1mx2.3/19, Error ellipse: s-maj=65.7km s-min=23.7km az=124.0, New Britain region

IDC 28 10:13:46.3, 1.9, 41.15S, 85.76E, h0km, mb3.7/5, mb1 4.0/5, mb1mx3.7/19, mbtmp3.7/5, MS3.7/7, Ms1 3.7/7, ms1mx3.3/20, Error ellipse: s-maj=48.0km s-min=33.4km az=85.0, Southeast Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, MAW Maxwell, etc.

IDC 28 10:16:56.5, 3.0, 10.94S, 163.19E, h0km, mb3.7/4, mb1 3.8/5, mb1mx3.6/20, mbtmp3.7/5, ML3.3/1, Error ellipse: s-maj=57.7km s-min=42.9km az=66.0, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DZM Mont Dzumac, WRA Warramunga Arr, ASAR Alice Springs, etc.

SJA 28 10:27:11.7, 1.1, 28.30S, 71.67W, h33km, 69km, ML3.7, MW3.9, 5D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LCO Las Campanas, AGUA GUANDACOL, VCA Vinchina, etc.

Table with columns: KIZK, SARI, YAYX, YAYB, PINB, PINB, HDMB, HDMB. Includes station names and coordinates.

NIED 28 10:12:00, 45:90N, 151:80E, h32km, Mw3.6 Best double couple: Ms3.22000*1014 NP1.9*126.0000*, 872.00000*, 2*16.00000*, NP2.9*221.00000*, 875.00000*, 2*161.00000*

JMA 28 10:12:27.1, 0.6, 45:88N, 151:79E, h30km, M4.3 SKHL 28 10:12:28.9, 0.8, 45:29N, 151:93E, h40km, 10km, mb4.6/2, 1D, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KUR Kuril'sk, KUR 62nm, 0.4s, KUR 97nm, 0.5s, YUK Yuzh-Kuril'sk, etc.

IDC 28 10:13:46.3, 1.9, 41.15S, 85.76E, h0km, mb3.7/5, mb1 4.0/5, mb1mx3.7/19, mbtmp3.7/5, MS3.7/7, Ms1 3.7/7, ms1mx3.3/20, Error ellipse: s-maj=48.0km s-min=33.4km az=85.0, Southeast Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, MAW Maxwell, etc.

IDC 28 10:16:56.5, 3.0, 10.94S, 163.19E, h0km, mb3.7/4, mb1 3.8/5, mb1mx3.6/20, mbtmp3.7/5, ML3.3/1, Error ellipse: s-maj=57.7km s-min=42.9km az=66.0, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DZM Mont Dzumac, WRA Warramunga Arr, ASAR Alice Springs, etc.

SJA 28 10:27:11.7, 1.1, 28.30S, 71.67W, h33km, 69km, ML3.7, MW3.9, 5D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LCO Las Campanas, AGUA GUANDACOL, VCA Vinchina, etc.

NNC 28 10:32:17.3:2.5, 36.95N:70.68E, h0km, mb3.7, mpv3.3, 3C-2D, Error ellipse: s-maj=19.2km s-min=17.5km

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Sufi-Kurgan, SFK, MNAS, KK31.

JMA 28 10:41:38.1:0.3, 33.37N:138.81E, h290km, 3km, M3.3

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Hachijo jima, Mitsune, Tokai, etc.

ISC 28 10:41:38.1:0.7, 33.25N:138.51E, h272km, 7km, mb3.1/8, mb1 3.3/9, mb1mx3 1/26, mbtmp3 7/9, Error ellipse:

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Hachijo jima, Mitsune, Tokai, etc.

MEX 28 11:03:00.1:2, 18.83N:104.61W, h10km, MD3.5, Near coast of Jalisco

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like R15V, EZSV, MMIG.

NNC 28 11:13:21.4:1.4, 39.59N:73.76E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=15.3km s-min=7.8km az=68.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Sufi-Kurgan, SFK, FRG, etc.

KRNET 28 11:13:25.0:1.1, 39.76N:73.25E, h1km, mb3.4

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Sufi-Kurgan, SFK, FRG, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like ULHL, TKM2, DZET, etc.

BUI 28 11:19:30.0, 36.18N:70.27E, h72km, mb4.8/5.4, mb4.7/3.4, Ms4.2/2.4, Ms7 3.8/2.2

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Cherat, Dzerhino, etc.

ISC 28 11:19:32.5:0.3, 36.06N:70.03E, h73km, 2km, h72km: p-p, n291, c19792/359, mb4.7/86, 29C-27D, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Cherat, Dzerhino, etc.

MEX 28 11:03:00.1:2, 18.83N:104.61W, h10km, MD3.5, Near coast of Jalisco

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like ULHL, TKM2, DZET, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like DDI, DDI, DDI, etc.

Alma-Ata 8.74 33 eP Pn 11 21 37.6 +1.4

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Alma-Ata, Borovoye, etc.

Table with columns: MAJO, Matsushiro, 53.48, 68d, iP, P, 11 28 45.1 -0.3, etc. Includes stations like MAJO, MATSUSHIRO, MJAR, MA2, SEY, DAG, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MRKA, SMIA, ATAL, etc.

Table with columns: LKR, Platees, 0.44, 189, ePN, S, Sg, 11 33 19.9 -0.2, etc. Includes stations like WIL2, VILL, AXAR, etc.

Table with columns: WEL, 11:34:30.8±0.3, 36.975±177.43E, h135km, 2km, ML3.5/12, etc. Includes stations like HAZ, MZX, OPRZ, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CAPV, ROSC, ROSC, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KCPM, O03D, KHMH, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CISI, CISI, CISI, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SKJI, SKJI, TNG, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CAPV, ROSC, ROSC, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ULDL, ULDL, ULDL, etc.

28d 13h

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ABDVT, CAVI, KCTX, etc.

ISCJB 28 12:17:39.7.0.5, 40.53N, 0.04.30.57E, 0.04, h10km, 5km, Error ellipse: s-maj=6.8km s-min=4.7km az=5.7

ISC 28 12:17:39.5, 40.53N, 30.57E, h9km, MD2.5

CSEM 28 12:17:39.7.0.2, 40.52N, 30.58E, h10km, MD2.5, Error ellipse: s-maj=4.9km s-min=3.6km az=6.0

DDA 28 12:17:39.5, 40.51N, 30.59E, h7km, MD2.4

ISC 28 12:17:39.6-0.9, 40.51N, 0.03.30.59E, 0.02, h11km, 6km, n25, a0539/34, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like GULT, SPNC, GPA, BTAS, etc.

ISK 28 12:28:34.0, 39.76N, 30.11E, h4km, MD2.8

CSEM 28 12:28:34.5-0.1, 39.75N, 30.11E, h5km, ML3.0, Error ellipse: s-maj=2.6km s-min=2.6km az=18.0

DDA 28 12:28:34.3, 39.74N, 30.10E, h16km, ML3.0

ISC 28 12:28:35.2-0.9, 39.73N, 0.02.30.10E, 0.02, h15km, 7km, n62, i103/81, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like AUKUT, BORA, CAVI, etc.

2010 AUG

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like BOLV, DURS, ARMT, etc.

ISCJB 28 12:49:05.7.0.6, 39.98N, 0.03.27.38E, 0.04, h3km, 6km, Error ellipse: s-maj=5.9km s-min=4.5km az=37.7

ISC 28 12:49:05.3, 39.96N, 27.37E, h4km, MD2.8

DDA 28 12:49:05.8, 39.98N, 27.41E, h7km, MD2.8

CSEM 28 12:49:06.1-0.2, 39.98N, 27.41E, h10km, MD2.8, Error ellipse: s-maj=4.1km s-min=3.3km az=42.0

ISC 28 12:49:05.9-1.1, 39.98N, 0.03.27.39E, 0.02, h7km, 11km, n30, a0542/40, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like BOLA, RKY, KULA, etc.

DJA 28 12:52:11.3-0.4, 1.54, 4.9, 9E, h21km, 6km, M3.5/7, ML3.5/7, Southern Sumatra

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SISI, PPI, PPSI, etc.

SJA 28 13:02:48.8-1.2, 31.00S, 69.03W, h109km, 7km, ML3.3, MW3.8, San Juan Province

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like RTLL, SJA, CFAA, etc.

ISC 28 13:26:09.4, 38.87N, 27.84E, h4km, MD2.6

CSEM 28 13:26:10.2-0.2, 38.86N, 27.83E, h0km, 2km, MD2.6, Error ellipse: s-maj=5.9km s-min=3.1km az=28.0

DDA 28 13:26:10.8, 38.83N, 27.86E, h5km, MD2.6

ISC 28 13:26:09.9-0.9, 38.87N, 0.04.27.83E, 0.03, h2km, 5km, n15, a0960/26, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like AKHS, ARCO, MANT, etc.

1450

Table with columns: DURS, Dursunbey, 0.89, 34, eP, Pg, 13 26 27.5 +0.5

TAP 28 13:32:42.1, 24.55N, 121.81E, h6km, ML2.1, C, Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like TWC, ENA, TWE, etc.

TAP 28 13:32:45.9, 24.55N, 121.84E, h6km, ML2.1, D, Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like TWC, ENA, TWE, etc.

CSEM 28 13:33:06.0-0.1, 35.57N, 4.67W, h10km, ML2.9/5, Error ellipse: s-maj=3.1km s-min=2.7km az=40.0

MDD 28 13:33:06.1-0.3, 35.57N, 4.63W, h0km, mbLg2.5/37, Error ellipse: s-maj=3.8km s-min=3.1km az=42.0, PRXIMO

INMG 28 13:33:07.8-1.2, 35.61N, 4.67W, h10km, ML2.4, Error ellipse: s-maj=4.0km s-min=2.3km az=1.0

LDG 28 13:33:07.1-0.3, 35.48N, 4.60W, h10km, ML2.9/4, Error ellipse: s-maj=6.4km s-min=2.8km az=171.0

IGIL 28 13:33:07.1, 35.58N, 4.64W, h0km, ML2.4

CNRN 28 13:33:08.4, 35.51N, 4.57W, h0km, MD2.8

ISC 28 13:33:05.4-1.0, 35.59N, 0.02.46.2W, 0.02, h15km, 9km, n146, i144/266, 1D, Strait of Gibraltar

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like DKH, ECEU, EMEL, etc.

SELV	4.5nm,0.2s,SNR=7.9	S	Sb	13 34 01.8 +1.4		
EQUE	4.8nm,0.2s,SNR=7.9	1.87	30	P	Pn	13 33 38.1 +1.0
EQUE	Quantar					
EQUE	5.1nm,0.2s,SNR=7.8					13 34 01.8 +1.3
EQUE	2.9nm,0.2s,SNR=8.5	1.87	30	P	Pn	13 33 38.1 +1.0
EQUE	Quantar					
EQUE	5.1nm,0.2s,SNR=7.8					13 34 01.8 +1.3
ECOG	2.9nm,0.2s,SNR=8.5					13 33 39.8 +0.2
ECOG	Cogollos-Vega	1.89	26	P	Pb	13 33 39.8 +0.2
ECOG	3.8nm,0.4s,SNR=7.9					13 34 01.0 +0.1
ECOG	Cogollos-Vega	1.89	26	P	Pb	13 33 39.8 +0.2
ECOG	3.8nm,0.4s,SNR=7.9					13 34 01.0 +0.1
EBER	9.9nm,0.4s,SNR=7.9					13 33 37.8 +0.1
EBER	Berja	1.91	46	P	Pn	13 33 37.8 +0.1
EBER	4.9nm,0.2s,SNR=34					13 34 00.8 -0.8
EBER	13nm,0.2s					13 33 37.8 +0.1
EBER	Berja	1.91	46	P	Pn	13 33 37.8 +0.1
EBER	4.9nm,0.2s,SNR=34					13 34 00.8 -0.8
EBER	13nm,0.2s					13 33 42.0 -0.1
MIF	Mishlifen	2.23	193	P	Pn	13 34 08.0 -1.5
MIF	Mishlifen	2.23	193	P	Pn	13 33 42.0 -0.1
MIF	Mishlifen	2.23	193	P	Pn	13 34 08.0 -1.5
MIF	Mishlifen	2.23	193	P	Pn	13 33 46.0 -0.3
GORA	Gorafe	2.28	33	P	Pb	13 34 13.6 -0.7
GORA	1.1nm,0.1s,SNR=7.9					13 33 46.0 -0.3
GORA	1.1nm,0.4s,SNR=7.9	2.28	33	P	Pb	13 33 46.0 -0.3
GORA	1.1nm,0.1s,SNR=7.9					13 34 13.6 -0.7
GORA	1.1nm,0.4s,SNR=7.9	2.28	33	P	Pb	13 33 46.0 -0.3
GORA	1.1nm,0.1s,SNR=7.9					13 34 13.6 -0.7
ENIJ	Nijar	2.39	54	P	Pn	13 33 45.3 +1.3
ENIJ	0.8nm,0.1s,SNR=7.9					13 33 45.3 -2.6
ENIJ	14nm,0.3s,SNR=7.9	2.39	54	P	Pn	13 33 45.3 +1.3
ENIJ	Nijar	2.39	54	P	Pn	13 33 48.2 +2.1
ENIJ	0.8nm,0.1s,SNR=7.9					13 34 18.6 +1.7
EQES	Quesada	2.54	29	P	Pn	13 33 48.2 +2.1
EQES	4.0nm,0.1s,SNR=64					13 33 48.2 +2.1
EQES	11nm,0.2s	2.54	29	P	Pn	13 33 48.2 +2.1
EQES	Quesada	2.54	29	P	Pn	13 34 18.6 +1.7
EQES	4.0nm,0.1s,SNR=64					13 33 47.9 +1.4
ECAB	Ei Cabril	2.57	346	P	Pn	13 33 47.9 +1.4
ECAB	1.1nm,0.1s,SNR=11					13 34 17.0 -0.5
ECAB	Ei Cabril	2.57	346	P	Pn	13 33 47.9 +1.4
ECAB	1.1nm,0.1s,SNR=11					13 34 17.0 -0.5
ECAB	4.3nm,0.1s,SNR=6.9					13 33 47.0 +0.2
CZD	Col de Zad	2.57	188	P	Pn	13 33 47.0 +0.2
CZD	Col de Zad	2.57	188	P	Pn	13 34 18.0 0.0
CZD	Col de Zad	2.57	188	P	Pn	13 33 48.4 +1.8
EADA	Adamuz	2.58	1	P	Pn	13 34 20.3 +2.5
EADA	2.8nm,0.1s,SNR=41					13 33 48.4 +1.8
EADA	3.8nm,0.1s,SNR=5.2	2.58	1	P	Pn	13 34 20.3 +2.5
EADA	Adamuz	2.58	1	P	Pn	13 34 20.3 +2.5
EADA	2.8nm,0.1s,SNR=41					13 33 49.8 +1.0
EMIN	2.8nm,0.1s,SNR=50	2.73	323	P	Pn	13 33 49.8 +1.0
EMIN	Mina Concepcio	2.73	323	P	Pn	13 34 20.2 -1.3
EMIN	2.1nm,0.1s	2.73	323	P	Pn	13 33 49.8 +1.0
EMIN	Mina Concepcio	2.73	323	P	Pn	13 34 20.2 -1.3
EMIN	2.8nm,0.2s,SNR=30					13 33 51.3 +2.2
EHUE	Huescar	2.75	36	P	Pn	13 34 25.1 +2.8
EHUE	2.4nm,0.2s,SNR=7.9					13 33 51.3 +2.2
EHUE	5.2nm,0.2s,SNR=7.9	2.75	36	P	Pn	13 33 51.3 +2.2
EHUE	Huescar	2.75	36	P	Pn	13 34 25.1 +2.8
EHUE	2.4nm,0.2s,SNR=7.9					13 33 57.1 +1.1
EGRO	Ei Granado	3.02	311	P	Pn	13 33 57.1 +1.1
EGRO	5.2nm,0.2s,SNR=30					13 33 28.6 0.0
EGRO	3.1nm,0.2s,SNR=30	3.02	311	P	Pn	13 33 57.1 +1.1
EGRO	Ei Granado	3.02	311	P	Pn	13 33 28.6 0.0
EGRO	3.1nm,0.2s,SNR=30					13 33 54.8 +1.9
SESP	Santiago Espad	3.02	33	P	Pn	13 33 54.8 +1.9
SESP	0.5nm,0.2s,SNR=7.9					13 34 30.0 +1.0
SESP	4.8nm,0.1s,SNR=7.9	3.02	33	P	Pn	13 33 54.8 +1.9
SESP	Santiago Espad	3.02	33	P	Pn	13 34 30.0 +1.0
SESP	0.5nm,0.2s,SNR=7.9					13 33 54.7 +1.1
PVAQ	Vaqueiros	3.09	307	ePn	Pn	13 33 54.7 +1.1
PVAQ	4.8nm,0.1s,SNR=7.9					13 34 30.0 -0.3
PVAQ	Vaqueiros	3.09	307	ePn	Pn	13 34 31.4
PVAQ	19nm,0.3s	3.09	307	P	Pn	13 33 54.7 +1.1
PVAQ	Vaqueiros	3.09	307	P	Pn	13 34 30.0 -0.3
PVAQ	19nm,0.3s	3.09	307	P	Pn	13 33 54.7 +1.1
PVAQ	Vaqueiros	3.09	307	P	Pn	13 34 30.0 -0.3
PBDV	Barranco-do-Ve	3.14	303	ePn	Pn	13 33 55.7 +1.3
PBDV	11nm,0.2s					13 34 31.6 -0.1
PBDV	Barranco-do-Ve	3.14	303	P	Pn	13 33 55.7 +1.3
PBDV	11nm,0.2s					13 34 31.6 -0.1
PBDV	Barranco-do-Ve	3.14	303	P	Pn	13 33 55.7 +1.3
PBDV	11nm,0.2s					13 33 56.6 +1.0
PBAR	Barrancos	3.23	324	ePn	Pn	13 33 56.6 +1.0
PBAR	9.3nm,0.2s					13 34 33.6 -0.3
PBAR	Barrancos	3.23	324	P	Pn	13 33 56.6 +1.0
PBAR	9.3nm,0.2s					13 34 33.6 -0.3
PBAR	Barrancos	3.23	324	P	Pn	13 33 56.6 +1.0
PBAR	9.3nm,0.2s					13 34 33.6 -0.3
PCVE	Castro Verde	3.43	308	ePn	Pn	13 33 59.5 +1.2
PCVE	6.4nm,0.4s					13 34 38.6 -0.1
PCVE	Castro Verde	3.43	308	P	Pn	13 33 59.5 +1.2
PCVE	6.4nm,0.4s					13 34 38.6 -0.1
PCVE	Castro Verde	3.43	308	P	Pn	13 33 59.5 +1.2
PCVE	6.4nm,0.4s					13 34 00.3 +1.1
EVIA	Vianos	3.48	28	P	Pn	13 34 00.3 +1.1
EVIA	0.7nm,0.2s,SNR=7.9					13 34 38.5 -1.8
EVIA	1.5nm,0.1s,SNR=7.9	3.48	28	P	Pn	13 34 00.3 +1.1
EVIA	Vianos	3.48	28	P	Pn	13 34 00.3 +1.1
EVIA	0.7nm,0.2s,SNR=7.9					13 34 00.8 +1.1
EMUR	La Murta	3.52	49	P	Pn	13 34 00.8 +1.1
EMUR	0.7nm,0.2s,SNR=7.9					13 34 00.8 +1.1
EMUR	2.4nm,0.3s,SNR=7.9	3.52	49	P	Pn	13 34 00.8 +1.1
EMUR	La Murta	3.52	49	P	Pn	13 34 00.8 +1.1
EMUR	0.7nm,0.2s,SNR=7.9					13 34 01.3 +1.1
PBEJ	Beja	3.57	314	ePn	Pn	13 34 01.3 +1.1
PBEJ	4.9nm,0.2s					13 34 42.3 +0.1
PBEJ	Beja	3.57	314	P	Pn	13 34 01.3 +1.1
PBEJ	4.9nm,0.2s					13 34 01.3 +1.1
PBEJ	Beja	3.57	314	P	Pn	13 34 01.3 +1.1
PBEJ	4.9nm,0.2s					13 34 01.3 +1.1

MESJ	Messejana	3.67	309	eP	Pn	13 34 02.7 +1.1
MESJ	Messejana	3.67	309	eS	Pn	13 34 44.0 -0.6
MESJ	Messejana	3.67	309	ePn	Pn	13 34 02.7 +1.1
MESJ	Messejana	3.67	309	eS	Pn	13 34 44.0 -0.2
MESJ	Messejana	3.67	309	ePn	Pn	13 34 02.7 +1.1
MESJ	Messejana	3.67	309	eS	Pn	13 34 44.0 -0.2
MORF	Marmelete	3.68	299	eS	Pn	13 34 44.4 -0.6
MORF	Marmelete	3.68	299	eS	Pn	13 34 45.0
MORF	Marmelete	3.68	299	ePn	Pn	13 34 03.1 +1.3
MORF	Marmelete	3.68	299	eS	Pn	13 34 44.8 -0.1
MORF	Marmelete	3.68	299	eS	Pn	13 34 49.1
MORF	Marmelete	3.68	299	eS	Pn	13 34 03.1 +1.3
MORF	Marmelete	3.68	299	eS	Pn	13 34 44.8 -0.1
MORF	Marmelete	3.68	299	eS	Pn	13 34 03.1 +1.3
MORF	Marmelete	3.68	299	eS	Pn	13 34 44.8 -0.1
EBAD	Badajoz	3.70	330	P	Pn	13 34 03.1 +1.1
EBAD	3.7nm,0.2s,SNR=18					13 34 45.4 +0.1
EBAD	Badajoz	3.70	330	P	Pn	13 34 03.1 +1.1
EBAD	3.7nm,0.2s,SNR=18					13 34 45.4 +0.1
EBAD	Badajoz	3.70	330	P	Pn	13 34 03.1 +1.1
EBAD	3.7nm,0.2s,SNR=18					13 34 45.4 +0.1
PVFI	Vila Bisbo	3.73	296	ePn	Pn	13 34 04.2 +1.7
PVFI	Vila Bisbo	3.73	296	eS	Pn	13 34 45.5 -0.7
PVFI	Vila Bisbo	3.73	296	ePn	Pn	13 34 04.2 +1.7
PVFI	Vila Bisbo	3.73	296	eS	Pn	13 34 45.5 -0.7
PVFI	Vila Bisbo	3.73	296	ePn	Pn	13 34 04.2 +1.7
PVFI	Vila Bisbo	3.73	296	eS	Pn	13 34 45.5 -0.7
PTEO	Sao Teotonio	3.84	302	ePn	Pn	13 34 05.4 +1.4
PTEO	Sao Teotonio	3.84	302	eS	Pn	13 34 48.2 -0.7
PTEO	Sao Teotonio	3.84	302	ePn	Pn	13 34 05.4 +1.4
PTEO	Sao Teotonio	3.84	302	eS	Pn	13 34 48.2 -0.7
PTEO	Sao Teotonio	3.84	302	ePn	Pn	13 34 05.4 +1.4
PTEO	Sao Teotonio	3.84	302	eS	Pn	13 34 48.2 -0.7
ETOB	Tobarra	3.92	38	P	Pn	13 34 07.4 +2.3
ETOB	1.5nm,0.3s,SNR=16					13 34 50.9 +0.1
ETOB	Tobarra	3.92	38	P	Pn	13 34 07.4 +2.3
ETOB	1.5nm,0.3s,SNR=16					13 34 50.9 +0.1
ETOB	Tobarra	3.92	38	P	Pn	13 34 07.4 +2.3
ETOB	1.5nm,0.3s,SNR=16					13 34 50.9 +0.1
PAB	San Pablo	3.96	3	P	Pn	13 34 07.6 +1.9
PAB	0.3nm,0.1s,SNR=7.9					13 34 51.6 -0.3
PAB	San Pablo	3.96	3	P	Pn	13 34 07.6 +1.9
PAB	0.3nm,0.1s,SNR=7.9					13 34 51.6 -0.3
PAB	San Pablo	3.96	3	P	Pn	13 34 07.6 +1.9
PAB	0.3nm,0.1s,SNR=7.9					13 34 51.6 -0.3
EVO	Evora	4.00	318	ePn	Pn	13 34 07.9 +1.7
EVO	Evora	4.00	318	eS	Pn	13 34 53.4 +0.5
EVO	Evora	4.00	318	ePn	Pn	13 34 07.9 +1.7
EVO	Evora	4.00	318	eS	Pn	13 34 53.4 +0.5
EVO	Evora	4.00	318	ePn	Pn	13 34 07.9 +1.7
EVO	Evora	4.00	318	eS	Pn	13 34 53.4 +0.5
EVO	Evora	4.00	318	ePn	Pn	13 34 07.9 +1.7
EVO	Evora	4.00	318	eS	Pn	13 34 53.4 +0.5
EVO	Evora	4.00	318	ePn	Pn	13 34 07.9 +1.7
EVO	Evora	4.00	318	eS	Pn	13 34 53.4 +0.5
PNCL	Nicolau / Gran	4.03	310	ePn	Pn	13 34 07.6 +1.1
PNCL	Nicolau / Gran	4.03	310	eS	Pn	13 34 52.7 -0.7
PNCL	Nicolau / Gran	4.03	310	ePn	Pn	13 34 07.6 +1.1
PNCL	Nicolau / Gran	4.03	310	eS	Pn	13 34 52.7 -0.7
PNCL	Nicolau / Gran	4.03	310	ePn	Pn	13 34 07.6 +1.1
PNCL	Nicolau / Gran	4.03	310	eS	Pn	13 34 52.7 -0.7
PESTR	Estremoz	4.04	325	ePn	Pn	13 34 08.6 +1.8
PESTR	Estremoz	4.04	325	eS	Pn	13 34 50.4 +0.1
PESTR	Estremoz	4.04	325	ePn	Pn	13 34 08.6 +1.8
PESTR	Estremoz	4.04	325	eS	Pn	13 34 50.4 +0.1
PESTR	Estremoz	4.04	325	ePn	Pn	13 34 08.6 +1.8
PESTR	Estremoz	4.04	325	eS	Pn	13 34 50.4 +0.1
EVOP	Sao Brissos	4.06	317	ePn	Pn	13 34 07.9 +0.9
EVOP	Sao Brissos	4.06	317	eS	Pn	13 34 53

28d 14h

Table with columns: Call sign, Frequency, Mode, Power, and other technical details for various stations.

2010 AUG

Main table with columns: Call sign, Station Name, Frequency, Mode, Power, and other technical details for various stations.

1452

Table with columns: Call sign, Station Name, Frequency, Mode, Power, and other technical details for various stations.

2010 AUG

145Z HAUITI 1.28 241 Pn Pn 15 21 11.4 +0.2 BHW AML AML 15 22 20.0 ZALV Zalesovo Beam 47.22 330 P P 15 47 36.2 +0.9

Table with columns: Call sign, Name, Frequency, Mode, Band, and other parameters. Includes stations like BKZ Black Stump Fm, KRUV Karewarewa, etc.

Table with columns: Call sign, Name, Frequency, Mode, Band, and other parameters. Includes stations like BHW Baring Head, PLWZ Palliser, TUWZ Tuamarina, etc.

Table with columns: Call sign, Name, Frequency, Mode, Band, and other parameters. Includes stations like STKA Stephens Creek, BRVK Borovoye, etc.

Table with columns: Call sign, Name, Frequency, Mode, Band, and other parameters. Includes stations like WHW Whangahau Hut, DRZ Dome Shelter, etc.

Table with columns: Call sign, Name, Frequency, Mode, Band, and other parameters. Includes stations like DSZ Denniston Nort, LTZ Lake Taylor, etc.

Table with columns: Call sign, Name, Frequency, Mode, Band, and other parameters. Includes stations like BRTR Keskin Array B, AKAS Malin Array B, etc.

Table with columns: Call sign, Name, Frequency, Mode, Band, and other parameters. Includes stations like WHW Whangahau Hut, DRZ Dome Shelter, etc.

Table with columns: Call sign, Name, Frequency, Mode, Band, and other parameters. Includes stations like DSZ Denniston Nort, LTZ Lake Taylor, etc.

Table with columns: Call sign, Name, Frequency, Mode, Band, and other parameters. Includes stations like BRTR Keskin Array B, AKAS Malin Array B, etc.

Table with columns: Call sign, Name, Frequency, Mode, Band, and other parameters. Includes stations like WHW Whangahau Hut, DRZ Dome Shelter, etc.

Table with columns: Call sign, Name, Frequency, Mode, Band, and other parameters. Includes stations like DSZ Denniston Nort, LTZ Lake Taylor, etc.

Table with columns: Call sign, Name, Frequency, Mode, Band, and other parameters. Includes stations like BRTR Keskin Array B, AKAS Malin Array B, etc.

Table with columns: Call sign, Name, Frequency, Mode, Band, and other parameters. Includes stations like WHW Whangahau Hut, DRZ Dome Shelter, etc.

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Table with columns: Call sign, Name, Frequency, Mode, Band, and other parameters. Includes stations like BRTR Keskin Array B, AKAS Malin Array B, etc.

Table with columns: Call sign, Name, Frequency, Mode, Band, and other parameters. Includes stations like WHW Whangahau Hut, DRZ Dome Shelter, etc.

Table with columns: Call sign, Name, Frequency, Mode, Band, and other parameters. Includes stations like DSZ Denniston Nort, LTZ Lake Taylor, etc.

Table with columns: Call sign, Name, Frequency, Mode, Band, and other parameters. Includes stations like BRTR Keskin Array B, AKAS Malin Array B, etc.

IDD 28 16:55:45.0, 2.0, 17.666N, 122:56E, h0km, mb3.9/17, mb1 4.1/17, mb1mx4.0/42, mbtmp4.0/17, MS3.5/2, Ms1 3.5/2, ms1mx2.7/37, Error ellipse: s-maj=31.2km s-min=14.6km az=72.0

IS/CJB 28 16:55:48.9, 0.4, 16.936N, 0:04:122.78E, h0km, h40km, mb4.0/19, MS3.4/1, Error ellipse: s-maj=7.8km s-min=5.3km az=9.4

NEIC 28 16:55:50.5, 0.4, 16.90N, 122:57E, h35km, mb4.3/3, Error ellipse: s-maj=12.2km s-min=6.4km az=85.0

NEIC Felt (PWS) at Palanan.

ISC 28 16:55:50.7, 0.6, 16.936N, 0:05:122.74E, h0km, n42, s-maj=35, mb3.9/20, 2C-3D, Luzon

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
PALP	Palanan	0.36	304	iS	16:55:57.2	0.0
PCPH	Palayan	2.04	2311	eP	16:56:22.0	-0.5
BCPH	Baguio City Da	2.12	257	iS	16:56:11.0	+1.9
SZP	Santa	2.28	288	Pn	16:56:22.2	-3.7
SIPP	Brgy, Tapao	2.42	296	iP	16:56:29.0	+1.3
GIP	Pasuquin	2.49	306	iP	16:56:29.0	+0.3
POP	Guanayzan	2.85	185	eS	16:57:10.4	+1.0
LQP	Lukban	3.25	213	Pn	16:57:27.2	-4.8
TGY	Tagaytay City	3.25	213	Pn	16:56:40.0	+0.8
PVCP	Virac	3.52	157	iP	16:56:44.3	+1.3
PVCP	Ta-pu	6.70	343	eP	16:57:06.5	-1.7
TPUB	14nm, 0.8s	7.09	347	Pn	16:57:25.2	-1.4
SSLB	Suanglung	10.9	347	ePn	16:57:30.1	-1.9
DAV	Davao City (W)	10.12	164	LR	17:02:45.7	
KSM	Kuching	19.58	220	eP	17:00:14.7	-0.8
KSAR	Wonju Array Be	21.00	11	P	17:00:31.7	+0.8
KSRS	Korea Array	21.02	12	P	17:00:31.7	+0.8
SOMM	Songino Array	33.68	340	P	17:02:27.7	-0.3
FITZ	Fitzroy Crossi	34.86	175	P	17:02:39.0	+0.8
WRAB	Tennant Creek	38.30	162	eP	17:03:08.0	+0.8
WRA	Warramunga Arr	38.31	162	P	17:03:07.0	-0.6
ASAR	Alice Springs	41.73	165	P	17:03:37.0	+0.9
H1S3	WAKE ISLAND HY 41.83	81	81	T	17:48:27.0	
H1S1	WAKE ISLAND HY 41.84	81	81	T	17:48:27.8	
H1S2	WAKE ISLAND HY 41.85	81	81	T	17:48:25.5	
H1N1	WAKE ISLAND HY 41.94	79	79	T	17:48:33.6	
H1N2	WAKE ISLAND HY 41.94	79	79	T	17:48:33.7	
H1N3	WAKE ISLAND HY 41.95	79	79	T	17:48:34.1	
MKAR	Makanchi Array	47.75	321	P	17:04:00.2	-0.1
MKAR	0.8nm, 0.8s, baz=105, slow=11, SNR=7.3				17:05:42.2	+0.2
PETK	Petropavlovsk-45	53.29	29	P	17:04:05.0	+0.3
ZALV	Zalesovo Beam	47.23	320	P	17:04:17.8	-1.8
BVAR	Borovoy Array	54.33	324	P	17:05:12.9	-0.2
ABKAR	Abkabal array	59.69	318	eP	17:05:50.7	+0.2
GEYT	59.93	304	P	17:05:53.6	+0.6	
KBZ	Khabaz	71.27	311	P	17:07:06.4	+0.4
ILAR	Eielson Array	75.06	26	P	17:07:33.4	+5.3
FINES	FINES Array B	78.49	313	P	17:07:47.2	-0.2
BRTR	Keskin Array B	78.75	308	P	17:07:48.4	-1.1
BRTR	0.8nm, 1.0s, baz=38, slow=6.3, SNR=4.0				17:46:40.1	
AKASG	Malin Array Be	79.33	320	P	17:07:51.4	-0.9
NB2	NORSAR Subarray 2	80.33	333	P	17:08:23.6	-0.1
NOA	NORSAR Array B	85.36	333	P	17:08:23.5	-0.1
YKA	Yellowknife Arr	89.12	23	P	17:08:43.4	+1.7
GERES	GRESS Array B	89.42	321	P	17:08:43.8	+0.3

IDD 28 17:08:40.4, 3.1, 6.47S, 154:03E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.4/34, mbtmp3.6/4, Error ellipse: s-maj=105.2km s-min=34.3km az=119.0, Bougainville - Solomon Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
PMG	Port Moresby	7.14	246	Pn	17:10:35.6	+5.8
WRA	Warramunga Arr	23.24	233	P	17:13:50.5	-0.1
ASAR	Alice Springs	25.82	226	P	17:14:13.9	+0.3
FITZ	Fitzroy Crossi	30.00	245	P	17:17:50.6	-0.4
MKAR	Makanchi Array	47.75	321	P	17:21:04.7	+0.6
TORD	Tordi Arr, Be	151.96	26	PKPbc	17:28:38.3	-0.3

IDD 28 17:13:24.4, 2.2, 1.92N, 127:66E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.3/32, mbtmp3.5/3, Error ellipse: s-maj=146.5km s-min=26.9km az=67.0, Halmahera

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
WRA	Warramunga Arr	22.70	164	P	17:18:28.3	+0.4
ASAR	Alice Springs	26.15	167	P	17:19:00.1	-0.5
MKAR	Makanchi Array	59.55	325	P	17:23:30.1	+0.2

IS/CJB 28 17:17:0.7, 1.5, 1.2, 60:54N, 151:160W, h100km, mb3.6/6, mb1 3.6/9, mb1mx3.3/56, mbtmp3.9/9, Error ellipse: s-maj=45.2km s-min=21.1km az=11.0

NEIC 28 17:19:19.3, 60:64N, 152:10W, h2km, MG3.7(AEIC), After AEIC.

NEIC Felt at Cooper Landing and Kenai.

ISC 28 17:17:18.0, 60:64N, 0:03:152:12W, 0:03, h94km, 5km, n114, 0:076/129, mb4.0/6, Southern Alaska

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
RDR	Redoubt	0.15	246	Op	17:30:38.0	-0.4
DFR	Drift River	0.28	261	Pn	17:30:31.3	-0.4
REF	Redoubt East F	0.32	243	P	17:30:31.7	-0.3
REF	Redoubt East	0.30	245	S	17:30:41.7	-0.9
RDN	Redoubt North	0.34	249	P	17:30:31.7	-0.3
RSD	Redoubt South	0.36	241	P	17:30:31.7	-0.1
RLWB	Redoubt West	0.39	247	P	17:30:31.9	-0.5
RWB	Redoubt	0.39	247	S	17:30:42.5	-0.7
NCT	North Crescent	0.41	260	P	17:30:32.1	-0.3
NKA	Nikishka	0.45	76	P	17:30:34.2	+1.7
CKL	Chakachamna La	0.57	349	P	17:30:33.5	-0.1
CKN	Chakachamna No	0.59	357	P	17:30:34.3	+0.1
CRP	Crater Peak	0.63	359	S	17:30:46.0	-0.4
CRP	Crater Peak	0.63	359	S	17:30:46.0	-0.4
SPBG	Spurr Blockage	0.64	349	P	17:30:47.1	0.0
SPBG	Spurr Blockage	0.64	349	P	17:30:45.7	-0.6
BGL	Barrier Glacie	0.64	348	P	17:30:34.2	0.0

SPNW	Spurr Northwes	0.75	342	P	Pn	17:30:35.3	+0.1
ILW	Ilamma West	0.77	221	P	Pn	17:30:35.4	-0.1
ILW	Ilamma West	0.77	221	P	Pn	17:30:48.4	-0.3
STLK	Strandline Lak	0.88	9	P	Pn	17:30:36.5	+0.1
VOGL	Vogel Lake	0.96	66	P	Pn	17:30:38.3	+1.7
SLKM	Skliak Lake	0.95	87 <td>P</td> <td>Pn</td> <td>17:30:42.0</td> <td>+0.2</td>	P	Pn	17:30:42.0	+0.2
HOM	Homer	1.01	166	P	Pn	17:30:38.5	+0.7
HOM	Homer	1.01	166	P	Pn	17:30:54.6	+1.7
SUA	Susitna One	1.07	38	P	Pn	17:30:39.0	+0.4
SUA	Susitna One	1.07	38	P	Pn	17:30:55.1	+0.9
BRKL	Bradley Lake	1.07	144	P	Pn	17:30:38.7	+0.2
BRKL	Bradley Lake	1.07	144	P	Pn	17:30:47.2	+1.6
FIB	Fire Island	1.09	60	P	Pn	17:30:42.1	+1.6
OPT	Oil Point	1.13	210	P	Pn	17:30:40.0	+0.8
CNPM	China Poot	1.20	158	P	Pn	17:30:40.3	+0.3
CNPM	China Poot	1.20	158	P	Pn	17:30:56.9	+0.1
RC01	Rabbit Creek A	1.25	68	P	Pn	17:31:04.4	+0.5
PDB	Pedro Bay	1.34	231 <td>P</td> <td>Pn</td> <td>17:30:41.6</td> <td>0.0</td>	P	Pn	17:30:41.6	0.0
SKT	Skwentna	1.38	112	P	Pn	17:30:42.2	0.0
SKT	Skwentna	1.38	112	P	Pn	17:30:60.0	-0.6
AUG	Augustine Lava	1.42	208	P	Pn	17:30:43.6	+0.9
SEWARD	Seward	1.47	18	P	Pn	17:30:42.4	-0.4
AUG	Augustine West	1.44	209	P	Pn	17:30:43.8	-0.9
AUI	Augustine Isla	1.46	207	P	Pn	17:30:43.9	+0.7
PMR	Palmer	1.74	55	P	Pn	17:30:46.6	0.0
PMR	Palmer	1.74	55	P	Pn	17:31:08.0	-0.6
SVWZ	Svarrevohn	1.75	287	P	Pn	17:30:46.5	-0.4
MCNI	McNeil River	1.83	218	P	Pn	17:30:48.4	+0.5
PWL	Port Wells	1.87	82	P	Pn	17:30:48.0	-0.4
TRAP	Trapper Creek	1.93	27	P	Pn	17:30:48.9	+0.7
SML	Sawmill	2.18	56	P	Pn	17:30:52.4	0.0
KAPH	Katmai Pasha	2.34	210	P	Pn	17:30:55.4	+0.8
KAHG	Katmai Hook Gl	2.48	216	P	Pn	17:30:57.1	+0.7
GLI	Glacier Island	2.48	82	P	Pn	17:30:57.4	-1.6
SCM	Sheep Creek Mo	2.61	61	P	Pn	17:30:58.1	0.0
JKP	Jack Peak	2.74	79	P	Pn	17:30:59.0	-0.8
FID	Port Fidalgo	2.78	85	P	Pn	17:30:58.5	-1.9
CKNF	Castle Knife C	2.79	214	P	Pn	17:31:02.4	+0.7
CAST	Castle Rocks	2.79	0	P	Pn	17:31:02.4	+0.6
KELA	Mount Kelz	2.87	221	P	Pn	17:31:02.3	+0.6
KDAAK	Kodiak Island	2.87	185	P	Pn	17:31:01.1	-0.5
KDAAK	Kodiak Island	2.87	185	P	Pn	17:31:34.2	-1.1
VLZ	Valdez	2.87	78	Pn	Pn	17:31:00.9	-0.6
KABR	Katmai Barrier	2.91	211	P	Pn	17:31:03.0	+0.9
TT01	Tatalina	2.94	323	P	Pn	17:31:02.8	+0.4
TT02	Tatalina	2.94	323	P	Pn	17:31:02.8	+0.4
TRF	Thorfare Moun	2.95	16	P	Pn	17:31:03.4	+0.6
KTH	Kantishna Hill	2.98	10 <td>ePn</td> <td>Pn</td> <td>17:31:04.0</td> <td>+0.9</td>	ePn	Pn	17:31:04.0	+0.9
KTH	Kantishna Hill	2.98	10 <td>ePn</td> <td>Pn</td> <td>17:31:39.0</td> <td>+1.0</td>	ePn	Pn	17:31:39.0	+1.0
CNCT	Contact Creek	3.06	221	P	Pn	17:31:04.9	+0.8
KLU	Klutina	3.13	71	P	Pn	17:31:04.7	-0.5
DMID	Divide	3.14	78	P	Pn	17:31:04.4	-0.9
MID	Midleton Isla	3.15	110	P	Pn	17:31:04.4	-0.8
RND	Reindeer	3.18	28	P	Pn	17:31:06.5	+0.7
CHUM	Lake Minchumin	3.26	358	P	Pn	17:31:07.4	+0.7
DHY	Denali Highway	3.32 <th>41 <td>P</td> <td>Pn</td> <td>17:31:08.2</td> <td>+0.4</td> </th>	41 <td>P</td> <td>Pn</td> <td>17:31:08.2</td> <td>+0.4</td>	P	Pn	17:31:08.2	+0.4
MCK	McKinley	3.45	24 <td>P</td> <td>Pn</td> <td>17:31:10.3</td> <td>+1.0</td>	P	Pn	17:31:10.3	+1.0
OHAK	Old Hoono	3.48	10 <td>P</td> <td>Pn</td> <td>17:31:10.3</td> <td>+1.0</td>	P	Pn	17:31:10.3	+1.0
BPBW	Bear Paw Mtn.	3.52	8 <td>P</td> <td>Pn</td> <td>17:31:10.2</td> <td>0.0</td>	P	Pn	17:31:10.2	0.0
PLK2	Peulik 2	3.60	219	P	Pn	17:31:12.9	+1.5
RAGM	Ragged Mountai	3.69	91 <td>P</td> <td>Pn</td> <td>17:31:10.8</td> <td>-1.8</td>	P	Pn	17:31:10.8	-1.8
BMRM	Bremner River	3.70	82 <td>P</td> <td>Pn</td> <td>17:31:11.4</td> <td>-1.3</td>	P	Pn	17:31:11.4	-1.3
EWIN	Evans	3.75	19 <td>P</td> <td>Pn</td> <td>17:31:12.9</td> <td>+0.4</td>	P	Pn	17:31:12.9	+0.4
HARP	HAARP	3.78	59	P	Pn	17:31:14.5	+0.8
PAX	Paxson	3.93	51 <td>P</td> <td>Pn</td> <td>17:31:16.9</td>	P	Pn	17:31:16.9	

