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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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 Pipers Lane, Thatcham, Berkshire, RG19 4NS, United Kingdom**

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±0.2×179.6W±0.3,h613km,42km,
n22.±15/21,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 | 18 48 53.1 | -1.7 |
| URZ | Urewera | 16.21 | 189 | P | 18 49 01.5 | -0.9 |
| MRZ | Mangatainoka R | 18.81 | 192 | eP | 18 49 26.7 | 0.0 |
| DIW | D'Urville Isla | 19.30 | 195 | eP | 18 49 27.3 | -3.9 |
| CAW | Cannon Point | 19.34 | 192 | eP | 18 49 31.7 | +0.1 |
| OTW | Orongorongo Tu | 19.52 | 192 | eP | 18 49 33.0 | -0.2 |
| MCW | Moikau | 19.61 | 192 | eP | 18 49 35.5 | +1.5 |
| THZ | Tophouse | 20.46 | 196 | eP | 18 49 42.0 | +0.2 |
| KHZ | Kahutara | 20.93 | 194 | P | 18 49 46.2 | +0.2 |
| ARMA | Armidale | 27.03 | 246 | eP | 18 50 42.4 | +2.3 |
| CTA | Charters Tower | 31.93 | 267 | ↑iP | 18 51 22.3 | +0.4 |
| STKA | Stephens Creek | 35.75 | 246 | eP | 18 51 55.3 | +1.8 |
| ASAR | Alice Springs | 42.74 | 259 | P | 18 52 50.1 | +0.3 |
| ASAR | Alice Springs | 42.74 | 259 | S | 18 58 31.3 | -0.1 |
| ASPA | Alice Springs | 42.74 | 259 | eP | 18 52 50.1 | +0.2 |
| WRA | Warramunga Arr | 42.96 | 264 | P | 18 52 51.0 | -0.7 |
| WRA | Warramunga Arr | 42.96 | 264 | S | 18 58 33.0 | -1.5 |
| KAKA | Kakadu | 46.64 | 273 | eP | 18 53 18.2 | -1.8 |
| FITZ | Fitzroy Crossi | 51.39 | 264 | eP | 18 53 54.3 | -0.7 |
| MBWA | Marble Bar | 56.08 | 259 | eP | 18 54 27.1 | -0.7 |
| CMAR | Chiang Mai Arr | 89.35 | 290 | P | 18 57 38.1 | +1.0 |
| ARCES | ARCESS Array B | 130.36 | 349 | PKP | 19 03 43.7 | -0.5 |
| FINES | FINESS Array B | 137.02 | 342 | PKP | 19 03 57.3 | +0.5 |
| MLR | Muntele Rosu | 148.85 | 324 | PKPbc | 19 04 22.7 | +5.2 |

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.

2008 JUL

1d 0h

1

IDC 01 00:17:28.3.0.4, 10:31'S:75:55'W, h0km, mb5.1/25, mb1 5.2/27, mb1mx5.2/28, mbtmp5.0/27, ML4, 1/1, 13.9M/9.2/6, Ms1 4.9/26, ms1mx4.9/29, Error ellipse: s-maj=13.9km s-min=9.9km az=82.0

IS/CJB 01 00:17:31.0.0.1, 10:29'S:0:03:75:60'W, 0.02, h27km, mb5.3/231, MS5.0/80, Error ellipse: s-maj=4.2km s-min=2.8km az=36.4

GCMT 01 00:17:30.9.0.1, 10:38'S:75:42'W, h12km, MW5.4, Moment Tensor Solution, s65,c109; s15,c16; Moment tensor: Scale 10^17Nm, Mrr1.56e-02; Mss0.19e-02; Mtt-1.37e-02; Mno.24e-06; Mbo.0.61e-02; Mro.0.64e-06; Best double couple: M1.70000e-10; NP1.142e-000000; 1.38.00000; 1.66.00000; NP2.352e-00000; 8.56.00000; 1.08.00000; Principal axes: T.1.7600, Plg73.0000; Azm309.0000; N - 0.0600, Plg15.0000; Azm162.0000; P - 1.7100, Plg9.0000; Azm69.0000; Data Used: II U G CN IC. Surface waves: sta= 95, comp=190, per=50, MOS 01 00:17:32.1.1.0, 10:29'S:75:57'W, h33km, mb5.5/88, MS5.0/23 Error ellipse: s-maj=7.3km s-min=4.8km az=95.8

NEIC 01 00:17:32.2.1.0, 10:37'S:75:51'W, h33km, gkm, mb5.4/189, MS5.0/43, ML5.3(LIM), Error ellipse: s-maj=4.5km s-min=3.0km az=225.0

NEIC Forty-five people injured in Oxapampa. About 60 houses destroyed and 25 damaged in Huancabamba. Landslides destroyed roads between Huancabamba and Pozuzo. Felt [V] at Espiritu Pata, Huancabamba, Jatunpata, Lanturache, Tingo and Torrebamba; [III] at Chotabanda, Oxapampa, Palcazu and Pozuzo; [II] at Puerto Bermudez and Villa Rica.

ISC 01 00:17:32.8.1.6, 10:36'S:0:03:75:50'W, 0.02, h28km, 1.1km, 225km, 1.7km, P-P, n1114, e0574/965, mb5.3/231, MS5.0/80, 296S-207D, Central Peru

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, H, Time, Res, ISC. Contains station data for various locations like Nana, Atahualpa, Las Campanas, etc.

Table with columns: FVM, French Village, 50.08 345, eP, P, Pmax, 00 26 23.3 -1.8. Contains station data for various locations like French Village, Millersville, Bean Ranch, etc.

| | | | | |
|-------|---|-------|-----|-----------------|
| PDAR | comp=Z,5.7nm,1.0s,baz=152,slow=4.2,SNR=4.2 | PcP | PcP | 00 28 28.8 +0.7 |
| PDAR | comp=Z,0.5nm,0.8s,baz=300,slow=2.19,SNR=3.8 | P | P | 00 57 11.8 |
| PDAR | Pinedale Array 61.35 332 | eP | eP | 00 27 45.4 -0.6 |
| PDAR | | PcP | PcP | 00 28 28.8 +0.7 |
| PDAR | | eP | eP | 00 57 11.8 |
| BW06 | Boulder Array 61.35 332 | ↑P | P | 00 27 45.3 -0.6 |
| BW06 | Boulder Array 61.35 332 | eP | P | 00 27 44.9 -1.0 |
| N15A | Stansbury Isla 61.37 329 | ↑P | P | 00 27 45.8 -0.4 |
| CWC | Cottonwood Cre 61.41 322 | ↑P | P | 00 27 46.6 +0.1 |
| HWUT | Hardway Ranch 61.42 330 | eP | P | 00 27 46.2 -0.3 |
| HWUT | | ePcP | LR | 00 28 28.8 +0.4 |
| L17A | Cokeville 61.46 331 | ↑P | P | 00 27 45.7 -1.0 |
| K18A | Toltan Ranch 61.48 332 | ↑P | P | 00 27 46.5 -0.3 |
| S10A | Tonopah Range 61.50 324 | ↑P | P | 00 27 47.5 +0.3 |
| PKM | Peak Mountain 61.51 319 | ↑P | P | 00 27 47.6 +0.4 |
| R10A | Warm Springs 61.58 324 | ↑P | P | 00 27 48.3 +0.7 |
| O13A | Hicks Ranch, I 61.58 327 | ↑P | P | 00 27 48.1 +0.5 |
| Q11A | Duckwater 61.59 325 | ↑P | P | 00 27 48.2 +0.5 |
| P12A | McGill 61.62 326 | ↑P | P | 00 27 48.3 +0.5 |
| VES | Vestal, Richgr 61.64 320 | ↑P | P | 00 27 47.5 -0.6 |
| SPUT | South Promonto 61.64 329 | eP | P | 00 27 48.9 +0.9 |
| BGU | Big Grassy Mou 61.66 328 | eP | P | 00 27 47.4 -0.7 |
| L16A | Fish Haven 61.67 330 | ↑P | P | 00 27 47.3 -0.9 |
| N14A | Grayback Hills 61.69 328 | ↑P | P | 00 27 48.0 -0.3 |
| M15A | Larsen Ranch 61.76 329 | ↑P | P | 00 27 48.2 -0.5 |
| SMMC | Simmer 61.89 319 | ↑P | P | 00 27 50.1 +0.3 |
| TIN | Tinemaha 61.90 322 | ↑P | P | 00 27 50.3 +0.5 |
| J18A | Kendall Valley 61.91 332 | ↑P | P | 00 27 48.9 -0.9 |
| TPH | Tonopah 61.97 323 | FLAKE | LR | 00 28 00.0 +1.0 |
| K17A | Gardner Place, 61.98 331 | ↑P | P | 00 27 49.8 -0.4 |
| Q10A | Clear Creek Ra 62.00 325 | ↑P | P | 00 27 51.2 +0.7 |
| RCTC | Rector, Farmer 62.04 321 | ↑P | P | 00 27 50.3 -0.5 |
| AHID | Auburn Hatcher 62.07 331 | eP | P | 00 27 52.3 +1.4 |
| O12A | Currie 62.09 327 | ↑P | P | 00 27 51.1 +0.1 |
| L15A | Malad City 62.13 330 | ↑P | P | 00 27 50.6 -0.7 |
| P11A | Circle Ranch 62.14 326 | ↑P | P | 00 27 51.8 +0.4 |
| HVU | Hansel Valley 62.16 329 | eP | P | 00 27 51.6 +0.2 |
| I18A | Diamond Ranc 62.20 332 | ↑P | P | 00 27 51.0 -0.6 |
| N13A | Wendover, West 62.22 328 | ↑P | P | 00 27 51.6 -0.3 |
| N13A | Wendover, West 62.22 328 | eP | P | 00 27 51.3 -0.5 |
| M14A | Sheep Mountain 62.24 329 | ↑P | P | 00 27 51.5 -0.5 |
| MTUJ | Tungsten Hills 62.29 332 | ↑P | P | 00 27 53.0 +0.5 |
| J17A | Growth Place J 62.35 322 | ↑P | P | 00 27 52.1 -0.5 |
| K16A | Soda Springs 62.36 331 | ↑P | P | 00 27 52.7 0.0 |
| REDW | Red Top Meadow 62.41 332 | eP | P | 00 27 53.1 0.0 |
| SNOW | Snow King Moun 62.44 332 | eP | P | 00 27 56.8 +3.5 |
| LOHW | Long Hollow 62.49 332 | eP | P | 00 27 53.4 -0.2 |
| O11A | Cowboy Ranch 62.49 326 | ↑P | P | 00 27 54.1 +0.4 |
| TPAW | Teton Pass 62.56 332 | eP | P | 00 27 54.1 +0.1 |
| M13A | Montello 62.56 328 | ↑P | P | 00 27 53.6 -0.5 |
| M13A | Montello 62.56 328 | eP | P | 00 27 53.2 -1.0 |
| M13A | Malta 62.58 329 | ↑P | PcP | 00 28 31.8 -1.3 |
| L14A | Malta 62.58 329 | ↑P | PcP | 00 27 53.4 -0.9 |
| P10A | Eureka 62.58 325 | ↑P | P | 00 27 54.1 -0.3 |
| RR12 | Red Ridge 62.62 331 | eP | P | 00 27 51.8 -2.7 |
| N12A | Clover Valley 62.66 327 | ↑P | P | 00 27 54.8 0.0 |
| N12A | Clover Valley 62.66 327 | eP | P | 00 27 54.9 0.0 |
| ELK | Elko 62.69 327 | eP | P | 00 27 55.5 +0.5 |
| ELK | Elko 62.69 327 | eP | P | 00 27 55.5 +0.5 |
| ELK | Elko 62.69 327 | eP | P | 00 27 55.5 +0.5 |
| J16A | Bone 62.70 331 | ↑P | P | 00 27 54.6 -0.5 |
| K15A | Arbon 62.71 330 | ↑P | P | 00 27 54.7 -0.4 |
| I17A | Pilgrim Ck. 62.71 332 | ↑P | P | 00 27 55.5 +0.4 |
| DCID1 | Drake Creek 62.75 332 | eP | P | 00 27 55.8 +0.5 |
| NVAR | Mina Array Baa 62.84 323 | ↑P | P | 00 27 56.5 +0.4 |
| NVAR | Mina Array Baa 62.84 323 | ↑P | P | 00 27 56.5 +0.4 |
| IMW | Indian Meadow 62.86 332 | eP | P | 00 27 56.4 +0.3 |
| ULM | Lac du Bonnet 62.92 345 | eP | P | 00 27 55.1 -1.2 |
| ULM | Lac du Bonnet 62.92 345 | eP | P | 00 58 32.4 |
| ULM | Lac du Bonnet 62.92 345 | eP | P | 00 27 54.8 -1.6 |
| K14A | Jones Ranch, D 62.92 330 | ↑P | P | 00 27 55.7 -0.8 |
| L13A | Double Diamond 62.98 329 | ↑P | P | 00 27 56.7 -0.2 |
| M12A | Wells 63.00 328 | ↑P | P | 00 27 56.5 -0.6 |
| N11A | Elko Archery C 63.01 327 | ↑P | P | 00 27 57.2 0.0 |
| O10A | Cortez Mining 63.07 326 | ↑P | P | 00 27 57.8 +0.3 |
| RLMT | Red Lodge 63.07 334 | eP | P | 00 27 57.4 0.0 |
| LAO | LASA Array 63.08 337 | eP | P | 00 27 56.8 -0.7 |
| LAO | LASA Array 63.08 337 | eP | P | 00 28 35.2 +0.1 |
| I16A | Newdale 63.10 332 | ↑P | P | 00 27 57.4 -0.3 |
| J15A | Blackfoot 63.19 331 | ↑P | P | 00 27 58.1 -0.2 |
| YFT | Old Faithful 63.24 332 | eP | P | 00 28 01.9 +3.3 |
| G18A | Lazy EL Ranch 63.35 334 | ↑P | P | 00 27 58.6 -0.7 |
| N10A | Dumphy 63.37 326 | ↑P | P | 00 27 59.5 0.0 |
| K13A | Stover Farm, H 63.45 329 | ↑P | P | 00 27 59.7 -0.4 |
| M11A | Holland Ranch 63.47 327 | ↑P | P | 00 27 60.0 -0.3 |
| BMN | Battle Mountai 63.56 325 | eP | P | 00 28 01.9 +1.1 |
| WAKR | Walker 63.56 323 | eP | P | 00 28 01.7 +0.8 |
| L12A | House Creek Ra 63.57 328 | ↑P | P | 00 28 00.7 -0.1 |
| H16A | Russell Place 63.62 332 | ↑P | P | 00 28 01.3 +0.2 |
| TAOE | Nuku Hiva Isla 63.66 265 | eLR | LR | 00 47 07.3 |
| J14A | Carey 63.67 330 | ↑P | P | 00 28 01.6 +0.2 |
| I15A | Montevie 63.67 331 | ↑P | P | 00 28 01.6 +0.2 |
| SAO | San Andreas Ge 63.71 320 | eP | P | 00 28 02.4 +0.5 |

| | | | | |
|------|---|------|-----|-----------------|
| DGMT | Dagmar 63.83 339 | ↑P | P | 00 28 02.1 -0.2 |
| DGMT | Dagmar 63.83 339 | eP | P | 00 28 04.5 +2.1 |
| CMB | Columbia Colle 63.84 322 | eP | P | 00 28 02.4 -0.3 |
| CMB | comp=Z,17nm,0.9s,mb5.1 | MLR | MLR | |
| CMB | comp=Z,401nm,19.0s,MS4.6 | MLR | MLR | 00 28 02.4 -0.3 |
| CMB | Columbia Colle 63.84 322 | eP | P | 00 28 02.4 -0.3 |
| K12A | Draper Farm, C 63.86 329 | ↑P | P | 00 28 02.9 +0.1 |
| G17A | Pierce Place, 63.87 333 | ↑P | P | 00 28 02.3 -0.5 |
| F18A | Big Timber 63.88 334 | ↑P | P | 00 28 02.4 -0.4 |
| M10A | LL Ranch, Tu 63.94 327 | ↑P | P | 00 28 02.6 -0.7 |
| L11A | Cat Creek Ranc 63.97 328 | ↑P | P | 00 28 03.5 0.0 |
| J13A | Cove Ranch, Pi 64.05 330 | ↑P | P | 00 28 03.8 -0.1 |
| I14A | Mackay 64.08 330 | ↑P | P | 00 28 04.4 +0.2 |
| H15A | Lima 64.21 331 | ↑P | P | 00 28 05.3 +0.3 |
| WCN | Washoe City 64.27 323 | ↑P | P | 00 28 05.8 +0.3 |
| G16A | Moss Hill, Enn 64.28 332 | ↑P | P | 00 28 05.3 -0.1 |
| HLID | Hailey 64.28 330 | ↑P | P | 00 28 05.6 +0.1 |
| HLID | Hailey 64.28 330 | ↑P | P | 00 28 05.8 +0.3 |
| HLID | comp=Z,26nm,1.1s,mb2.5 | ePcP | PcP | 00 28 40.8 +0.7 |
| F17A | Fitzpatrick Pl 64.29 333 | ↑P | P | 00 28 05.5 0.0 |
| L10A | Juniper Basin 64.29 327 | ↑P | P | 00 28 05.4 -0.1 |
| PAHR | Pah Rah Range 64.31 324 | eP | P | 00 28 05.6 +0.7 |
| I13A | Wildhorse Cree 64.39 330 | ↑P | P | 00 28 06.3 +0.1 |
| J12A | Stokes Ranch, 64.40 329 | ↑P | P | 00 28 06.0 -0.3 |
| E18A | Harlowton 64.48 334 | ↑P | P | 00 28 06.3 -0.5 |
| BOZ | Bozeman (W) 64.52 333 | ↑P | P | 00 28 06.4 -0.6 |
| BOZ | Bozeman (W) 64.52 333 | eP | P | 00 28 06.5 -0.5 |
| BOZ | Bozeman (W) 64.52 333 | eP | P | 00 28 40.1 |
| BOZ | comp=Z,46nm,1.5s,mb5.3 | pmx | pmx | 00 28 06.5 -0.5 |
| BOZ | comp=Z,46nm,1.5s,mb5.3 | pmx | pmx | 00 28 40.1 -0.9 |
| K11A | Parker Ranch, 64.54 328 | ↑P | PcP | 00 28 07.0 -0.2 |
| G15A | Dillon 64.55 332 | ↑P | P | 00 28 06.9 -0.3 |
| H14A | Leadore 64.55 331 | ↑P | P | 00 28 07.2 0.0 |
| F16A | Kennard Place 64.62 333 | ↑P | P | 00 28 07.0 -0.6 |
| DLMT | Dillon 64.75 332 | eP | P | 00 28 04.3 -4.2 |
| E17A | Martinsdale 64.81 334 | ↑P | P | 00 28 08.5 -0.4 |
| I12A | Atlanta 64.81 329 | ↑P | P | 00 28 09.1 +0.2 |
| SAC | San Andreas 64.82 320 | eP | P | 00 28 11.0 +1.9 |
| MFID | Canas Ranch 64.89 329 | ↑P | P | 00 28 09.4 0.0 |
| D18A | Linhart Farms, 64.93 335 | ↑P | P | 00 28 09.3 -0.3 |
| H13A | Challis 64.94 330 | ↑P | P | 00 28 09.8 0.0 |
| K10A | MacKenzie Rang 64.99 328 | ↑P | P | 00 28 10.1 0.0 |
| BEKR | Beckworth 64.99 323 | ↑P | P | 00 28 10.4 +0.2 |
| F15A | Butte 65.06 332 | ↑P | P | 00 28 10.0 -0.5 |
| H12A | Diamond D Ranc 65.22 330 | ↑P | P | 00 28 11.5 -0.1 |
| E16A | Gas Helena 65.22 333 | ↑P | P | 00 28 10.9 -0.6 |
| D17A | Six Diamond Ra 65.27 334 | ↑P | P | 00 28 11.4 -0.4 |
| I11A | Planville 65.31 329 | ↑P | P | 00 28 11.7 -0.5 |
| G13A | Cobalt 65.32 331 | ↑P | P | 00 28 11.8 -0.4 |
| OHCN | Honcut 65.32 322 | eP | P | 00 28 14.3 +1.9 |
| SCHQ | Schefferville 65.35 6 | eP | P | 00 28 10.7 -1.5 |
| SCHQ | comp=Z,497nm,19.4s,MS4.7,baz=24,slow=37 | LR | LR | 00 57 30.5 |
| SCHQ | comp=Z,32nm,1.2s,mb5.2 | ePcP | PcP | 00 28 11.1 -1.1 |
| SCHQ | comp=Z,956nm,22.0s,MS5.0 | LR | LR | 00 28 12.1 -0.6 |
| F10A | Berg Farm, Mel 65.39 328 | ↑P | P | 00 28 12.9 -0.1 |
| F14A | Wisdom 65.44 332 | ↑P | P | 00 28 13.1 -0.2 |
| MCM | Marco Confer 65.45 320 | eP | P | 00 28 13.3 -0.4 |
| D16A | Dana Ranch, Ca 65.55 334 | ↑P | P | 00 28 12.9 -0.9 |
| E15A | Deer Lodge 65.57 333 | ↑P | P | 00 28 12.9 -0.9 |
| EGMT | Eagleton 65.57 335 | ↑P | P | 00 28 13.3 -0.5 |
| EGMT | Eagleton 65.57 335 | eP | P | 00 28 13.9 -0.6 |
| C17A | Wharram Farm 65.68 335 | ↑P | P | 00 28 15.4 -0.4 |
| I10A | Payrette 65.87 329 | ↑P | P | 00 28 15.3 -0.4 |
| G12A | Big Creek, Yel 65.87 330 | ↑P | P | 00 28 15.3 -0.4 |
| B18A | Beardsley Farm 65.87 336 | ↑P | P | 00 28 15.3 -0.4 |
| F13A | Darby 65.88 331 | ↑P | P | 00 28 15.4 -0.3 |
| H11A | Donnelly 65.91 330 | ↑P | P | 00 28 15.3 -0.7 |
| E14A | Clinton 65.95 332 | ↑P | P | 00 28 16.1 -0.2 |
| D15A | Lincoln 65.98 333 | ↑P | P | 00 28 15.5 -0.9 |
| HOPS | Hopland 66.08 321 | eP | P | 00 28 17.1 -0.2 |
| H10A | Noah's Angus R 66.19 329 | ↑P | P | 00 28 16.8 -1.1 |
| B17A | L&G Farms, Che 66.21 335 | ↑P | P | 00 28 17.1 -0.8 |
| C16A | Fuhringer Ranc 66.23 334 | ↑P | P | 00 28 17.7 -0.3 |
| J08A | Circle Bar Ran 66.24 327 | ↑P | P | 00 28 17.8 -0.4 |
| I09A | Lost Marbles R 66.28 328 | ↑P | P | 00 28 17.9 -0.5 |
| MOD | Mococ 66.28 325 | eP | P | 00 28 18.3 -0.2 |
| MOD | comp=Z,61nm,1.1s,mb5.5 | e | P | 00 28 27.2 -0.2 |
| E13A | Victor 66.29 332 | ↑P | P | 00 28 18.3 -0.1 |
| F12A | Elk City 66.29 331 | ↑P | P | 00 28 18.0 -0.5 |
| A18A | Metzger Ranch, 66.32 336 | ↑P | P | 00 28 17.7 -0.9 |
| D14A | Greenough 66.46 333 | ↑P | P | 00 28 19.1 -0.4 |
| MSO | Missoula 66.47 332 | eP | P | 00 28 19.7 +0.2 |
| LTIM | Timbered Crate 66.49 324 | ↑P | P | 00 28 19.7 -0.2 |
| G11A | Walters Elk Ra 66.53 330 | ↑P | P | 00 28 19.3 -0.7 |
| C15A | Salmond Ranch, 66.58 334 | ↑P | P | 00 28 20.3 0.0 |
| B16A | M & M Farms, S 66.69 335 | | | |

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| 1d 0h | Code | Station Name | Δ° | AZ° | Phase ID | Time | Res |
|----------------------------|-------------------|--------------|--------|------------|----------|------|-----|
| WMQ Urumqi | 143.61 21 | PKP | PKPdf | 00 37 03.3 | -1.9 | | |
| WMQ | | pPKP | pPKPdf | 00 37 13.9 | -0.7 | | |
| WMQ | | sPKP | sPKPdf | 00 37 17.7 | | | |
| WMQ | | PP | PP | 00 40 19.6 | +3.1 | | |
| WMQ | | SKS | SKSdf | 00 44 07.6 | -5.3 | | |
| WMQ | | SKKS | SKKSac | 00 47 04.9 | -3.3 | | |
| WMQ | | AMB | AMB | | | | |
| comp=Z,43nm,9.1s | | LR | LR | | | | |
| WMQ | | LR | LR | | | | |
| comp=N,440nm,22.0s,MS5.3 | | LR | LR | | | | |
| WMQ | | LR | LR | | | | |
| comp=E,350nm,21.4s,MS5.3 | | LR | LR | | | | |
| WMQ | | LR | LR | | | | |
| comp=Z,570nm,20.6s,MS5.3 | | ePKP | PKPdf | 00 37 07.6 | +0.9 | | |
| KAKA Kakadu | 144.01 231 | ePKP | PKPdf | 00 37 06.5 | -0.1 | | |
| comp=Z,3um,7.8s | | PKP | PKPdf | 00 37 02.3 | -4.4 | | |
| KAKA SNY | 144.45 335 | PKP | PKPdf | 00 37 07.7 | +1.2 | | |
| comp=Z,356nm,1.1s | | PKP | PKPdf | 00 40 21.7 | +0.1 | | |
| SNY | | SS | SS | 00 59 02.7 | -3.3 | | |
| SNY | | AMB | AMB | | | | |
| comp=Z,110nm,5.3s | | LR | LR | | | | |
| SNY | | LR | LR | | | | |
| comp=N,260nm,20.4s,MS5.1 | | LR | LR | | | | |
| SNY | | LR | LR | | | | |
| comp=E,190nm,20.4s,MS5.1 | | LR | LR | | | | |
| SNY | | LR | LR | | | | |
| comp=Z,310nm,24.3s,MS5.0 | | ePKP | PKPdf | 00 37 06.2 | -1.5 | | |
| KNA Kunurru | 144.64 223 | ePKP | PKPdf | 00 37 06.2 | -1.9 | | |
| comp=Z,52nm,1.1s | | PKP | PKPdf | 00 37 06.3 | -1.8 | | |
| FITZ Fitzroy Crossi | 144.85 217 | ePKP | PKPdf | 00 37 06.3 | -1.8 | | |
| comp=Z,34nm,0.7s | | PKP | PKPdf | 00 37 06.7 | -1.4 | | |
| FITZ Fitzroy Crossi | 144.85 217 | ePKP | PKPdf | 00 37 06.7 | -1.4 | | |
| comp=Z,52nm,1.1s | | ePKP | PKPdf | 00 37 07.8 | -0.7 | | |
| MWBA Marble Bar | 145.29 206 | ePKP | PKPdf | 00 37 07.8 | -1.0 | | |
| comp=Z,52nm,1.1s | | ePKP | PKPdf | 00 37 07.7 | -1.2 | | |
| MWBA Marble Bar | 145.29 206 | ePKP | PKPdf | 00 37 07.7 | -1.2 | | |
| comp=Z,52nm,1.1s | | ePKP | PKPdf | 00 37 08.8 | -0.7 | | |
| THN Thein Dam | 145.55 46 | ePKP | PKPdf | 00 40 52.6 | +5.5 | | |
| comp=Z,82nm,1.0s | | SKPbc | SKPbc | 00 40 52.6 | +5.5 | | |
| KSRs Korea Aray | 145.75 326 | SKPbc | SKPbc | 00 40 52.6 | +5.5 | | |
| comp=Z,82nm,1.0s | | SKPbc | SKPbc | 00 40 52.6 | +5.5 | | |
| KSRs Korea Aray | 145.75 326 | SKPbc | SKPbc | 00 40 52.6 | +5.5 | | |
| comp=Z,82nm,1.0s | | SKPbc | SKPbc | 00 40 52.6 | +5.5 | | |
| GIRL Giralla | 145.84 196 | ePKP | PKPdf | 00 37 04.7 | -5.0 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 08.9 | -3.6 | | |
| KKR Kurukshetra | 147.66 49 | ePKP | PKPdf | 00 37 13.1 | -2.0 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 10.6 | -2.2 | | |
| DL2 Dalian | 147.71 335 | PKPbc | PKPbc | 00 37 15.6 | | | |
| KHET Khetri | 147.81 53 | ePKP | PKPdf | 00 38 03.8 | | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 16.0 | | | |
| KHET Khetri | 147.81 53 | ePKP | PKPdf | 00 37 13.0 | -1.2 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| DDI Dehra Dun | 148.37 47 | ePKP | PKPdf | 00 37 17.6 | | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 17.6 | | | |
| DDI Dehra Dun | 148.37 47 | ePKP | PKPdf | 00 37 16.0 | | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 13.0 | -1.2 | | |
| NDI New Delhi | 148.61 51 | ePKP | PKPdf | 00 37 13.0 | -1.2 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 13.0 | -1.2 | | |
| AYAN Aya Nagar | 148.64 51 | ePKP | PKPdf | 00 37 13.0 | -1.2 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 13.0 | -1.2 | | |
| AYAN Aya Nagar | 148.64 51 | ePKP | PKPdf | 00 37 13.0 | -1.2 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 13.0 | -1.2 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | 148.67 343 | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| comp=Z,356nm,1.2s | | ePKP | PKPdf | 00 37 14.0 | +0.1 | | |
| BEIJ Beijing | | | | | | | |

Table with columns: LTK, Loutraki, 1.17 86 P, Pn, 00 44 25.0 +0.4, etc.

Table with columns: YKA, Youkifne Arr, 139.7314 PKP, PKPdf, 01 07 23.6 +0.2, etc.

Table with columns: U12A, Valley of Fire, 4.17 8 U, Pn, 00 54 27.6 -0.4, etc.

ISCJB 01 00:47:55.1-0.4, 58.385:0.07:22.1W:0.1, h10km, mb4.5/20, MS4.4/9, Error ellipse: s-maj=10.4km...

ISCJB 01 00:53:23.6:0.4, 32.33N:0.02:115.26W:0.02, h8km, 3km, Error ellipse: s-maj=2.9km s-min=2.3km az=176.3...

IDC 01 01:04:14.9:0.6, 10.33S:75.49W, h0km, mb4.1/9, mb1.4/3.13, mb1mx4.2/2.1, mbtmp4.1/13, ML3.8/4, MS3.8/2...

GCMT 01 00:48:00.7:0.3, 58.68S:22.15W, h39km, 1km, MW5.3, Moment tensor: Scale 1017Nm, Mrr0.05:0.07, Mtt0.4:1:0.6...

NEIC 01 00:53:25.9:0.6, 32.31N:115.30W, h7km, MD3.5, ML3.5, NEIC 01 00:53:25.9, 32.31N:115.30W, h7km, MD3.6(PAS).

IDC 01 01:04:16.2:2.2, 10.29S:0.05:75.38W:0.06, h24km, 16km, mb4.5/25, MS3.6/2, Error ellipse: s-maj=10.3km...

NEIC 01 00:48:00.6:0.3, 58.32S:22.18W, h35km, mb4.8/11 Error ellipse: s-maj=11.0km s-min=9.0km az=195.0

ISC 01 00:47:57.0:0.4, 58.39S:0.07:22.1W:0.1, h10km, n57, e121/37, mb4.5/20, MS4.4/9, 1D, South Sandwich Islands region

IDC 01 01:04:18.9:2.3, 10.34S:0.05:75.40W:0.06, h24km, 17km, mb4.4/L1M, Error ellipse: s-maj=13.1km s-min=7.4km

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

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| | | | | | |
|-------|-----------------------------------|-----------|----|---|-----------------|
| Y23A | Loveless Mesa, baz=53 | 52.79 328 | ↑P | P | 01 13 32.5 +0.2 |
| W25A | X Bar L Ranch, baz=55 | 52.99 330 | ↓P | P | 01 13 33.2 -0.5 |
| 219A | White Tail Can baz=54 | 53.11 324 | ↓P | P | 01 13 34.4 -0.3 |
| 318A | Bisbee baz=54 | 53.14 323 | ↑P | P | 01 13 34.6 -0.3 |
| 120A | U Bar Ranch, L baz=54 | 53.15 325 | ↓P | P | 01 13 34.7 -0.3 |
| Z21A | St. Cloud Mine baz=54 | 53.18 326 | ↑P | P | 01 13 35.0 -0.2 |
| W24A | Lazy 6 Ranch, baz=54 | 53.46 329 | ↓P | P | 01 13 37.4 +0.2 |
| Z20A | Nine Sixteen R baz=54, SNR=8.4 | 53.55 325 | ↑P | P | 01 13 38.0 +0.1 |
| 218A | Dragoon baz=54 | 53.55 323 | ↓P | P | 01 13 37.8 -0.2 |
| V25A | Rancho No Teng baz=54, SNR=8.0 | 53.56 330 | ↑P | P | 01 13 37.8 -0.2 |
| U26A | Atchley Ranch, baz=54 | 53.60 332 | ↑P | P | 01 13 38.7 +0.5 |
| Y21A | Point of Rocks baz=54, SNR=6.1 | 53.71 327 | ↓P | P | 01 13 39.6 +0.5 |
| LAZ | Ladron 3.8nm, 1.4s, mb4.1 | 53.72 327 | eP | P | 01 13 38.5 -0.7 |
| U25A | Circle Dot Ran baz=54 | 53.91 331 | ↑P | P | 01 13 40.1 -0.4 |
| 118A | Homack Ranch, baz=54 | 53.99 324 | ↑P | P | 01 13 40.7 -0.4 |
| Y20A | Horse Springs, baz=54 | 54.02 326 | ↓P | P | 01 13 41.3 0.0 |
| X21A | Alamocita Cree baz=54, SNR=12 | 54.10 327 | ↓P | P | 01 13 41.8 -0.1 |
| 117A | Oracle baz=55, SNR=7.7 | 54.39 323 | ↓P | P | 01 13 43.9 -0.2 |
| 216A | Three Points, baz=55 | 54.42 322 | ↓P | P | 01 13 43.8 -0.4 |
| T25A | Trinidad baz=55 | 54.51 332 | ↑P | P | 01 13 44.9 0.0 |
| Y19A | Nutriso baz=55 | 54.54 325 | ↑P | P | 01 13 45.3 +0.1 |
| U23A | El Rito baz=55 | 54.73 330 | ↑P | P | 01 13 46.8 +0.3 |
| V22A | San Miguel Ran baz=55 | 54.77 329 | ↓P | P | 01 13 46.7 -0.1 |
| Y18A | Canyon Day Jun baz=55 | 54.85 325 | ↑P | P | 01 13 47.1 -0.3 |
| S25A | Robets Cordova baz=55 | 54.95 332 | ↓P | P | 01 13 48.1 +0.1 |
| 116A | Eloy baz=55 | 54.96 322 | ↓P | P | 01 13 48.1 -0.1 |
| W20A | Ramah baz=55 | 55.00 327 | ↑P | P | 01 13 48.7 +0.3 |
| 214A | Organ Pipe Nat baz=56, SNR=6.7 | 55.22 321 | ↑P | P | 01 13 50.2 +0.1 |
| Y17A | Roosevelt baz=56 | 55.26 324 | ↑P | P | 01 13 50.2 -0.2 |
| S24A | Houchin Ranch, baz=56 | 55.29 331 | ↓P | P | 01 13 50.2 -0.3 |
| X18A | Snowflake baz=56 | 55.35 325 | ↑P | P | 01 13 51.0 0.0 |
| SDCO | Great Sand Dun 7.7nm, 1.5, mb4.7 | 55.52 331 | eP | P | 01 13 51.9 -0.2 |
| U21A | Nagezzi baz=56 | 55.55 329 | ↑P | P | 01 13 52.7 +0.3 |
| X17A | Forest Lakes baz=56 | 55.70 325 | ↓P | P | 01 13 53.7 +0.2 |
| Y16A | Circle Bar Ran baz=56, SNR=6.4 | 55.76 324 | ↑P | P | 01 13 53.9 0.0 |
| 114A | Black Gap (USA baz=56 | 55.80 322 | ↑P | P | 01 13 54.5 +0.2 |
| X16A | Lo Mia Camp, P baz=56, SNR=7.2 | 55.82 324 | ↑P | P | 01 13 56.5 -0.2 |
| S22A | 4UR Ranch, Cre baz=56 | 56.16 330 | ↑P | P | 01 13 56.5 -0.2 |
| Y15A | Casa Rosa Ranc baz=57 | 56.31 323 | ↓P | P | 01 13 57.6 -0.3 |
| R22A | Saguache, Gunn baz=57 | 56.50 331 | ↑P | P | 01 13 59.2 +0.1 |
| T19A | Beclabito baz=57 | 56.56 328 | ↑P | P | 01 14 00.2 +0.5 |
| Y17A | Tonale, Kykot baz=57, SNR=1.6 | 56.62 326 | ↑P | P | 01 13 59.8 -0.3 |
| X15A | Humboldt baz=57 | 56.63 324 | ↓P | P | 01 14 00.2 +0.1 |
| Y14A | Wickenburg baz=57 | 56.70 323 | ↓P | P | 01 14 00.8 +0.2 |
| WUAZ | Wupatki 1.1nm, 1.2s, mb4.8 | 56.87 325 | eP | P | 01 14 01.0 -0.8 |
| R21A | Cimarron baz=57 | 57.00 330 | ↑P | P | 01 14 02.6 0.0 |
| X14A | Yava baz=57 | 57.00 323 | ↑P | P | 01 14 02.9 +0.1 |
| Y13A | Salome baz=58 | 57.11 322 | ↑P | P | 01 14 03.6 0.0 |
| ECSD | EROS Data Cent 9.2nm, 1.3s, mb4.7 | 57.17 342 | eP | P | 01 14 02.4 -1.4 |
| GLA | Glamis baz=58 | 57.21 321 | ↑P | P | 01 14 04.3 0.0 |
| T18A | Mexican Hat baz=58, SNR=8.7 | 57.24 327 | ↑P | P | 01 14 04.3 -0.1 |
| S19A | Harvey Farm, M baz=58 | 57.31 328 | ↑P | P | 01 14 05.6 +0.7 |
| Y12C | Blythe baz=58 | 57.49 321 | ↓P | P | 01 14 06.4 +0.2 |
| V15A | Kaibab Nationa baz=58 | 57.54 325 | ↑P | P | 01 14 06.8 +0.2 |
| PDMCI | Parker Dam, Lak baz=58 | 57.63 322 | ↓P | P | 01 14 07.4 +0.2 |
| W14A | Seligman baz=58 | 57.63 324 | ↑P | P | 01 14 07.5 +0.3 |
| T17A | Navajo Res., N baz=58, SNR=7.7 | 57.63 327 | ↑P | P | 01 14 07.2 0.0 |
| S18A | Hurst Farm, BI baz=58, SNR=9.4 | 57.72 328 | ↑P | P | 01 14 07.7 -0.1 |
| V21A | Newcastle baz=58 | 57.85 331 | ↑P | P | 01 14 09.2 +0.5 |
| P14A | Boquillas Ranc baz=58 | 57.94 324 | ↑P | P | 01 14 09.7 +0.3 |
| BC3 | Big Chuckawall baz=58 | 58.00 321 | ↓P | P | 01 14 10.0 +0.1 |
| W13A | Hualapai Mount baz=58, SNR=5.3 | 58.02 323 | ↑P | P | 01 14 10.2 +0.2 |
| U15A | North Rim baz=58, SNR=7.8 | 58.04 325 | ↑P | P | 01 14 10.3 +0.2 |
| S17A | Black Ridge (B baz=58 | 58.10 327 | ↑P | P | 01 14 10.7 +0.2 |
| IRM | Iron Mountain baz=58 | 58.15 321 | ↓P | P | 01 14 10.6 -0.3 |
| R18A | Canyonlands Na baz=59 | 58.19 328 | ↑P | P | 01 14 11.0 -0.1 |
| Q19A | Hogan Spring (baz=59, SNR=5.7 | 58.30 329 | ↓P | P | 01 14 11.5 -0.3 |
| T15A | Red Dirt Ranch baz=59 | 58.52 326 | ↑P | P | 01 14 13.6 +0.2 |
| U14A | Mt Trumbull baz=59, SNR=5.2 | 58.54 325 | ↓P | P | 01 14 13.3 -0.3 |
| BELC | Belle Mtn. Jos baz=59 | 58.57 321 | ↑P | P | 01 14 13.7 -0.1 |
| S16A | Weppner Ranch, baz=59, SNR=6.1 | 58.59 327 | ↑P | P | 01 14 13.7 -0.2 |
| PFO | Pinyon Flat Ob baz=59 | 58.60 320 | ↓P | P | 01 14 14.6 +0.5 |
| V13A | Grand Canyon W baz=59 | 58.64 324 | ↑P | P | 01 14 14.1 +0.1 |
| R17A | Hanksville Air baz=59, SNR=7.9 | 58.64 328 | ↑P | P | 01 14 14.0 -0.2 |
| P19A | Cripple Cowboy baz=59 | 58.68 330 | ↑P | P | 01 14 14.6 +0.1 |
| O20A | White River Ci baz=59 | 58.71 331 | ↓P | P | 01 14 14.6 0.0 |
| Q18A | Rafter H Ranch baz=59 | 58.85 329 | ↓P | P | 01 14 16.2 +0.6 |
| N21A | Black Mountain baz=59 | 58.86 332 | ↑P | P | 01 14 15.9 +0.2 |
| GMRC | Granite Mounta baz=59 | 58.88 322 | ↓P | P | 01 14 16.1 +0.2 |
| T14A | Hurricane baz=59 | 58.94 325 | ↑P | P | 01 14 16.6 +0.2 |
| R16A | Peasdale baz=59 | 58.95 327 | ↓P | P | 01 14 16.8 +0.0 |
| U13A | Takson Wash baz=59 | 58.98 324 | ↓P | P | 01 14 17.0 +0.3 |
| V12A | Nelson baz=59 | 59.03 323 | ↓P | P | 01 14 17.2 +0.2 |
| SRU | San Rafael baz=59 | 59.06 329 | ↑P | P | 01 14 17.2 0.0 |