738A	baz=15,SNR=14	14.56	44	P	Pn	18 49 52.6 +1.2
536A	Farr-Stevens R baz=14	14.56	37	P	Pn	18 49 53.3 +1.9
333A	Bastrop baz=15,SNR=16	14.57	29	P	Pn	18 49 53.2 +1.6
129A	Richland Sprin baz=15,SNR=50	14.67	18	P	Pn	18 49 54.6 +1.7
232A	Stewart Farms, baz=15,SNR=31	14.77	26	P	Pn	18 49 55.9 +1.6
435B	Coleman baz=15,SNR=74	14.82	34	P	Pn	18 49 56.2 +1.3
130A	Jarrell baz=15,SNR=9.8	14.91	21	P	Pn	18 49 57.9 +1.7
334A	Snyder baz=15,SNR=9.2	14.93	31	P	Pn	18 49 57.8 +1.4
537A	Lometa baz=15,SNR=80	15.00	39	P	Pn	18 49 58.7 +1.4
228A	Green Hill Far baz=15,SNR=38	15.15	15	P	Pn	18 50 01.0 +1.6
131A	Tucker Farm, M baz=15,SNR=22	15.18	22	P	Pn	18 50 01.1 +1.3
233A	Roby baz=15,SNR=17	15.20	28	P	Pn	18 50 00.9 +0.9
HKT	Rising Star baz=15	15.20	40	ePn	Pn	18 49 59.5 -0.4
436A	Hockley 2jum,2.4s	15.24	36	P	Pn	18 50 01.2 +0.7
335A	Wall Ranch, Ga baz=15,SNR=9.2	15.24	36	P	Pn	18 50 01.2 +0.7
335A	Moody baz=15,SNR=28	15.30	33	P	Pn	18 50 01.9 +0.7
229A	Hungry Hill Ra baz=15,SNR=42	15.30	17	P	Pn	18 50 02.6 +1.3
Y22D	IRIS PASSCAL I baz=15	15.33	1	P	Pn	18 50 03.9 +2.1
ABTX	Ablene, Hawle baz=15	15.42	24	P	Pn	18 50 04.1 +1.2
ABTX	Ablene, Hawle 154nm,1.4s	15.42	24	ePn	Pn	18 50 03.4 +0.5
Z30A	Sanderson Ranc baz=16,SNR=43	15.50	19	P	Pn	18 50 05.1 +1.2
234A	Clairette baz=16,SNR=12	15.53	30	P	Pn	18 50 05.0 +0.7
538A	Harpers Horsep baz=16	15.60	40	P	Pn	18 50 06.1 +0.9
437A	Phantom Ranch, baz=16,SNR=17	15.65	37	P	Pn	18 50 06.7 +0.8
336A	Riesel baz=16,SNR=35	15.69	34	P	Pn	18 50 07.2 +0.9
133A	Riesel baz=16,SNR=35	15.70	26	P	Pn	18 50 07.5 +1.0
336A	Hamilton Ranch baz=16,SNR=42	15.71	13	P	Pn	18 50 08.0 +1.4
MSTX	Muleshoe baz=16	15.71	13	ePn	P	18 50 09.2 -1.3
MSTX	Muleshoe 145nm,1.1s	15.71	13	ePn	P	18 50 09.2 -1.3
Y28A	McKinney Farm, baz=16	15.77	15	P	Pn	18 50 08.7 +1.2
WHTX	Lake Whitney baz=16	15.85	31	P	Pn	18 50 09.2 +0.7
WHTX	Lake Whitney 129nm,1.1s	15.85	31	eP	Pn	18 50 08.9 +0.5
Z31A	Sharp Cattle R baz=16,SNR=15	15.85	22	P	Pn	18 50 09.3 +0.8
Y29A	Porterfield Fa baz=16,SNR=14	15.88	17	P	Pn	18 50 10.2 +1.4
GLA	Glamis baz=16,SNR=17	15.89	336	P	Pn	18 50 10.5 +1.5
GLA	Glamis 251nm,1.6s	15.89	336	ePn	Pn	18 50 10.3 +1.3
438A	Sam Houston St baz=16,SNR=20	15.99	39	P	Pn	18 50 11.0 +0.9
539A	Cross D Ranch, baz=16	16.00	42	P	Pn	18 50 11.0 +0.6
134A	White-Moore Ra baz=16,SNR=36	16.04	29	P	Pn	18 50 11.5 +0.7
Z32A	Haskell baz=16,SNR=26	16.09	24	P	Pn	18 50 12.3 +0.8
IBP	Imperial Blvd baz=16	16.09	332	P	Pn	18 50 12.5 +1.0
Y30A	Stafford Catti baz=16,SNR=7.4	16.11	19	P	Pn	18 50 13.0 +1.1
337A	Centerville baz=16,SNR=32	16.16	37	P	Pn	18 50 13.4 +1.1
ANMO	Albuquerque 0.1nm,0.3s,baz=183,slow=14,SNR=15	16.21	2	Pn	S	18 50 12.7 -0.5
ANMO	Albuquerque 0.1nm,0.3s,baz=177,slow=19,SNR=2.1	16.21	2	Pn	S	18 53 25.0 +0.5
ANMO	Albuquerque comp=Z,3jum,20.0s,baz=190,slow=36	16.23	34	P	LR	18 56 09.1
236A	Katherine and baz=16,SNR=18	16.33	34	P	Pn	18 50 15.2 +0.7
135A	Vickery Place, baz=16,SNR=7.6	16.34	30	P	Pn	18 50 15.5 +0.9
Z33A	Whitaker Ranch baz=16,SNR=15	16.35	26	P	Pn	18 50 15.6 +0.8
X28A	Dimmitt baz=16	16.37	15	P	Pn	18 50 16.3 +1.2
BAR	Barrett 367nm,2.2s	16.37	330	ePn	P	18 50 17.4 -0.2
Y31A	Rekieta Farm, baz=16,SNR=34	16.40	21	P	P	18 50 17.4 -0.6
Y12C	Blythe baz=16,SNR=11	16.40	338	P	Pn	18 50 17.2 -0.8
X29A	Tulia baz=16,SNR=11	16.42	16	P	Pn	18 50 17.1 +1.4
MONP	Monument Peak baz=16,SNR=14	16.43	331	P	P	18 50 17.6 -0.9
439A	Center Grove, baz=16	16.45	41	P	Pn	18 50 16.6 +0.6
338A	Crockett baz=16,SNR=7.3	16.52	38	P	Pn	18 50 17.4 +0.4
W18A	Petrified Fore baz=17	16.53	352	P	P	18 50 18.7 -0.9
540A	Vidor baz=16	16.55	44	P	Pn	18 50 18.3 +0.9
X30A	Coker Ranch, T baz=17,SNR=38	16.65	18	P	P	18 50 20.0 -0.8
BC3	Big Chuckawall baz=17,SNR=14	16.67	335	P	P	18 50 20.7 -0.4
136A	Ennis baz=17	16.71	33	P	Pn	18 50 20.1 +0.8
237A	Washetta, Mont baz=17,SNR=18	16.72	35	P	Pn	18 50 20.2 +0.7
Y32A	R-V Farms, Ver baz=17,SNR=9.5	16.72	23	P	Pn	18 50 20.2 +0.7
109C	Camp Elliot, M baz=17	16.75	330	P	Pn	18 50 20.6 +0.8
PDMCI	Parker Dam,Lak baz=17,SNR=5.2	16.77	339	P	Pn	18 50 21.6 -0.4
Z34A	Collier Ranch, baz=17	16.78	28	P	Pn	18 50 21.4 +1.2
AMTX	Amarillo baz=17	16.84	16	P	P	18 50 22.5 -0.4
AMTX	Amarillo 124nm,0.8s	16.84	16	ePn	P	18 50 23.9 +0.9
440A	Kirbyville baz=17,SNR=13	16.92	42	P	Pn	18 50 22.5 +0.5
339A	Huntington baz=17,SNR=7.6	16.95	40	P	Pn	18 50 23.0 +0.6
IRM	Iron Mountain baz=17,SNR=8.1	17.00	337	P	P	18 50 24.5 -0.1
Y33A	Hilltop Ranch, baz=17	17.04	25	P	Pn	18 50 24.2 +0.8
Z35A	Perchaven, San baz=17,SNR=9.7	17.05	29	P	Pn	18 50 24.2 +0.6
PFO	Pinyon Flat Ob 0.2nm,0.3s,baz=150,slow=14,SNR=38	17.05	332	Pn	S	18 50 26.1 +0.7
PFO	Pinyon Flat Ob 0.2nm,0.3s,baz=68,slow=5.4,SNR=2.5	17.05	332	Pn	S	18 53 50.0 +8.3
PFO	Pinyon Flat Ob 188nm,1.4s	17.05	332	ePn	LR	18 56 20.9
PFO	Pinyon Flat Ob comp=Z,2jum,19.7s,baz=172,slow=35	17.05	332	P	P	18 50 25.6 +0.3
PFO	Pinyon Flat Ob 466nm,1.3s,SNR=25	17.05	332	P	P	18 50 25.8 +0.5
PFO	Pinyon Flat Ob 188nm,1.4s	17.05	332	ePn	P	18 50 25.3 0.0
PFO	Pinyon Flat Ob 188nm,1.4s	17.05	332	ePn	S	18 53 50.0 +8.3
W28A	Vega baz=17	17.07	14	P	P	18 50 25.0 -0.5
W29A	Amrillo baz=17	17.07	15	P	P	18 50 25.2 -0.4
X31A	McDonald Ranch baz=17,SNR=29	17.10	20	P	P	18 50 25.8 0.0
238A	Jacksonville baz=17,SNR=15	17.11	37	P	Pn	18 50 25.3 +1.0
X32A	Elmer baz=17,SNR=30	17.15	22	P	P	18 50 26.4 +0.1

WUAZ	Wupatki baz=17,SNR=11	17.19	348	P	P	18 50 27.3 +0.4
WUAZ	Wupatki 63nm,1.1s	17.19	348	ePn	P	18 50 27.6 +0.8
BELC	Belle Meade Jos baz=17,SNR=18	17.19	334	P	P	18 50 27.5 +0.6
NATX	Nacogdoches baz=17,SNR=29	17.20	38	P	P	18 50 26.4 -0.3
NATX	Nacogdoches 91nm,1.2s	17.20	38	ePn	P	18 50 26.5 -0.3
137A	Heron Place, G baz=17,SNR=17	17.21	34	P	Pn	18 50 26.6 +0.9
Y34A	Reagan Ranch, baz=17,SNR=22	17.35	27	P	Pn	18 50 27.8 +0.5
Z36A	Blue Ridge baz=17,SNR=7.8	17.39	31	P	Pn	18 50 28.4 +0.6
340A	Bronson baz=17,SNR=22	17.42	41	P	Pn	18 50 28.8 +0.6
239A	Gan baz=18,SNR=13	17.49	38	P	P	18 50 29.9 -0.2
X33A	Lawton baz=18	17.55	24	P	P	18 50 30.9 +0.1
138A	Matatal Enter baz=18,SNR=21	17.62	35	P	P	18 50 31.6 +0.2
WMOK	Wichita Mounta 84nm,1.2s	17.62	23	ePn	Pn	18 50 29.3 -1.4
WMOK	Wichita Mounta 84nm,1.2s	17.62	23	ePn	S	18 53 48.5 +2.3
W31A	Holland Ranch, baz=18,SNR=14	17.62	20	eSn	Pn	18 50 32.3 +0.8
Y35A	Marietta baz=18,SNR=8.8	17.63	29	P	P	18 50 32.0 +0.5
GMRC	Granite Mounta baz=18,SNR=19	17.74	336	P	P	18 50 34.2 +1.2
Z37A	Pogue Cattle C baz=18,SNR=12	17.74	33	P	Pn	18 50 32.8 +0.6
W32A	Sentinel baz=18,SNR=26	17.80	22	P	P	18 50 34.2 +0.8
BBRC	Big Bear Solar baz=18	17.81	333	P	P	18 50 34.8 +1.0
Y29A	Stinnett 0.3nm,0.3s,baz=142,slow=20,SNR=21	17.82	15	P	Pn	18 50 34.9 +1.1
TEIG	Tepitch 3.7nm,0.8s	17.83	82	ePn	Pn	18 50 31.4 -2.0
X34A	Smith Ranch, M baz=18,SNR=30	17.87	26	P	P	18 50 35.6 +1.3
Y36A	Spur Ranch, Mi baz=18	17.93	17	P	P	18 50 36.9 +1.9
V30A	Durant baz=18,SNR=11	17.97	30	P	P	18 50 35.8 +0.5
FMP	Fort Macarthur baz=18	18.00	328	P	P	18 50 36.6 +1.0
139A	Bunkhouse Ranc baz=18,SNR=6.8	18.02	37	P	P	18 50 36.1 +0.2
HEC	Hector,Ludlow baz=18	18.05	335	P	P	18 50 37.0 +0.7
U27A	Thompson Grove baz=18	18.07	11	P	P	18 50 37.5 +1.0
X35A	Drake baz=18,SNR=14	18.07	28	P	P	18 50 37.2 +0.7
W33A	Caddo, Fort Co baz=18,SNR=7.4	18.11	23	P	P	18 50 37.5 +0.6
BFSC	Mount Baldy Ra baz=18,SNR=9.4	18.12	331	P	P	18 50 38.0 +0.9
Z38A	Mt. Pleasant baz=18,SNR=16	18.12	34	P	P	18 50 37.7 +0.8
V31A	Spring Creek L baz=18,SNR=35	18.20	19	P	P	18 50 39.3 +1.4
PASC	Pasadena Art C 752nm,2.8s	18.31	330	eP	Pn	18 50 40.6 +1.4
Y37A	Hugo baz=18,SNR=38	18.36	32	P	Pn	18 50 40.5 +0.8
V32A	Arapaho baz=18,SNR=14	18.41	21	P	Pn	18 50 41.2 +0.8
TUQ	Turquoise Moun baz=18	18.42	337	P	Pn	18 50 41.3 +0.6
DECC	Green Verdugo baz=18	18.45	329	P	Pn	18 50 41.4 +0.6
W34A	Bridge Creek, baz=18,SNR=7.4	18.45	25	P	Pn	18 50 41.2 +0.4
W34A	Bridge Creek, 130nm,1.1s	18.45	25	eP	Pn	18 50 41.4 +0.6
X36A	Centrahoma baz=18,SNR=16	18.49	29	P	Pn	18 50 41.8 +0.4
MVCO	Mesa Verde baz=18,SNR=16	18.50	357	P	Pn	18 50 42.4 +0.7
MVCO	Mesa Verde 136nm,1.6s	18.50	357	eP	Pn	18 50 42.4 +0.7
T25A	Trinidad baz=19	18.54	7	P	Pn	18 50 42.4 +0.3
Z39A	Irene McRaven, baz=19,SNR=8.4	18.55	36	P	Pn	18 50 42.7 +0.6
GSC	Goldstone baz=19,SNR=5.5	18.65	334	P	Pn	18 50 44.2 +0.9
GSC	Goldstone baz=19,SNR=5.5	18.65	334	eP	Pn	18 50 44.5 +1.1
U30A	WK&E Inc. Balk baz=19	18.67	16	P	Pn	18 50 44.4 +0.8
T26A	Comanche Natio baz=19,SNR=5.3	18.68	9	P	Pn	18 50 45.0 +1.2
BLG	Laguna Peak baz=19	18.70	328	P	Pn	18 50 44.4 +0.5
T27A	Campo baz=19	18.71	11	P</		

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CMB	Columbia Colle	22.49	332	eP	P	18 51 24.5	0.0
PHVY	Pilot Hill	22.59	3	eP	P	18 51 26.2	+0.5
Q36A	Arnold C. Orve	22.59	24	P	P	18 51 26.5	+1.0
P34A	Walnut Farm, R	22.61	21	P	P	18 51 26.8	+1.1
BGU	Big Grassy Mou	22.74	348	eP	P	18 51 28.2	+1.0
O32A	Brockman Farm,	22.81	18	P	P	18 51 29.3	+1.5
M25A	Palm-Egeli Farm	22.82	6	P	P	18 51 28.6	+0.5
O33A	Hebron	22.85	19	P	P	18 51 28.8	+0.6
P35A	Duane Minner,	22.88	23	P	P	18 51 29.3	+0.7
GNAR	Gosnell	22.89	38	eP	P	18 51 29.6	+1.0
Q37A	Longview Farm,	22.93	26	P	P	18 51 30.3	+1.3
JTS	JuntasAbangare	23.00	108	P	P	18 51 31.2	+1.2
JTS	1.4nm,0.3s,baz=348,slo=20,SNR=1.6				Sn	18 55 51.3	-4.7
ELK	Elko	23.07	344	P	P	18 51 29.5	-1.2
ELK	0.4nm,1.0s,baz=155,slo=10,SNR=30				P	18 55 47.9	+8.0
ELK	0.4nm,0.6s,baz=176,slo=15,SNR=1.7				LR	18 59 46.0	
HWUT	Hardware Ranch	23.16	351	eP	P	18 51 32.4	+0.9
O34A	Beatrice	23.23	21	P	P	18 51 33.0	+0.9
PBMO	Poplar Bluff	23.24	36	eP	P	18 51 32.8	+0.6
HALT	Halls	23.25	39	eP	P	18 51 33.9	+1.6
P36A	Good Intent, A	23.27	24	P	P	18 51 33.6	+1.1
N32A	Stulken Farm,	23.27	17	P	P	18 51 33.6	+1.1
BMN	Battle Mountai	23.35	340	eP	P	18 51 34.5	+1.1
GLU	Valley	23.52	349	eP	P	18 51 35.9	+0.8
HVAT	Glass	23.53	38	eP	P	18 51 35.7	+0.7
PARMO	Parma	23.53	37	eP	P	18 51 36.7	+1.6
O35A	Humboldt	23.57	22	P	P	18 51 36.0	+0.6
O36A	Bolkow	23.80	24	P	P	18 51 38.5	+0.9
UTMT	University of	23.83	39	eP	P	18 51 38.4	+0.5
K22A	Casper	23.89	1	P	P	18 51 39.4	+0.8
K22A	Casper	23.89	1	P	P	18 51 39.0	+0.3
BGNE	Belgrade	23.91	17	P	P	18 51 37.5	-1.1
K25A	Mack Ranch, Ha	24.01	6	P	P	18 51 40.0	+0.3
K23A	Bowen Ranch, D	24.03	3	P	P	18 51 40.2	+0.3
K24A	Anderson Ranch	24.04	4	P	P	18 51 40.1	+0.1
BW06	Boulder Array	24.09	356	eP	P	18 51 40.2	-0.4
K26A	Motz Farm, Whi	24.17	7	P	P	18 51 41.8	+0.6
K27A	Fleckinger Fa	24.30	9	P	P	18 51 42.8	+0.5
WVT	Waverly	24.31	40	P	P	18 51 44.1	-0.2
K28A	Ten Mile Ranch	24.44	10	P	P	18 51 44.2	+0.6
J19A	Crowheart	24.56	357	P	P	18 51 45.2	+0.5
SIUC	Southern Illin	24.58	36	eP	P	18 51 45.0	+0.2
J21A	Lysite	24.59	359	P	P	18 51 45.5	+0.4
J20A	Shoshoni	24.61	358	P	P	18 51 45.5	+0.4
J22A	Midwest	24.66	1	P	P	18 51 46.4	+0.7
SLM	Saint Louis	24.71	33	eP	P	18 51 47.0	+1.0
TIGA	Tifton	24.74	55	P	P	18 51 46.5	+0.2
TIGA	Tifton	24.74	55	P	P	18 51 46.6	+0.3
J26A	Sides Ranch, S	24.79	7	P	P	18 51 47.2	+0.5
REDW	Red Top Meadow	24.80	353	eP	P	18 51 47.0	-0.1
SNOW	Snow King Moun	24.89	354	eP	P	18 51 48.0	+0.1
TPAW	Teton Pass	24.94	353	eP	P	18 51 48.0	-0.3
O03D	Paynes Creek	24.98	333	P	P	18 51 49.0	+0.6
LOHW	Long Hollow	25.02	354	eP	P	18 51 49.0	0.0
I21A	Big Trails, Te	25.05	360	P	P	18 51 49.8	+0.6
FXWY	Fox Creek	25.09	353	eP	P	18 51 50.2	+0.5
I22A	9 Mile Ranch,	25.14	1	P	P	18 51 50.7	+0.8
J28A	Allard Ranch,	25.16	10	P	P	18 51 51.0	+1.0
MOOW	Moose Ponds	25.17	354	eP	P	18 51 50.6	+0.2
I20A	Worldand	25.20	358	P	P	18 51 50.8	+0.3
J29A	Okreek	25.30	12	P	P	18 51 52.2	+0.9
DWPF	Disney	25.32	64	P	P	18 51 52.7	+1.1
I19A	Meeteetse	25.32	357	P	P	18 51 52.3	+0.6
IMW	Indian Meadow	25.34	354	eP	P	18 51 52.3	+0.4
K1PM	Iron Peak	25.36	330	eP	P	18 51 53.5	+1.5
PAYG	Puerto Ayora	25.37	137	eP	P	18 51 52.6	+0.5
J30A	Dallas	25.39	13	P	P	18 51 52.7	+0.6
I25A	Rochford	25.42	6	P	P	18 51 53.1	+0.6
RSSD	Black Hills	25.49	5	P	P	18 51 54.1	+0.9
FLWY	Flagg Ranch	25.50	354	eP	P	18 51 53.9	+0.6
I26A	New Underwood	25.52	7	P	P	18 51 54.2	+0.8
WDC	Whiskeytown Da	25.53	332	eP	P	18 51 52.6	-0.8
HLID	Hailey	25.55	348	eP	P	18 51 54.2	+0.5
HLID	Hailey	25.55	348	eP	P	18 51 54.2	+0.5
WVOR	Wild Horse Val	25.62	340	eP	P	18 51 54.5	+0.2
USIN	University of	25.63	37	eP	P	18 51 55.0	+0.7
I27A	Quinn	25.66	8	P	P	18 51 55.1	+0.5
I28A	Midland	25.73	10	P	P	18 51 55.6	+0.4
MFID	Camas Ranch	25.73	345	eP	P	18 51 56.5	+1.2
MOD	Modoc	25.73	337	eP	P	18 51 56.0	+0.7
H20A	Greybull	25.74	359	P	P	18 51 55.8	+0.5
H17A	Grant Village	25.80	354	P	P	18 51 56.3	+0.2
H17A	Grant Village	25.80	354	eP	P	18 51 57.1	+1.1
H21A	Big Horn, Sher	25.87	0	P	P	18 51 56.6	+0.1
YFT	Old Faithful	25.88	354	eP	P	18 51 57.7	+1.0
OLIL	Olney	25.92	36	eP	P	18 51 57.3	+0.3
N02D	Trinity Center	25.93	332	P	P	18 51 57.3	+0.3

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H19A	Powell	25.96	357	P	P	18 51 57.8	+0.5
H25A	Fruitdale	26.03	6	P	P	18 51 58.4	+0.5
CPCT	Cropper Cave	26.05	46	eP	P	18 51 58.1	-0.1
YMR	Madison River	26.11	354	P	P	18 52 00.3	+1.5
H26A	Fairpoint	26.11	7	P	P	18 51 59.3	+0.7
YNR	Norris Junctio	26.12	354	P	P	18 52 00.3	+1.3
H27A	Howes	26.21	8	P	P	18 52 00.2	+0.7
M04C	Macdoel	26.23	335	P	P	18 52 00.4	+0.5
KHMM	Horse Mountain	26.31	331	P	P	18 52 00.7	+0.1
QLMT	Santiquake Lak	26.32	353	eP	P	18 52 01.2	+0.5
M02C	Callahan	26.33	333	P	P	18 52 00.9	+0.2
J08A	Circle Bar Ran	26.40	341	eP	P	18 52 02.5	+1.2
H28A	Mission Ridge	26.41	10	P	P	18 52 01.7	+0.4
RLMT	Red Lodge	26.42	357	P	P	18 52 02.1	+0.5
RLMT	Red Lodge	26.42	357	eP	P	18 52 00.3	-1.3
ECSD	EROS Data Cent	26.49	17	P	P	18 52 02.4	+0.4
ECSD	EROS Data Cent	26.49	17	eP	P	18 52 02.9	+0.8
H29A	Onida	26.50	11	P	P	18 52 02.5	+0.4
MCMT	McKenzie Canyo	26.50	351	eP	P	18 52 02.4	0.0
YBH	Yreka Blue Hor	26.55	333	P	P	18 52 00.3	-2.4
YBH	Waterville	19 02 13.3			LR		
HDIL	Hopedale	26.64	31	eP	P	18 52 04.1	+0.7
TKL	Tuckaleechee C	26.67	46	P	P	18 52 03.9	+0.1
TKL	1.6nm,0.4s,baz=228,slo=6.7,SNR=9.5				S	18 56 33.5	-3.7
G26A	Maurine	26.80	7	P	P	18 52 05.2	+0.4
G27A	Dupe	26.96	8	P	P	18 52 07.0	+0.7
H32A	Carlson Farm,	26.99	15	P	P	18 52 07.0	+0.5
DLMT	Dillon	26.99	351	eP	P	18 52 07.6	+0.9
BLO	Bloomington	27.11	37	eP	P	18 52 08.4	+0.7
GCMT	Greycliff	27.11	356	eP	P	18 52 06.8	-1.0
BOZ	Bozeman (W)	27.15	353	eP	P	18 52 08.3	+0.2
BOZ	Bozeman (W)	27.15	353	eP	P	18 52 07.9	-0.2
J05D	Fort Hook, OR	27.27	337	P	P	18 52 09.3	+0.1
L02D	Cave Junction,	27.28	333	P	P	18 52 09.5	+0.3
TZTN	Tazewell	27.31	45	eP	P	18 52 10.5	+0.9
I07A	Izee	27.38	340	eP	P	18 52 10.9	+0.7
LRM	Limekiln Ridge	27.42	352	eP	P	18 52 11.0	+0.3
F27A	Lenmon	27.44	8	P	P	18 52 11.5	+0.9
J04D	Umpqua Nationa	27.56	336	P	P	18 52 11.9	0.0
PINOR	Pine Mountain	27.59	338	eP	P	18 52 13.1	+1.2
SPIN	Scholer Farm	27.64	34	P	P	18 52 12.6	+0.3
SPIN	Scholer Farm	27.64	34	eP	P	18 52 12.4	+0.1
JSC	Jenkinsville	27.76	51	eP	P	18 52 14.8	+1.2
LAO	LASA Array	27.94	1	P	P	18 52 15.8	+0.7
LAO	LASA Array	27.94	1	P	P	18 52 15.2	+0.2
RGRS	Roger Stewart	27.97	54	P	P	18 52 14.1	-1.3
MTJD	Mount Denham	28.05	86	eP	P	18 52 21.6	+5.2
JFWS	Jewell Farm	28.05	27	eP	P	18 52 16.4	+0.3
NHSC	New Hope	28.06	54	eP	P	18 52 15.7	-0.6
BCIP	Isla Barro Col	28.08	106	P	P	18 52 14.5	-2.0
CSU	Charleston Sou	28.09	49	eP	P	18 52 18.8	+2.3
KMSC	Kings Mountain	28.11	49	eP	P	18 52 17.8	+0.2
HRV	Holler Researc	28.22	333	P	P	18 52 18.4	+0.8
I05D	Terrebonne, OR	28.22	358	P	P	18 52 17.4	+0.8
CHMT	Chamberlain Mo	28.60	351	eP	P	18 52 21.1	-0.1
MSO	Missoula	28.62	350	P	P	18 52 21.7	+0.5
MSO	Missoula	28.62	350	eP	P	18 52 21.8	+0.5
SLMT	Seeley Lake	28.96	351	eP	P	18 52 24.6	+0.3
SWMT	Swartz Lake	29.30	350	eP	P	18 52 27.2	0.0
EGMT	Eagleton	29.34	356	P	P	18 52 28.0	+0.4
EGMT	Eagleton	29.34	356	eP	P	18 52 27.2	-0.3
BLA	Blacksburg	29.78	46	eP	P	18 52 31.6	0.0
ACSO	Alum Creek Sta	29.87	39	P	P	18 52 32.5	+0.3
B28A	Dugan Ranch, T	30.19	9	P	P		

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PTOM Tomar, MTE Mantelgas, PNCL Nicolau / Gran, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CD2, ASAR Alice Springs, GYA Guiyang, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, etc.

28d 21h

Table with columns: WMO, comp, pmax, pmax, Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like MKAR Makanchi Array, ZALV Zalesovo Beam, VVDA Vanda, ILAR Eielson Array, TXAR Lajitas Array, TORD Torodi Arr. Bea, CPUP Villa Florida, LPAZ La Paz.

MEX 28 19:41:33.3-0.5, 13:64N:92:78W, h15km, 72km, MD3.9, Off 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, TGIG, CMIG, Matias Romero.

BKK 28 19:48:23.3-1.2, 26°N:32°10'4E:4.1, h10km, M4.5/6, mb4.1/1, mb4.6/6, MLV4.4/2, Mw(mb)3.2/1

Text describing seismic event details: BKK 28 19:48:23.3-1.2, 26°N:32°10'4E:4.1, h10km, M4.5/6, mb4.1/1, mb4.6/6, MLV4.4/2, Mw(mb)3.2/1. Includes station codes and coordinates.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like KMI, CMAI, CHTO, CMMT, LAMP, CMAR, MHMT, UTTA, WMO, MKAR, WRA.

BKK 28 19:49:45.9-1.6, 20°N:7°10'E:1.1, h66km, 11km, M2.7/3, ML2.7/3, Myanmar

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like CRAI, CMAI, CHTO, CMMT.

IDC 28 19:55:17.4-1.7, 6:60S:128:89E, h0km, mb4.0/2, mb1.3/9.4, mb1mx3.5/9.4, mbtm3.8/4, ML3.8/2, Error ellipse: s-maj=110.6km s-min=30.2km az=67.0

Text describing seismic event details: IDC 28 19:55:17.4-1.7, 6:60S:128:89E, h0km, mb4.0/2, mb1.3/9.4, mb1mx3.5/9.4, mbtm3.8/4, ML3.8/2, Error ellipse: s-maj=110.6km s-min=30.2km az=67.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like FAKI, SOEI, SWI, MTN, KDU, KNRA, FITZ, WRA, COEN, ASAR, WRKA, MKAR, KURBB.

IDC 28 20:01:05.2-5.5, 22:38N:144:46E, h130km, 41km, mb2.9/4, mb1.3/0.5, mb1mx2.8/39, mbtm3.5/5, Error ellipse: s-maj=225.6km s-min=21.5km az=75.0, Volcano islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like JCJ, MJAR, KSRS, WRA, ASAR, KURBB.

GUC 28 20:02:38.1±0.6, 34:54S:71:94W, h21km, 5km, ML4.0, 4C-5D, Near coast of central Chile

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Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like U65B, U65B, U65B, U69B, U69B, U69B, NICH, NICH, NICH, U73B, U73B, U73B, TALC, TALC, TALC, LNCH, LNCH, LNCH, ANTU, ANTU, ANTU, PCH, PCH, PCH, SAN, SAN, SAN, PEL, PEL, PEL, PEL, PEL, PEL, ANTU, ANTU, ANTU, PCH, PCH, PCH, SAN, SAN, SAN, PEL, PEL, PEL, PEL, PEL, PEL.

ISC/JB 28 20:03:19.9-1.4, 34:52S:0:04:71:9W:0.1, h32km, 9km, mb3.6/1, Error ellipse: s-maj=17.3km s-min=6.7km az=1.0

Text describing seismic event details: ISC/JB 28 20:03:19.9-1.4, 34:52S:0:04:71:9W:0.1, h32km, 9km, mb3.6/1, Error ellipse: s-maj=17.3km s-min=6.7km az=1.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like U65B, U65B, U65B, U69B, U69B, U69B, NICH, NICH, NICH, U73B, U73B, U73B, TALC, TALC, TALC, LNCH, LNCH, LNCH, LCO, LCO, LCO, TRQA, TRQA, TRQA, LVC, LVC, LVC, LPAZ, LPAZ, LPAZ, SAML, SAML, SAML.

ISC/JB 28 20:07:50.1±1.3, 6:1S:0:2:148:6E:0.3, h60km, mb3.4/4, Error ellipse: s-maj=45.2km s-min=13.6km az=24.0

Text describing seismic event details: ISC/JB 28 20:07:50.1±1.3, 6:1S:0:2:148:6E:0.3, h60km, mb3.4/4, Error ellipse: s-maj=45.2km s-min=13.6km az=24.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like PMG, WRA, ASAR, FITZ, VVDA, ILAR.

IGQ 28 20:12:18.0-9.2, 9:29S:79:87W, h6km, 61km, Mb4.0, Error ellipse: s-maj=7.0km s-min=3.7km az=12.0, Near coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like RIOE, RIOE, BMAS, ARRY, PATI, JU6, BULB, RUNS, BRUN, PISA, CAMI, CAMI, MOV1, BNAS, BREF, BTAM, TAMB, BVCC, VC1, PITA, MAG1, ANTI, PINO, YANA, OTAV, COTA.

TAP 28 20:20:42.5, 22:83N:120:71E, h15km, ML2.6, 4C-2D, A, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like SSD, SGLT, SGLT, TWMI, TWMI, SGST, SGST, ECL, ECL, ECL, STYT, STYT, TWG.

MEX 28 20:22:21.3, 13:59N:120:69E, h115km, mb4.8, ML3.7, MS3.7, 1C, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like LUBP, TGY, SJMP, SJMP, BALS, BALP, ENPP, CUYO.

MEX 28 20:29:17.4-0.5, 16:68N:99:68W, h16km, 14km, MD3.7, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like ACX, CAIG, CAIG, MLEG, MLEG, TLIG, PLIG, ARIG.

MAN 28 20:31:47.18:15N:121:10E, h32km, mb4.6, ML3.4, MS3.3, 1C, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like APYP, APYP, PIP, ABRA, ABRA, SGCP, CAUP, PALP.

JMA 28 21:07:40.9-0.3, 24:81N:122:31E, h2km, 4km, M2.7

Text describing seismic event details: JMA 28 21:07:40.9-0.3, 24:81N:122:31E, h2km, 4km, M2.7. Includes station codes and coordinates.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like TWG, CHN1, CHN1, CHN3, CHN3, WTP, WTP, ELDTW, ELDTW, EAST, EAST, SCZT, SCZT, SCZT, TWK, TWK, TAW, TAW, TAW, CHN4, CHN4, TWP, TWP, SCLT, SCLT, SCLT, ALS, ALS, YUS, YUS, YUS, CHN2, CHN2, TWF1, TWF1, CHN5, CHN5, WGG, WGG, WGH, WGH, EHY, EHY, WSF, WSF, WSF, WDG, WDG, SMLT, SMLT, SMLT, TYC, TYC, TYC, EYL, EYL, WHF, WHF, WHF, TWT, TWT, TWT.

MAN 28 20:22:21.3, 13:59N:120:69E, h115km, mb4.8, ML3.7, MS3.7, 1C, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like LUBP, TGY, SJMP, SJMP, BALS, BALP, ENPP, CUYO.

MEX 28 20:29:17.4-0.5, 16:68N:99:68W, h16km, 14km, MD3.7, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like ACX, CAIG, CAIG, MLEG, MLEG, TLIG, PLIG, ARIG.

MAN 28 20:31:47.18:15N:121:10E, h32km, mb4.6, ML3.4, MS3.3, 1C, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like APYP, APYP, PIP, ABRA, ABRA, SGCP, CAUP, PALP.

JMA 28 21:07:40.9-0.3, 24:81N:122:31E, h2km, 4km, M2.7

Text describing seismic event details: JMA 28 21:07:40.9-0.3, 24:81N:122:31E, h2km, 4km, M2.7. Includes station codes and coordinates.

ISC 28 21:07:41.5, 24:88N:122:25E, h5km, ML2.8, D

Text describing seismic event details: ISC 28 21:07:41.5, 24:88N:122:25E, h5km, ML2.8, D. Includes station codes and coordinates.

ISC 28 21:07:41.1±1.1, 24:83N:122:33E:0.02, h1km, 8km, n30, c08/53, 1D, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like TWB1, TWB1, EGS, EGS, EGS, TWC, TWC, TWC, NWF, NWF.

Table with columns: H1N3, H1S1, H1S2, SONM, ILAR, ILAR, ZALV, MKAR, CMAR, CMAR, CMAR, FINES, FINES, FINES, FINES, AKASG, AKASG, ASAR, TXAR, TXAR, BRTR, BRTR, BRTR, GERS, GERS, GERS, CSEM, AZER, NNC, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC

CSEM 28 22:40:32.6, 0.4, 39.90N, 51.98E, h50km, mb3.7, Error ellipse: s-maj=9.9km s-min=6.4km az=153.0

AZER 28 22:40:35.0, 0.1, 39.84N, 51.54E, h50km, 1km, Error ellipse: s-maj=3.2km s-min=1.5km az=264.0

NNC 28 22:40:41.6, 8.9, 41.01N, 51.86E, h0km, mb3.7, Error ellipse: s-maj=108.1km s-min=57.9km az=89.0

Table with columns: GALA, GALA, NDR, NDR, GOBA, GOBA, GOBA, ALIB, ALIB, ATGJ, ATGJ, ATGJ, SIZY, SIZY, SIZY, LKRN, LKRN, LKRN, LKRN, GLBA, GLBA, GLBA, KDMR, KDMR, KDMR, IML, IML, IML, IML, LKRN, LKRN, BRD, BRD, BRD, SEKA, SEKA, SEKA, GANJ, GANJ, GANJ, ZKTA, ZKTA, QZX, QZX, QZX, QZX, DGRG, DGRG, SEAG, SEAG, AB31, AB31, AKTO, AKTO, AKTO, AKTO, VANDA

CSEM 28 22:42:36.7, 0.6, 37.20N, 37.40E, h10km, MD3.0, Error ellipse: s-maj=12.4km s-min=5.3km az=81.0

DDA 28 22:42:37.9, 0.7, 37.13N, 37.23E, h7km, MD3.0

ISCJB 28 22:42:38.4, 0.7, 37.16N, 0.03, 37.24E, 0.06, h8km, 5km, Error ellipse: s-maj=7.6km s-min=5.3km az=165.5

ISK 28 22:42:38.5, 0.7, 37.19N, 37.23E, h11km, MD2.8

ISC 28 22:42:38.1, 1.1, 37.17N, 0.04, 37.25E, 0.05, h12km, 11km, n17, 0.65/28, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC

AUST 28 22:42:43.0, 16.99S, 168.44E, h0km

NOU 28 22:42:46.7, 1.9, 17.19S, 167.78E, h30km, MD3.8, ML4.6

GCMT 28 22:45.1, 0.1, 37.145S, 167.59E, h26km, 1km, MW5.0/0.2

NEIC 28 22:42:51.1, 0.3, 17.45S, 167.76E, h35km, mb4.9/10

NEIC 28 22:42:51.1, 0.3, 17.45S, 167.76E, h35km, mb4.9/10

SGFRZ 28 22:42:44.9, 9.1, 19.11S, 166.78E, h33km, Vanuatu Islands region

ISC 28 22:42:49.9, 0.5, 17.47S, 0.06, 167.8E, 0.1, h27km, n83, 0.133/75, mb4.5/22, MS3.8/13, 3C, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC

VNDA Vanda 60.15 181 eP P 22 52 55.9 +1.2

SBA Scott Base 60.42 180 eP P 22 52 57.9 +1.4

MJAR Matsuyiro Ar 60.67 333 P P 22 52 56.8 -1.3

MAJO Matushiro 60.58 333 eP P 22 52 57.3 -0.8

MAW Mawson 75.57 202 P P 22 54 55.9 +1.8

MAW Mawson 75.57 202 P P 22 54 55.9 +1.8

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MAW Mawson 75.57 202 P P 22 54 55.9 +1.8

MAW Mawson 75.57 202 P P 22 54 55.9 +1.8

28d 23h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like EDC Edincik, AYDB Zeytinokoy-Aydi, MDNY Mudanya-Bursa, etc.

ISCJB 28 23:09:41.2.0.6, 26:37S, 0:03:27.46E, 0:03, h11km, 4km, mb4.0/6, Error ellipse: s-maj=5.2km s-min=3.3km az=43.4

PRE 28 23:09:41.4.1.9, 26:38S, 27.44E, h2km, ML3.8

ISC 28 23:09:42.1.0.9, 26:40S, 27.56E, h0km, mb4.0/6, mb1.4/3.1, ms1mx2.9/3.3, mbtmp4.2/1.1, ML4.2/3, MS3.0/1, Ms1.3/0.1, ms1mx2.5/2.3, Error ellipse: s-maj=31.1km s-min=17.4km az=81.0

ISC 28 23:09:42.1.0.8, 26:37S, 0:03:27.42E, 0:03, h7km, 5km, n36, r1587/59, mb4.1/6, South Africa

Main table of station data for the 28d 23h period, including codes, station names, and various parameters.

2010 AUG

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like VANDA Vanda, FINES FINES Array B, MKAR Makanchi Array, etc.

ISC 28 23:14:06.2.1.6, 60:48N, 153:28W, h123km, 26km, mb3.3/4, mb1.3/8, mb1mx3.2/3.4, mbtmp3.9/8, MS3.0/1, ms1mx2.2/2.3, Error ellipse: s-maj=39.3km s-min=11.0km az=109.0

ISCJB 28 23:14:07.1.0.3, 60:44N, 153:11W, 0:06, h154km, 3km, mb3.5/4, Error ellipse: s-maj=4.8km s-min=3.5km az=27.6

NEIC 28 23:14:09.0, 60:42N, 153:11W, h148km, MG3.5(AEIC), After AEIC

ISC 28 23:14:08.0.0.8, 60:43N, 153:03, 153:11W, 0:04, h153km, 5km, n96, r0992/112, mb3.6/4, Southern Alaska

Main table of station data for the 2010 AUG period, including codes, station names, and various parameters.

1466

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BDRM Kayabasi, BDRM Kayabasi, BDRM Kayabasi, etc.

DDA 28 23:25:09.8, 42:37N, 26:28E, h12km, MD2.9

THE 28 23:25:11.8, 42:24N, 26:44E, h20km, 9km, ML2.4/5, Error ellipse: s-maj=13.2km s-min=1.4km az=52.0

CSEM 28 23:25:13.3, 42:42N, 26:13E, h2km, MD3.1, Error ellipse: s-maj=4.6km s-min=3.6km az=13.0

ISK 28 23:25:14.5, 42:01N, 26:36E, h5km, MD3.1

BEO 28 23:25:17.8, 42:43N, 25:79E, h5km, 7km, ML1.6/3

ISC 28 23:25:10.9, 42:21N, 0:02:26.20E, 0:02, h3km, 11km, n80, r109/104, 10C-3D, Bulgaria

Main table of station data for the 1466 period, including codes, station names, and various parameters.

29d 0h

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like SHENYANG, KUNIGAMI, KOREA ARRAY, etc.

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Table with columns for station code, name, frequency, power, and signal strength. Includes stations like MYLDM, KSM, ULHL, AAA, etc.

1470

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like CBIJ, BVAO, BVAO, etc.

29d 1h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like RND Reindeer, ILI Eielson Array, WLF Waiferdange, etc.

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Table with columns: TXAR, Lajitas Array, SNAEA, Sanae, VNA1, Neumayer-Stat, SDV Domingos, ROSC, El Rosal, etc.

ISCJB 29 00:54:50.4, 0.5, 32.221N, 0.02:115:25W, 0.03, h5km, 4km, Error ellipse: s-maj=8.4, s-min=3.6km, az=10.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MBIG Mexicali, EMSC East Mesa, SGL Mount Signal, etc.

ISCJB 29 01:14:36.8, 0.0, 30.64N, 0.05:103:27E, 0.06, h10km, mb3.6/8, MS3.1/1, Error ellipse: s-maj=8.0km, s-min=7.0km, az=142.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CD2 Chengdu, CD2 5um, 0.8s, CD2 5um, 0.6s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SONM Songino Array, WMQ Urumqi, KRSR Korea Array, etc.

NIED 29 01:16:00, 38.90N, 140.90E, h5km, Mw3.9 Best double couple: M7.58000x1014, NP1=31.00000, S33.00000, etc.

1724

IDC 29 01:16:42.3, 1.6, 38.86N, 140.74E, h45km, 16km, mb3.7/24, mb1.4/27, mb1mx3.8/43, mbtmp3.9/29, ML3.2/5 Error ellipse: s-maj=15.2km, s-min=10.9km, az=87.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like JMK Ichinoseki, JMK Kaneyama, JYK Kaneyama, etc.

IDC 29 01:30:26.2, 0.4, 0.00S, 124.81E, h20km, mb4.3/23, mb1.4/27, mb1mx3.8/43, mbtmp4.3/27, ML3.8/4, MS3.3/7, Ms1.3.3/7, ms1mx2.8/41, Error ellipse: s-maj=16.5km, s-min=11.0km, az=80.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like KMSI Cibinong, SANI Sanana, SANI Sanana, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NORSAR Array S, NCK Naichik, KIV Kislovodsk, KBZ Khabaz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like OJC Ojcow, KHC Kasperske Hory, GUMO Guam, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DJA 29 03:18.24.5.0.5, SKR Severo-Kuril's, FAKI Fak Fak, etc.

Table with columns: EIDS, AFJ, COEN, STKA, STKA, STKA, RPZ, AS31, ASAR, PPT, TGY, USRK, SBA, PSI, SEY, GSPA, ULN, SONM, ILAR, MKAR, ZALV, ARCS, FINES, AKAS, BRTR, PSZ, GERES, TRI, SSB, KEST, ESDC, ESDC, MTE, TOR, TOR, TOR. Includes station names, coordinates, and various parameters.

NIED 29 04:27.00, 34.60N, 138.10E, h280km, Mw4.2 Best double couple: Me2.13000x1015 NP1.311.000000, lambda=14.000000, NP2.055.000000, delta=87.000000, lambda=104.000000.

MOS 29 04:27.21.61.0.34.45N:138.20E, h271km, mb4.1/31, Error ellipse: s-maj=11.5km s-min=6.6km az=109.5

ISCJB 29 04:27.23.0.2.34.61N:0.104:138.10E:0.04, h276km, mb3.9/34, Error ellipse: s-maj=6.4km s-min=5.0km az=144

IDC 29 04:27.23.8.0.9.34.46N:138.06E, h272km, mb4.3/716, mb1.3/8.20, mb1mx3.6/43, bmtmp4.3/20, Error ellipse: s-maj=18.1km s-min=9.6km az=70.0

JMA 29 04:27.23.0.2.0.2.34.60N:138.13E, h278km, mb4.4 Broadband fault plane solution: P waves. NP1: phi=51.000000, delta=86.000000, lambda=137.000000. NP2: phi=317.000000, delta=84.000000, lambda=6.000000. Principal axes: T P1g25.000000, Azm176.000000, N P1g47.000000, Azm56.000000, P P1g32.000000, Azm283.000000;

B/JJ 29 04:27.30.1.34.99N:137.43E, h293km, mb4.5/11, Mb4.3/5 ISC 29 04:27.24.1.0.5.34.82N:0.005:138.12E:0.005, h274km, mb4.4, n101, r183/123, mb4.0/34, 21C-10D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations and their associated data.

Table with columns: USRK, YUK, YUK, YUK, YUK, YUK, YSS, YSS, YSS, KLR, TYV, TIA, TIA, PET, PET, ULN, ULN, SONM, SONM, SONM, ZAK, ZAK, TLY, TLY, H1S3, H1S1, H1S1, HVS, JAY, JAY, JAY, CMAR, CMAR, CMAR, WMQ, WMQ, WMQ, WMQ, ZALV, ZALV, ZALV, NVS, MK31, MK31, MKAR, MKAR, MKAR, MKAR, KURK, KURK, KURK, KURB, AAK, AAK, AAK, BVAO, BVAO, BVAO, BRVK, WRAB, WRAB, WRA, WRA, WRA, SVE, SVE, ARU, ARU, ARU, ARU, AB31, AB31, ASAR, ASAR, ARCS, ARCS, ARCS, FINES, FINES, FINES, KBZ, KBZ, KBZ, KIV, KIV, NEY, NEY, GNI, AKAS, AKAS, AKAS, KIEV, KIEV, HFS, HFS, HFS, NB2, NOAR, NOAR, NOA, NOA, NOA. Includes station names, coordinates, and various parameters.

Table with columns: BRTR, BRTR, KOLS, KOLS, KOLS, VYHNE, VYHNE, VYHNE, COLL, COLL, COLL, GERES, GERES, GERES, TXAR, TXAR, TXAR, TOR, TOR, TOR. Includes station names, coordinates, and various parameters.

NEIC 29 04:37:12.5, 32.14N:115.20W, h0km, ML2.8(PAS), ML3.0(ECX), After ECX.

ECX 29 04:37:12.5:0.5, 32.14N:115.21W, h10km, MD2.7, ML2.9, 2C-3D, California-Baja California border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations and their associated data.

IDC 29 04:39:18.1±0.7, 14.14N:91.35W, h0km, mb4.3/13, mb1.4/5/14, mb1mx3.4/31, bmtmp4.3/14, ML4.8/1, MS3.6/14, Ms1.3/6.14, ms1mx3.4/27, Error ellipse: s-maj=32.2km s-min=15.9km az=51.0

CASC 29 04:39:26.7±0.5, 14.08N:91.64W:0.04, h77km, mb4.2, ML4.3, mb4.6(NEIC)

ISCJB 29 04:39:26.7±0.5, 14.08N:91.65W, h61km, mb4.6/82, Error ellipse: s-maj=10.1km s-min=5.8km az=222.0

NEIC 29 04:39:26.4±1.1, 14.00N:91.65W, h61km, mb4.6/82, Error ellipse: s-maj=10.1km s-min=5.8km az=222.0

NEIC Felt at Guatemala, B/JJ 29 04:39:30.6, 14.20N:91.60W, h90km, mb5.0/4, Ms5.0/3, Ms7.4/8/3

ISC 29 04:39:26.3±1.2, 13.97N:0.0891, 77W:0.07, h58km, mb4.4, n101, r183/123, mb4.6/87, MS3.7/12, 1C-2D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations and their associated data.

29d 4h

633A	baz=17	16.87	337	P	Pn	04 43 19.1	+0.5
438A	Saathoff Ranch	17.04	349	P	Pn	04 43 20.9	+0.2
534A	Blanco	17.14	340	P	P	04 43 22.7	+0.7
632A	Uvalde	17.15	336	P	P	04 43 23.0	0.0
436A	Wall Ranch, Ga	17.35	345	P	Pn	04 43 25.1	+0.6
533A	Kerrville	17.37	338	P	Pn	04 43 25.4	+0.6
631A	Perdido Creek	17.39	333	P	Pn	04 43 25.4	+0.3
339A	Huntington	17.47	352	P	Pn	04 43 25.7	-0.3
340A	Eronson	17.47	354	P	Pn	04 43 25.7	-0.3
338A	Crockett	17.61	350	P	Pn	04 43 27.8	+0.2
337A	Centerville	17.67	348	P	Pn	04 43 28.4	-0.1
532A	Rocksprings	17.75	336	P	Pn	04 43 29.7	+0.3
434A	Burnet	17.80	341	P	P	04 43 30.6	+0.5
NATX	Nacogdoches	17.90	352	P	Pn	04 43 31.5	+0.2
336A	Riesel	17.95	346	P	Pn	04 43 31.6	-0.3
335A	Woody	18.00	344	P	P	04 43 31.9	-0.4
433A	Art	18.01	339	P	P	04 43 32.1	0.0
JCT	Junction City	18.02	337	P	P	04 43 32.5	-0.1
JCT	Junction City	18.02	337	ePn	Pn	04 43 34.8	+2.1
JCT	Junction City	18.02	337	ePn	Pn	04 43 34.8	+2.1
531A	Rocksprings	18.04	335	eSn	Sn	04 46 39.1	-4.1
239A	Gary	18.13	353	P	P	04 43 32.9	+0.1
238A	Jacksonville	18.21	351	P	P	04 43 33.8	0.0
334A	Lometa	18.27	342	P	P	04 43 34.8	+0.2
237A	Washetta, Mont	18.32	349	P	P	04 43 35.4	+0.1
530A	J-C Ranch, Com	18.36	333	P	P	04 43 35.7	-0.1
432A	Menard	18.37	338	P	P	04 43 37.0	+0.6
236A	Katherine and	18.47	347	P	P	04 43 36.6	+0.1
333A	Richland Sprin	18.50	340	P	P	04 43 37.7	+0.3
431A	Sonora	18.52	335	P	P	04 43 38.2	+0.4
WHTX	Lake Whitney	18.52	335	P	P	04 43 38.6	+0.5
WHTX	Lake Whitney	18.68	345	P	P	04 43 38.6	+0.5
WHTX	Lake Whitney	18.68	345	eP	P	04 43 39.8	+0.1
WHTX	Lake Whitney	18.68	345	eP	P	04 43 40.1	+0.4
529A	Stev Forest Ra	18.75	331	P	P	04 46 56.3	-13
332A	Millersview	18.81	338	P	P	04 43 41.2	+0.5
TXAR	Lajitas Array	18.84	326	P	P	04 43 41.7	+0.4
TXAR	comp=Z,0.7nm,0.3s,baz=152,slow=11,SNR=89	18.84	326	P	P	04 43 42.3	+0.6
TXAR	comp=Z,0.0nm,0.3s,baz=141,slow=5.8,SNR=3.7	18.84	326	P	P	04 48 07.2	+0.6
TXAR	comp=Z,67nm,20.7s,baz=0.0,slow=37	18.84	326	P	P	04 51 04.5	
TXAR	comp=Z,0.0nm,0.3s,baz=172,slow=2.5,SNR=5.1	18.84	326	P	P	04 51 52.2	
138A	Malatall Enter	18.85	351	P	P	04 43 41.8	+0.2
430A	Baggett Ranch	18.87	334	P	P	04 43 42.6	+0.7
234A	Clairette	18.87	343	P	P	04 43 42.4	+0.5
136A	Ennis	18.93	348	P	P	04 43 42.9	+0.5
TIGA	Tifton	18.94	22	P	P	04 43 42.0	-0.7
TIGA	Tifton	18.94	22	eP	P	04 43 42.0	-0.7
OTAV	Otavalo	18.98	135	P	Pn	04 43 43.5	+0.9
H06E1	SOCORRO T-PHASE	19.00	337	T	T	05 02 57.2	
331A	San Angelo	19.00	337	P	P	04 43 44.1	+0.7
429A	Davenport Ranch	19.02	332	P	P	04 43 44.4	+0.8
135A	Vickery Place,	19.20	345	P	P	04 43 45.9	+0.3
232A	Coleman	19.24	339	P	P	04 43 46.8	+0.8
330A	Mertzon	19.38	335	P	P	04 43 48.3	+0.7
134A	White-Moore Ra	19.39	344	P	P	04 43 47.8	+0.2
238A	Mt. Pleasant	19.41	352	P	P	04 43 48.0	+0.2
ROSC	El Rosal	19.43	116	P	Pn	04 43 51.9	+1.7
ROSC	El Rosal	19.43	116	ePn	Pn	04 43 52.7	+2.5
Z37A	Pogue Cattle C	19.46	350	P	P	04 43 48.6	+0.3
231A	Bronte	19.52	338	P	P	04 43 49.7	+0.7
133A	Hamilton Ranch	19.67	342	P	P	04 43 51.1	+0.5
236A	Blue Ridge	19.68	348	P	P	04 43 50.9	+0.2
Z30A	Sterling City	19.78	336	P	P	04 43 52.5	+0.6
329A	Wagon Wheel Ra	19.79	333	P	P	04 43 52.7	+0.6
Z35A	Perchaven, San	19.91	346	P	P	04 43 53.2	0.0
ABTX	Abielene, Hawle	19.91	340	P	P	04 43 53.4	+0.1
ABTX	Abielene, Hawle	19.91	340	eP	P	04 43 53.3	+0.1
Y39A	Lockesburg	19.99	354	P	P	04 43 53.8	-0.2
Y38A	Idabel	20.05	353	P	P	04 43 54.5	-0.2
Z34A	Collier Ranch,	20.11	345	P	P	04 43 55.7	+0.3
229A	Bryant Ranch,	20.13	335	P	P	04 43 56.3	+0.6
131A	Roby	20.21	339	P	P	04 43 56.2	-0.4
Y37A	Hugo	20.22	351	P	P	04 43 56.5	-0.1
Z33A	Whitaker Ranch	20.25	343	P	P	04 43 56.7	-0.3
Y36A	Durant	20.26	349	P	P	04 43 56.4	-0.6
130A	Snyder	20.35	337	P	P	04 43 57.7	-0.4
Y35A	Marietta	20.41	347	P	P	04 43 58.4	-0.3
Z32A	Haskele	20.49	341	P	P	04 43 59.4	-0.1
MIAR	Mound Ida	20.55	356	P	P	04 43 59.5	-0.7
MIAR	Mound Ida	20.55	356	eP	P	04 43 59.0	-1.2
OXF	Oxford	20.56	6	eP	P	04 44 01.1	+0.8
228A	UT Block 9, Go	20.60	333	P	P	04 44 00.6	-0.2
Y34A	Reagan Ranch,	20.63	346	P	P	04 43 59.8	-1.1
Z31A	Sharp Cattle R	20.71	340	P	P	04 44 02.1	+0.0
UALR	University of	20.72	359	eP	P	04 44 02.8	+0.9
129A	Stewart Farms	20.73	335	P	P	04 44 02.1	-0.2
X37A	Clayton	20.79	352	P	P	04 44 02.6	0.0
X38A	Whitesboro	20.79	353	P	P	04 44 02.4	-0.4

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X35A	Drake	20.88	348	P	P	04 44 03.4	-0.3
Y33A	Hilltop Ranch,	20.89	344	P	P	04 44 04.0	+0.1
X36A	Centrahoma	20.92	349	P	P	04 44 03.9	-0.2
128A	Castleberry Fa	20.98	334	P	P	04 44 04.7	-0.3
Z30A	Sanderson Ranch	21.03	338	P	P	04 44 05.4	0.0
Y32A	R-V Farms, Ver	21.12	342	P	P	04 44 05.9	-0.5
W38A	Polk, SNR=9.0	21.15	354	P	P	04 44 06.4	-0.2
Z29A	Hungry Hill Ra	21.22	336	P	P	04 44 07.0	-0.5
X34A	Smith Ranch, M	21.26	346	P	P	04 44 07.8	0.0
W37A	Quinton	21.33	352	P	P	04 44 08.1	-0.5
Y31A	Rekieta Farm,	21.34	340	P	P	04 44 08.4	-0.3
X33A	Lawton	21.37	345	P	P	04 44 08.5	-0.4
W36A	Wetumka	21.46	350	P	P	04 44 09.0	-0.8
X32A	Elmer	21.47	343	P	P	04 44 09.4	-0.6
Y30A	Stafford Cattl	21.48	339	P	P	04 44 10.3	+0.1
Z28A	Tucker Farm, M	21.52	335	P	P	04 44 09.9	-0.8
W35A	Tecumseh	21.59	349	P	P	04 44 10.1	-1.2
WMOK	Wichita Mounta	21.62	344	eP	P	04 44 10.0	-1.7
Y29A	Porterfield Fa	21.74	337	P	P	04 44 12.5	-0.6
W34A	Bridge Creek,	21.85	347	P	P	04 44 12.9	-1.2
W34A	Bridge Creek,	21.85	347	eP	P	04 44 12.4	-1.7
X31A	McDonald Ranch	21.87	342	P	P	04 44 13.5	-0.8
W33A	Caddo, Fort Co	21.94	345	P	P	04 44 14.5	-0.6
X30A	Coker Ranch, T	21.99	340	P	P	04 44 15.7	+0.1
Y28A	McInaney Farm,	22.01	336	P	P	04 44 15.0	-1.0
V37A	Hulbert	22.03	353	P	P	04 44 15.5	-0.5
W32A	Senillet	22.11	344	P	P	04 44 15.4	-1.5
TUL1	Tulsa	22.14	351	P	P	04 44 16.1	-1.1
TUL1	Tulsa	22.14	351	eP	P	04 44 16.2	-1.0
V35A	Meyer Ranch, O	22.17	349	P	P	04 44 16.5	-1.0
MSTX	Muleshoe	22.27	335	P	P	04 44 18.7	-0.1
MSTX	Muleshoe	22.27	335	eP	P	04 44 16.9	-1.9
X29A	Tulia	22.28	338	P	P	04 44 17.6	-1.2
WVT	Waverly	22.35	8	eP	P	04 44 17.9	-1.5
CPCT	Cooper Cave	22.36	16	eP	P	04 44 18.5	-1.1
W31A	Holland Ranch,	22.37	342	P	P	04 44 18.1	-1.6
V34A	Guthrie	22.38	348	P	P	04 44 17.8	-2.0
V34A	Guthrie	22.38	348	eP	P	04 44 17.2	-2.6
U38A	Gravel	22.50	354	P	P	04 44 19.6	-1.4
X28A	Dimmitt	22.53	337	P	P	04 44 20.7	-0.8
V33A	Lossen Ranch,	22.53	346	P	P	04 44 20.8	-0.6
W30A	Crockett Farms	22.56	341	P	P	04 44 20.9	-0.9
AMTX	Amarillo	22.66	338	P	P	04 44 22.0	-1.0
AMTX	Amarillo	22.66	338	eP	P	04 44 21.5	-1.5
PARMO	Parma	22.67	4	eP	P	04 44 20.9	-1.9
PBMO	Poplar Bluff	22.75	3	eP	P	04 44 21.6	-2.0
U35A	Pawnee	22.75	350	P	P	04 44 22.0	-1.6
TKL	Tuckaleechee C	22.76	17	P	P	04 44 22.6	-1.2
W29A	Amrillo	22.80	0.7s,baz=152,slow=13,SNR=9.0	P	P	04 44 24.0	-1.1
V31A	Spring Creek L	22.89	343	P	P	04 44 24.2	-1.0
U34A	Anderson Ranch	22.96	348	eP	P	04 44 27.1	+1.2
KMSC	Kings Mountain	23.09	22	P	P	04 44 25.6	-1.6
KMSC	Kings Mountain	23.09	22	eP	P	04 44 26.9	-0.3
W28A	Vega	23.19	338	P	P	04 44 27.4	-0.9
T37A	Cheneyville 18	23.23	354	P	P	04 44 27.3	-1.2
T35A	Sooner Cattle	23.24	350	P	P	04 44 27.4	-1.2
T36A	Boggs Farm, Ca	23.29	352	P	P	04 44 26.9	-2.2
U31A	Nine Bar Ranch	23.45	343	P	P	04 44 28.9	-1.8
T34A	McClaskey Farm	23.46	349	P	P	04 44 29.3	-1.4
121A	Cookes Peak, D	23.56	324	P	P	04 44 32.3	+0.4
121A	Cookes Peak, D	23.56	324	eP	P	04 44 32.6	+0.7
V28A	Channing	23.64	338	P	P	04 44 31.7	-0.8
SIUC	Southern Illin	23.76	5	eP	P	04 44 32.3	-1.1
U30A	WK&C Inc. Balk	23.83	342	P	P	04 44 33.5	-0.7
S37A	Fort Scott	23.85	354	P	P	04 44 32.8	-1.4
V27A	Dan Oppiter Fa	23.86	337	P	P	04 44 34.4	-0.2
S36A	Lake Cedric, C	23.90	353	P	P	04 44 34.3	-1.1
U29A	Oasis Ranch, S	23.95	341	P	P	04 44 35.0	-0.3
S35A	Otter Creek Ra	23.96	351	P	P	04 44 34.6	-0.7
T32A	Huddler Ranch,	23.98	346	P	P	04 44 35.1	-0.4
USIN	University of	24.17	8	eP	P	04 44 36.5	-0.7
U28A	Mallet	24.20	339	P	P	04 44 36.7	-0.9
T30A	Plains	24.28	343	P	P	04 44 37.6	-0.7
LPM	Los Pinos Moun	24.31	329	eP	P	04 44 39.5	+0.7
U27A	Thompson Grove	24.45	338	P	P	04 44 39.7	-0.2
S32A	Newby Ranch, P	24.48	346	P	P	04 44 39.8	-0.2
T29A	Hugoton	24.60	341	P	P	04 44 41.1	-0.1
LAZ	Ladron	24.64	328	eP	P	04 44 43.1	+1.3
R34A	Isabella, Hill	24.71	350	P	P	04 44 42.1	-0.1
ANMO	Albuquerque	24.73					

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Table with columns for station name, frequency, mode, and signal strength. Includes stations like LIA Limnos Island, ALN Alexandroupoli, and various international stations like PPHSR Pinarhisar.

Table with columns: BRTR, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Keskin Array B, Moray, RASCA, etc.

Table with columns: YUK, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like comp=E,50nm,0.2s, AMB, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LPAZ, LVC, NNA, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DDA, ISK, ISCB, etc.

IDC 29 05:42:15.0-61.0, 20:35S-177.41W, h0km, mb3.8/3, mb1 3.9/3, mb1mx3.6/2.4, mbtmp3.8/3, Error ellipse: s-maj=115.0km s-min=168.7km az=83.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like STKA, ASAR, WRA, etc.

IDC 29 06:05:56.6-1.6, 31:42N x 103.99E, h0km, mb3.6/3, mb1 3.6/3, mb1mx3.2/5.3, mbtmp3.6/3, Error ellipse: s-maj=199.5km s-min=26.4km az=56.0, Sichuan

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MKAR, ZALV, WRA, etc.

ISCJB 29 06:26:31.6-0.6, 37:25N-0:04-28:22E, h0km, Error ellipse: s-maj=6.3km s-min=4.3km az=141.9

CSEM 29 06:26:31.7-0.3, 37:25N-28:22E, h2km, MD2.8 Error ellipse: s-maj=8.8km s-min=6.2km az=55.0, Mining explosion.

ISC 29 06:26:32.8-1.2, 37:23N-0:03-28:21E, h0km, n20, c1943/27, Turkey

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like YER, TUR, AYD, etc.

NIED 29 06:04:00.46:80N, 153:10E, h8km, Mw3.9 Best double couple: M=8.21000e+1014 NP1=219.00000e+844.00000e+741.00000e+9 NP2=9.970000e+863.00000e+127.00000e+9

MOS 29 06:04:26.9:1.5, 47:00N:152:84E, h57km, mb4.3/4, Error ellipse: s-maj=18.0km s-min=9.5km az=65.7

SKHL 29 06:04:26.7:1.3, 46:89N:152:79E, h67km, 11km, mb4.6/3, mb4.3/1

IDC 29 06:04:31.3:2.9, 47:08N:152:64E, h80km, mb3.6/3, Mb1 3.6/10, mb1mx3.3/5.2, mbtmp3.7/10, MS2.3/2, Ms1 2.3/2, ms1mx2.2/2.4, Error ellipse: s-maj=41.4km s-min=18.9km az=160.0

ISC 29 06:04:27.7:1.0, 46:8N:0:1x153:00E:0:10, h56km, n43, c1614/44, mb3.7/8, 1C-3D, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KUR, PTGA, BDFB, etc.

ISCJB 29 06:10:35.6:0.6, 15:8N:0:1x46:7W:0:1, h10km, mb3.9/12, MS3.4/10, Error ellipse: s-maj=19.6km s-min=11.5km az=145.9

IDC 29 06:10:35.9:0.7, 15:77N:46:67W, h0km, mb4.0/10, mb1 4.2/13, mb1mx3.9/39, mbtmp4.0/13, ML4.1/1, MS3.4/10, Ms1 3.4/10, ms1mx3.1/4.0, Error ellipse: s-maj=26.6km s-min=15.9km az=142.0

ISC 29 06:10:37.4:0.7, 15:8N:0:1x46:7W:0:1, h10km, n20, c0641/13, mb4.0/12, MS3.3/10, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like HOSS1, SJG, PTGA, etc.

ISCJB 29 06:37:43.8:0.2, 55:80S:0:05-26:93W:0:07, h10km, mb5.3/57, MS5.0/26, Error ellipse: s-maj=6.8km s-min=5.1km az=20.3

IDC 29 06:37:46.7:1.8, 55:78S:26:88W, h19km, mb5.0/26, Ms1 5.0/27, mb1mx5.0/31, mbtmp5.1/27, ML4.2/1, MS4.9/19, Ms1 4.9/19, ms1mx4.9/19, Error ellipse: s-maj=12.7km s-min=9.9km az=34.0

GCMT 29 06:37:48.0:1.5, 55:87S:26:66W, h26km, MW5.5/113, Moment Tensor: s90, c153; s113, c196; Duration: 194 Moment tensor: Scale 10^17Nm

Mri1: 766.0; Mri2: 46.0; Mri3: 388.0; Mri4: 1.38e-03; Mri5: 0.27e-07; Mri6: 1.21e-02; Mri7: 1.02e-01; Best double couple: M2: 43900x10^17, NP1=341.00000e+863.00000e+1106.00000e+9 NP2=129.00000e+831.00000e+161.00000e+9

NEIC 29 06:37:48.9:0.2, 55:80S:26:99W, h35km, mb5.4/24 Error ellipse: s-maj=7.6km s-min=5.6km az=207.0

MOS 29 06:37:49.3:1.1, 55:93S:26:65W, h43km, mb5.6/23, MS4.8/9, Error ellipse: s-maj=21.9km s-min=11.1km az=97.0

AWI 29 06:37:54.0, 55:80S:26:99W, h32km, mb5.0/26, MS4.8/9, Error ellipse: s-maj=21.9km s-min=11.1km az=97.0, Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like HOPE, etc.

29d 6h

Table with columns for station name, frequency, power, and other technical details. Includes stations like HOPE, VNA1, VNA2, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like CRZF, H10S1, H10S2, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like KEST, ESDC, ESDC, etc.

WHTX	Lake Whitney	73.79	7	P	P	06 55 02.6 +0.1
WHTX	Lake Whitney	73.79	7	eP	P	06 55 02.6 +0.1
NATX	Nacogdoches	73.86	9	eP	P	06 55 02.7 -0.1
NATX	Nacogdoches	73.86	9	eP	P	06 55 15.6 -2.7
236A	Katherine and Washetta, Mont	73.89	8	P	P	06 55 03.9 +0.8
237A	Washetta, Mont	73.97	8	P	P	06 55 04.2 +0.7
121A	Cookes Peak, D	74.03	358	P	P	06 55 04.7 +0.6
121A	Cookes Peak, D	74.03	358	eP	P	06 55 05.1 +1.0
238A	Jacksonville	74.04	9	P	P	06 55 04.8 +0.9
128A	Castleberry Fa	74.12	2	P	P	06 55 05.0 +0.4
239A	Gary	74.13	9	P	P	06 55 05.0 +0.5
130A	Snyder	74.16	4	P	P	06 55 05.0 +0.3
ABTX	Abilene, Hawle	74.26	5	P	P	06 55 05.5 +0.3
ABTX	Abilene, Hawle	74.26	5	eP	P	06 55 05.2 0.0
131A	Roly	74.26	4	P	P	06 55 05.6 +0.3
133A	Hamilton Ranch	74.29	5	P	P	06 55 05.5 +0.1
134A	White-Moore Ra	74.32	6	P	P	06 55 06.0 +0.5
135A	Vickers Place,	74.36	7	P	P	06 55 06.0 +0.2
136A	Ennis	74.36	8	P	P	06 55 06.1 +0.4
137A	Heron Place, G	74.56	8	P	P	06 55 07.9 +1.0
138A	Matatall Enter	74.70	9	P	P	06 55 08.7 +0.9
229A	Hungry Hill Ra	74.79	3	P	P	06 55 08.6 +0.2
228A	Tucker Farm, M	74.79	2	P	P	06 55 08.9 +0.5
139A	Gunkhouse Ranc	74.80	9	P	P	06 55 10.3 +2.0
230A	Sanderson Ranch	74.84	3	P	P	06 55 09.1 +0.4
BAR	Barrett	74.90	350	eP	P	06 55 09.5 +0.5
VBMS	Vicksburg	74.90	13	P	P	06 55 10.0 +1.1
VBMS	Vicksburg	74.90	13	eP	P	06 55 09.5 +0.6
231A	Sharp Cattle R	74.92	4	P	P	06 57 57.7 +0.7
232A	Haskett	74.95	5	P	P	06 55 09.6 +0.6
233A	Whitaker Ranch	74.97	6	P	P	06 55 09.5 +0.3
GLA	Glamis	75.05	352	P	P	06 55 10.7 +0.5
MONP	Monument Peak	75.07	350	P	P	06 55 10.7 +0.5
234A	Collier Ranch,	75.12	6	P	P	06 55 10.8 +0.6
235A	Perchaven, San	75.14	7	P	P	06 55 10.5 +0.2
236A	Blue Ridge	75.16	8	P	P	06 55 11.0 +0.7
109C	Camp Elliot, M	75.16	350	P	P	06 55 11.2 +0.8
237A	Pogue Cattle C	75.17	8	P	P	06 55 11.4 +1.0
238A	Mt. Pleasant	75.29	9	P	P	06 55 11.7 +0.6
239A	Irene McRaven,	75.38	9	P	P	06 55 12.7 +1.0
Y29A	Porterfield Fa	75.39	3	P	P	06 55 12.2 +0.4
Y28A	McKinney Farm,	75.41	2	P	P	06 55 12.5 +0.5
MSTX	Muleshoe	75.46	2	P	P	06 55 12.6 +0.3
MSTX	Muleshoe	75.46	2	eP	P	06 55 12.3 +0.1
Y31A	Rekieta Farm,	75.55	4	P	P	06 55 13.6 +0.9
LENM	Lemitar	75.64	358	eP	P	06 55 13.2 -0.2
Y32A	R-V Farms, Ver	75.64	5	P	P	06 55 13.5 +0.3
Y33A	Hilltop Ranch,	75.70	6	P	P	06 55 13.7 +0.2
Y12C	Blythe	75.70	352	P	P	06 55 14.6 +1.1
BC3	Big Chuckawall	75.71	351	P	P	06 55 14.6 +0.9
Y34A	Reagan Ranch,	75.72	6	P	P	06 55 13.8 +0.2
Y35A	Marietta	75.73	7	P	P	06 55 13.9 +0.2
PFO	Pinyon Flat Ob	75.79	350	eP	P	06 55 14.6 +0.4
PFO	Pinyon Flat Ob	75.79	350	P	P	06 55 15.3 +1.1
PFO	Pinyon Flat Ob	75.79	350	eP	P	06 55 14.6 +0.4
Y36A	Durant	75.80	8	P	P	06 55 14.8 +0.8
MURC	Murrieta	75.88	350	P	P	06 55 15.6 +1.0
LAZ	Ladron	75.88	358	eP	P	06 55 13.5 -1.3
Y37A	Hugo	75.94	8	P	P	06 55 15.5 +0.7
X29A	Tulia	75.97	3	P	P	06 55 15.6 +0.4
Y38A	Idabel	75.99	9	P	P	06 55 16.0 +0.8
X30A	Coker Ranch, T	76.00	4	P	P	06 55 15.9 +0.6
X28A	Dimmitt	76.02	2	P	P	06 55 16.1 +0.6
X32A	Elmer	76.07	5	P	P	06 55 16.0 +0.4
BELC	Belle Mtn. Jos	76.12	351	P	P	06 55 17.0 +1.0
IRM	Iron Mountain	76.18	351	P	P	06 55 17.4 +1.1
PDMCI	Parker Dam,Lak	76.21	352	P	P	06 55 17.4 +1.0
X31A	McDonald Ranch	76.23	4	P	P	06 55 17.0 +0.4
X33A	Lawton	76.24	6	P	P	06 55 16.7 +0.1
X34A	Smith Ranch, M	76.35	6	P	P	06 55 17.8 +0.6
AMTX	Amarillo	76.41	3	P	P	06 55 18.3 +0.7
ANMO	Albuquerque	76.41	359f	eP	P	06 55 17.6 -0.2
ANMO	Albuquerque	76.41	359	eP	P	06 55 18.2 +0.4
WMOK	Wichita WmOK	76.42	5	eP	P	06 55 17.4 -0.2
WMOK	Wichita WmOK	76.42	5	eP	P	06 55 17.4 -0.2
X36A	Centrahoma	76.45	7	P	P	06 55 18.1 +0.3
BFSC	Mount Baldy Ra	76.57	349	P	P	06 55 18.7 +0.1
X37A	Clayton	76.57	8	P	P	06 55 18.6 +0.1
W29A	Amrillo	76.64	3	P	P	06 55 19.2 +0.2
BLG	Laguna Peak	76.64	348	P	P	06 55 19.7 +0.8
MIAR	Mount Ida	76.74	10	eP	P	06 55 19.2 -0.2
MIAR	Mount Ida	76.74	10	P	P	06 55 19.4 +0.1
MIAR	Mount Ida	76.74	10	eP	P	06 55 19.2 -0.2

W32A	Sentinel	76.77	5	P	P	06 55 20.0 +0.4
GMRC	Granite Mounta	76.85	351	P	P	06 55 21.0 +0.9
W33A	Caddo, Fort Co	76.85	6	P	P	06 55 21.0 +1.0
HEC	Hector,Ludlow	76.98	351	P	P	06 55 22.2 +1.4
W35A	Tecumseh	76.98	7	P	P	06 55 20.8 0.0
W34A	Bridge Creek,	76.99	6	P	P	06 55 21.7 +0.9
W34A	Bridge Creek,	76.99	6	eP	P	06 55 21.6 +0.8
W36A	Wetumka	77.03	7	P	P	06 55 20.7 -0.3
UALR	University of	77.13	11	eP	P	06 55 21.9 +0.3
W38A	Poteau	77.14	9	P	P	06 55 22.0 +0.4
WUAZ	Wupatki	77.18	355	P	P	06 55 23.0 +0.8
V27A	Dan Oppiter Fa	77.24	2	P	P	06 55 23.5 +1.1
EDWZ	Edwards Air Fo	77.24	349	P	P	06 55 23.4 +1.1
V28A	Channing	77.25	2	P	P	06 55 23.3 +0.9
V32A	Arapaho	77.38	5	P	P	06 55 24.3 +1.3
V31A	Spring Creek L	77.38	4	P	P	06 55 24.1 +1.0
V29A	Stinnett	77.40	3	P	P	06 55 24.5 +1.3
GSC	Goldstone	77.50	350	eP	P	06 55 24.5 +0.7
GSC	Goldstone	77.50	350	P	P	06 55 24.7 +0.9
GSC	Goldstone	77.50	350	eP	P	06 55 24.4 +0.7
PKM	Peak Mountain	77.53	348	P	P	06 55 25.0 +0.9
V35A	Meyer Ranch, C	77.59	7	P	P	06 55 25.7 +1.5
V34A	Guthrie	77.60	6	P	P	06 55 24.7 +0.4
V34A	Guthrie	77.60	6	eP	P	06 55 24.3 +0.1
ARVC	Arvin	77.61	349	P	P	06 55 25.1 +0.9
V36A	Jenks	77.70	8	P	P	06 55 25.1 +0.3
TUL1	Tulsa	77.83	8	eP	P	06 55 25.9 +0.4
TUL1	Tulsa	77.83	8	eP	P	06 55 25.4 -0.1
V37A	Hulbert	77.88	8	P	P	06 55 26.2 +0.5
U27A	Thompson Grove	77.90	2	P	P	06 55 26.3 +0.2
V38A	Canell	77.94	9	P	P	06 55 26.4 +0.3
U32A	Winter Ranch,	78.03	5	P	P	06 55 27.6 +1.0
ISA	Isabella	78.08	349	eP	P	06 55 27.7 +0.7
ISA	Isabella	78.08	349	P	P	06 55 27.9 +0.9
ISA	Isabella	78.08	349	eP	P	06 55 27.6 +0.7
U30A	WK&E Inc. Balk	78.09	4	P	P	06 55 27.7 +0.7
HBAR	Harrisburg	78.14	12	eP	P	06 55 27.8 +0.6
U34A	Anderson Ranch	78.20	6	P	P	06 55 27.9 +0.3
U35A	Pawnee	78.20	7	P	P	06 55 28.5 +0.9
U36A	Oologah	78.32	8	P	P	06 55 29.0 +0.8
MPMC	Manual Prospec	78.34	350	P	P	06 55 29.3 +0.8
YES	Vestal, Richgr	78.35	348	P	P	06 55 28.6 +0.2
U37A	Salina	78.40	8	P	P	06 55 28.9 +0.2
SHPR	Sheep Range	78.50	352	eP	P	06 55 29.6 +0.2
U38A	Greave	78.51	9	P	P	06 55 29.4 +0.2
T27A	Campo	78.54	2	P	P	06 55 30.3 +0.7
DAC	Darwin (Calif)	78.56	350	eP	P	06 55 30.5 +0.7
DAC	Darwin (Calif)	78.56	350	P	P	06 55 30.4 +0.7
T25A	Trinidad	78.59	1	P	P	06 55 31.0 +1.0
T25A	Trinidad	78.59	1	eP	P	06 55 30.6 +0.6
T30A	Plains	78.62	4	P	P	06 55 31.5 +1.6
T26A	Comanche Natio	78.64	1	P	P	06 55 32.1 +1.1
GNAR	Gosnell	78.65	12	eP	P	06 55 30.4 +0.5
FURC	Furnace Creek,	78.66	350	P	P	06 55 31.5 +1.5
T31A	Randall Ranch,	78.71	4	P	P	06 55 31.5 +1.1
MVCO	Mesa Verde	78.72	357	P	P	06 55 31.3 +0.6
MVCO	Mesa Verde	78.72	357	eP	P	06 55 31.0 +0.3
T35A	Sooner Cattle	78.76	7	P	P	06 55 31.5 +0.9
T37A	Patterson Ranc	78.78	6	P	P	06 55 32.5 +1.8
T34A	McClaskey Farm	78.81	6	P	P	06 55 31.6 +0.7
RCTO	Rector, Farmer	78.83	348	P	P	06 55 31.9 +0.9
T32A	Huddler Ranch,	78.83	5	P	P	06 55 32.2 +1.1
JSC	Jenkinsville	78.85	20	P	P	06 55 31.1 0.0
JSC	Jenkinsville	78.85	20	eP	P	06 55 31.1 0.0
T36A	Boggs Farm, Ca	78.97	8	P	P	06 55 32.7 +0.9
TPNV	Topopah Spring	79.06	351	eP	P	06 55 32.9 +0.4
TPNV	Topopah Spring	79.06	351	P	P	06 55 33.4 +0.9
TPNV	Topopah Spring	79.06	351	eP	P	06 55 32.9 +0.4
S26A	Kim	79.09	1	P	P	06 55 33.4 +0.9
S28A	Manter	79.09	3	P	P	06 55 33.3 +0.7
T37A	Cheneville 18	79.13	8	P	P	06 55 33.0 +0.4
WVT	Waverly	79.18	14	eP	P	06 55 32.4 -0.6
WVT	Waverly	79.18	14	eP	P	06 55 32.4 -0.6
CPCT	Cooper Cave	79.19	17	eP	P	06 55 33.2 +0.2
SDCO	Great Sand Dun	79.20	360	P	P	06 55 33.9 +0.6
SDCO	Great Sand Dun	79.20	360	eP	P	06 55 33.7 +0.3
UTMT	University of	79.21	13	eP	P	06 55 33.5 +0.4
S22A	4UR Ranch, Cre	79.21	359	P	P	06 55 34.2 +0.8
S22A	4UR Ranch, Cre	79.21	359	eP	P	06 55 34.0 +0.6
GRAC	Grapevine Rang	79.25	350	P	P	06 55 34.6 +1.2
S32A	Newby Ranch, P	79.35	5	P	P	06 55 34.8 +1.0
PARMO	Parma	79.37	13	eP	P	06 55 34.3 +0.3
PBMO	Poplar Bluff	79.38	12	eP	P	06 55 34.3 +0.3
S34A	Willow Spring	79.49	6	P	P	06 55 35.4 +0.8

S35A	Otter Creek Ra	79.54	7	P	P	06 55 35.7 +0.8
KMSC	Kings Mountain	79.64	20	P	P	06 55 35.5 0.0
KMSC	Kings Mountain	79.64	20	eP	P	06 55 35.0 -0.5
S36A	Lake Cedric, C	79.65	8	P	P	06 55 35.7 +0.3
R27A	Eads	79.76	2	P	P	06 55 36.7 +0.5
R26A	Arlington	79.77	1	P	P	06 55 37.5 +1.3
S37A	Fort Scott	79.77	8	P	P	06 55 36.7 +0.6
R28A	Tribune	79.85	3	P	P	06 55 37.8 +1.1
R30A	Dighton	79.86	4	P	P	06 55 37.5 +0.9
R31A	Sturdett	79.90	4	P	P	06 55 38.5 +1.6
R33A	Olander Ranch,	80.02	6	P	P	06 55 38.7 +1.2
MLAC	Mammoth Lakes	80.06	349	P	P	06 55 39.3 +1.3
R34A	Isabella, Hill	80.07	6	P	P	06 55 38.6 +0.8
R32A	Long Quarter,	80.08	5	P	P	06 55 38.6 +0.7
R35A	Emporia Munici	80.19	7	P	P	06 55 39.3 +0.9
MSU	Marysville					

29d 6h

Table with columns: Station ID, Name, Frequency, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like BNM Battle Mountain, ELK Elko, PHWY Pilot Hill, etc.