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|------|---|-----------|----|---|-----------------|
| SRU | San Rafael 10nm, 1.3s, mb4.7 | 59.06 329 | eP | P | 01 14 16.8 -0.3 |
| Q16A | Castle Valley baz=60 | 59.25 328 | ↑P | P | 01 14 19.0 +0.5 |
| O19A | Mirns Draw (B baz=60 | 59.26 330 | ↑P | P | 01 14 18.6 +0.1 |
| N20A | Spence Gulch, baz=60 | 59.27 331 | ↓P | P | 01 14 18.2 -0.3 |
| U18A | Preston Nutter baz=60 | 59.31 329 | ↑P | P | 01 14 18.9 +0.1 |
| P12A | Valley of Fire baz=60 | 59.33 324 | ↓P | P | 01 14 19.1 +0.1 |
| T13A | Saint George baz=60 | 59.37 325 | ↑P | P | 01 14 19.6 +0.2 |
| L22A | Ellis Ranch, M baz=60 | 59.38 333 | ↓P | P | 01 14 19.2 -0.1 |
| P17A | Butcher Ranch, baz=60 | 59.44 329 | ↓P | P | 01 14 20.3 +0.5 |
| V11A | Goodsprings baz=60 | 59.45 323 | ↑P | P | 01 14 20.1 +0.2 |
| M21A | Separation Pea baz=60 | 59.46 333 | ↓P | P | 01 14 20.3 +0.5 |
| L21A | Rawlins baz=60 | 59.75 333 | ↓P | P | 01 14 21.9 +0.1 |
| O17A | Robinson Place baz=60, SNR=5.8 | 59.98 329 | ↓P | P | 01 14 23.5 +0.1 |
| N18A | Larsen Ranch, baz=60 | 60.05 331 | ↓P | P | 01 14 24.4 +0.5 |
| R13A | O'Grain Ranch, baz=61 | 60.23 326 | ↑P | P | 01 14 25.4 +0.2 |
| T11A | Corn Creek, AI baz=61 | 60.28 324 | ↓P | P | 01 14 25.8 +0.2 |
| P15A | Leamington baz=61 | 60.31 328 | ↓P | P | 01 14 25.8 0.0 |
| O16A | Springville baz=61 | 60.38 329 | ↓P | P | 01 14 26.6 +0.4 |
| DAU | Daniels Canyon 17nm, 1.4s, mb4.9 | 60.41 329 | eP | P | 01 14 27.1 +0.7 |
| Q14A | Sevier Lake (B baz=61, SNR=9.8 | 60.42 327 | ↓P | P | 01 14 26.5 0.0 |
| R12A | Pony Springs, baz=61 | 60.69 325 | ↑P | P | 01 14 28.6 +0.2 |
| K20A | Yellowstone Ra baz=61 | 60.74 333 | ↑P | P | 01 14 28.6 0.0 |
| P14A | Drum Mountains baz=61, SNR=6.5 | 60.74 327 | ↑P | P | 01 14 28.6 -0.1 |
| L19A | Farson baz=61 | 60.77 332 | ↑P | P | 01 14 29.0 +0.2 |
| DUG | Dugway 14.4nm, 1.3s, mb5.0 | 61.05 328 | eP | P | 01 14 30.8 0.0 |
| K19A | Absolon Red Bu baz=62 | 61.10 332 | ↑P | P | 01 14 31.0 0.0 |
| AGMN | Agassiz Nation 1.1nm, 1.3s, mb4.9 | 61.12 345 | eP | P | 01 14 29.3 -1.8 |
| P13A | Bates Ranch, G baz=62 | 61.16 327 | ↓P | P | 01 14 31.7 +0.3 |
| R11A | Troy Canyon, C baz=62, SNR=6.4 | 61.25 325 | ↑P | P | 01 14 31.9 -0.3 |
| Q12A | Willow Creek R baz=62 | 61.31 326 | ↑P | P | 01 14 32.8 +0.2 |
| PDAR | Pinedale Array 2.0nm, 1.1s, mb4.2, baz=145, slow=5.4, SNR=11 | 61.38 332 | eP | P | 01 14 31.7 -1.2 |
| HWUT | Hardware Ranch 2.0nm, 1.1s, mb4.2, baz=145, slow=5.4, SNR=11 | 61.46 330 | eP | P | 01 14 32.6 -0.8 |
| L17A | Cokeville baz=62 | 61.49 331 | ↑P | P | 01 14 34.0 +0.3 |
| K18A | Toitan Ranch, baz=62 | 61.50 331 | ↓P | P | 01 14 34.0 +0.2 |
| S10A | Tonopah Range, baz=62 | 61.55 324 | ↑P | P | 01 14 34.2 +0.1 |
| PKM | Peak Mountain baz=62 | 61.56 319 | ↓P | P | 01 14 34.4 0.0 |
| P12A | McGill baz=62, SNR=6.5 | 61.66 326 | ↑P | P | 01 14 34.7 -0.1 |
| N14A | Grayback Hills baz=62 | 61.72 328 | ↑P | P | 01 14 35.7 +0.4 |
| J18A | Kenall Valley baz=62 | 61.94 332 | ↓P | P | 01 14 36.8 +0.1 |
| O12A | Currie baz=62, SNR=6.1 | 62.13 327 | ↑P | P | 01 14 37.9 -0.1 |
| L15A | Malad City baz=62, SNR=6.2 | 62.16 330 | ↑P | P | 01 14 38.6 0.0 |
| I18A | Diamond G Ranc baz=63 | 62.22 332 | ↑P | P | 01 14 38.0 0.0 |
| M14A | Sheep Mountain baz=63, SNR=9.5 | 62.28 329 | ↑P | P | 01 14 39.1 0.0 |
| J16A | Bone baz=63 | 62.73 331 | ↑P | P | 01 14 42.2 +0.2 |
| K15A | Arbon baz=63 | 62.74 330 | ↓P | P | 01 14 42.5 +0.4 |
| NVAR | Mina Array Bea 1.5nm, 0.8s, mb4.2, baz=157, slow=9.2, SNR=9.7 | 62.89 323 | eP | P | 01 14 43.3 +0.2 |
| ULM | Lac du Bonnet 3.9nm, 0.5s, mb4.8, baz=142, slow=3.1, SNR=3.8 | 62.93 345 | eP | P | 01 14 41.9 -1.2 |
| K14A | Jones Ranch, D baz=63 | 62.95 329 | ↓P | P | 01 14 43.8 +0.3 |
| L13A | Double Diamond baz=63 | 63.01 329 | ↑P | P | 01 14 44.2 +0.3 |
| M12A | Wells baz=63 | 63.03 328 | ↑P | P | 01 14 44.2 +0.1 |
| I16A | Newdale baz=64 | 63.13 331 | ↑P | P | 01 14 44.7 +0.1 |
| J15A | Blackfoot baz=64 | 63.22 331 | ↓P | P | 01 14 45.1 -0.2 |
| G18A | Lazy EL Ranch, baz=64 | 63.37 334 | ↑P | P | 01 14 46.1 -0.1 |
| M11A | Holland Ranch, baz=64 | 63.51 327 | ↑P | P | 01 14 47.0 -0.2 |
| L12A | House Creek Ra baz=64 | 63.60 328 | ↑P | P | 01 14 47.7 -0.1 |
| H16A | Russell Place, baz=64 | 63.65 332 | ↑P | P | 01 14 48.3 +0.2 |
| J14A | Wells baz=64 | 63.70 330 | ↓P | P | 01 14 47.9 -0.6 |
| K12A | Draper Farm, C baz=64, SNR=6.8 | 63.90 328 | ↑P | P | 01 14 49.7 -0.1 |
| F18A | Big Timber baz=64 | 63.90 334 | ↑P | P | 01 14 50.1 +0.4 |
| L11A | Cat Creek Ranc baz=64 | 64.01 328 | ↑P | P | 01 14 50.9 +0.4 |
| J13A | Cove Ranch, PI baz=64 | 64.08 329 | ↑P | P | 01 14 51.2 +0.3 |
| I14A | Mackay baz=64 | 64.11 330 | ↑P | P | 01 14 50.8 -0.3 |
| H15A | Lima baz=65 | 64.24 331 | ↓P | P | 01 14 52.5 +0.6 |
| F17A | Fitzpatrick PI baz=65 | 64.31 333 | ↑P | P | 01 14 52.8 +0.4 |
| I13A | Wildhorse Cree baz=65 | 64.43 330 | ↓P | P | 01 14 53.6 +0.4 |
| E18A | Harlowton baz=65 | 64.51 334 | ↑P | P | 01 14 54.2 +0.5 |
| BOZ | Bozeman (W) 5.3nm, 1.3s, mb4.4 | 64.55 333 | eP | P | 01 14 51.1 -2.8 |
| G15A | Dillon baz=65 | 64.58 332 | ↑P | P | 01 14 54.3 +0.2 |
| H14A | Leadore baz=65 | 64.58 331 | ↓P | P | 01 14 54.5 +0.3 |
| K11A | Parker Ranch, baz=65 | 64.58 328 | ↑P | P | 01 14 54.4 +0.1 |
| E17A | Martinsdale baz=65 | 64.83 334 | ↑P | P | 01 14 55.9 +0.1 |
| I12A | Atlanta baz=65 | 64.85 329 | ↑P | P | 01 14 56.2 +0.3 |
| MFID | Camas Ranch baz=65, SNR=11 | 64.93 329 | ↑P | P | 01 14 56.3 -0.2 |
| D18A | Linhart Farms, baz=65 | 64.96 335 | ↑P | P | 01 14 56.6 0.0 |
| H13A | Chase baz=65 | 64.97 330 | ↓P | P | 01 14 56.3 -0.4 |
| K10A | MacKenzie Ranc baz=65 | 65.02 327 | ↑P | P | 01 14 57.1 0.0 |
| BEKR | Beckworth baz=65 | 65.03 323 | ↑P | P | 01 14 57.3 0.0 |
| N12A | Diamond D Ranc baz=66 | 65.25 330 | ↓P | P | 01 14 58.7 +0.2 |
| D17A | Six Diamond Ra baz=66 | 65.30 334 | ↓P | P | 01 14 58.9 +0.1 |
| G13A | Cobalt baz=66 | 65.35 331 | ↑P | P | 01 14 59.3 +0.2 |
| I11A | Placerville baz=66 | 65.35 329 | ↓P | P | 01 14 59.6 +0.4 |
| D16A | Dana Ranch, Ca baz=66 | 65.57 334 | ↑P | P | 01 15 00.8 +0.2 |
| E15A | Deer Lodge baz=66 | 65.60 333 | ↓P | P | 01 15 01.2 +0.5 |
| C17A | Whiram Farm, baz=66 | 65.70 335 | ↓P | P | 01 15 01. |

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|-------|-----------------|------------|-------------|-----------------|
| OGNE | Ogallala | 119.08 301 | PFAKE LR | 02 13 40.0 +10 |
| R22A | Saguaro, Gunn | 119.10 296 | PKP Pdf | 02 13 30.2 +0.2 |
| X14A | Yava | 119.11 289 | PKP Pdf | 02 13 29.7 -0.5 |
| MVCO | Mesa Verde | 119.12 294 | ePKP Pdf LR | 02 13 29.0 -1.1 |
| S21A | Coal Bank Pass | 119.14 295 | PKP Pdf | 02 13 30.2 0.0 |
| WUAZ | Rough Rock, Ch | 119.16 293 | PKP Pdf | 02 13 30.5 +0.2 |
| WUAZ | Wupatki | 119.18 291 | ePKP Pdf LR | 02 13 30.3 0.0 |
| Y12C | Blythe | 119.36 287 | PKP Pdf | 02 13 30.8 +0.1 |
| R21A | Cimarron | 119.59 296 | PKP Pdf | 02 13 30.9 -0.1 |
| PDMOI | Parker Dam, Lak | 119.60 288 | PKP Pdf | 02 13 30.6 -0.6 |
| MONP | Monument Peak | 119.64 285 | PKP Pdf | 02 13 31.2 0.0 |
| Q22A | Crested Butte, | 119.68 296 | PKP Pdf | 02 13 31.3 +0.2 |
| A77A | Shonio | 119.69 292 | PKP Pdf | 02 13 31.0 +0.2 |
| VORD | Divnogorie | 119.73 40 | ePKIKP pmax | 02 13 29.6 -1.2 |
| T18A | Mexican Hat | 119.73 293 | PKP Pdf | 02 13 30.9 -0.4 |
| BC3 | Big Chuckawall | 119.75 287 | PKP Pdf | 02 13 31.2 -0.3 |
| W14A | Seligman | 119.79 289 | PKP Pdf | 02 13 31.2 -0.3 |
| ISCO | Idaho Springs | 119.81 298 | ePKIKP MLR | 02 13 30.5 -0.9 |
| V15A | Kaibab Nationa | 119.82 290 | PKP Pdf | 02 13 31.3 -0.2 |
| S19A | Harvey Farm, M | 119.86 294 | PKP Pdf | 02 13 31.4 -0.1 |
| VSR | Storozhevo | 119.90 39 | ePKIKP pmax | 02 13 29.8 -1.3 |
| VSR | Storozhevo | 119.90 39 | pmax | |
| VSR | Storozhevo | 119.90 39 | pmax | |
| SMCO | Snowmass | 119.96 297 | ePKP Pdf | 02 13 32.1 +0.4 |
| Q21A | Lamborn Mesa | 119.97 296 | PKP Pdf | 02 13 31.8 +0.0 |
| IRM | Iron Mountain | 120.00 287 | PKP Pdf | 02 13 31.5 -0.4 |
| T17A | Navajo Res., N | 120.08 292 | PKP Pdf | 02 13 32.3 +0.4 |
| W13A | Hualapai Mount | 120.10 289 | PKP Pdf | 02 13 32.1 0.0 |
| KONO | Kongsberg | 120.13 18 | PFAKE LR | 02 13 40.0 +8.7 |
| V14A | Boquillas Ranc | 120.14 290 | PKP Pdf | 02 13 32.3 +0.2 |
| PFO | Pinyon Flat Ob | 120.22 286 | PFAKE LR | 02 13 40.0 +7.6 |
| S18A | Hurst Farm, BI | 120.23 293 | PKP Pdf | 02 13 32.1 -0.1 |
| BELC | Belle Mtn. Jos | 120.30 286 | PKP Pdf | 02 13 32.5 0.0 |
| DDI | Dehra Dun | 120.31 81 | ex | 02 13 30.0 -2.6 |
| EYMN | Ely | 120.33 313 | PFAKE LR | 02 13 40.0 +7.9 |
| R19A | Cutley | 120.35 294 | PKP Pdf | 02 13 32.1 -0.3 |
| U15A | North Rim | 120.36 291 | PKP Pdf | 02 13 32.4 -0.1 |
| Q20A | Ridgely Place | 120.41 296 | PKP Pdf | 02 13 32.3 -0.3 |
| T16A | Glen Canyon Da | 120.42 292 | PKP Pdf | 02 13 32.5 -0.1 |
| S17A | Black Ridge (B | 120.58 293 | PKP Pdf | 02 13 33.1 +0.1 |
| MURC | Murrieta | 120.60 285 | PKP Pdf | 02 13 32.4 -0.6 |
| R18A | Canyonlands Na | 120.73 294 | PKP Pdf | 02 13 33.0 -0.2 |
| GMR | Granite Mounta | 120.74 287 | PKP Pdf | 02 13 33.4 0.0 |
| V13A | Grand Canyon W | 120.75 289 | PKP Pdf | 02 13 33.1 -0.2 |
| U14A | Mit Trumbull | 120.79 290 | PKP Pdf | 02 13 33.1 -0.3 |
| SCI | San Clemente I | 120.80 284 | PKP Pdf | 02 13 33.1 -0.4 |
| Q19A | Hogan Spring I | 120.89 295 | PKP Pdf | 02 13 33.8 +0.3 |
| P20A | De Beque | 120.87 296 | PKP Pdf | 02 13 33.1 -0.3 |
| PHWV | Pilot Hill | 120.93 299 | ePKP Pdf | 02 13 32.7 -0.8 |
| N22A | Wattenberg Ran | 121.00 298 | PKP Pdf | 02 13 33.4 -0.3 |
| S16A | Weppner Ranch | 121.03 292 | PKP Pdf | 02 13 33.1 -0.7 |
| V12A | Nelson | 121.08 288 | PKP Pdf | 02 13 33.8 -0.2 |
| R17A | Hanksville Air | 121.15 293 | PKP Pdf | 02 13 33.4 -0.6 |
| U13A | Pakoon Wash | 121.18 290 | PKP Pdf | 02 13 34.4 +0.3 |
| T14A | Hurricane | 121.25 291 | PKP Pdf | 02 13 34.1 -0.1 |
| P19A | Cripple Cowboy | 121.27 296 | PKP Pdf | 02 13 34.1 0.0 |
| Q20A | White River Ci | 121.31 296 | PKP Pdf | 02 13 33.7 -0.6 |
| BFS | Mount Baldy Ra | 121.33 285 | PKP Pdf | 02 13 34.4 -0.1 |
| Q18A | Rafter H Ranch | 121.41 294 | PKP Pdf | 02 13 34.0 -0.4 |
| R16A | Teasdale | 121.42 293 | PKP Pdf | 02 13 34.6 +0.1 |
| V11A | Goodsprings | 121.46 288 | PKP Pdf | 02 13 34.5 -0.2 |
| N21A | Black Mountain | 121.47 287 | PKP Pdf | 02 13 34.1 -0.4 |
| U12A | Valley of Fire | 121.48 289 | PKP Pdf | 02 13 34.4 -0.3 |
| CM31 | Chiang Mai Arr | 121.58 107 | ePKP Pdf LR | 02 13 35.1 -0.3 |
| CMAR | Chiang Mai Arr | 121.58 107 | PKP Pdf | 02 13 35.1 -0.4 |
| CMAR | Chiang Mai Arr | 121.58 107 | PKP Pbc | 02 23 34.0 +1.3 |
| CMAR | Chiang Mai Arr | 121.58 107 | PKP Pbc | 02 13 35.1 -0.3 |
| SRU | San Rafael | 121.60 294 | PKP Pdf | 02 13 34.1 -0.7 |
| SRU | San Rafael | 121.60 294 | ePKP Pdf | 02 13 34.1 -0.7 |
| T13A | Saint George | 121.62 290 | PKP Pdf | 02 13 34.9 -0.1 |
| NB2 | NORSAR Subarrat | 121.71 18 | PKP Pdf | 02 13 33.1 -1.2 |
| NB2 | NORSAR Subarrat | 121.71 18 | PKP Pdf | 02 13 33.1 -1.2 |
| NOA | NORSAR Array B | 121.71 18 | PKP Pdf | 02 13 33.7 -0.6 |
| NOA | NORSAR Array B | 121.71 18 | PKP Pbc | 02 23 33.2 +0.2 |
| NOA | NORSAR Array B | 121.71 18 | PKP Pbc | 02 13 33.7 -0.6 |
| NOA | NORSAR Array B | 121.71 18 | PKP Pbc | 02 13 33.7 -0.6 |
| GSC | Goldstone | 121.73 287 | PKP Pdf | 02 13 35.1 -0.1 |
| CCUT | Cedar City | 121.77 291 | ePKP Pdf | 02 13 35.2 0.0 |
| S14A | Cedar City | 121.84 291 | PKP Pdf | 02 13 35.1 -0.2 |

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|------|-----------------|------------|-------------|-----------------|
| DMN | Daman | 121.86 88 | eP | 02 13 34.7 -1.0 |
| O19A | Miners Draw (B | 121.86 296 | PKP Pdf | 02 13 34.8 -0.5 |
| N20A | Speck Gulch, | 121.87 297 | PKP Pdf | 02 13 34.8 -0.5 |
| P18A | Preston Nutter | 121.87 295 | PKP Pdf | 02 13 35.4 0.0 |
| CHTO | Chiang Mai | 121.88 107 | ePKIKP MLR | 02 13 35.7 -0.3 |
| CHTO | Chiang Mai | 121.88 107 | PKP Pdf | 02 13 35.7 -0.3 |
| MSU | Marysvalde | 121.94 292 | ePKIKP | 02 13 35.9 +0.4 |
| MVU | Marysvalde | 121.95 292 | PFAKE LR | 02 13 50.0 +1.4 |
| L22A | Ellis Ranch, M | 121.96 299 | PKP Pdf | 02 13 35.5 0.0 |
| PKIN | Phulchoki | 121.98 89 | eP | 02 13 34.8 -1.1 |
| PKI | Pulchoki | 121.99 89 | eP | 02 13 34.7 -1.2 |
| P17A | Butcher Ranch, | 121.99 294 | PKP Pdf | 02 13 35.6 +0.1 |
| ARUT | Antelope Range | 121.99 291 | ePKIKP | 02 13 35.8 +0.2 |
| ARUT | Antelope Range | 121.99 291 | eP | 02 15 09.5 |
| EDW2 | Edwards Air Fo | 122.00 285 | PKP Pdf | 02 13 35.6 -0.1 |
| S13A | Holt Ranch, En | 122.04 291 | PKP Pdf | 02 13 35.9 +0.2 |
| RWWY | Rawlins | 122.05 298 | ePKP Pdf | 02 13 34.9 -0.7 |
| M21A | Separation Pea | 122.06 298 | PKP Pdf | 02 13 34.8 -0.8 |
| TMUT | Trail Mountain | 122.08 294 | ePKP Pdf | 02 13 35.8 +0.1 |
| KKN | Kakani | 122.09 88 | eP | 02 13 34.9 -1.2 |
| RAMN | Ramona | 122.12 90 | eP | 02 13 35.5 -0.7 |
| O18A | Roosevelt | 122.26 295 | PKP Pdf | 02 13 36.2 +0.1 |
| AGMN | Agassiz Nation | 122.33 311 | ePKP Pdf LR | 02 13 34.3 -1.6 |
| L21A | Rawlins | 122.34 298 | PKP Pdf | 02 13 35.3 -0.9 |
| N19A | Delamar River | 122.35 296 | PKP Pdf | 02 13 36.2 0.0 |
| U10A | Ash Meadows, A | 122.37 288 | PKP Pdf | 02 13 36.8 +0.4 |
| OBN | Obninsk | 122.37 35 | ePKIKP | 02 13 35.0 -0.8 |
| OBN | Obninsk | 122.37 35 | ePSS | 02 13 43.8 |
| OBN | Obninsk | 122.37 35 | eSS | 02 25 07.5 |
| OBN | Obninsk | 122.37 35 | pmax | 02 31 53.7 +0.1 |
| OBN | Obninsk | 122.37 35 | pmax | |
| Q15A | Fillmore | 122.42 293 | PKP Pdf | 02 13 36.8 +0.4 |
| T11A | Corn Creek, AI | 122.45 289 | PKP Pdf | 02 13 36.8 +0.3 |
| ODAN | Odare | 122.46 91 | eP | 02 13 36.0 -0.9 |
| RSSD | Black Hills | 122.50 302 | ePKIKP MLR | 02 13 35.7 -0.7 |
| GUN | Gumba | 122.51 89 | eP | 02 13 36.0 -0.9 |
| P16A | Fountain Gene | 122.54 294 | PKP Pdf | 02 13 37.1 +0.4 |
| S12A | Delamar Landin | 122.55 290 | PKP Pdf | 02 13 37.4 +0.7 |
| O17A | Robinson Place | 122.55 295 | PKP Pdf | 02 13 36.8 +0.2 |
| R13A | O Grain Ranch, | 122.56 291 | PKP Pdf | 02 13 37.0 +0.3 |
| N18A | Larsen Ranch, | 122.65 296 | PKP Pdf | 02 13 36.8 0.0 |
| MPMC | Manual Prospec | 122.67 287 | PKP Pdf | 02 13 37.5 +0.5 |
| FURC | Furnace Creek, | 122.67 287 | PKP Pdf | 02 13 37.5 +0.6 |
| BORG | Borgarnes | 122.68 0 | PFAKE LR | 02 13 50.0 +1.4 |
| BORG | Borgarnes | 122.68 0 | PFAKE LR | 02 13 50.0 +1.4 |
| P15A | Leamington | 122.81 293 | PKP Pdf | 02 13 37.2 0.0 |
| M19A | Rock Springs | 122.82 297 | PKP Pdf | 02 13 36.7 -0.3 |
| L20A | Wamsutter | 122.82 298 | PKP Pdf | 02 13 36.8 -0.3 |
| MPU | Maple Canyon | 122.84 294 | ePKP Pdf | 02 13 37.8 +0.6 |
| Q14A | Sevier Lake (B | 122.85 292 | PKP Pdf | 02 13 37.5 +0.3 |
| ISA | Isabella | 122.86 286 | PKP Pdf | 02 13 37.8 +0.3 |
| ISA | Isabella | 122.86 286 | ePKP Pdf | 02 13 37.8 +0.5 |
| DAC | Darwin (Calif) | 122.89 287 | PFAKE LR | 02 13 50.0 +1.3 |
| PKM | Peak Mountain | 122.95 284 | PKP Pdf | 02 13 37.9 +0.4 |
| DAU | Davis Canyon | 122.97 294 | ePKIKP | 02 13 38.3 +0.9 |
| R12A | Pony Springs, | 122.99 291 | PKP Pdf | 02 13 37.8 +0.2 |
| NLU | North Lily Min | 123.01 294 | ePKP Pdf | 02 13 37.8 +0.3 |
| TAPN | Tapplejun | 123.03 91 | eP | 02 13 36.2 -1.8 |
| S11A | Rachel | 123.03 289 | PKP Pdf | 02 13 38.0 +0.3 |
| DAV | Davaco City (W) | 123.08 140 | PFAKE LR | 02 13 50.0 +1.1 |
| DAV | Davaco City (W) | 123.08 140 | PFAKE LR | 02 13 50.0 +1.1 |
| Q13A | Wheeler Ranch, | 123.19 291 | PKP Pdf | 02 13 38.1 +0.2 |
| M18A | Lyman | 123.19 296 | PKP Pdf | 02 13 37.7 -0.1 |
| JLU | Jordanelle | 123.21 294 | ePKP Pdf | 02 13 37.9 +0.1 |
| P14A | Drum Mountains | 123.21 293 | PKP Pdf | 02 13 38.0 +0.1 |
| K20A | Yellowstone Ra | 123.33 298 | PKP Pdf | 02 13 37.1 -0.9 |
| L19A | Farson | 123.38 297 | PKP Pdf | 02 13 38.2 0.0 |
| N16A | Rees Ranch, Co | 123.42 295 | PKP Pdf | 02 13 38.5 +0.2 |
| CTU | Camp Tracy | 123.42 294 | ePKP Pdf | 02 13 38.2 -0.1 |
| O15A | The Old Anders | 123.45 294 | PKP Pdf | 02 13 38.5 +0.2 |
| R11A | Troy Canyon, C | 123.49 290 | PKP Pdf | 02 13 38.7 +0.2 |
| M17A | Scully Gap (B | 123.51 296 | PKP Pdf | 02 13 37.9 -0.5 |
| DUG | Dugway | 123.56 293 | ePKIKP | 02 13 38.5 0.0 |
| DUG | Dugway | 123.56 293 | eP | 02 15 19.6 |
| L18A | Fontenelle, Gr | 123.56 296 | PKP Pdf | 02 13 38.5 0.0 |
| P13A | Bates Ranch, G | 123.57 292 | PKP Pdf | 02 13 38.8 +0.2 |
| Q12A | Willow Creek R | 123.65 291 | PKP Pdf | 02 13 38.8 +0.1 |
| S10A | Doniphan Range | 123.67 289 | PKP Pdf | 02 13 38.9 +0.1 |
| K19A | Absolon Red Bu | 123.68 298 | PKP Pdf | 02 13 37.5 -1.2 |
| RCTC | Rector, Farmer | 123.75 286 | PKP Pdf | 02 13 39.2 +0.2 |
| SHL | Shillong | 123.79 96 | PKP Pdf | 02 13 38.0 -1.5 |
| R10A | Warm Springs | 123.80 287 | PKP Pdf | 02 13 39.5 +0.4 |
| TIN | Tinmahua | 123.82 287 | PKP Pdf | 02 13 39.2 +0.1 |
| ULM | Lac du Bonnet | 123.89 312 | PKP Pbc | 02 13 37.1 -1.8 |
| ULM | Lac du Bonnet | 123.89 312 | ePKP Pdf | 02 13 37.1 -1.7 |
| Q11A | Duckwater | 123.91 290 | PKP Pdf | 02 13 39.5 +0.3 |
| N15A | Stansbury Isla | 123.95 294 | PKP Pdf | 02 13 39.4 +0.1 |
| BW06 | Boulder Array | 123.98 297 | PFAKE LR | 02 13 50.0 +1.1 |
| BW06 | Boulder Array | 123.98 297 | PFAKE LR | 02 13 50.0 +1.1 |
| PDAR | Pinedale Array | 123.98 297 | PKP | 02 13 38.0 -1.2 |

| | | | | |
|------|----------------|------------|----------|-----------------|
| P12A | McGill | 124.02 291 | PKP Pdf | 02 13 39.5 0.0 |
| HWUT | Hardware Ranch | 124.04 295 | ePKP Pdf | 02 13 39.1 -0.3 |
| HWUT | Hardware Ranch | 124.04 295 | PKP Pbc | 02 13 25.2 +0.9 |
| O13A | Hicks Ranch, I | 124.08 292 | PKP Pdf | 02 13 39.4 -0.2 |
| L17A | Goldville | 124.09 296 | PKP Pdf | 02 13 38.9 -0.6 |
| TPH | Tonopah | 124.10 288 | PFAKE LR | 02 13 50.0 +1.0 |
| K18A | Toltan Ranch, | 124.11 297 | PKP Pdf | 02 13 39.4 -0.1 |
| BGU | Big Grassy Mou | 124.22 294 | ePKP Pdf | 02 13 39.9 +0.1 |
| SPUT | South Promonto | 124.24 294 | ePKP Pdf | 02 13 39.9 0.0 |
| N14A | Grayback Hills | 124.24 293 | PKP Pdf | 02 13 40.1 +0.2 |
| Q10A | Clear Creek Ra | 124.26 290 | PKP Pdf | 02 13 39.7 -0.2 |
| L16A | Fish Haven | 124.29 296 | PKP Pdf | 02 13 39.6 -0.2 |
| M15A | Larsen Ranch, | 124.35 294 | PKP Pdf | 02 13 39.7 -0.4 |
| P11A | Circle Ranch, | 124.50 291 | PKP Pdf | 02 13 40.2 -0.2 |
| J18A | Kandall Valley | 124.54 297 | PKP Pdf | 02 13 39.5 -0.8 |
| O12A | Currie | 124.55 292 | PKP Pdf | 02 13 40.7 +0.2 |
| MLAC | Mammoth Lakes | 124.57 287 | PKP Pdf | 02 13 41.0 +0.4 |
| K17A | Gardner Place, | 124.61 297 | PKP Pdf | 02 13 40.6 +0.2 |
| AHID | Auburn Hatcher | 124.71 296 | PFAKE LR | 02 13 50.0 +9.3 |
| L15A | Malad City | 124.74 295 | PKP Pdf | 02 13 40.4 -0.4 |
| N13A | Wendover, West | 124.74 293 | PKP Pdf | 02 13 41.0 +0.2 |
| N13A | Wendover, West | 124.74 293 | ePKP Pdf | 02 13 41.2 +0.4 |
| HVU | Hansel Valley | 124.75 294 | ePKIKP | 02 13 40.6 -0.2 |
| M14A | Sheep Mountain | 124.82 294 | PKP Pdf | 02 13 41.2 +0.3 |
| I18A | Diamond G Ranc | 1 | | |

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|-------------|---------------------------|------------|--------|-------|------------|------|
| F18A | Big Timber | 126.45 300 | ↑P | PKPdf | 02 13 43.7 | -0.2 |
| G17A | Pierce Place, | 126.48 299 | ↑P | PKPdf | 02 13 44.4 | +0.5 |
| L11A | Cat Creek Ranch | 126.49 293 | ↑P | PKPdf | 02 13 44.8 | +0.7 |
| J13A | Cove Ranch, Pi | 126.66 295 | ↑P | PKPdf | 02 13 44.9 | +0.5 |
| I14A | MacKay | 126.71 292 | ↑P | PKPdf | 02 13 45.3 | +0.8 |
| LSA | Lhasa | 126.72 96 | PKP | PKPdf | 02 13 44.5 | -0.5 |
| L10A | Juniper Basin | 126.78 292 | ↑P | PKPdf | 02 13 45.1 | +0.5 |
| H15A | Lima | 126.84 297 | ↑P | PKPdf | 02 13 45.4 | +0.7 |
| F17A | Fitzpatrick Pi | 126.88 299 | ↑P | PKPdf | 02 13 45.3 | +0.6 |
| HLID | Hailey | 126.89 295 | PFAKE | LR | 02 14 00.0 | +15 |
| G16A | Moss Hill, Enn | 126.91 298 | ↑P | PKPdf | 02 13 45.1 | +0.3 |
| J12A | Stokes Ranch, | 126.99 294 | ↑P | PKPdf | 02 13 45.4 | +0.4 |
| I13A | Wildhorse Cree | 127.02 295 | ↑P | PKPdf | 02 13 45.6 | +0.6 |
| MCCM | Marconi Confer | 127.02 284 | PFAKE | LR | 02 14 00.0 | +15 |
| E18A | Harlowton | 127.04 300 | ↑P | PKPdf | 02 13 45.0 | 0.0 |
| BEKR | Beckworth | 127.04 288 | ↑P | PKPdf | 02 13 45.6 | +0.4 |
| K11A | Parker Ranch, | 127.08 293 | ↑P | PKPdf | 02 13 45.6 | +0.4 |
| MCMT | McKenzie Canyo | 127.10 297 | ePKPdf | PKPdf | 02 13 45.6 | +0.4 |
| BOZ | Bozeman (W) | 127.14 298 | ePKIKP | MLR | 02 13 45.3 | +0.1 |
| G15A | Dillon | 127.18 297 | ↑P | PKPdf | 02 13 45.7 | +0.4 |
| H14A | Leadore | 127.18 296 | ↑P | PKPdf | 02 13 45.9 | +0.6 |
| AML | Almayashu | 127.23 68 | P | PKPdf | 02 13 45.5 | 0.0 |
| AML | Almayashu | 127.23 68 | ePKPdf | PKPdf | 02 13 45.3 | -0.2 |
| F16A | Kenard Place, | 127.24 298 | ↑P | PKPdf | 02 13 45.7 | +0.3 |
| DLMT | Dillon | 127.38 297 | ePKPdf | PKPdf | 02 13 46.3 | +0.6 |
| E17A | Martinsdale | 127.39 300 | ↑P | PKPdf | 02 13 45.9 | +0.2 |
| LCCM | Lewis and Clar | 127.40 298 | P | PKPdf | 02 13 46.5 | +0.8 |
| QIZ | Qiongzong | 127.41 117 | PKP | PKPdf | 02 13 47.1 | +0.5 |
| QIZ | | | SS | SS | 02 32 59.8 | +2.8 |
| QIZ | | | AMB | AMB | | |
| QIZ | | | LR | LR | | |
| QIZ | | | LR | LR | | |
| I12A | Atlanta | 127.41 294 | ↑P | PKPdf | 02 13 46.3 | +0.5 |
| D18A | Linhart Farms, | 127.46 301 | ↑P | PKPdf | 02 13 45.5 | -0.3 |
| MFID | Camax Ranch | 127.47 294 | ↑P | PKPdf | 02 13 46.1 | +0.2 |
| K10A | MacKenzie Ranc | 127.50 292 | ↑P | PKPdf | 02 13 46.6 | +0.6 |
| JOF | Joensuu | 127.55 28 | ePKIKP | pmax | 02 13 44.0 | -1.4 |
| JOF | | | ep | PKPdf | 02 13 44.0 | -1.4 |
| H13A | Joensuu | 127.55 28 | ep | PKPdf | 02 13 44.0 | -1.4 |
| JOF | Challis | 127.57 296 | ↑P | PKPdf | 02 13 46.1 | +0.1 |
| LRM | Limekiln Ridge | 127.65 298 | ePKPdf | PKPdf | 02 13 46.5 | +0.3 |
| EKS2 | Erkin-Say | 127.67 68 | P | PKPdf | 02 13 46.1 | -0.2 |
| EKS2 | Erkin-Say | 127.67 68 | ePKPdf | LR | 02 13 46.0 | -0.4 |
| F15A | Butte | 127.69 298 | ↑P | PKPdf | 02 13 46.7 | +0.4 |
| HOPS | Hopland | 127.76 285 | PFAKE | LR | 02 14 00.0 | +13 |
| D17A | East Helena | 127.82 300 | ↑P | PKPdf | 02 13 46.5 | 0.0 |
| E16A | Six Diamond Ra | 127.83 299 | ↑P | PKPdf | 02 13 46.4 | -0.1 |
| H12A | Diamond D Ranc | 127.84 295 | ↑P | PKPdf | 02 13 47.0 | +0.4 |
| I11A | Placerville | 127.90 294 | ↑P | PKPdf | 02 13 46.9 | +0.1 |
| J10A | Berg Farm, Mel | 127.93 293 | ↑P | PKPdf | 02 13 46.8 | 0.0 |
| G13A | Cobalt | 127.95 296 | ↑P | PKPdf | 02 13 46.6 | -0.1 |
| KZA | Kyzart | 127.97 70 | P | PKPdf | 02 13 47.2 | +0.3 |
| AAK | Ala-Archa | 128.00 69 | P | PKPdf | 02 13 47.2 | +0.2 |
| AAK | Ala-Archa | 128.00 69 | PKP | PKPdf | 02 13 46.5 | -0.4 |
| AAK | Ala-Archa | 128.00 69 | ePKIKP | PKPdf | 02 13 46.5 | -0.5 |
| EGMT | Eagleton | 128.05 302 | ePKPdf | LR | 02 13 46.7 | -0.2 |
| F14A | Wisdom | 128.08 297 | ↑P | PKPdf | 02 13 47.1 | +0.1 |
| WVOR | Wild Horse Val | 128.11 291 | ePKIKP | MLR | 02 13 47.6 | +0.4 |
| D16A | Dana Ranch, Ca | 128.13 300 | ↑P | PKPdf | 02 13 47.1 | +0.1 |
| F15A | Deer Lodge | 128.19 298 | ↑P | PKPdf | 02 13 47.0 | -0.2 |
| FRU | Bishkek | 128.21 68 | ePKIKP | pmax | 02 13 45.6 | -1.7 |
| C17A | Wharram Farm, | 128.22 301 | ↑P | PKPdf | 02 13 46.8 | -0.4 |
| KBK | Karagaybulak | 128.24 69 | P | PKPdf | 02 13 47.5 | +0.1 |
| B18A | Beardsley Farm | 128.34 302 | ↑P | PKPdf | 02 13 47.0 | -0.4 |
| CHMS | Chumysh | 128.39 68 | P | PKPdf | 02 13 46.9 | -0.8 |
| I10A | Payette | 128.44 294 | ↑P | PKPdf | 02 13 48.2 | +0.5 |
| USP | Ospenovka | 128.47 68 | P | PKPdf | 02 13 47.0 | -0.2 |
| G12A | Big Creek, Yel | 128.50 295 | ↑P | PKPdf | 02 13 47.6 | -0.2 |
| H11A | Donnelly | 128.51 295 | ↑P | PKPdf | 02 13 48.2 | +0.3 |
| F13A | Darby | 128.51 297 | ↑P | PKPdf | 02 13 47.5 | -0.3 |
| MOD | Modoc | 128.54 289 | ePKPdf | LR | 02 13 48.6 | +0.5 |
| E14A | Clinton | 128.58 298 | ↑P | PKPdf | 02 13 48.2 | +0.3 |
| D15A | Lincoln | 128.59 299 | ↑P | PKPdf | 02 13 48.1 | +0.2 |
| WDC | Whiskeytown Da | 128.68 287 | ePKIKP | MLR | 02 13 48.2 | -0.1 |
| J08A | Circle Bar Ran | 128.71 292 | ↑P | PKPdf | 02 13 48.9 | +0.6 |
| B17A | L&G Farms, Che | 128.72 301 | ↑P | PKPdf | 02 13 47.9 | -0.3 |
| TKM2 | Tokmak 2 | 128.75 69 | P | PKPdf | 02 13 47.5 | -0.9 |
| TKM2 | Tokmak 2 | 128.75 69 | ePKPdf | PKPdf | 02 13 47.4 | -1.0 |
| TKM2 | | | ePP | PKPdf | 02 15 55.6 | +0.4 |
| TKM2 | | | LR | LR | | |
| A10A | Metzger Ranch, | 128.75 302 | ↑P | PKPdf | 02 13 47.8 | -0.4 |
| H18A | Noah's Angus R | 128.78 294 | ↑P | PKPdf | 02 13 48.1 | -0.3 |
| C16A | Fuhringer Ranc | 128.79 300 | ↑P | PKPdf | 02 13 47.9 | -0.4 |