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Table with columns: Station ID, Name, Frequency, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like I19A Meeteetse, I27A Quinn, RSSD Black Hills, etc.

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Table with columns: Station ID, Name, Frequency, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like H01W1 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Kunming, Obninsk, Moscow, Chengdu, Lanzhou, etc.

CSEM 29 07:00:35.0, 42.52N, 13.16E, h6km, MD2, 1/2
ROM 29 07:00:35.0, 42.52N, 13.16E, h6km, MD2, 1/2,
M12,0/3,C, Error ellipse: s-maj=1.6km s-min=1.4km
az=93.0, Central Italy

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SAN MARTINO, Madonna delle, Montasola, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CAVI, AVDT, GOLA, etc.

IDC 29 07:20:00.7, 2.3, 3.24N, 125.33E, h0km, mb3.6/3,
mb1 3.8/3, mb1mx3.4/3, mbtmp3.6/3, Error ellipse:
s-maj=258.5km s-min=25.4km az=65.0, Talaud Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA, ASAR, MKAR, etc.

IDC 29 07:22:58.3, 1.0, 24.66N, 127.92E, h0km, mb3.9/9,
mb1 4.0/10, mb1mx3.7/42, mbtmp3.9/10, ML3.0/2, MS3.5/2,
Ms1 3.6/2, ms1mx2.9/42, Error ellipse: s-maj=43.9km
s-min=1.4km az=76.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JTT2, JNTH, JKE, etc.

JMA 29 07:22:59.7, 2.9, 24.74N, 0.06, 127.85E, h0km, M3.9,
ISC 29 07:22:59.7, 2.9, 24.74N, 0.06, 127.85E, 0.06, h1km, 17km,
n34, r148/50, mb3.8/9, Southeast of Ryukyu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JTT2, JNTH, JKE, etc.

DJA 29 07:32:21.1, 1.4, 9.5S, 10.12E, h10km, M4.1/3, mb4.0/1,
ML4.1/3
IDC 29 07:32:22.5, 1.7, 9.63S, 124.87E, h0km, mb3.4/1,
mb1 3.7/4, mb1mx3.4/40, mbtmp3.6/4, ML3.5/3, Error
ellipse: s-maj=26.7km s-min=25.9km az=141.0

ISC 29 07:32:23.2, 1.4, 9.75S, 0.1, 124.89E, 0.06, h10km, n12,
c2903/15, Timor region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SOEI, BATI, MTN, etc.

SJA 29 07:36:07.3, 1.3, 33.54S, 73.28W, h51km, 26km, ML3.2,
MW3.5
GUC 29 07:36:16.1, 0.5, 33.84S, 72.07W, h27km, 9km, ML3.4
ISC 29 07:36:14.4, 2.1, 33.87S, 0.04, 72.05W, 0.08, h3km, 14km,
n19, r122/31, 4C-5D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like IHA, TACH, ANTU, etc.

IDC 29 07:39:49.1, 1.4, 7.02S, 150.59E, h0km, mb4.0/8,
mb1 4.2/9, mb1mx3.8/46, mbtmp4.1/9, ML1.9/1, MS3.7/1,
Ms1 3.7/1, ms1mx2.8/27, Error ellipse: s-maj=47.3km
s-min=17.3km az=112.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TALC, TASC, AUSP, etc.

ISC 29 07:39:47.2, 1.0, 7.05S, 150.5E, 0.2, h26km, mb3.9/7,
MS3.5/1, Error ellipse: s-maj=27.0km s-min=9.2km
az=32.8

NEIC 29 07:39:50.3, 0.9, 7.03S, 150.52E, h35km, mb4.0/1, Error
ellipse: s-maj=28.7km s-min=9.6km az=114.0

ISC 29 07:39:49.1, 1.3, 7.05S, 0.2, 150.5E, 0.2, h26km, n13,
c075/13, mb3.9/7, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMG, PMJ, SRJ, etc.

ISC 29 07:41:01.3, 5.3, 26.18N, 90.78E, h0km, mb3.4/4,
mb1 3.6/4, mb1mx3.2/64, mbtmp3.4/4, Error ellipse:
s-maj=389.4km s-min=22.6km az=62.0, Northeastern
India

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SHL, MKAR, etc.

IDC 29 07:43:59.8, 3.2, 38.17S, 74.79W, h0km, mb3.8/2,
mb1 4.1/5, mb1mx3.7/26, mbtmp3.9/5, ML4.1/3, MS3.0/1,
Ms1 3.0/1, ms1mx2.5/18, Error ellipse: s-maj=73.1km
s-min=39.0km az=159.0

GUC 29 07:44:00.4, 0.6, 38.13S, 75.07W, h28km, 8km, ML4.0
ISC 29 07:44:03.0, 0.8, 38.10S, 0.08, 74.7W, 0.1, h33km, mb4.2/5,
MS2.9/1, Error ellipse: s-maj=14.7km s-min=7.7km
az=38.7

NEIC 29 07:44:06.3, 1.1, 37.94S, 74.75W, h35km, mb4.1/2, Error

ISK 29 07:02:46.7, 40.14N, 29.89E, h13km, MD2.7

AUST 29 07:32:16.9, 9.00S, 124.01E, h100km
ISC 29 07:32:21.8, 1.2, 9.6S, 0.1, 124.96E, 0.05, h10km, mb3.4/1,
Error ellipse: s-maj=16.4km s-min=6.8km az=3.9

29d 10h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GGN, Saint George, Lake Ozonia, Boischatel, Saint Jean, Saint Roch-des, Alfred, Misere, La Malbaie, Sainte Mathild, Saint Simeon, Lac Daran, Caledonia Moun, Grand Remous, Bathurst New B, Bathurst New B.

DDA 29:09:55.0, 39:89N, 29:19E, h7km, MD2.7
CSEM 29:09:55.8, 0.1, 39:91N, 29:18E, h2km, MD2.8, Error ellipse: s-maj=1.7km s-min=1.5km az=154.0
ISK 29:09:55.9, 39:93N, 29:14E, h6km, MD2.8
ISC 29:09:55.7, 1.0, 39:90N, 0:02, 29:17E, 0:02, h6km, 10km, n65, c954/82, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Uludag, Orhaneli, Iznik, Dursunbey, Cavusky, Dursunbey, Abduvahap, Armutlu, Karacabey, Gediz, Demirci, Eskisehir, Balikesir, Edincik, Gulveren, Bogazkoy, Kiyros, Kilyos, Eskepyehy, Marmara Adasi, Kestanelik, Kula-Manisa, Akhisar, Manisa, Karahalli, Taskeski, Mudurnu, Vali, Mihalick.

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Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SVRH, SJA, Cerro Villicon, Cerro Valdivia, Leoncito, Valle Fertil, Uspallata, Salagasta, CERRRO ARCO, GUANDACOL, Agrelo, PUNTA DE LOS L, Vinchina, DZET, SFK, MNAS, KK31, AAK, AB31, AKTO, ETKA, GCHC, GSMY, GSTD, GSTR, ADAG, KIRH, KIKV, KICM, TAPA, TAPL, TAFP, GANE, CEWS, AMKA, LSPA, LSNW, LSSA, OKRO, OKRO, OKTU, UNV, UNV, AKRA, SAPL, AKGG, DTI, DTNA, KDAD, Eielson Array, Urewera, Lajitas Array, Schocheville, ASAR, URZ, STKA.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H01W1, H01W2, H01W3, ASAR, WRA, IDC, AUST, ISCJB, DJA, GCMT, RPKPI, SIJI, SWI, FAKI, BAKI, MSAI, BNDI, LBMI, TNTI, SMPI, NLAN, SANI, PALU, JAY, KMSI, LUWI, LUYU, DAV, KDI, MRSI, APSI, KDU, MTN, SOEI, SOEI, MPMI, TTST, BATI, BATI, SPSI, BKSI, KAPI, KAPI, MLYDM, TSKM, PMG, PMG, SDKM, COEN, KBKI, KKM, GUMO, BBKI, FITZ, FITZ, FITZ.

29d 14h

Table with columns: VRI, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Vrincoia, Gorjuse, Kecov, etc.

JMA 29 14:20:23.5:0.1, 22.84N:120.58E, h10km, 4km, M3.5
TAP 29 14:20:24.6: 22.87N:120.66E, h17km, ML3.3, B
ISCJB 29 14:20:25.4:0.3, 22.84N:120.65E:0.02, h24km, 3km,
Error ellipse: s-maj=3.7km s-min=2.7km az=159.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Sandimen, Jiouru, Shoushan, etc.

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Table with columns: TWP, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Hsialiuichu, Alishan, Yushan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Sandimen, Jiouru, Shoushan, etc.

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IDC 29 14:26:21.2:2.15:37S:173.80W, h0km, mb3.6/4,
mb1.0/4, mb1mx3.7/24, mbtmp3.6/4, MS3.1/6, Ms1.3.1/6,
m1.0x2.9/22, Error ellipse: s-maj=169.7km
s-min=24.9km az=154.0, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Afiamalu, Rarotonga, Papaete, etc.

DDA 29 14:42:38.9:39.39N:38.35E, h7km, MD2.7
ISK 29 14:42:38.2:39.48N:38.51E, h5km, MD2.9
ISCJB 29 14:42:39.0:0.7, 39.42N:0.03:38.45E:0.06, h1km, 7km,
Error ellipse: s-maj=8.2km s-min=4.8km az=165.0
CSEM 29 14:42:39.0:0.7, 39.38N:38.34E, h5km, MD2.7, Error
ellipse: s-maj=16.4km s-min=7.7km az=74.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Kema, Susehri, Erzincan, etc.

TIR 29 14:53:17.5:40.96N:20.81E, h19km, ML2.8
CSEM 29 14:53:19.1:0.6, 40.50N:21.82E, h10km, MD3.0, Error
ellipse: s-maj=17.9km s-min=6.0km az=126.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Kozani, Kokani, Klokotos Trika, etc.

THE 29 14:53:46.3:39.95N:19.41E, h9km, 2km, ML2.3/3, Error
ellipse: s-maj=4.3km s-min=0.9km az=241.0
CSEM 29 14:53:48.0:0.7, 40.05N:19.60E, h2km, ML2.3, Error
ellipse: s-maj=22.6km s-min=6.6km az=59.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Vlora, Sarande, Serrai, etc.

ATH 29 14:53:45.8:40.06N:19.43E, h5km, MD3.0/6, Albania
ISCJB 29 14:54:12.6:0.9, 32.62N:0.1:15.03E:0.09, h10km, mb3.7/7,
MS2.6/4, Error ellipse: s-maj=16.2km s-min=10.8km
az=178.9
IDC 29 14:54:12.7:1.1, 32.58N:15.06E, h0km, mb3.7/8,
mb1.3.6/13, mb1mx3.6/33, mbtmp3.6/13, ML3.4/5, MS2.6/6,

Table with columns: ULM, TKL, DLBC, ILAR, comp, E, 1.33nm, 20.0s, slow=38, Lac du Bonnet, 23.08 33 LR, 16 07 44.5, etc.

ISCJB 29 16:03:12.0.0.5, 37.98N:0.23.560E:0.05, h10km, Error ellipse: s-maj=5.5km s-min=5.0km az=160.7, ISK 29 16:03:11.6.0.2, 37.96N:35.61E, h9km, MD2.8, CSEM 29 16:03:11.6.0.2, 37.99N:35.61E, h2km, MD2.8, Error ellipse: s-maj=5.5km s-min=5.1km az=79.0, DDA 29 16:03:12.3.37.99N:35.64E, h3km, MD2.7, ISK 29 16:03:11.4.0.9, 38.00N:0.03.3561E:0.03, h10km, n29, n041/35, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, KOZT, Kozan, 0.55 162 ePg, 16 03 22.0 -0.1, etc.

MEX 29 16:42:58.0.0.8, 13.88N:92.40W, h11km, 189km, MD4.0, Off coast of Chiapas, Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, PCIG, Comitan, 1.98 337 eP, 17 03 28.0 -3.6, etc.

DDA 29 16:51:59.9, 39.90N:42.55E, h5km, MD2.7, ISK 29 16:52:00.9, 39.92N:42.66E, h8km, MD2.8, CSEM 29 16:52:00.5.0.2, 39.88N:42.55E, h2km, MD2.7, Error ellipse: s-maj=5.2km s-min=3.6km az=60.0, ISK 29 16:52:00.4.0.9, 39.88N:0.02.4254E:0.03, h3km, 6km, n25, n080/38, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, EATA, Eleskirt, 0.04 245 iP, 16 52 01.4 -0.1, etc.

ISCJB 29 16:55:53.5.2.2, 17.34S:167.71E, h0km, mb3.8/7, mb1 3.9/8, mb1mx3.8/20, mbtmp3.8/8, ML3.5/1, Error ellipse: s-maj=58.9km s-min=25.6km az=113.0, ISK 29 16:55:56.1.1.3, 17.56S:0.07.167.7E:0.2, h27km, mb3.8/9, Error ellipse: s-maj=31.9km s-min=10.2km az=1.8, NEIC 29 16:55:58.4.1.0, 17.47S:167.77E, h35km, mb4.4/2, Error ellipse: s-maj=26.4km s-min=13.8km az=95.0, ISK 29 16:55:57.1.1.3, 17.53S:0.08.167.8E:0.3, h27km, n15, n094/19, mb3.9/2D, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, DZM, Mont Dzumac, 4.69 195 eP, 16 57 06.7 +0.4, etc.

FETA Feichten 145.03 332 i/PKPDF PKPDF 17 15 31.9 -0.3, DAVA Damuels 145.20 333 i/PKPDF PKPDF 17 15 32.2 -0.3, DAVOX Davos/Dischmet 145.59 333 PKPbc PKPbc 17 15 33.0 -0.7

SJA 29 17:03:58.7.0.9, 34.33S:73.45W, h33km, ML3.7, MW3.6, IDC 29 17:03:58.3.1.1, 34.32S:73.28W, h0km, mb4.0/3, mb1 4.0/5, mb1mx3.9/15, mbtmp3.9/5, ML3.6/2, MS3.0/5, MS1 3.0/5, ms1mx2.8/17, Error ellipse: s-maj=34.6km s-min=25.4km az=112.0, RCDM 29 17:04:00.3.1.4, 34.29S:0.03.73.35W:0.05, h25km, 12km, mb4.0/4, MS3.2/2, Error ellipse: s-maj=7.5km s-min=4.8km az=22.5, GUC 29 17:04:01.2.0.5, 34.28S:73.31W, h34km, ML4.1, NEIC 29 17:04:03.1.0.8, 34.31S:73.20W, h35km, mb4.1/1, Error ellipse: s-maj=16.7km s-min=11.4km az=93.0, ISK 29 17:04:01.9.1.0, 34.36S:0.05.73.26W:0.10, h21km, 7km, n45, n1927/55, mb4.2/4, 1C-7D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, U65B, Hualae0, 1.35 117 ePn, 17 04 40.2 +0.2, etc.

PEL Peidehue 2.47 61 i/P, 17 04 40.7 -0.2, U14B Concepcion 2.49 177 ePn, 17 04 40.0 -1.2, U14B Uspallata 3.88 58 ePn, 17 05 02.0 +1.3, AMOG Mogna 5.28 51 ePn, 17 05 19.0 +0.3, AMOG Cantantal 5.49 69 i/P, 17 05 12.9 -1.0, LCO Las Campanas 5.76 23 ePn, 17 05 22.5 -4.0, AVFE Valle Fertil 6.14 55 ePn, 17 05 31.6 +0.2, AVFE GUAHANDACOL 6.33 41 ePn, 17 05 34.5 +0.5, AVFE Chepes 6.41 62 ePn, 17 06 44.7 -3.1, MRA San Martin 6.60 75 ePn, 17 05 38.1 +0.3, APLL PUNTA DE LOS L 6.93 57 i/P, 17 05 41.3 -1.0, VCA Vinchina 7.08 39 ePn, 17 05 44.2 -0.2, ACL CERRO LA CRUZ 7.28 49 ePn, 17 05 42.5 -0.7, TCA Tanti 7.89 70 i/P, 17 05 54.1 -1.4, CYA Choya 8.69 49 ePn, 17 06 02.6 -3.8, TRQA Torquiste 9.83 115 ePn, 17 06 21.8 -0.3, LVC Limon Verde 12.31 19 LR, 17 12 06.1, CPUP Villa Florida 15.90 64 LR, 17 14 26.0, LPAZ La Paz 18.58 16 Pn, 17 08 18.6 0.0, BDFB Brasilia 29.38 19 LR, 17 23 54.4, VNA2 Neumayer-Watz 50.67 157 P, 17 12 56.6 +1.8, SNA2 Sanae 51.63 158 P, 17 13 08.0 +1.5, SNA4 Sanae 51.63 158 eP, 17 13 06.5 0.0, GSPA South Pole Qui 55.87 180 P, 17 13 38.2 +0.4, TXAR Lajas Array 69.57 32 P, 17 15 08.9 -0.5, RAR Rarotonga 75.58 254 LR, 17 38 09.9, TORD Torodi Arr. Bees 85.27 17 P, 17 16 37.3 -0.3, ZALV Zalesovo Beam 150.57 32 PKPbc PKPbc, 17 24 01.1 +8.4, MKAR Makanchi Array 157.76 49 PKPbc PKPbc, 17 24 27.1 -2.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, ACHE, Chepes, 6.41 62 ePn, 17 06 44.7 -3.1, etc.

IDC 29 17:07:04.5.1.1, 57.13N:152.57W, h0km, mb3.8/10, mb1 3.8/12, mb1mx3.7/29, mbtmp3.7/12, ML3.4/2, Error ellipse: s-maj=26.1km s-min=12.7km az=102.0, ISK 29 17:07:10.6.0.3, 57.46N:0.03.152.70W:0.04, h50km, 4km, mb3.8/10, Error ellipse: s-maj=5.3km s-min=3.1km az=153.8, NEIC 29 17:07:13.2.57.51N:152.85W, h31km, ML3.4(AEIC), After ISC Fall at Kodiak, NEIC 29 17:07:11.6.0.9, 57.47N:0.05.152.75W:0.04, h35km, 1km, n107, n1923/122, mb3.8/10, Kodiak Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, KDAK, Kodiak Island, 0.32 16 P, 17 07 19.9 +0.2, etc.

Table with columns: IWE, ILLamna Volcan, 2.56 357 P, Pn, 17 07 51.5 -1.0, ILW, ILLamna West, 2.60 358 P, Pn, 17 07 52.1 +0.9, ILIM, ILLamna, 2.62 356 P, Pn, 17 07 52.4 +1.1, ANNE, Aniakhak North, 2.94 261 P, Pn, 17 07 56.1 +0.3, ANPK, Aniakhak Peak, 3.00 260 P, Pn, 17 07 56.9 +0.3, ANNS, Aniakhak South, 3.02 359 P, Pn, 17 07 57.0 +0.9, ANNW, Aniakhak West, 3.02 359 P, Pn, 17 07 57.8 +1.0, RDWB, Redoubt West, 3.02 359 P, Pn, 17 07 57.6 +0.6, AZAC, Aniakhak, 3.04 261 P, Pn, 17 07 58.1 +1.0, RDN, Redoubt North, 3.05 360 P, Pn, 17 07 58.5 +1.2, NCT, North Crescent, 3.10 358 P, Pn, 17 07 58.9 +0.8, DFR, Drift Reef, 3.13 32 P, Pn, 17 07 59.3 +0.9, SEW, Seward, 3.15 32 P, Pn, 17 07 58.9 +0.4, SLKM, Skikak Lake, 3.31 22 P, Pn, 17 08 01.4 +0.6, CHGN, Chignik, 3.32 252 ePn, Pn, 17 08 01.0 +0.1, CHGN, Chakachamna La, 3.74 3 eSn, Sn, 17 08 37.2 -1.9, VNNF, Veniamin3, 3.80 254 P, Pn, 17 08 09.2 +0.5, SPBG, Spurr Blockage, 3.80 3 P, Pn, 17 08 09.5 +1.3, BGL, Barrier Glacier, 3.81 3 P, Pn, 17 08 09.9 +1.8, VNNS, Veniamin8, 3.89 254 P, Pn, 17 08 09.1 +0.2, PTE, Portage, 3.98 28 P, Pn, 17 08 09.5 +0.6, SVAW, Sparrevohn, 3.92 39 P, Pn, 17 08 09.4 +0.9, FIB, Fire Island, 3.93 18 P, Pn, 17 08 10.6 +1.3, RCO1, Rabbit Creek A, 3.94 22 P, Pn, 17 08 10.1 +0.7, NCG, North Capps G, 3.96 4 P, Pn, 17 08 10.3 +0.6, STK, Strandline Lak, 4.07 6 P, Pn, 17 08 12.3 +1.1, PWL, Port Wells, 4.09 32 P, Pn, 17 08 12.2 +0.7, HIN, Hinbrook I, 4.37 3 P, Pn, 17 08 12.5 +0.9, GLJ, Glacier, 4.49 38 P, Pn, 17 08 17.6 +0.6, PMR, Palmer, 4.52 22 ePn, Sn, 17 08 17.3 -0.1, PMR, Port Fidalgo, 4.61 42 P, Pn, 17 08 17.8 +0.1, FID, Glacier Ski Ar, 4.75 47 P, Pn, 17 08 18.2 +0.2, JPK, Jack Peak, 4.78 39 P, Pn, 17 08 21.9 +0.9, SDPT, Sand Point, 4.79 247 P, Pn, 17 08 21.5 +0.4, SML, Sawmill, 4.82 25 P, Pn, 17 08 23.1 +0.6, GLZ, Valdez, 4.92 39 P, Pn, 17 08 24.2 +1.3, VGM, Sherman Glacier, 4.94 49 P, Pn, 17 08 24.8 +1.6, RAG, Ragged Mountai, 5.10 50 P, Pn, 17 08 25.4 +0.9, DIV, Divide, 5.12 41 P, Pn, 17 08 26.7 +1.1, SCM, Sheep Creek Mo, 5.16 30 P, Pn, 17 08 27.5 +1.1, KLU, Klutina, 5.32 38 P, Pn, 17 08 29.9 +1.4, PPLA, Purkeypile, 5.45 3 ePn, Pn, 17 08 32.9 +2.1, BMRB, Bremner River, 5.46 47 eSn, Pn, 17 08 30.9 -0.7, BERG, Berg Lake, 5.52 54 P, Pn, 17 08 32.9 +1.7, TTA1, Talatina, 5.69 345 P, Pn, 17 08 33.6 +0.2, DTNA, Dutton South F, 5.75 250 P, Pn, 17 08 34.8 +0.1, CRQM, Cirque, 5.94 52 P, Pn, 17 08 38.7 +1.6, TRF, Thorfare Moun, 6.12 10 ePn, Pn, 17 08 40.3 +0.8, KTH, Kantishna Hill, 6.17 8 eSn, Sn, 17 08 40.5 +0.5, KTH, Eielson Array, 6.22 55 P, Pn, 17 08 42.8 +1.9, WAW, Wrangell South, 6.22 41 P, Pn, 17 08 41.4 +0.4, GND, Glacier, 6.25 50 P, Pn, 17 08 41.2 +0.2, BAGL, Bagley Icefiel, 6.28 57 P, Pn, 17 08 43.7 +2.1, MCAR, McCarthy VSAT, 6.32 48 P, Pn, 17 08 43.1 +1.0, KIAG, Kiagna River, 6.36 53 P, Pn, 17 08 44.2 +1.5, BALM, Baldy, 6.42 52 P, Pn, 17 08 45.3 +1.8, MCK, McKinley Peak, 6.44 50 P, Pn, 17 08 45.6 +1.6, MCK, McKinley, 6.55 50 ePn, Pn, 17 08 45.5 +0.2, PAX, Paxson, 6.60 30 ePn, Pn, 17 08 46.5 +0.6, TABL, Table Mountain, 6.70 59 P, Pn, 17 08 48.8 +1.4, BPAW, Bear Paw Mtn, 6.71 9 ePn, Pn, 17 08 47.3 -0.1, BARN, Barnard Glacier, 6.72 53 P, Pn, 17 08 49.2 +1.4, CTGN, China Glacier, 6.82 54 P, Pn, 17 08 50.8 +1.7, LOGN, Logan Glacier, 6.91 56 P, Pn, 17 08 51.4 +1.1, MENT, Mentasta, 7.08 36 ePn, Pn, 17 08 54.8 +2.2, PNL, Peninsula, 7.32 67 P, Pn, 17 08 56.8 +1.0, COLA, College, 7.79 16 Pn, Pn, 17 09 01.0 -1.1, ILI, Eielson Array, 7.85 19 P, Pn, 17 09 03.8 +0.8, ILAR, Eielson Array, 7.85 19 Pn, 17 09 01.1 -1.9, ILAR, Eielson Array, 7.85 19 Sn, 17 10 26.2 -4.3, ILB, Eielson Array, 7.85 19 Sn, 17 09 02.4 -0.6, H02N1, VAN INLET T-TH, 12.23 102 Pn, 17 10 02.3 -0.8, H02N1, VAN INLET T-TH, 12.23 102 Pn, 17 12 13.8 -4.2, H02S1, DAWSON INLET T, 12.29 102 Pn, 17 10 03.3 -0.5, H02S1, DAWSON INLET T, 12.29 102 Sn, 17 12 15.1 -4.2, INK, Inuvik, 13.87 31 Pn, 17 10 25.5 +0.2, INK, Inuvik, 13.87 31 Sn, 17 12 15.1 -4.2, YKA, Yellowknife Ar, 19.51 59 P, 17 11 34.1 -1.2, YKA, Yellowknife Ar, 19.51 59 P, 17 11 34.1 -1.2, PETK, Petropavlovsk-28, 03 293 P, 17 12 57.3 -1.7, PETK, Petropavlovsk-28, 03 293 P, 17 12 57.3 -1.7, MJAR, Matushiro Arr, 49.12 276 P, 17 15 54.8 -0.5, MJAR, Matushiro Arr, 49.12 276 P, 17 15 54.8 -0.5, SONM, Songoing Array, 56.41 307 P, 17 16 50.2 +1.0, SONM, Songoing Array, 56.41 307 P, 17 16 50.2 +1.0, ZALV, Zalesovo Beam, 55.91 325 P, 17 17 10.4 -0.1, ZALV, Zalesovo Beam, 55.91 325 P, 17 17 10.4 -0.1, FINES, Finnes Array B, 61.42 1 P, 17 17 24.2 +0.7, FINES, Finnes Array B, 61.42 1 P, 17 17 24.2 +0.7, HFS, Hagfors, 62.25 8 P, 17 17 29.9 +0.8, HFS, Hagfors, 62.25 8 P, 17 17 29.9 +0.8, MKAR, Makanchi Array, 66.50 322 P, 17 17 57.2 0.0, MKAR, Makanchi Array, 66.50 322 P, 17 17 57.2 0.0, AKAS, Katmai Array Be, 72.19 359 P, 17 18 32.5 +0.3, AKAS, Katmai Array Be, 72.19 359 P, 17 18 32.5 +0.3, GERES, GERES Array B, 73.45 9 P, 17 18 41.0 +1.1, GERES, GERES Array B, 73.45 9 P, 17 18 41.0 +1.1, DAVOX, Davos/Dischmet, 75.11 12 P, 17 18 49.2 -0.5, DAVOX, Davos/Dischmet, 75.11 12 P, 17 18 49.2 -0.5

AUST 29 17:17:17.0.5.00N:127.51E, h100km, ISCJB 29 17:17:17.9.0.4, 4.81N:0.03.127.49E:0.04, h108km, mb4.0/14, Error ellipse: s-maj=6.1km s-min=4.5km az=163.4, NEIC 29 17:17:19.0.1.3, 4.80N:127.57E, h107km, mb4.3/11, Error ellipse: s-maj=25.8km s-min=8.3km az=72.0, DJA 29 17:17:20.3.1.0, 5.16N:177.17E, h10km, M4.7/7, mb5.0/6, mb5.0/6, MLV4.7/4, MLV4.8/7, MW(m)4.3/6, IDC 29 17:17:20.5.1.3, 4.83N:127.65E, h120km, 12km, mb3.8/13, mb1 3.9/15, mb1mx3.7/28, mbtmp3.7/15, MS2.6/1, MS1 2.8/1, ms1mx2.2/30, Error ellipse: s-maj=27.4km s-min=8.3km az=62.0, ISK 29 17:17:19.5.0.5, 4.77N:0.04.127.43E:0.06, h108km, n41, n167/52, mb4.0/14, 1C, Talaud Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, SGSI, Sangihe, 2.18 241 P, 17 17 52.5 -2.2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PALU Palau, APSI Ampana, MPSI Maspaon, etc.

AUST 29 17:22:26.3;99.0,24:34S;179.12E, h568km,6km, Error ellipse: s-maj=16.3km s-min=3.1km az=243.0

ISCJB 29 17:22:27.4;0.8,24:56S;0:09;178.78E;0.1, h568km, mb3.6/7, Error ellipse: s-maj=14.9km s-min=12.1km az=178.2

IGQ 29 18:08:47.1;2.1,22S;81.24W, h4km,4km, Mb4.1, 1C-2D, Error ellipse: s-maj=7.7km s-min=3.1km az=12.0, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ISPT Isla de la Pla, ISGT Isla de la Pla, CHIS Cerro-Chispas, etc.

CSEM 29 18:18:06.8;0.4,35:63N;36:19E, h8km, MD2.9, Error ellipse: s-maj=8.6km s-min=5.9km az=147.0

ISK 29 18:18:07.4,35:72N;36:26E, h15km, MD2.9, Error ellipse: s-maj=9.2km s-min=3.4km az=163.9

NSSC 29 18:18:09.4;1.6,35:72N;36:14E, h12km,7km, MD1.7, ML2.1

DDA 29 18:18:11.8,36:00N;36:32E, h6km, MD2.9, Error ellipse: s-maj=11.8km s-min=17.0km az=68.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRDH Waridheh, WRDH, WRDH, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RABUL Rabaul, PMG Port Moresby, PMG Port Moresby, etc.

IGQ 29 18:08:47.1;2.1,22S;81.24W, h4km,4km, Mb4.1, 1C-2D, Error ellipse: s-maj=7.7km s-min=3.1km az=12.0, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ISPT Isla de la Pla, ISGT Isla de la Pla, CHIS Cerro-Chispas, etc.

CSEM 29 18:18:06.8;0.4,35:63N;36:19E, h8km, MD2.9, Error ellipse: s-maj=8.6km s-min=5.9km az=147.0

ISK 29 18:18:07.4,35:72N;36:26E, h15km, MD2.9, Error ellipse: s-maj=9.2km s-min=3.4km az=163.9

NSSC 29 18:18:09.4;1.6,35:72N;36:14E, h12km,7km, MD1.7, ML2.1

DDA 29 18:18:11.8,36:00N;36:32E, h6km, MD2.9, Error ellipse: s-maj=11.8km s-min=17.0km az=68.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRDH Waridheh, WRDH, WRDH, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ROOS, ROOS, ROOS.

ISCJB 29 18:25:23.1;0.5,24:88N;0:03;122:33E;0:02, h4km,4km, Error ellipse: s-maj=5.8km s-min=2.7km az=8.5

JMA 29 18:25:23.6;0.1,24:80N;122:27E, h10km,3km, M2.3, Error ellipse: s-maj=5.8km s-min=2.7km az=8.5

TAP 29 18:25:23.1,24:90N;122:27E, h4km, ML2.7, Error ellipse: s-maj=5.8km s-min=2.7km az=8.5

ISC 29 18:25:23.2;1.1,24:87N;0:03;122:29E;0:02, h7km,10km, n3, n4, n5, n6, n7, n8, n9, n10, n11, n12, n13, n14, n15, n16, n17, n18, n19, n20, n21, n22, n23, n24, n25, n26, n27, n28, n29, n30, n31, n32, n33, n34, n35, n36, n37, n38, n39, n40, n41, n42, n43, n44, n45, n46, n47, n48, n49, n50, n51, n52, n53, n54, n55, n56, n57, n58, n59, n60, n61, n62, n63, n64, n65, n66, n67, n68, n69, n70, n71, n72, n73, n74, n75, n76, n77, n78, n79, n80, n81, n82, n83, n84, n85, n86, n87, n88, n89, n90, n91, n92, n93, n94, n95, n96, n97, n98, n99, n100

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TWP1 Santiao Chiao, TWP1, TWP1, etc.

ISCJB 29 18:25:23.1;0.5,24:88N;0:03;122:33E;0:02, h4km,4km, Error ellipse: s-maj=5.8km s-min=2.7km az=8.5

JMA 29 18:25:23.6;0.1,24:80N;122:27E, h10km,3km, M2.3, Error ellipse: s-maj=5.8km s-min=2.7km az=8.5

TAP 29 18:25:23.1,24:90N;122:27E, h4km, ML2.7, Error ellipse: s-maj=5.8km s-min=2.7km az=8.5

ISC 29 18:25:23.2;1.1,24:87N;0:03;122:29E;0:02, h7km,10km, n3, n4, n5, n6, n7, n8, n9, n10, n11, n12, n13, n14, n15, n16, n17, n18, n19, n20, n21, n22, n23, n24, n25, n26, n27, n28, n29, n30, n31, n32, n33, n34, n35, n36, n37, n38, n39, n40, n41, n42, n43, n44, n45, n46, n47, n48, n49, n50, n51, n52, n53, n54, n55, n56, n57, n58, n59, n60, n61, n62, n63, n64, n65, n66, n67, n68, n69, n70, n71, n72, n73, n74, n75, n76, n77, n78, n79, n80, n81, n82, n83, n84, n85, n86, n87, n88, n89, n90, n91, n92, n93, n94, n95, n96, n97, n98, n99, n100

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TWP1 Santiao Chiao, TWP1, TWP1, etc.

ISCJB 29 18:25:23.1;0.5,24:88N;0:03;122:33E;0:02, h4km,4km, Error ellipse: s-maj=5.8km s-min=2.7km az=8.5

JMA 29 18:25:23.6;0.1,24:80N;122:27E, h10km,3km, M2.3, Error ellipse: s-maj=5.8km s-min=2.7km az=8.5

TAP 29 18:25:23.1,24:90N;122:27E, h4km, ML2.7, Error ellipse: s-maj=5.8km s-min=2.7km az=8.5

ISC 29 18:25:23.2;1.1,24:87N;0:03;122:29E;0:02, h7km,10km, n3, n4, n5, n6, n7, n8, n9, n10, n11, n12, n13, n14, n15, n16, n17, n18, n19, n20, n21, n22, n23, n24, n25, n26, n27, n28, n29, n30, n31, n32, n33, n34, n35, n36, n37, n38, n39, n40, n41, n42, n43, n44, n45, n46, n47, n48, n49, n50, n51, n52, n53, n54, n55, n56, n57, n58, n59, n60, n61, n62, n63, n64, n65, n66, n67, n68, n69, n70, n71, n72, n73, n74, n75, n76, n77, n78, n79, n80, n81, n82, n83, n84, n85, n86, n87, n88, n89, n90, n91, n92, n93, n94, n95, n96, n97, n98, n99, n100

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DLH Dalhousie, DLH, DLH, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MTBL Makushin Table, ATKA Atka Island, GSTR Great Sitkin T, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NOA NORSAR Array B, NOA NORSAR Array B, AKASO Malin Array Be, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBX Cerro Bola, CBX Cerro Bola, BAR Barrett, etc.

IDC 29:20:46:58.0±2.7, 43.48N:146.77E, h0km, mb3.8/9, mb1 3.9/10, mb1mx3.6/43, mbtmp3.7/10, ML2.6/2, MS2.4/2, MS1 2.4/2, ms1mx2.1/33, Error ellipse: s-maj=70.3km s-min=21.3km az=109.0.

ISK 29:21:12:40.4, 38.54N:26.75E, h27km, MD2.7. ATH 29:21:12:40.8, 38.52N:26.61E, h33km, MD2.8/4. CSEM 29:21:12:41.1±0.2, 38.52N:26.68E, h20km, MD2.6, Error ellipse: s-maj=6.3km s-min=4.6km az=61.0.

MEX 29:21:41:14.3±1.2, 32.62N:115.05W, h15km, MD3.8. ISCJB 29:21:41:15.8±0.5, 32.27N:115.32W:0.04, h14km, 5km, Error ellipse: s-maj=5.7km s-min=4.7km az=165.8. ECX 29:21:41:17.0±0.5, 32.27N:115.35W, h8km, MD3.3, ML3.5. ISC 29:21:41:15.5±1.1, 32.28N:115.31W:0.04, h19km, 3km, n22, c0945/34, 4C-6D, California-Baja California border region

NIED 29:20:47:00.43±30M, 146.70E, h44km, Mw3.6. Best double couple: M3.3, 11000-1014, NP1±199, 00000°. 839, 00000°. 1.62, 00000°. NP2±5, 4.00000°. 856, 00000°. 1.11, 00000°. JMA 29:20:47:04.7±0.2, 43.33N:146.73E, h49km, 2km, M3.7. ISCJB 29:20:47:04.5±1.0, 43.42N:146.73E:0.19, h60km, 7km, mb3.6/10, Error ellipse: s-maj=15.6km s-min=6.5km az=141.2. SKHL 29:20:47:04.1±0.1, 43.32N:146.85E, h59km, 9km, mb4.4/2. MOS 29:20:47:05.8±1.4, 43.60N:146.51E, h62km, mb4.2/5, Error ellipse: s-maj=16.4km s-min=13.6km az=61.1. ISC 29:20:47:05.3±1.4, 43.45N:146.72E:0.07, h51km, 11km, n50, c1915/53, mb3.5/10, 4D, Kuril Islands

DDA 29:21:12:41.6, 38.52N:26.69E, h6km, MD2.6. THE 29:21:12:41.2, 38.53N:26.67E, h14km, 5km, ML2.1/4, Error ellipse: s-maj=5.4km s-min=1.3km az=231.0. ISCJB 29:21:12:41.4±0.4, 38.53N:26.64E:0.04, h42km, 4km, Error ellipse: s-maj=5.7km s-min=3.7km az=166.8. ISC 29:21:12:40.9±0.9, 38.54N:26.69E:0.02, h16km, 6km, n36, c079/59, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CPBX Cerro Prieto, CPBX Cerro Prieto, MBIG Mexicali, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NEM2 Nemuro 2, YUK Yuzh-Kuril'sk, JRA Rausi, JNK Nakash, JAK Akkeshi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like URLA Izmir, URLA Izmir, ZEY zmir, CHOS Chios Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like COK Cook Ranch, YMD Yuma Desert, RMX La Rumorosa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAJ Asahikawa, ASAJ Asahikawa, ASAJ KRSR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MEX 29:21:18:35.0±0.7, 18.01N:100.53W, h52km, 9km, MD3.9, Guerrero, ARIG Puente Sto Nin, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KARP Karpathos, KARP Karpathos, NPS Neapolis, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DDA 29:21:47:43.4, 39.46N:35.25E, h7km, MD2.7, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AVNT Avonos, AVNT Avonos, AVNT Avonos, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ISCJB 29:21:50:50.9±0.3, 38.38N:101.21:77E:0.02, h5km, 2km, etc.

Table with columns: SUSE, Susehri, 1.62 311, iP, Pn, 22 24 16.1 +1.4, S, 22 24 30.0 -2.7, S, 22 24 16.1 +1.4, S, 22 24 33.0 -2.7

IDC 29 22:42:01.8.4.0, 181.94S:177.88W, h525km, 40km, mb3.1/5, mb1 3.3/5, mb1mx3.0/21, mbtmp4.0/5, Error ellipse: s-maj=54.5km, s-min=17.7km, bzz=144.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, WRA Warramunga Arr, ASAR Alice Springs, MJAR Matsushiro Arr, PETK Petropavlovsk, ILAR Eilsdorf, MKAR Makanchi Array, ARCES ARCES Array B, AKASG Malin Array Be, BRTR Keskin Array B, GERES GERES Array B

IDC 29 22:56:53.3.2.2, 7.58N:124.96E, h0km, mb3.9/4, mb1 4.1/4, mb1mx3.5/34, mbtmp3.9/4, Error ellipse: s-maj=225.5km, s-min=23.1km, az=64.0, blindandao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array

SJA 29 23:03:15.6:2.4, 31.88S:71.70W, h18km, 53km, ML4.2, MW4.5

GUC 29 23:03:16.2:0.5, 31.88S:71.47W, h2km, 2km, ML4.5

IDC 29 23:03:16.9:1.0, 31.97S:71.70W, h31km, 5km, mb3.6/4, mb1 3.9/8, mb1mx3.7/23, mbtmp3.9/8, ML3.7/3, MS3.2/6, Ms1 3.2/6, ms1mx3.0/16, Error ellipse: s-maj=24.6km, s-min=18.2km, az=3.0

ISC 29 23:03:17.1:0.1, 31.28S:0.05:71.59W, 0.07, h28km, 7km, mb1, 1:18/44, mb3.9/4, MS3.0/3, 2C-ID, Near coast of central Chile

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 IHA, PEL, RCDM, etc.

NEIC 29 23:06:40.0, 41.16S:173.97E, h62km, ML4.0(WEL), After WEL

NEIC Felt at Pictou. WEL 29 23:06:40.1:0.1, 41.17S:173.97E, h61km, 1km, ML4.0/17, 4C-15D, Error ellipse: s-maj=1.2km, s-min=1.0km, az=0.0, South Island

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 TCW, TUWZ, DUVW, etc.

Table with columns: TOZ, FOZ, MKAZ, LBZ, ODZ, JCZ, Tahuroa Road, Fox Glacier, Moumakai, Lake Benmore, Otauhu Downs, Otauhu Downs, Jackson Bay, Jackson Bay

BYKL 29 23:30:46.9:0.2, 55.51N:110.44E, h10km, mb4.3/1, Error ellipse: s-maj=17.4km, s-min=11.4km, az=55.9

IDC 29 23:30:51.3:8.5, 55.39N:109.84E, h0km, mb1 3.3/3, mb1mx3.1/28, mbtmp3.3/3, ML2.8/3, Error ellipse: s-maj=107.4km, s-min=37.9km, az=75.0

ISC 29 23:30:46.6:1.1, 55.46N:110.52E, 0.02, h1km, 9km, mb1, 1:19/172, 9C-10D, Lake Baykal region

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 KMO, NIZ, YLR, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like AKAS, KORT, DNZL, etc.

ISC 30 02:01:50:13.5:16.0, 0.1:64N:179:23E, h0km, mb3.2/4, mb1 3.7/4, mb1mx3.4/38, mbtrmp3.4/4, Error ellipse: s-maj=322.7km s-min=62.9km az=83.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CERAA, CEAP, CESW, etc.

ISC/CB 30 02:02:45:0.3, 30:68S:0:03:69:02W:0.05, h121km, 4km, mb3.7/8, Error ellipse: s-maj=7.0km s-min=4.0km az=165.5

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like AMOG, RTLL, SJA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like LCO, AAGR, VACH, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like LPAZ, SAML, QSPA, etc.

THE 30 02:12:47.9:0.2, 38:28'N:26:61'E, h7km, 2km, ML2.1/4, Error ellipse: s-maj=2.2km s-min=0.7km az=61.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ZEY, UURL, UURL, etc.

ISC/CB 30 02:02:45:0.3, 30:68S:0:03:69:02W:0.05, h121km, 4km, mb3.7/8, Error ellipse: s-maj=7.0km s-min=4.0km az=165.5

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like AYVA, AYVA, SGR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CPBX, SGL, EMSC, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SPX, ECNX, BAR, etc.

NSSP 30 02:46:28.3, 39:85'N:42:32'E, h5km, Ms2.8 CSEM 30 02:46:30.8, 0.2, 39:92'N:42:52'E, h2km, MD3.2, Error ellipse: s-maj=5.3km s-min=4.0km az=75.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like EATA, EATA, HOMI, etc.

MEX 30 02:55:40.3:0.7, 16:99'N:99:81'W, h29km, 10km, MD3.7, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CAIG, CAIG, TRIG, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like DALY, DALY, YER, etc.

ellipse: s-maj=3.4km s-min=2.4km az=171.0
 IGL 30 02:58:26.6, 36.96N, 4.27W, h59km, ML2.0
 CSEM 30 02:58:26.6, 0.2, 37.05N, 4.35W, h40km, ML3.0/9, Error
 ellipse: s-maj=4.6km s-min=2.4km az=172.0
 MDD 30 02:58:26.2, 0.5, 36.96N, 4.28W, h59km, 8km, mb3.7/19,
 Error ellipse: s-maj=5.6km s-min=2.8km az=165.0,
 PRXIMO

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time h m s	Res ISC
SELV	Sierra Elvira	0.52	67	↑P	Pn	02 58 37.8 +1.3	
SELV	Sierra Elvira			S	Sn	02 58 46.9 +2.8	
SELV	Sierra Elvira	0.52	67	P	Pn	02 58 37.8 +1.3	
SELV	Sierra Elvira			S	Sn	02 58 46.9 +2.8	
EMIJ	Mijas	0.59	218	↓P	Pn	02 58 38.2 +0.8	
EMIJ	Mijas			S	Sn	02 58 47.4 +1.6	
EMIJ	Mijas	0.59	218	P	Pn	02 58 38.2 +0.8	
EMIJ	Mijas			S	Sn	02 58 47.4 +1.6	
ECOG	Cogollos-Vega	0.65	68	P	Pn	02 58 39.3 +1.0	
ECOG	Cogollos-Vega			S	Sn	02 58 49.5 +2.0	
ECOG	Cogollos-Vega	0.65	68	P	Pn	02 58 39.3 +1.0	
ECOG	Cogollos-Vega			S	Sn	02 58 49.5 +2.0	
EQUE	Quentar	0.73	76	P	Pn	02 58 40.2 +0.8	
EQUE	Quentar			S	Sn	02 58 50.9 +1.6	
EQUE	Quentar	0.73	76	P	Pn	02 58 40.2 +0.8	
EQUE	Quentar			S	Sn	02 58 50.9 +1.6	
GORA	Gorafe	1.12	66	P	Pb	02 58 45.8 -0.6	
GORA	Gorafe			S	Sb	02 58 60.0 -0.7	
GORA	Gorafe	1.12	66	P	Pb	02 58 45.8 -0.6	
GORA	Gorafe			S	Sb	02 59 00.0 -0.7	
EADA	Adamuz	1.15	350	↑P	Pb	02 58 46.8 -0.1	
EADA	Adamuz			S	Sb	02 59 01.4 -0.1	
EADA	Adamuz	1.15	350	P	Pb	02 58 46.8 -0.1	
EADA	Adamuz			S	Sb	02 59 01.4 -0.1	
EBER	Berja	1.16	96	P	Pn	02 58 45.0 -0.3	
EBER	Berja			S	Sn	02 58 59.1 -1.0	
ESPR	Espera	1.24	263	P	Pb	02 58 49.1 +0.8	
ESPR	Espera			S	Sn	02 59 02.5 +0.7	
ESPR	Espera	1.24	263	P	Pb	02 58 49.1 +0.8	
ESPR	Espera			S	Sn	02 59 02.5 +0.7	
EQES	Quesada	1.26	52	↑P	Pn	02 58 47.4 +0.7	
EQES	Quesada			S	Sn	02 59 03.2 +0.7	
EQES	Quesada	1.26	52	P	Pn	02 58 47.4 +0.7	
EQES	Quesada			S	Sn	02 59 03.2 +0.7	
ECAB	Ei Cabril	1.35	320	↓P	Pb	02 58 49.2 -1.1	
ECAB	Ei Cabril			S	Sn	02 59 05.8 +1.0	
ECAB	Ei Cabril	1.35	320	P	Pb	02 58 49.2 -1.1	
ECAB	Ei Cabril			S	Sn	02 59 05.8 +1.0	
EHUE	Huescar	1.58	60	P	Pn	02 58 51.4 +0.3	
EHUE	Huescar			S	Sn	02 59 10.2 -0.3	
EHUE	Huescar	1.58	60	P	Pn	02 58 51.4 +0.3	
EHUE	Huescar			S	Sn	02 59 10.2 -0.3	
ENIJ	Nijar	1.70	91	P	Pn	02 58 51.7 -0.9	
ENIJ	Nijar			S	Sn	02 59 11.1 -2.0	
SESP	Santiago Espad	1.78	52	P	Pn	02 58 54.0 0.0	
SESP	Santiago Espad			S	Sn	02 59 14.8 -0.7	
SESP	Santiago Espad	1.78	52	P	Pn	02 58 54.0 0.0	
SESP	Santiago Espad			S	Sn	02 59 14.8 -0.7	
EMIN	Mina Concepcio	2.01	292	↑P	Pn	02 58 57.6 +0.7	
EMIN	Mina Concepcio			S	Sn	02 59 20.4 -0.4	
EMIN	Mina Concepcio	2.01	292	P	Pn	02 58 57.6 +0.7	
EMIN	Mina Concepcio			S	Sn	02 59 20.4 -0.4	
EVIA	Vianos	2.16	41	P	Pn	02 58 59.8 +0.8	
EVIA	Vianos			S	Sn	02 59 22.5 -2.2	
EVIA	Vianos	2.16	41	P	Pn	02 58 59.8 +0.8	
EVIA	Vianos			S	Sn	02 59 22.5 -2.2	
PBAR	Barrancos	2.44	299	ePn	Pn	02 59 03.5 +0.7	
PBAR	Barrancos			eSn	Pn	02 59 31.0 -0.4	
PBAR	Barrancos	2.44	299	P	Pn	02 59 03.5 +0.7	
PBAR	Barrancos			S	Sn	02 59 31.0 -0.4	
PAB	San Pablo	2.51	360	P	Pn	02 59 05.0 +1.1	
PAB	San Pablo			S	Sn	02 59 33.7 +0.4	
PAB	San Pablo	2.51	360	P	Pn	02 59 05.0 +1.1	
PAB	San Pablo			S	Sn	02 59 33.7 +0.4	
EGRO	Ei Granado	2.57	282	P	Pn	02 59 05.1 +0.5	
EGRO	Ei Granado			S	Sn	02 59 33.5 -1.1	
EGRO	Ei Granado	2.57	282	P	Pn	02 59 05.1 +0.5	
EGRO	Ei Granado			S	Sn	02 59 33.5 -1.1	
ESDC	Sonseca Array	2.65	6	P	Pn	02 59 07.2 +1.4	
ESDC	Sonseca Array			S	Sn	02 59 37.2 +0.4	
ESDC	Sonseca Array	2.65	6	P	Pn	02 59 07.2 +1.4	
ESDC	Sonseca Array			S	Sn	02 59 37.2 +0.4	
ETOB	Tobarra	2.72	53	↑P	Pn	02 59 06.7 -0.1	
ETOB	Tobarra			S	Sn	02 59 36.3 -2.3	
ETOB	Tobarra	2.72	53	P	Pn	02 59 06.7 -0.1	
ETOB	Tobarra			S	Sn	02 59 36.3 -2.3	
PVAQ	Vaqueiros	2.73	279	ePn	Pn	02 59 07.2 +0.3	
PVAQ	Vaqueiros			eSn	Pn	02 59 37.4 -1.3	
PVAQ	Vaqueiros	2.73	279	P	Pn	02 59 07.2 +0.3	
PVAQ	Vaqueiros			S	Sn	02 59 37.4 -1.3	

PVAQ	Vaqueiros	2.73	279	P	Pn	02 59 07.2 +0.3	
PVAQ	Vaqueiros			S	Sn	02 59 37.4 -1.3	
EBAD	Badajoz	2.73	310	↑P	Pn	02 59 08.0 +1.1	
EBAD	Badajoz			S	Sn	02 59 38.7 -0.1	
EBAD	Badajoz	2.73	310	P	Pn	02 59 08.0 +1.1	
EBAD	Badajoz			S	Sn	02 59 38.7 -0.1	
PBDV	Barranco-do-Ve	2.89	275	ePn	Pn	02 59 10.3 +1.3	
PBDV	Barranco-do-Ve			eSn	Pn	02 59 41.3 -1.3	
PBDV	Barranco-do-Ve	2.89	275	P	Pn	02 59 10.3 +1.3	
PBDV	Barranco-do-Ve			S	Sn	02 59 41.3 -1.3	
PBEJ	Beja	2.98	290	ePn	Pn	02 59 10.9 +0.6	
PBEJ	Beja			eSn	Pn	02 59 43.7 -1.2	
PBEJ	Beja	2.98	290	P	Pn	02 59 10.9 +0.6	
PBEJ	Beja			S	Sn	02 59 43.7 -1.2	
PCVE	Castro Verde	3.02	283	ePn	Pn	02 59 11.9 +1.1	
PCVE	Castro Verde			eSn	Pn	02 59 45.1 -0.7	
PCVE	Castro Verde	3.02	283	P	Pn	02 59 11.9 +1.1	
PCVE	Castro Verde			S	Sn	02 59 45.1 -0.7	
PESTR	Estremoz	3.16	306	ePn	Pn	02 59 13.8 +1.0	
PESTR	Estremoz			eSn	Pn	02 59 48.7 -0.7	
PESTR	Estremoz	3.16	306	P	Pn	02 59 13.8 +1.0	
PESTR	Estremoz			S	Sn	02 59 48.7 -0.7	
MESJ	Messejana	3.20	286	ePn	Pn	02 59 13.9 +0.6	
MESJ	Messejana			eSn	Pn	02 59 49.9 -0.4	
MESJ	Messejana	3.20	286	P	Pn	02 59 13.9 +0.6	
MESJ	Messejana			S	Sn	02 59 49.9 -0.4	
MESJ	Messejana	3.20	286	P	Pn	02 59 13.9 +0.6	
MESJ	Messejana			S	Sn	02 59 49.9 -0.4	
EVO	Evora	3.28	298	ePn	Pn	02 59 15.1 +0.7	
EVO	Evora			eSn	Pn	02 59 53.4 -0.7	
EVO	Evora	3.28	298	P	Pn	02 59 15.1 +0.7	
EVO	Evora			S	Sn	02 59 53.4 -0.7	
EVO	Evora	3.28	298	P	Pn	02 59 15.1 +0.7	
EVO	Evora			S	Sn	02 59 53.4 -0.7	
EPLA	Plasencia	3.32	336	P	Pn	02 59 16.6 +1.6	
EPLA	Plasencia			S	Sn	02 59 52.2 -1.1	
EPLA	Plasencia	3.32	336	P	Pn	02 59 16.6 +1.6	
EPLA	Plasencia			S	Sn	02 59 52.2 -1.1	
PMRV	Marv??o	3.40	316	ePn	Pn	02 59 17.2 +1.2	
PMRV	Marv??o			eSn	Pn	02 59 54.2 -1.0	
PMRV	Marv??o	3.40	316	P	Pn	02 59 17.2 +1.2	
PMRV	Marv??o			S	Sn	02 59 54.2 -1.0	
PMRV	Marv??o	3.40	316	P	Pn	02 59 17.2 +1.2	
PMRV	Marv??o			S	Sn	02 59 54.2 -1.0	
MORF	Marmelete	3.47	276	ePn	Pn	02 59 18.0 +1.0	
MORF	Marmelete			eSn	Pn	02 59 58.9 -0.8	
MORF	Marmelete	3.47	276	P	Pn	02 59 18.0 +1.0	
MORF	Marmelete			S	Sn	02 59 58.9 -0.8	
MORF	Marmelete	3.47	276	P	Pn	02 59 18.0 +1.0	
MORF	Marmelete			S	Sn	02 59 58.9 -0.8	
PNCL	Nicolau / Gran	3.51	289	ePn	Pn	02 59 18.3 +0.8	
PNCL	Nicolau / Gran			eSn	Pn	02 59 58.4 -0.7	
PNCL	Nicolau / Gran	3.51	289	P	Pn	02 59 18.3 +0.8	
PNCL	Nicolau / Gran			S	Sn	02 59 58.4 -0.7	
PNCL	Nicolau / Gran	3.51	289	P	Pn	02 59 18.3 +0.8	
PNCL	Nicolau / Gran			S	Sn	02 59 58.4 -0.7	
MOE	Montemor	3.52	296	eSn	Pn	02 59 57.1 -1.0	
MOE	Montemor			ePn	Pn	02 59 57.1 -1.0	
MOE	Montemor	3.52	296	P	Pn	02 59 57.1 -1.0	
MOE	Montemor			S	Sn	02 59 57.1 -1.0	
PTEO	Sao Teotonio	3.55	280	ePn	Pn	02 59 19.2 +1.2	
PTEO	Sao Teotonio			eSn	Pn	02 59 57.2 -1.5	
PTEO	Sao Teotonio	3.55	280	P	Pn	02 59 19.2 +1.2	
PTEO	Sao Teotonio			S	Sn	02 59 57.2 -1.5	
PTEO	Sao Teotonio	3.55	280	P	Pn	02 59 19.2 +1.2	
PTEO	Sao Teotonio			S	Sn	02 59 57.2 -1.5	
PFVI	Vila Bisbo	3.60	273	ePn	Pn	02 59 19.6 +0.8	
PFVI	Vila Bisbo			eSn	Pn	02 59 59.0 -1.1	
PFVI	Vila Bisbo	3.60	273	P	Pn	02 59 19.6 +0.8	
PFVI	Vila Bisbo			S	Sn	02 59 59.0 -1.1	
PFVI	Vila Bisbo	3.60	273	P	Pn	02 59 19.6 +0.8	
PFVI	Vila Bisbo			S	Sn	02 59 59.0 -1.1	
GUD	Guadarrama	3.61	2	P	Pn	02 59 20.1 +1.1	
GUD	Guadarrama			S	Sn	02 59 59.3 -1.2	
GUD	Guadarrama	3.61	2	P	Pn	02 59 20	

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like Afiamalu, NIUE Niue, DZM Mont Drumac, etc.

ISCJB 30 03:15:27.0±0.5, 39.38N±0.03, 39.43E±0.04, h3km, 6km, Error ellipse: s-maj=5.0km s-min=4.3km az=12.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like ERZAN Erzincan, EZC Erzincan, EZUM Uzumlu, etc.

ISC 30 03:28:47.2±15.0, 24.84S, 68.14E, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.5/4.1, Error ellipse: s-maj=512.8km s-min=30.4km az=50.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, etc.

ISC 30 03:29:25.7±4.8, 23.38S, 68.11W, h0km, mb4.0/1, mb1 4.0/2, mb1mx3.5/2.6, mbtmp3.9/2, ML3.7/1, Error ellipse: s-maj=146.3km s-min=54.3km az=67.0

ISCJB 30 03:29:40.3±1.2, 22.241S±0.07, 68.7W±0.2, h133km, 17km, mb3.3/1, Error ellipse: s-maj=34.9km s-min=10.2km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like IPOC Station P, IPOC Station P, IPOC Station P, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like MIMNC Minimini, MIMNC Minimini, MIMNC Minimini, etc.

ISC 30 03:38:48.6±3.1, 5.00S, 151.65E, h0km, mb3.9/3, mb1 4.1/4, mb1mx3.6/3.7, mbtmp4.0/4, ML1.9/1, Error ellipse: s-maj=109.8km s-min=41.4km az=121.0, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like PMG Port Moresby, PMG Port Moresby, WRA Warramunga Arr, etc.

GUC 30 03:39:52.9±0.4, 35.85S, 72.29W, h46km, 2km, ML3.5, 1C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like LNCH Linares, LNCH Talca, LNCH Talca, etc.

ISCJB 30 03:41:30.8±0.6, 39.76N±0.03, 41.84E±0.04, h13km, 5km, Error ellipse: s-maj=6.0km s-min=4.6km az=36.1

ISC 30 03:41:30.4, 39.69N±41.79E, h20km, MD2.8, CSEM 30 03:41:30.4, 39.76N±41.79E, h19km, 1km, MD2.8, Error ellipse: s-maj=8.5km s-min=6.1km az=48.0

ISC 30 03:41:31.4, 39.85N±41.85E, h7km, MD2.8, DDA 30 03:41:30.5±1.1, 39.79N±0.03, 41.82E±0.03, h14km, 9km, n21, n075/33, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like HOMI Horasan, HOMI Erzurum, HOMI Erzurum, etc.

ISC 30 03:49:20.8±1.0, 14.21N±121.90E, h0km, mb3.6/7, mb1 3.9/7, mb1mx3.7/4.7, mbtmp3.7/7, MS3.1/5, MS1 3.1/5, ms1mx2.7/4.6, Error ellipse: s-maj=20.0km s-min=11.2km az=172.0

ISCJB 30 03:49:22.5±1.0, 14.47N±0.03, 121.76E±0.04, h6km, 8km, mb3.3/7, MS3.0/4, Error ellipse: s-maj=6.5km s-min=4.6km az=146.4

MAN 30 03:49:23.14, 48N, 121.72E, h17km, mb4.5, ML3.4, MS3.3, ISC 30 03:49:21.2±1.4, 14.37N±0.04, 121.74E±0.04, h2km, 10km, n24, n158/26, mb3.7/7, MS3.0/4, 2C-2D, Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like GQP Guinayangang, GQP Guinayangang, TGY Tagaytay City, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like CMAR Chiang Mai Arr, GUMO Guam, KRSR Korea Arr, etc.

ISC 30 03:59:17.3±1.5, 24.46S±177.27W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.7/2.6, mbtmp3.9/3, Error ellipse: s-maj=49.8km s-min=33.3km az=39.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like ASAR Alice Springs, WRA Warramunga Arr, QSPA Port Pole Qui, etc.

ISCJB 30 04:02:43.0±0.9, 36.84N±0.05, 27.64E±0.06, h13km, Error ellipse: s-maj=6.0km s-min=6.0km az=22.5

ISC 30 04:02:42.9, 36.89N±27.65E, h5km, MD2.6, CSEM 30 04:02:43.5±0.2, 36.86N±27.66E, h2km, MD2.6, Error ellipse: s-maj=4.5km s-min=3.6km az=177.0

DDA 30 04:02:43.8, 36.89N±27.62E, h7km, MD2.6, ISC 30 04:02:43.3±1.1, 36.89N±0.05, 27.65E±0.03, h13km, n18, n043/26, Dodecanese Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like BDRM Kayabasi, BDRM Kayabasi, BDRM Kayabasi, etc.

LJU 30 04:10:32.9, 46.69N±14.17E, h10km, ML2.4, CSEM 30 04:10:32.9±0.1, 46.73N±14.18E, h2km, ML3.1/18, Error ellipse: s-maj=2.2km s-min=1.6km az=123.0

VIE 30 04:10:32.9±0.2, 46.71N±14.17E, h2km, 3km, mb1.8/7, mb2.8/7, Error ellipse: s-maj=1.4km s-min=0.9km az=5.0, felt 4.5-ems98 at Feldkirchen / Carinthia

ROM 30 04:10:33.4±0.3, 46.68N±14.15E, h10km, MD2.7/6, MD3.3/7, Error ellipse: s-maj=4.0km s-min=2.7km az=18.0, PRU 30 04:10:34.2, 46.70N±14.18E, h2km, ISC 30 04:10:33.4±1.0, 46.71N±0.01, 14.18E±0.1, h8km, 8km, n99, n081/179, 23C-18D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like OBKA Obir, OBKA Obir, OBKA Obir, etc.

ACOM Acomizza, It, ACOM Acomizza, It, ACOM Acomizza, It, Error ellipse: s-maj=547nm, 0.5s

ACOM Acomizza, It, ACOM Acomizza, It, ACOM Acomizza, It, Error ellipse: s-maj=547nm, 0.5s

ACOM Acomizza, It, ACOM Acomizza, It, ACOM Acomizza, It, Error ellipse: s-maj=547nm, 0.5s

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like ACOM Acomizza, It, ACOM Acomizza, It, ACOM Acomizza, It, etc.

Table with columns: PERS, Pernice, 0.65, 96, i/Pg, Pg, 04 10 45.8 -0.2, KRLC, Kraliky, 3.79, 26, Pg, Pg, 04 11 44.0 -2.0, NJ2, S, Sn, 04 29 55.5 +0.1

Table with columns: KRLC, Kraliky, 3.79, 26, Pg, Pg, 04 11 44.0 -2.0, NJ2, S, Sn, 04 29 55.5 +0.1

Table with columns: NJ2, S, Sn, 04 29 55.5 +0.1, 04 29 33.3 -0.9, 04 30 08.0 -2.4, 04 30 31.0 -1.3

30d 4h

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for various stations.

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Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for various stations.

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Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for various stations.

30d 4h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like SLMT Seelye Lake, FLWY Flagg Ranch, WHN Wuhan, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like J22A Midwest, W29A Amraillo, BJT Baitiatuau, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like D26A Manning, Q33A Connelly Farm, NATX Nacogdoches, etc.

MS4.0/8, Error ellipse: s-maj=24.5km s-min=12.0km az=142.0 NEIC 30 05:04:43.0.0.4, 15:47:53:173:93W,h35km,mb4.7/8, Error ellipse: s-maj=19.5km s-min=9.7km az=142.0 ISC 30 05:04:43.2.0.7, 15:55:02:173:9W,0.2,h35km,n38, o#85/20,mb4.3/19,MS4.0/8,Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data.

ISCJB 30 05:13:21.0.0.3, 60:81N,0:02:15:13W,0.04,h44km,3km,mb3.5/2, Error ellipse: s-maj=3.7km s-min=2.8km az=137.1

ISC 30 05:13:21.2.2.5, 60:91N,151:43W,h41km,29km,mb3.4/2,mb1.3/6.7,mb1mx3.2/46,mbtmp3.4/77,ML3.5/5, Error ellipse: s-maj=26.1km s-min=16.6km az=99.0

NEIC 30 05:13:23.0, 60:81N,151:18W,h65km,ML3.1(AEIC), After AEIC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data.

NEIC 30 05:16:00.8.0.9, 19:30S,175:72W,h208km,9km,mb4.6/56, Error ellipse: s-maj=8.1km s-min=4.7km az=137.0

AUST 30 05:16:00.6.1.8, 19:24S,175:61W,h206km, Error ellipse: s-maj=1.8km s-min=1.2km az=298.0

ISC 30 05:16:00.7.2.0, 19:34S,175:67W,h208km,18km,mb4.3/21,mb1.4/5.2,mb1mx4.4/29,mbtmp4.9/24,MS3.6/4,Ms1.3/6.4,ms1mx3.3/23, Error ellipse: s-maj=13.2km s-min=8.8km az=129.0

ISCJB 30 05:16:01.0.1.0.2, 19:38S,0:03:175:71W,0:04,h223km,mb4.6/79, Error ellipse: s-maj=6.2km s-min=3.8km az=31.7

BUI 30 05:16:02.0, 18:76S,176:31W,h191km,mb4.9/23,mb4.9/11

ISC 30 05:16:02.1.0.3, 19:49S,0:05:175:65W,0:06,h223km,n248,1904/254,mb4.6/79,19C-9D,Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for KURBB Kurchatov Arra and WRA Warramunga Arr.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for TGY Tagaytay City and WRA Warramunga Arr.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for ASAR Alice Springs and STKA Stephens Creek.

ISLAND region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for ASAR Alice Springs, WRA Warramunga Arr, FINES FINESS Array B, and KRSC 30 08:07:37.0.0.5.55.33N.162.42E.

ISLAND region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for DALY Dalyan (Mu'la), ARG Arkhangelos, and many others.

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for ISP GZelcam!, KHL Karahalli, KHAL Karahalli, and many others.

CSEM 30 08:25:39.0.43.47N.13.01'E, h8km, MD1.9/5

ROM 30 08:25:39.0.2.43.47N.13.01'E, h8km, MD1.9/5, MI1.2/3, Error ellipse: s-maj=5.6km s-min=1.8km az=38.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for ARVD Arcevia, CING Cingoli, FSSB Fossombrone, and others.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for MURB Monte Urbino.

DDA 30 08:28:35.8.38.22N.31.59'E, h7km, MD2.6 CSEM 30 08:28:35.9.0.3.39.20N.31.59'E, h2km, MD2.0, Error ellipse: s-maj=5.8km s-min=3.4km az=72.0

ISK 30 08:28:36.4.38.23N.31.70'E, h4km, MD2.0

ISC 30 08:28:35.9.1.2.38.23N.0.03.31.57E.0.04, h8km, 13km, n10, c1962/20, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for KDHN Kadinhani, BAGO Egridir - ISPA, and others.

SJA 30 08:34:34.7.0.9.35.05S.73.67W, h10km, 8km, ML4.3

DDA 30 08:34:46.1.0.9.35.33S.72.17W, h0km, mb3.9/7, mb1.4/0.9, mb1mx3.9/23, mbmtpp3.9/9, ML3.3/2, MS3.1/3, MS1.3/0.3, ms1mt2.7/16, Error ellipse: s-maj=35.7km s-min=19.9km az=85.0

NEIC 30 08:34:48.0.7.35.25S.72.04W, h20km, mb4.5/2, ML4.6(GUC), After GUC

NEIC Felt [IV] at Cauques, Canoa, Constitucion, San Javier and Talca; [III] at Parral; [III] at Cobquecura, Curico, Linares and Quilicura

GUC 30 08:34:48.3.0.7.35.25S.72.04W, h20km, 3km, ML4.6

ISC 30 08:34:48.1.1.5.35.24S.0.03.72.05W.0.06, h14km, 9km, n55, c1977/59, mb4.2/9.5C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for U65B HualaeO, TALC Talca, LINCH Linares, and many others.

30d 11h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Saint Saulte, Signal de Mont, Signal de Mont, Oris-en-Rattie, etc.

PGC 30 10:12:28.4±10.0, 57.05N-137.62E, h10km, ML3.5/4, 139km west of Sitka, Ak Off Coast of Southeastern Alaska, Off coast of southeastern Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Pleasant Camp, Whitehorse, Naden, Van Inlet, Dawson Inlet, Moresby Island, Barry Inlet.

ISCJB 30 10:23:39.0±0.6, 33.65N±0.03±35.96E±0.04, h1km±10km, Error ellipse: s-maj=6.5km s-min=4.4km az=40.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Rachaya, Barbar, Qassiun.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like QASN, DORL, BHL, TOTH, HOHQ, RWQ, BIDA, ZALF.

IDC 30 10:25:10.2±3.6, 58.44S±149.31E, h0km, mb3.8/2, mb1 4.0/2, mb1mx3.8/1.1, mbtmp3.8/2, MS3.3/1, Ms1 3.3/1, ms1mx2.6/2, Error ellipse: s-maj=190.1km s-min=55.9km az=02.0, West of Macquarie Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like URZ, H01W1, H01W2, H01W3, ASAR, WRA, H08S2, H08S1, H08S3, H08N1, H08N2, AKASG.

MEX 30 10:34:08.0±0.5, 16.55N±99.72W, h16km±18km, MD3.7, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CAIG, TLIG, ARIG, PLIG.

IDC 30 10:34:43.9±307.0, 55.38N±160.88E, h0km, Error ellipse: s-maj=124.9km s-min=70.9km az=29.0, Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like I44RU, I45RU, I53US.

IDC 30 10:47:22.1±1.8, 6.58S±149.36E, h0km, mb3.6/3, mb1 3.8/5, mb1mx3.5/2.9, mbtmp3.6/5, ML0.7/1, MS2.8/1, Ms1 2.2/1, ms1mx2.1/32, Error ellipse: s-maj=94.8km s-min=22.5km az=126.0, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PMG, WRA, ASAR, FITZ, JCJ, ILAR, TORD.

ISCJB 30 10:57:46.3±0.3, 67.13N±0.02±20.74E±0.06, h0km, Error ellipse: s-maj=3.7km s-min=2.9km az=33.9

NAO 30 10:57:48.5±0.8, 67.15N±21.00E, ML2.7, HEL 30 10:57:48.5±0.3, 67.20N±20.75E, h0km, ML2.3, Explosion CSEM 30 10:57:48.2±0.2, 67.17N±20.81E, h2km, ML2.3, Error ellipse: s-maj=5.5km s-min=4.5km az=131.0, Mining explosion

IDC 30 10:57:48.4±0.7, 67.14N±20.95E, h0km, mb1 3.3/5, mb1mx3.0/4.9, mbtmp3.3/5, ML2.9/5, Error ellipse: s-maj=13.2km s-min=6.6km az=104.0

BER 30 10:57:50.5±3.6, 67.13N±20.81E, h0km, ML2.3, ML2.7(NAO), Suspected explosion

ISC 30 10:57:47.5±0.7, 67.18N±0.02±20.68E±0.03, h0km, n57, ±134/93, Sweden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ERTU, HEF, H01W1, H01W2, H01W3, ASAR, WRA, FITZ, JCJ, ILAR, TORD.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KIF, Kilpisjärvi, Rovaniemi, KTK1, Kautokeino, ARAO, ARCES, FLOS, KONS, STOK, UMAU, KEVO, MSF, MAASELKA, RIEKKI, YLISTARO, APATY, FIAO, PMG, WRA, ASAR, FITZ, JCJ, ILAR, TORD, HFS, SPAO, GUMO.

Table with columns: JAY, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WAKE ISLAND Hy 20.74, WAKE ISLAND Hy 20.75, WAKE ISLAND Hy 21.15, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Rabaul, Port Moresby, Port Moresby, Port Moresby, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Messejana, Messejana, Beja, Beja, Beja, Beja, etc.

ISC 30 11:06:56.22.2, 32.58N:142.47E, h0km, mb3.3/3, mb1 3.4/5, mb1mx3.2/37, mbtmp 3.3/5, ML2.2/2, Error ellipse: s-maj=54.8km s-min=25.4km az=56.0

ISCJB 30 11:06:58.9.1.1, 32.97N:0.07.142.8E:0.1, h33km, mb3.4/3, Error ellipse: s-maj=14.2km s-min=8.4km az=153.7

JMA 30 11:06:58.4.0.5, 32.88N:142.71E, h36km, M3.4 ISC 30 11:06:59.0.1.5, 32.84N:0.08.142.8E:0.1, h33km, n19, a=150/29, mb3.4/3, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Boso 1, Mitsune, Hachiojimakas, Hachioji jima 2, etc.

ISC 30 11:16:52.6.0.9, 39.29N:110.48E, h0km, mb3.6/7, mb1 3.8/9, mb1mx3.6/47, mbtmp 3.7/9, ML3.3/2, MS2.6/1, Ms1 2.6/1, ms1mx2.1/39, Error ellipse: s-maj=29.6km s-min=16.4km az=57.0, Western Nei Mongol

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Songoing Array, Korea Array, Makanchi Array, Matushiro Arr, Zalevo Beam, Kurbatov Arr, Eielson Array, Inuvik, Warrungarra Arr, Alice Springs, etc.

ISC 30 11:59:55.1.4.4, 30.08S:177.46W, h0km, mb4.2/4, mb1 4.4/4, mb1mx3.9/16, mbtmp 4.2/4, MS3.4/2, Ms1 3.4/2, ms1mx2.6/29, Error ellipse: s-maj=34.8km s-min=27.8km az=113.0

ISC 30 12:00:00.0.1.4, 30.20S:0.08.177.6W:0.2, h35km, n13, a=207/14, mb4.3/4, Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Raoul Island, Urewera, Kurbatov Arr, Warrungarra Arr, Alice Springs, etc.

AUST 30 12:15:04.0.5.3, 5.52S:149.73E, h0km, Error ellipse: s-maj=1.9km s-min=1.0km az=306.0

ISCJB 30 12:15:06.7.0.5, 5.46S:0.06.149.73E:0.08, h35km, mb4.0/12, MS3.2/2, Error ellipse: s-maj=12.6km s-min=7.2km az=32.8

ISC 30 12:15:10.0.4.0, 5.63S:149.78E, h49km, 40km, mb3.8/1, mb1 3.9/12, mb1mx3.8/19, mbtmp 4.1/12, ML2.2/1, MS3.1/6, Ms1 3.1/6, ms1mx2.8/34, Error ellipse: s-maj=25.5km

CSEM 30 12:17:40.7.0.2, 36.11N:8.49W, h10km, ML3.2/5, Error ellipse: s-maj=5.6km s-min=3.0km az=72.0

CNRM 30 12:17:43.1.36.08N:8.55W, h0km, M3.2/2, LDG 30 12:17:43.7.0.2, 36.17N:8.48W, h10km, MS.4/4, Error ellipse: s-maj=3.6km s-min=2.1km az=36.0

MDD 30 12:17:43.7.0.6, 36.08N:8.55W, h42km, 39km, mb4.6/14, Error ellipse: s-maj=7.4km s-min=4.3km az=80.0, PRXIM IGL 30 12:17:44.6.1.36.22N:8.49W, h1km, ML2.3

INMG 30 12:17:44.6.1.2, 36.23N:8.49W, h10km, MD2.6, ML2.5, Error ellipse: s-maj=4.3km s-min=2.5km az=53.0

ISC 30 12:17:41.5.1.3, 36.10N:0.03.8.47W:0.04, h28km, 13km, a=133/24/21/17, West of Gibraltar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Vila Bisbo, Vila Bisbo, Vila Bisbo, Vila Bisbo, Vila Bisbo, Vila Bisbo, etc.

comp=E,26nm,0.2s P S Pn 12 18 11.6 -1.4

comp=E,26nm,0.2s P S Pn 12 18 31.8 +0.4

comp=E,26nm,0.2s P S Pn 12 18 11.6 -1.4

comp=E,26nm,0.2s P S Pn 12 18 31.8 +0.4

comp=E,26nm,0.2s P S Pn 12 18 14.7 +1.4

comp=E,26nm,0.2s P S Pn 12 18 36.9 -0.3

comp=E,26nm,0.2s P S Pn 12 18 14.7 +1.4

comp=E,26nm,0.2s P S Pn 12 18 36.9 -0.3

comp=E,11nm,0.3s P S Pn 12 18 14.7 +1.4

comp=E,11nm,0.3s P S Pn 12 18 36.9 -0.3

comp=E,1.1nm,0.3s P S Pn 12 18 14.7 +1.1

comp=E,1.1nm,0.3s P S Pn 12 18 37.5 -0.3

comp=E,1.7nm,0.1s P S Pn 12 18 14.7 +1.1

comp=E,1.7nm,0.1s P S Pn 12 18 37.5 -0.3

comp=E,1.7nm,0.1s P S Pn 12 18 14.7 +1.1

comp=E,1.7nm,0.1s P S Pn 12 18 37.5 -0.3

comp=E,1.7nm,0.1s P S Pn 12 18 14.7 +1.1

comp=E,1.7nm,0.1s P S Pn 12 18 37.5 -0.3

comp=E,1.7nm,0.1s P S Pn 12 18 14.7 +1.1

comp=E,1.7nm,0.1s P S Pn 12 18 37.5 -0.3

comp=E,1.7nm,0.1s P S Pn 12 18 14.7 +1.1

comp=E,1.7nm,0.1s P S Pn 12 18 37.5 -0.3

comp=E,1.7nm,0.1s P S Pn 12 18 14.7 +1.1

comp=E,1.7nm,0.1s P S Pn 12 18 37.5 -0.3

comp=E,1.7nm,0.1s P S Pn 12 18 14.7 +1.1

comp=E,1.7nm,0.1s P S Pn 12 18 37.5 -0.3

comp=E,1.7nm,0.1s P S Pn 12 18 14.7 +1.1

30d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists various stations like KIB, Col de Zad, Manteigas, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists various stations like ESCJB, TWB1, EGS, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists various stations like BSSI, WSI, BKSI, etc.

Table with columns for station name, frequency, power, and various signal quality metrics. Includes stations like PRU Pruhonice, GOP GO Pecny, GERES GERESS Array B, etc.

Table with columns for station name, frequency, power, and various signal quality metrics. Includes stations like ULM Muntele Rosu, FFC Filin Flor, VRI Vrinicioia, etc.

Table with columns for station name, frequency, power, and various signal quality metrics. Includes stations like WALA Waterton Lakes, MIAR Mount Ida, KIV Kislovodsk, etc.

30d 13h

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like BPAW, TRF, MAK, etc.

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like DBIC, TXAR, NVS, etc.

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like HHC, ASAJ, LZH, etc.

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like RAO, MXZ, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like DVHZ, POWZ, MRZ, HOWZ, etc.

13C 30 13:09:55.0, 8.58, 0.04N, 32.21W, h0km, mb3.7/13, mb1.3/9.15, mb1mx3.8/34, mbtmp3.7/15, ML3.6/2, MS3.8/11, Ms1.3/8.11, ms1mx3.5/39, Error ellipse: s-maj=24.8km s-min=15.8km az=12.0

ISCJB 30 13:09:56.3, 0.7, 58.08N, 0.08, 32.17W, 0.1, h14km, mb3.7/13, MS3.6/7, Error ellipse: s-maj=12.1km s-min=10.2km az=143.7

ISC 30 13:09:57.0, 9.7, 58.00N, 0.1, 32.17W, 0.09, h14km, n26, 0.950/13, mb3.7/13, MS3.7/13, Reykjanis Ridge

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like BORG, SFJD, SKFA, etc.

13C 30 13:20:32.6, 4.93N, 123.55E, h0km, mb3.3/3, mb1.3/3.5, mb1mx3.2/38, mbtmp3.3/3, MS4.0/1, Ms1.4/0.1, ms1mx2.6/25, Error ellipse: s-maj=336.0km s-min=28.2km az=63.0, Celebes Sea

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like WRA, ASAR, TLY, MKAR, etc.

AUST 30 13:20:27.1, 6.00S, 157.21E, h100km, ISCJB 30 13:20:45.4, 0.6, 6.80S, 0.07, 156.24E, 0.08, h200km, mb4.0/14, Error ellipse: s-maj=11.5km s-min=9.6km az=19.6

NEIC 30 13:20:47.0, 0.4, 6.79S, 156.22E, h200km, mb4.4/5, Error ellipse: s-maj=10.6km s-min=8.3km az=97.0

13C 30 13:20:48.2, 2.6, 8.85S, 156.16E, h213km, mb4.1km, mb3.8/12, mb1.3/9.15, mb1mx3.8/34, mbtmp4.4/15, MS2.4/1, Ms1.2/4.1, ms1mx2.0/22, Error ellipse: s-maj=16.1km s-min=10.9km az=115.0

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes station PMG.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like PMG, COEN, COEN, etc.

WEL 30 13:39:59.0, 7.0, 34.93S, 177.96E, h33km, ML3.8/2, Error ellipse: s-maj=11.0km s-min=5.2km az=90.0, North of New Zealand

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like WAZZ, HNZZ, etc.

ISCJB 30 13:40:33.1, 0.8, 18.90N, 0.04, 145.50E, 0.09, h224km, 7km, mb4.1/25, Error ellipse: s-maj=13.6km s-min=5.6km az=171.8

NEIC 30 13:40:33.0, 0.4, 18.92N, 145.57E, mb4.8/6, Error ellipse: s-maj=14.0km s-min=6.5km az=85.0

13C 30 13:40:33.6, 0.7, 18.94N, 145.55E, h216km, 7km, mb3.8/22, mb1.3/9.25, mb1mx3.8/36, mbtmp4.4/25, Error ellipse: s-maj=13.7km s-min=7.4km az=91.0

BUI 30 13:40:33.7, 18.90N, 145.40E, h221km, mb4.4/17, mb4.4/11

ISC 30 13:40:34.3, 0.5, 18.95N, 0.04, 145.49E, 0.09, h223km, 9km, n23, 0.950/13, mb3.7/13, MS3.7/13, Mariana Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like GUMO, GUMO, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like H11N1, H11N2, H11N3, etc.

KMA 30 13:45:27.6, 0.2, 36.56N, 128.70E, h12km, 3km, 9C-9D, Error ellipse: s-maj=2.2km s-min=1.1km az=18.0, South Korea

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like KSEUS, KSEUS, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BATI Baumata, WARRAMUNGA Arr, WRA Warramunga Arr, ASAR Alice Springs, etc.

ISCJB 30 13:49:05.2.3.3, 7.94S, 118.28E, h222km, 23km, mb3.3/4, mb1 3.5/6, mb1mx3.2/23, mbtmp4.0/6, Error ellipse: s-maj=72.8km s-min=15.4km az=51.0, Flores Sea

ISC 30 13:49:20.7.1.4, 20.50S, 133.94E, h0km, mb3.4/1, mb1 3.5/3, mb1mx3.4/15, mbtmp3.4/3, ML3.5/2, Error ellipse: s-maj=9.9km s-min=6.2km az=34.0

AUST 30 13:49:20.5.9.9, 20.62S, 134.03E, h19km, Error ellipse: s-maj=1.8km s-min=1.2km az=324.0

ISC 30 13:49:19.7.0.8, 20.63S, 134.03E, h10km, n11, r121/13, Northern Territory

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, WRKA Warakuna, etc.

MEX 30 14:29:21.2.0.8, 17.221N, 95.15W, h105km, 18km, MD3.9, Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like VHO Vista Hermosa, TGIG, PCIG, etc.

ISC 30 14:32:41.1.1.1, 14.57N, 94.32E, h0km, mb3.4/5, mb1 3.6/5, mb1mx3.4/28, mbtmp3.4/5, Error ellipse: s-maj=17.0km s-min=19.1km az=55.0, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, ZALV Zalesovo Beam, WRA Warramunga Arr, etc.

ISCJB 30 14:36:56.7.0.6, 59.8S, 0.1x27.9W, 0.3, h136km, mb3.8/11, Error ellipse: s-maj=25.8km s-min=12.1km az=152.5

ISC 30 14:37:03.9.4.7, 59.85S, 28.02W, h191km, 44km, mb3.7/10, mb1 3.6/10, mb1mx3.7/15, mbtmp4.2/10, Error ellipse: s-maj=24.5km s-min=13.3km az=63.0

ISC 30 14:36:57.9.0.6, 59.85S, 0.1x27.9W, 0.2, h136km, n18, r150/18, mb4.0/10, South Sandwich Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SNAA Sanae, GSPA South Pole Qui, MAW Matwison, etc.