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|-------------|----------------------------|------------|--------|-------|------------|------|
| I09A | Walt Marbles R | 128.81 293 | ↑P | PKPdf | 02 13 47.6 | -0.9 |
| CHMT | Chamberlain Mo | 128.83 298 | ePKPdf | PKPdf | 02 13 48.3 | -0.1 |
| E13A | Victor City | 128.83 297 | ↑P | PKPdf | 02 13 48.5 | -0.1 |
| F12A | Elk River | 128.93 296 | ↑P | PKPdf | 02 13 48.1 | -0.6 |
| KMI | Kunming | 129.06 106 | PKP | PKPdf | 02 13 50.1 | +0.5 |
| KMI | | | PP | PKPdf | 02 16 06.3 | +8.8 |
| KMI | | | SKKS | SKKS | 02 22 56.0 | +0.8 |
| KMI | | | AMB | AMB | | |
| KMI | | | LR | LR | | |
| KMI | | | LR | LR | | |
| D14A | Greenough | 129.07 298 | ↑P | PKPdf | 02 13 48.3 | -0.6 |
| MSO | Missoula | 129.09 298 | ePKPdf | LR | 02 13 48.7 | -0.2 |
| G11A | Salmond Ranch, | 129.15 295 | ↑P | PKPdf | 02 13 49.1 | +0.1 |
| C15A | Salmond Ranch, | 129.17 300 | ↑P | PKPdf | 02 13 48.4 | -0.6 |
| SLMT | Seeley Lake | 129.19 299 | ePKPdf | PKPdf | 02 13 48.6 | -0.4 |
| B16A | Mc & M Farms, S | 129.22 301 | ↑P | PKPdf | 02 13 48.2 | -0.8 |
| BMO | Blue Mountains, | 129.24 294 | ePKIKP | PKPdf | 02 13 48.9 | -0.4 |
| H05A | Durkee | 129.28 293 | ↑P | PKPdf | 02 13 49.2 | -0.1 |
| K09A | Summer Lake | 129.44 290 | ↑P | PKPdf | 02 13 50.3 | +0.6 |
| F11A | Grangeville | 129.45 296 | ↑P | PKPdf | 02 13 48.7 | -1.0 |
| G10A | Bishop Farm, J | 129.48 294 | ↑P | PKPdf | 02 13 49.4 | -0.3 |
| D13A | Huson | 129.53 298 | ↑P | PKPdf | 02 13 48.9 | -0.8 |
| E12A | Bradley Ranch, | 129.54 300 | ↑P | PKPdf | 02 13 48.2 | -1.5 |
| B15A | Beaver Dam Sad, | 129.56 296 | ↑P | PKPdf | 02 13 49.0 | -0.8 |
| SWMT | Swartz Lake | 129.62 298 | ePKPdf | PKPdf | 02 13 49.3 | -0.5 |
| YBH | Yreka Blue Hor | 129.62 287 | ePKIKP | MLR | 02 13 50.0 | -0.1 |
| H08A | Prairie City | 129.66 293 | ↑P | PKPdf | 02 13 49.8 | -0.3 |
| C14A | Switz Lake | 129.69 299 | ↑P | PKPdf | 02 13 49.4 | -0.6 |
| FFC | Flin Flon | 129.72 312 | ↑P | PKPdf | 02 13 49.9 | +0.1 |
| FFC | Flin Flon | 129.72 312 | ePKPdf | LR | 02 13 49.4 | -0.4 |
| G09A | Cove | 129.78 294 | ↑P | PKPdf | 02 13 49.7 | -0.6 |
| YBMT | Yellow Bay | 129.89 299 | ePKPdf | PKPdf | 02 13 50.2 | -0.1 |
| B14A | Marquette Ranc | 129.90 300 | ↑P | PKPdf | 02 13 49.4 | -1.0 |
| D12A | Red Ives Fork | 129.92 297 | ↑P | PKPdf | 02 13 49.5 | -1.0 |
| JTMT | Jette | 129.92 298 | ePKPdf | PKPdf | 02 13 49.8 | -0.6 |
| C13A | Hot Springs | 130.01 296 | ↑P | PKPdf | 02 13 49.6 | -1.0 |
| F10A | Beach Ranch, E | 130.03 295 | ↑P | PKPdf | 02 13 50.0 | -0.7 |
| A15A | Johanson Ranch | 130.10 301 | ↑P | PKPdf | 02 13 49.7 | -1.1 |
| BSMT | Basson Peak | 130.23 298 | ePKPdf | PKPdf | 02 13 50.5 | -0.5 |
| G08A | Pilot Rock | 130.37 293 | ↑P | PKPdf | 02 13 51.7 | +0.3 |
| HUMO | Hull Mountain | 130.39 288 | ePKPdf | LR | 02 13 51.6 | +0.1 |
| A14A | Double T Ranch | 130.41 300 | ↑P | PKPdf | 02 13 50.9 | -0.4 |
| C12B | Naselli Ranch, | 130.45 299 | ↑P | PKPdf | 02 13 50.6 | -0.9 |
| B13A | Whitefish | 130.46 299 | ↑P | PKPdf | 02 13 50.6 | -0.8 |
| WALA | Waterton Lakes | 130.70 300 | ePKPdf | PKPdf | 02 13 51.9 | +0.1 |
| A13A | Flathead Natio | 130.84 299 | ↑P | PKPdf | 02 13 51.5 | -0.6 |
| E09A | Wood Farm, Sta | 130.86 295 | ↑P | PKPdf | 02 13 51.7 | -0.6 |
| C11A | Hot Creek (N | 130.91 297 | ↑P | PKPdf | 02 13 51.2 | -1.2 |
| ARU | Arti | 131.04 47 | ePKIKP | PKPdf | 02 13 51.7 | -0.6 |
| ARU | Arti | 131.04 47 | ePKIKP | LR | 02 13 51.7 | -0.6 |
| B12A | Libby | 131.05 298 | ↑P | PKPdf | 02 13 51.9 | -0.6 |
| SUMG | Summit | 131.05 353 | ePKPdf | PKPdf | 02 13 52.5 | +0.6 |
| F07A | Phinny Hill Vi | 131.27 293 | ↑P | PKPdf | 02 13 52.8 | -0.2 |
| E08A | Dider Farm, El | 131.28 294 | ↑P | PKPdf | 02 13 52.9 | -0.1 |
| A12A | Yaak River Ran | 131.41 299 | ↑P | PKPdf | 02 13 52.4 | -0.9 |
| HAWA | Hanford | 131.44 294 | ePKPdf | LR | 02 13 50.9 | -2.4 |
| RSW | Rattlesnake Hi | 131.47 294 | ePKPdf | PKPdf | 02 13 54.1 | +0.6 |
| H04A | Detroit Lake | 131.51 290 | ↑P | PKPdf | 02 13 53.2 | -0.4 |

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MCLT Moule a Chique, TOSP Speyside, SLB Belfond, etc.

CASC 01 07:43:50.0+1.6, 12°48N-87°84W, h57km±17km, MD3.7, 1C-1D, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CNCH Conchagua, CRIN San Cristobal, LEON Leon, etc.

IS/CJB 01 07:49:38.7-0.7, 58°05'S-122°11'W, h10km, mb4.4/9, MS3.9/8, Error ellipse: s-maj=20.7km s-min=13.4km az=143.6

IDC 01 07:49:38.5-0.8, 58°09'S-122°02'W, h0km, mb4.5/7, mb1 4.6/7, mb1mx4.3/16, mbtmp4.4/7, MS3.9/8, Ms1 3.8/8, ms1mx3.6/17, Error ellipse: s-maj=26.4km s-min=21.4km az=28.0

NEIC 01 07:49:40.0-0.6, 58°05'S-121°99'W, h10km, mb4.7/6, Error ellipse: s-maj=23.4km s-min=13.4km az=60.0

ISC 01 07:49:40.5-0.7, 58°05'S-122°11'W, h10km, n24, c091/15, mb4.4/9, MS3.9/8, South Sandwich Islands region

Large table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like VNA1 Neumayer-Stat, MAIT Matiri, Ushuaia, GSPA South Pole Qui, etc.

NEIC 01 07:52:35.1, 16°25'N-97°62'W, h3km, MD3.9(MEX), After MEX.

MEX 01 07:52:35.2-0.4, 16°29'N-97°61'W, h6km±8km, MD3.9, Oaxaca

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PNIG Pinotepa, VHO Vista Hermosa, HUIG Huatulo, etc.

NIED 01 07:55:00, 47°10'N, 153°00'E, h32km, Mw4.1 Best double couple: M1.63000x1015 N1.303x3030000, s88.00000, t23.00000, NP2.2x213.00000, s67.00000, t1.78.00000

IDC 01 07:55:39.8-0.7, 47°02'N, 152°84'E, h30km±5km, mb3.9/16, mb1 4.1/17, mb1mx4.0/27, mbtmp3.9/17, ML3.9/1, MS3.4/9, Ms1 3.4/9, ms1mx3.0/37, Error ellipse: s-maj=20.3km s-min=12.8km az=150.0

SKHL 01 07:55:39.7-1.0, 46°56'N, 153°29'E, h42km±10km, mb4.6/5

ISC/JB 01 07:55:41.7-1.0, 46°50'N, 153°00'E, h64km±8km, mb4.2/22, Error ellipse: s-maj=15.2km s-min=6.3km az=143.2

MOS 01 07:55:41.2-1.1, 46°53'N, 153°09'E, h63km, mb4.5/11, Error ellipse: s-maj=14.5km s-min=9.0km az=55.4

NEIC 01 07:55:44.9-1.5, 47°09'N, 152°90'E, h74km±13km, mb4.2/7, Error ellipse: s-maj=15.9km s-min=8.9km az=147.0

ISC 01 07:55:44.3-0.9, 46°54'N, 152°96'E, h69km±7km, h46km±3km, pp-P, n74, c092/76, mb4.1/22, 4C, Kuril

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

YUK Yuzh-Kuril'sk 5.78 242 i Pn Pn 07 57 06.9 -0.4 07 57 12.8 +0.7

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

ASAJ Asahikawa 7.81 253 Pn Pn 07 57 36.2 +1.2 08 00 23.4

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

SEY Seymchan 16.03 359 eP Pn 07 59 26.8 +1.7 08 00 19.4 +0.1

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

COLA College 36.05 39 eP Pn 08 02 52.2 -3.1 08 03 02.0 -0.7

EGAK Eagle 38.91 39 eP Pn 08 03 15.2 -4.4 08 03 23.7 -0.7

INIK Inuvik 41.55 33 eP Pn 08 03 24.7 +0.3 08 03 24.7 +0.3

ZALV Zalesovo Beam 42.41 306 LF Pn 08 02 28.7 08 04 05.7 -0.6 08 04 03.3 -3.0

MKAR Makanchi Array 46.76 297 P Pn 08 04 03.3 -3.0 08 04 24.4 08 04 03.3 -3.0

MKAR comp=Z,1.0nm,0.8s pmax pmax 08 04 08.5 -0.9

KURK Kurchatov 47.17 303 P P 08 04 08.5 -1.0

KURK Kurchatov 47.17 303 P P 08 04 08.5 -1.0

YKA Yellowknife Arr 50.83 37 P P 08 04 37.6 +0.4

CMAR Chiang Mai Arr 52.31 256 P P 08 04 49.4 +0.4

CMAR Chiang Mai Arr 52.31 256 P P 08 04 49.4 +0.5

AAK Ala-Archa 53.66 296 LR LR 08 28 56.9

WALA Waterton Lakes 58.40 50 eP P 08 05 32.3 0.0

WALA Waterton Lakes 58.40 50 eP P 08 05 32.3 0.0

AKTO Aktyubinsk 58.52 312 LR P 08 05 47.1 -3.0 08 03 12.8

SUM Summit 60.52 4 eP P 08 05 46.7 +0.3

NVAR Mina Array B 62.44 62 P P 08 06 00.7 +0.7

FINES FINESS Array B 63.82 335 P P 08 06 07.2 -1.5

FINES FINESS Array B 63.82 335 P P 08 06 07.2 -1.5

FINES FINESS Array B 63.82 335 P P 08 06 07.2 -1.5

RSSD Black Hills 66.78 50 eP P 08 06 27.9 -0.2

RSSD Black Hills 66.78 50 eP P 08 06 27.9 -0.2

PV10 Paradox Valley 67.57 95 eP P 08 06 36.8 +1.2

NO2 NORARS Subarra 68.01 341 P P 08 06 34.9 -0.7

NO2 NORARS Array B 68.01 341 P P 08 06 34.7 -0.9

NOA NORARS Array B 68.01 341 P P 08 06 34.7 -0.9

NOA NORARS Array B 68.01 341 P P 08 06 34.7 -0.9

NOA NORARS Array B 68.01 341 P P 08 06 34.7 -0.9

WRA Warramunga Arr 68.66 199 P P 08 06 39.4 -0.6

WRA Warramunga Arr 68.66 199 P P 08 06 39.4 -0.6

AKASG Malin Array B 71.33 326 P P 08 06 54.7 -1.4

AKASG Malin Array B 71.33 326 P P 08 06 54.7 -1.4

AKASG Malin Array B 71.33 326 P P 08 06 54.7 -1.4

AKASG Malin Array B 71.33 326 P P 08 06 54.7 -1.4

AKASG Malin Array B 71.33 326 P P 08 06 54.7 -1.4

ASAR Alice Springs 72.36 198 P P 08 07 02.9 +0.4

ASAR Alice Springs 72.36 198 P P 08 07 02.9 +0.4

ASAR Alice Springs 72.36 198 P P 08 07 02.9 +0.4

ASAR Alice Springs 72.36 198 P P 08 07 02.9 +0.4

ASAR Alice Springs 72.36 198 P P 08 07 02.9 +0.4

ASAR Alice Springs 72.36 198 P P 08 07 02.9 +0.4

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ASAR Alice Springs 72.36 198 P P 08 07 02.9 +0.4

ASAR Alice Springs 72.36 198 P P 08 07 02.9 +0.4

ASAR Alice Springs 72.36 198 P P 08 07 02.9 +0.4

IDC 01 08:29:16.7±8.0, 10°64'N-102°39'E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.3/23, mbtmp3.3/3, Error ellipse: s-maj=417.0km s-min=27.8km az=60.0, Andaman Islands region

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

mb1 4.1/12, mb1mx4.0/23, mbtmp3.9/12, ML3.3/1, MS3.9/19, Ms1 3.9/19, ms1mx3.8/29, Error ellipse: s-maj=21.4km s-min=10.3km az=64.0
 SZGRF 01 08:49:16.0, 16:44N-09:174W, h33km, mb5.1, Mexico-Guatemala border region
 MEX J1 08:49:17.8, 1.3, 16:45N-90:66W, h25km, MD4.6
 ISCBJ1 01 08:49:17.5, 0.2, 16:52N-02:90:85V, 0.03, h33km, mb4.3/36, MS4.0/15, Error ellipse: s-maj=3.8km s-min=3.2km az=167.8
 BUI 01 08:49:17.1, 16:40N-90:60W, h30km, mb4.9/1, Ms4.8/2, MS7.4/32
 NEIC 01 08:49:18.1, 16:44N-90:62W, h30km, mb4.4/36, MD4.7(MEX), After MEX.
 CASC 01 08:49:19.2, 1.4, 15:69N-92:17W, h99km, 48km, MD4.0, mb4.4(NEIC)
 ISC 01 08:49:19.6, 0.2, 16:51N-02:90:86W, 0.03, h33km, n243, o592/237, mb4.3/36, MS4.0/15, 72C-66D, Mexico-Guatemala border region

| Code | Station Name | Δ° AZ' | Phase ID | Time Res | ISC | h m s | Res |
|-------|---|-----------|----------|------------|------|-------|-----|
| APG | El Apazote | 1.55 166 | Op | 08 50 41.1 | Pn | -3.5 | |
| APG | 126nm, 0.3s, baz=332, slow=16, SNR=2115 | | | | | | |
| TP2 | Tepecan 2 | 1.72 185 | eP | 08 49 45.4 | -1.7 | | |
| MRG | Marmol | 1.83 142 | eP | 08 49 48.1 | -0.4 | | |
| FG6 | | 1.94 181 | eP | 08 49 48.2 | -1.8 | | |
| NBG | Nas Nubes | 1.98 165 | eP | 08 49 48.3 | -2.2 | | |
| FUG | Fuego 3 | 2.05 179 | eP | 08 49 50.1 | -1.5 | | |
| THIG | | 2.09 220 | eP | 08 50 17.0 | +0.1 | | |
| JAT | Jato | 2.30 199 | eP | 08 49 56.4 | +1.4 | | |
| PCIG | | 2.40 251 | eP | 08 49 54.2 | -2.2 | | |
| PCIG | | 2.46 353 | eP | 08 50 25.7 | +1.1 | | |
| SCIG | Sabancuy | 2.46 353 | eP | 08 49 55.5 | -1.7 | | |
| SCIG | | 2.85 155 | eP | 08 50 26.0 | -0.1 | | |
| RTR | El Retiro | 2.85 155 | eP | 08 50 06.8 | +4.0 | | |
| SNJE | Sanje | 2.89 155 | eP | 08 50 07.2 | +4.0 | | |
| SNJE | | 3.06 149 | eP | 08 50 44.7 | +7.9 | | |
| BOQUE | Boqueron | 3.15 151 | eP | 08 50 10.8 | +4.0 | | |
| BOQS | | 3.27 147 | eP | 08 50 52.1 | +8.9 | | |
| LBRs | Las Brisas | 3.27 147 | eP | 08 50 13.9 | +5.4 | | |
| LFRS | El Faro | 3.36 149 | eP | 08 50 13.7 | +4.2 | | |
| LFRS | | 3.36 149 | eP | 08 50 57.4 | +9.2 | | |
| CMIG | Matias Romero | 3.89 279 | eP | 08 50 14.1 | -2.9 | | |
| CMIG | 2.1nm, 0.3s, baz=73, slow=10.0, SNR=21 | | | | | | |
| CMIG | 19nm, 0.3s, baz=92, slow=15, SNR=4.8 | | | | | | |
| CMIG | 19nm, 0.3s, baz=192, slow=22, SNR=5.6 | | | | | | |
| CMIG | comp=Z, 2um, 19.7s, baz=320, slow=4 | | | | | | |
| CMIG | Matias Romero | 3.89 279 | eP | 08 50 16.5 | -0.4 | | |
| CMIG | | 3.89 279 | eP | 08 50 59.6 | -1.8 | | |
| CMIG | | 3.89 279 | eP | 08 51 05.0 | +3.5 | | |
| CMIG | | 3.89 279 | eP | 08 51 17.1 | | | |
| CMIG | | 3.89 279 | eP | 08 50 16.5 | -0.4 | | |
| CMIG | | 3.89 279 | eP | 08 50 19.6 | -2.1 | | |
| CMIG | | 3.89 279 | eP | 08 51 02.9 | +1.4 | | |
| CMIG | | 3.89 279 | eP | 08 50 22.8 | -1.6 | | |
| CMIG | | 3.89 279 | eP | 08 51 16.1 | +1.2 | | |
| CMIG | | 3.89 279 | eP | 08 50 35.0 | +1.5 | | |
| CMIG | | 3.89 279 | eP | 08 51 34.8 | +3.7 | | |
| CMIG | | 3.89 279 | eP | 08 50 32.7 | -0.7 | | |
| CMIG | | 3.89 279 | eP | 08 51 32.0 | +0.9 | | |
| CMIG | | 3.89 279 | eP | 08 51 20.4 | +1.0 | | |
| JTS | Juntas Abangare | 8.44 136 | eP | 08 54 47.4 | | | |
| JTS | 0.2nm, 0.3s, baz=262, slow=14, SNR=3.5 | | | | | | |
| JTS | comp=Z, 368nm, 20.2s, baz=333, slow=40 | | | | | | |
| GTBY | Guantanamo Bay | 15.35 75 | eP | 08 52 54.9 | +1.3 | | |
| GTBY | 29nm, 0.8s | | | | | | |
| JCT | Junction City | 16.13 331 | eP | 08 53 04.4 | +0.8 | | |
| JCT | 6.8nm, 0.3s | | | | | | |
| JCT | | 17.26 320 | eP | 08 55 57.1 | -4.4 | | |
| 627A | Terlingua Ranc | 17.26 320 | eP | 08 53 17.8 | -0.3 | | |
| 627A | 17.26 SNR=11 | | | | | | |
| TXAR | Lajitas Array | 17.37 320 | eP | 08 50 20.4 | +1.3 | | |
| TXAR | 0.1nm, 0.3s, baz=134, slow=5.4, SNR=24 | | | | | | |
| 528A | Cox Ranch, San | 17.43 323 | eP | 08 53 18.8 | -1.3 | | |
| 528A | baz=18 | | | | | | |
| 428A | Kincaid Ranch, | 17.80 325 | eP | 08 53 23.7 | -0.9 | | |
| 428A | baz=18 | | | | | | |
| 626A | Big Bend Ranch | 17.80 319 | eP | 08 53 23.6 | -1.0 | | |
| 626A | baz=18 | | | | | | |
| 527A | Woodward Ranch | 17.90 322 | eP | 08 53 24.5 | -1.3 | | |
| 527A | baz=18 | | | | | | |
| GOGA | Godfrey | 18.10 20 | eP | 08 53 29.2 | +0.9 | | |
| GOGA | 13nm, 1.0s | | | | | | |
| MIAR | Mount Ida | 18.12 353 | eP | 08 53 27.1 | -1.4 | | |
| MIAR | 67nm, 1.8s | | | | | | |
| MIAR | | 18.13 320 | eP | 08 56 36.6 | -1.8 | | |
| 526A | Mary Lane Ranc | 18.13 320 | eP | 08 53 27.5 | -1.1 | | |
| 526A | baz=18 | | | | | | |
| UALR | University of | 18.24 356 | eP | 08 53 29.5 | -0.4 | | |
| UALR | 50nm, 1.5s | | | | | | |
| 427A | Hayter Ranch, | 18.30 324 | eP | 08 53 29.5 | -1.1 | | |
| 427A | baz=18 | | | | | | |
| 328A | Wristen Ranch, | 18.37 326 | eP | 08 53 29.0 | -0.8 | | |
| 328A | baz=18 | | | | | | |
| 426A | McDonald Obser | 18.53 322 | eP | 08 53 32.6 | -0.9 | | |
| 426A | baz=19 | | | | | | |
| SDDR | Presa de Saban | 18.81 80 | eP | 08 53 36.8 | -0.1 | | |
| SDDR | 11nm, 0.5s | | | | | | |
| 326A | Caldwell Ranch | 18.97 323 | eP | 08 53 36.8 | -2.1 | | |
| 326A | baz=19 | | | | | | |
| 227A | Bennet, Jal | 19.12 326 | eP | 08 53 38.1 | -2.5 | | |
| 227A | baz=19 | | | | | | |
| SWET | Sewanee | 19.14 12 | eP | 08 53 39.0 | -1.9 | | |
| SWET | 36nm, 2.0s | | | | | | |
| WMOK | Wichita Mounta | 19.49 340 | eP | 08 57 08.5 | -1.3 | | |
| WMOK | 36nm, 2.0s | | | | | | |
| 325A | Bean Ranch, Si | 19.59 322 | eP | 08 53 42.4 | -3.8 | | |
| 325A | baz=20 | | | | | | |
| 226A | Malaga, Loving | 19.60 325 | eP | 08 53 42.6 | -3.8 | | |
| 226A | baz=20 | | | | | | |
| 127A | Arkansas Junct | 19.67 327 | eP | 08 53 45.2 | -2.0 | | |
| 127A | baz=20 | | | | | | |
| WVT | Waverly | 19.73 7 | eP | 08 53 46.6 | -1.2 | | |
| WVT | 8.9nm, 0.8s | | | | | | |
| ROSC | El Rosal | 19.93 124 | eP | 08 53 49.3 | -1.1 | | |
| ROSC | baz=79, slow=17, SNR=25 | | | | | | |
| ROSC | comp=Z, 286nm, 20.1s, baz=52, slow=38 | | | | | | |
| ROSC | El Rosal | 19.93 124 | eP | 08 53 49.7 | -0.7 | | |
| 324A | Moseley Ranch, | 19.93 321 | eP | 08 53 48.0 | -2.6 | | |
| 324A | baz=20 | | | | | | |
| 126A | Clayton Basin, | 20.00 326 | eP | 08 53 47.7 | -3.4 | | |
| 126A | baz=20 | | | | | | |
| 225A | Deer Hill, Car | 20.04 323 | eP | 08 53 49.2 | -0.4 | | |
| 225A | baz=20, SNR=6.3 | | | | | | |
| TKL | Tuckaleechee C | 20.09 17 | eP | 08 53 51.3 | +1.1 | | |
| TKL | 4.8nm, 0.9s, baz=216, slow=12, SNR=3.9 | | | | | | |
| TKL | comp=Z, 596nm, 21.0s, MS3.9, baz=206, slow=38 | | | | | | |
| TKL | Tuckaleechee C | 20.09 17 | eP | 08 53 51.9 | +1.8 | | |
| TKL | baz=20, SNR=30 | | | | | | |
| OTAV | Otavalo | 20.28 142 | eP | 08 53 52.6 | +0.2 | | |
| OTAV | 35nm, 1.5s | | | | | | |
| 125A | Gardner Draw, | 20.36 325 | eP | 08 53 51.7 | -1.3 | | |
| 125A | baz=20 | | | | | | |
| MSTX | Muleshoe | 20.42 331 | eP | 08 53 52.7 | -1.0 | | |
| MSTX | baz=20, SNR=5.5 | | | | | | |
| 224A | Cornudas Mount | 20.43 322 | eP | 08 53 52.9 | -0.9 | | |
| 224A | baz=20, SNR=6.0 | | | | | | |
| Z26A | Caprock | 20.46 327 | eP | 08 53 52.9 | -1.3 | | |
| Z26A | baz=20, SNR=7.8 | | | | | | |
| Y27A | Causey | 20.54 330 | eP | 08 53 53.7 | -1.3 | | |
| Y27A | baz=21, SNR=7.0 | | | | | | |
| AMTX | Amarillo | 20.70 334 | eP | 08 53 56.2 | -0.6 | | |
| AMTX | 14nm, 0.9s | | | | | | |
| 124A | Stringfield Ra | 20.84 323 | eP | 08 53 58.4 | +0.1 | | |
| 124A | baz=21 | | | | | | |
| Z25A | Roswell | 20.86 326 | eP | 08 53 57.2 | -1.3 | | |
| Z25A | baz=21 | | | | | | |
| X27A | F and S Farms, | 21.13 331 | eP | 08 54 00.4 | -1.0 | | |
| X27A | baz=21 | | | | | | |
| SIUC | Southern Illin | 21.17 4 | eP | 08 54 02.4 | +0.6 | | |
| SIUC | 21nm, 0.8s, mb4.5 | | | | | | |
| Z24A | Sheepen Canyo | 21.25 325 | eP | 08 54 03.4 | +0.6 | | |
| Z24A | baz=21 | | | | | | |

| | | | | | | | |
|------|-------------------|-----------|----|------------|------|--|--|
| Y25A | Mesa, Roswell | 21.34 327 | eP | 08 54 03.4 | -0.3 | | |
| Y25A | baz=21, SNR=18 | | | | | | |
| X26A | CR and CF Fran | 21.39 330 | eP | 08 54 03.9 | -0.3 | | |
| X26A | baz=22 | | | | | | |
| W27A | Bowe Ranch, En | 21.46 332 | eP | 08 54 04.5 | -0.5 | | |
| W27A | Capitan | 21.74 326 | eP | 08 54 07.8 | -0.2 | | |
| Y24A | Capitan | 21.74 326 | eP | 08 54 07.8 | -0.2 | | |
| Y24A | baz=22, SNR=13 | | | | | | |
| 221A | Mesquite Ranch | 21.77 318 | eP | 08 54 08.6 | +0.3 | | |
| 221A | baz=22 | | | | | | |
| 320A | Kipp Ranch, An | 21.83 316 | eP | 08 54 09.0 | +0.1 | | |
| 320A | baz=22, SNR=13 | | | | | | |
| WCI | Wyandt Cave | 22.01 10 | eP | 08 54 12.4 | +1.7 | | |
| WCI | 21nm, 1.1s, mb4.5 | | | | | | |
| Y23A | Loveless Mesa, | 22.08 325 | eP | 08 54 11.9 | +0.3 | | |
| Y23A | baz=22 | | | | | | |
| Z22A | Elephant Butte | 22.11 322 | eP | 08 54 12.4 | +0.4 | | |
| Z22A | baz=22 | | | | | | |
| 121A | Cookes Peak, D | 22.12 319 | eP | 08 54 12.3 | +0.3 | | |
| 121A | baz=22, SNR=5.8 | | | | | | |
| 220A | Playas Peak, P | 22.18 317 | eP | 08 54 12.7 | -0.1 | | |
| 220A | baz=22, SNR=7.7 | | | | | | |
| W25A | X Bar L Ranch, | 22.24 329 | eP | 08 54 13.7 | +0.4 | | |
| W25A | baz=22, SNR=10 | | | | | | |
| OLIL | Olney | 22.27 6 | eP | 08 5 | | | |

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AB31, ZALV, AKTK, AKTO, BRTR, JOF, JOES, FINES, ARCES, HFS, NOA, TORD, YKA, ASAR.

ISCJB 01 09:34:21.7-0.9, 16.4S:0.2-176.2W:0.1, h380km, 12km, mb3.6/9, Error ellipse: s-maj=34.8km s-min=14.2km az=147.7

IDC 01 09:34:21.3-1.4, 16.29S:176.31W, h356km, 18km, mb3.3/6, mb1 3.5/9, mb1mx3.4/19, mbtmp3.4/9, Error ellipse: s-maj=31.6km s-min=13.8km az=140.0

NEIC 01 09:34:23.0-1.0, 16.36S:176.19W, h379km, 11km, mb3.9/1, Error ellipse: s-maj=36.1km s-min=13.8km az=149.0

ISC 01 09:34:22.5-0.8, 16.4S:0.2-176.2W:0.1, h374km, 11km, n14, c14/15, mb3.6/9, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AFI, MSFV, URZ, STKA, WRAB, WRA, ASAR, FITZ, PETK, NVAR, TXAR, BRTR.

SKO 01 09:40:08.7, 40.82N:20.79E, h22km, M0.6, ML1.1

ISCJB 01 09:40:09.3-2.1, 40.84N:20.78E:0.1, h332km, 24km, Error ellipse: s-maj=18.1km s-min=9.1km az=32.0

THE 01 09:40:09.1, 40.88N:20.80E, h31km, 6km, ML2.5/1, Error ellipse: s-maj=6.4km s-min=0.8km az=321.0

ISC 01 09:40:08.6-1.5, 40.85N:20.78E:0.1, h33km, 9km, n6, c0568/12, Greece-Albania border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like OHR, BIA, FNA, NEST, KRUS, CMAR.

ISCJB 01 09:45:50.5-0.7, 19.34N:0.07-99.5E:0.1, h10km, mb3.7/6, Error ellipse: s-maj=19.3km s-min=6.7km az=22.2

IDC 01 09:45:51.2-1.0, 19.36N:99.49E, h0km, mb3.8/6, mb1 3.9/6, mb1mx3.6/24, mbtmp3.8/6, MS3.4/2, Ms1 3.4/2, ms1mx2.7/29, Error ellipse: s-maj=27.1km s-min=10.5km az=110.0

NEIC 01 09:45:52.5-0.6, 19.29N:99.35E, h10km, mb3.7/1, Error ellipse: s-maj=15.9km s-min=6.6km az=107.0

ISC 01 09:45:52.0-0.7, 19.32N:0.06-99.4E:0.1, h10km, n14, c0587/13, mb3.7/6, Thailand

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CHTO, CM31, CMAR, CMAR, PSI, SONM, MKAR, KURK, ZALV, WARR, ASAR, NOA.

NEIC 01 09:51:12.1, 16.49N:98.34W, h29km, MD4.1 (MEX), After MEX.

MEX 01 09:51:12.0-0.8, 16.49N:98.34W, h29km, 13km, MD4.1, 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 PNIG, PNIG, PNIG.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PNIG, VHO, VHO, CAIG, CAIG, CAIG, TPIG, TPIG, HUIG, HUIG, HUIG, YAIG, YAIG, YAIG, YAIG, CMIG, CMIG, CMIG.

GUC 01 09:57:35.0-0.5, 20.19S:69.25W, h103km, 4km, ML3.5, 1C-1D, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HMBC, HMBC, HMBC, PB01, PB01, PB01, MNMC, MNMC, MNMC, PB04, PB04, CEN1, CEN1, CEN1.

NEIC 01 09:59:13.7-1.8, 18.71N:147.49E, h10km, Error ellipse: s-maj=45.3km s-min=22.6km az=71.0

IDC 01 09:59:12.2-3.6, 18.72N:147.46E, h0km, mb3.7/4, mb1 3.8/4, mb1mx3.5/22, mbtmp3.7/4, Error ellipse: s-maj=171.5km s-min=26.1km az=87.0, Mariana Islands region

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

TAP 01 10:04:23.3, 22.78N:121.72E, h7km, 1km, ML2.8, D

ISC 01 10:04:23.2-1.0, 22.81N:121.72E:0.06, h5km, 8km, n22, c0589/30, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TTT, TTT, TWG, TWG, TWG, TWG, YULF, YULF, YULB, LAY, LAY, ECL, ECL, EHY, ELDTW, EAST, STYT, ESL, SGST, WTP, WTP, WTP, SCZT, TPUB, CHN1, CHN1, TWK, CHN5, CHN5, SMLT, YUCH, WHF, WHF.

SOE 01 10:17:41.9, 40.54N:21.41E, h2km, MD2.9

NEIC 01 10:17:45.8, 40.67N:21.55E, h23km, MD3.5 (ATH), After ATH.

SKO 01 10:17:45.6, 40.59N:21.48E, h2km, M2.5, ML3.0

ATH 01 10:17:45.8, 40.67N:21.55E, h23km, 1km, MD3.5/14

ISCJB 01 10:17:45.9-0.3, 40.67N:21.51E:0.02, h8km, 3km, Error ellipse: s-maj=3.0km s-min=2.9km az=138.6

CSEM 01 10:17:46.2-0.1, 40.67N:21.53E, h8km, ML3.7/7, Error ellipse: s-maj=2.7km s-min=2.4km az=22.0

THE 01 10:17:46.4, 40.66N:21.52E, h2km, 1km, ML3.7/7, Error ellipse: s-maj=1.7km s-min=0.7km az=288.0

TIR 01 10:17:50.5-2.9, 40.81N:20.48E, h2km, 36km, ML3.2

ISC 01 10:17:46.6-0.3, 40.67N:21.52E:0.02, h9km, 3km, n93, c0592/155, Greece

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BIA, BIA, KZN, KZN, KZN, KZN, KZN, KZN, NEST, NEST, NEST, KBN, KBN, KBN, KBN, KBN.

OHR 01 10:18:00.0, 55, 0.70 309, iPg, Pg, 10 18 10.6

OHR 01 10:18:00.0, 55, 0.70 309, iPg, Pg, 10 18 10.6

OHR 01 10:18:00.0, 55, 0.70 309, iPg, Pg, 10 18 10.6

OHR 01 10:18:00.0, 55, 0.70 309, iPg, Pg, 10 18 10.6

OHR 01 10:18:00.0, 55, 0.70 309, iPg, Pg, 10 18 10.6

OHR 01 10:18:00.0, 55, 0.70 309, iPg, Pg, 10 18 10.6

OHR 01 10:18:00.0, 55, 0.70 309, iPg, Pg, 10 18 10.6

OHR 01 10:18:00.0, 55, 0.70 309, iPg, Pg, 10 18 10.6

OHR 01 10:18:00.0, 55, 0.70 309, iPg, Pg, 10 18 10.6

OHR 01 10:18:00.0, 55, 0.70 309, iPg, Pg, 10 18 10.6

OHR 01 10:18:00.0, 55, 0.70 309, iPg, Pg, 10 18 10.6

OHR 01 10:18:00.0, 55, 0.70 309, iPg, Pg, 10 18 10.6

OHR 01 10:18:00.0, 55, 0.70 309, iPg, Pg, 10 18 10.6

OHR 01 10:18:00.0, 55, 0.70 309, iPg, Pg, 10 18 10.6

OHR 01 10:18:00.0, 55, 0.70 309, iPg, Pg, 10 18 10.6

OHR 01 10:18:00.0, 55, 0.70 309, iPg, Pg, 10 18 10.6

OHR 01 10:18:00.0, 55, 0.70 309, iPg, Pg, 10 18 10.6

OHR 01 10:18:00.0, 55, 0.70 309, iPg, Pg, 10 18 10.6

OHR 01 10:18:00.0, 55, 0.70 309, iPg, Pg, 10 18 10.6

OHR 01 10:18:00.0, 55, 0.70 309, iPg, Pg, 10 18 10.6

OHR 01 10:18:00.0, 55, 0.70 309, iPg, Pg, 10 18 10.6

OHR 01 10:18:00.0, 55, 0.70 309, iPg, Pg, 10 18 10.6

OHR 01 10:18:00.0, 55, 0.70 309, iPg, Pg, 10 18 10.6

OHR 01 10:18:00.0, 55, 0.70 309, iPg, Pg, 10 18 10.6

OHR 01 10:18:00.0, 55, 0.70 309, iPg, Pg, 10 18 10.6

OHR 01 10:18:00.0, 55, 0.70 309, iPg, Pg, 10 18 10.6

OHR 01 10:18:00.0, 55, 0.70 309, iPg, Pg, 10 18 10.6

OHR 01 10:18:00.0, 55, 0.70 309, iPg, Pg, 10 18 10.6

OHR 01 10:18:00.0, 55, 0.70 309, iPg, Pg, 10 18 10.6

OHR 01 10:18:00.0, 55, 0.70 309, iPg, Pg, 10 18 10.6

OHR 01 10:18:00.0, 55, 0.70 309, iPg, Pg, 10 18 10.6

OHR 01 10:18:00.0, 55, 0.70 309, iPg, Pg, 10 18 10.6

OHR 01 10:18:00.0, 55, 0.70 309, iPg, Pg, 10 18 10.6

Table with columns: DRGR, 0.97, 47, f, P, Pg, 10 57 44.0 +0.3, etc.

NIED 01 11:17:00,39.00N,140.70E,h5km,Mw4.1 Best double couple: M0:1.60000x10^15 NP1:36170.00000, 883.00000, 7-9.00000, NP2:261.00000, 881.00000, 7-173.00000.

BUJ 01 11:17:46.7,38.98N,141.01E,h10km,mb4.7/18,mb4.5/26,mb4.0/21,ms7.3/21

ISCJB 01 11:17:49.1,0.5,38.99N,0.02,140.57E,0.02,h3km,3km,mb4.4/57,MS3.8/15, Error ellipse: s-maj=4.2km s-min=2.7km az=156.5

JMA 01 11:17:49.5,0.1,38.96N,140.66E,h2km,1km,M4.3 Broadband fault plane solution: P waves. NP1: 0.168.00000, 865.00000, 7-20.00000. NP2: 0.267.00000, 872.00000, 7-153.00000. Principal axes: T P1g5.0000, Azm36.0000; N P1g59.0000, Azm298.0000; P P1g31.0000, Azm129.0000.

JMA Felt J1 J1.

IDC 01 11:17:49.4,0.6,38.96N,140.55E,h0km,mb4.2/16,mb1.4/18,mb1mx4.3/27,mbtmp4.2/18,ML3.6/2,MS3.4/11,MS1.3/4/11,ms1mx3.2/37 Error ellipse: s-maj=17.3km s-min=12.9km az=123.0

NEIC 01 11:17:52.7,2.5,38.98N,140.49E,h18km,15km,mb4.5/29,MW4.1(NIED), Error ellipse: s-maj=5.9km s-min=4.5km az=157.0

NEIC Recorded [3 JMA] in Miyagi and [2 JMA] in Akita and Yamagata.

MOS 01 11:17:53.6,1.0,39.02N,140.46E,h38km,mb4.5/31, Error ellipse: s-maj=10.5km s-min=6.7km az=83.4

ISC 01 11:17:50.1,0.5,38.96N,140.60E,0.02,h0km,3km,ms31.0/59/396,mb4.5/57,MS3.8/15,121C-125D,Eastern Honshu

Main station list table with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, h, m, s, ISC, Time, Res

Main station list table with columns: Station Name, A, AZ, Phase ID, Op, ISC, h, m, s, ISC, Time, Res

Main station list table with columns: Station Name, A, AZ, Phase ID, Op, ISC, h, m, s, ISC, Time, Res

1d 12h

Table with columns: Station Name, Time, Res, and various codes. Includes stations like 528A Cox Ranch, TXAR Lajitas Array, 627A Terlingua Ranc, etc.

ISC 01 11:50:27.9.2, 0.3676N, 141.188E, h0km, mb3.6/6, mb1 3.7/8, mb1mx3.6/26, mbtmp3.7/8, ML3.9/2, Error ellipse: s-maj=54.2km s-min=19.6km az=67.0

ISCJB 01 11:50:35.2.0.9, 36.59N, 0.04:141.29E, 0.07, h48km, 7km, mb3.5/6, Error ellipse: s-maj=10.1km s-min=5.9km az=13.6

JMA 01 11:50:35.9.0.1, 36.60N, 141.23E, h46km, 2km, M3.3

NEIC 01 11:50:36.0, 36.60N, 141.23E, h46km, MG3.3(JMA), After JMA

ISC 01 11:50:35.6.1.0, 36.61N, 0.04:141.29E, 0.06, h31km, 5km, n20, r1903/33, mb3.5/6, 1C-5D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like JHO Hitachi, JMAJ Matushiro, etc.

GUC 01 11:52:41.3.0.6, 19.38S, 69.32W, h98km, 5km, ML3.6, 2C-10, Northern Chile

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like MNMC Mize Mize, PSGC Pisagua, etc.

BUI 01 12:00:22.6.51.80N, 169.70W, h28km, mb4.7/4, mb4.4/5, Ms4.6/2, Ms7.4/5/2

NEIC 01 12:00:25.6.51.85N, 169.74W, h29km, mb4.2/7, ML3.7(AEIC), After AEIC

ISC 01 12:00:28.9.6.2, 52.06N, 170.01W, h46km, 60km, mb3.8/21, mb1 4.0/22, mb1mx3.9/30, mbtmp3.8/22, ML4.8/1, MS3.5/4, Ms1 3.5/4, ms1mx3.0/36, Error ellipse: s-maj=22.0km s-min=14.0km az=190

ISC 01 12:00:25.2.8.2, 47.59N, 0.09:169.94W, 0.08, h24km, 16km, n50, r1913/52, mb4.1/24, MS3.6/3, 2C, Fox Islands

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like OKFG Magazine Ridge, UNJV Unalaska Valle, etc.

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Table with columns: Station Name, Time, Res, and various codes. Includes stations like MNMX Coronadas Mount, SONM Songo Array, etc.

ISCJB 01 12:02:36.6.1.3, 55.14N, 0.09:157.8W, 0.1, h46km, gkm, mb4.0/13, Error ellipse: s-maj=16.9km s-min=7.9km az=154.5

NEIC 01 12:02:36.6.55.11N, 157.75W, h16km, ML3.6(AEIC), After AEIC

ISC 01 12:02:38.5.1.0, 56.23N, 158.63W, h0km, mb4.0/14, mb1 4.2/16, mb1mx4.0/29, mbtmp4.0/16, ML3.7/2, MS3.2/1, Ms1 3.2/1, ms1mx2.5/30, Error ellipse: s-maj=28.9km s-min=16.3km az=175.0

ISC 01 12:02:38.2.1.3, 55.22N, 0.1:157.8W, 0.1, h40km, gkm, n30, r1906/30, mb4.0/13, Alaska Peninsula

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like CHGN Chignik, SDPT Sand Point, etc.

ISC 01 12:09:47.5.25.0, 19.39S, 178.08W, h380km, 257km, mb3.2/6, mb1 3.4/6, mb1mx3.2/18, mbtmp3.2/6, Error ellipse: s-maj=188.0km s-min=58.7km az=153.0, Fiji Islands region

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like CTA Charters Tower, WRA Warramunga Arr, etc.

ISCJB 01 12:17:12.3.0.8, 56.0S, 0.2:26.3W, 0.3, h10km, mb4.4/8, MS4.3/6, Error ellipse: s-maj=28.8km s-min=15.5km az=139.5

ISC 01 12:17:12.2.0.9, 55.92S, 26.27W, h0km, mb4.5/6, mb1 4.5/6, mb1mx4.3/14, mbtmp4.4/6, MS4.3/6, Ms1 4.3/6, mb1mx4.0/16, Error ellipse: s-maj=37.3km s-min=19.9km az=48.0

NEIC 01 12:17:13.6.0.4, 55.92S, 26.29W, h10km, mb4.6/3, Error ellipse: s-maj=22.7km s-min=13.1km az=50.0

ISC 01 12:17:14.0.0.8, 56.0S, 0.2:26.3W, 0.3, h10km, n24, r0575/13, mb4.4/8, MS4.3/6, South Sandwich Islands region

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like MAIT Maitri, GSPA South Pole Qui, etc.

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Table with columns: Station Name, Time, Res, and various codes. Includes stations like CPUP Villa Florida, MAW Mawson, etc.

MEX 01 12:25:28.6.0.7, 17.03N, 100.42W, h12km, 6km, MD3.5, Guerrero

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like CAIG El Cayaco, ZIIG Zihuatajejo, etc.

ISC 01 12:28:16.8.10.0, 13.95N, 93.78E, h139km, 99km, mb2.9/2, mb1 3.1/3, mb1mx2.8/23, mbtmp2.9/3, ML4.0/1, Error ellipse: s-maj=83.5km s-min=60.2km az=42.0, Andaman Islands region

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like CMAR Chiang Mai Arr, WRA Warramunga Arr, etc.

ISCJB 01 12:31:56.8.0.4, 40.63N, 0.02:21.55E, 0.03, h0km, 4km, Error ellipse: s-maj=3.5km s-min=2.9km az=162.0

NEIC 01 12:31:57.4, 40.65N, 21.52E, h23km, MD3.5(ArH), After ArH

THE 01 12:31:57.6, 40.66N, 21.47E, h15km, 1km, ML3.7/3, Error ellipse: s-maj=1.5km s-min=0.6km az=277.0

CSEM 01 12:31:57.1.0.1, 40.65N, 21.52E, h5km, ML3.7/3, Error ellipse: s-maj=4.2km s-min=3.3km az=64.0

SKO 01 12:31:57.7, 40.61N, 21.51E, h0km, 2km, ML2.7

ATH 01 12:31:57.4, 40.65N, 21.52E, h23km, 1km, MD3.5/13

TIR 01 12:31:58.1.3.3, 40.74N, 21.35E, h6km, 14km, ML4.0

ISC 01 12:31:57.4.0.4, 40.63N, 0.02:21.54E, 0.03, h1km, 4km, n70, r1903/112, 5C, Greece

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like FNA Florida, KZN Kozani, etc.

1d 15h

2008 JUL

Table with columns for property name, address, price, and status. Includes listings like Korea Array, Palmer Station, Petk Petrovavlensk, etc.

Table with columns for property name, address, price, and status. Includes listings like Circle Bar Ranch, Dragon, Amboy, Wild Horse Val, etc.

Table with columns for property name, address, price, and status. Includes listings like Double Diamond, Ramah, Mexican Hat, Point of Rocks, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like U22A Llavies, C11A Tepee Creek, Z25A Roswell, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like NRDL Niedersach Rie, NRDL Ostrava-Krasne, Ostrava-Krasne, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like 151C-133D, Fox Islands, Code Station Name, etc.

| | | | | | | | |
|------|-----------------|-------|-----|-----|---|------------|------|
| YAK | Yakutsk | 33.64 | 311 | eP | P | 15 57 07.0 | -3.0 |
| MOD | Modoc | 33.68 | 89 | eP | P | 15 57 10.9 | +0.4 |
| HOPS | Hopland | 33.72 | 95 | eP | P | 15 57 11.4 | +0.5 |
| G10A | Bishop Farm, J | 33.78 | 81 | ↑P | P | 15 57 11.5 | +0.2 |
| BMO | Blue Mountains | 33.90 | 82 | eP | P | 15 57 13.0 | +0.7 |
| BMO | Blue Mountains | 33.90 | 82 | eP | P | 15 57 13.0 | +0.6 |
| BSMT | Bassoon Peak | 33.92 | 76 | eP | P | 15 57 12.6 | +0.1 |
| J08A | Circle Bar Ran | 33.98 | 85 | ↑P | P | 15 57 13.1 | -0.1 |
| ERM | Erimo | 34.00 | 272 | c/P | P | 15 57 14.0 | +0.8 |
| F11A | Grangeville | 34.06 | 80 | ↑P | P | 15 57 13.8 | +0.1 |
| E12A | Beaver Dam Sad | 34.15 | 79 | ↑P | P | 15 57 14.0 | -0.5 |
| A14A | Double T Ranch | 34.20 | 73 | ↑P | P | 15 57 14.4 | -0.6 |
| H10A | Noah's Angus R | 34.37 | 82 | ↑P | P | 15 57 16.3 | -0.1 |
| WVOR | Wild Horse Val | 34.40 | 87 | eP | P | 15 57 17.1 | +0.4 |
| WVOR | Wild Horse Val | 34.40 | 87 | eP | P | 15 57 17.1 | +0.4 |
| D13A | Huson | 34.48 | 77 | ↑P | P | 15 57 16.9 | -0.4 |
| B14A | Marquette Ranc | 34.57 | 74 | ↑P | P | 15 57 18.1 | -0.1 |
| C14A | Swan Lake | 34.57 | 75 | ↑P | P | 15 57 17.9 | -0.3 |
| A15A | Johnson Ranch, | 34.61 | 73 | ↑P | P | 15 57 17.3 | -1.1 |
| F12A | Elk City | 34.67 | 79 | ↑P | P | 15 57 19.0 | 0.0 |
| H11A | Donnelly | 34.76 | 82 | ↑P | P | 15 57 19.9 | +0.1 |
| MSO | Missoula | 34.92 | 77 | ↑P | P | 15 57 21.2 | 0.0 |
| E13A | Victor | 34.96 | 78 | ↑P | P | 15 57 21.4 | -0.1 |
| SLMT | Seeley Lake | 34.98 | 76 | ↑P | P | 15 57 20.4 | -1.3 |
| B15A | Bradley Ranch, | 35.02 | 74 | ↑P | P | 15 57 21.7 | -0.3 |
| D14A | Greenough | 35.05 | 76 | ↑P | P | 15 57 22.3 | 0.0 |
| F13A | Darby | 35.21 | 79 | ↑P | P | 15 57 23.8 | +0.2 |
| I11A | Placerville | 35.21 | 83 | ↑P | P | 15 57 23.9 | +0.2 |
| C15A | Salmon Ranch, | 35.25 | 75 | ↑P | P | 15 57 23.9 | -0.1 |
| K10A | Blackened Ranc | 35.28 | 85 | ↑P | P | 15 57 24.4 | 0.0 |
| CHMT | Chamberlain Mo | 35.28 | 76 | eP | P | 15 57 23.6 | -0.7 |
| E14A | Clinton | 35.39 | 77 | ↑P | P | 15 57 25.1 | -0.1 |
| B16A | M & M Farms, S | 35.47 | 73 | ↑P | P | 15 57 25.8 | -0.1 |
| HABR | Khabarovsk | 35.52 | 287 | ceP | P | 15 57 24.9 | -1.4 |
| HABR | | | | | | 15 57 33.7 | |
| HABR | | | | | | 15 59 53.0 | |
| HABR | | | | | | 16 03 01.1 | +0.7 |
| HABR | | | | | | 16 05 21.0 | -1.4 |
| HABR | | | | | | 16 07 43.6 | |
| HABR | | | | | | | |
| HABR | | | | | | | |
| HABR | | | | | | | |
| HABR | | | | | | | |
| H12A | Diamond D Ranch | 35.54 | 81 | ↑P | P | 15 57 26.4 | -0.2 |
| WCN | Washoe City | 35.56 | 92 | ↑P | P | 15 57 26.8 | 0.0 |
| MFID | Camas Ranch | 35.56 | 83 | ↑P | P | 15 57 26.6 | -0.2 |
| G13A | Cobalt | 35.63 | 80 | ↑P | P | 15 57 27.1 | -0.1 |
| D15A | Lincoln | 35.66 | 76 | ↑P | P | 15 57 27.4 | -0.1 |
| C16A | Fuhringer Ranc | 35.74 | 74 | ↑P | P | 15 57 27.8 | -0.4 |
| F14A | Wisdom | 35.77 | 78 | ↑P | P | 15 57 28.4 | -0.1 |
| I12A | Atlanta | 35.78 | 82 | ↑P | P | 15 57 29.0 | +0.4 |
| K11A | Parker Ranch | 35.80 | 84 | ↑P | P | 15 57 28.9 | +0.1 |
| E15A | Deer Lodge | 35.89 | 77 | ↑P | P | 15 57 29.3 | -0.2 |
| H13A | Challis | 35.89 | 81 | ↑P | P | 15 57 29.3 | -0.3 |
| L10A | Juniper Basin | 35.92 | 86 | ↑P | P | 15 57 29.8 | -0.1 |
| CMB | Columbia Colle | 35.96 | 94 | eP | P | 15 57 30.5 | +0.3 |
| CMB | Columbia Colle | 35.96 | 94 | eP | P | 15 57 30.5 | +0.2 |
| RES | Resolute Bay | 36.02 | 26 | P | P | 15 57 28.3 | -2.1 |
| B17A | L&G Farms, Che | 36.06 | 73 | ↑P | P | 15 57 30.7 | -0.3 |
| D16A | Dana Ranch, Ca | 36.24 | 75 | ↑P | P | 15 57 32.5 | 0.0 |
| L11A | Cat Creek Ranc | 36.31 | 85 | ↑P | P | 15 57 33.8 | +0.7 |
| I13A | Wildhorse Cree | 36.33 | 81 | ↑P | P | 15 57 33.7 | +0.4 |
| HLID | Hailey | 36.34 | 82 | eP | P | 15 57 34.3 | +0.8 |
| H14A | Leadore | 36.40 | 80 | ↑P | P | 15 57 34.2 | +0.3 |
| E16A | East Helena | 36.41 | 76 | ↑P | P | 15 57 34.5 | +0.5 |
| DLMT | Dillon | 36.47 | 78 | eP | P | 15 57 34.9 | +0.4 |
| K12A | Draper Farm, C | 36.56 | 84 | ↑P | P | 15 57 35.3 | 0.0 |
| J13A | Cove Ranch, Pi | 36.58 | 82 | ↑P | P | 15 57 35.8 | +0.3 |
| MCMT | McKenzie Canyo | 36.60 | 79 | eP | P | 15 57 35.0 | -0.6 |
| B18A | Beardsley Farm | 36.61 | 72 | ↑P | P | 15 57 35.5 | -0.2 |
| G15A | Dillon | 36.64 | 79 | ↑P | P | 15 57 35.7 | -0.3 |
| D17A | Six Diamond Ra | 36.69 | 75 | ↑P | P | 15 57 36.4 | +0.1 |
| M11A | Holland Ranch, | 36.71 | 86 | ↑P | P | 15 57 36.7 | +0.1 |
| I14A | Mackay | 36.72 | 81 | ↑P | P | 15 57 37.0 | +0.4 |
| L12A | Kenne Creek Ra | 36.77 | 84 | ↑P | P | 15 57 37.1 | 0.0 |
| F16A | Howard Place, | 36.83 | 77 | ↑P | P | 15 57 37.4 | -0.1 |
| H15A | Lima | 36.84 | 79 | ↑P | P | 15 57 37.8 | +0.2 |
| BOZ | Bozeman (W) | 36.90 | 77 | eP | P | 15 57 37.9 | -0.2 |
| BOZ | Bozeman (W) | 36.90 | 77 | eP | P | 15 57 37.9 | -0.3 |
| E17A | Martinez | 36.96 | 74 | ↑P | P | 15 57 38.7 | +0.3 |
| NVAR | Mina Array Bay | 36.99 | 92 | P | P | 15 57 39.2 | +0.2 |
| G16A | Moss Hill, Enn | 37.02 | 78 | ↑P | P | 15 57 38.9 | -0.3 |
| J14A | Carey | 37.02 | 82 | eP | P | 15 57 39.7 | +0.6 |
| K13A | Stover Farm, H | 37.05 | 83 | ↑P | P | 15 57 40.0 | +0.5 |
| KLR | Kul'dur | 37.08 | 290 | eP | P | 15 57 34.0 | -5.6 |

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|------|--------------------------|-------|----|----|---|------------|------|
| KLR | comp=Z,900nm,17.0s,MS4.6 | | | | | | |
| D18A | Linhart Farms, | 37.19 | 74 | ↑P | P | 15 57 40.8 | +0.2 |
| M12A | Wells | 37.26 | 85 | ↑P | P | 15 57 41.8 | +0.5 |
| F17A | Fitzpatrick Pi | 37.34 | 76 | ↑P | P | 15 57 41.9 | 0.0 |
| E18A | Harlowton | 37.44 | 75 | ↑P | P | 15 57 42.8 | +0.1 |
| N12A | Clover Valley, | 37.51 | 86 | ↑P | P | 15 57 44.0 | +0.6 |
| O11A | Cowboy Ranch, | 37.56 | 88 | ↑P | P | 15 57 43.9 | 0.0 |
| H16A | Russell Place, | 37.63 | 78 | ↑P | P | 15 57 44.5 | +0.2 |
| J15A | Blackfoot | 37.63 | 81 | ↑P | P | 15 57 44.8 | +0.5 |
| F18A | Big Amber | 37.90 | 76 | ↑P | P | 15 57 46.7 | +0.1 |
| Q10A | Clear Creek Ra | 37.91 | 90 | ↑P | P | 15 57 47.1 | +0.3 |
| L14A | Malta | 37.92 | 83 | ↑P | P | 15 57 47.4 | +0.5 |
| K15A | Arbon | 37.98 | 82 | ↑P | P | 15 57 47.8 | +0.5 |
| O12A | Currie | 38.04 | 87 | ↑P | P | 15 57 48.0 | +0.1 |
| M14A | Sheep Mountain | 38.16 | 84 | ↑P | P | 15 57 49.0 | +0.1 |
| J16A | Bone | 38.20 | 81 | ↑P | P | 15 57 49.4 | +0.2 |
| H17A | Grant Village | 38.20 | 78 | ↑P | P | 15 57 50.1 | +0.9 |
| IMW | Indian Meadow | 38.26 | 79 | eP | P | 15 57 50.1 | +0.4 |
| RR12 | Red Ridge | 38.33 | 80 | eP | P | 15 57 51.6 | +1.3 |
| HVU | Hansel Valley | 38.35 | 83 | eP | P | 15 57 50.6 | +0.2 |
| HVU | Hansel Valley | 38.35 | 83 | eP | P | 15 57 50.6 | +0.2 |
| Q11A | Duckwater | 38.35 | 89 | ↑P | P | 15 57 50.6 | +0.1 |
| S10A | Tombah Range, | 38.35 | 91 | ↑P | P | 15 57 50.5 | 0.0 |
| PKM | Peak Mountain | 38.36 | 98 | ↑P | P | 15 57 51.1 | +0.5 |
| P12A | McGill | 38.42 | 88 | ↑P | P | 15 57 51.4 | +0.3 |
| L15A | Malad City | 38.45 | 83 | ↑P | P | 15 57 51.3 | 0.0 |
| GRAC | Grapevine Rang | 38.47 | 93 | ↑P | P | 15 57 51.5 | +0.1 |
| TPAW | Teton Pass | 38.48 | 80 | eP | P | 15 57 52.5 | +1.0 |
| RLMT | Red Lodge | 38.59 | 87 | eP | P | 15 57 53.0 | +0.6 |
| REDW | Red Top Meadow | 38.61 | 80 | eP | P | 15 57 53.6 | +1.0 |
| LOHW | Long Hollow | 38.62 | 80 | eP | P | 15 57 53.4 | +0.8 |
| ISA | Isabella | 38.67 | 96 | ↑P | P | 15 57 52.6 | -0.6 |
| ISA | Isabella | 38.67 | 96 | eP | P | 15 57 52.6 | -0.6 |
| ISA | Isabella | 38.67 | 96 | eP | P | 15 57 52.6 | -0.5 |
| ISA | Isabella | 38.67 | 96 | eP | P | 15 57 52.6 | -0.5 |
| BGU | Big Grassy Mo | 38.69 | 85 | eP | P | 15 57 54.0 | +0.6 |
| R11A | Troy Canyon, C | 38.70 | 90 | ↑P | P | 15 57 53.3 | -0.2 |
| M15A | Larsen Ranch, | 38.73 | 84 | ↑P | P | 15 57 53.6 | -0.1 |
| P13A | Bates Ranch, G | 38.98 | 87 | ↑P | P | 15 57 56.2 | +0.4 |
| MPMC | Manual Prospec | 39.01 | 94 | ↑P | P | 15 57 55.9 | -0.1 |
| L16A | Fish Haven | 39.03 | 82 | ↑P | P | 15 57 56.4 | +0.2 |
| I18A | Diamond G Ranc | 39.04 | 79 | ↑P | P | 15 57 56.4 | +0.1 |
| S11A | Rachel | 39.05 | 91 | ↑P | P | 15 57 56.9 | +0.5 |
| FURC | Furnace Creek, | 39.12 | 93 | ↑P | P | 15 57 56.8 | -0.2 |
| HWUT | Hardware Ranch | 39.18 | 83 | eP | P | 15 57 58.0 | +0.6 |
| DUG | Dugway | 39.26 | 85 | eP | P | 15 57 59.0 | +0.9 |
| DUG | Dugway | 39.26 | 85 | eP | P | 15 57 59.0 | +0.8 |
| DUG | Dugway | 39.26 | 85 | eP | P | 15 57 59.0 | +0.8 |
| LRMC | Laurel Mountai | 39.27 | 95 | ↑P | P | 15 57 57.8 | -0.4 |
| Q13A | Wheeler Ranch, | 39.28 | 88 | ↑P | P | 15 57 58.5 | +0.2 |
| R17A | Pony Springs, | 39.31 | 89 | ↑P | P | 15 57 58.7 | +0.1 |
| L12A | Cokeville | 39.32 | 82 | ↑P | P | 15 57 58.7 | +0.1 |
| P14A | Drum Mountains | 39.42 | 86 | ↑P | P | 15 58 00.2 | +0.3 |
| K18A | Tollan Ranch, | 39.51 | 80 | ↑P | P | 15 57 59.9 | -0.3 |
| S12A | Delamar Landin | 39.62 | 90 | ↑P | P | 15 58 01.1 | 0.0 |
| T11A | Corn Creek, Al | 39.63 | 91 | ↑P | P | 15 58 01.3 | +0.1 |
| Q14A | Sevier Lake (B | 39.72 | 87 | ↑P | P | 15 58 01.8 | -0.1 |
| PDAR | Pinedale Array | 39.73 | 80 | P | P | 15 58 01.6 | -0.4 |
| R13A | O'Grain Ranch, | 39.80 | 89 | ↑P | P | 15 58 02.6 | 0.0 |
| M17A | Scullys Gap (B | 39.82 | 82 | ↑P | P | 15 58 02.6 | -0.1 |
| JLU | Jordanella | 39.85 | 84 | eP | P | 15 58 03.7 | +0.7 |
| NLU | North Lily Min | 39.86 | 85 | eP | P | 15 58 03.7 | +0.6 |
| GSC | Goldstone | 39.92 | 95 | ↑P | P | 15 58 03.3 | -0.4 |
| GSC | Goldstone | 39.92 | 95 | eP | P | 15 58 03.6 | -0.1 |
| GSC | Goldstone | 39.92 | 95 | eP | P | 15 58 03.6 | -0.1 |
| GSC | Goldstone | 39.92 | 95 | eP | P | 15 58 03.6 | -0.1 |
| DAU | Daniels Canyon | 40.08 | 84 | | | | |

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|------|--|-------|-----|----|------|------------|------|
| V20A | baz=44 Brimhall | 44.70 | 87 | ↑P | P | 15 58 42.7 | +0.1 |
| U21A | baz=44 Nageezi | 44.78 | 86 | ↑P | P | 15 58 43.3 | +0.1 |
| T22A | baz=45,SNR=13 Edith | 44.86 | 85 | ↑P | P | 15 58 44.1 | +0.3 |
| W20A | baz=45,SNR=8.2 Ramah | 45.12 | 88 | ↑P | P | 15 58 46.3 | +0.4 |
| R24A | baz=45 Sanders Place, | 45.17 | 82 | ↑P | P | 15 58 46.4 | +0.1 |
| SDCO | Great Sand Dun | 45.24 | 83 | ↑P | P | 15 58 46.6 | +0.3 |
| Q25A | comp=Z,9.8nm,1.1s,mb4.5 Bedland, Calha | 45.26 | 81 | ↑P | P | 15 58 47.2 | +0.3 |
| U22A | baz=45 Llaves | 45.30 | 85 | ↑P | P | 15 58 47.7 | +0.4 |
| 117A | baz=45 Oracle | 45.48 | 92 | ↑P | P | 15 58 49.1 | +0.3 |
| S24A | baz=45,SNR=8.0 Houchin Ranch, | 45.49 | 83 | ↑P | P | 15 58 48.9 | +0.1 |
| X20A | baz=45 Quemado | 45.51 | 89 | ↑P | P | 15 58 49.7 | +0.7 |
| V22A | baz=45 San Miguel Ran | 45.57 | 86 | ↑P | P | 15 58 49.3 | +0.2 |
| TUC | baz=45 Tucson | 45.63 | 93 | ↑P | Pmax | 15 58 50.1 | +0.1 |
| TUC | comp=Z,10.0nm,1.3s,mb4.6 Tucson | 45.63 | 93 | ↑P | Pmax | 15 58 50.1 | +0.1 |
| U23A | comp=Z,10.0nm,1.3s,mb4.6 El Rito | 45.74 | 85 | ↑P | P | 15 58 50.9 | +0.1 |
| 118A | baz=46,SNR=6.9 Homack Ranch, | 45.90 | 92 | ↑P | P | 15 58 52.6 | +0.5 |
| S25A | baz=46 Robets Cordova | 45.95 | 82 | ↑P | P | 15 58 52.4 | +0.1 |
| X21A | baz=46,SNR=9.5 Alamocita Cree | 46.01 | 88 | ↑P | P | 15 58 53.6 | +0.6 |
| Y20A | baz=46,SNR=12 Horse Springs, | 46.01 | 89 | ↑P | P | 15 58 53.8 | +0.8 |
| KSR5 | baz=46 Korea Array | 46.07 | 277 | ↑P | P | 15 58 53.8 | +0.4 |
| KSR5 | comp=Z,14nm,0.9s,mb4.9,SNR=32 Korea Array | 46.07 | 277 | ↑P | LR | 15 58 53.8 | +0.4 |
| V23A | comp=Z,209nm,18.8s,MS4.1,SNR=37 Ortiz Mt. (NFS) | 46.13 | 86 | ↑P | P | 15 58 54.6 | +0.7 |
| 119A | baz=46 Ashpeak Ranch, | 46.22 | 91 | ↑P | P | 15 58 55.4 | +0.7 |
| T25A | baz=46 Trinidad | 46.30 | 83 | ↑P | P | 15 58 55.4 | +0.2 |
| 218A | baz=46,SNR=13 Dragon | 46.31 | 92 | ↑P | P | 15 58 55.6 | +0.2 |
| Y21A | baz=46 Point of Rocks | 46.38 | 89 | ↑P | P | 15 58 56.1 | +0.3 |
| Z20A | baz=46 Nix Sixteen R | 46.42 | 90 | ↑P | P | 15 58 56.7 | +0.1 |
| LAZ | baz=46 Ladron | 46.44 | 88 | ↑P | P | 15 58 56.7 | +0.3 |
| W23A | comp=Z,17nm,1.8s,mb4.7 Werner Place, | 46.53 | 86 | ↑P | P | 15 58 57.5 | +0.4 |
| 318A | baz=47 Bisbee | 46.72 | 93 | ↑P | P | 15 58 58.6 | 0.0 |
| 219A | baz=47 White Tail Can | 46.78 | 92 | ↑P | P | 15 58 58.9 | -0.1 |
| U25A | baz=47 Circle Dot Ran | 46.78 | 84 | ↑P | P | 15 58 58.3 | -0.7 |
| 120A | baz=47,SNR=14 U Bar Ranch, L | 46.78 | 91 | ↑P | P | 15 58 59.6 | +0.5 |
| ECSD | EROS Data Cent | 46.81 | 71 | ↑P | P | 15 58 56.8 | -2.4 |
| INCN | comp=Z,4.4nm,0.6s,mb4.6 Inchon | 46.83 | 278 | ↑P | P | 15 59 00.4 | +1.0 |
| Y22A | comp=Z,38nm,1.0s,mb5.3 Socorro | 46.86 | 88 | ↑P | P | 15 58 59.6 | 0.0 |
| BNM | baz=47 Barren Site | 46.92 | 88 | ↑P | P | 15 59 00.2 | +0.1 |
| W24A | comp=Z,18nm,1.4s,mb4.8 Lazy B Ranch, | 46.96 | 86 | ↑P | P | 15 59 00.7 | +0.3 |
| V25A | baz=47 Rancho No Teng | 47.02 | 84 | ↑P | P | 15 59 01.1 | +0.2 |
| U26A | baz=47,SNR=7.6 Atchley Ranch, | 47.19 | 83 | ↑P | P | 15 59 01.5 | -0.7 |
| 220A | baz=47,SNR=6.3 Playas Peak, P | 47.29 | 91 | ↑P | P | 15 59 02.7 | +0.3 |
| 121A | baz=47,SNR=6.3 Cooks Peak, E | 47.31 | 90 | ↑P | P | 15 59 03.3 | +0.1 |
| Z22A | baz=47 Elephant Butte | 47.32 | 89 | ↑P | P | 15 59 03.3 | +0.1 |
| Y23A | baz=47,SNR=7.2 Lover Mesa, | 47.42 | 87 | ↑P | P | 15 59 03.8 | -0.2 |
| W25A | baz=47,SNR=12 X Bar L Ranch, | 47.53 | 85 | ↑P | P | 15 59 04.7 | -0.1 |
| V26A | baz=47,SNR=12 Tequesquite Ra | 47.56 | 84 | ↑P | P | 15 59 04.7 | +0.3 |
| 320A | baz=47,SNR=6.6 Kipp Ranch, An | 47.68 | 92 | ↑P | P | 15 59 05.9 | -0.2 |
| Y24A | baz=48 Capitan | 47.80 | 87 | ↑P | P | 15 59 06.8 | -0.1 |
| W26A | baz=48,SNR=8.7 Owens Ranch, T | 48.04 | 85 | ↑P | P | 15 59 08.8 | 0.0 |
| Z24A | baz=48 Sheeppen Canyo | 48.25 | 87 | ↑P | P | 15 59 10.2 | -0.2 |
| Y25A | baz=48,SNR=5.6 Mesa, Roswell | 48.26 | 86 | ↑P | P | 15 59 10.2 | -0.3 |
| X26A | baz=48,SNR=6.3 CR and CF Fran | 48.37 | 85 | ↑P | P | 15 59 11.1 | -0.3 |
| W27A | baz=48,SNR=6.3 Bowe Ranch, En | 48.48 | 84 | ↑P | P | 15 59 11.8 | -0.4 |
| FRB | baz=48 Frobisher Bay | 48.54 | 36 | ↑P | P | 15 59 11.2 | -1.0 |
| 124A | baz=48,SNR=6.1 Stringfield Ra | 48.62 | 88 | ↑P | P | 15 59 13.2 | -0.1 |
| Z25A | baz=48,SNR=6.1 Roswell | 48.68 | 87 | ↑P | P | 15 59 13.8 | 0.0 |
| 224A | baz=48 Cornudas Mount | 49.01 | 89 | ↑P | P | 15 59 15.9 | -0.4 |
| Z26A | baz=48,SNR=7.0 Capros Havn | 49.13 | 86 | ↑P | P | 15 59 17.2 | -0.1 |
| 125A | baz=49,SNR=13 Gardner Draw, | 49.14 | 88 | ↑P | P | 15 59 17.1 | -0.2 |
| Y27A | baz=49 Causery | 49.22 | 85 | ↑P | P | 15 59 17.5 | -0.4 |
| MNTX | baz=49,SNR=7.1 Cornudas Mount | 49.36 | 89 | ↑P | P | 15 59 18.9 | -0.1 |
| MSTX | comp=Z,7.1nm,0.9s,mb4.7 Mushoos | 49.40 | 85 | ↑P | P | 15 59 18.8 | -0.4 |
| 225A | baz=49,SNR=6.4 Deer Hill, Car | 49.42 | 88 | ↑P | P | 15 59 19.3 | -0.1 |
| 324A | baz=49,SNR=6.4 Moseley Ranch, | 49.48 | 89 | ↑P | P | 15 59 19.5 | -0.4 |
| 126A | baz=49 Clayton Basin, | 49.54 | 87 | ↑P | P | 15 59 19.8 | -0.5 |
| Z27A | baz=49,SNR=7.3 Tatum | 49.57 | 86 | ↑P | P | 15 59 20.1 | -0.5 |
| DAG | baz=49,SNR=7.3 Danmarks Havn | 49.63 | 91 | ↑P | P | 15 59 19.6 | -0.9 |
| DAG | comp=Z,6.0nm,0.5s,mb4.9 Danmarks Havn | 49.63 | 91 | ↑P | Pmax | 15 59 19.6 | -0.9 |
| DAG | comp=Z,5.6nm,0.5s,mb4.8 Danmarks Havn | 49.63 | 91 | ↑P | P | 15 59 19.6 | -0.9 |
| GD12 | comp=Z,5.6nm,0.5s,mb4.8 Guadalupe Moun | 49.63 | 88 | ↑P | P | 15 59 20.3 | -0.8 |
| 325A | comp=Z,4.0nm,0.9s,mb4.5 Bean Ranch, S1 | 49.84 | 89 | ↑P | P | 15 59 21.7 | -0.9 |
| 126A | baz=50,SNR=15 Malaga, Loving | 49.89 | 88 | ↑P | P | 15 59 22.8 | -0.3 |
| IRK | baz=50,SNR=5.6 Irkutsk | 50.20 | 307 | ↑P | Pmax | 15 59 23.6 | -1.5 |
| 326A | comp=Z,30nm,1.8s,mb5.0 Caldwell Ranch | 50.48 | 88 | ↑P | P | 15 59 26.9 | -0.7 |
| SUMG | baz=50,SNR=5.5 Summit | 50.52 | 17 | ↑P | Pmax | 15 59 27.4 | +0.1 |
| SUMG | comp=Z,30nm,0.8s Summit | 50.52 | 17 | ↑P | Pmax | 15 59 27.4 | +0.1 |
| SUMG | comp=Z,30nm,0.8s,mb5.3 Summit | 50.52 | 17 | ↑P | P | 15 59 27.8 | +0.5 |
| TLY | comp=Z,22nm,0.7s,mb5.2 Talya | 50.85 | 307 | ↑P | P | 15 59 29.6 | -0.4 |
| TLY | comp=Z,27nm,1.8s,mb4.9 Talya | 50.85 | 307 | ↑P | Pmax | 15 59 29.6 | -0.4 |
| 426A | comp=Z,425nm,18.0s,MS4.5 McDonald Obser | 50.91 | 89 | ↑P | P | 15 59 30.2 | -0.6 |