ISCJB 30 14:39:05.3.0.7, 78.21N, 0.05:8.3E, 0.2, h10km, mb3.6/6, MS3.0/6, Error ellipse: s-maj=7.4km s-min=6.5km az=174.8

CSEM 30 14:39:06.0.0.7, 78.20N, 8.42E, h2km, ML2.6, Error ellipse: s-maj=14.5km s-min=6.7km az=104.0

ISC 30 14:39:06.2.0.9, 78.33N, 7.77E, h0km, mb3.7/5, mb1 3.9/6, mb1mx3.5/25, mbtmp3.6/6, ML2.7/1, MS2.9/10, Ms1 2.9/10, ms1mx2.7/40, Error ellipse: s-maj=23.4km s-min=12.2km az=16.0

NAO 30 14:39:07.0.2.1, 78.24N, 8.59E, ML3.4, BER 30 14:39:08.4.2.6, 78.32N, 8.29E, h10km, MD2.7, ML2.6, ML3.4(NAO)

ISC 30 14:39:06.8.0.8, 78.22N, 0.06:8.44E, 0.06, h10km, n32, r138/33, mb3.8/6, MS3.1/6, 2C-2D, Svalbard region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KINGSBAY, SPITSBERGEN Arr, SPITS, etc.

ISC 30 14:54:00.0.11.0, 12.94S, 166.96E, h182km, 85km, mb3.6/3, mb1 3.7/4, mb1mx3.2/18, mbtmp4.0/4, Error ellipse: s-maj=103.5km s-min=53.1km az=13.0, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, SKR Severo-Kuril's, ASAK Asacha, etc.

NIED 30 14:46:00.31.40N, 138.50E, h380km, M4.1, Best double couple: M1.48000x1015 NP1.37x3.00000, delta 1.00000, 1.154.00000, NP2.186.00000, delta 0.77.00000, 1.61.00000

ISCJB 30 14:46:52.5.0.3, 31.20N, 0.04:138.39E, 0.4, h400km, mb3.5/17, Error ellipse: s-maj=5.5km s-min=4.8km az=40.1

ISC 30 14:46:53.3.0.6, 31.28N, 138.27E, h395km, 6km, mb3.3/17, mb1 3.4/23, mb1mx3.4/30, mbtmp4.0/23, Error ellipse: s-maj=14.2km s-min=9.2km az=75.0

JMA 30 14:46:54.2.0.4, 31.37N, 138.48E, h412km, 4km, M3.7

ISC 30 14:46:53.6.0.5, 31.27N, 0.07:138.42E, 0.06, h400km, n52, r110/69, mb3.6/17, Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HJHC Hachiojimakas, HJHU Hachiojima 2, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JUNU, JMK Ichinoseki, JMK Tsushima, etc.

ISC 30 15:04:45.7.1.0, 38.58S, 47.89E, h0km, mb3.7/4, mb1 3.8/4, mb1mx3.6/22, mbtmp3.7/4, MS3.4/9, Ms1 3.4/9, mb1mx3.2/43, Error ellipse: s-maj=38.5km s-min=31.8km az=14.0, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PAU Pauzhetka, SKR Severo-Kuril's, ASAK Asacha, etc.

ISC 30 15:04:45.7.1.0, 38.58S, 47.89E, h0km, mb3.7/4, mb1 3.8/4, mb1mx3.6/22, mbtmp3.7/4, MS3.4/9, Ms1 3.4/9, mb1mx3.2/43, Error ellipse: s-maj=38.5km s-min=31.8km az=14.0, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like OPO Ambohridatomo, BOSA Boshof, MAT Matop, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like H101W Cape Leeuwin H, Vnda Vanda, TORD Torodi Arr, etc.

IDC 30 15:22:59.75.1, 35.161N, 72.00E, h0km, mb3.6/2, mb1 3.6/4, mb1mx3.3/28, mbtmp3.5/4, ML3.3/2, MS3.4/2, Ms1 3.4/2, ms1mx2.4/46, Error ellipse: s-maj=107.4km s-min=77.7km az=114.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like DZET Dzerhino, SFK Sufi-Kurgan, SFK, ANL Almayashu, MNAS Manas, etc.

DDA 30 15:39:24.4, 34.40N, 27.65E, h27km, MD3.5 IDC 30 15:39:24.4, 3.34, 65N, 27.70E, h0km, mb3.6/4, mb1 3.5/10, mb1mx3.4/28, mbtmp3.4/10, ML3.4/5, Error ellipse: s-maj=23.2km s-min=20.1km az=173.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like KARP Karpathos, ZKR Zakros, ARG Arkhangelos, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like VAM Vamos, VAM Vamos, VAM Vamos, etc.

IDC 30 15:59:57.7, 1.26, 37N, 129.49E, h0km, mb3.5/5, mb1 3.7/8, mb1mx3.6/25, mbtmp3.7/8, ML3.5/3, Error ellipse: s-maj=29.9km s-min=19.5km az=69.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like SLMU Salmu, SLMU, ANKY Antikythira Is, etc.

ISC/JB 30 15:50:19.7, 0.16, 6S, 0.4, 179.7W, 0.2, h550km, mb3.7/6, Error ellipse: s-maj=6.4km s-min=9.7km az=160.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like AFI Afiamalu, AFI, CTKA Charters Tower, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like JOKE, JNTH Nagotoyohara, JTK Tokunoshima, etc.

IDC 30 16:03:16.0, 0.8, 4, 7.08S, 127.63E, h143km, 89km, mb3.1/1, mb1 3.2/5, mb1mx3.0/21, mbtmp3.6/5, Error ellipse: s-maj=78.6km s-min=28.1km az=38.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like BATI Baunata, BATI, MTN Manton Dam, etc.

ISC/JB 30 16:18:32.0, 0.4, 5, 4.22S, 125.76E, h42km, 27km, mb3.0/2, mb1 3.0/6, mb1mx3.0/26, mbtmp3.4/6, Error ellipse: s-maj=91.7km s-min=16.8km az=129.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like NLAI Namlea, SANI Sanana, MSAI Masohi, etc.

NINC 30 16:23:17.9, 3.4, 44.49N, 98.17E, h0km, mb4.0, Error ellipse: s-maj=48.3km s-min=41.1km az=157.0

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like COEN, TOO, STKA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GUC 30 19:04:30.8, 0.4, 21.19S, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ISCJB 30 19:27:59.4, 0.4, 3.77N, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ISC 30 19:28:00.9, 3.80N, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TOLC, HELC, PRAC, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KRSC 30 19:39:21.6, 0.5, 55.10N, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KMNR, KIRR, BZWR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GUC 30 19:41:45.1, 0.7, 20.57S, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like IDC 30 19:54:54.8, 3.0, 30.09S, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AUST 30 19:55:40.6, 29.87S, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RAO, URZ, ASAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ARMA, MNGC, CNB, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GUC 30 19:41:45.1, 0.7, 20.57S, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like IDC 30 19:54:54.8, 3.0, 30.09S, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AUST 30 19:55:40.6, 29.87S, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RAO, URZ, ASAR, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like GSC Goldstone, WDC Whiskeytown, USRK Ussuriysk Ar., etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like KIV Kislodovsk, KIV Kislodovsk, KIV Kislodovsk, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like GERS GERS, GERS GERS, GERS GERS, etc.

DZM	comp=Z,48m,0.7s,baz=4.0,slow=8.5,SNR=13	LR	LR	23 36 48.1
DZM	comp=Z,3um,20.4s,baz=0.0,slow=34			
DZM	Mont Dzumac 20.02 250 eP	P	P	23 30 09.4 -0.2
DZM	comp=Z,80m,0.7s			23 30 34.0 +0.8
NOUC	Port Laguerre 20.15 250 eP	P	P	23 30 10.6 -0.4
OZU	Omahuta 22.33 209 eP	P	P	23 30 34.0 -0.3
PPT	comp=Z,125nm,1.5s			
PPT	Papeete 22.75 97 LR	LR	LR	23 37 05.3
PPT2	comp=Z,1um,20.0s,baz=259,slow=30			
PPT2	Papeete2 22.75 97 eS	S	S	23 34 38.2 -8.5
PPT2	comp=Z,4um,28.2s			
PPT2	eLQ	LQ	LQ	23 34 59.1
PPT2	comp=Z,184nm,21.6s	MLR	MLR	23 36 03.0
URZ	Urewera 23.60 199 P	P	P	23 30 44.7 -2.6
URZ	comp=Z,37nm,0.6s,baz=33.0,slow=4.2,SNR=29			
URZ	Urewera 23.60 199 eP	P	P	23 30 46.0 -1.3
BKZ	Black Stump Fm 24.63 199 eP	P	P	23 30 55.8 -1.1
BFZ	comp=Z,314nm,2.2s			
BFZ	Birch Farm 26.09 198 eP	P	P	23 31 09.6 -0.5
HNR	Honiara 26.90 281 LR	LR	LR	23 40 25.9
SNZO	South Karori 27.14 200 eP	P	P	23 31 15.2 -4.4
KHZ	Kahutara 28.52 201 eP	P	P	23 31 36.9 +5.0
LHI	Lord Howe Isla 29.44 234 eP	P	P	23 31 37.5 -2.7
RPZ	Rata Peaks 30.54 203 P	P	P	23 31 51.5 +1.7
RPZ	comp=Z,37nm,0.7s,baz=43,slow=4.2,SNR=13			
RPZ	Rata Peaks 30.54 203 eP	P	P	23 31 51.5 +1.7
ODZ	comp=Z,39nm,0.7s			
ODZ	Otauhu Downs 31.84 202 eP	P	P	23 32 03.9 +2.7
DCZ	Deep Cove 33.54 205 eP	P	P	23 32 15.4 -0.7
WHZ	Wethers Hill Ro 33.56 204 eP	P	P	23 32 17.3 +1.0
EIDS	Eidsvold 34.46 249 IJ	P	P	23 32 22.8 -1.6
EIDS	comp=Z,18nm,0.8s			
EIDS	Eidsvold 34.46 249 eP	P	P	23 32 23.1 -1.2
ARMA	Armidale 35.05 240 P	P	P	23 32 29.1 -0.5
ARMA	comp=Z,24nm,0.6s			
ARMA	Armidale 35.05 240 eP	P	P	23 32 28.9 -0.6
MGCD	Mangrove Creek 36.31 235 P	P	P	23 32 40.0 -0.2
RMQ	Roma 36.69 247 P	P	P	23 32 43.4 -0.1
CNB	Canberra 38.38 233 P	P	P	23 32 57.0 -0.8
CTA	Charters Tower 38.57 258 LR	LR	LR	23 47 06.2
CTA	comp=Z,1um,20.5s,baz=80,slow=34			
CTA	Charters Tower 38.57 258 eP	P	P	23 32 58.1 -1.5
CTA	comp=Z,111nm,2.0s			
CTA	Charters Tower 38.57 258 eP	P	P	23 32 58.1 -1.5
CAN	Canberra 38.66 233 eP	P	P	23 32 59.1 -1.1
CAN	comp=Z,18nm,0.9s			
CAN	Canberra 38.66 233 eP	P	P	23 32 59.1 -1.1
PMG	Port Moresby 39.08 275 LR	LR	LR	23 47 11.0
PMG	comp=Z,757nm,21.6s,baz=98,slow=33			
PMG	Port Moresby 39.08 275 eP	P	P	23 33 04.8 +0.9
PMG	comp=Z,113nm,0.7s			
PMG	Port Moresby 39.08 275 eP	P	P	23 33 03.5 -0.3
CMSA	Cobar Meteorol 40.26 240 P	P	P	23 33 12.5 -1.0
WAKE	Wake Island 40.34 330 eP	P	P	23 33 14.7 +0.6
MTSU	Mount Surprise 40.48 261 P	P	P	23 33 14.8 -0.7
H11N3	WAKE ISLAND Hy 40.59 331 T	T	T	00 16 03.6
H11N1	WAKE ISLAND Hy 40.59 331 T	T	T	00 15 53.2
H11N2	WAKE ISLAND Hy 40.59 331 T	T	T	00 16 04.9
QLN	Quilpie 40.72 248 P	P	P	23 33 16.3 -1.0
COEN	Coen 42.03 267 P	P	P	23 33 28.7 +0.5
COEN	comp=Z,22nm,0.8s			
COEN	Coen 42.03 267 eP	P	P	23 33 28.6 +0.3
TOO	Tooolangi 42.08 231 P	P	P	23 33 27.4 -1.0
STKA	St Stephens Creek 43.75 241 P	P	P	23 33 41.4 -0.6
STKA	comp=Z,796nm,18.1s,baz=63,slow=36			
STKA	St Stephens Creek 43.75 241 eP	P	P	23 33 41.4 -0.6
STKA	comp=Z,7.0nm,0.9s			
STKA	St Stephens Creek 43.75 241 eP	P	P	23 33 41.5 -0.5
STKA	comp=Z,6.5nm,0.9s			
STKA	St Stephens Creek 43.75 241 eP	P	P	23 33 41.4 -0.6
ARPS	Mount Arapiles 44.63 234 P	P	P	23 33 48.2 -0.8
HAY	Hallett 46.24 239 P	P	P	23 33 41.2 -0.7
JAY	Jayapura 47.22 282 LR	LR	LR	23 52 16.4
JAY	comp=Z,760nm,21.2s,baz=172,slow=34			
JAY	Jayapura 47.22 282 eP	P	P	23 34 10.6 +0.8
BBOO	Bucklebo 48.53 240 P	P	P	23 34 18.5 -1.1
BBOO	comp=Z,29nm,1.0s			
BBOO	Bucklebo 48.53 240 eP	P	P	23 34 18.5 -1.1
WRAB	Tennant Creek 49.76 257 eP	P	P	23 34 28.0 -1.3
WRAB	comp=Z,32nm,0.8s			
WRAB	Tennant Creek 49.76 257 eP	P	P	23 34 28.0 -1.3
WRAB	comp=Z,129nm,0.6s,SNR=53			
WRAB	Tennant Creek 49.76 257 eP	P	P	23 34 28.6 -0.6
WRAB	comp=Z,32nm,0.8s			
WRAB	Tennant Creek 49.76 257 eP	P	P	23 34 28.0 -1.3
WRA	Warramunga Arr 49.77 257 P	P	P	23 34 27.6 -1.7
WRA	comp=Z,12nm,0.6s,baz=92,slow=7.2,SNR=105			
WRA	comp=Z,6.0nm,0.8s,baz=90,slow=3.9,SNR=5.3			
WRA	Warramunga Arr 49.77 257 eP	P	P	23 34 27.6 -1.7
AS01	Alice Springs 49.93 252 eP	P	P	23 34 28.3 -2.2
AS12	Alice Springs 49.97 252 eP	P	P	23 34 29.8 -1.1
AS12	comp=Z,53nm,0.8s,baz=87,slow=8.2,SNR=225			
ASAR	Alice Springs 49.97 252 P	P	P	23 34 29.8 -1.1
ASAR	comp=Z,8.2nm,0.7s,baz=107,slow=4.0,SNR=4.2			
ASAR	Alice Springs 49.97 252 eP	P	P	23 34 29.8 -1.1
KDU	Kakadu 52.51 266 P	P	P	23 34 49.9 0.0
MTN	Manton Dam 53.76 266 P	P	P	23 34 58.9 -0.3
MTN	comp=Z,50nm,0.8s			
MTN	Manton Dam 53.76 266 eP	P	P	23 34 58.9 -0.3
WARA	Warakurna 55.03 251 P	P	P	23 35 07.5 -0.9
FAKI	Fak Fak 55.10 278 eP	P	P	23 35 04.9 -4.1
FORT	Forrest 55.17 244 P	P	P	23 35 07.8 -1.4
FORT	comp=Z,43nm,1.1s			
FORT	Forrest 55.17 244 eP	P	P	23 35 07.8 -1.4
FORT	comp=Z,47nm,0.7s			
FORT	Forrest 55.17 244 eP	P	P	23 35 07.8 -1.4
KNWA	Kunurra 55.55 262 P	P	P	23 35 11.9 -0.2
KNWA	comp=Z,58nm,1.1s			
KNWA	Sorong 56.68 280 P	P	P	23 35 20.9 +0.7
FITZ	Fitzroy Crossi 58.15 258 P	P	P	23 35 30.4 -0.1
FITZ	comp=Z,10nm,0.6s			
FITZ	Fitzroy Crossi 58.15 258 eP	P	P	23 35 30.4 -0.1
KMBL	Kambalda 60.47 243 P	P	P	23 35 45.2 -1.2
KMBL	comp=Z,61.5nm,4.8			
KMBL	Chichijima 60.47 243 LR	LR	LR	23 35 56.9
KMBL	comp=Z,505nm,20.3s,baz=94,slow=32			
KMBL	Chichijima 60.47 243 LR	LR	LR	23 35 56.9
SOEI	Soe 60.98 268 IJ	IJ	IJ	23 35 50.5 +0.1

SOEI	Soe 60.98 268 eP	P	P	23 35 51.1 +0.7
SBA	Scott Base 62.53 185 eP	P	P	23 36 01.6 +2.0
SBA	comp=Z,21nm,1.1s			
SBA	Scott Base 62.53 185 eP	P	P	23 36 01.6 +2.0
VNDA	Vanda 62.66 186 P	P	P	23 36 02.0 +1.6
VNDA	comp=Z,7.6nm,1.1s,baz=5.1,slow=7.2,SNR=13			
VNDA	Vanda 62.66 186 LR	LR	LR	23 57 52.3
VNDA	comp=Z,184nm,21.6s,baz=18,slow=31			
VNDA	Vanda 62.66 186 P	P	P	23 36 02.0 +1.6
VNDA	comp=Z,8.0nm,1.1s			
VNDA	Vanda 62.66 186 P	P	P	23 36 01.9 +1.4
MBWA	Marble Bar 63.24 254 eP	P	P	23 36 04.7 -0.6
MEEK	Meekatharra 63.62 248 P	P	P	23 36 06.8 -1.0
KLBR	Kellerberrin 63.98 242 P	P	P	23 36 09.5 -0.5
NWAO	Narrogin (SRO) 64.34 241 eP	P	P	23 36 11.9 -0.4
NWAO	comp=Z,15nm,0.9s			
NWAO	Narrogin (SRO) 64.34 241 IJ	IJ	IJ	23 36 12.0 -0.4
NWAO	comp=Z,15nm,0.9s			
NWAO	Narrogin (SRO) 64.34 241 eP	P	P	23 36 11.9 -0.4
BLDU	Baldhu 64.64 243 P	P	P	23 36 15.6 -0.7
MORW	Morawa 65.95 245 P	P	P	23 36 20.5 -0.4
KAPI	Kappang 66.48 272 eP	P	P	23 36 25.7 -0.8
AMKA	Amchitka 67.53 355 eP	P	P	23 36 32.7 +0.4
ATKA	Atka Island 68.05 359 eP	P	P	23 36 34.4 -1.1
GIRL	Giralia 68.08 252 P	P	P	23 36 37.7 +1.3
SMY	Shemya 69.44 352 eP	P	P	23 36 44.5 +0.4
SMY	comp=Z,85nm,1.1s			
SMY	Shemya 69.44 352 eP	P	P	23 36 44.5 +0.4
MJAR	Matsuhiro Arr 69.55 320 P	P	P	23 36 44.6 -0.7
MJAR	comp=Z,4.0nm,0.7s,baz=125,slow=6.1,SNR=13			
MJAR	Matsuhiro 69.55 320 LR	LR	LR	00 01 36.0
MAJO	Matsuhiro 69.56 320 IJ	IJ	IJ	23 36 44.5 -0.8
MAJO	comp=Z,39nm,0.9s			
MAJO	Matsuhiro 69.56 320 eP	P	P	23 36 45.7 +0.4
MAT	Matsuhiro 69.56 320 P	P	P	23 36 44.9 -0.4
MAT	comp=Z,7.1nm,1.8s			
MAT	Matsuhiro 69.56 320 eP	P	P	23 36 45.0 -0.4
CASY	Casey 69.78 205 eP	P	P	23 36 46.5 +0.3
UNV	Unalaska Valle 69.94 4 eP	P	P	23 36 45.1 -2.1
AKUT	Akutan 70.28 5 eP	P	P	23 36 48.0 -1.3
H06E1	SOCORRO T 70.46 63 T	T	T	00 53 27.9
H06E1	SNR=3.1			
H06E1	SOCORRO T-PHASO 50 63 T	T	T	00 53 27.1
KUR	Kuril'sk 70.51 332 eP	P	P	23 36 51.7 +0.8
KUR	comp=Z,24nm,1.0s			
KUR	Kuril'sk 70.51 332 eP	P	P	23 36 51.7 +0.8
YUK	Yuzh-Kuril'sk 70.54 330 I	I	I	23 36 51.7 +0.6
MYLDM	Lahad Datu 70.68 282 eP	P	P	23 36 56.7 +4.0
BSC	Santa Cruz Isl 71.38 45 P	P	P	23 36 57.1 +0.6
SBC	Santa Barbara 71.58 45 P	P	P	23 36 57.6 +0.1
PKM	Peak Mountain 71.77 44 P	P	P	23 36 58.1 +0.4
SAO	San Andreas Ge 71.81 42 eP	P	P	23 36 59.1 0.0
SAO	comp=Z,48nm,1.1s			
SAO	San Andreas Ge 71.81 42 eP	P	P	23 36 58.4 -0.7
SAO	comp=Z,48nm,1.1s			
BLG	Laguna Peak 71.83 45 P	P	P	23 36 59.3 +0.1
LRV	Little Rabbit 71.89 42 eP	P	P	23 36 57.0 -2.6
SMMC	Simmler 71.89 44 P	P	P	23 36 59.8 +0.1
SDPT	Sand Point 72.03 8 eP	P	P	23 36 59.4 -0.5
FMP	Fort Macarthur 72.13 46 P	P	P	23 37 01.2 +0.2
NSHM	Saint Helena R 72.17 40 eP	P	P	23 37 01.8 +0.6
HOPS	Hopland 72.18 39 eP	P	P	23 37 01.9 +0.7
ASAJ	Asahikawa 72.21 328 eP	P	P	23 37 01.2 -0.1
KCPM	Cahto Peak 72.31 38 eP	P	P	23 37 03.3 +1.1
OSI	Osito Adit 72.35 45 P	P	P	23 37 02.7 +0.3
JNU	Nakatsue 72.36 313 eP	P	P	23 37 02.8 +0.3
DECC	Green Verdugo 72.42 45 P	P	P	23 37 02.7 0.0
KIPM	Iron Peak 72.45 38 eP	P	P	23 37 04.0 +1.1
109C	Camp Elliot, M 72.51 47 P	P	P	23 37 03.2 -0.1
ARVC	Arvin 72.57 44 P	P	P	23 37 03.8 +0.2
KMRM	Mail Ridge 72.58 38 eP	P	P	23 37 04.8 +1.2
VES	Vestal, Richgr 72.81 44 P	P	P	23 37 04.8 -0.2
MURC	Murrieta 72.86 46 P	P	P	23 37 05.2 0.0
BFSC	Mount Baldy Ra 72.86 46 P	P	P	23 37 05.3 -0.3
RCTC	Reactor, Farmer 72.98 43 P	P	P	23 37 05.9 -0.1
KHMM	Horse Mountain 72.99 37 eP	P	P	23 37 07.5 +1.3
MONP	Monument Peak 72.99 47 P	P	P	23 37 06.4 0.0
EDW2	Edwards Air Fo 73.00 45 P	P	P	23 37 06.2 -0.1
PET	Petrovavloski 73.00 343 eP	P	P	23 37 05.4 -0.3
PET	comp=Z,100nm,13.1s			
PET	Petrovavloski 73.00 343 eS	S	S	23 37 05.3 -0.8
PET	comp=Z,200nm,14.6s			
PET	Petrovavloski 73.00 343 eP	P	P	23 37 05.3 -0.8
PET	comp=Z,200nm,18.0s			
PET	Petrovavloski 73.00 343 eP	P	P	23 37 05.3 -0.8
PET	comp=Z,200nm,19.0s			
IBP	Imperial Blvd 73.10 48 P	P	P	23 37 07.1 +0.1
ISA	Isabella 73.11 44 eP	P	P	23 37 07.6 +0.7
ISA	comp=Z,42nm,1.3s			
ISA	Isabella 73.11 44 P	P	P	23 37 07.1 +0.2
ISA	comp=Z,39nm,1.0s			
ISA	Isabella 73.11 44 eP	P	P	23 37 07.6 +0.7
CBKC	Canebrake 73.12 48 eP	P	P	23 37 07.4 +0.5
BORC	Borrego Spring 73.20 47 eP	P	P	23 37 08.3 +1.0
CHGN	Chignik 73.23 9 eP	P	P	23 37 06.7 -0.3
CMB	Columbia Colle 73.25 41 eP	P	P	23 37 07.8 +0.1
CMB	comp=Z,30nm,1.0s			
CMB	Columbia Colle 73.25 41 eP	P	P	23 37 07.8 +0.1
PEA2	Petrovavloski 73.35 342 eP	P	P	23 37 08.3 +0.4
PETK	Petrov			

834A	Tilden	84.62	59	P	P	23 38 08.7	-1.4	comp=Z,8.0nm,0.7s	RSSD	Black Hills	86.94	42	eP	P	23 38 20.8	-0.8
231A	Bronte	84.62	55	P	P	23 38 09.0	-1.1	comp=Z,8.4nm,0.7s	436A	Wall Ranch, Ga	87.00	57	P	P	23 38 21.9	0.0
432A	Menard	84.64	56	P	P	23 38 09.3	-1.0	comp=Z,8.4nm,0.7s	Z34A	Collier Ranch,	87.04	54	P	P	23 38 21.4	-0.7
K22A	Casper	84.66	43	P	P	23 38 09.6	-0.6	comp=Z,8.4nm,0.7s	V32A	Arapaho	87.04	52	P	P	23 38 21.2	-0.8
V28A	Channing	84.67	51	P	P	23 38 09.9	-0.5	comp=Z,8.4nm,0.7s	IPM	Ipo	87.08	275	eP	P	23 38 23.9	+1.2
I21A	Big Trails, Te	84.70	42	P	P	23 38 09.8	-0.7	comp=Z,2.21nm,0.7s	I25A	Rochford	87.09	43	P	P	23 38 21.2	-1.1
AMTX	Amarillo	84.73	52	P	P	23 38 10.2	-0.5	comp=Z,2.21nm,0.7s	R30A	Dighton	87.11	49	P	P	23 38 21.3	-1.1
AMTX	Amarillo	84.73	52	eP	P	23 38 10.6	-0.2	comp=Z,2.19nm,0.8s,baz=127,slow=6.2,SNR=40	MAW	Mawson	87.13	199	P	P	23 38 22.7	+0.8
PHWY	Pilot Hill	84.75	44	eP	P	23 38 13.0	+2.1	comp=Z,2.537nm,21.3s,baz=70,slow=33	MAW	Mawson	87.13	199	eP	P	23 38 22.7	+0.8
R26A	Arlington	84.84	48	P	P	23 38 10.5	-0.8	comp=Z,2.26nm,1.8s	MAW	Mawson	87.13	199	P	P	23 38 22.7	+0.8
T27A	Campo	84.85	49	P	P	23 38 10.6	-0.7	comp=Z,2.26nm,1.8s	MAW	Mawson	87.13	199	P	P	23 38 22.7	+0.8
COLD	Coldfoot	84.85	9	eP	P	23 38 11.1	+0.6	comp=Z,2.26nm,1.8s	MAW	Mawson	87.13	199	P	P	23 38 22.7	+0.8
W29A	Amrillo	84.85	51	P	P	23 38 10.8	-0.6	comp=Z,2.26nm,1.8s	MAW	Mawson	87.13	199	eP	P	23 38 22.7	+0.8
131A	Roby	84.85	54	P	P	23 38 10.7	-0.6	comp=Z,2.26nm,1.8s	135A	Vickers Place,	87.14	55	P	P	23 38 22.1	-0.5
332A	Millersview	84.87	55	P	P	23 38 10.6	-0.8	comp=Z,2.26nm,1.8s	537A	Green Hill Far	87.14	58	P	P	23 38 22.4	-0.3
734A	La Parita Cree	84.88	58	P	P	23 38 11.1	-0.3	comp=Z,2.26nm,1.8s	N28A	Pribrreno Ranch	87.17	46	P	P	23 38 22.4	-0.3
Y30A	Stafford Cattl	84.93	53	P	P	23 38 11.1	-0.6	comp=Z,2.26nm,1.8s	336A	Riesel	87.17	56	P	P	23 38 22.1	-0.7
U28A	Mallet	84.93	50	P	P	23 38 10.9	-0.8	comp=Z,2.26nm,1.8s	U32A	Winter Ranch,	87.32	51	P	P	23 38 22.9	-0.5
533A	Kerrville	84.94	57	P	P	23 38 11.2	-0.7	comp=Z,2.26nm,1.8s	Y34A	Reagan Ranch,	87.37	54	P	P	23 38 23.2	-0.5
J22A	Midwest	85.04	42	P	P	23 38 11.5	-0.7	comp=Z,2.26nm,1.8s	Q30A	Quinter	87.42	48	P	P	23 38 23.7	-0.1
Q26A	Hugo	85.05	47	P	P	23 38 11.8	-0.5	comp=Z,2.26nm,1.8s	S31A	Mulliville	87.43	50	P	P	23 38 23.0	-0.9
232A	Coleman	85.13	55	P	P	23 38 12.1	-0.7	comp=Z,2.26nm,1.8s	H25A	Fruitdale	87.44	42	P	P	23 38 23.2	-0.7
433A	Art	85.15	56	P	P	23 38 11.9	-0.9	comp=Z,2.26nm,1.8s	Z35A	Perchaven, San	87.54	54	P	P	23 38 23.8	-0.7
X30A	Coker Ranch, T	85.17	52	P	P	23 38 12.1	-0.8	comp=Z,2.26nm,1.8s	437A	Phantom Ranch,	87.55	57	P	P	23 38 24.4	-0.2
634A	China Grove, S	85.24	58	P	P	23 38 12.5	-0.8	comp=Z,2.26nm,1.8s	X34A	Smith Ranch, M	87.55	53	P	P	23 38 24.3	-0.2
H21A	Big Horn, Sher	85.25	41	P	P	23 38 12.7	-0.4	comp=Z,2.26nm,1.8s	P30A	Selden	87.63	48	P	P	23 38 24.7	-0.1
V29A	Stinnett	85.25	51	P	P	23 38 13.0	-0.3	comp=Z,2.26nm,1.8s	236A	Katherine and	87.64	56	P	P	23 38 24.4	-0.5
EGMT	Eagleton	85.26	37	P	P	23 38 12.5	-0.5	comp=Z,2.26nm,1.8s	R31A	Durdett	87.66	49	P	P	23 38 24.6	-0.4
EGMT	Eagleton	85.26	37	eP	P	23 38 12.7	-0.3	comp=Z,2.26nm,1.8s	136A	Ennis	87.61	55	P	P	23 38 25.2	-0.6
I22A	9 Mile Ranch,	85.26	42	P	P	23 38 12.6	-0.6	comp=Z,2.26nm,1.8s	J27A	Elkhorn Farm,	87.90	44	P	P	23 38 26.0	-0.1
835A	Beeville	85.28	59	P	P	23 38 12.8	-0.6	comp=Z,2.26nm,1.8s	SKNT	Sakolnakor	87.91	288	P	P	23 38 28.1	+1.5
Z31A	Sharp Cattle R	85.29	54	P	P	23 38 12.9	-0.6	comp=Z,2.26nm,1.8s	Y35A	Marietta	87.91	54	P	P	23 38 25.8	-0.4
K23A	Bowen Ranch, D	85.29	43	P	P	23 38 12.6	-0.9	comp=Z,2.26nm,1.8s	337A	Centerville	87.92	57	P	P	23 38 26.6	+0.2
R27A	Eads	85.30	48	P	P	23 38 12.4	-1.1	comp=Z,2.26nm,1.8s	H26A	Fairpoint	87.97	42	P	P	23 38 26.1	-0.3
T28A	Walsh	85.31	49	P	P	23 38 12.2	-1.4	comp=Z,2.26nm,1.8s	438A	Sam Houston St	88.06	57	P	P	23 38 27.5	+0.5
534A	Blanco	85.38	57	P	P	23 38 13.3	-0.7	comp=Z,2.26nm,1.8s	F25A	Bowman	88.09	41	P	P	23 38 26.4	-0.5
ABTX	Abilene, Hawle	85.41	54	P	P	23 38 13.5	-0.6	comp=Z,2.26nm,1.8s	X35A	Drake	88.14	54	P	P	23 38 26.8	-0.5
ABTX	Abilene, Hawle	85.41	54	eP	P	23 38 13.7	-0.4	comp=Z,2.26nm,1.8s	P11A	Stockton	88.24	48	P	P	23 38 27.7	0.0
P26A	Davis Ranch, A	85.44	47	P	P	23 38 13.7	-0.6	comp=Z,2.26nm,1.8s	R32A	Lon Quarter,	88.30	49	P	P	23 38 28.0	-0.1
Y31A	Rekieta Farm,	85.45	53	P	P	23 38 13.5	-0.7	comp=Z,2.26nm,1.8s	338A	Crockett	88.39	57	P	P	23 38 28.6	0.0
333A	Richard Sprin	85.45	56	P	P	23 38 13.5	-0.8	comp=Z,2.26nm,1.8s	H27A	Hoves	88.43	43	P	P	23 38 28.6	+0.1
S28A	Manter	85.56	49	P	P	23 38 14.9	-0.4	comp=Z,2.26nm,1.8s	137A	Heron Place, G	88.46	56	P	P	23 38 28.7	-0.2
U29A	Oasis Ranch, S	85.56	50	P	P	23 38 14.4	-0.9	comp=Z,2.26nm,1.8s	GYA	Gulyang	88.46	298	P	P	23 38 30.0	+0.8
H22A	Clearmont	85.67	41	P	P	23 38 14.7	-0.5	comp=Z,2.26nm,1.8s	GYA	Gulyang	88.46	298	P	P	23 38 30.0	+0.8
KSCO	Kaye Shedlock	85.72	47	eP	P	23 38 13.6	-2.1	comp=Z,2.26nm,1.8s	GYA	Gulyang	88.46	298	P	P	23 38 30.0	+0.8
Z32A	Haskell	85.80	54	P	P	23 38 15.6	-0.4	comp=Z,2.26nm,1.8s	GYA	Gulyang	88.46	298	P	P	23 38 30.0	+0.8
V30A	Spur Ranch, Mi	85.82	51	P	P	23 38 15.9	-0.3	comp=Z,2.26nm,1.8s	GYA	Gulyang	88.46	298	P	P	23 38 30.0	+0.8
434A	Burnet	85.83	56	P	P	23 38 15.4	-0.8	comp=Z,2.26nm,1.8s	GYA	Gulyang	88.46	298	P	P	23 38 30.0	+0.8
X31A	McDonald Ranch	85.92	52	P	P	23 38 15.7	-0.9	comp=Z,2.26nm,1.8s	GYA	Gulyang	88.46	298	P	P	23 38 30.0	+0.8
133A	Hamilton Ranch	85.98	55	P	P	23 38 16.5	-0.4	comp=Z,2.26nm,1.8s	GYA	Gulyang	88.46	298	P	P	23 38 30.0	+0.8
R28A	Tribune	86.03	48	P	P	23 38 16.4	-0.7	comp=Z,2.26nm,1.8s	GYA	Gulyang	88.46	298	P	P	23 38 30.0	+0.8
UBPT	Khong Chiam	86.03	287	P	P	23 38 19.7	+2.2	comp=Z,2.26nm,1.8s	W35A	Tecumseh	88.48	53	P	P	23 38 28.4	-0.6
BJT	Baijiatuu	86.03	313	eP	P	23 38 18.3	+1.3	comp=Z,2.26nm,1.8s	J28A	Allard Ranch,	88.49	44	P	P	23 38 27.8	-1.0
BJT	Baijiatuu	86.03	313	eP	P	23 38 18.3	+1.3	comp=Z,2.26nm,1.8s	Y36A	Durant	88.50	54	P	P	23 38 28.8	-0.2
334A	Lometa	86.04	56	P	P	23 38 17.0	-0.3	comp=Z,2.26nm,1.8s	F26A	Lodgepole	88.56	41	P	P	23 38 28.9	-0.2
EDM	Edmonton	86.06	31	eP	P	23 38 16.3	-0.6	comp=Z,2.26nm,1.8s	Q32A	Meliter Ranch,	88.62	49	P	P	23 38 28.8	-0.8
EDM	Edmonton	86.06	31	eP	P	23 38 16.3	-0.6	comp=Z,2.26nm,1.8s	PSI	Prapat	88.63	273	eP	P	23 38 29.9	-0.4
N26A	Koester Ranch,	86.07	46	P	P	23 38 16.8	-0.5	comp=Z,2.26nm,1.8s	PSI	Prapat	88.63	273	eP	P	23 38 29.9	-0.4
Y32A	R-V Farms, Ver	86.09	53	P	P	23 38 17.0	-0.5	comp=Z,2.26nm,1.8s	PSI	Prapat	88.63	273	eP	P	23 38 29.9	-0.4
L25A	Engelbrecht Ra	86.13	44	P	P	23 38 17.0	-0.5	comp=Z,2.26nm,1.8s	X36A	Centrahoma	88.68	54	P	P	23 38 29.8	-0.1
736A	Circle Diamond	86.14	59	P	P	23 38 16.9	-0.8	comp=Z,2.26nm,1.8s	D25A	Fairfield	88.70	40	P	P	23 38 29.6	-0.1
W31A	Holland Ranch,	86.16	52	P	P	23 38 17.1	-0.7	comp=Z,2.26nm,1.8s	DGMT	Dagmar	88.74	38	P	P	23 38 29.7	-0.2
929A	Ulysses	86.24	49	P	P	23 38 17.4	-0.8	comp=Z,2.26nm,1.8s	DGMT	Dagmar	88.74	38	eP	P	23 38 30.2	+0.3
O27A	Beecher Island	86.31	46	P	P	23 38 17.7	-0.8	comp=Z,2.26nm,1.8s	I28A	Midland	88.76	43	P	P	23 38 30.3	+0.2
636A	Smothers Creek	86.33	58	P	P	23 38 18.6	0.0	comp=Z,2.26nm,1.8s	238A	Jacksonville	88.77	56	P	P	23 38 30.7	+0.4
Z33A	Whitaker Ranch	86.35	54	P	P	23 38 18.2	-0.5	comp=Z,2.26nm,1.8s	R33A	Olander Ranch,	88.79	50	P	P	23 38 30.5	+0.2
435B	Jarrell	86.37	57	P	P	23 38 17.7	-1.1	comp=Z,2.26nm,1.8s	G27A	Dupree	88.83	42	P	P	23 38 29.3	-1.1
234A	Clairette	86.37	55	P	P	23 38 18.3	-0.5	comp=Z,2.26nm,1.8s	K29A	Lazy Trails An	88.84	45	P	P	23 38 29.9	-0.7
X32A	Elmer	86.37	53	P	P	23 38 18.1	-0.7	comp=Z,2.26nm,1.8s	T34A	McCleaskey Farm	88.91	51	P	P	23 38 30.3	-0.7
V31A	Spring Creek L	86.46	51	P	P	23 38 19.0	-0.2	comp=Z,2.26nm,1.8s	E26A	Carlson Angus	88.95	41	P	P		

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Sg, Sn. Includes stations like KSP Ksiaz, VRAC Vranov, STHS Stebnicka Huta, etc.

NOU 31 01:25:32.8; 1.9, 19.56S; 167.31E, h30km, MD3.3, ML5.5

ISCJB 31 01:25:34.0; 0.9, 20.55S; 0.1; 168.3E; 0.1, h27km, mb3.8/5, MS3.2/1, Error ellipse: s-maj=22.1km s-min=7.9km

ISC 31 01:25:36.5; 1.7, 20.85S; 168.53E, h36km; 6m, mb3.6/5, mb1.3/9.6, mb1mx3.7/1, mbtmp3.8/6, ML3.3/1, MS1.3/1, ms1mx2.6/20, Error ellipse: s-maj=72.6km s-min=17.9km az=150.0

ISC 31 01:25:36.7; 1.0, 20.65S; 0.1; 168.3E; 0.1, h27km, n13, c1877/20, mb3.8/5, Loyalty Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Sg, Sn. Includes stations like LIFNC LIFOU, DZM Mont Dzumac, etc.

IDC 31 01:48:51.0; 1.2, 7.10N; 78.58W, h0km, mb3.8/7, mb1.4/0.8, mb1mx3.8/23, mbtmp3.8/8, ML2.1/1, MS2.9/3, MS1.2/9.3, ms1mx2.6/26, Error ellipse: s-maj=50.7km s-min=21.2km az=30.0

ISC 31 01:48:56.2; 1.1, 7.1N; 0.3; 78.6W; 0.2, h35km, n12, c074/10, mb3.6/7, Panama

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Sg, Sn. Includes stations like ROSC El Rosal, JOTOS Juntas Abovras, etc.

IDC 31 01:55:45.9; 5.7, 18.29S; -176.94W, h0km, mb4.1/2, mb1.4/4.2, mb1mx3.7/19, mbtmp4.1/2, Error ellipse: s-maj=280.7km s-min=45.6km az=146.0, Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Sg, Sn. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, etc.

CSEM 31 02:13:43.8; 0.1, 48.90N; 6.66E, h19km, ML2.6/21, Error ellipse: s-maj=1.4km s-min=1.3km az=117.0

STR 31 02:13:44.0; 0.2, 48.91N; 6.70E, h7km, ML2.3, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

ISCJB 31 02:13:44.5; 0.3, 48.92N; 0.02; 60E; 0.03, h25km; 4km, Error ellipse: s-maj=3.1km s-min=2.6km az=26.7

BGR 31 02:13:44.7; 0.5, 48.90N; 6.68E, h10km, ML2.1/6, Error ellipse: s-maj=5.6km s-min=3.3km az=54.0

LDG 31 02:13:44.6; 0.1, 48.90N; 6.69E, h15km, M2.6/6, M2.6/26, Error ellipse: s-maj=1.0km s-min=0.8km az=150.0

BNS 31 02:13:44.5; 0.3, 48.89N; 6.68E, h10km, ML1.9, ISC 31 02:13:44.3; 1.0, 48.90N; 0.01; 63E; 0.01, h18km; 5km, n113, c0897/199, France

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Sg, Sn. Includes stations like CDF Champ du Feu, PAGF Fort de Pagny, etc.

KTD Kalmi, 1.05 65 Pg Sg 02 14 02.9 -0.8

KTD Kalmi, 1.05 65 Pg Sg 02 14 17.0 +0.6

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 03.8 +0.2

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 05.2 +1.5

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 19.1 +0.8

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 03.8 +0.2

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 05.2 +1.5

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 19.1 +0.8

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 03.8 +0.2

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 05.2 +1.5

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 19.1 +0.8

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 03.8 +0.2

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 05.2 +1.5

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 19.1 +0.8

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 03.8 +0.2

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 05.2 +1.5

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 19.1 +0.8

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 03.8 +0.2

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 05.2 +1.5

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 19.1 +0.8

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 03.8 +0.2

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 05.2 +1.5

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 19.1 +0.8

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 03.8 +0.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Sg, Sn. Includes stations like TNS Taunus Mts, DOU Dourbes, etc.