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|-------|--|-------|-----|----|------|------------|------|
| 328A | baz=51,SNR=5.5 Wristen Ranch, | 51.15 | 87 | ↑P | P | 15 59 32.0 | -0.6 |
| 427A | baz=51 Hayter Ranch, | 51.16 | 88 | ↑P | P | 15 59 32.0 | -0.7 |
| 526A | baz=51,SNR=8.7 Mary Lane Ran | 51.30 | 90 | ↑P | P | 15 59 33.3 | -0.3 |
| WMOK | baz=51,SNR=8.7 Wichita Mouna | 51.30 | 81 | ↑P | Pmax | 15 59 32.3 | -1.4 |
| WMOK | comp=Z,43nm,1.0s,mb5.3 Wichita Mouna | 51.30 | 81 | ↑P | Pmax | 15 59 32.3 | -1.4 |
| BJI | comp=Z,43nm,1.0s,mb5.3 Beijing | 51.41 | 288 | ↑P | Pmax | 15 59 34.5 | +0.1 |
| BJI | comp=Z,15nm,0.8s,mb5.0 Beijing | 51.41 | 288 | ↑P | Pmax | 15 59 34.5 | +0.1 |
| BJI | comp=Z,73nm,5.3s Beijing | 51.41 | 288 | ↑P | Pmax | 15 58 47.7 | +0.4 |
| BJI | comp=N,590nm,17.6s,MS4.8 Beijing | 51.41 | 288 | ↑P | LR | 15 58 49.1 | +0.3 |
| BJI | comp=E,550nm,17.2s,MS4.8 Beijing | 51.41 | 288 | ↑P | LR | 15 58 48.9 | +0.1 |
| ULN | comp=Z,460nm,17.9s,MS4.5 Ulaanbaatar | 51.49 | 301 | ↑P | Pmax | 15 59 34.4 | -0.5 |
| ULN | comp=Z,7.0nm,0.4s,mb4.9 Ulaanbaatar | 51.49 | 301 | ↑P | Pmax | 15 59 34.4 | -0.5 |
| 527A | comp=Z,7.3nm,0.4s,mb5.0 Woodward Ranch | 51.53 | 89 | ↑P | P | 15 59 34.8 | -0.6 |
| 626A | baz=51,SNR=9.9 Big Bend Ranch | 51.63 | 90 | ↑P | P | 15 59 35.7 | -0.4 |
| 428A | baz=52,SNR=9.9 Kincaid Ranch, | 51.69 | 88 | ↑P | P | 15 59 35.9 | -0.7 |
| SONM | comp=Z,5.3nm,0.6s,mb4.7,SNR=38 Sorgino Array | 51.85 | 301 | ↑P | P | 15 59 36.5 | -1.0 |
| SONM | comp=Z,1.6nm,0.5s,SNR=38 Sorgino Array | 51.85 | 301 | ↑P | P | 16 00 49.3 | -1.0 |
| 528A | comp=Z,5.3nm,0.6s,mb4.7,SNR=38 Cox Ranch, San | 52.02 | 88 | ↑P | P | 15 59 38.7 | -0.4 |
| TXAR | baz=52 Lajitas Array | 52.07 | 90 | ↑P | P | 15 59 36.9 | -2.6 |
| MOY | comp=Z,8.0nm,0.9s,mb4.6,SNR=44 Mondy | 52.15 | 308 | ↑P | Pmax | 15 59 39.7 | 0.0 |
| MOY | comp=Z,23nm,1.8s,mb4.8 Mondy | 52.15 | 308 | ↑P | Pmax | 15 59 39.7 | 0.0 |
| 627A | baz=52,SNR=9.9 Terlingua Ranc | 52.16 | 90 | ↑P | P | 15 59 39.4 | -0.7 |
| HHC | comp=Z,200nm,7.2s Hu-ho-hao-te | 53.53 | 292 | ↑P | Pmax | 15 59 49.3 | -0.8 |
| HHC | comp=N,450nm,17.0s,MS4.8 Hu-ho-hao-te | 53.53 | 292 | ↑P | LR | 15 59 49.3 | -0.8 |
| HHC | comp=E,510nm,17.0s,MS4.8 Hu-ho-hao-te | 53.53 | 292 | ↑P | LR | 15 59 49.3 | -0.8 |
| HHC | comp=Z,14nm,0.7s,mb5.0 Hu-ho-hao-te | 53.53 | 292 | ↑P | Pmax | 15 59 49.3 | -0.8 |
| HHC | comp=Z,200nm,7.2s Hu-ho-hao-te | 53.53 | 292 | ↑P | Pmax | 15 59 49.3 | -0.8 |
| HHC | comp=N,450nm,17.0s,MS4.8 Hu-ho-hao-te | 53.53 | 292 | ↑P | LR | 15 59 49.3 | -0.8 |
| HHC | comp=E,510nm,17.0s,MS4.8 Hu-ho-hao-te | 53.53 | 292 | ↑P | LR | 15 59 49.3 | -0.8 |
| JCT | comp=Z,510nm,17.3s,MS4.6 Junction City | 53.62 | 86 | ↑P | P | 15 59 49.6 | -1.3 |
| JCT | comp=Z,28nm,1.3s,mb5.0 Junction City | 53.62 | 86 | ↑P | Pmax | 15 59 49.6 | -1.3 |
| MIAR | comp=Z,28nm,1.3s,mb5.0 Mount Ida | 54.57 | 78 | ↑P | Pmax | 15 59 56.9 | -0.9 |
| MIAR | comp=Z,18nm,1.2s,mb5.0 Mount Ida | 54.57 | 78 | ↑P | Pmax | 15 59 56.9 | -0.9 |
| BTO | comp=Z,18nm,1.2s,mb5.0 Baotou | 54.57 | 292 | ↑P | P | 15 59 57.7 | 0.0 |
| SCO | comp=Z,18nm,1.2s,mb5.0 Scoresbyson | 55.01 | 13 | ↑P | Pmax | 15 59 59.6 | -0.9 |
| SCO | comp=Z,7.0nm,0.7s,mb4.8 Scoresbyson | 55.01 | 13 | ↑P | Pmax | 15 59 59.6 | -0.9 |
| NJ2 | comp=Z,7.3nm,0.7s,mb4.8 Nanjing | 55.21 | 279 | ↑P | P | 15 59 59.6 | -0.9 |
| WVT | comp=Z,210nm,0.9s,mb4.8 Waverly | 56.87 | 72 | ↑P | Pmax | 16 00 03.4 | +1.0 |
| WVT | comp=Z,4.0nm,0.6s,mb4.6 Waverly | 56.87 | 72 | ↑P | Pmax | 16 00 13.2 | -1.1 |
| WVT | comp=Z,3.7nm,0.6s,mb4.6 Waverly | 56.87 | 72 | ↑P | Pmax | 16 00 13.2 | -1.1 |
| KEV | comp=Z,10.0nm,0.6s,mb5.0 Kevo | 57.62 | 354 | ↑P | Pmax | 16 00 16.3 | -2.7 |
| KEV | comp=Z,10.0nm,0.6s,mb5.0 Kevo | 57.62 | 354 | ↑P | Pmax | 16 00 16.3 | -2.7 |
| KEV | comp=Z,9.9nm,0.6s,mb5.0 Kevo | 57.62 | 354 | ↑P | Pmax | 16 00 16.3 | -2.7 |
| NVS | comp=Z,9.9nm,0.6s,mb5.0 Novosibirsk | 57.83 | 320 | ↑P | Pmax | 16 00 16.3 | -2.7 |
| NVS | comp=Z,20nm,1.0s,mb5.1 Novosibirsk | 57.83 | 320 | ↑P | Pmax | 16 00 18.8 | -1.9 |
| NVS | comp=Z,20nm,1.0s,mb5.1 Novosibirsk | 57.83 | 320 | ↑P | Pmax | 16 00 18.8 | -1.9 |
| NVS | comp=N,13nm,1.6s Novosibirsk | 57.83 | 320 | ↑P | Pmax | 16 00 18.8 | -1.9 |
| ZAAO | comp=E,9.0nm,1.4s Zalesovo Array | 57.84 | 318 | ↑P | P | 16 00 20.1 | -0.7 |
| ZALV | comp=Z,2.3nm,0.5s,mb4.5,SNR=15 Zalesovo Beam | 57.84 | 318 | ↑P | P | 16 00 20.1 | -0.7 |
| ZALV | comp=E,1.2nm,0.5s,SNR=15 Zalesovo Beam | 57.84 | 318 | ↑P | LR | 16 01 13.3 | +0.2 |
| ZALV | comp=Z,21nm,18.6s,MS4.3,SNR=38 Zalesovo Beam | 57.84 | 318 | ↑P | P | 16 00 20.1 | -0.7 |
| ZALV | comp=Z,21nm,18.6s,MS4.3,SNR=38 Zalesovo Beam | 57.84 | 318 | ↑P | P | 16 01 13.3 | +0.2 |
| ZALV | comp=Z,21nm,18.6s,MS4.3,SNR=38 Zalesovo Beam | 57.84 | 318 | ↑P | P | 16 00 20.1 | -0.7 |
| ZALV | comp=Z,21nm,18.6s,MS4.3,SNR=38 Zalesovo Beam | 57.84 | 318 | ↑P | P | 16 01 13.3 | +0.2 |
| ARCES | comp=E,4.6nm,0.7s,mb4.6,SNR=20 ARCES Array B | 57.93 | 354 | ↑P | P | 16 00 19.8 | -1.5 |
| AREO | comp=E,4.6nm,0.7s,mb4.6,SNR=20 ARCES Array S | 57.93 | 354 | ↑P | P | 16 00 20.6 | -0.6 |
| LZV | comp=Z,14nm,1.0s,mb5.0 Lanzhou | 58.78 | 350 | ↑P | Pmax | 16 00 26.3 | -0.9 |
| WHN | comp=Z,14nm,1.0s | | | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|-------|---|-----------|------|------|-----------------|------|----------------|-----------|----|------|-----------------|-----------------|------------------------|--------------------------|-----------|----|-----------------|-----------------|-----------------|------------|
| KSH | Kashi | 72.83 313 | P | P | 16 02 01.4 +3.3 | WLF | Walferdange | 78.17 | 4 | eP | P | 16 02 28.9 +0.3 | LOR | Lormes | 80.45 | 5 | eP | P | 16 02 41.1 0.0 | |
| KSH | Suwalki | 73.50 353 | pP | pP | 16 02 06.5 +1.7 | STHS | Stebnicka Huta | 78.21 354 | eP | pmax | P | 16 02 30.4 +1.6 | LOR | comp-Z,32nm,1.4s,mb5.1 | | | | MLR | MLR | |
| KSH | | | sP | sP | 16 02 08.4 +1.1 | STHS | | | | | | | LOR | comp-Z,250nm,19.8s,MS4.6 | | | | | | |
| KSH | | | PP | PP | 16 02 17.8 +2.4 | STHS | Stebnicka Huta | 78.21 354 | eP | pmax | P | 16 02 30.4 +1.6 | LOR | Lormes | 80.45 | 5 | eP | P | 16 02 41.1 0.0 | |
| KSH | | | S | S | 16 01 27.4 +4.5 | STHS | Stebnicka Huta | 78.21 354 | eP | P | | | LOR | comp-Z,32nm,1.4s,mb5.0 | | | | LR | LR | |
| KSH | | | sS | sS | 16 11 36.7 +2.8 | STHS | Stebnicka Huta | 78.21 354 | eP | P | | | LOR | comp-Z,250nm,19.8s,MS4.6 | | | | | | |
| KSH | | | SKS | SKS | 16 12 02.4 | STHS | Stebnicka Huta | 78.21 354 | eP | P | | | RETA | Reutte | 80.46 | 1 | fP | P | 16 02 41.6 +0.5 | |
| KSH | | | ScS | ScS | 16 12 06.2 +1.8 | GRF | Grafenberg Arr | 78.26 | 0 | eP | P | 16 02 29.4 +0.4 | SSF | Saint Saule | 80.64 | 6 | eP | P | 16 02 42.2 +0.1 | |
| KSH | comp-Z,32nm,1.2s,mb5.1 | | pmax | pmax | | GRF | | | | | | SSF | comp-Z,25nm,1.3s,mb5.0 | | | | | | | |
| KSH | comp-N,140nm,9.2s | | LR | LR | | VRAC | Vranov | 78.56 357 | P | P | 16 02 31.4 +0.7 | SSF | comp-Z,26nm,1.3s,mb5.0 | | | | | | | |
| KSH | comp-E,190nm,11.9s | | LR | LR | | VRAC | Vranov | 78.56 357 | P | P | 16 02 31.4 +0.7 | SSF | comp-Z,26nm,1.3s,mb5.0 | | | | | | | |
| KSH | comp-Z,510nm,17.1s | | LR | LR | | TREC | Trest | 78.60 357 | eP | MLR | 16 02 31.5 +0.5 | SSF | comp-Z,25nm,1.3s,mb5.0 | | | | | | | |
| LSA | Lhasa | 73.03 297 | P | P | 16 02 00.5 +1.0 | TREC | Trest | 78.60 357 | eP | AMS | 16 45 10.0 | SSF | comp-Z,26nm,1.3s,mb5.0 | | | | | | | |
| SUW | Suwalki | 73.50 353 | eP | P | 16 02 01.9 0.0 | TREC | Trest | 78.60 357 | eP | AMS | 16 45 10.0 | RKT | Rikitea | 80.64 149 | eLR | LR | | | | 16 27 50.9 |
| BSEG | Bad Segeberg | 74.00 341 | eP | P | 16 02 04.7 -0.1 | FLN | La Foliniere | 78.65 | 8 | eP | MLR | 16 02 30.8 -0.4 | ARSA | Arzberg | 80.65 357 | fP | P | 16 02 42.8 +0.7 | | |
| VSR | Storozhevoje | 74.17 402 | eP | P | 16 02 05.0 -0.8 | FLN | La Foliniere | 78.65 | 8 | eP | MLR | 16 02 30.8 -0.4 | ANN | Anapa | 80.66 342 | eP | P | 16 02 39.6 -2.6 | | |
| VSR | comp-Z,8.0nm,0.4s,mb5.0 | | pmax | pmax | | FLN | La Foliniere | 78.65 | 8 | eP | LR | 16 02 30.8 -0.4 | ANN | comp-Z,41nm,1.5s,mb5.1 | | | | | | |
| VSR | comp-N,3.0nm,0.3s | | pmax | pmax | | CRVS | Cervenica-Dubn | 78.71 353 | eP | pmax | P | 16 02 32.1 +0.5 | WTTA | Watteberg | 80.69 | 0 | P | 16 02 43.2 +0.9 | | |
| VSR | comp-E,2.0nm,0.3s | | pmax | pmax | | CRVS | Cervenica-Dubn | 78.71 353 | eP | P | 16 02 32.1 +0.5 | DRGR | DRGR | 80.71 352 | P | P | 16 02 43.4 +0.9 | | | |
| VSR | comp-Z,280nm,16.0s,MS4.7 | | MLR | MLR | | CRVS | Cervenica-Dubn | 78.71 353 | eP | P | 16 02 32.1 +0.5 | DRGR | DRGR | 80.71 352 | fP | P | 16 02 43.4 +0.9 | | | |
| VSR | comp-N,130nm,19.0s,MS4.4 | | MLR | MLR | | ROSF | Rotstren | 78.80 10 | eP | P | 16 02 32.2 +0.1 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| VSR | comp-E,140nm,16.0s,MS4.4 | | MLR | MLR | | WET | Wetzell | 78.80 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| NRDL | Niedersach Rie | 75.44 | 1 | eP | 16 02 12.9 -0.2 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | comp-Z,39nm,1.2s,mb5.2 | | | | | | | |
| RUE | Ruedersdorf | 75.45 359 | eP | P | 16 02 13.0 -0.2 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| IBBN | Ibbenburg | 75.58 | 3 | eP | 16 02 14.1 +0.1 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| SHL | Shillong | 75.84 93 | ePKP | P | 16 02 15.2 -0.6 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| WTSB | Winterswijk | 76.20 349 | eP | P | 16 02 15.7 0.0 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| CLZ | Clausthal | 76.10 | 1 | eP | 16 02 16.9 0.0 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| AKASG | Malin Array Be | 76.19 349 | P | P | 16 02 16.2 -1.2 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| AKASG | Malin Array Be | 76.19 349 | P | P | 16 02 16.2 -1.2 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| AKKB | Malin Array Si | 76.19 349 | eP | P | 16 02 16.0 -1.4 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| KIEV | Kiev | 76.20 349 | eP | P | 16 02 16.1 -1.4 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| KIEV | comp-Z,10.0nm,0.6s,mb4.9 | | pmax | pmax | | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| KIEV | Kiev | 76.20 349 | eP | P | 16 02 16.1 -1.3 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| BUG | Bochum-Univers | 76.44 | 3 | eP | 16 02 19.1 +0.3 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| CLL | Collm | 76.63 359 | eP | P | 16 02 19.3 -0.6 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| CLL | Collm | 76.63 359 | eP | P | 16 02 19.0 -0.9 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| CLL | Collm | 76.63 359 | eP | P | 16 02 19.0 -0.9 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| CLL | comp-Z,18nm,1.4s,mb4.8 | | esP | sP | 16 02 33.0 +3.9 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| CLL | | | eSS | SS | 16 17 18.0 +1.9 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| CLL | | | Lm | | 16 43 00.0 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| CLL | comp-N,100nm,18.9s | | Lm | | 16 43 00.0 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| TAPN | Taplejung | 76.75 298 | eP | P | 16 02 21.0 0.0 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| CHTO | Chiang Mai | 76.99 284 | eP | P | 16 02 22.3 -0.1 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| CHTO | comp-Z,9.0nm,1.1s,mb4.6 | | pmax | pmax | | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| CHTO | Chiang Mai | 76.99 284 | eP | P | 16 02 22.3 -0.1 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| BRG | Bergsiesshubel | 77.06 359 | iP | P | 16 02 22.4 -0.6 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| BRG | Bergsiesshubel | 77.06 359 | iP | P | 16 02 22.4 -0.6 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| BRG | Bergsiesshubel | 77.06 359 | iP | P | 16 02 22.4 +0.1 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| BRG | Bergsiesshubel | 77.06 359 | iP | P | 16 02 22.4 +0.1 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| HGN | Heimansgroeve | 77.07 | 4 | eP | 16 02 21.8 -0.6 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| UBBA | Unterzieschubel | 77.12 | 1 | eP | 16 02 23.0 +0.3 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| TBI | Tubuai | 77.22 162 | eLR | LR | 16 25 25.9 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| MEM | Membach | 77.22 | 4 | P | 16 02 24.5 +1.2 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| SNF | Senefeh | 77.25 | 5 | P | 16 02 24.8 +1.4 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| CM31 | Chiang Mai Arr | 77.26 284 | eP | P | 16 02 24.2 +0.2 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| CMAR | Chiang Mai Arr | 77.26 284 | eP | P | 16 02 23.9 0.0 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| CMAR | comp-Z,9.0nm,0.9s,mb4.7,baz=2.1,slow=5.4,SNR=48 | | LR | LR | 16 39 38.1 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| GUN | Gumb | 77.29 299 | eP | P | 16 02 24.1 +0.1 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| MOX | Moxa | 77.30 | 0 | eP | 16 02 24.0 +0.3 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| MOX | Moxa | 77.30 | 0 | eP | 16 02 23.3 -0.4 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| ODAN | Odare | 77.31 297 | eP | P | 16 02 23.9 -0.2 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| JIRN | Jiri | 77.32 299 | eP | P | 16 02 24.1 -0.1 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| UPLC | Ulice | 77.38 357 | eP | P | 16 02 24.6 +0.5 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| BCLA | Clavier | 77.38 | 4 | P | 16 02 24.9 +0.8 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| PVCC | Panska Ves | 77.39 358 | eP | P | 16 02 25.7 +1.5 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| PVCC | comp-Z,200nm,13.1s | | AMS | AMS | 16 42 30.0 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| DZM | Mont Dzumac | 77.40 204 | eLR | LR | 16 26 17.1 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | 16 02 43.1 0.0 | | |
| WERD | Werda | 77.50 360 | eP | P | 16 02 24.8 0.0 | KHC | Kasperke Hory | 78.81 359 | eP | P | 16 02 32.2 +0.3 | MFF | Saint Martin d | 80.82 | 8 | eP | P | | | |

Table with columns: ID, Station Name, Az, El, P, Res, Time, Res. Includes stations like Missoula, Bassoo Peak, MSU, DLMT, CHMT, SLMT, LRM, GLA, DCID1, etc.

ATH 01 17:17:04.3, 37.91N, 120.97E, h32km, 1km, MD3, 7/24, VLS, ML3.2

THE 01 17:17:04.7, 37.86N, 121.01E, h8km, 2km, ML3.6/5, Error ellipse: s-maj=2.8km s-min=0.6km az=336.0

NEIC 01 17:17:04.3, 37.91N, 120.97E, h32km, ML3.2(ATH), After ATH.

CSEM 01 17:17:04.0, 37.90N, 121.00E, h15km, ML3.6/5, Error ellipse: s-maj=4.8km s-min=3.3km az=44.0

ISCJB 01 17:17:05.0, 37.90N, 120.93E, 0.0, 4.0, h2km, 4km, Error ellipse: s-maj=5.6km s-min=4.4km az=41.2

ISC 01 17:17:04.9, 37.90N, 120.98E, 0.03, h16km, 3km, n102, e97/123, Ionian Sea

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like Anninata, Valsamata, Rioliol of Patr, etc.

Table with columns: AGG, LTK, JAN, LKR, LDR, DID, VLI, NAI, KEK, KEK, KEK, ATH, ATH, VLY, VLY, VLY, NEO, NEO, XOR, XOR, PTL, PTL, PTL, KYTH, KYTH, KYTH, KZN, KZN, KZN, AOS, AOS, BIA, BIA, PLG, PLG, PLG, OHR, KARN, KARN, SOH, SOH, SOH, KRUS, TIP, TIP, IAY, IAY, IDI, IDI. Includes station names like Agios Georgios, Loutraki, etc.

ISCJB 01 17:17:59.0, 52.91N, 175.95W, 0.07, h209km, 4km, m3, 9/19, Error ellipse: s-maj=12.5km

Bull 2-min=6.7km az=179.5, NEIC 01 17:18:00.5, 52.72N, 176.00W, h213km, m4, 4/3, mb4.6/6

NEIC 01 17:18:00.6, 52.72N, 176.04W, h213km, 7km, mb4.1/11, Error ellipse: s-maj=14.2km s-min=8.3km az=171.0

IDC 01 17:18:05.1, 52.86N, 176.08W, h257km, 9km, mb3.6/10, mb1.3/10, mb1mx3.3/30, mbmp3.6/10, Error ellipse: s-maj=32.4km s-min=12.6km az=21.0

ISC 01 17:18:01.0, 52.94N, 175.94W, 0.07, h203km, 5km, h255km, 1.9km, p-P, n209, e95/216, m3, 9/19, 84C-87D, Andraonof Islands

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like Great Sitkin, Amchitka, Attu Island, etc.

Table with columns: B16A, K10A, H12A, C16A, G13A, E15A, I12A, B17A, K11A, L10A, C17A, M10A, H13A, B18A, H14A, L11A, MCMT, G15A, J13A, K12A, I14A, E17A, B01A, M11A, L12A, G16A, J14A, O10A, NVAR, NVAR, M12A, L13A, H16A, M13A, L14A, K15A, N13A, O12A, Q11A, S10A, P12A, GRAC, R11A, ISA, P13A, MPMC, S11A, FURC, Q13A, LRM, P14A, EDW2, PDAR, S12A, T11A, Q14C, SHOC, K19A, GSC, GSC, S13A, HEC, T13A, U12A, V12A, GMRC, M20A, O19A, U14A, Q18A, N20A, T15A, S16A, M21A, IRM, P19A, W13A, BC3, U15A, O20A, V14A, S17A, Q19A, W14A. Includes station names like MacKenzie Ranc, Fuhringer Ranc, etc.

| | | | | | | | |
|-------|---|-------|-----|------|------|------------|------|
| V15A | Kaibab Nationa | 47.06 | 85 | ↑P | P | 17 26 12.4 | +0.4 |
| T17A | Navajo Res., N | 47.10 | 83 | ↓P | P | 17 26 12.1 | -0.3 |
| S18A | Hurst Farm, BI | 47.13 | 81 | ↑P | P | 17 26 11.7 | -0.8 |
| R19A | Curlay Farm, L | 47.17 | 80 | ↑P | P | 17 26 12.5 | -0.4 |
| Y13A | Salome | 47.42 | 88 | ↑P | P | 17 26 14.6 | -0.3 |
| X14A | Yava | 47.54 | 87 | ↑P | P | 17 26 16.1 | +0.3 |
| T18A | Mexican Hat | 47.56 | 82 | ↓P | P | 17 26 15.2 | -0.7 |
| S19A | Harvey Farm, M | 47.60 | 81 | ↓P | P | 17 26 16.0 | -0.2 |
| PV01 | Paradox Vals | 47.69 | 80 | eP | P | 17 26 16.2 | -0.7 |
| X15A | Humboldt | 47.92 | 86 | ↑P | P | 17 26 19.2 | +0.6 |
| Z13A | Yuma Proving G | 47.94 | 89 | ↑P | P | 17 26 18.7 | -0.1 |
| V17A | Tonalee, Kykot | 48.02 | 84 | ↑P | P | 17 26 20.0 | +0.6 |
| Y15A | Casa Rosa Ranc | 48.23 | 87 | ↑P | P | 17 26 21.1 | 0.0 |
| T19A | Beclato | 48.28 | 81 | ↓P | P | 17 26 21.0 | -0.4 |
| X16A | Lo Mia Camp, P | 48.45 | 86 | ↑P | P | 17 26 23.2 | +0.5 |
| S21A | Coal Bank Pass | 48.46 | 80 | ↑P | P | 17 26 22.6 | -0.2 |
| V18A | Ganado | 48.48 | 83 | ↓P | P | 17 26 23.0 | +0.1 |
| U19A | Dine' College, | 48.52 | 82 | ↓P | P | 17 26 23.3 | 0.0 |
| R22A | Saguache, Gunn | 48.70 | 78 | ↓P | P | 17 26 24.8 | +0.2 |
| 114A | Black Gap (USA | 48.72 | 88 | ↓P | P | 17 26 25.0 | +0.2 |
| SP15 | Spitsbergen Ar | 48.93 | 357 | P | P | 17 26 26.0 | +0.2 |
| HHC | Hu-ho-hao-te | 48.95 | 286 | eP | S | 17 26 27.3 | +0.9 |
| HHC | | | | S | Pmax | 17 23 14.4 | -0.1 |
| HHC | comp=Z,17nm,0.7s,mb4.5 | | | Pmax | Pmax | | |
| S22A | 4JR Ranch, Cre | 48.98 | 79 | ↑P | P | 17 26 27.1 | +0.4 |
| Y17A | Roosevelt | 49.30 | 86 | ↓P | P | 17 26 29.4 | +0.2 |
| 214A | Organ Pipe Nat | 49.32 | 89 | ↑P | P | 17 26 29.5 | +0.1 |
| U21A | Nageezi | 49.36 | 81 | ↓P | P | 17 26 29.3 | -0.3 |
| T22A | Edith | 49.42 | 80 | ↓P | P | 17 26 29.8 | -0.2 |
| Y18A | Canyon Day Jun | 49.73 | 85 | ↓P | P | 17 26 32.7 | +0.2 |
| U22A | Llaves | 49.88 | 80 | ↓P | P | 17 26 33.5 | 0.0 |
| S24A | Houchin Ranch, | 50.01 | 78 | ↓P | P | 17 26 34.5 | 0.0 |
| X20A | Quemado | 50.13 | 83 | ↑P | P | 17 26 35.5 | 0.0 |
| 117A | Oracle | 50.14 | 87 | ↓P | P | 17 26 35.6 | +0.1 |
| V22A | San Miguel Ran | 50.16 | 81 | ↑P | P | 17 26 35.7 | +0.1 |
| U23A | El Rito | 50.30 | 80 | ↑P | P | 17 26 36.8 | +0.1 |
| 118A | Homack Ranch, | 50.56 | 86 | ↓P | P | 17 26 38.8 | +0.1 |
| X21A | Alamocita Cree | 50.63 | 83 | ↑P | P | 17 26 39.7 | +0.6 |
| Y20A | Horse Springs, | 50.64 | 84 | ↓P | P | 17 26 39.8 | +0.5 |
| 119A | Ashppek Ranch, | 50.88 | 86 | ↑P | P | 17 26 41.4 | +0.4 |
| Y21A | Dragon | 50.98 | 87 | ↓P | P | 17 26 41.9 | +0.1 |
| 218A | Point of Rocks | 51.00 | 83 | ↑P | P | 17 26 42.4 | +0.5 |
| Z20A | Nine Sixteen R | 51.06 | 85 | ↓P | P | 17 26 42.5 | +0.1 |
| U25A | Circle Dot Ran | 51.32 | 79 | ↓P | P | 17 26 43.9 | -0.4 |
| 318A | Bisbee | 51.39 | 87 | ↓P | P | 17 26 44.8 | 0.0 |
| 120A | U Bar Ranch, L | 51.43 | 85 | ↓P | P | 17 26 45.1 | 0.0 |
| 219A | White Tail Can | 51.44 | 86 | ↑P | P | 17 26 45.4 | +0.2 |
| W24A | Lazy S Ranch, | 51.53 | 80 | ↑P | P | 17 26 45.6 | -0.2 |
| V25A | Rancho No Teng | 51.57 | 79 | ↓P | P | 17 26 46.1 | -0.1 |
| U26A | Atchley Ranch, | 51.71 | 78 | ↑P | P | 17 26 47.0 | -0.2 |
| Z22A | Elephant Butte | 51.94 | 83 | ↑P | P | 17 26 49.1 | +0.2 |
| 220A | Playas Peak, P | 51.95 | 86 | ↑P | P | 17 26 48.5 | -0.5 |
| 121A | Cookes Peak, D | 51.95 | 85 | ↑P | P | 17 26 49.1 | +0.1 |
| Y23A | Lovelace Mesa, | 52.02 | 82 | ↑P | P | 17 26 49.6 | +0.1 |
| W25A | X Bar L Ranch, | 52.09 | 80 | ↑P | P | 17 26 49.6 | -0.3 |
| 320A | Kipp Ranch, An | 52.34 | 86 | ↓P | P | 17 26 52.1 | +0.2 |
| Y24A | Capitan | 52.40 | 82 | ↑P | P | 17 26 52.3 | 0.0 |
| Z25A | Mesa, Roswell | 52.84 | 81 | ↑P | P | 17 26 55.1 | -0.4 |
| X24A | Sheepens Canyo | 52.85 | 82 | ↓P | P | 17 26 55.4 | -0.2 |
| Z26A | CR and CF Ran | 52.94 | 80 | ↓P | P | 17 26 55.5 | -0.6 |
| 224A | Cornudas Mount | 53.64 | 83 | ↓P | P | 17 27 00.9 | -0.4 |
| Z26A | Caprock | 53.72 | 81 | ↓P | P | 17 27 01.4 | -0.5 |
| 125A | Gardner Draw, | 53.75 | 82 | ↓P | P | 17 27 02.0 | -0.1 |
| Y27A | Causey | 53.78 | 80 | ↑P | P | 17 27 02.0 | -0.3 |
| 225A | Deer Hill, Car | 54.03 | 83 | ↓P | P | 17 27 04.1 | -0.1 |
| 324A | Moseley Ranch, | 54.11 | 84 | ↓P | P | 17 27 04.1 | -0.7 |
| Z27A | Tatum | 54.15 | 81 | ↓P | P | 17 27 04.3 | -0.7 |
| 325A | Bean Ranch, Si | 54.47 | 84 | ↑P | P | 17 27 07.0 | -0.3 |
| 326A | Caldwell Ranch | 55.10 | 83 | ↑P | P | 17 27 11.5 | -0.4 |
| 426A | McDonald Obser | 55.23 | 83 | ↓P | P | 17 27 14.2 | -0.7 |
| 328A | Wristen Ranch, | 55.76 | 82 | ↑P | P | 17 27 15.4 | -1.1 |
| 427A | Hayter Ranch, | 55.78 | 83 | ↑P | P | 17 27 15.9 | -0.9 |
| 526A | Mary Lane Ranc | 55.93 | 84 | ↓P | P | 17 27 17.5 | -0.3 |
| 527A | Woodward Ranch | 56.16 | 84 | ↑P | P | 17 27 17.8 | -0.8 |
| 626A | Big Bend Ranch | 56.27 | 84 | ↓P | P | 17 27 19.7 | -0.5 |
| 428A | Kincaid Ranch, | 56.30 | 82 | ↓P | P | 17 27 20.0 | -0.3 |
| 528A | Cox Ranch, San | 56.64 | 83 | ↓P | P | 17 27 22.2 | -0.6 |
| X28A | Lajitas Array | 56.71 | 84 | ↓P | P | 17 27 22.6 | -0.7 |
| TXAR | comp=Z,2.4nm,0.8s,mb3.9,baz=303,slow=5.1,SNR=28 | | | P | P | 17 28 15.3 | -1.6 |
| 627A | Terlingua Ranc | 56.79 | 84 | ↑P | P | 17 27 23.0 | -0.9 |
| ARCES | ARCES Array B | 56.84 | 351 | P | P | 17 27 23.1 | -0.5 |
| KURK | Kurchoy | 57.20 | 314 | P | P | 17 27 39.4 | -0.9 |
| KURK | comp=Z,0.2nm,0.3s,mb3.2,baz=44,slow=6.4,SNR=2.8 | | | P | P | 17 28 35.7 | +9.4 |
| WMO | Urumuj | 59.95 | 304 | eP | P | 17 27 50.0 | +4.5 |
| CD2 | Chengdu | 60.36 | 283 | P | P | 17 27 50.7 | +2.2 |

| | | | | | | | |
|------|---|-------|-----|------|------|------------|------|
| CD2 | | | | pP | pP | 17 28 37.9 | +3.2 |
| CD2 | | | | sP | sP | 17 29 00.2 | +3.4 |
| CD2 | | | | PP | PP | 17 30 08.3 | +4.6 |
| CD2 | | | | S | S | 17 35 47.7 | +0.9 |
| CD2 | | | | SS | SS | 17 37 09.7 | +2.2 |
| CD2 | | | | SS | SS | 17 39 50.2 | +2.7 |
| CD2 | comp=Z,1.0nm,0.5s,mb4.7 | | | Pmax | Pmax | | |
| BVAR | Borovoye Array | 60.82 | 321 | P | P | 17 27 50.3 | -0.9 |
| BVAR | comp=Z,0.5nm,0.5s,mb3.4,baz=38,slow=7.3,SNR=4.3 | | | pP | pP | 17 28 48.5 | +1.1 |
| GVA | Guizang | 61.52 | 277 | P | P | 17 28 01.0 | +2.2 |
| GVA | comp=Z,1.0nm,1.0s,mb4.4 | | | Pmax | Pmax | | |
| CMIG | Matias Romero | 71.18 | 86 | P | P | 17 28 56.8 | -0.8 |
| CMIG | comp=Z,2.1nm,0.7s,mb3.9,baz=343,slow=11,SNR=4.1 | | | | | | |

WEL 01 17:25:35.0d.0.1, 38:90S-176:60E, h59km-1km, ML3.5/0, 3C-4D, Error ellipse: s-maj=0.8km s-min=0.7km az=90.0,

| North Island | | | | | | | | | |
|--------------|-----------------|------|-----|-----|----------|------------|------|---|---|
| Code | Station Name | Δ° | AZ° | Op | Phase ID | Time | Res | h | s |
| NMHZ | Naumai | 0.26 | 141 | ↑P | ISC | 17 25 44.5 | -0.2 | | |
| NMHZ | | | | SN | SN | 17 25 42.2 | +0.8 | | |
| BKJZ | Black Stump Fm | 0.28 | 197 | ↑P | PN | 17 25 42.2 | -0.8 | | |
| RAHZ | Arahi | 0.38 | 93 | ↑P | PN | 17 25 45.5 | -0.1 | | |
| RAHZ | | | | SN | SN | 17 25 54.3 | +0.9 | | |
| ALRZ | Allen Road | 0.39 | 329 | ↓P | PN | 17 25 45.4 | -0.3 | | |
| HATZ | Hienamaia | 0.40 | 271 | ↑P | PN | 17 25 43.3 | -0.5 | | |
| PRRZ | Plateau Road | 0.43 | 338 | ↓P | PN | 17 25 53.4 | -0.7 | | |
| MCHZ | McNeill Hill | 0.55 | 172 | ↑P | PN | 17 25 48.0 | +0.5 | | |
| WHTZ | Whakaora | 0.55 | 294 | ↓P | PN | 17 25 47.5 | +0.1 | | |
| RRRZ | Republican Roa | 0.56 | 353 | ↓P | PN | 17 25 47.3 | -0.3 | | |
| HRRZ | Handcock Road | 0.56 | 334 | ↓P | PN | 17 25 47.1 | -0.5 | | |
| HRRZ | | | | SN | SN | 17 25 55.6 | -1.1 | | |
| RITZ | Rihia Road | 0.58 | 262 | ↓P | PN | 17 25 47.7 | 0.0 | | |
| RATZ | Rangitukua | 0.65 | 272 | ↓P | PN | 17 25 48.4 | -0.1 | | |
| TARZ | Mount Tarawera | 0.67 | 354 | ↓P | PN | 17 25 49.0 | +0.3 | | |
| WATZ | Wairua | 0.70 | 285 | ↓P | PN | 17 25 49.0 | -0.2 | | |
| KATZ | Kakaramea | 0.71 | 262 | ↓P | PN | 17 25 49.3 | -0.3 | | |
| URZ | Urewera | 0.75 | 32 | ↓P | PN | 17 25 49.3 | -0.5 | | |
| KRVZ | Karewarewa | 0.77 | 255 | ↓P | PN | 17 25 49.9 | -0.2 | | |
| OTVZ | Ututere | 0.77 | 250 | ↓P | PN | 17 25 50.0 | -0.1 | | |
| EDRZ | Edgecumbe | 0.80 | 8 | ↓P | PN | 17 25 50.3 | -0.1 | | |
| OMRZ | Omania | 0.81 | 147 | ↓P | PN | 17 25 50.5 | 0.0 | | |
| WTVZ | West Tongariro | 0.92 | 254 | ↓P | PN | 17 25 50.5 | -0.1 | | |
| TUVZ | Tukino | 0.82 | 243 | ↓P | PN | 17 25 50.6 | -0.1 | | |
| NGZ | Ngaruhoe | 0.82 | 250 | ↓P | PN | 17 25 50.7 | 0.0 | | |
| MOVZ | Moawhango | 0.83 | 232 | ↓P | PN | 17 25 50.3 | -0.5 | | |
| KNZ | Kokohu | 0.89 | 99 | ↓P | PN | 17 25 50.9 | -0.1 | | |
| WPVZ | Whakapapa | 0.89 | 249 | ↓P | PN | 17 25 51.2 | -0.1 | | |
| DRZ | Deer Shelter | 0.89 | 245 | ↓P | PN | 17 25 51.7 | +0.1 | | |
| FWVZ | Far West T-bar | 0.89 | 246 | ↓P | PN | 17 25 51.4 | -0.1 | | |
| WNVZ | Whianhoa | 0.89 | 241 | ↓P | PN | 17 25 51.5 | -0.1 | | |
| TRVZ | Turoa | 0.91 | 243 | ↓P | PN | 17 25 51.7 | -0.1 | | |
| MWZ | Matawai | 0.92 | 53 | ↓P | PN | 17 25 51.9 | 0.0 | | |
| TWVZ | Taurewa | 0.92 | 259 | ↓P | PN | 17 25 51.8 | -0.3 | | |
| KAHZ | Kahuranaki | 0.92 | 167 | ↓P | PN | 17 25 52.1 | +0.1 | | |
| KAHZ | | | | SN | SN | 17 26 05.6 | +1.1 | | |
| MTVZ | Mangateitei | 1.00 | 241 | ↓P | PN | 17 25 52.8 | -0.2 | | |
| PRGZ | Parituro Road | 1.00 | 92 | ↓P | PN | 17 25 52.8 | -0.2 | | |
| PKVZ | Pukaka | 1.05 | 248 | ↓P | PN | 17 25 53.5 | -0.2 | | |
| PKVZ | Matia Peninsula | 1.05 | 104 | ↓P | PN | 17 25 53.9 | -0.2 | | |
| PNHZ | Pukeni | 1.06 | 197 | ↓P | PN | 17 25 53.6 | -0.2 | | |
| PXZ | Pawpuka | 1.15 | 170 | ↓P | PN | 17 25 54.1 | -0.9 | | |
| WPHZ | Waiukurua | 1.17 | 186 | ↓P | PN | 17 25 54.7 | -0.6 | | |
| TSZ | Takapari Road | 1.26 | 203 | ↓P | PN | 17 25 56.0 | -0.5 | | |
| PRHZ | Porangahau | 1.37 | 171 | ↓P | PN | 17 25 57.0 | -0.9 | | |
| HIZ | Hauri | 1.42 | 285 | ↓P | PN | 17 25 58.9 | +0.4 | | |
| TOZ | Tahuroa Road | 1.45 | 323 | ↓P | PN | 17 25 58.7 | -0.2 | | |
| VRZ | Vera Road | 1.45 | 260 | ↓P | PN | 17 25 59.3 | +0.4 | | |
| WAZ | Wanganui | 1.52 | 235 | ↓P | PN | 17 26 00.2 | +0.3 | | |
| PUZ | Puketiti | 1.54 | 58 | ↓P | PN | 17 26 00.1 | -0.1 | | |
| MRZ | Matakapoa Point | 1.93 | 204 | ↓P | PN | 17 26 05.7 | +0.7 | | |
| MRZ | Mangatainoka R | 1.93 | 204 | ↓P | PN | 17 26 03.8 | -1.7 | | |
| PKE | Pukeiti | 2.05 | 261 | ePN | PN | 17 26 08.5 | +1.3 | | |
| KIW | Kapiti Island | 2.35 | 213 | ↓P | SN | 17 26 09.8 | -1.5 | | |
| MOZ | McQueen's Vall | 5.65 | 210 | ↓P | SN | 17 27 51.1 | -8.7 | | |
| CTZ | Chatham Island | 7.03 | 136 | ↓P | SN | 17 27 12.7 | -2.5 | | |
| CTZ | | | | SN | SN | 17 28 21.6 | -1.2 | | |

IOC 01 17:41:04.7±1.9, 127S-138.02E, h0km, mb3.7/6, mb1 3.9/7, mb1mx3.7/16, mbtmp3.7/7, ML3.6/1, MS3.1/1, MS1 3.3/2, ms1mx2.5/22, Error ellipse: s-maj=84.6km s-min=1

18C-6D, Error ellipse: s-maj=1.2km s-min=0.7km

az=90.0, Cook Strait

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like DUVW, NZNZ, NNZ, etc.

Table with columns: WHZ, Wether Hill Ro, 6.54 215, Pn, 18 27 41.8 -3.7. Lists stations like WHZ, SYZ, APZ, etc.

ISC 01 18:33:28.3, 0.9, 36.0N, 0.1, -70.8E, 0.2, h151km, 20km, n12, -0.90/14, 2C, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like CEP, CHC, CHN, etc.

IDC 01 18:33:06.9, 3.3, 35.77N, 72.93E, h0km, mb3.7/2, mb1 3.5/5, mb1mx3.3/25, mbtrmp3.4/5, ML3.3/3, Error ellipse: s-maj=1.5km s-min=0.5km az=123.0

ISC 01 18:33:28.6, 3.2, 38.1N, 0.3, 71.9E, 0.2, h10km, n19, -0.15/17, 2D, 2C-5D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like AML, KZA, EK2S, etc.

IDC 01 18:46:26.3, 0.2, 38.58N, 21.86E, h0km, mb3.4/6, mb1 3.5/7, mb1mx3.4/25, mbtrmp3.5/7, ML2.9/1, MS2.7/1, Ms1 2.7/1, ms1mx2.1/32, Error ellipse: s-maj=72.9km s-min=25.0km az=54.0

ATH 01 18:46:26.3, 0.2, 38.58N, 21.86E, h34km, MD3.1/7, ML3.0/1 THE 01 18:46:27.8, 38.22N, 21.59E, h23km, 1km, ML3.9/9, Error ellipse: s-maj=1.3km s-min=0.8km az=67.0

NEIC 01 18:46:27.4, 38.23N, 21.61E, h12km, ML3.4(ATH), After ATH

CSEM 01 18:46:27.3, 0.2, 38.24N, 21.59E, h24km, 1km, ML3.0, Error ellipse: s-maj=3.5km s-min=2.9km az=50.0

ISCJB 01 18:46:27.1, 0.3, 38.22N, 0.0, 21.59E, 0.0, h20km, 20km, mb3.5/7, Error ellipse: s-maj=3.6km s-min=3.0km az=39.3

ISC 01 18:46:27.4, 0.3, 38.22N, 0.2, 21.59E, 0.0, h27km, 2km, n158, -0.19/09, 212, mb3.5/7, 2C-2D, Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like UPR, RLS, RLS, etc.

Table with columns: EVR, Evrytania, 0.72 14, ePn, Pn, 18 46 40.7 -1.1. Lists stations like EVR, DSF, VLS, etc.

1d 19h

ISC 01 19:12:20.5:1.0, 13.333N:0.04:125.64E:0.08, h44km, gkm, n59, r1303/64, mb4.3/30, MS3.1/5, 3C, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Lists various stations like CNP, CNP, Virac, etc.

ISC 01 19:19:02.9:1.3, 31.35N:104.16E, h0km, mb3.4/4, mb1 3.6/4, mb1mx3.3/22, mbtmp3.4/4, Error ellipse: s-maj=203.7km s-min=23.7km az=56.0

BUI 01 19:19:06.0, 30.92N:103.42E, h12km, ML3.3/13, Ms3.2/1, Ms7.2/9/1

ISC 01 19:19:03.6:1.6, 31.04N:0.05:103.34E:0.07, h5km, 10km, n8, r1917/15, mb3.4/4, Sichuan

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Lists stations like CD2, Chengdu, Lanzhou, etc.

2008 JUL

comp=E, 0.3nm, 0.7s, mb3.5, baz=338, slow=7.0, SNR=3.3

WEL 01 19:26:02.1:0.7, 35.35S:178.88E, h33km, ML3.7/8, Error ellipse: s-maj=11.0km s-min=5.6km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Lists stations like MXZ, Matakaoa Point, PUK, etc.

IDD 01 19:31:21.8:0.9, 7.45N:94.35E, h0km, mb3.8/9, mb1 3.9/11, mb1mx3.7/23, mbtmp3.8/11, ML3.7/2, Error ellipse: s-maj=34.4km s-min=18.5km az=65.0

ISCJB 01 19:31:27.4:2.5, 7.54N:0.09:94.6E:0.1, h50km, 23km, mb3.8/12, Error ellipse: s-maj=25.5km s-min=10.7km az=152.2

NEIC 01 19:31:28.3:2.4, 7.48N:94.50E, h45km, 22km, mb3.8/3, mb1 3.9/11, mb1mx3.7/23, mbtmp3.8/11, ML3.7/2, Error ellipse: s-maj=31.0km s-min=15.5km az=68.0

ISC 01 19:31:29.5:2.0, 7.52N:0.10:94.6E:0.1, h53km, 18km, n20, r1524/21, mb3.8/12, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Lists stations like PSI, Prapat, KULM, etc.

IDD 01 19:35:35.1:0.6, 7.68N:94.33E, h0km, mb4.0/13, mb1 4.0/15, mb1mx3.9/24, mbtmp3.9/15, ML3.8/2, Error ellipse: s-maj=20.8km s-min=14.3km az=74.0

ISCJB 01 19:35:39.8:1.4, 7.63N:0.05:94.47E:0.08, h49km, 13km, mb4.3/33, Error ellipse: s-maj=13.6km s-min=7.4km az=159.0

BUI 01 19:35:40.2, 7.62N:94.27E, h26km, mb4.6/5, mb4.5/10, Ms3.9/1, Ms7.3/7/1

NEIC 01 19:35:41.1, 7.63N:94.46E, h52km, 13km, mb4.3/14, Error ellipse: s-maj=14.2km s-min=6.5km az=69.0

ISC 01 19:35:42.4:1.1, 7.63N:0.05:94.49E:0.08, h56km, 11km, n51, r1811/51, mb4.3/33, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Lists stations like PSI, Prapat, KULM, etc.

36

BRVK Borovoye 49.39 341 P P 19 44 26.1 -0.2

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

ISCJB 01 19:36:48.0:0.3, 43.26N:0.01:0.51W:0.02, h4km, 2km, Error ellipse: s-maj=2.5km s-min=2.2km az=152.2

CSEM 01 19:36:49.4:0.1, 43.19N:0.54W, h8km, ML2.7/22, Error ellipse: s-maj=1.9km s-min=1.6km az=157.0

NEIC 01 19:36:49.8:4.3, 43.07N:0.58W, h5km, ML2.6(LDG), ORF ML2.6(STR), After STR

LDG 01 19:36:50.6:0.1, 43.14N:0.54W, h5km, Md2.7/3, Md2.6/20, Error ellipse: s-maj=1.5km s-min=1.1km az=156.0

STR 01 19:36:50.0:0.2, 43.09N:0.56W, h5km, ML2.5, Error ellipse: s-maj=0.6km s-min=0.0km az=0.0

MDD 01 19:36:50.4:0.2, 43.13N:0.55W, h0km, mb2.7/1, mbLg2.1/29, Error ellipse: s-maj=2.6km s-min=1.4km az=6.0, PRIMO

ISC 01 19:36:49.2:0.2, 43.20N:0.01:0.54W:0.02, h8km, 2km, n192, r0997/305, 2D, Pyrenees

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Lists stations like REYF, Montagne du Re, REYF, etc.

| | | | | | | | | | | | | | | | | | | | | |
|------|--------------------|------|-----|----|----|-----------------|------|--------------------|------|-----|-----|----|-----------------|------|--------------------|--------------------|-----|-----|-----------------|-----------------|
| IPRE | 100nm,0.1s,SNR=7.9 | 0.71 | 237 | Pg | Pg | 19 37 03.2 +0.3 | CLLI | 9.8nm,0.3s,SNR=7.9 | 1.98 | 110 | Pg | Pg | 19 37 27.5 +0.3 | LASF | | | eSg | Sg | 19 38 35.2 -0.3 | |
| IPRE | 2.5nm,0.1s,SNR=7.9 | | | | | | CLLI | 3.9nm,0.3s,SNR=17 | | | | | | LASF | Ste Croix | 3.31 | 73 | Pn | Pn | 19 37 43.9 +2.5 |
| IPRE | 29nm,0.3s,SNR=7.9 | | | | | 19 37 12.1 | CLLI | 9.8nm,0.3s,SNR=7.9 | | | | | 19 37 53.9 | LASF | | | Pg | Pg | 19 37 52.4 -0.3 | |
| IPRE | 2.5nm,0.1s,SNR=7.9 | 0.71 | 237 | Pg | Pg | 19 37 03.2 +0.3 | MTLF | Montoliou | 2.02 | 85 | ePg | Pg | 19 37 27.4 -0.5 | LASF | 2.7nm,0.4s | 3.31 | 73 | Pn | Pn | 19 37 43.9 +2.5 |
| IPRE | 29nm,0.3s,SNR=7.9 | | | | | 19 37 12.1 | MTLF | 8.2nm,0.3s | 2.02 | 85 | ePn | Pn | 19 37 53.2 -0.8 | LASF | | | Pg | Pg | 19 37 52.4 -0.3 | |
| IPRE | 2.5nm,0.1s,SNR=7.9 | 0.71 | 237 | Pg | Pg | 19 37 03.2 +0.2 | MTLF | Montoliou | 2.02 | 85 | ePg | Pg | 19 37 27.4 -0.5 | LASF | 2.7nm,0.4s | 3.31 | 73 | ePn | Pn | 19 37 43.9 +2.5 |
| IPRE | 29nm,0.3s,SNR=7.9 | | | | | 19 37 12.1 | MTLF | 8.2nm,0.3s | 2.02 | 85 | ePg | Pg | 19 37 53.2 -0.8 | LASF | Site Croix | 3.31 | 73 | ePg | Pg | 19 37 52.4 -0.3 |
| IPRE | 2.5nm,0.1s,SNR=7.9 | 0.71 | 237 | Pg | Pg | 19 37 03.1 -0.1 | MTLF | Montoliou | 2.02 | 85 | Pn | Pg | 19 37 23.8 +0.2 | LASF | | | eSg | Sg | 19 38 35.2 -0.3 | |
| ELIZ | 29nm,0.3s,SNR=7.9 | | | | | 19 37 13.5 | MTLF | 4.1nm,0.3s | 2.02 | 85 | Pn | Pn | 19 37 23.8 +0.2 | EARI | 2.7nm,0.4s | 3.41 | 273 | Pn | Pn | 19 37 44.4 +1.6 |
| ELIZ | Elizondo | 0.72 | 268 | Pg | Pg | 19 37 03.1 -0.1 | MTLF | Montoliou | 2.02 | 85 | Pn | Pg | 19 37 27.4 -0.5 | EARI | Arriondas | 0.2nm,0.2s,SNR=7.9 | | Sn | Sn | 19 38 23.3 -0.1 |
| ELIZ | 3.9nm,0.2s,SNR=19 | | | | | 19 37 13.5 | MTLF | 4.1nm,0.3s | 2.02 | 85 | Pn | Pg | 19 37 53.2 | EARI | 0.1nm,0.2s,SNR=7.9 | 3.41 | 273 | Pn | Pn | 19 37 44.4 +1.6 |
| ELIZ | 37nm,0.3s,SNR=7.9 | | | | | 19 37 13.5 | MTLF | 4.1nm,0.3s | 2.02 | 85 | ePn | Pn | 19 37 23.8 +0.2 | EARI | 0.2nm,0.2s,SNR=7.9 | | Sn | Sn | 19 38 23.3 -0.1 | |
| ELIZ | Elizondo | 0.72 | 268 | Pg | Pg | 19 37 03.2 +0.1 | MTLF | Montoliou | 2.02 | 85 | ePg | Pg | 19 37 27.4 -0.5 | EARI | 0.1nm,0.2s,SNR=7.9 | 3.42 | 5 | ePg | Pg | 19 37 54.8 +0.1 |
| ELIZ | 3.9nm,0.2s,SNR=19 | | | | | 19 37 12.8 | MTLF | 4.1nm,0.3s | 2.04 | 112 | Pg | Pg | 19 37 29.0 +0.6 | MFF | 2.0nm,0.2s | 3.42 | 5 | ePg | Pg | 19 38 39.3 +0.3 |
| IZUN | 37nm,0.3s,SNR=7.9 | | | | | 19 37 03.5 -0.1 | VALF | Valcebollere | 2.04 | 112 | Pg | Pg | 19 37 29.0 +0.6 | MFF | Saint Martin d | 3.42 | 5 | ePn | Pn | 19 37 43.4 +0.6 |
| IZUN | Zunzarren | 0.75 | 244 | Pg | Pg | 19 37 03.5 -0.1 | VALF | Valcebollere | 2.04 | 112 | Pg | Pg | 19 37 29.1 +0.7 | MFF | | | ePg | Pg | 19 37 54.8 +0.1 | |
| IZUN | 4.7nm,0.2s,SNR=7.9 | | | | | 19 37 13.7 | VALF | Valcebollere | 2.04 | 112 | Pg | Pg | 19 37 54.3 | MFF | Saint Martin d | 3.42 | 5 | ePg | Pg | 19 38 39.3 +0.3 |
| IZUN | 11nm,0.2s,SNR=7.9 | | | | | 19 37 03.5 -0.1 | VALF | Valcebollere | 2.04 | 112 | Pg | Pg | 19 37 29.1 +0.7 | MFF | | | ePg | Pg | 19 37 43.4 +0.6 | |
| IZUN | Zunzarren | 0.75 | 244 | Pg | Pg | 19 37 03.5 -0.1 | VALF | Valcebollere | 2.04 | 112 | Pg | Pg | 19 37 54.3 | MFF | | | ePg | Pg | 19 37 54.8 +0.1 | |
| IZUN | 4.7nm,0.2s,SNR=7.9 | | | | | 19 37 14.6 | ELAN | Lanestosa | 2.12 | 272 | Pn | Pn | 19 37 26.5 +1.6 | MFF | Saint Martin d | 3.42 | 5 | Pn | Pg | 19 37 43.4 +0.6 |
| IZUN | 11nm,0.2s,SNR=7.9 | | | | | 19 37 14.6 | ELAN | 1.5nm,0.2s,SNR=7.9 | 2.12 | 272 | Pn | Pn | 19 37 26.5 +1.6 | MFF | 1.0nm,0.2s | 3.42 | 5 | ePn | Pn | 19 37 54.8 +0.1 |
| RESF | Ens | 0.75 | 121 | Pg | Pg | 19 37 04.4 +0.7 | ELAN | Lanestosa | 2.12 | 272 | Pn | Pn | 19 37 56.0 | MFF | Saint Martin d | 3.42 | 5 | ePg | Pg | 19 37 54.8 +0.1 |
| RESF | Ens | 0.75 | 121 | Pg | Pg | 19 37 13.8 +0.3 | ELAN | 0.5nm,0.3s,SNR=7.9 | 2.12 | 272 | Pn | Pn | 19 37 56.0 | MFF | | | ePg | Pg | 19 38 39.3 +0.3 | |
| RESF | Ens | 0.75 | 121 | Pg | Pg | 19 37 03.5 -0.2 | ELAN | 1.5nm,0.2s,SNR=7.9 | 2.12 | 272 | Pn | Pn | 19 37 56.8 | MFF | | | ePg | Pg | 19 37 54.8 +0.1 | |
| RESF | Ens | 0.75 | 121 | Pg | Pg | 19 37 03.5 -0.2 | ELAN | 0.5nm,0.3s,SNR=7.9 | 2.12 | 272 | Pn | Pn | 19 37 56.8 | MFF | 1.0nm,0.2s | 3.66 | 31 | ePg | Pg | 19 37 59.4 +0.1 |
| RESF | Ens | 0.75 | 121 | Pg | Pg | 19 37 12.6 | ELAN | 1.5nm,0.2s,SNR=7.9 | 2.20 | 146 | Pn | Pn | 19 37 56.8 | MFF | Toulex Ste Croi | 3.66 | 31 | ePg | Pg | 19 37 59.4 +0.1 |
| RESF | Ens | 0.75 | 121 | Pg | Pg | 19 37 04.4 +0.7 | EPOB | Poblet | 2.30 | 146 | Pn | Pn | 19 37 26.1 0.0 | MFF | | | ePg | Pg | 19 38 27.3 -2.2 | |
| RESF | Ens | 0.75 | 121 | Pg | Pg | 19 37 13.8 +0.3 | EPOB | 2.3nm,0.5s,SNR=13 | 2.30 | 146 | Pn | Pn | 19 37 30.2 -1.2 | MFF | Toulex Ste Croi | 3.66 | 31 | ePg | Pg | 19 38 27.3 -2.2 |
| RESF | Ens | 0.75 | 121 | Pg | Pg | 19 37 04.5 +0.3 | EPOB | 0.7nm,0.1s,SNR=7.9 | 2.30 | 146 | Pn | Pn | 19 37 30.2 -1.2 | MFF | | | ePg | Pg | 19 38 46.8 0.0 | |
| IUSE | Utxeti | 0.78 | 252 | Pg | Pg | 19 37 04.5 +0.3 | EPOB | SNR=7.9 | 2.30 | 146 | Pn | Pn | 19 37 56.6 | MFF | 2.9nm,0.2s | 3.66 | 31 | ePn | Pn | 19 37 46.3 +0.1 |
| IUSE | 1.3nm,0.1s,SNR=8.0 | | | | | 19 37 14.7 | EPOB | 2.3nm,0.5s,SNR=13 | 2.30 | 146 | Pn | Pn | 19 37 26.1 0.0 | MFF | Toulex Ste Croi | 3.66 | 31 | ePg | Pg | 19 37 59.4 +0.1 |
| IUSE | 6.5nm,0.2s,SNR=7.9 | | | | | 19 37 14.7 | EPOB | 0.7nm,0.1s,SNR=7.9 | 2.30 | 146 | Pn | Pn | 19 37 30.2 -1.2 | MFF | | | ePg | Pg | 19 38 27.3 -2.2 | |
| IUSE | 1.3nm,0.1s,SNR=8.0 | | | | | 19 37 14.7 | EPOB | SNR=7.9 | 2.30 | 146 | Pn | Pn | 19 37 56.6 | MFF | 1.4nm,0.2s | 3.66 | 31 | Pn | Pn | 19 37 46.3 +0.1 |
| IUSE | 6.5nm,0.2s,SNR=7.9 | 0.78 | 252 | Pg | Pg | 19 37 04.5 +0.3 | EPOB | Poblet | 2.20 | 146 | Pn | Pn | 19 37 26.3 +0.2 | MFF | Toulex Ste Croi | 3.66 | 31 | Pn | Pn | 19 37 59.4 +0.1 |
| IUSE | 1.3nm,0.1s,SNR=8.0 | | | | | 19 37 14.7 | EPOB | 2.3nm,0.5s,SNR=13 | 2.20 | 146 | Pn | Pn | 19 37 26.3 +0.2 | MFF | | | ePg | Pg | 19 38 27.3 -2.2 | |
| IUNC | Unciti | 0.83 | 238 | Pg | Pg | 19 37 05.8 +0.6 | EPOB | 0.7nm,0.1s,SNR=7.9 | 2.20 | 146 | Pg | Pg | 19 37 29.6 -1.7 | MFF | Toulex Ste Croi | 3.66 | 31 | ePg | Pg | 19 38 46.8 0.0 |
| IUNC | 3.8nm,0.1s,SNR=7.9 | | | | | 19 37 16.6 | EPOB | SNR=7.9 | 2.20 | 146 | Pg | Pg | 19 37 56.9 +3.5 | MFF | | | ePg | Pg | 19 37 46.3 +0.1 | |
| IUNC | 13nm,0.1s,SNR=7.9 | | | | | 19 37 05.8 +0.6 | ERTA | Horta de San J | 2.33 | 163 | Pg | Pg | 19 37 31.3 -2.5 | MFF | Toulex Ste Croi | 3.66 | 31 | ePg | Pg | 19 37 59.4 +0.1 |
| IUNC | Unciti | 0.83 | 238 | Pg | Pg | 19 37 05.8 +0.6 | ERTA | 2.0nm,0.1s,SNR=7.9 | 2.33 | 163 | Pg | Pg | 19 37 31.3 -2.5 | MFF | | | ePg | Pg | 19 38 27.3 -2.2 | |
| IUNC | 3.8nm,0.1s,SNR=7.9 | | | | | 19 37 16.6 | ERTA | SNR=7.9 | 2.33 | 163 | Pg | Pg | 19 38 00.4 | MFF | 1.5nm,0.2s | 4.11 | 64 | ePn | Pn | 19 37 52.4 +0.1 |
| IUNC | 13nm,0.1s,SNR=7.9 | | | | | 19 37 16.6 | ERTA | Horta de San J | 2.33 | 163 | Pg | Pg | 19 37 31.3 -2.5 | MFF | Saint-Julien-I | 4.11 | 64 | ePg | Pg | 19 39 00.6 -0.6 |
| IUNC | Unciti | 0.83 | 238 | Pg | Pg | 19 37 05.8 +0.6 | ERTA | 2.0nm,0.1s,SNR=7.9 | 2.33 | 163 | Pg | Pg | 19 38 00.4 | MFF | | | ePg | Pg | 19 37 52.4 +0.1 | |
| IUNC | 3.8nm,0.1s,SNR=7.9 | | | | | 19 37 16.6 | ERTA | SNR=7.9 | 2.33 | 163 | Pg | Pg | 19 37 31.3 -2.6 | MFF | 1.0nm,0.3s | 4.11 | 64 | Pn | Pn | 19 39 00.6 -0.6 |
| IUNC | 13nm,0.1s,SNR=7.9 | | | | | 19 37 16.6 | ERTA | Horta de San J | 2.33 | 163 | Pg | Pg | 19 38 01.2 | MFF | Saint-Julien-I | 4.11 | 64 | Pn | Pn | 19 37 52.4 +0.1 |
| IUNC | Unciti | 0.83 | 238 | Pg | Pg | 19 37 05.8 +0.6 | ERTA | 2.0nm,0.1s,SNR=7.9 | 2.33 | 163 | Pg | Pg | 19 38 01.2 | MFF | | | ePg | Pg | 19 39 00.6 -0.6 | |
| IUNC | 3.8nm,0.1s,SNR=7.9 | | | | | 19 37 16.6 | ERTA | SNR=7.9 | 2.33 | 163 | Pg | Pg | 19 37 31.3 -2.6 | MFF | 1.0nm,0.3s | 4.11 | 64 | ePg | Pg | 19 37 52.4 +0.1 |
| IUNC | 13nm,0.1s,SNR=7.9 | | | | | 19 37 16.6 | ERTA | Horta de San J | 2.33 | 163 | Pg | Pg | 19 38 01.2 | MFF | Saint-Julien-I | 4.11 | 64 | Pn | Pn | 19 39 00.6 -0.6 |
| IUNC | Unciti | 0.83 | 238 | Pg | Pg | 19 37 05.8 +0.6 | ERTA | 2.0nm,0.1s,SNR=7.9 | 2.33 | 163 | Pg | Pg | 19 37 31.3 -2.6 | MFF | | | ePg | Pg | 19 37 52.4 +0.1 | |
| IUNC | 3.8nm,0.1s,SNR=7.9 | | | | | 19 37 16.6 | ERTA | SNR=7.9 | 2.33 | 163 | Pg | Pg | 19 38 01.2 | MFF | 1.0nm,0.3s | 4.11 | 64 | Pn | Pn | 19 39 00.6 -0.6 |
| IUNC | 13nm,0.1s,SNR=7.9 | | | | | 19 37 16.6 | ERTA | Horta de San J | 2.33 | 163 | Pg | Pg | 19 37 31.3 -2.6 | MFF | Saint-Julien-I | 4.11 | 64 | Pn | Pn | 19 37 52.4 +0.1 |
| IUNC | Unciti | 0.83 | 238 | Pg | Pg | 19 37 05.8 +0.6 | ERTA | 2.0nm,0.1s,SNR=7.9 | 2.33 | 163 | Pg | Pg | 19 38 01.2 | MFF | | | ePg | Pg | 19 39 00.6 -0.6 | |
| IUNC | 3.8nm,0.1s,SNR=7.9 | | | | | 19 37 16.6 | ERTA | SNR=7.9 | 2.33 | 163 | Pg | Pg | 19 37 31.3 -2.6 | MFF | 1.0nm,0.3s | 4.11 | 64 | Pn | Pn | 19 39 00.6 -0.6 |
| IUNC | 13nm,0.1s,SNR=7.9 | | | | | 19 37 16.6 | ERTA | Horta de San J | 2.33 | 163 | Pg | Pg | 19 38 01.2 | MFF | Saint-Julien-I | 4.11 | 64 | Pn | Pn | 19 37 52.4 +0.1 |
| IUNC | Unciti | 0.83 | 238 | Pg | Pg | 19 37 05.8 +0.6 | ERTA | 2.0nm,0.1s,SNR=7.9 | 2.33 | 163 | Pg | Pg | 19 38 01.2 | MFF | | | ePg | Pg | 19 39 00.6 -0.6 | |
| IUNC | 3.8nm,0.1s,SNR=7.9 | | | | | 19 37 16.6 | ERTA | SNR=7.9 | 2.33 | 163 | Pg | Pg | 19 37 31.3 -2.6 | MFF | 1.0nm,0.3s | 4.11 | 64 | Pn | Pn | 19 39 00.6 -0.6 |
| IUNC | 13nm,0.1s,SNR=7.9 | | | | | 19 37 16.6 | ERTA | Horta de San J | 2.33 | 163 | Pg | Pg | 19 38 01.2 | MFF | Saint-Julien-I | 4.11 | 64 | Pn | Pn | 19 37 52.4 +0.1 |
| IUNC | Unciti | 0.83 | 238 | Pg | Pg | 19 37 05.8 +0.6 | ERTA | 2.0nm,0.1s,SNR=7.9 | 2.33 | 163 | Pg | Pg | 19 38 01.2 | MFF | | | ePg | Pg | 19 39 00.6 -0.6 | |
| IUNC | 3.8nm,0.1s,SNR=7.9 | | | | | 19 37 16.6 | ERTA | SNR=7.9 | 2.33 | 163 | Pg | Pg | 19 37 31.3 -2.6 | MFF | 1.0nm,0.3s | 4.11 | 64 | Pn | Pn | 19 39 00.6 -0.6 |
| IUNC | 13nm,0.1s,SNR=7.9 | | | | | 19 37 16.6 | ERTA | Horta de San J | 2.33 | 163 | Pg | Pg | 19 38 01.2 | MFF | Saint-Julien-I | 4.11 | 64 | Pn | Pn | 19 37 52.4 +0.1 |
| IUNC | Unciti | 0.83 | 238 | Pg | Pg | 19 37 05.8 +0.6 | ERTA | 2.0nm,0.1s,SNR=7.9 | 2.33 | 163 | Pg | Pg | 19 38 01.2 | MFF | | | ePg | Pg | 19 39 00.6 -0.6 | |
| IUNC | 3.8nm,0.1s,SNR=7.9 | | | | | 19 37 16.6 | ERTA | SNR=7.9 | 2.33 | 163 | Pg | Pg | 19 37 31.3 -2.6 | MFF | 1.0nm,0.3s | 4.11 | 64 | Pn | Pn | 19 39 00.6 -0.6 |
| IUNC | 13nm,0.1s,SNR=7.9 | | | | | 19 37 16.6 | ERTA | Horta de San J | 2.33 | 163 | Pg | Pg | 19 38 01.2 | MFF | Saint-Julien-I | 4.11 | 64 | Pn | Pn | 19 37 52.4 +0.1 |
| IUNC | Unciti | 0.83 | 238 | Pg | Pg | 19 37 05.8 +0.6 | ERTA | 2.0nm,0.1s,SNR=7.9 | 2.33 | 163 | Pg | Pg | 19 38 01.2 | MFF | | | ePg | Pg | 19 39 00.6 -0.6 | |
| IUNC | 3.8nm,0.1s,SNR=7.9 | | | | | 19 37 16.6 | ERTA | SNR=7.9 | 2.33 | 163 | Pg | Pg | 19 37 31.3 -2.6 | MFF | 1.0nm,0.3s | 4.11 | 64 | Pn | Pn | 19 39 00.6 -0.6 |
| IUNC | 13nm,0.1s,SNR=7.9 | | | | | 19 37 | | | | | | | | | | | | | | |

Table with columns: ROSF, Station Name, Time, Res, and other parameters. Includes stations like Banda Aceh, Port Blair, Prapat, etc.

IDC 01 19:40:30.1±0.5, 7.72N;94.37E, h0km, mb4.2/18, mb1 4.3/19, mb1mx4.2/26, mb1mp4.2/19, ML3.3/2, MS3.9/20, Ms1 3.9/20, ms1mx3.6/45, Error ellipse: s-maj=19.6km s-min=12.5km az=70.0

MOS 01 19:40:33.3±1.0, 7.72N;94.51E, h33km, mb4.8/24, MS4.1/4, Error ellipse: s-maj=11.8km s-min=6.7km az=112.8

ISCJB 01 19:40:35.2±0.6, 7.68N;0.03;94.39E;0.04, h49km, 6km, mb4.6/64, MS4.0/32, Error ellipse: s-maj=6.5km s-min=4.9km az=148.5

NEIC 01 19:40:36.5±0.8, 7.73N;94.94E, h49km, 8km, mb4.6/19, Error ellipse: s-maj=8.7km s-min=5.9km az=69.0

BUII 01 19:40:36.4, 7.54N;94.32E, h65km, mb4.8/28, mb4.5/33, Ms4.4/30, Ms7.4/128

DJA 01 19:41:01, 6.27N;95.40E, h15km, mb4.6/5

ISC 01 19:40:37.0±0.5, 7.70N;0.03;94.43E;0.03, h55km, 5km, h65km, 3.5km; p-P, n158, s1911/158, mb4.6/64, MS4.0/32, 9C-1D, Nicobar Islands region

Main table of station data with columns: Code, Station Name, Az, Phase, ID, Time, Res, and other parameters. Lists numerous stations across various regions.

Main table of station data (continued) with columns: Code, Station Name, Time, Res, and other parameters. Lists numerous stations across various regions.

Main table of station data (continued) with columns: Code, Station Name, Time, Res, and other parameters. Lists numerous stations across various regions.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LBTH Lobatse, VYHS Vyhne, ARCES ARCES Array B, BOSHA Boshof, etc.

ISCJB 01 19:41:09.5:0.4, 39:31N:0:03:29:15E:0:03, h10km, Error ellipse: s-maj=3.8km s-min=3.4km az=1.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GDZ Gediz, DEMI Demirci, DURS Dursunbey, etc.

ISC 01 19:52:29.0:0.6, 7:69N:94:46E, h0km, mb3.9/13, mb1.3/9/15, mb1mx3.7/26, mbtmp3.8/15, ML3.2/1, MS3.2/1, Ms1.3/2.1, ms1mx2.6/40, Error ellipse: s-maj=22.1km s-min=14.7km az=74.0

ISCJB 01 19:52:33.9:2.1, 7:69N:0:06:94:53E:0:10, h48km, 20km, mb4.1/19, Error ellipse: s-maj=17.4km s-min=8.3km az=153.5

NEIC 01 19:52:33.6:0.5, 7:65N:94:46E, h35km, mb4.3/5, Error ellipse: s-maj=14.0km s-min=11.0km az=49.0

ISC 01 19:52:37.4:1.5, 7:69N:0:07:94:57E:0:10, h63km, 15km, n41.1, e1937/41, mb4.1/19, Nicobar Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHTO Chiang Mai, PALK Pallekere, ODAN Odare, TAPN Taplejung, etc.

IDD 01 19:57:52.5:0.6, 31:34N:103:93E, h0km, mb4.2/17, mb1.4/3/19, mb1mx4.2/26, mbtmp4.2/19, ML3.5/2, MS3.7/5, Ms1.3/7.5, ms1mx3.2/42, Error ellipse: s-maj=26.5km s-min=11.9km az=54.0

BUI 01 19:57:53.9, 31:29N:104:06E, h14km, mb4.6/14, mb4.5/23, ML4.4/23, Ms4.3/30, Ms7.4/122

ISCJB 01 19:57:54.6:0.7, 31:28N:103:92E:0:04, h29km, 5km, mb4.4/45, MS3.6/6, Error ellipse: s-maj=5.3km s-min=4.2km az=166.5

MOS 01 19:57:55.2:1.0, 31:34N:103:99E, h32km, mb4.7/24, Error ellipse: s-maj=11.0km s-min=6.2km az=106.7

NEIC 01 19:57:56.2:2.1, 31:39N:103:97E, h25km, 15km, mb4.5/24, Error ellipse: s-maj=7.7km s-min=5.2km az=70.0

ISC 01 19:57:54.6:0.8, 31:33N:102:03:97E:0:03, h13km, 5km, n130, e1292/144, mb4.4/45, MS3.6/6, 12C-1D, Sichuan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHENGDU Chengdu, CD2 Chengdu, CD2 Chengdu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LSA, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, etc.

Table with columns: SVE, comp, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARU Arti, GNI Gani, KIV Kislovodsk, etc.

Table with columns: RLS, Riolos of Patr, 0.20 212, ePb, P, 20 09 12.2 +0.1, etc. Includes stations like RLS Riolos of Patr, LAKA Lakka, etc.

IDC 01 20:11:37.9-4.5, 19:195:176:94W, h0km, mb4.0/4, mb1 4.2/4, mb1mx3.8/1.7, mbtmt4.0/0.4, Error ellipse: s-maj=179.1km s-min=59.8km az=143.0, Fiji Islands region

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

IDC 01 20:14:52.6:2.8, 7:87N:94:69E, h0km, mb3.3/6, mb1 3.4/7, mb1mx3.3/25, mbtmt3.3/7, Error ellipse: s-maj=162.7km s-min=20.0km az=57.0

NEIC 01 20:14:55.9:1.0, 7:53N:94:23E, h35km, mb4.3/1, Error ellipse: s-maj=29.9km s-min=10.6km az=56.0

ISC 01 20:14:56.0:3.1, 7:6N:0:1:94:4E:0:1, h28km, mb2.3km, n14, r1923:16, mb3.8/8, Nicobar Islands region

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

IDC 01 20:29:06.0:1.0, 17:42S:173:97W, h0km, mb4.2/6, mb1 4.5/6, mb1mx4.1/18, mbtmt4.2/6, MS3.7/5, Ms1 3.7/5, ms1mx3.4/19, Error ellipse: s-maj=53.8km s-min=21.0km az=141.0

NEIC 01 20:30:00.9:0.8, 17:25S:173:88W, h10km, mb4.4/2, Error ellipse: s-maj=39.4km s-min=13.9km az=134.0

ISCJB 01 20:30:02.6:0.9, 17:25S:0:2:173:9W:0:2, h33km, mb4.4/9, MS3.7/4, Error ellipse: s-maj=32.8km s-min=8.6km az=39.9

ISC 01 20:30:04.6:0.9, 17:35S:0:1:173:9W:0:2, h35km, n27, r1509:15, mb4.9/3, MS3.7/4, 3C, Tonga Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KSRS Korea Arr, PDAR Pinedale Arr, etc.

ISCJB 01 20:46:32.0:0.5, 37:81N:0:02:27:58E:0:06, h10km, Error ellipse: s-maj=6.3km s-min=3.1km az=1.2

DDA 01 20:46:31.9, 37:81N:27:62E, h7km, mb3.0, MD3.0, ISK 01 20:46:31.9, 37:81N:27:59E, h4km, MD3.1

CSEM 01 20:46:32.0:2, 37:82N:27:62E, h2km, MD3.0, Error ellipse: s-maj=6.2km s-min=3.4km az=96.0

ISC 01 20:46:32.6:0.5, 37:81N:0:02:27:61E:0:06, h2km, mb7km, n32, r052/38, Turkey

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

ISCJB 01 20:59:34.2:0.5, 40:64N:0:03:21:44E:0:05, h15km, 11km, Error ellipse: s-maj=6.6km s-min=5.0km az=166.8

CSEM 01 20:59:34.1, 40:65N:21:45E, h14km, ML3.0/2, After THE THE 01 20:59:34.1, 40:65N:21:45E, h14km, 1km, ML3.0/2, Error ellipse: s-maj=1.3km s-min=0.5km az=22.0

SKO 01 20:59:34.0, 40:75N:21:41E, h19km, M1.5, ML1.8, Error ellipse: s-maj=39.0km s-min=10.6km az=137.0

ISC 01 20:59:34.0:0.6, 40:65N:0:03:21:47E:0:05, h18km, 5km, n18, r09/60/32, Greece

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

OHR Ohrid, comp=N, 31nm, 0.2s, elg, 20 59 58.5

OHR Ohrid, comp=E, 38nm, 0.3s, 0.69 313 P, 20 59 46.9 -0.5

OHR Ohrid, comp=N, 78nm, 0.2s, 0.39 344 P, 20 59 41.3 -0.7

OHR Ohrid, comp=N, 12nm, 0.2s, 0.39 344 P, 20 59 41.3 -0.7

VAY Valandovo, comp=E, 15nm, 0.2s, 1.07 51 P, 20 59 55.5 +0.8

VAY Vay, comp=E, 10nm, 0.5s, 0.40 43 P, 21 00 08.3 -0.5

VAY Vay, comp=N, 19nm, 0.5s, 1.16 159 P, 21 00 55.2 0.0

AOS Alonnisos, 0.40 43 P, 21 08 43.2 +0.9

ATH 01 20:09:05.5, 38:24N:21:56E, h30km, MD2.6/7, ML2.3, Error ellipse: s-maj=6.3km s-min=4.9km az=151.1

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AOS Alonnisos, ATAL Atalanti, LKR Lokris, etc.

ISC/JB 01 21:10:45.1±0.5, 0.28N:0.07x121.99E:0.08, h193km, 5km, mb3.5/8, Error ellipse: s-maj=14.4km s-min=10.2km az=155.8

NEIC 01 21:10:46.8±0.4, 0.38N:122.20E, h194km, 55km, mb3.5/4, Error ellipse: s-maj=22.7km s-min=9.3km az=49.0

IDC 01 21:10:47.5±0.0, 0.33N:122.14E, h197km, 71km, mb3.2/5, mb1 3.3/6, mb1mx3.0/22, mbtrmp3.2/6, Error ellipse: s-maj=89.4km s-min=15.5km az=64.0

DJA 01 21:10:47.0±0.3, 0.33N:121.96E, h165km, MLV3.5/4, Error ellipse: s-maj=14.4km s-min=10.2km az=155.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MRSI Marisa, APPI Ampana, LUWI Luwuk, etc.