CSEB 31 02:13:43.8; 0.1, 48.90N; 6.66E, h19km, ML2.6/21, Error ellipse: s-maj=1.4km s-min=1.3km az=117.0

STR 31 02:13:44.0; 0.2, 48.91N; 6.70E, h7km, ML2.3, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

ISCJB 31 02:13:44.5; 0.3, 48.92N; 0.02; 60E; 0.03, h25km; 4km, Error ellipse: s-maj=3.1km s-min=2.6km az=26.7

BGR 31 02:13:44.7; 0.5, 48.90N; 6.68E, h10km, ML2.1/6, Error ellipse: s-maj=5.6km s-min=3.3km az=54.0

LDG 31 02:13:44.6; 0.1, 48.90N; 6.69E, h15km, M2.6/6, M2.6/26, Error ellipse: s-maj=1.0km s-min=0.8km az=150.0

BNS 31 02:13:44.5; 0.3, 48.89N; 6.68E, h10km, ML1.9, ISC 31 02:13:44.3; 1.0, 48.90N; 0.01; 63E; 0.01, h18km; 5km, n113, c0897/199, France

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Sg, Sn. Includes stations like CDF Champ du Feu, PAGF Fort de Pagny, etc.

KTD Kalmi, 1.05 65 Pg Sg 02 14 02.9 -0.8

KTD Kalmi, 1.05 65 Pg Sg 02 14 17.0 +0.6

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 03.8 +0.2

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 05.2 +1.5

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 19.1 +0.8

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 03.8 +0.2

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 05.2 +1.5

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 19.1 +0.8

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 03.8 +0.2

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 05.2 +1.5

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 19.1 +0.8

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 03.8 +0.2

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 05.2 +1.5

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 19.1 +0.8

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 03.8 +0.2

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 05.2 +1.5

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 19.1 +0.8

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 03.8 +0.2

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 05.2 +1.5

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 19.1 +0.8

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 03.8 +0.2

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 05.2 +1.5

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 19.1 +0.8

HINF Hinterfeld, 1.09 172 ePn Pn 02 14 03.8 +0.2

NIED 31 02:30:00.40; 40N; 139.10E, h11km, Mw4.8 Best double

02:30:00.40; 40N; 139.10E, h11km, Mw4.8 Best double

02:30:00.40; 40N; 139.10E, h11km, Mw4.8 Best double

02:30:00.40; 40N; 139.10E, h11km, Mw4.8 Best double

02:30:00.40; 40N; 139.10E, h11km, Mw4.8 Best double

02:30:00.40; 40N; 139.10E, h11km, Mw4.8 Best double

02:30:00.40; 40N; 139.10E, h11km, Mw4.8 Best double

02:30:00.40; 40N; 139.10E, h11km, Mw4.8 Best double

02:30:00.40; 40N; 139.10E, h11km, Mw4.8 Best double

02:30:00.40; 40N; 139.10E, h11km, Mw4.8 Best double

GYA	PP	PnPn	02 37 44.5 +2.1		
GYA	PcP	PcP	02 39 44.3 +1.8		
GYA	S	S	02 41 40.0 -1.2		
GYA	S	S	02 42 02.8 +3.6		
GYA	SS	SS	02 43 20.5 -1.2		
GYA	PMZ				
GYA	comp=Z,20nm,0.8s				
GYA	comp=Z,130nm,4.9s				
GYA	comp=Z,590nm,17.7s				
GYA	comp=Z,540nm,18.0s				
QIZ	comp=Z,560nm,17.9s				
QIZ	Qiongzhong	33.04 238	P	02 37 07.3 +0.7	
QIZ			S	02 42 23.5 +0.8	
QIZ			SS	02 42 42.5 +1.8	
QIZ	comp=Z,6.0nm,1.4s				
QIZ	comp=Z,390nm,12.9s				
QIZ	comp=Z,170nm,13.1s				
QIZ	comp=Z,610nm,11.8s				
ATKA	Atka Island	33.65 54	eP	02 37 11.5 -0.1	
KMI	Kumming	34.02 255	P	02 37 17.0 +1.7	
KMI			pP	02 37 30.0 +3.8	
KMI			sP	02 37 35.5 +4.6	
KMI			PnPn	02 38 31.0 +1.7	
KMI			S	02 42 37.3 -1.0	
KMI			SS	02 42 59.3 +3.1	
KMI			SSn	02 44 45.3 -1.8	
KMI	comp=Z,7.0nm,1.1s				
KMI	comp=Z,99nm,4.1s				
KMI	comp=Z,740nm,15.0s				
KMI	comp=Z,600nm,13.0s				
WMQ	Urumqi	37.87 293	P	02 37 49.8 +1.8	
WMQ			pP	02 38 00.0 +1.0	
WMQ			sP	02 38 09.0 +5.4	
WMQ			PnPn	02 39 19.8 +3.6	
WMQ			S	02 43 37.0 +0.4	
WMQ			SSn	02 46 14.0 -5.6	
WMQ	comp=Z,18nm,0.8s				
WMQ	comp=Z,96nm,4.1s				
WMQ	comp=Z,320nm,12.4s				
WMQ	comp=Z,280nm,12.0s				
WMQ	comp=Z,130nm,14.0s				
NONG	Nongkai	38.22 245	P	02 37 50.7 -0.3	
SKNT	Sakalakovn	38.40 243	P	02 37 52.7 +0.2	
ZALV	Zalesovo Beam	38.40 309	P	02 37 50.5 -1.6	
ZALV	comp=Z,7.5nm,0.8s,baz=82,slow=8.0		PcP	02 40 05.0 +0.1	
ZALV	comp=Z,31nm,0.9s,baz=93,slow=2.6,SNR=28		PcP		
CRAI	Chiangrai	38.74 250	P	02 37 53.1 -2.3	
NVS	Novosibirsk	39.29 311	eP	02 37 58.8 -0.8	
NVS			eS	02 39 40.1	
NVS			eS	02 43 56.2 -1.3	
NVS	comp=N,6.0nm,1.4s		pmax		
NVS	comp=E,8.0nm,1.4s		pmax		
NVS	comp=Z,14nm,1.4s		pmax		
NVS	comp=N,13nm,2.1s		pmax		
NVS	comp=E,28nm,2.1s		pmax		
NVS	comp=Z,23nm,2.1s		pmax		
NVS	comp=N,13nm,0.9s		smax		
NVS	comp=E,8.0nm,1.3s		smax		
CMAI	Chienmai2	39.89 251	P	02 38 06.1 +0.9	
LOEI	Loei	39.90 246	P	02 38 02.1 -3.0	
LOEI	comp=E,47nm,0.7s,comp=E,4um				
UTTA	Uttaradi	40.24 247	P	02 38 07.5 -0.4	
LSA	Lhasa	40.36 270	eP	02 38 08.9 -0.5	
LSA	comp=Z,11nm,0.6s		pmax		
LSA	comp=Z,11nm,0.6s		pmax		
CHAI	Chaiyaphum	40.51 244	P	02 38 18.5 +8.4	
CMMT	Chiang Mai	40.68 250	P	02 38 11.1 -0.5	
CHTO	Chiang Mai	40.68 250	P	02 38 11.2 -0.4	
CHTO	Chiang Mai	40.68 250	eP	02 38 11.0 -0.6	
CHTO	comp=Z,17nm,1.0s		pmax		
CHTO	comp=Z,17nm,1.0s		pmax		
MK31	Makanchi Array	40.93 298	P	02 38 11.9 -1.5	
MK31	comp=Z,6.0nm,0.5s		pmax		
MKAR	Makanchi Array	40.93 298	P	02 38 11.7 -1.7	
MKAR	comp=Z,6.0nm,0.9s,baz=83,slow=9.9,SNR=32		PcP	02 40 12.7 -0.5	
MKAR	comp=Z,5.9nm,0.9s,baz=72,slow=4.3,SNR=6.4		LR	02 55 34.2	
MKAR	comp=Z,99nm,19.6s,baz=105,slow=37		LR		
MKAR	Makanchi Array	40.93 298	P	02 38 12.3 -1.1	
MKAR	Makanchi Array	40.93 298	eP	02 38 12.3 -1.1	
MKAR	Makanchi Array	40.93 298	eP	02 38 12.7 -0.5	
MKAR	Makanchi Array	40.93 298	eP	02 38 19.0 -2.8	
SHL	Shilling	41.91 264	eP	02 38 26.1 +1.8	
SMPI	Sarmi	42.25 181	P	02 38 26.1 +1.8	
GTOI	Gorontalo	42.30 205	P	02 38 24.0 -0.8	
UMPA	Umpang Tak	42.47 247	pP	02 38 36.9 -0.5	
KURK	Kurchatov	42.54 305	P	02 38 25.4 -1.0	
KURK	Kurchatov	42.54 305	P	02 40 18.2	
KURK	Kurchatov	42.54 305	P	02 38 25.4 -1.0	
KURK	Kurchatov	42.54 305	P	02 40 18.2 -0.1	
KURBB	Kurchatov Arra	42.61 305	P	02 38 25.4 -1.6	
KURBB	comp=Z,12nm,0.7s,baz=81,slow=8.6,SNR=59		PcP	02 40 18.2 -0.4	
MRSI	Marisa	42.80 206	P	02 38 29.0 +0.2	
MRSI	comp=Z,93nm,0.9s,comp=Z,3um				
GENI	Genyem	42.85 179	P	02 38 30.9 +1.7	
MPSI	Mappa	43.64 209	P	02 38 36.0 +0.4	
FAKI	Fak Fak	43.64 190	P	02 38 35.7 +0.1	
FAKI	comp=Z,82nm,0.9s		eP	02 38 35.1 -0.5	
PDGK	Podgornye	43.76 294	P	02 38 34.5 -1.8	
PDGK	comp=Z,16nm,1.2s		pmax		
SVW2	Sparrevohn	43.89 39	eP	02 38 38.5 +1.3	
APSI	Ampana	44.19 206	P	02 38 40.4 +0.4	
PHET	Keang Krachan	44.23 243	P	02 38 41.1 +0.7	
IM04	Indian Mountain	45.32 42	eP	02 38 43.7 +0.9	
RSO	Redoubt South	45.32 40	eP	02 38 48.4 -0.5	
PPLA	Purkeypile	45.39 37	eP	02 38 51.5 +2.2	
CAST	Castle Rocks	45.40 36	eP	02 38 51.6 +2.3	
OHAK	Old Harbor	45.45 45	eP	02 38 50.0 +0.3	

KDAD	Kodiak Island	45.75 44	iP	P	02 38 52.6 +0.7	
KDAD	Kodiak Island	45.75 44	eP	P	02 38 52.0 0.0	
BPAW	Bear Paw Mtn	45.84 35	eP	P	02 38 54.3 +1.6	
KTH	Kantishna Hill	45.91 36	eP	P	02 38 55.2 +1.9	
COLD	Coldfoot	46.03 31	eP	P	02 38 55.2 +1.2	
COLD	comp=Z,22nm,1.0s		ePcP	P	02 40 31.6 +1.6	
TRF	Thorofare Moun	46.20 36	eP	PcP	02 38 56.7 +1.0	
BRLK	Bradley Lake	46.34 41	eP	P	02 38 58.0 +1.4	
BWN	Browne	46.50 35	eP	P	02 39 00.7 +2.8	
TKM2	Tokmak 2	46.58 295	eP	P	02 38 58.4 -0.7	
TKM2	comp=Z,19nm,0.9s		pmax			
TKM2	comp=Z,19nm,0.9s		eP	P	02 38 58.4 -0.7	
RC01	Rabbit Creek A	46.72 39	eP	P	02 39 00.3 +0.7	
RC01	comp=Z,43nm,1.1s		ePcP	P	02 40 33.2 +0.7	
MCK	McKinley	46.78 35	eP	P	02 39 01.3 +1.2	
MCK	comp=Z,38nm,1.1s		pmax			
MCK	McKinley	46.78 35	eP	P	02 39 01.3 +1.2	
KSM	Kuching	46.84 222	eP	P	02 39 01.0 0.0	
PMR	Palmer	46.94 38	eP	P	02 39 01.8 +0.5	
PMR	comp=Z,23nm,1.0s		pmax			
PMR	Palmer	46.94 38	eP	P	02 39 01.8 +0.5	
PMR	comp=Z,23nm,1.0s		eP	P	02 39 02.0 +0.2	
SEW	Seward	47.00 40	eP	P	02 39 01.5 -0.8	
BVA0	Borovoye Array	47.05 310	iP	P	02 39 02.0 -0.8	
BVA0	comp=Z,15nm,0.8s		pmax			
OTUK	Ortayu	47.10 303	P	P	02 39 01.5 -1.3	
OTUK	comp=Z,22nm,1.2s		pmax			
BRVK	Borovoye	47.11 310	iP	P	02 39 02.2 -0.5	
BRVK	comp=Z,10.0nm,0.8s		pmax			
BRVK	Borovoye	47.11 310	P	P	02 39 02.7 0.0	
BRVK	comp=Z,9.5nm,0.9s,SNR=8.3		eP	P	02 39 02.4 -0.4	
BRVK	Borovoye	47.11 310	eP	P	02 39 02.4 -0.4	
COLA	College	47.13 34c	iP	P	02 39 03.9 +1.2	
COLA	comp=Z,100nm,1.0s		pmax			
COLA	College	47.13 34	eP	P	02 39 04.4 +1.7	
CCB	Clear Creek Bu	47.18 34	eP	P	02 39 04.1 +1.0	
SML	Sawmill	47.29 38	eP	P	02 39 04.8 +0.7	
SML	comp=Z,10.0nm,1.1s		pmax			
SML	Sawmill	47.29 38	eP	P	02 39 04.8 +0.7	
SML	comp=Z,10nm,1.1s		eP	P	02 39 12.0 +7.6	
FRU	Bishkek	47.29 295	eP	P	02 39 05.0 -0.7	
AAK	Ala-Archa	47.44 295	eP	P		
AAK	comp=Z,6.0nm,1.0s		pmax			
AAK	Ala-Archa	47.44 295	eP	P	02 39 05.2 -0.6	
AAK	comp=Z,5.1nm,0.9s		eP	P	02 39 08.8 +2.3	
KSH	Kashi	47.54 291	eP	P	02 39 07.5 +5.2	
KSH			S	P	02 45 58.0 -0.9	
KSH	comp=Z,22nm,2.2s		PMZ			
KSH	comp=Z,190nm,8.0s		LN			
KSH	comp=Z,380nm,12.3s		LE			
KSH	comp=Z,420nm,12.4s		LZ			
DHY	Denali Highway	47.55 36	eP	P	02 39 07.1 +0.9	
ILAR	Eielson Array	47.55 34	P	P	02 39 06.7 +0.6	
HDA	Harding Lake	47.57 34	eP	P	02 39 06.9 +0.7	
EKS2	Erkin-Say	47.93 295	eP	P	02 39 08.2 -1.3	
EKS2	comp=Z,5.0nm,0.8s		pmax			
EKS2	Erkin-Say	47.93 295	eP	P	02 39 08.2 -1.3	
KBKI	Kotabaru	48.41 212	P	P	02 39 13.4 +0.2	
PAX	Paxson	48.43 36	eP	P	02 39 13.4 +0.4	
PAX	comp=Z,7.0nm,0.8s		pmax			
PAX	Paxson	48.43 36	eP	P	02 39 13.4 +0.4	
PAX	comp=Z,7.4nm,0.8s		pmax			
KLU	Klutina	48.48 38	eP	P	02 39 14.5 +1.2	
DIV	Divide	48.61 39	eP	P	02 39 15.5 +1.1	
HARP	Harp	48.67 37	eP	P	02 39 16.3 +1.6	
KAPI	Kappang	48.67 206	P	P	02 39 15.0 -0.1	
KAPI	comp=Z,52nm,0.9s		eP	P	02 39 14.8 -0.3	
KAPI	Kappang	48.67 206	eP	P	02 39 14.8 -0.3	
KAPI	comp=Z,497nm,0.8s,SNR=5.8		eP	P	02 39 17.2 +2.0	
EYAK	Cordova Ski Ar	48.74 39	eP	P	02 39 16.2 -0.2	
BKSI	Bulukumba	48.83 206	P	P	02 39 15.7 -1.0	
BKSI	comp=Z,11nm,0.7s		pmax			
MNAS	Manas	48.87 296	P	P	02 39 18.1 -0.4	
MNAS	comp=Z,19nm,0.8s		pmax			
BKBI	Banjur Baru	49.10 213	P	P	02 39 20.0 +1.1	
BKBI	comp=Z,136nm,1.0s		eP	P	02 39 19.0 -0.6	
BMR	Bremner River	49.20 39	eP	P	02 39 25.3 +0.7	
BMR	comp=Z,27nm,0.9s		eP	P	02 39 23.8 -1.4	
KULM	Kulim	49.23 235	eP	P	02 39 24.2 -1.0	
KULM	comp=Z,15nm,1.0s		eP	P	02 40 44.7	
EGAK	Eagle	49.98 33	eP	P	02 39 24.1 -1.0	
KK31	Karatay Array	50.01 297	iP	P	02 40 44.7 -0.1	
KK31	comp=Z,3.0nm,0.5s		pmax			
KKAR	Karatay Array	50.01 297	eP	P	02 39 36.2 +0.1	
KKAR	comp=Z,84nm,0.8s		eP	P	02 39 37.0 +0.8	
KKAR	Karatay Array	50.01 297	eP	P	02 39 39.7 +0.7	
KKAR	comp=Z,50nm,1.3s		eP	P	02 39 39.1 -0.2	
SOEI	Soe	51.85 199	eP	P	02 39 38.7 -0.6	
SOEI	comp=Z,97nm,1.1s,comp=Z,1um		eP	P	02 39 38.0 -1.6	
SOEI	Soe	51.85 199	eP	P	02 39 42.4 +1.3	
SOEI	comp=Z,79nm,0.9s		eP	P	02 39 41.9 +1.2	
CHLP	Challavanipeta	51.89 262	eP	P	02 39 42.4 0.0	
CHLP	Pangkal Pinang	52.09 224	P	P		
CHLP	comp=Z,33nm,1.3s,comp=Z,6um		eP	P		
INK	Inuvik	52.14 28	eP	P	02 39 42.4 0.0	
INK	comp=Z,34nm,0.7s,baz=294,slow=5.7,SNR=136		eP	P		
PSI	Prapat	52.24 235	eP	P	02 39 42.4 0.0	
PSI	comp=Z,25nm,1.1s		pmax			
PSI	Prapat	52.24 235	eP	P	02 39 42.4 0.0	
PSI	comp=Z,25nm,1.1s		eP	P	02 39 45.0 +1.4	
BATI	Bahtak	52.43 199	P	P	02 39 44.0 -0.2	
BATI	comp=Z,48nm,0.9s		eP	P		
SOKR	Solkamsk	52.60 321	eP	P	02 39 45.0 -0.1	
SOKR	comp=Z,20nm,1.1s		pmax			
ARU	Arti	52.70 316c	iP	P	02 39 45.0 -0.1	
ARU	comp=Z,52nm,0.7s,SNR=6.5		eP	P</		

APE H34A	Apeiranthos Spellman Lake, baz=82	81.81	312	11	P	P	02 42 49.4	-0.4
214A	Organ Pipe Nat baz=82	81.91	55	P	P		02 42 51.4	+1.0
140A	Organ Pipe Nat comp=Z,11nm,0.9s	81.91	55	eP	P		02 42 51.8	+1.3
I33A	Coleman baz=82	81.92	37	P	P		02 42 50.7	+0.5
J32A	Parkston baz=82	81.95	38	P	P		02 42 50.5	+0.1
O27A	Beecher Island baz=82	82.03	43	P	P		02 42 51.3	+0.3
P26A	Davis Ranch, A baz=82	82.04	44	P	P		02 42 51.5	+0.3
ECH	Echery comp=Z,21nm,0.9s	82.04	330	eP	P		02 42 50.9	+0.1
ECH	Echery	82.04	330	eP	P	pmax		
ECH	Echery	82.04	330	eP	P		02 42 50.9	+0.1
DSB	Dublin comp=Z,21nm,0.9s	82.06	340	eP	P		02 42 50.7	0.0
K31A	O'Neill baz=82,SNR=5.2	82.08	39	P	P		02 42 51.5	+0.3
FUORN	Ofenpass-Fuorn comp=Z,44nm,0.8s	82.10	327	eP	P		02 42 52.2	+0.7
L30A	Spencer Herefo baz=82	82.12	40	P	P		02 42 51.6	+0.2
N28A	Pribbeno Ranch baz=82	82.15	42	P	P		02 42 52.1	+0.5
SDCO	Great Sand Dun baz=82,SNR=1.7	82.18	46	P	P		02 42 53.3	+1.2
SDCO	Great Sand Dun comp=Z,11nm,1.0s	82.18	46	eP	P		02 42 53.0	+0.9
ECSD	EROS Data Cent baz=82,SNR=12	82.25	37	P	P		02 42 52.1	+0.1
ECSD	EROS Data Cent comp=Z,14nm,0.8s	82.25	37	eP	P		02 42 52.1	+0.1
L31A	Butterfield Fa baz=82,SNR=7.5	82.38	40	P	P		02 42 53.1	+0.3
J33A	Davis baz=82	82.40	38	P	P		02 42 52.8	0.0
Q26A	Hugo baz=82	82.41	44	P	P		02 42 53.7	+0.6
O28A	Krutsinger Ran baz=82	82.44	43	P	P		02 42 53.6	+0.4
P27A	Ficken Ranch, baz=82	82.44	43	P	P		02 42 53.5	+0.2
SCHO	Schefferville 82.49 15 P P	82.49	15	P	P		02 42 53.4	+0.3
SCHO	Schefferville comp=Z,19nm,0.9s,baz=82,slow=4.4,SNR=8.5	82.49	15	eP	P		02 42 53.8	+0.8
N29A	Votaw Ranch, W baz=82	82.51	41	P	P		02 42 53.9	+0.4
TUE	Stuetta comp=Z,19nm,0.9s	82.60	328	eP	P		02 42 54.2	+0.2
SPMN	St. Paul baz=83	82.78	34	P	P		02 42 54.9	+0.2
SPMN	St. Paul comp=Z,16nm,1.1s	82.78	34	eP	P		02 42 54.3	-0.4
P28A	Saint Francis baz=83	82.86	43	P	P		02 42 55.7	+0.4
J34A	George baz=83	82.90	37	P	P		02 42 55.6	+0.2
R26A	Arlington baz=83,SNR=18	82.90	45	P	P		02 42 55.9	+0.2
L32A	Elgin baz=83	82.91	39	P	P		02 42 55.8	+0.3
K33A	Hardington baz=83	82.93	38	P	P		02 42 56.0	+0.4
M31A	Lambrecht Ranc baz=83	82.94	40	P	P		02 42 55.9	+0.2
O29A	4D Ranch, Culb baz=83	82.94	42	P	P		02 42 56.0	+0.3
J35A	Milford baz=83	83.18	37	P	P		02 42 56.6	-0.2
Q28A	Sharon Springs baz=83,SNR=5.5	83.20	43	P	P		02 42 57.0	-0.1
T25A	Trinidad baz=83,SNR=18	83.22	46	P	P		02 42 57.9	+0.5
R27A	Eads baz=83	83.26	44	P	P		02 42 57.5	0.0
P29A	Atwood baz=83	83.27	42	P	P		02 42 57.6	+0.2
O30A	MW Ranch, Wils baz=83	83.28	42	P	P		02 42 57.9	+0.4
K34A	Le Mars baz=83	83.30	38	P	P		02 42 57.5	+0.1
BGNE	Belgrade baz=83	83.30	40	P	P		02 42 58.1	+0.6
BGNE	Belgrade comp=Z,46nm,0.6s	83.30	40	eP	P		02 42 58.1	+0.6
S26A	Kim baz=83,SNR=6.8	83.38	45	P	P		02 42 58.5	+0.4
SENI	Lac Senin/Sane comp=Z,27nm,1.3s	83.51	329	eP	P		02 42 59.2	+0.5
COWI	Conover comp=Z,12nm,0.9s	83.59	32	eP	P		02 42 59.1	+0.2
M33A	Taylor Creek F baz=83	83.64	39	P	P		02 42 59.5	+0.3
LAZ	Ladron comp=Z,7.6nm,1.0s	83.64	50	eP	P		02 43 00.6	+1.0
T26A	Comanche Natio baz=84,SNR=12	83.64	46	P	P		02 42 60.0	+0.4
ANMO	Albuquerque comp=Z,31nm,1.2s	83.64	49	eP	P	pmax		
ANMO	Albuquerque	83.64	49	eP	P		02 43 01.2	+1.6
P30A	Selden baz=84	83.66	42	P	P		02 42 59.8	+0.4
O31A	Woolen Ranch, baz=84	83.67	41	P	P		02 42 59.4	-0.1
L34A	Svendsen Farm, baz=84	83.72	38	P	P		02 42 59.6	0.0
Q29A	Oakley baz=84,SNR=6.5	83.77	43	P	P		02 42 59.9	-0.1
M34A	Aspy Farms, Fr baz=84	83.98	39	P	P		02 43 01.3	+0.3
R29A	Marienthal baz=84	84.03	43	P	P		02 43 01.4	0.0
Q30A	Quinter baz=84	84.10	42	P	P		02 43 01.7	0.0
AQU	L'Aquila comp=Z,45nm,1.0s	84.11	323	eP	P	pmax		
AQU	L'Aquila	84.11	323	eP	P		02 43 02.6	+0.9
O32A	Brockman Farm, baz=84	84.11	40	P	P		02 43 01.7	+0.1
P31A	Stockton baz=84	84.12	42	P	P		02 43 01.7	-0.1
N33A	J Bar K, Exete baz=84	84.15	40	P	P		02 43 01.8	-0.1
T27A	Campo baz=84	84.20	45	P	P		02 43 02.5	+0.2
S28A	Mantar baz=84,SNR=5.5	84.25	44	P	P		02 43 02.8	+0.3
DAMY	Dhamar comp=Z,225nm,2.3s	84.32	284	eP	P		02 43 04.3	+0.9
M35A	Neola baz=84,SNR=6.8	84.43	38	P	P		02 43 03.2	-0.1
P32A	Huitting Farm, baz=84,SNR=7.4	84.44	41	P	P		02 43 03.0	-0.3
CBKS	Cedar Bluff baz=84	84.47	42	P	P		02 43 03.6	+0.1
T28A	Walsh baz=84	84.48	45	P	P		02 43 04.0	+0.2
Q31A	Ellis baz=84	84.50	42	P	P		02 43 04.1	+0.4
N34A	Lincoln baz=84	84.53	39	P	P		02 43 03.7	-0.1
121A	Cookes Peak, D baz=84,SNR=2.7	84.58	51	P	P		02 43 06.0	+1.6
121A	Cookes Peak, D comp=Z,30nm,1.0s	84.58	51	eP	P		02 43 05.7	+1.3
R30A	Dighton baz=84,SNR=5.1	84.59	43	P	P		02 43 04.3	+0.2
O33A	Hebron baz=84	84.59	40	P	P		02 43 03.6	-0.6
S29A	Ulysses baz=84	84.64	44	P	P		02 43 04.8	+0.3
BNI	Bardonecchia 84.83 328 eP P	84.83	328	eP	P	pmax		
BNI	Bardonecchia	84.83	328	eP	P		02 43 05.7	+0.3
BNI	Bardonecchia comp=Z,12nm,0.9s	84.83	328	eP	P		02 43 05.7	+0.3
T29A	Hugoton baz=85	84.89	44	P	P		02 43 06.0	+0.3

N35A	Tabor baz=85,SNR=8.0	84.93	39	P	P		02 43 06.1	+0.3
Q32A	Meitler Ranch, baz=85	84.94	41	P	P		02 43 06.0	+0.2
O34A	Beatrice baz=85,SNR=5.2	84.95	40	P	P		02 43 05.2	-0.7
U28A	Mallet baz=85	84.97	45	P	P		02 43 06.7	+0.5
R31A	Burdett baz=85	84.97	42	P	P		02 43 06.4	+0.3
S30A	Montezuma baz=85	84.97	43	P	P		02 43 06.2	0.0
V27A	Dan Oppiter Fa baz=85,SNR=7.0	85.09	46	P	P		02 43 07.1	+0.2
O35A	Humboldt baz=85	85.26	39	P	P		02 43 07.6	+0.2
R32A	Long Quarter, baz=85	85.29	42	P	P		02 43 08.2	+0.6
Q33A	Connelly Farm, baz=85,SNR=6.8	85.30	41	P	P		02 43 07.5	-0.2
P34A	Walnut Farm, R baz=85,SNR=6.0	85.37	40	P	P		02 43 07.7	-0.3
V28A	Channing baz=85	85.44	46	P	P		02 43 09.0	+0.5
SSB	Saint Sauveur 85.48 330 eP P	85.48	330	eP	P	pmax		
SSB	Saint Sauveur comp=Z,12nm,0.8s	85.48	330	eP	P		02 43 08.7	+0.2
SSB	Saint Sauveur comp=Z,12nm,0.8s	85.48	330	eP	P		02 43 08.7	+0.2
S31A	Mullinville baz=85	85.50	43	P	P		02 43 09.2	+0.4
U30A	WK&E Inc. Balk baz=85	85.70	44	P	P		02 43 10.2	+0.4
S32A	Newby Ranch, P baz=85	85.72	43	P	P		02 43 10.4	+0.6
V29A	Stinnett baz=85	85.73	45	P	P		02 43 10.6	+0.6
JFWS	Jewell Farm 85.73 34 eP P	85.73	34	eP	P	pmax		
JFWS	Jewell Farm comp=Z,10.0nm,0.8s	85.73	34	eP	P		02 43 09.3	-0.4
JFWS	Jewell Farm comp=Z,10nm,1.8s	85.73	34	eP	P		02 43 09.3	-0.4
R33A	Olander Ranch, baz=86	85.75	42	P	P		02 43 10.6	+0.7
P35A	Duane Minner, baz=86	85.78	40	P	P		02 43 11.0	+0.6
T31A	Randall Ranch, baz=86	85.79	43	P	P		02 43 10.6	+0.8
Q34A	Chapman baz=86	85.80	41	P	P		02 43 10.3	+0.2
O36A	Bolkow baz=86	85.82	39	P	P		02 43 11.0	+0.8
K5U1	Kansas State U baz=86,SNR=5.4	85.82	40	eP	P		02 43 10.1	-0.2
K5U1	Kansas State U comp=Z,16nm,0.7s	85.82	40	eP	P		02 43 10.3	+0.1
P36A	Good Intent, A baz=86	86.10	39	P	P		02 43 12.3	+0.7
R34A	Isabella, Hill baz=86	86.12	41	P	P		02 43 12.6	+0.8
W29A	Amrillo baz=86	86.22	46	P	P		02 43 13.3	+0.9
U31A	Nine Bar Ranch, baz=86	86.25	44	P	P		02 43 13.4	+0.9
V30A	Spur Ranch, MI baz=86	86.26	45	P	P		02 43 13.1	+0.5
S33A	Kaszmual Farm, baz=86	86.28	42	P	P		02 43 13.1	+0.6
Q35A	Merger Eighty, baz=86	86.29	40	P	P		02 43 12.8	+0.2
X28A	Dimmitt baz=86	86.36	47	P	P		02 43 13.9	+0.7
AMTX	Amarello baz=86	86.37	46	P	P		02 43 13.4	+0.3
AMTX	Amarello comp=Z,16nm,0.8s	86.37	46	eP	P		02 43 13.6	+0.5
GLMI	Graying comp=Z,9nm,0.6s	86.41	30	eP	P		02 43 14.0	+1.0
MSTX	Muleshoe baz=86,SNR=6.2	86.44	47	P	P		02 43 13.9	+0.4
MSTX	Muleshoe comp=Z,44nm,1.8s	86.44	47	eP	P		02 43 13.6	+0.1
T33A	Patterson Ranch, baz=86	86.55	43	P	P		02 43 14.5	+0.6
R35A	Emporia Munic baz=86,SNR=6.4	86.63	40	P	P		02 43 14.7	+0.4
S34A	Willow Spring baz=86,SNR=5.8	86.65	41	P	P		02 43 14.4	+0.1
X29A	Tulia baz=86	86.69	46	P	P		02 43 15.5	+0.8
V31A	Spring Creek L, baz=86	86.70	44	P	P		02 43 15.8	+1.0
Y28A	McKinney Farm, baz=87	86.78	47	P	P		02 43 15.6	+0.4
R36A	Goon, Harris baz=87,SNR=5.2	86.97	40	P	P		02 43 16.0	+0.1
Q37A	Longview Farm, baz=87	87.05	39	P	P		02 43 16.8	+0.6
S35A	Otter Creek Ra baz=87,SNR=1.4	87.07	41	P	P		02 43 16.9	+0.6
W31A	Holland Ranch, baz=87,SNR=5.7	87.09	45	P	P		02 43 17.3	+0.7
U33A	Lingo Farm, Me baz=87	87.11	43	P	P		02 43 17.3	+0.7
T34A	McClaskey Farm baz=87,SNR=7.6	87.14	42	P	P		02 43 17.2	+0.4
Y29A	Porterfield Fa baz=87	87.14	47	P	P		02 43 17.8	+0.9
X30A	Coker Ranch, T baz=87	87.14	46	P	P		02 43 17.3	+0.4
Z28A	Tucker Farm, M baz=87,SNR=8.1	87.16	48	P	P		02 43 17.6	+0.5
V32A	Arapaho baz=87	87.17	44	P	P		02 43 17.9	+0.9
R37A	Teagarden Farm, baz=87	87.31	40	P	P		02 43 17.6	+0.1
S36A	Lake Cedric, C baz=87	87.39	40	P	P		02 43 18.2	+0.2
U34A	Anderson Ranch baz=87,SNR=7.1	87.41	42	P	P		02 43 18.8	+0.7
U34A	Anderson Ranch comp=Z,46nm,1.3s	87.41	42	eP	P		02 43 19.2	+1.1
V33A	Lossen Ranch, baz=87	87.49	43	P	P		02 43 18.9	+0.4
X31A	McDonald Ranch baz=87,SNR=9.2	87.49	45	P	P		02 43 19.0	+0.4
W32A	Sentinel baz=87,SNR=6.1	87.51	44	P	P		02 43 19	

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Rows include PETK, UGLR, SMAR, KRX, SPN, GNL, MKZ, KZV, TUMR, KBTR, ILAR, H11N2, H11N3, H11N1, H11S1, H11S3, H11S2, INK, MKAR, NVAR, TXAR, TXAR.

ISCJB 31 07:12:52.1±0.2, 42°52'N±0°02'13.15E±0°02', h13km±1km, mb3.4/2, MS2.8/2, Error ellipse: s-maj=2.9km s-min=2.2km

ROM 31 07:12:52.4±0.1, 42°52'N±13°23'E, h10km, ML3.6/22, Error ellipse: s-maj=1.1km s-min=0.8km az=77.0

LDG 31 07:12:52.6±0.1, 42°48'N±13°24'E, h2km, MG3.3/15, Error ellipse: s-maj=2.7km s-min=2.1km az=37.0

CSEM 31 07:12:52.7±0.1, 42°51'N±13°16'E, h2km, ML3.9/8, Error ellipse: s-maj=2.7km s-min=2.2km az=23.0

IDC 31 07:12:53.4±1.1, 42°71'N±12°85'E, h0km, mb3.4/3, mb1 3.8/5, mb1mx2.3/39, mbtmp3.4/10, ML3.5/7, MS2.8/5, MS1 2.8/5, ms1mx2.4/30, Error ellipse: s-maj=21.0km s-min=13.1km az=98.0

VIE 31 07:12:53.5±0.7, 42°52'N±13°53'E, h10km, mb3.6/7, ml3.4/9, Error ellipse: s-maj=14.5km s-min=5.5km az=105.0

PRU 31 07:12:53.6, 42°54'N±13°50'E, h0km PDG 31 07:12:54.1±0.2, 42°52'N±13°29'E, h6km, ML3.6/11, Error ellipse: s-maj=0.4km s-min=1.0km az=0.0

ISC 31 07:12:53.5±0.8, 42°53'N±0°02'13.18E±0°02', h10km±5km, n160, r198/223, 17C-13D, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Rows include SM1, AQU, FIAM, T0104, AQU, FIAM, T0106, TERO, TERO, MNS, FAGN, FAGN, CESX, CESX, VCEL, VCEL, FDMO, FDMO, CESI, CESI, CESI, PTQR, PTQR, OFFI, OFFI.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Rows include CERT, MTCE, TRTR, VVLD, GUAR, GUAR, GUMG, CING, CING, MGAB, MGAB, LPEL, LPEL, GIUL, GIUL, ARVD, ARVD, SACS, AOI, AOI, SKDS, SKDS, SKDS, SKDS, PGF, PGF, PGF, PGF, GBRS, GBRS, BOJS, BOJS, BOJS, BOJS, LJUJ, LJUJ, LJUJ, LJUJ, GORS, GORS, GORS, GORS, HCY, HCY, HCY, BRY, BRY, BRY, MYKA, MYKA, BUM, BUM, BUM, ABTA, ABTA, UPM, UPM, UPM, NKME, NKME, NKME, NKME, NKY, NKY, NKY, PERS, PERS, PERS, SBF, SBF, DRME, DRME, DRME, ULC, ULC, ULC, ULC, ULC, PLE, PLE, PLE, BBSL, BBSL, FETA, FETA, FETA, DAVOX, DAVOX, DAVOX, FRF, FRF, FRF, WATA, WATA, WATA, BEY, BEY, BEY, IVA, IVA, LMR, LMR, PVY, PVY, PVY, MOTA, MOTA, MOTA, MOTA, TEKS, TEKS, MBDF, MBDF, MBDF, MBDF.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Rows include DIVS, MOA, MOA, MOA, LPGA, LPGA, LPL, LPL, GRUS, SMRF, SMRF, ORIF, ORIF, SELS, GERES, GERES, BARS, CABF, CABF, CABF, CABF, VIVF, VIVF, VIVF, VIVF, KHC, KHC, KHC, KHC, KHC, KHC, HINF, HINF, HINF, HINF, VYRH, VYRH, VYRH, VYRH, CDF, CDF, CDF, CDF, HAU, HAU, HAU, HAU, KEST, KEST, GOPC, GOPC, PRU, PRU, NKC, NKC, NKC, NKC, KECS, KECS, DPC, DPC, DPC, DPC, DPC, DPC, LOR, LOR, LOR, LOR, LOR, LOR, LOR, LOR, AKASA, AKASA, BRTR, HFS, NOA, NOA, NOA, FINES, KBZ, KBZ, TORD, TORD, MKAR, MKAR, ISCJB 31 07:28:22.1±0.6, 7°88'S±0°07'108°33'E±0°04', h97km±7km, Error ellipse: s-maj=12.4km s-min=6.1km az=8.6, AUST 31 07:28:22.4±0.0, 7°90'S±108°32'E, h111km, Error ellipse: s-maj=1.1km s-min=0.7km az=342.0, DJA 31 07:28:23.2±0.4, 8°58'S±10°8'E±1°, h81km±5km, ML4.2/4, MLV4.2/4, ISC 31 07:28:23.1±1.3, 7°88'S±0°07'108°34'E±0°04', h93km±10km, n22, r054/25, Jawa CMJJI, CMJJI, CISI, CISI, CISI, CISI, KPJI, KPJI, LEM, LEM, LEM, CNJI, CNJI, UGM, UGM, SMRI, SMRI, WOJI, WOJI, PCJJI, PCJJI, PWJI, PWJI, XMI, XMI, XMI, XMI, JAGI, JAGI, MNAI, GIRL, MTN, MANU, MANU.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WESE West Dahl East, WESP West Dahl Peak, WESN West Dahl North, etc.

ISCJB 31 07:48:52.815, 40.6161N, 0.06124W, 0.1, h33km, 8km, Error ellipse: s-maj=14.1km s-min=9.3km az=179.2

NEIC 31 07:48:54.0, 40.59N, 124.30W, h22km, MD2.7(NCEDC), After NCEDC.

NEIC Felt [I] at Eureka. Also felt at Arcata, Bayside and Fortuna.

ISC 31 07:48:52.621, 40.589N, 0.05124W, 0.1, h29km, 13km, n11, -0.56/16, Near coast of northern California.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KHMM Horse Mountain, KIPM Iron Peak, KCPM Cahito Peak, etc.

ISC 31 07:50:02.8, 0.6, 5.82S, 151.31E, h0km, mb4.3/14, mb1.5/16, mb1.1/22, mbtmp4.4/16, ML3.2/25, MS3.4/7, Ms1.3/47, ms1mx3.1/31, Error ellipse: s-maj=22.0km s-min=14.1km az=107.0

AUST 31 07:50:03.6, 2.5, 6.06S, 151.40E, h0km, Error ellipse: s-maj=1.8km s-min=0.9km az=297.0

ISCJB 31 07:50:07.0, 0.4, 5.86S, 0.05x151.17E, 0.07, h43km, mb4.3/16, MS3.3/6, Error ellipse: s-maj=11.4km s-min=6.1km az=26.2

NEIC 31 07:50:09.1, 3.3, 5.83S, 151.24E, h42km, 11km, mb4.6/6, Error ellipse: s-maj=11.3km s-min=7.8km az=82.0

ISC 31 07:50:09.3, 0.5, 5.85S, 0.07x151.22E, 0.09, h43km, n59, -0.57/257, mb4.3/16, MS3.3/6, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RABL Rabaul, PMG Port Moresby, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, WRKA Warakuna, JAGI Jajaj, Banyuwa, etc.

IPEC 31 07:59:59.9, 0.1, 47.66N, 15.94E, h8km, 1km, ML2.4/4, Error ellipse: s-maj=1.5km s-min=0.6km az=117.0

CSEM 31 07:59:59.6, 0.2, 47.70N, 15.79E, h2km, ML3.2/15, Error ellipse: s-maj=1.2km s-min=0.3km az=106.0

VIE 31 07:59:59.7, 0.1, 47.65N, 15.90E, h10km, 1km, mb2.1/6, ml2.7/6, Error ellipse: s-maj=1.2km s-min=0.7km az=124.0, felt 4 ems/8 at Schotzen/ Lower Austria

PRU 31 08:00:01.1, 47.72W, 15.81E, h3km, Reichenau Am Der Rax

ISC 31 07:59:59.8, 1.1, 47.69N, 0.02x15.82E, 0.03, h5km, 9km, n42, -1.905/83, 8C-30, Austria

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CONA Conrad Observa, ARSA Arzberg, ARSA Arzberg, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GOPC GO Pecny, Ondr, PRU Pruhonice, PRU Pruhonice, etc.

ISC 31 08:02:25.2, 8.7, 32.53S, 179.36W, h286km, 95km, mb3.1/2, mb1.3/3, mb1mx3.0/24, mbtmp3.7/3, Error ellipse: s-maj=102.8km s-min=47.6km az=0.0, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like URZ Urewhera, URZ Urewhera, ASAR Alice Springs, etc.

ISC 31 08:26:49.5, 0.5, 46S, 149.98E, h0km, mb3.8/3, mb1.4/14, mb1mx3.7/33, mbtmp4.0/4, ML2.4/1, Error ellipse: s-maj=101.9km s-min=33.7km az=117.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PMG Port Moresby, PMG Port Moresby, WRA Warramunga Arr, etc.