IDC 01 21:22:44.8±0.4, 6.228S:66.77W, h48km, 38km, mb1 3.8/3, mb1mx3.5/16, mbtrmp3.7/3, ML3.6/3, Error ellipse: s-maj=72.1km s-min=34.2km az=56.0, Jujuy Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CEN1 Los Morros, HMBC Humberston, MNMC Misa Misa, etc.

NEIC 01 21:43:41.5±0.2, 68S:66.97W, h250km, mb3.7/2, After GUC

GUC 01 21:43:41.5±0.4, 22.68S:66.97W, h250km, ML4.1, 5C, Jujuy Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PB04 Plate Boundary, MACH Machia Elena, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LCO Villa Florida, CPUP Nana, NNA Nana, etc.

ISC/JB 01 22:02:31.8±0.7, 37.95N:0.03-21.52E:0.03, h1km, 8km, Error ellipse: s-maj=5.4km s-min=4.5km az=6.3

CSEM 01 22:02:32.0±0.2, 37.96N:21.52E, h8km, MD2.6, Error ellipse: s-maj=3.1km s-min=2.9km az=4.0

ATH 01 22:02:32.5±0.1, 38.01N:21.57E, h4km, MD2 6/5, THE 01 22:02:32.0±0.6, 37.96N:21.52E, h6km, ML2.6/6, Error ellipse: s-maj=1.0km s-min=0.4km az=167.0

ISC 01 22:02:32.3±0.6, 37.96N:0.04-21.51E:0.04, h7km, 6km, n23, 0.67/50, Southern Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RLS Riotos of Patr, LRS Riotos of Patr, LAKA Lakka, etc.

ISC/JB 01 22:07:27.4±0.5, 36.44N:0.03-71.32E:0.05, h108km, 7km, mb3.8/8, Error ellipse: s-maj=6.3km s-min=4.1km az=161.0

NEIC 01 22:07:29.4±0.8, 36.51N:71.11E, h98km, 9km, mb3.7/5, Error ellipse: s-maj=14.6km s-min=7.1km az=140.0

NNC 01 22:07:33.4±0.6, 36.85N:70.89E, h95km, 59km, mb3.4, mb3.8, Error ellipse: s-maj=35.9km s-min=27.2km az=18.0

IDC 01 22:07:35.7±0.5, 36.98N:71.05E, h130km, 52km, mb3.3/3, mb1 3.4/8, mb1mx3.2/26, mbtrmp3.3/8, Error ellipse: s-maj=59.6km s-min=32.3km az=6.0

ISC 01 22:07:28.6±0.4, 36.41N:0.03-71.31E:0.05, h107km, 7km, n57, 0.18/73, mb3.8/8, 6C-1D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KBL Kabul, KBL KBL, CHCP Chirah Chowk, etc.

EKS2 AAK Ala-Archa SNR=6 6.68 21 P Pn 22 09 12.0 -2.8

AAK Ala-Archa SNR=6 6.68 21 P Pn 22 09 05.4 +1.3

AAK Ala-Archa SNR=6 6.68 21 P Pn 22 10 18.0 -0.7

KK31 Karatay Array 6.71 355 P Pn 22 09 04.0 -0.5

SDNR Sundarnagar 6.79 135 ePKP Pn 22 09 05.5 -0.2

TKM2 Tokmak 2 7.29 26 P Pn 22 09 13.0 +0.7

TKM2 Tokmak 2 7.29 26 P Pn 22 09 33.1 -0.3

TKM2 Tokmak 2 7.29 26 P Pn 22 09 13.3 +0.9

KLP Kalpa 7.54 128 ePKP Pn 22 09 18.6 +2.7

DDI Dehra Dun 8.29 135 ePKP Pn 22 11 01.0 +3.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PKIN Pulchoki, PKI Pulchoki, GUN Kurchatov, etc.

KRSC 01 22:12:29.7±1.3, 49.32N:166.63E, h32km, 31km, ML3.8, Kuril Islands

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

IDC 01 22:21:34.4±3.7, 10.84N:91.50E, h0km, mb3.4/4, mb1 3.6/4, mb1mx3.3/22, mbtrmp3.4/4, Error ellipse: s-maj=137.8km s-min=25.1km az=66.0, Andaman Islands region

MKAR Makanchi Array 36.68 349 P Pn 22 28 42.9 0.0

SONM Songin Array 38.95 16 P Pn 22 29 02.0 -0.1

WRM Warramunga Arr 52.09 126 P Pn 22 30 46.2 -0.4

ASAR Alice Springs 53.80 130 P Pn 22 30 59.9 +0.7

CSEM 01 22:44:38.8±37.65N:55.66E, h14km, ML4.4, After THR, Iran-Turkmenistan border region

MRVT Maraveh tapeh 0.34 88 ePKP Pn 22 44 46.0 +2.0

BJRD Bojnurd 1.39 87 ePKP Pn 22 45 04.3 -1.2

DMV Damavand 3.59 237 ePKP Pn 22 45 36.5 +2.5

GHVR Ghom 4.21 247 ePKP Pn 22 45 44.9 +2.4

ASAO Ashtian 5.71 238 ePKP Pn 22 45 52.2 +2.3

ZNJK Zanjan 5.66 262 ePKP Pn 22 46 04.8 +2.4

ISC/JB 01 22:44:39.2±0.7, 59.12N:0.03-27.20E:0.10, h0km, Error ellipse: s-maj=7.2km s-min=4.0km az=2.6

BER 01 22:44:42.5±4.8, 59.22N:27.46E, h0km, 21km, ML2.2(NAO)

NAO 01 22:44:44.2±1.5, 59.34N:27.33E, ML2.2, IDC 01 22:44:45.0±1.0, 59.42N:27.22E, h0km, mb3.5/1, mb1 3.5/6, mb1mx3.3/27, mbtrmp3.5/6, MS3.1/1, Ms1 3.1/1, ms1mx2.1/31, Error ellipse: s-maj=13.8km s-min=8.1km az=76.0

CSEM 01 22:44:47.4±0.4, 59.61N:27.17E, h1km, ML3.0, Error ellipse: s-maj=12.3km s-min=6.0km az=91.0

ISC 01 22:44:40.6±0.6, 59.20N:0.03-27.34E:0.09, h0km, n39, 0.153/59, Baltic States - Belarus - Northwestern Russia

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

| | | | | | | |
|------|---|-----------|------------------|-----|------------|------|
| SOMM | Songino Array | 29.66 291 | P | P | 23 21 14.9 | +0.5 |
| SOMM | | | | | 23 24 18.0 | |
| SOMM | comp=Z,2.0nm,0.7s | | pmx | pmx | | |
| SOMM | comp=Z,635nm,18.2s | | MLR | MLR | | |
| TLY | Talaya | 30.90 300 | eP | pP | 23 21 40.3 | +2.5 |
| TLY | | | e | | 23 22 44.3 | |
| TLY | comp=Z,5.0nm,1.1s,mb4.3 | | eSS | SS | 23 28 35.4 | -3.6 |
| TLY | | | pmx | pmx | | |
| TLY | comp=Z,707nm,16.0s,MS4.4 | | MLR | MLR | | |
| XAN | Xi'an | 32.83 265 | P | P | 23 21 41.4 | -1.1 |
| XAN | | | pP | pP | 23 21 54.0 | -1.0 |
| XAN | | | ScS | ScS | 23 32 06.3 | -0.1 |
| XAN | comp=Z,2.0nm,1.1s,mb4.0 | | pmx | pmx | | |
| XAN | comp=Z,13nm,7.1s | | LR | LR | | |
| XAN | comp=N,140nm,16.9s,MS3.8 | | LR | LR | | |
| XAN | comp=E,89nm,16.9s,MS3.8 | | LR | LR | | |
| XAN | comp=Z,85nm,18.3s,MS3.5 | | LR | LR | | |
| LZH | Lanzhou | 35.42 272 | eP | pP | 23 22 06.2 | +1.2 |
| LZH | | | pP | pP | 23 22 18.9 | +1.3 |
| LZH | | | sp | sp | 23 22 23.0 | -0.2 |
| LZH | | | pP | pP | 23 24 34.8 | +1.0 |
| LZH | | | eS | S | 23 27 36.4 | 0.0 |
| LZH | | | sS | sS | 23 27 57.4 | -0.2 |
| LZH | | | SS | SS | 23 29 58.7 | -1.3 |
| LZH | comp=Z,27nm,1.0s,mb5.1 | | pmx | pmx | | |
| LZH | comp=Z,140nm,5.2s | | LR | LR | | |
| LZH | comp=N,1jm,14.3s | | LR | LR | | |
| LZH | comp=Z,1jm,17.9s,MS4.8 | | LR | LR | | |
| TTA | Tatalina | 35.58 40 | eP | P | 23 22 05.7 | -0.2 |
| GTA | Gaotai | 36.79 279 | pP | pP | 23 22 17.7 | +1.1 |
| GTA | | | pP | pP | 23 22 30.0 | +0.7 |
| GTA | | | sp | sp | 23 22 35.3 | +0.4 |
| GTA | | | pP | pP | 23 23 43.7 | +2.8 |
| GTA | | | pP | pP | 23 24 38.9 | +1.1 |
| GTA | | | ScP | ScP | 23 27 56.7 | -0.5 |
| GTA | | | sS | sS | 23 28 17.5 | -1.0 |
| GTA | | | SS | SS | 23 30 26.3 | -1.3 |
| GTA | comp=Z,33nm,1.0s,mb5.1 | | pmx | pmx | | |
| GTA | comp=Z,120nm,7.4s | | LR | LR | | |
| GTA | comp=N,260nm,16.9s,MS4.3 | | LR | LR | | |
| GTA | comp=E,290nm,15.5s,MS4.3 | | LR | LR | | |
| GTA | comp=Z,430nm,13.7s,MS4.4 | | LR | LR | | |
| RSO | Redoubt South | 37.07 44 | eP | P | 23 22 18.9 | +0.2 |
| KDKA | Kodiak Island | 37.32 48 | P | P | 23 22 19.6 | -1.3 |
| KDKA | Kodiak Island | 37.32 48 | eP | P | 23 22 19.9 | -0.9 |
| KDKA | Kodiak Island | 37.32 48 | eP | P | 23 22 19.8 | -1.0 |
| KDKA | comp=Z,24nm,1.0s,mb5.0 | | | | | |
| BPAW | Bear Paw Mtn. | 37.89 38 | eP | P | 23 22 25.4 | +0.1 |
| CD2 | Chengdu | 38.18 265 | pP | pP | 23 22 28.7 | +0.1 |
| CD2 | | | pP | pP | 23 22 40.6 | -0.6 |
| CD2 | | | sp | sp | 23 22 46.0 | -0.8 |
| CD2 | | | PP | PP | 23 24 00.0 | +3.7 |
| CD2 | | | S | S | 23 28 17.8 | -0.7 |
| CD2 | | | sS | sS | 23 28 38.9 | -0.9 |
| CD2 | | | SS | SS | 23 30 58.4 | -9.2 |
| CD2 | comp=Z,30nm,0.8s,mb5.1 | | pmx | pmx | | |
| CD2 | comp=Z,90nm,5.7s | | LR | LR | | |
| CD2 | comp=N,230nm,11.3s | | LR | LR | | |
| CD2 | comp=Z,240nm,16.0s,MS4.1 | | LR | LR | | |
| PMR | Palmer | 38.72 48 | eP | P | 23 22 32.4 | -0.7 |
| PMR | comp=Z,20nm,0.6s,mb5.0 | | pmx | pmx | | |
| PMR | Palmer | 38.72 48 | eP | P | 23 22 32.4 | -0.7 |
| PMR | comp=Z,20nm,0.6s,mb5.0 | | pmx | pmx | | |
| GYA | Guiyang | 38.80 257 | P | P | 23 22 33.8 | +0.1 |
| GYA | | | pP | pP | 23 22 48.3 | +1.9 |
| GYA | | | sp | sp | 23 22 53.2 | +1.2 |
| GYA | | | PP | PP | 23 24 07.6 | +4.4 |
| GYA | | | pP | pP | 23 24 46.0 | +1.8 |
| GYA | | | ScP | ScP | 23 28 27.6 | -0.3 |
| GYA | | | sS | sS | 23 28 29.0 | +0.7 |
| GYA | | | SS | SS | 23 28 51.2 | +2.0 |
| GYA | | | SS | SS | 23 31 11.0 | -9.2 |
| GYA | comp=Z,20nm,0.8s,mb4.9 | | pmx | pmx | | |
| GYA | comp=Z,120nm,4.6s | | LR | LR | | |
| GYA | comp=N,560nm,17.0s,MS4.5 | | LR | LR | | |
| GYA | comp=E,450nm,18.4s,MS4.5 | | LR | LR | | |
| GYA | comp=Z,580nm,16.9s,MS4.5 | | LR | LR | | |
| COLA | College | 39.26 37 | eP | P | 23 22 36.8 | -0.2 |
| COLA | comp=Z,20nm,0.8s,mb4.9 | | pmx | pmx | | |
| COLA | College | 39.26 37 | eP | P | 23 22 36.8 | -0.3 |
| COLA | comp=Z,20nm,0.8s,mb4.9 | | pmx | pmx | | |
| QIZ | Qiongzong | 41.73 245 | P | P | 23 22 56.9 | -1.0 |
| QIZ | | | sp | sp | 23 23 15.0 | -1.4 |
| QIZ | | | S | S | 23 29 12.3 | +0.6 |
| QIZ | comp=Z,24nm,1.4s,mb4.6 | | pmx | pmx | | |
| QIZ | comp=Z,100nm,6.0s | | LR | LR | | |
| QIZ | comp=N,250nm,19.1s | | LR | LR | | |
| QIZ | comp=Z,270nm,18.7s,MS4.2 | | LR | LR | | |
| ZALV | Zalesovo Beam | 41.74 307 | P | P | 23 22 56.2 | -1.5 |
| ZALV | comp=Z,0.4nm,0.3s,mb3.5,baz=90 | | slow=6.2,SNR=3.3 | | | |
| ZALV | comp=Z,4.9nm,0.7s,baz=80,slow=3.0,SNR=18 | | PcP | PcP | 23 24 53.2 | 0.0 |
| ZALV | comp=Z,3.4nm,0.8s,baz=81,slow=3.4,SNR=7.3 | | ScP | ScP | 23 25 05.8 | |
| ZALV | comp=Z,0.8nm,0.7s,baz=68,slow=5.3,SNR=3.6 | | ScP | ScP | 23 28 39.9 | +0.6 |
| ZALV | comp=Z,301nm,18.1s,MS4.2,baz=306,slow=38 | | LR | LR | 23 41 34.6 | |
| ZALV | Zalesovo Beam | 41.74 307 | P | P | 23 22 56.2 | -1.5 |
| ZALV | | | | | 23 24 53.3 | |
| ZALV | | | | | 23 25 05.9 | |
| ZALV | comp=Z,301nm,18.1s,MS4.2 | | MLR | MLR | | |
| ZALV | Zalesovo Beam | 41.74 307 | P | P | 23 22 56.2 | -1.5 |
| ZALV | | | pP | pP | 23 24 53.2 | 0.0 |
| ZALV | | | pP | pP | 23 25 05.8 | |
| ZALV | | | ScP | ScP | 23 28 39.9 | +0.6 |
| ZALV | | | LR | LR | 23 41 34.6 | |
| EGAK | Eagle | 42.12 37 | eP | P | 23 22 59.9 | -0.7 |
| KMI | Kunming | 42.38 258 | P | P | 23 23 04.3 | +1.1 |
| KMI | | | pP | pP | 23 23 17.5 | +1.4 |
| KMI | | | sp | sp | 23 23 23.0 | +1.4 |
| KMI | | | PP | PP | 23 23 26.2 | +4.2 |
| KMI | | | S | S | 23 29 21.1 | -0.1 |
| KMI | | | sS | sS | 23 29 44.0 | +1.3 |
| KMI | | | SS | SS | 23 32 24.0 | +7.3 |
| KMI | comp=Z,10.0nm,1.1s,mb4.4 | | pmx | pmx | | |
| KMI | comp=Z,54nm,4.2s | | LR | LR | | |
| KMI | comp=N,160nm,19.0s,MS4.1 | | LR | LR | | |
| KMI | comp=E,190nm,18.3s,MS4.1 | | LR | LR | | |
| KMI | comp=Z,210nm,16.1s,MS4.1 | | LR | LR | | |
| DAWY | Dawson | 42.97 38 | eP | P | 23 23 07.2 | -0.3 |
| WMQ | Urumqi | 43.29 292 | P | P | 23 23 12.1 | +1.7 |
| WMQ | | | pP | pP | 23 23 24.4 | +1.1 |
| WMQ | | | sp | sp | 23 23 29.8 | +0.9 |

| | | | | | | |
|------|--|-----------|-----|-----|------------|------|
| WMQ | | | PP | PP | 23 24 55.4 | +3.9 |
| WMQ | | | PcP | PcP | 23 25 01.1 | +2.5 |
| WMQ | | | eS | S | 23 29 35.8 | +1.6 |
| WMQ | | | SS | SS | 23 32 43.1 | -5.5 |
| WMQ | | | ScS | ScS | 23 33 05.6 | -0.3 |
| WMQ | comp=Z,1.1nm,1.0s,mb4.5 | | pmx | pmx | | |
| WMQ | comp=Z,140nm,5.4s | | LR | LR | | |
| WMQ | comp=N,370nm,16.8s,MS4.4 | | LR | LR | | |
| WMQ | comp=E,230nm,18.5s,MS4.4 | | LR | LR | | |
| WMQ | comp=Z,330nm,19.0s,MS4.3 | | LR | LR | | |
| HYT | Haines Junction | 44.45 42 | eP | P | 23 23 21.0 | +1.5 |
| INK | Inuvik | 44.67 31 | eP | P | 23 23 20.9 | -0.2 |
| INK | comp=Z,12nm,0.9s | | pmx | pmx | | |
| INK | comp=Z,12nm,0.9s,mb4.7 | | eP | P | 23 23 20.9 | -0.2 |
| MK31 | Makanchi Array | 45.61 298 | eP | P | 23 23 28.9 | 0.0 |
| MK31 | | | eP | P | 23 25 18.1 | |
| MKAR | Makanchi Array | 45.61 298 | eP | P | 23 23 28.6 | -0.3 |
| MKAR | comp=Z,7.0nm,0.6s,mb4.8,baz=75,slow=8.6,SNR=81 | | PcP | PcP | 23 25 06.5 | 0.0 |
| MKAR | comp=Z,3.1nm,0.7s,baz=69,slow=6.6,SNR=3.5 | | pP | pP | 23 25 18.8 | |
| MKAR | comp=Z,2.8nm,0.7s,baz=61,slow=5.7,SNR=4.2 | | LR | LR | 23 43 54.4 | |
| MKAR | Makanchi Array | 45.61 298 | P | P | 23 23 28.6 | -0.3 |
| MKAR | | | pmx | pmx | 23 25 18.8 | |
| MKAR | comp=Z,2.8nm,0.7s,baz=61,slow=5.7,SNR=4.2 | | LR | LR | 23 43 54.4 | |
| MKAR | Makanchi Array | 45.61 298 | P | P | 23 23 28.6 | -0.3 |
| MKAR | | | pmx | pmx | 23 25 18.8 | |
| MKAR | comp=Z,7.0nm,0.6s | | pmx | pmx | | |
| MKAR | comp=Z,3.0nm,0.7s | | MLR | MLR | | |
| MKAR | comp=Z,876nm,18.3s | | MLR | MLR | | |
| MKAR | Makanchi Array | 45.61 298 | P | P | 23 23 28.6 | -0.3 |
| MKAR | | | PcP | PcP | 23 25 06.5 | 0.0 |
| MKAR | | | pP | pP | 23 25 18.8 | |
| MKAR | | | pP | pP | 23 43 54.4 | |
| MKAR | | | LR | LR | 23 43 54.4 | |
| MKAR | Makanchi Array | 45.61 298 | P | P | 23 23 28.6 | -0.3 |
| MKAR | | | pmx | pmx | 23 25 18.8 | |
| MKAR | comp=Z,7.0nm,0.6s | | pmx | pmx | | |
| MKAR | comp=Z,3.0nm,0.7s | | MLR | MLR | | |
| MKAR | comp=Z,876nm,18.3s | | MLR | MLR | | |
| MKAR | Makanchi Array | 45.61 298 | P | P | 23 23 28.6 | -0.3 |
| MKAR | | | PcP | PcP | 23 25 06.5 | 0.0 |
| MKAR | | | pP | pP | 23 25 18.8 | |
| MKAR | | | pP | pP | 23 43 54.4 | |
| MKAR | | | LR | LR | 23 43 54.4 | |
| MKAR | Makanchi Array | 45.61 298 | P | P | 23 23 28.6 | -0.3 |
| MKAR | | | pmx | pmx | 23 25 18.8 | |
| MKAR | comp=Z,7.0nm,0.6s | | pmx | pmx | | |
| MKAR | comp=Z,3.0nm,0.7s | | MLR | MLR | | |
| MKAR | comp=Z,876nm,18.3s | | MLR | MLR | | |
| MKAR | Makanchi Array | 45.61 298 | P | P | 23 23 28.6 | -0.3 |
| MKAR | | | PcP | PcP | 23 25 06.5 | 0.0 |
| MKAR | | | pP | pP | 23 25 18.8 | |
| MKAR | | | pP | pP | 23 43 54.4 | |
| MKAR | | | LR | LR | 23 43 54.4 | |
| MKAR | Makanchi Array | 45.61 298 | P | P | 23 23 28.6 | -0.3 |
| MKAR | | | pmx | pmx | 23 25 18.8 | |
| MKAR | comp=Z,7.0nm,0.6s | | pmx | pmx | | |
| MKAR | comp=Z,3.0nm,0.7s | | MLR | MLR | | |
| MKAR | comp=Z,876nm,18.3s | | MLR | MLR | | |
| MKAR | Makanchi Array | 45.61 298 | P | P | 23 23 28.6 | -0.3 |
| MKAR | | | PcP | PcP | 23 25 06.5 | 0.0 |
| MKAR | | | pP | pP | 23 25 18.8 | |
| MKAR | | | pP | pP | 23 43 54.4 | |
| MKAR | | | LR | LR | 23 43 54.4 | |
| MKAR | Makanchi Array | 45.61 298 | P | P | 23 23 28.6 | -0.3 |
| MKAR | | | pmx | pmx | 23 25 18.8 | |
| MKAR | comp=Z,7.0nm,0.6s | | pmx | pmx | | |
| MKAR | comp=Z,3.0nm,0.7s | | MLR | MLR | | |
| MKAR | comp=Z,876nm,18.3s | | MLR | MLR | | |
| MKAR | Makanchi Array | 45.61 298 | P | P | 23 23 28.6 | -0.3 |
| MKAR | | | PcP | PcP | 23 25 06.5 | 0.0 |
| MKAR | | | pP | pP | 23 25 18.8 | |
| MKAR | | | pP | pP | 23 43 54.4 | |
| MKAR | | | LR | LR | 23 43 54.4 | |
| MKAR | Makanchi Array | 45.61 298 | P | P | 23 23 28.6 | -0.3 |
| MKAR | | | pmx | pmx | 23 25 18.8 | |
| MKAR | comp=Z,7.0nm,0.6s | | pmx | pmx | | |
| MKAR | comp=Z,3.0nm,0.7s | | MLR | MLR | | |
| MKAR | comp=Z,876nm,18.3s | | MLR | MLR | | |
| MKAR | Makanchi Array | 45.61 298 | P | P | 23 23 28.6 | -0.3 |
| MKAR | | | PcP | PcP | 23 25 06.5 | 0.0 |
| MKAR | | | pP | pP | 23 25 18.8 | |
| MKAR | | | pP | pP | 23 43 54.4 | |
| MKAR | | | LR | LR | 23 43 54.4 | |
| MKAR | Makanchi Array | 45.61 298 | P | P | 23 23 28.6 | -0.3 |
| MKAR | | | pmx | pmx | 23 25 18.8 | |
| MKAR | comp=Z,7.0nm,0.6s | | pmx | pmx | | |
| MKAR | comp=Z,3.0nm,0.7s | | MLR | MLR | | |
| MK | | | | | | |

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Table with columns: ID, Name, Date, Time, Status, and other details. Rows include FFC Flin Flon, G13A Cobalt, E15A Deer Lodge, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Rows include RR12 Red Ridge, M14A Sheep Mountain, TP14A Teton Pass, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Rows include N20A Spence Gulch, U14A Mt Trumbull, RSSD Black Hills, etc.

| | | | | | |
|------|---|-----------|----|---|-----------------|
| 120A | baz=35,SNR=7.2 U Bar Ranch, L | 34.52 319 | ↑P | P | 01 00 17.1 +1.1 |
| 219A | baz=35,SNR=22 White Tail Can | 34.59 318 | ↑P | P | 01 00 17.0 +0.4 |
| 318A | baz=35,SNR=7.8 Bisbee | 34.74 316 | ↑P | P | 01 00 18.0 +0.1 |
| ANMO | comp=N,3.5nm,0.8s,mb4.9 Albuquerque | 34.81 324 | ↑P | P | 01 00 18.4 -0.1 |
| Z20A | baz=35,SNR=22 Nine Sixteen R | 34.86 320 | ↑P | P | 01 00 19.9 +1.0 |
| Y21A | baz=35,SNR=11 Point of Rocks | 34.88 322 | ↑P | P | 01 00 20.1 +1.0 |
| 119A | baz=35,SNR=10 Ashpeak Ranch, | 35.10 319 | ↑P | P | 01 00 21.8 +0.8 |
| 218A | baz=35,SNR=10 Dragoon | 35.10 317 | ↑P | P | 01 00 21.5 +0.5 |
| U24A | baz=35,SNR=10 Moreno Valley | 35.22 327 | ↑P | P | 01 00 22.9 +1.0 |
| X21A | baz=35,SNR=22 Alamocita Cree | 35.24 322 | ↑P | P | 01 00 22.7 +0.5 |
| Y20A | baz=35,SNR=10 Horse Springs, | 35.24 321 | ↑P | P | 01 00 23.4 +1.2 |
| T25A | baz=35,SNR=10 Trinidad | 35.32 329 | ↑P | P | 01 00 23.4 +0.6 |
| Z19A | baz=35,SNR=10 T-Link Ranch, | 35.41 320 | ↑P | P | 01 00 23.6 0.0 |
| 118A | baz=35,SNR=6.2 Homack Ranch, | 35.45 318 | ↑P | P | 01 00 24.6 +0.5 |
| JFWS | comp=N,7.3nm,0.8s,mb4.7 Jewell Farm | 35.65 350 | eP | P | 01 00 24.6 -1.0 |
| U23A | baz=35,SNR=6.5 El Ritto | 35.66 322 | ↑P | P | 01 00 26.0 +0.2 |
| X20A | baz=35,SNR=6.5 Quemado | 35.74 322 | ↑P | P | 01 00 27.0 +0.5 |
| TUC | comp=N,4.4nm,1.0s,mb4.3 Tucson | 35.80 317 | eP | P | 01 00 27.6 +0.6 |
| Y19A | baz=35,SNR=13 Nutrioso | 35.83 320 | ↑P | P | 01 00 28.2 +1.0 |
| 117A | baz=35,SNR=13 Oracle | 35.93 317 | ↑P | P | 01 00 28.6 +0.4 |
| U22A | baz=35,SNR=13 Llaves | 36.06 326 | ↑P | P | 01 00 29.9 +0.7 |
| 216A | baz=35,SNR=13 Three Points, | 36.08 316 | ↑P | P | 01 00 29.9 +0.4 |
| T23A | baz=35,SNR=13 Casias Ranch, | 36.09 327 | ↑P | P | 01 00 30.3 +0.8 |
| V21A | baz=35,SNR=13 Milan | 36.10 324 | ↑P | P | 01 00 29.9 +0.4 |
| S24A | baz=35,SNR=13 Houchin Ranch, | 36.12 329 | ↑P | P | 01 00 30.1 +0.4 |
| W20A | baz=35,SNR=13 Ramah | 36.14 323 | ↑P | P | 01 00 30.6 +0.7 |
| X19A | baz=35,SNR=13 St. John | 36.16 321 | ↑P | P | 01 00 31.0 +0.9 |
| Y18A | baz=35,SNR=8.0 Canyon Day Jun | 36.21 319 | ↑P | P | 01 00 31.3 +0.8 |
| SDCO | comp=N,2.5nm,2.2s,mb4.8 Great Sand Dun | 36.34 329 | eP | P | 01 00 31.9 +0.3 |
| T22A | baz=35,SNR=8.0 Edith | 36.55 326 | ↑P | P | 01 00 33.9 +0.6 |
| 116A | baz=35,SNR=8.0 Eloy | 36.58 316 | ↑P | P | 01 00 34.0 +0.3 |
| V20A | baz=35,SNR=8.0 Brimhall | 36.58 323 | ↑P | P | 01 00 34.3 +0.7 |
| X18A | baz=35,SNR=6.0 Snowflake | 36.64 321 | ↑P | P | 01 00 34.8 +0.6 |
| Y17A | baz=35,SNR=6.0 Rosevelt | 36.68 319 | ↑P | P | 01 00 34.7 +0.2 |
| V19A | baz=35,SNR=6.0 Window Rock | 36.86 323 | ↑P | P | 01 00 37.0 +0.9 |
| T21A | baz=35,SNR=6.0 Navajo Lake | 36.88 326 | ↑P | P | 01 00 36.8 +0.6 |
| W18A | baz=35,SNR=5.8 Petrified Fore | 36.88 321 | ↑P | P | 01 00 37.1 +0.9 |
| 215A | baz=35,SNR=7.1 Organ Pipe Nat | 37.00 315 | ↑P | P | 01 00 37.5 +0.8 |
| 114A | baz=35,SNR=7.1 Sonoran Desert | 37.02 316 | ↑P | P | 01 00 37.5 +0.1 |
| S22A | baz=35,SNR=7.1 4UR Ranch, Cre | 37.04 327 | ↑P | P | 01 00 38.1 +0.6 |
| X17A | baz=35,SNR=8.2 Forest Lakes | 37.06 320 | ↑P | P | 01 00 39.1 +1.4 |
| Y16A | baz=35,SNR=5.7 Circle Bar Ran | 37.21 318 | ↑P | P | 01 00 39.8 +0.7 |
| U19A | baz=35,SNR=5.7 Dine' College, | 37.35 323 | ↑P | P | 01 00 40.9 +0.7 |
| R22A | baz=35,SNR=5.7 Saguache, Gunn | 37.36 328 | ↑P | P | 01 00 40.5 +0.2 |
| V18A | baz=35,SNR=5.7 Ganado | 37.40 322 | ↑P | P | 01 00 40.8 +0.2 |
| W17A | baz=35,SNR=5.7 Winslow | 37.47 321 | ↑P | P | 01 00 41.7 +0.5 |
| 114A | baz=35,SNR=5.4 Black Gap (USA | 37.50 316 | ↑P | P | 01 00 41.6 +0.1 |
| X16A | baz=35,SNR=8.8 Lo Mia Camp, P | 37.52 319 | ↑P | P | 01 00 42.3 +0.7 |
| MVCO | comp=N,2.5nm,1.3s,mb4.9 Mesa Verde | 37.58 325 | eP | P | 01 00 41.9 -0.2 |
| T19A | baz=35,SNR=10 Beclabito | 37.61 324 | ↑P | P | 01 00 42.9 +0.5 |
| U18A | baz=35,SNR=10 Rough Rock, Ch | 37.83 323 | ↑P | P | 01 00 45.0 +0.8 |
| ECSD | comp=N,5.2nm,1.1s,mb4.2 EROS Data Cent | 37.87 343 | eP | P | 01 00 44.5 +0.1 |
| V17A | baz=35,SNR=35 Tonalea, Kykot | 37.87 321 | ↑P | P | 01 00 45.2 +0.7 |
| Z14A | baz=35,SNR=35 Wintersburg | 37.89 316 | ↑P | P | 01 00 45.2 +0.4 |
| Q22A | baz=35,SNR=35 Crested Butte, | 37.91 328 | ↑P | P | 01 00 45.3 +0.4 |
| W16A | baz=35,SNR=35 Flagstaff | 38.00 320 | ↑P | P | 01 00 46.3 +0.6 |
| X15A | baz=35,SNR=7.5 Humboldt | 38.08 319 | ↑P | P | 01 00 46.9 +0.5 |
| WUAZ | comp=N,2.3nm,1.0s,mb4.9 Wupakti | 38.16 321 | eP | P | 01 00 48.5 +1.4 |
| SMCO | comp=N,5.4nm,1.1s,mb4.2 Snowmass | 38.18 329 | eP | P | 01 00 48.1 +1.0 |
| Y14A | baz=35,SNR=9.4 Wickenburg | 38.26 317 | ↑P | P | 01 00 48.4 +0.4 |
| PV01 | comp=N,22.2nm,1.0s Paradox Valley | 38.27 326 | eP | P | 01 00 48.3 +0.4 |
| Z13A | baz=35,SNR=7.9 Yuma Proving G | 38.28 316 | ↑P | P | 01 00 48.0 -0.2 |
| S19A | baz=35,SNR=6.8 Harvey Farm, M | 38.31 325 | ↑P | P | 01 00 48.8 +0.5 |
| T18A | baz=35,SNR=7.1 Mexican Hat | 38.32 324 | ↑P | P | 01 00 48.3 -0.1 |
| U17A | baz=35,SNR=7.1 Shonto | 38.43 322 | ↑P | P | 01 00 50.1 +0.9 |
| X14A | baz=35,SNR=7.0 Yava | 38.50 318 | ↑P | P | 01 00 51.8 +0.2 |
| W15A | baz=35,SNR=9.4 Williams | 38.52 319 | ↑P | P | 01 00 51.2 +1.1 |
| Y13A | baz=35,SNR=9.4 Salome | 38.75 316 | ↑P | P | 01 00 52.2 +0.1 |
| S18A | baz=35,SNR=9.4 Hurst Farm, BI | 38.77 324 | ↑P | P | 01 00 52.5 +0.4 |
| T17A | baz=35,SNR=6.8 Navajo Res., N | 38.77 323 | ↑P | P | 01 00 52.5 +0.3 |
| V15A | baz=35,SNR=6.8 Kaibab Nationa | 38.86 320 | ↑P | P | 01 00 53.8 +0.9 |
| GLA | comp=N,19nm,1.0s,mb4.8 Glamis | 39.02 315 | ↑P | P | 01 00 54.4 +0.1 |
| GLA | comp=N,19nm,1.0s,mb4.8 Glamis | 39.02 315 | eP | P | 01 00 55.0 +0.7 |
| W14A | baz=35,SNR=6.9 Seligman | 39.07 319 | ↑P | P | 01 00 55.5 +0.8 |
| R18A | baz=35,SNR=6.9 Canyonlands Na | 39.19 325 | ↑P | P | 01 00 55.9 +0.3 |
| T16A | baz=35,SNR=6.9 Glen Canyon Da | 39.19 322 | ↑P | P | 01 00 56.5 +0.9 |
| Y12C | baz=35,SNR=6.9 Blythe | 39.19 316 | ↑P | P | 01 00 56.2 +0.5 |
| PDMC | comp=N,2.3nm,0.7s,mb4.5,SNR=8.8 Parker Dam,Lak | 39.24 317 | ↑P | P | 01 00 56.3 +0.2 |
| V14A | baz=35,SNR=20 Boquillas Ranc | 39.34 319 | ↑P | P | 01 00 58.0 +1.1 |
| W13A | baz=35,SNR=20 Hualapai Mount | 39.53 318 | ↑P | P | 01 00 59.0 +0.5 |
| N21A | baz=35,SNR=20 Black Mountain | 39.65 330 | ↑P | P | 01 01 00.4 +1.0 |
| SWSC | baz=35,SNR=20 Sam W. Stewart | 39.65 314 | ↑P | P | 01 01 00.0 +0.5 |
| R17A | baz=35,SNR=20 Hanksville Air | 39.67 325 | ↑P | P | 01 00 59.8 +0.1 |
| S16A | baz=35,SNR=20 Weppner Ranch, | 39.73 323 | ↑P | P | 01 01 00.7 +0.6 |
| T15A | baz=40,SNR=8.8 Red Dirt Ranch | 39.75 322 | ↑P | P | 01 01 01.0 +0.7 |
| BC3 | baz=40,SNR=8.8 Big Chuckawall | 39.79 315 | ↑P | P | 01 01 00.7 0.0 |
| Q18A | baz=40,SNR=8.8 Rafter H Ranch | 39.82 326 | ↑P | P | 01 01 01.3 +0.4 |
| IRM | baz=40,SNR=8.8 Iron Mountain | 39.85 316 | ↑P | P | 01 01 01.4 +0.2 |
| U14A | baz=40,SNR=7.9 Mt Trumbull | 39.87 320 | ↑P | P | 01 01 01.8 +0.5 |
| R16A | baz=40,SNR=7.9 Cireya | 40.03 324 | ↑P | P | 01 01 03.0 +0.4 |
| V13A | baz=40,SNR=17 Grand Canyon W | 40.04 319 | ↑P | P | 01 01 03.5 +0.8 |
| SRU | baz=40,SNR=6.9 San Rafael | 40.04 326 | ↑P | P | 01 01 03.2 +0.5 |
| SRU | baz=40,SNR=6.9 San Rafael | 40.04 326 | eP | P | 01 01 03.1 +0.4 |
| MONP | comp=N,6.0nm,0.6s,mb4.5 Monument Peak | 40.07 313 | ↑P | P | 01 01 03.2 +0.1 |
| L22A | baz=40,SNR=6.7 Ellis Ranch, M | 40.10 332 | ↑P | P | 01 01 03.8 +0.7 |
| RWWY | comp=N,5.3nm,2.2s,mb4.9 Rawlins | 40.20 331 | eP | P | 01 01 03.6 -0.4 |
| T14A | baz=40,SNR=6.7 Hurricane | 40.21 321 | ↑P | P | 01 01 05.0 +0.9 |
| P18A | baz=40,SNR=6.7 Preston Nutter | 40.25 326 | ↑P | P | 01 01 05.1 +0.7 |
| BELC | baz=40,SNR=6.7 Belle Mtn. Jos | 40.35 315 | ↑P | P | 01 01 05.6 +0.2 |
| U13A | baz=40,SNR=6.7 Pakoon Wash | 40.37 320 | ↑P | P | 01 01 06.3 +0.9 |
| P17A | baz=40,SNR=6.7 Butcher Ranch, | 40.41 326 | ↑P | P | 01 01 06.5 +0.7 |
| R15A | baz=40,SNR=6.7 Junction | 40.45 323 | ↑P | P | 01 01 06.7 +0.5 |
| L21A | baz=40,SNR=6.7 Rawlins | 40.49 331 | ↑P | P | 01 01 06.2 -0.1 |
| V12A | baz=40,SNR=6.7 Nelson | 40.54 318 | ↑P | P | 01 01 07.1 +0.2 |
| GMRC | comp=N,9.5nm,1.2s,mb4.3 Granite Mounta | 40.55 316 | ↑P | P | 01 01 07.5 +0.5 |
| MSU | baz=40,SNR=6.7 Marysvalle | 40.59 323 | eP | P | 01 01 08.3 +1.0 |
| CCUT | comp=N,9.5nm,1.2s,mb4.3 Cedar City | 40.69 321 | eP | P | 01 01 09.1 +1.0 |
| T13A | baz=40,SNR=6.7 Sait George | 40.70 320 | ↑P | P | 01 01 09.2 +1.0 |
| S14A | baz=40,SNR=6.7 Cedar City | 40.70 322 | ↑P | P | 01 01 08.6 +0.4 |
| RSSD | baz=40,SNR=6.7 Deer Hills | 40.76 336 | eP | P | 01 01 08.1 -0.4 |
| O17A | baz=40,SNR=6.7 Robinson Place | 40.92 327 | ↑P | P | 01 01 10.4 +0.5 |
| V11A | baz=40,SNR=6.7 Goodsprings | 40.99 318 | ↑P | P | 01 01 10.7 +0.1 |
| MURC | comp=N,9.5nm,1.2s,mb4.3 Murietta | 41.00 314 | ↑P | P | 01 01 10.4 -0.3 |
| S13A | baz=40,SNR=6.7 Holt Ranch, En | 41.02 321 | ↑P | P | 01 01 12.1 +1.3 |
| HEC | baz=40,SNR=6.7 Hector Ludlow | 41.03 316 | ↑P | P | 01 01 11.4 +0.4 |
| DAU | comp=N,15nm,1.6s,mb4.4 Daniels Canyon | 41.35 326 | eP | P | 01 01 14.1 +0.6 |
| R13A | comp=N,9.5nm,1.2s,mb4.3 O'Grain Ranch, | 41.46 322 | ↑P | P | 01 01 15.4 +1.0 |
| CFAA | comp=N,9.5nm,1.2s,mb4.3 Coronel Fontan | 41.49 161 | P | P | 01 01 10.5 -4.2 |
| Q14A | comp=N,9.5nm,1.2s,mb4.3 Sevier Lake (B | 41.55 323 | ↑P | P | 01 01 15.9 +0.7 |
| GSC | baz=40,SNR=6.5 Goldstone | 41.62 316 | ↑P | P | 01 01 16.0 +0.2 |
| GSC | baz=40,SNR=6.5 Goldstone | 41.62 316 | eP | P | 01 01 16.6 +0.8 |
| S12A | comp=N,13nm,1.1s,mb4.5 Delmar Landin | 41.65 320 | ↑P | P | 01 01 16.9 +0.8 |
| T11A | baz=40,SNR=6.5 Corn Creek, AI | 41.67 320 | ↑P | P | 01 01 16.9 +0.7 |
| L18A | baz=40,SNR=6.5 Fontelle, Gr | 41.78 329 | ↑P | P | 01 01 16.1 -0.9 |
| M17A | baz=40,SNR=6.5 Scullys Gap (B | 41.78 328 | ↑P | P | 01 01 16.2 -0.8 |
| P14A | baz=40,SNR=6.5 Drum Mountains | 41.82 324 | ↑P | P | 01 01 17.9 +0.5 |
| K19A | baz=40,SNR=6.5 Absolon Red Bu | 41.86 331 | ↑P | P | 01 01 16.7 -0.9 |
| U10A | baz=40,SNR=6.5 Ash Meadows, A | 41.92 318 | ↑P | P | 01 01 18.5 +0.3 |
| AGMN | comp=N,7.8nm,1.1s,mb4.2 Agassiz Nation | 41.93 347 | eP | P | 01 01 16.7 -1.4 |
| Q13A | baz=40,SNR=6.5 Wheeler Ranch, | 41.98 323 | ↑P | P | 01 01 18.9 +0.3 |
| DUG | comp=N,12nm,1.4s,mb4.3 Dugway | 42.08 325 | eP | P | 01 01 20.2 +0.8 |
| PDAR | comp=N,1.3nm,0.9s,mb3.5,SNR=11 Pinedale Array | 42.16 330 | P | P | 01 01 18.7 -1.4 |
| PDAR | comp=N,1.3nm,0.9s,mb3.5,SNR=11 Boulder Array | 42.16 330 | ↑P | P | 01 03 12.0 -2.1 |
| BW06 | baz=40,SNR=6.5 Boulder Array | 42.16 330 | ↑P | P | 01 01 20.0 -0.1 |
| BW06 | baz=40,SNR=6.5 Boulder Array | 42.16 330 | eP | P | 01 01 19.4 -0.7 |
| EDW2 | baz=40,SNR=6.5 Edwards Air Fo | 42.22 315 | ↑P | P | 01 01 19.8 -0.9 |
| S11A | baz=40,SNR=6.5 Rachel | 42.25 320 | ↑P | P | 01 01 21.2 +0.3 |
| P13A | baz=40,SNR=6.5 Bates Ranch, G | 42.29 323 | ↑P | P | 01 01 22.1 +0.9 |
| FURC | baz=40,SNR=6.5 Furnace Creek, | 42.30 318 | ↑P | P | 01 |

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KNZ Kokohu, BKZ Black Stump Fm, CKZH Cape Kidnapper, etc.