WEL 31 08:32:04.5, 0.2, 37.29S, 177.13E, h5km, ML3.7/6, 1C-4D, Error ellipse: s-maj=2.1km s-min=1.5km az=0.0, Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WIZ White Island, HAZ Te Kaha, HAZ Te Kaha, etc.

DJA 31 09:00:11.8, 0.0, 8.0S, 12.3E, h58km, 10km, M3.7/4, ML3.7/4, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GTOI Gorontalo, LUWI Luwuk, MRSI Marisa, etc.

ISCJB 31 09:32:46.2, 0.4, 32.30N, 0.02x115.27W, 0.02, h14km, 2km, Error ellipse: s-maj=3.5km s-min=2.9km az=20.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GTOI Gorontalo, CPXB Cerro Prieto.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries like MKAR Makanchi Array, SONM Songino Array, KSAR Wonju Array, etc.

MAN 31 13:33:05.17:80N,119:34E,h9km,mb5.3,ML4.3,MS4.6
IDC 31 13:33:07.2:0.6,17:54N-119:88E,h0km,mb4.0/13,
mb1 4.2/16,mb1mx4.0/30,mbmp4.0/16,ML3.8/3,MS3.1/9,
Ms1 3.2/9,ms1mx3.0/35,Error ellipse: s-maj=28.1km
s-min=13.1km az=67.0

ISCJB 31 13:33:10.2:0.5,17:48N,0:06:119:64E:0:06,h32km,
mb4.0/13,MS3.2/7,Error ellipse: s-maj=9.2km
s-min=8.0km az=142.4

ISC 31 13:33:12.0:0.6,17:52N,0:05:119:82E:0:08,h32km,n25,
+124/24,mb4.0/13,MS3.1/7,Philippine Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries like SIPP Brgy, Tapao, PIP Pasuquin, BCPH Baguio City Da, etc.

IDC 31 13:53:06.7:2.0,3:85N,126:44E,h0km,mb3.6/4,
mb1 3.7/4,mb1mx3.4/23,mbmp3.6/4,MS2.0/1,MS1 2.0/1,
ms1mx1.9/23,Error ellipse: s-maj=184.4km
s-min=24.0km az=65.0,Talau Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries like TGy Tagaytay City, WRA Warramunga Arr, ASAR Alice Springs, etc.

AUST 31 13:55:32.4:99.0,21:01'S,171:16'W,h196km,27km,Error
ellipse: s-maj=13.2km s-min=3.7km az=320.0
ISCJB 31 13:56:15.9:0.9,21:71'S:0:09:176:9W:0:2,h250km,
mb3.9/4,Error ellipse: s-maj=21.3km s-min=11.4km
az=18.2

IDC 31 13:56:17.1:2.8,21:53'S:177:02'W,h244km,30km,mb3.6/4,
mb1 3.7/6,mb1mx3.3/31,mbmp4.2/6,Error ellipse:
s-maj=32.2km s-min=19.4km az=118.0

ISC 31 13:56:18.1:1.21:8S:0:1:176:8W:0:2,h250km,n15,
+131/16,mb3.9/4,Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries like AFI Afiamalu, URZ Urewera, RPZ Rata Peaks, etc.

GRAL 31 14:01:41.4:0.3,34:37'N:35:87'E,h9km,2km,MD2.6
CSEM 31 14:01:41.4:0.3,34:37'N:35:87'E,h9km,ML2.6
NSSC 31 14:01:41.4:0.3,34:37'N:35:73'E,h0km,5km,MD7,ML1.6
ISC 31 14:01:41.5:1.4,34:33'N:0:03:35:81E:0:05,h60km,8km,

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries like Hawqa, Bhanes, Bhanes, Hawek, etc.

GUC 31 14:05:39.3:0.4,2:65'S:107:57'W,h45km,1km,ML4.7,2D,
Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries like CDCH Caldera, CPCH Copiapo, VACH Vallenar, etc.

IDC 31 14:06:04.7:1.3,29:70'S:178:47'W,h208km,12km,
mb3.0/1,mb1 3.3/3,mb1mx3.0/30,mbmp3.7/3,MS2.9/1,
Ms1 2.9/1,ms1mx2.5/7,Error ellipse: s-maj=49.5km
s-min=23.0km az=109.0,Kermadec Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries like RAO Raoul Island, URZ Urewera, AFI Afiamalu, etc.

IDC 31 14:06:18.9:1.7,15:02'S:173:90'W,h0km,mb3.8/3,
mb1 3.9/4,mb1mx3.6/34,mbmp3.7/4,ML3.2/1,MS3.2/3,
Ms1 3.2/3,ms1mx2.8/24,Error ellipse: s-maj=190.3km
s-min=21.2km az=154.0,Tonga Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries like AFI Afiamalu, H1S1 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, etc.

SJA 31 14:08:33.7:0.9,29:48'S:71:75'W,h33km,ML4.1,Near
coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries like LCO Las Campanas, RTLS Leoncito, AMOG Mogna, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries like USpallata, Cerro Valdivia, Coronel Fontan, etc.

ISCJB 31 14:12:45.4:0.8,7:23'S:0:09:126:9E:0:1,h407km,
mb3.2/7,Error ellipse: s-maj=15.8km s-min=11.2km
az=161.7

IDC 31 14:12:45.8:2.7:12'S:126:81'E,h384km,39km,mb2.9/3,
mb1 2.7/5,mb1mx2.8/31,mbmp3.5/8,Error ellipse:
s-maj=52.3km s-min=21.7km az=55.0

ISC 31 14:12:46.7:1.0,7:35'S:0:1:126:8E:0:1,h407km,n6,
+142/8,mb3.1/3,Banda Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries like Bati Baumata, WRA Warramunga Arr, WRA Warramunga Arr, etc.

MEX 31 14:15:15.5:0.4,14:28'N:93:10'W,h16km,57km,MD3.8,
Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries like PCIG Fort de France, CCIG Comitan, TGIG Comitan, etc.

TRN 31 14:20:52.1:14:16'N:61:07'W,h25km,MD3.6
TRN Felt in northern parts of Saint Lucia,MMI III,
NEIC 31 14:20:53.2,14:16'N:61:06'W,h35km,MD3.6(TRN),After
TRN.

NEIC Felt at Castries and Gros Islet.
FUNV 31 14:21:01.9,13:89'N:61:45'W,h94km,MW3.5
ISC 31 14:20:53.5:1.0,14:19'N:0:03:61:24'W:0:08,h29km,12km,

n35,+193/46,5C-30,Windward Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries like FDF Fort de France, MCLT Moule a Chique, SSV Crater Summit, etc.

ISCJB 31 14:35:01.5:0.8,28:8'S:0:2:62:0E:0:2,h10km,mb3.9/9,
MS3.5/2,Error ellipse: s-maj=27.7km s-min=18.2km
az=40.2

IDC 31 14:35:01.9:0.8,28:76'S:61:94'E,h0km,mb3.9/8,
mb1 4.0/8,mb1mx3.7/50,mbmp3.9/8,MS3.5/2,Ms1 3.5/2,
ms1mx2.8/38,Error ellipse: s-maj=28.7km s-min=21.9km
az=40.0

NEIC 31 14:35:03.4:0.6,28:80'S:61:91'E,h10km,mb4.4/2,Error
ellipse: s-maj=21.5km s-min=14.4km az=221.0

ISC 31 14:35:03.6:0.9,28:80'S:61:92'E:0:2,h10km,n19,
+073/12,mb4.1/10,Westwind Indian Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries like H0S1 Diego Garcia H, H0S2 Diego Garcia H, H0S3 Diego Garcia H, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, QSPA South Pole Qui, ASAR Alice Springs, etc.

ISC 31 14:35:37.6±0.2, 6.89S, 155.00E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.5/4, mb1mx3.7/4, Error ellipse: s-maj=65.2km s-min=33.9km az=112.0, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, WRA Warramunga Arr, ASAR Alice Springs, etc.

ISC 31 14:42:35.5±0.2, 5.55S, 102.06E, h0km, mb3.3/2, Error ellipse: s-maj=15.5km s-min=8.0km az=146.0

ISC 31 14:42:35.6±0.5, 5.17S, 103.24E, h0km, mb3.2/2, mb1 3.5/2, mb1mx3.2/39, mb1mx3.2/2, Error ellipse: s-maj=271.7km s-min=50.7km az=54.0

DJA 31 14:42:38.2±0.7, 5.4S, 101.3E, h10km, M3.3/2, MLV3.3/2

ISC 31 14:42:36.4±2.1, 5.47S, 102.89E, h0km, h10km, n17, ±1512/17, Southern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MNAI Manna, LWLI Liwa, KASI Kota Agung, etc.

DDA 31 14:53:15.3, 39.09N, 37.31E, h7km, MD2.7

ISC 31 14:53:16.1, 1.2, 39.07N, 0.04, 37.37E, 0.05, h10km±10km, n6, ±1945/12, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CUKAN kangal_SIVAS, CUKAN Gurin_S'VAS, ASAR Alice Springs, etc.

ISC 31 15:07:16.2±0.8, 13.48S, 0.06, 166.9E, 0.2, h100km, mb4.0/12, Error ellipse: s-maj=24.0km s-min=8.5km az=0.7

ISC 31 15:07:18.8±2.3, 13.55S, 166.97E, h114km, 19km, mb3.8/13, mb1 3.8/14, mb1mx3.7/41, mb1mx4.1/14, Error ellipse: s-maj=27.0km s-min=15.2km az=106.0

ISC 31 15:07:17.3±0.8, 13.46S, 0.08, 167.0E, 0.2, h100km, n18, ±1501/24, mb4.0/12, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', 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, Az', Phase ID, Time, Res, ISC. Includes stations like ILAR Eielson Array, MKAR Maknachi Array, ZALV Zalesovo Beam, etc.

ISC 31 15:07:39.6±0.5, 12.68N, 0.04, 123.57E, 0.05, h13km, mb3.5/5, MS2.7/4, Error ellipse: s-maj=7.5km s-min=4.7km az=145.0

ISC 31 15:07:39.6±1.1, 12.48N, 123.65E, h0km, mb3.6/5, mb1 3.7/6, mb1mx3.5/47, mb1mx3.6/6, ML4.4/1, MS2.9/6, Ms1 2.9/6, ms1mx2.6/41, Error ellipse: s-maj=53.5km s-min=19.0km az=67.0

MAN 31 15:07:39.12, 68N, 123.55E, h8km, mb4.4, ML3.3, MS3.1

MAN INTENSITY III - BULAN SORSOGON, ISC 31 15:07:40.3±0.7, 12.68N, 0.05, 123.60E, 0.04, h13km, n25, ±1956/22, mb3.5/5, MS2.5/4, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MMHP Masbate, CUKAN Catarman, AUQP San Andres, etc.

MAN 31 15:19:17, 13.05N, 124.66E, h25km, mb4.4, ML3.3, MS3.1, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CUKAN Catarman, CUPC Virac, PLP Palo, etc.

ISC 31 15:24:18.6±1.9, 4.06S, 133.39E, h0km, mb4.1/3, mb1 4.2/6, mb1mx3.8/32, mb1mx4.2/6, ML4.0/3, Error ellipse: s-maj=65.9km s-min=26.9km az=84.0

NEIC 31 15:24:20.5±0.7, 4.16S, 133.24E, h10km, mb4.0/2, Error ellipse: s-maj=15.2km s-min=11.5km az=71.0

AUST 31 15:24:20.7, 4.1, 4.19S, 132.64E, h0km, Error ellipse: s-maj=2.4km s-min=1.0km az=266.0

ISC 31 15:24:21.1±0.5, 4.18S, 0.04, 133.21E, 0.06, h33km, mb3.9/3, Error ellipse: s-maj=8.9km s-min=6.1km az=169.8

ISC 31 15:24:22.8±0.8, 4.05S, 0.07, 133.20E, 0.09, h35km, n24, ±2524/24, mb4.0/3, Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FAKI Fak Fak, SIJL Sorong, SWJ Sorong, etc.

ISC 31 15:32:35.9, 39.38N, 36.71E, h14km, MD2.9

CSEM 31 15:32:35.9±0.3, 39.38N, 36.70E, h13km, MD2.6, Error

ellipse: s-maj=10.3km s-min=6.7km az=109.0, ISC 31 15:32:36.1±0.6, 39.36N, 0.04, 36.74E, 0.04, h8km, Error ellipse: s-maj=9.9km s-min=4.7km az=168.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CUSAR Sarkisla-SIVAS, CUSAR CUSAR, SCER sogukcermik, etc.

ISC 31 15:37:20.8, 40.18N, 41.02E, h14km, MD2.4

CSEM 31 15:37:21.5±0.2, 40.21N, 41.02E, h10km, MD2.6, Error ellipse: s-maj=0.0km s-min=3.6km az=85.0

DDA 31 15:37:22.5, 40.22N, 41.1E, h7km, MD2.6

ISC 31 15:37:21.6±1.2, 40.25N, 0.06, 41.07E, 0.04, h6km±13km, n15, ±0595/24, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EZM Erzurum, ERZM Erzurum, ERZM Erzurum, etc.

ISC 31 15:38:09.1±0.2, 51.50N, 0.01, 16.08E, 0.02, h0km, mb3.7/6, Error ellipse: s-maj=1.9km s-min=1.8km az=167.6

MOS 31 15:38:09.7±1.1, 51.61N, 16.08E, h10km, mb4.0/5, Error ellipse: s-maj=8.4km s-min=4.4km az=91.7

CSEM 31 15:38:11.±0.1, 51.50N, 16.08E, h2km, mb4.0/4, ML3.8/5, Error ellipse: s-maj=2.3km s-min=2.3km az=145.0

BGR 31 15:38:12.3±0.3, 51.47N, 16.12E, h1km, ML3.1/6, Error ellipse: s-maj=4.4km s-min=2.2km az=16.0

ISC 31 15:38:12.0±0.6, 51.50N, 15.98E, h0km, mb3.6/3, mb1 3.6/11, mb1mx3.4/44, mb1mx3.6/11, ML3.4/8, Error ellipse: s-maj=11.5km s-min=7.4km az=131.3

VIE 31 15:38:12.8±0.2, 51.33N, 16.14E, h0km, mb3.0/6, ml3.4/7, Error ellipse: s-maj=1.7km s-min=1.3km az=7.0, Suspected Mining induced.

PRU 31 15:38:12.7, 51.44N, 16.05E, h0km

UPP 31 15:38:16.1, 51.81N, 15.63E, h0km, ML2.9, Suspected Mining explosion.

ISC 31 15:38:10.5±0.5, 51.51N, 0.02, 16.08E, 0.02, h0km, n194, ±1342/297, mb3.7/6, 19C-5D, 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: WRA, ASAR, Alice Springs, Frequency, Azimuth, Elevation, SNR, etc.

IDC 31 15:56:24.1, 3.1, 71.49N, 3.54W, h0km, mb3.4/3, mb1 3.5/8, mb1mx3.3/47, mbtmp3.4/8, ML3.2/5, MS2.9/5, Ms1 2.9/5, ms1mx2.6/30, Error ellipse: s-maj=65.8km s-min=-27.0km az=153.0

ISC 31 15:56:24.1, 3.1, 71.49N, 0.3, 3.3W, 0.2, h10km, n10, 0.063/9, mb3.3/3, Jan Mayen Island region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, etc.

IDC 31 16:05:52.1, 3.1, 17.21S, 167.85E, h0km, mb3.9/5, mb1 3.9/6, mb1mx3.7/28, mbtmp3.8/6, ML3.6/1, Error ellipse: s-maj=72.4km s-min=34.5km az=106.0

ISCJB 31 16:05:52.1, 5.1, 17.41S, 0.0, 167.7E, 0.3, h27km, mb3.8/6, Error ellipse: s-maj=36.4km s-min=-11.8km az=2.3

NEIC 31 16:05:57.3, 1.3, 17.28S, 167.87E, h35km, mb4.0/1, Error ellipse: s-maj=31.4km s-min=17.4km az=88.0

ISC 31 16:05:56.5, 1.8, 17.45S, 0.1, 167.7E, 0.3, h27km, n8, 0.196/10, mb3.9/5, Vanuatu Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, etc.

MAN 31 16:08:44, 18.30N, 120.66E, h17km, mb4.4, ML3.3, MS3.1, Luzon

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, etc.

IDC 31 16:49:19.5, 0.9, 26.90N, 67.56E, h0km, mb3.8/15, mb1 4.0/15, mb1mx3.8/52, mbtmp3.8/15, MS3.2/11, Ms1 3.2/11, ms1mx2.9/40, Error ellipse: s-maj=21.7km s-min=17.5km az=25.0

ISCJB 31 16:49:21.9, 0.7, 26.96N, 0.09, 67.83E, 0.05, h33km, mb3.8/15, MS3.1/11, Error ellipse: s-maj=12.3km s-min=5.9km az=4.7

ISC 31 16:49:24.0, 9.26, 9N, 0.1, 67.78E, 0.06, h35km, n37, 0.203/34, mb3.8/15, MS3.0/11, 1.0, Pakistan

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, etc.

IDC 31 17:23:59.0, 1.7, 52.5S, 168.01E, h0km, mb4.4/11, mb1 4.4/13, mb1mx4.2/34, mbtmp4.4/13, ML4.5/2, MS3.5/9, Ms1 3.5/9, ms1mx3.2/26, Error ellipse: s-maj=33.4km s-min=19.0km az=108.0

ISCJB 31 17:23:58.0, 0.6, 17.55S, 0.06, 167.9E, 0.1, h27km, mb4.4/13, MS3.4/7, Error ellipse: s-maj=15.0km s-min=8.6km az=3.6

NEIC 31 17:23:59.6, 3.9, 17.52S, 168.06E, h32km, 25km, mb4.7/9, Error ellipse: s-maj=16.4km s-min=9.8km az=84.0

ISC 31 17:23:59.9, 0.7, 17.58S, 0.06, 167.8E, 0.1, h27km, n47, 0.154/44, mb4.5/19, MS3.5/7, 2D, Vanuatu Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, etc.

Table with columns: SONM, AKASO, Malin Array Be, FINESS, FINESS Array B, Frequency, Azimuth, Elevation, SNR, etc.

IDC 31 16:52:04.1, 1.2, 10.22N, 127.41E, h0km, mb3.7/9, mb1 3.8/9, mb1mx3.6/41, mbtmp3.7/9, MS2.5/1, Ms1 2.5/1, ms1mx2.0/44, Error ellipse: s-maj=113.1km s-min=15.8km az=72.0

ISCJB 31 16:52:07.8, 0.8, 10.00N, 0.1, 126.9E, 0.1, h33km, mb3.6/9, Error ellipse: s-maj=26.6km s-min=8.9km az=139.8

ISC 31 16:52:09.8, 1.0, 20.06N, 0.2, 126.8E, 0.2, h35km, n11, 0.095/11, mb3.6/9, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, etc.

MEX 31 17:01:18.1, 0.16, 14.71N, 92.99W, h17km, 20km, MD3.5, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, etc.

MEX 31 17:14:32.6, 1.5, 16.96N, 95.44W, h116km, 18km, MD3.8, Oaxaca

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, etc.

ISCJB 31 17:16:53.0, 0.6, 6.82S, 0.05, 129.56E, 0.08, h139km, mb3.5/2, Error ellipse: s-maj=10.9km s-min=6.2km az=13.9

AUST 31 17:16:55.0, 6.98S, 129.54E, h100km

IDC 31 17:16:55.3, 2.0, 6.84S, 129.61E, h160km, 26km, mb3.2/1, mb1 3.3/6, mb1mx3.1/36, mbtmp3.7/6, Error ellipse: s-maj=35.4km s-min=19.0km az=97.0

ISC 31 17:16:54.4, 0.9, 6.77S, 129.68E, 0.1, h139km, n13, 0.193/14, Banda Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, etc.

IDC 31 17:23:55.0, 1.0, 17.54S, 168.01E, h0km, mb4.4/11, mb1 4.4/13, mb1mx4.2/34, mbtmp4.4/13, ML4.5/2, MS3.5/9, Ms1 3.5/9, ms1mx3.2/26, Error ellipse: s-maj=33.4km s-min=19.0km az=108.0

ISCJB 31 17:23:58.0, 0.6, 17.55S, 0.06, 167.9E, 0.1, h27km, mb4.4/13, MS3.4/7, Error ellipse: s-maj=15.0km s-min=8.6km az=3.6

NEIC 31 17:23:59.6, 3.9, 17.52S, 168.06E, h32km, 25km, mb4.7/9, Error ellipse: s-maj=16.4km s-min=9.8km az=84.0

ISC 31 17:23:59.9, 0.7, 17.58S, 0.06, 167.8E, 0.1, h27km, n47, 0.154/44, mb4.5/19, MS3.5/7, 2D, Vanuatu Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, etc.

Table with columns: DZM, DZM, Mont Dzumac, DZM, HNR, HNR, HNR, Frequency, Azimuth, Elevation, SNR, etc.

IDC 31 17:27:33.8, 1.5, 51.9N, 0.2, 170.5W, 0.2, h10km, mb3.6/1, Error ellipse: s-maj=33.6km s-min=19.0km az=154.2

NEIC 31 17:27:36.5, 5.1, 51.90N, 0.17, 170.50W, h31km, ML3.2(AEIC), After AEIC

IDC 31 17:29:27.3, 0.1, 51.50N, 176.12E, h67km, 71km, mb2.5/2, mb1 2.9/3, mb1mx2.3/29, mbtmp3.7/3, Error ellipse: s-maj=200.7km s-min=73.4km az=43.0

ISC 31 17:24:39.2, 5.1, 51.9N, 0.3, 170.5W, 0.2, h10km, n20, 0.091/24, Fox Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, etc.

DJA 31 17:33:22.1, 0.7, 1.5S, 13.4E, h18km, 5km, M3.6/3, ML3.6/3, Irian Jaya region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, etc.

IGQ 31 18:11:56.0, 9.1, 11.5S, 81.37W, h4km, 8km, Mb4.1, 2C-3D, Error ellipse: s-maj=4.9km s-min=3.3km az=9.0, Off coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, etc.

31d 18h

Table with columns: IGLUA, RIOE, BMAS, etc. Station Name, Az, Phase, ID, Time, Res. Includes stations like Iqualata, Riobamba, Trigal station, etc.

ISCJB 31 18:24:17.0.1.2.7:28N:0.09:127.31E:0.07,h10km, mb3.0/3, Error ellipse: s-maj=14.0km s-min=9.7km az=25.9

MAN 31 18:24:17.7:19N:127.40E,h33km,mb4.9,ML3.8,MS3.9 IDC 31 18:24:19.4:1.4.6:18N:124.16E,h0km,mb3.2/3, mb1 3.4/3, mb1mx3.2/36,mbtmp3.2/3, Error ellipse: s-maj=26.3km s-min=14.7km az=137.0

ISC 31 18:24:18.7:1.7.3:3N:0.1:127.3E:0.1,h10km,n8,c0585/9, mb3.2/3,Philippine Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MATI, DAVAO CITY (W), WARRUNGUNGA ARR, etc.

NIED 31 18:27:00.36:70N:141:30E,h41km,Mw4.5 Best double couple: Ms5.75000:0.1015 NP1:303.00000:0.41.00000: -1.52.00000: NP2:20.221.00000:0.72.00000: 7.1-2.00000

MOS 31 18:27:27.8:1.8:36:50N:141:52E,h37km,mb4.5/17, Error ellipse: s-maj=9.1km s-min=6.2km az=110.2

ISCJB 31 18:27:28.0:0.8:36:62N:0.02:141:46E:0.04,h34km,5km, mb4.1/33,MS3.6/13, Error ellipse: s-maj=5.2km s-min=3.8km az=21.0

JMA 31 18:27:30.8:0.1:36:68N:141:23E,h45km,1km,M4.2 JMA Felt J1

IDC 31 18:27:31.4:0.7:36:58N:141:22E,h41km,6km,mb3.8/18, mb1 4.0/22,mb1mx4.0/30,mbtmp4.1/22,ML4.3/3,MS3.6/16, Ms1 3.6/16,ms1mx3.5/40, Error ellipse: s-maj=16.9km s-min=12.4km az=95.0

NEIC 31 18:27:31.5:0.6:36:58N:141:37E,h48km,6km,mb4.5/10, MW4.4(NIED), Error ellipse: s-maj=9.7km s-min=8.0km az=119.0

NEIC Recorded [1 JMA] in Fukushima, Ibaraki and Miyagi. ISC 31 18:27:30.7:0.5:36:62N:0.04:141:38E:0.05,h38km,1km, n125,c172/113,mb4.2/33,MS3.8/13,13C-11D,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like JHO, ONAJ, JFK, etc.

2010 AUG

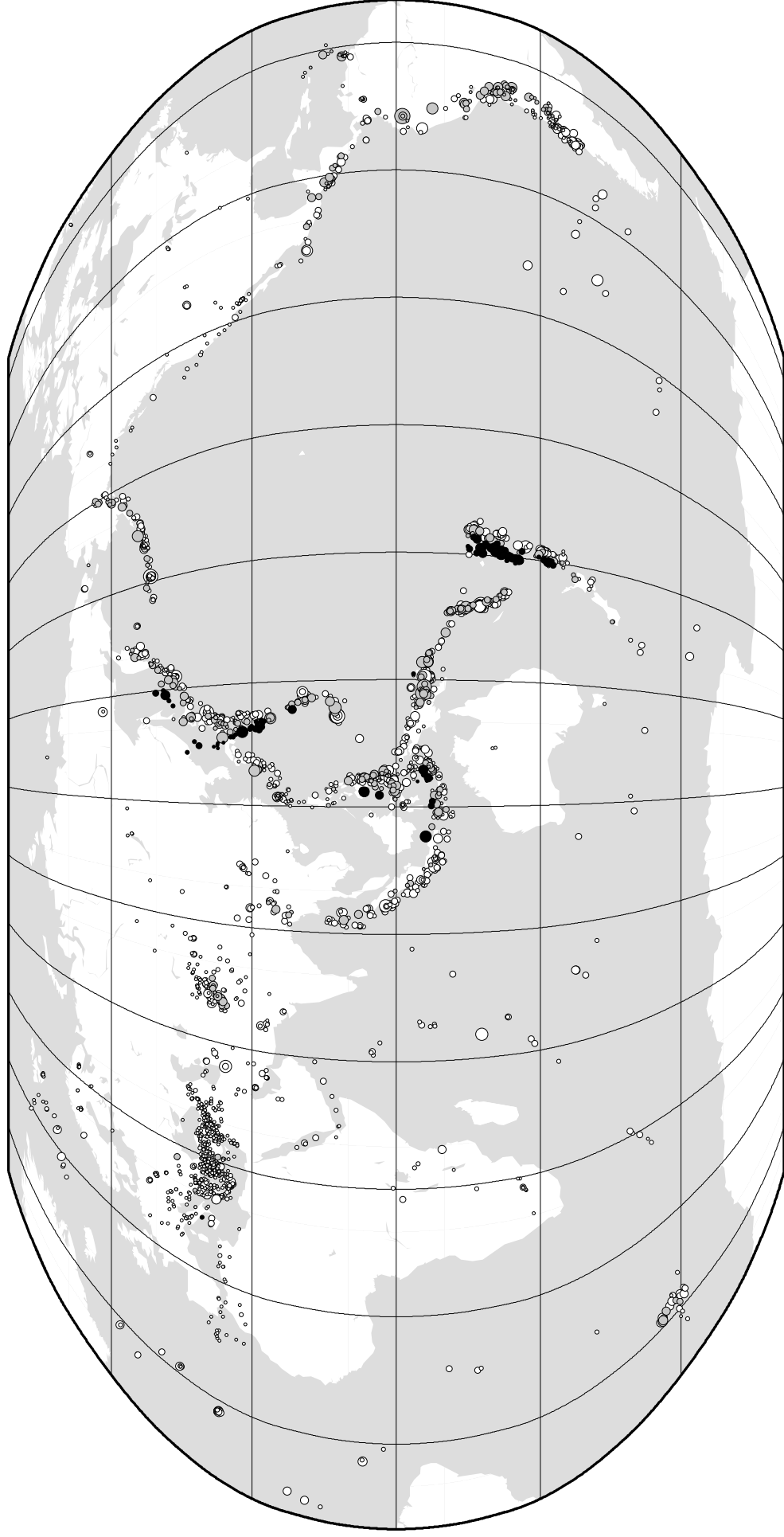
Main table with columns: KUR, YSS, USRK, KRSR, KRSR, KRSR, etc. Station Name, Az, Phase, ID, Time, Res. Includes stations like Kuruk, Yuzh-Sakhalins, etc.

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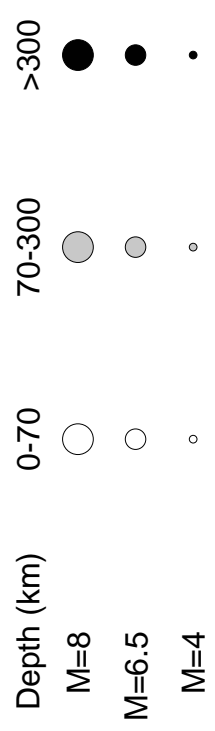
Table with columns: AAK, BRVK, BRVK, etc. Station Name, Az, Phase, ID, Time, Res. Includes stations like Al-Archa, Borovoye, etc.

KONS	Konsvik	8.23 111	ePn	Pn	23 57 02.9 +1.5
KONS			eSn	Sn	23 58 30.2 -4.1
KONS			IAML		23 58 38.6
STOK	comp=Z,14nm,0.5s Stokkvagen	8.31 113	ePn	Pn	23 57 03.8 +1.3
STOK	SNR=50				
STOK	Stokkvagen	8.31 113	ePn	Pn	23 57 03.8 +1.3
STOK			eSn	Sn	23 58 31.8 -4.3
STOK			IAML		23 58 37.1
FLOS	comp=Z,20nm,0.5s Flostrand	8.41 112	ePn	Pn	23 57 05.9 +2.0
FLOS	SNR=50				
FLOS	Flostrand	8.41 112	ePn	Pn	23 57 05.9 +2.0
FLOS			eSn	Sn	23 58 34.3 -4.4
FLOS			IAML		23 58 40.3
BJO	comp=Z,27nm,0.5s Bjornoya	8.46 52	ePn	Pn	23 57 05.9 +1.3
BJO	SNR=50				
BJO	Bjornoya	8.46 52	ePn	Pn	23 57 05.9 +1.3
BJO			eSn	Sn	23 57 05.9 +1.3
TRO	Tromsø	8.61 85	ePn	Pn	23 57 05.6 -0.9
TRO			eSn	Sn	23 58 37.5 -6.0
HSPB	Hornsund (broa)	8.68 34	ePn	Pn	23 57 07.4 -0.2
HSPB	SNR=50				
HSPB	Hornsund (broa)	8.68 34	ePn	Pn	23 57 07.4 -0.2
HSPB			IAML		23 57 08.1
MOR8	comp=Z,25nm,0.3s Mol Rana	8.85 111	ePn	Pn	23 57 12.2 +2.2
MOR8	SNR=50				
MOR8	Mol Rana	8.85 111	ePn	Pn	23 57 12.2 +2.2
MOR8			e		23 58 47.9
NSS	Namsos	9.29 123	ePn	Pn	23 57 18.0 +2.1
NSS	SNR=50				
NSS	Namsos	9.29 123	ePn	Pn	23 57 18.0 +2.1
NSS			eSn	Sn	23 58 54.9 -5.3
NSS			IAML		23 59 04.4
KBS	comp=Z,21nm,0.5s Kingsbay	9.46 22	ePn	Pn	23 57 17.5 -0.7
KBS	SNR=50				
KBS	Kingsbay	9.46 22	ePn	Pn	23 57 17.5 -0.7
KBS			eSn	Sn	23 58 58.8 -5.5
KBS			IAML		23 57 17.4 -0.7
KBS	Kingsbay	9.46 22	ePn	Pn	23 57 17.5 -0.7
KBS	SNR=50				
KBS	Kingsbay	9.46 22	ePn	Pn	23 57 17.4 -0.7
KBS			eSn	Sn	23 57 17.5 -0.7
SPA0	Spitsbergen Ar	9.55 29	ePn	Pn	23 57 20.1 +0.7
SPA0	SNR=50				
SPA0	Spitsbergen Ar	9.55 29	ePn	Pn	23 57 20.1 +0.7
SPA0			IAML		23 57 26.3
SPA0	Spitsbergen Ar	9.55 29	ePn	Pn	23 57 20.1 +0.7
SPA0	SNR=50				
SPA0	Spitsbergen Ar	9.55 29	ePn	Pn	23 57 20.1 +0.7
SPA0			IAML		23 57 26.3
SPITS	comp=Z,17nm,0.4s Spitsbergen Ar	9.55 29	ePn	Pn	23 57 20.1 +0.7
SPITS	SNR=50				
SPITS	Spitsbergen Ar	9.55 29	ePn	Pn	23 57 20.1 +0.7
SPITS			IAML		23 57 26.3
HAMF	Hammerfest	9.87 76	ePn	Pn	23 57 23.0 -0.9
FOO	Flo	10.21 148	ePn	Pn	23 57 30.9 +2.3
FOO	SNR=50				
FOO	Flo	10.21 148	ePn	Pn	23 57 30.9 +2.3
FOO			eSn	Sn	23 59 18.1 -4.8
FOO			IAML		23 59 23.5
SUMG	comp=Z,10nm,0.8s Summit	10.23 295	i P	Pn	23 57 29.7 +0.6
SUMG	SNR=50				
SUMG	Summit	10.23 295	ePn	Pn	23 57 29.7 +0.6
SUMG			e		23 59 16.0 -7.9
SUMG	Summit	10.23 295	ePn	Pn	23 57 28.8 -0.3
SUMG	SNR=50				
SUMG	Summit	10.23 295	ePn	Pn	23 57 28.8 -0.3
SUMG			e		23 57 28.8 -0.3
KTK1	Kautokeino	10.26 85	ePn	Pn	23 57 29.9 +0.7
KTK1	SNR=50				
KTK1	Kautokeino	10.26 85	ePn	Pn	23 57 29.9 +0.7
KTK1			e		23 57 33.1 +1.7
HOPEN	Hopen	10.43 42	e	Pn	23 57 33.9 +2.4
YEL1	Yell	10.43 166	ePn	Pn	23 57 35.8
YEL1			AMB	AMB	
YEL1	comp=Z,34nm,1.1s Yell	10.43 166	ePn	Pn	23 57 33.9 +2.4
HEF	Hetta	10.65 88	ePn	Pn	23 57 35.1 +0.5
HEF	SNR=50				
HEF	Hetta	10.65 88	ePn	Pn	23 57 35.1 +0.5
HEF			e		23 57 37.1 +2.9
WALI	Walls	10.69 167	ePn	Pn	23 57 37.1 +2.9
WALI	SNR=50				
WALI	Walls	10.69 167	ePn	Pn	23 57 37.1 +2.9
WALI			e		23 57 37.0 +0.3
ARA0	ARCESS Array S	10.81 81	ePn	Pn	23 57 37.0 +0.3
ARA0	SNR=50				
ARA0	ARCESS Array S	10.81 81	ePn	Pn	23 57 37.0 +0.3
ARA0			eSn	Sn	23 59 35.8 -1.7
ARA0	ARCESS Array S	10.81 81	ePn	Pn	23 57 37.0 +0.3
ARA0	SNR=50				
ARA0	ARCESS Array S	10.81 81	ePn	Pn	23 57 37.0 +0.3
ARA0			eSn	Sn	23 59 35.8 -1.7
ARCES	comp=Z,0.6nm,0.3s,baz=291,slow=12,SNR=35 ARCESS Array B	10.81 81	ePn	Pn	23 57 37.0 +0.3
ARCES	SNR=50				
ARCES	ARCESS Array B	10.81 81	ePn	Pn	23 57 37.0 +0.3
ARCES			eSn	Sn	23 59 35.8 -1.7
ARCES	ARCESS Array B	10.81 81	ePn	Pn	23 57 37.0 +0.3
ARCES	SNR=50				
ARCES	ARCESS Array B	10.81 81	ePn	Pn	23 57 37.0 +0.3
ARCES			eSn	Sn	23 59 35.8 -1.7
ARE0	comp=Z,111nm,19.3s,baz=314,slow=35 ARCESS Array S	10.81 81	ePn	Pn	23 57 37.1 +0.4
ARE0	SNR=50				
ARE0	ARCESS Array S	10.81 81	ePn	Pn	23 57 37.1 +0.4
ARE0			e		23 57 38.3 +1.4
HYA	Hoyanger	10.82 146	ePn	Pn	23 57 38.3 +1.4
HYA	SNR=50				
HYA	Hoyanger	10.82 146	ePn	Pn	23 57 38.3 +1.4
HYA			e		23 57 40.1 +3.1
LRW	Lerwick	10.83 166	ePn	Pn	23 57 46.2
LRW	SNR=50				
LRW	Lerwick	10.83 166	ePn	Pn	23 57 46.2
LRW			AMB	AMB	
LRW	comp=Z,48nm,2.2s Sandwick	10.83 166	ePn	Pn	23 57 40.1 +3.1
SAN1	Sandwick	10.94 167	ePn	Pn	23 57 41.1 +2.6
SAN1	SNR=50				
SAN1	Sandwick	10.94 167	ePn	Pn	23 57 41.1 +2.6
SAN1			AMB	AMB	23 57 41.4
KEV	Kevo	11.22 79	ePn	Pn	23 57 41.1 +2.6
KEV	SNR=50				
KEV	Kevo	11.22 79	ePn	Pn	23 57 41.1 +2.6
KEV			e		23 57 41.9 -0.4
ASK	Askoy	11.29 150	ePn	Pn	23 57 45.1 +1.9
RUND	Rundenannan	11.38 149	ePn	Pn	23 57 44.4 -0.4
NB2	NORSAR Subarra	12.00 135	ePn	Pn	23 57 55.8 +2.8
NB200	comp=Z,2.1nm,0.8s,baz=331,slow=14 NORSAR Array S	12.00 135	ePn	Pn	23 57 53.9 +0.9
NB200	SNR=50				
NB200	NORSAR Array S	12.00 135	ePn	Pn	23 57 53.9 +0.9
NB200			eSn	Sn	00 00 02.2 -4.4
NOA	comp=Z,0.2nm,0.3s,baz=323,slow=13,SNR=4.7 NORSAR Array B	12.00 135	ePn	Pn	23 57 53.9 +0.9
NOA	SNR=50				
NOA	NORSAR Array B	12.00 135	ePn	Pn	23 57 53.9 +0.9
NOA			eSn	Sn	00 00 02.2 -4.4
NOA	comp=Z,0.1nm,0.3s,baz=320,slow=25,SNR=3.0 NORSAR Array B	12.00 135	ePn	Pn	23 57 53.9 +0.9
NOA	SNR=50				
NOA	NORSAR Array B	12.00 135	ePn	Pn	23 57 53.9 +0.9
NOA			eSn	Sn	00 00 02.2 -4.4
NOA	comp=Z,1.14nm,21.3s,baz=330,slow=35 Hassela	12.46 122	ePn	Pn	23 57 60.0 +0.8
HASU	Blasjo	12.50 149	ePn	Pn	23 58 02.1 +2.2
BL5S	Blasjo	12.50 149	ePn	Pn	23 58 02.1 +2.2
BL5S	SNR=50				
BL5S	Blasjo	12.50 149	ePn	Pn	23 58 02.1 +2.2
BL5S			e		23 58 07.1 +1.4
HUDD	Hudiksvall	12.94 122	ePn	Pn	23 58 07.1 +1.4
ARNU	Arnoeviken	13.04 122	ePn	Pn	23 58 08.7 +1.5
KAC	Achnashellach	13.28 178	ePn	Pn	23 58 13.0 +2.6
KAC	SNR=50				
KAC	Achnashellach	13.28 178	ePn	Pn	23 58 13.0 +2.6
KAC			e		23 58 14.2 +2.3
HFS	Hagfors	13.38 132	ePn	Pn	23 58 14.2 +2.3
HFS	SNR=50				
HFS	Hagfors	13.38 132	ePn	Pn	23 58 14.2 +2.3
HFS			e		23 58 14.5 +2.6
HFS	comp=Z,0.6nm,0.3s,baz=345,slow=11,SNR=20 Hagfors	13.38 132	ePn	Pn	23 58 14.2 +2.3
HFS	SNR=50				
HFS	Hagfors	13.38 132	ePn	Pn	23 58 14.2 +2.3
HFS			eSn	Sn	00 00 36.6 -3.9
HFS	comp=Z,0.2nm,0.3s,baz=348,slow=21,SNR=2.5 Hagfors	13.38 132	ePn	Pn	23 58 14.2 +2.3
HFS	SNR=50				
HFS	Hagfors	13.38 132	ePn	Pn	23 58 14.2 +2.3
HFS			eSn	Sn	00 03 13.4
HFS	comp=Z,1.134nm,19.9s,baz=330,slow=36 Hagfors	13.38 132	ePn	Pn	23 58 14.2 +2.3
HFS	SNR=50				
HFS	Hagfors	13.38 132	ePn	Pn	23 58 14.2 +2.3
HFS			eSn	Sn	00 01 28.9 -3.2
APA0	comp=Z,35s,slow=26,SNR=3.1 Apatity Array	14.13 84	ePn	Pn	23 58 20.9 -1.1
APA0	SNR=50				
APA0	Apatity Array	14.13 84	ePn	Pn	23 58 20.9 -1.1
APA0			e		23 58 25.6 -2.4
NRUA	Nora	14.21 131	ePn	Pn	23 58 25.6 -1.8
FLYU	Flymyra	14.48 125	ePn	Pn	23 58 28.9 +2.0
GRAU	Graesoe	14.48 123	ePn	Pn	23 58 28.2 +1.1
BACU	Backbrunna	14.50 127	ePn	Pn	23 58 26.2 -1.3
LVZ	Lovozero	14.53 811	ePn	Pn	23 58 34.6 -3.1
ESKU	Eskestuna	14.85 129	ePn	Pn	23 58 35.1 +0.9
AAL	Aland	15.02 121	ePn	Pn	23 58 34.9 +0.2
NRU	Norrtaelje	15.06 125	ePn	Pn	23 58 42.5 -2.0
NYNU	Nynaeshamm	15.47 127	ePn	Pn	23 58 42.5 -2.5
EKA	Eskdalemuir Ar	15.50 173	ePn	Pn	23 58 42.5 -2.5
EKA	SNR=50				
EKA	Eskdalemuir Ar	15.50 173	ePn	Pn	23 58 42.5 -2.5
EKA			eSn	Sn	00 01 28.9 -3.2
ESK	comp=Z,35s,slow=26,SNR=3.1 Eskdalemuir	15.52 173	i P	P	23 58 49.9 +4.7
VIKU	Vikbolandet	15.56 130	ePn	Pn	23 58 44.6 -1.0
VIKU	SNR=50				
VIKU	Vikbolandet	15.56 130	ePn	Pn	23 58 44.6 -1.0
VIKU			e		23 58 46.8 -1.9
FIAO	FINES Array S	15.84 110	ePn	Pn	23 58 46.4 -2.3
FIAO	SNR=50				

ISC Computed Locations for August 2010



Robinson Projection, centred on 0°N, 130°E



3472 Events