IDC 02 01:46:27.1 ± 0.1, 16.72N x 146.52E, h0km, mb3.5/5, mb1 3.7/5, mb1mx3.5/24, mb1mtmp3.5/5, ML4.9/1, Error ellipse: s-maj=48.0km s-min=21.0km az=107.0, Mariana Islands

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

BJI 02 01:52:34.4 ± 6.85S x 155.75E, h88km, mB5.0/22, mb4.9/32, Ms4.7/12, Ms7 4.5/13, ISCJB 02 01:52:34.9 ± 1.7, 7.02S:0.05:155.76E:0.05, h94km:10km, mb4.8/22, Error ellipse: s-maj=8.9km s-min=8.1km az=168.6

NEIC 02 01:52:35.7 ± 1.0, 6.98S:155.72E, h85km, mb4.8/24, Error ellipse: s-maj=7.1km s-min=5.8km az=146.0

IDC 02 01:52:35.4 ± 2.3, 7.01S:155.73E, h82km, mb4.5/23, mb1 4.5/25, mb1mx4.5/26, mb1mtmp4.5/25, MS3.8/13, Ms1 3.8/13, ms1mx3.7/21, Error ellipse: s-maj=13.6km s-min=11.5km az=90.0

MOS 02 01:52:35.4 ± 1.0, 7.02S:155.65E, h85km, mb4.7/12, Error ellipse: s-maj=10.4km s-min=9.6km az=95.2

DJA 02 01:52:49.7 ± 1.75S:155.40E, h194km, mb4.9/13, ISC 02 01:52:37.3 ± 1.0, 7.05S:0.03:155.76E:0.05, h102km:9km, h93km:3.2km:pp=2.29, 1502/121, mb4.8/22, 7C-6D, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HNR Honiara, HNR Honiara, COEN Coen, JAY Jayapura, etc.

Table with columns: STKA, Stephens Creek, 28.03 206 eP, P, 01 58 18.6 -0.3. Includes stations like STKA Stephens Creek, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, etc.

Table with columns: HHC, Lanzhou, 64.90 315 eP, P, 02 03 07.2 +1.1. Includes stations like HHC Lanzhou, LZH Lanzhou, LZH Lanzhou, etc.

Table with columns: ITM, Ithomi, 1.12, 3 ePN, Pg, 04 26 14.2 +0.2, etc.

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

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

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

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

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

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

Table with columns: KAHZ, Waipukurau, 0.28 256, SN, Sn, 05 19 52.8 -0.4, etc.

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

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

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

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

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

Table with columns: GDZ, Gediz, 1.09 8 iP, Pg, 05 37 04.5 -0.4, etc.

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

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

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

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

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

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

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

CSEM 02 06:25:10.2, 3.3'68N, 49.01E, h2km, ML3.7, Error ellipse: s-maj=9.2km s-min=5.6km az=121.0, Western Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Al-Radifah, IDC 02 06:25:26.4, etc.

CSEM 02 08:02:02.0, 1.1'41N, 141.83E, h0km, mb3.6/8, mb1 3.8/9, mb1mx3.7/24, mbtm3.7/9, ML3.7/1, MS2.8/3, Ms1 2.8/3, ms1mx2.4/28, Error ellipse: s-maj=35.6km s-min=21.1km az=101.0, ISCJB 02 08:02:05.0, 1.1'41N, 141.8E, 0.1, h33km, mb3.7/9, MS2.6/2, Error ellipse: s-maj=18.7km s-min=9.2km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GUMO Guam, Chichi jima, Hachijo jima, etc.

CSEM 02 08:09:35.8, 4.0'39N, 22.09E, h0km, ML2.7/2, After THE THE 02 08:09:35.8, 4.0'39N, 22.09E, h0km, 4km, ML2.7/2, Error

| | | | |
|----------------------|---|----|-----------------|
| ARCES | comp=Z,0.4nm,0.3s,baz=165,slow=29,SNR=5.0 | Lg | 11 04 16.2 |
| ARCES ARCESS Array B | 8.67 352 Pn | Pn | 11 01 48.7 +0.4 |
| ARCES | | Lg | 11 04 16.2 |
| ARCES ARCESS Array B | 8.67 352 Pn | Pn | 11 01 48.7 +0.5 |

NEIC 02 10:59:47.5,0.32:02S:71.47W,h37km,MD3.7(GUC),After GUC.

GUC 02 10:59:47.5,0.32:02S:71.47W,h37km,2km,MD3.7,ML3.0,2C-11D,Near coast of central Chile

| Code | Station Name | Δ° AZ° | Phase ID | Time | Res |
|------|-----------------|----------|----------|-----------------|-----|
| CHNG | Los Chungos | 0.14 350 | Op | 11 00 54.1 +0.1 | ISC |
| CHNG | | | Pn | 10 59 58.7 +0.3 | ISC |
| CHNG | | | AML | 10 59 59.0 | ISC |
| CMCH | Combarbala | 0.93 26 | Op | 11 00 04.3 +0.2 | ISC |
| CMCH | | | Pn | 11 00 04.3 +0.2 | ISC |
| CMCH | | | AML | 11 00 17.6 +1.4 | ISC |
| CMCH | | | AML | 11 00 19.7 | ISC |
| JACH | Jahuel | 1.00 132 | Op | 11 00 06.2 +1.2 | ISC |
| JACH | | | Pn | 11 00 19.6 +1.8 | ISC |
| JACH | | | Pn | 11 00 06.2 +1.2 | ISC |
| JACH | | | Pn | 11 00 19.6 +1.8 | ISC |
| IHA | Instituto Hidir | 1.02 188 | Op | 11 00 05.7 +0.4 | ISC |
| IHA | | | Pn | 11 00 19.4 +1.1 | ISC |
| IHA | | | Pn | 11 00 05.7 +0.4 | ISC |
| IHA | | | Pn | 11 00 19.4 +1.1 | ISC |
| PEL | Peldehue | 1.02 188 | Op | 11 00 10.2 +1.0 | ISC |
| PEL | | | Pn | 11 00 27.6 +2.2 | ISC |
| PEL | | | AML | 11 00 29.1 | ISC |
| OVCH | Ovalle | 1.42 9 | Op | 11 00 12.6 +1.8 | ISC |
| OVCH | | | Pn | 11 00 31.6 +3.2 | ISC |
| OVCH | | | Pn | 11 00 12.6 +1.8 | ISC |
| OVCH | | | Pn | 11 00 31.6 +3.2 | ISC |
| OVCH | | | AML | 11 00 33.5 | ISC |
| CLCH | Cerro Calan | 1.59 150 | Op | 11 00 14.9 +1.8 | ISC |
| CLCH | | | Pn | 11 00 35.9 +3.5 | ISC |
| CLCH | | | AML | 11 00 37.1 | ISC |
| FCH | Farellones | 1.64 143 | Op | 11 00 15.6 +1.7 | ISC |
| FCH | | | Pn | 11 00 36.4 +2.6 | ISC |
| FCH | | | Pn | 11 00 15.6 +1.7 | ISC |
| FCH | | | Pn | 11 00 36.4 +2.6 | ISC |
| FCH | | | AML | 11 00 39.3 | ISC |
| TACH | Talagante | 1.69 165 | Op | 11 00 15.9 +1.3 | ISC |
| TACH | | | Pn | 11 00 15.9 +1.3 | ISC |
| ANTU | Antumapu | 1.70 156 | Op | 11 00 16.4 +1.8 | ISC |
| ANTU | | | Pn | 11 00 16.4 +1.8 | ISC |
| ANTU | | | AML | 11 00 46.0 | ISC |
| PCH | Pirque | 1.79 154 | Op | 11 00 17.2 +1.3 | ISC |
| PCH | | | Pn | 11 00 17.2 +1.3 | ISC |
| TLL | Tololo Astrono | 1.93 17 | Op | 11 00 19.8 +2.0 | ISC |
| TLL | | | Pn | 11 00 19.8 +2.0 | ISC |
| TLL | | | AML | 11 00 49.4 | ISC |
| CHCH | Chadas Angostu | 2.03 160 | Op | 11 00 20.9 +1.7 | ISC |
| CHCH | | | Pn | 11 00 46.9 +3.5 | ISC |
| CHCH | | | Pn | 11 00 20.9 +1.7 | ISC |
| CHCH | | | Pn | 11 00 46.9 +3.5 | ISC |
| LMEL | Las Melosas | 2.12 150 | Op | 11 00 22.3 +1.9 | ISC |
| LMEL | | | Pn | 11 00 22.3 +1.9 | ISC |
| LMEL | | | AML | 11 00 53.4 | ISC |
| CACH | Ei Canelo | 2.22 161 | Op | 11 00 24.1 +2.3 | ISC |
| CACH | | | Pn | 11 00 24.1 +2.3 | ISC |
| LCO | Las Campanas | 3.07 13 | Op | 11 00 34.8 +1.3 | ISC |
| LCO | | | Pn | 11 01 11.7 +2.7 | ISC |
| LCO | | | Pn | 11 00 34.8 +1.3 | ISC |
| LCO | | | Pn | 11 01 11.7 +2.7 | ISC |

NIC 02 11:15:47.9,0.1,34.88N-32.53E,h25km,ML2.7,MW2.8

CSEM 02 11:15:48.2,0.7,34.80N-32.64E,h2km,Mw2.8, Error ellipse: s-maj=16.2km s-min=7.5km az=8.0

ISK 02 11:15:52.8,35.05N-32.94E,h14km,MD3.0

ISC 02 11:15:48.2,1.6,34.80N-32.65E,0.06,h0km,13km,n16,098722,2D,Cyprus region

| Code | Station Name | Δ° AZ° | Phase ID | Time | Res |
|------|--------------|----------|----------|-----------------|-----|
| PPCY | Paphos | 0.26 289 | Op | 11 15 53.2 0.0 | ISC |
| PPCY | | | Pg | 11 15 53.2 0.0 | ISC |
| ALFC | Alevga | 0.36 354 | P | 11 15 54.6 -0.5 | ISC |
| ALFC | | | S | 11 15 59.7 0.0 | ISC |
| ALFC | | | Sg | 11 15 54.6 -0.5 | ISC |
| ALFC | | | S | 11 15 59.7 0.0 | ISC |
| LEF | Lefka | 0.38 32 | Op | 11 15 56.2 +0.8 | ISC |
| LEF | | | Pg | 11 15 56.2 +0.8 | ISC |
| CSS | Prodhromos | 0.59 74 | Op | 11 15 59.7 +0.3 | ISC |
| CSS | | | S | 11 16 09.3 +2.3 | ISC |
| CSS | | | Sg | 11 15 59.7 +0.3 | ISC |
| CSS | | | Sg | 11 15 59.7 +0.3 | ISC |
| CSS | | | Sg | 11 15 59.7 +0.3 | ISC |
| CSS | | | Sg | 11 15 59.7 +0.3 | ISC |
| LFK | Lefkose | 0.87 56 | Op | 11 16 04.0 -0.9 | ISC |
| LFK | | | Pg | 11 16 04.0 -0.9 | ISC |
| IKL | Isikli | 1.67 30 | Op | 11 16 17.7 -0.9 | ISC |
| IKL | | | Pn | 11 16 17.7 -0.9 | ISC |
| HDMB | Hadim | 2.16 357 | Op | 11 16 26.4 +1.0 | ISC |
| HDMB | | | Pn | 11 16 26.4 +1.0 | ISC |

ISC 02 11:20:03.1,7.0,11S:125.69E,h0km,mb3.4/3,

mb1 3.7/0,mb1mx3.5/21,mbtmp3.6/4,ML3.5/1, Error ellipse: s-maj=52.9km s-min=26.7km az=65.0

ISCJB 02 11:20:10.0,0.7,0.34S:0.09,125.45E,0.05,h67km,13km,mb3.4/3, Error ellipse: s-maj=15.3km s-min=8.2km az=7.2

DJA 02 11:20:12.0,10N:125.62E,h52km,MLV4.0/8

ISC 02 11:52:39.7,0.3,38.32N-0.03,39.53E,0.03,h10km,n44,0150759,1C-2D,Turkey

| Code | Station Name | Δ° AZ° | Phase ID | Time | Res |
|------|----------------|-----------|----------|-----------------|-----|
| KMSI | Cibinong | 1.73 300 | Op | 11 20 38.7 -0.2 | ISC |
| MNI | Manado | 1.85 340 | P | 11 20 40.1 -0.4 | ISC |
| LBMI | Labuha | 2.05 99 | P | 11 20 43.0 -0.2 | ISC |
| LBMI | | | S | 11 21 08.0 +0.3 | ISC |
| LWUI | Luwuk | 2.80 255 | S | 11 20 47.0 -0.4 | ISC |
| LWUI | | | Pn | 11 21 35.7 +1.0 | ISC |
| MRSI | Marisa | 3.62 282 | P | 11 21 06.4 +1.7 | ISC |
| APSI | Ampana | 3.88 261 | P | 11 21 08.2 +0.0 | ISC |
| AAI | Ambon | 4.32 141 | P | 11 21 20.4 +6.1 | ISC |
| TTSI | Tana Toraja | 6.28 244 | P | 11 21 40.8 +0.9 | ISC |
| SPSI | Sidrap Palu | 6.76 237 | P | 11 21 47.2 +0.6 | ISC |
| KAPI | Kappang | 7.39 231 | P | 11 21 56.4 0.0 | ISC |
| WRA | Warramunga Arr | 21.36 157 | P | 11 24 53.3 -0.4 | ISC |
| ASAR | Alice Springs | 54.62 161 | P | 11 25 26.9 +0.7 | ISC |
| MKAR | Makanchi Array | 60.19 327 | P | 11 30 12.7 -0.3 | ISC |

DDA 02 11:52:38.0,38.32N-39.55E,h2km,3km,MD3.5,ML3.7

ISK 02 11:52:38.4,38.35N-39.49E,h2km,MD3.4

ISCJB 02 11:52:39.2,0.3,38.30N-0.03,39.51E,0.03,h10km, Error ellipse: s-maj=3.7km s-min=2.8km az=12.6

CSEM 02 11:52:39.7,0.2,38.34N-39.48E,h5km,MD3.4, Error ellipse: s-maj=4.7km s-min=3.8km az=177.0

ISC 02 11:52:39.7,0.3,38.32N-0.03,39.53E,0.03,h10km,n44,0150759,1C-2D,Turkey

| Code | Station Name | Δ° AZ° | Phase ID | Time | Res |
|------|----------------|----------|----------|-----------------|-----|
| SVRC | Sivrice-ELAZIG | 0.18 289 | Op | 11 52 43.3 -1.2 | ISC |

| Code | Station Name | Δ° AZ° | Phase ID | Time | Res |
|-------|----------------|----------|----------|-----------------|-----|
| SVRC | Sivrice-ELAZIG | 0.18 289 | Op | 11 52 43.3 -1.2 | ISC |
| ELZG | Elazig | 0.46 293 | Op | 11 52 47.3 -1.4 | ISC |
| ELZG | | | Pg | 11 52 55.3 +0.5 | ISC |
| ELZG | | | Pg | 11 52 47.3 -1.4 | ISC |
| ELZG | | | Pg | 11 52 55.3 +0.5 | ISC |
| PTK | Pertek | 0.58 293 | Op | 11 52 58.6 -0.0 | ISC |
| PTK | | | Pg | 11 52 49.4 -1.5 | ISC |
| PTK | | | Pg | 11 52 58.6 -0.0 | ISC |
| DIYA | Diyarbakir | 0.61 130 | Op | 11 52 50.7 -0.8 | ISC |
| DIYA | | | Pn | 11 52 59.4 -0.2 | ISC |
| DIYA | | | Pn | 11 52 50.7 -0.8 | ISC |
| DIYA | | | Pn | 11 52 59.4 -0.2 | ISC |
| MYA | Malatya | 0.86 271 | Op | 11 52 54.9 -1.4 | ISC |
| MYA | | | Pg | 11 52 54.9 -1.4 | ISC |
| BINT | Bingol | 0.94 53 | Op | 11 52 57.5 -0.2 | ISC |
| BINT | | | Pg | 11 52 59.3 -1.6 | ISC |
| URFA | Urfa | 1.04 213 | Op | 11 52 59.0 -0.6 | ISC |
| URFA | | | Pn | 11 52 59.0 -0.6 | ISC |
| KEMA | Kemaliye | 1.24 320 | Op | 11 53 02.3 -0.8 | ISC |
| KEMA | | | Sb | 11 53 18.3 -1.0 | ISC |
| KEMA | | | Sb | 11 53 18.3 -1.0 | ISC |
| ATAB | Bozova | 1.29 229 | Op | 11 53 03.3 -0.5 | ISC |
| ATAB | | | Sb | 11 53 22.0 +1.3 | ISC |
| ATAB | | | Sb | 11 53 03.3 -0.5 | ISC |
| ATAB | | | Sb | 11 53 22.0 +1.4 | ISC |
| MARD | Mardin | 1.41 135 | Op | 11 53 04.5 -0.8 | ISC |
| MARD | | | Sb | 11 53 23.3 +0.2 | ISC |
| BINGL | Bingol | 1.42 63 | Op | 11 53 04.6 -0.9 | ISC |
| BINGL | | | Sb | 11 53 25.6 +1.3 | ISC |
| BEST | Besiri | 1.44 107 | Op | 11 53 04.9 -0.9 | ISC |
| BEST | | | Sb | 11 53 24.6 -0.2 | ISC |
| DARE | Darende-Malaty | 1.49 296 | Op | 11 53 08.9 +0.7 | ISC |
| DARE | | | Pn | 11 53 06.4 -0.9 | ISC |
| BTMT | Batman | 1.55 94 | Op | 11 53 10.6 -0.5 | ISC |
| GZT | Gaziantep | 1.83 239 | Op | 11 53 39.9 +0.5 | ISC |
| GZT | | | Pn | 11 53 16.1 +0.7 | ISC |
| GUMT | Gumushane | 2.14 359 | Op | 11 53 16.1 +0.7 | ISC |
| GUMT | | | Pn | 11 53 16.1 +0.7 | ISC |
| GAZ | Gaziantep | 2.16 239 | Op | 11 53 17.0 +1.3 | ISC |
| GAZ | | | Pn | 11 53 17.0 +1.3 | ISC |
| KMRS | Kahramanmaraş | 2.23 249 | Op | 11 53 17.8 +1.2 | ISC |
| KMRS | | | Pn | 11 53 17.8 +1.2 | ISC |
| SARI | SarDiz-Kayseri | 2.25 290 | Op | 11 53 20.3 -0.1 | ISC |
| PINB | Pinarbaşı | 2.48 279 | Op | 11 53 22.3 +2.3 | ISC |
| PINB | | | Pn | 11 53 22.3 +2.3 | ISC |
| KUZU | Kuzuni | 2.48 232 | Op | 11 53 25.9 -1.3 | ISC |
| KUZU | | | Sg | 11 53 59.1 -0.4 | ISC |
| SVSK | Karacayir | 2.53 310 | Op | 11 53 21.4 +0.7 | ISC |
| SVSK | | | Pn | 11 53 29.3 +1.5 | ISC |
| CUKT | Cukurca | 3.41 107 | Op | 11 53 34.9 +2.1 | ISC |
| CUKT | | | Pn | 11 53 34.9 +2.1 | ISC |
| HKR | Hakkari | 3.41 101 | Op | 11 53 35.0 +2.1 | ISC |
| HKR | | | Pn | 11 53 35.7 +1.4 | ISC |
| BCA | Borcka | 3.51 27 | Op | 11 53 35.7 +1.4 | ISC |
| BCA | | | Pn | 11 53 35.7 +1.4 | ISC |

ISC 02 11:54:55.1,2.2,0.95N:126.99E,h0km,mb3.1/3,mb1 3.4/3,mb1mx3.2/19,mbtmp3.2/3, Error ellipse: s-maj=167.1km s-min=27.2km az=66.0, Northern Molucca Sea

| Code | Station Name | Δ° AZ° | Phase ID | Time | Res |
|------|----------------|-----------|----------|-----------------|-----|
| WRA | Warramunga Arr | 21.98 161 | Op | 11 59 50.5 -0.4 | ISC |
| ASAR | Alice Springs | 54.38 165 | P | 12 00 24.7 +0.5 | ISC |
| MKAR | Makanchi Array | 59.38 327 | P | 12 05 03.5 0.0 | ISC |

ISC 02 12:30:29.6,13.0,10.38N-91.36E,h0km,mb3.4/3,mb1 3.6/3,mb1mx3.3/23,mbtmp3.4/3, Error ellipse: s-maj=684.9km s-min=30.6km az=60.0, Andaman Islands region

| Code | Station Name | Δ° AZ° | Phase ID | Time | Res |
|------|--------------|--------|----------|------|-----|
| MKAR | | | | | |

| | | | | | | |
|-------|-------------------------|-------|-----|--------|--------|-----------------|
| NVAR | Mina Array Bea | 79.97 | 43 | P | P | 12 57 12.8 -0.5 |
| NVAR | | | | pP | pP | 12 59 14.4 -0.9 |
| NVAR | | | | PKKPbc | PKKPbc | 13 15 54.9 +0.4 |
| Y12C | Blythe | 80.01 | 49 | UP | P | 12 57 13.9 +0.2 |
| 113A | Mohawk Valley, | 80.05 | 50 | UP | P | 12 57 14.2 +0.3 |
| 101A | Ash Meadows, A | 80.17 | 46 | UP | P | 12 57 14.7 +0.3 |
| 214A | Organ Pipe Nat | 80.34 | 51 | UP | P | 12 57 15.8 +0.4 |
| Z13A | Yuma Proving G | 80.35 | 50 | UP | P | 12 57 15.7 +0.2 |
| V11A | Goodsprings | 80.47 | 47 | UP | P | 12 57 15.9 -0.1 |
| PDMCI | Parker Dam,Lak | 80.57 | 49 | UP | P | 12 57 16.8 +0.2 |
| COR | Corvallis | 80.63 | 36 | eP | pmax | 12 57 15.8 -0.8 |
| COR | comp=Z,9.0nm,0.4s,mb4.5 | | | | | |
| COR | Corvallis | 80.63 | 36 | eP | pmax | 12 57 15.8 -0.8 |
| 114A | Black Gap (USA | 80.69 | 51 | UP | P | 12 57 17.3 +0.2 |
| S10A | Tonopah Range, | 80.81 | 45 | UP | P | 12 57 17.6 0.0 |
| V12A | Nelson | 80.81 | 47 | UP | P | 12 57 18.0 +0.3 |
| K05A | Sumner Lake | 80.87 | 39 | UP | P | 12 57 18.0 +0.1 |
| Z14A | Wintersburg | 80.95 | 50 | UP | P | 12 57 18.7 +0.2 |
| W13A | Hualapai Mount | 81.16 | 48 | UP | P | 12 57 19.9 +0.4 |
| Y14A | Wickenburg | 81.19 | 49 | UP | P | 12 57 19.6 -0.2 |
| R10A | Warm Springs | 81.20 | 44 | UP | P | 12 57 19.9 +0.2 |
| S11A | Rachel | 81.22 | 45 | UP | P | 12 57 19.5 -0.3 |
| H04A | Detroit Lake | 81.32 | 36 | UP | P | 12 57 19.4 -0.7 |
| F03A | Seaside | 81.34 | 35 | UP | P | 12 57 20.8 +0.6 |
| T11A | Corn Creek, AI | 81.36 | 46 | UP | P | 12 57 20.6 +0.1 |
| 216A | Three Points, | 81.37 | 52 | UP | P | 12 57 21.5 +0.9 |
| U12A | Valley of Fire | 81.39 | 47 | UP | P | 12 57 21.1 +0.4 |
| Q10A | Clear Creek Ra | 81.43 | 44 | UP | P | 12 57 21.3 +0.5 |
| 116A | Eloy | 81.46 | 51 | UP | P | 12 57 21.4 +0.3 |
| V13A | Grand Canyon W | 81.48 | 47 | UP | P | 12 57 20.9 -0.2 |
| X14A | Yava | 81.54 | 49 | UP | P | 12 57 21.9 +0.4 |
| CN2 | Changchun | 81.61 | 322 | eP | | 12 57 24.0 +2.4 |
| Y15A | Casa Rosa Ranc | 81.68 | 50 | UP | P | 12 57 22.6 +0.4 |
| R11A | Troy Canyon, C | 81.70 | 45 | UP | P | 12 57 21.9 -0.3 |
| U13A | Pakoo Wash | 81.78 | 47 | UP | P | 12 57 22.9 +0.2 |
| W14A | Seligman | 81.78 | 48 | UP | P | 12 57 23.3 +0.6 |
| S12A | Delamar Landin | 81.80 | 46 | UP | P | 12 57 22.9 +0.1 |
| Q11A | Duckwater | 81.93 | 44 | UP | P | 12 57 23.3 -0.1 |
| F04A | Amboy | 81.96 | 35 | UP | P | 12 57 23.7 +0.3 |
| V14A | Boquillas Ranc | 81.98 | 48 | UP | P | 12 57 24.3 +0.6 |
| X15A | Humboldt | 82.02 | 49 | UP | P | 12 57 24.4 +0.4 |
| Z16A | Perrita Trail, | 82.04 | 51 | UP | P | 12 57 24.4 +0.3 |
| WVOR | Wild Horse Val | 82.04 | 40 | eP | pmax | 12 57 23.7 -0.2 |
| WVOR | comp=Z,12nm,1.0s,mb4.4 | | | | | |
| WVOR | Wild Horse Val | 82.04 | 40 | eP | pmax | 12 57 23.6 -0.2 |
| T13A | Saint George | 82.13 | 46 | UP | P | 12 57 25.0 +0.5 |
| O10A | Cortex Mining, | 82.17 | 43 | UP | P | 12 57 24.9 +0.3 |
| 117A | Oracle | 82.17 | 52 | UP | P | 12 57 25.5 +0.7 |
| 318A | Bisbee | 82.19 | 53 | UP | P | 12 57 25.5 +0.6 |
| P11A | Circle Ranch, | 82.24 | 43 | UP | P | 12 57 25.2 +0.3 |
| Y16A | Circle Bar Ran | 82.27 | 50 | UP | P | 12 57 25.7 +0.5 |
| U14A | Mt Trumbull | 82.33 | 47 | UP | P | 12 57 26.0 +0.5 |
| TDL | Tradedollar La | 82.33 | 35 | P | | 12 57 25.8 +0.5 |
| W15A | Williams | 82.34 | 49 | UP | P | 12 57 26.3 +0.8 |
| R12A | Pony Springs, | 82.34 | 45 | UP | P | 12 57 25.6 +0.1 |
| 218A | Dragon | 82.40 | 52 | UP | P | 12 57 26.8 +0.8 |
| G18W | Guler Mountain | 82.41 | 36 | P | | 12 57 25.7 +0.1 |
| S13A | Holt Ranch, En | 82.46 | 46 | UP | P | 12 57 26.0 -0.1 |
| G06A | Carlson Farm, | 82.53 | 37 | UP | P | 12 57 25.9 -0.4 |
| VTHM | Trough | 82.53 | 37 | P | | 12 57 26.3 0.0 |
| X16A | Lo Mia Camp, P | 82.56 | 50 | UP | P | 12 57 27.2 +0.6 |
| Q12A | Willow Creek R | 82.57 | 44 | UP | P | 12 57 26.6 -0.1 |
| O11A | Cowboy Ranch, | 82.62 | 43 | UP | P | 12 57 27.0 +0.1 |
| Y17A | Roosevelt | 82.64 | 51 | UP | P | 12 57 27.5 +0.4 |
| J08A | Circle Bar Ran | 82.67 | 39 | UP | P | 12 57 26.6 -0.4 |
| R13A | O'Grain Ranch, | 82.69 | 45 | UP | P | 12 57 27.6 +0.3 |
| 319A | Douglas | 82.70 | 53 | UP | P | 12 57 28.2 +0.7 |
| T14A | Hurricane | 82.72 | 47 | UP | P | 12 57 27.7 +0.2 |
| V15A | Kalbab Nationa | 82.73 | 48 | UP | P | 12 57 28.0 +0.5 |
| MAW | Mawson | 82.75 | 200 | eP | | 12 57 26.2 -0.8 |
| MAW | comp=Z,12nm,0.8s | | | | | |
| MAW | Mawson | 82.75 | 200 | P | | 12 57 26.9 -0.1 |
| 118A | Homack Ranch, | 82.78 | 52 | UP | P | 12 57 28.6 +0.8 |
| M10A | LL Ranch, Tu | 82.82 | 41 | UP | P | 12 57 27.8 0.0 |
| W16A | Flagstaff | 82.82 | 49 | UP | P | 12 57 28.3 +0.3 |
| ARUT | Antelope Range | 82.85 | 46 | eP | pP | 12 57 28.1 0.0 |
| ARUT | comp=Z,12nm,1.2s,mb4.3 | | | | | 12 59 30.5 -0.7 |
| ARUT | Antelope Range | 82.85 | 46 | eP | pmax | 12 57 28.1 0.0 |
| ARUT | comp=Z,12nm,1.2s,mb4.3 | | | | | |
| ARUT | Enumclaw | 82.97 | 35 | UP | pP | 12 59 30.5 -0.7 |
| X17A | Forest Lakes | 82.97 | 50 | UP | P | 12 57 29.5 +0.8 |
| 219A | White Tail Can | 83.01 | 53 | UP | P | 12 57 29.4 +0.5 |
| S14A | Cedar City | 83.02 | 46 | UP | P | 12 57 29.2 +0.3 |
| Q13A | Wheeler Ranch, | 83.06 | 45 | UP | P | 12 57 28.8 -0.3 |
| WUAZ | Wupatki | 83.14 | 49 | eP | | 12 57 30.2 +0.7 |
| WUAZ | comp=Z,17nm,1.3s,mb4.4 | | | | | |
| L10A | Juniper Basin | 83.17 | 41 | UP | pP | 12 59 35.4 +2.5 |
| T15A | Red Dirt Ranch | 83.18 | 47 | UP | P | 12 57 29.8 +0.1 |
| H08A | Prairie City | 83.23 | 38 | UP | P | 12 57 29.2 -0.6 |
| M11A | Holland Ranch, | 83.24 | 42 | UP | P | 12 57 29.7 -0.2 |
| 320A | Kipp Ranch, An | 83.25 | 54 | UP | P | 12 57 31.4 +1.2 |

| | | | | | | |
|------|-------------------------|-------|-----|----|------|-----------------|
| Y18A | baz=83,SNR=18 | 83.27 | 51 | UP | P | 12 57 30.8 +0.5 |
| O12A | Canyon Day Jun | 83.27 | 51 | UP | P | 12 57 30.8 +0.5 |
| K10A | Currie | 83.28 | 43 | UP | P | 12 57 29.9 -0.2 |
| P13A | MacKenzie Ranc | 83.31 | 40 | UP | P | 12 57 30.1 -0.2 |
| P13A | Bates Ranch, G | 83.33 | 44 | UP | P | 12 57 30.3 -0.1 |
| 119A | Asppeak Ranch, | 83.33 | 52 | UP | P | 12 57 31.2 +0.6 |
| N12A | Clover Valley, | 83.41 | 43 | UP | P | 12 57 30.4 -0.4 |
| 109A | Lost Marbles F | 83.46 | 39 | UP | P | 12 57 30.4 -0.6 |
| G08A | Pilot Rock | 83.51 | 37 | UP | P | 12 57 30.8 -0.4 |
| 220A | Playas Peak, P | 83.51 | 53 | UP | P | 12 57 32.1 +0.6 |
| S15A | Panguitch | 83.53 | 46 | UP | P | 12 57 32.2 +0.8 |
| Q14A | Sevier Lake (B | 83.58 | 45 | UP | P | 12 57 31.8 +0.1 |
| Z19A | T-Link Ranch, | 83.61 | 52 | UP | P | 12 57 32.5 +0.6 |
| V17A | Tonalea, Kykot | 83.61 | 49 | UP | P | 12 57 32.0 +0.1 |
| L11A | Cat Creek Ran | 83.66 | 41 | UP | P | 12 57 32.1 +0.1 |
| X18A | Snowflake | 83.69 | 50 | UP | P | 12 57 32.6 +0.3 |
| 120A | U B Ranch, L | 83.73 | 52 | UP | P | 12 57 33.2 +0.6 |
| T16A | Glen Canyon D | 83.77 | 47 | UP | P | 12 57 33.0 +0.4 |
| M12A | Wei=84,SNR=6.3 | 83.79 | 42 | UP | P | 12 57 32.3 -0.3 |
| K11A | Parker Ranch, | 83.82 | 41 | UP | P | 12 57 32.6 -0.2 |
| H09A | Durkee | 83.90 | 38 | UP | P | 12 57 32.6 -0.5 |
| Y19A | Nutrisio | 83.92 | 51 | UP | P | 12 57 34.2 +0.7 |
| N13A | Wendover, West | 83.94 | 43 | UP | P | 12 57 33.7 +0.3 |
| Z20A | Nine Sixteen R | 84.02 | 52 | UP | P | 12 57 34.7 +0.8 |
| P14A | Drum Mountains | 84.03 | 45 | UP | P | 12 57 33.9 +0.1 |
| S16A | Wenner Ranch, | 84.08 | 47 | UP | P | 12 57 33.9 -0.3 |
| L12A | House Creek Ra | 84.11 | 42 | UP | P | 12 57 34.9 +0.7 |
| X19A | St. Johns | 84.12 | 51 | UP | P | 12 57 34.5 +0.1 |
| 221A | Mesquite Ranch | 84.13 | 53 | UP | P | 12 57 35.3 +0.8 |
| E08A | Dider Farm, El | 84.16 | 36 | UP | P | 12 57 34.2 -0.1 |
| U17A | Shonto | 84.17 | 48 | UP | P | 12 57 35.0 +0.3 |
| G09A | Cove | 84.18 | 38 | UP | P | 12 57 34.5 +0.1 |
| Q15A | Fillmore | 84.18 | 45 | UP | P | 12 57 34.7 +0.1 |
| BMO | Blue Mountains | 84.22 | 38 | eP | pmax | 12 57 33.9 -0.8 |
| BMO | comp=Z,12nm,1.6s,mb4.2 | | | | | |
| BMO | Blue Mountains | 84.22 | 38 | eP | pmax | 12 57 33.9 -0.8 |
| M13A | Montello | 84.23 | 43 | UP | P | 12 57 34.6 -0.2 |
| V18A | Navajo Res., N | 84.26 | 49 | UP | P | 12 57 35.1 0.0 |
| T17A | Navajo Res., N | 84.27 | 48 | UP | P | 12 57 35.5 +0.3 |
| MFID | Carns Ranch | 84.30 | 40 | UP | P | 12 57 34.9 -0.2 |
| 121A | Cookes Peak, D | 84.36 | 53 | UP | P | 12 57 36.4 +0.7 |
| H10A | Noah's Angus R | 84.40 | 39 | UP | P | 12 57 34.9 -0.7 |
| R16A | Teasdale | 84.43 | 46 | UP | P | 12 57 36.3 +0.4 |
| K12A | Draper Farm, C | 84.45 | 41 | UP | P | 12 57 36.0 +0.2 |
| I11A | Placerville | 84.50 | 40 | UP | P | 12 57 35.7 -0.4 |
| Y20A | Horse Springs, | 84.55 | 51 | UP | P | 12 57 37.3 +0.7 |
| D08A | Wollman Farm, | 84.57 | 36 | UP | P | 12 57 36.2 -0.1 |
| G10A | Bishop Farm, J | 84.58 | 38 | UP | P | 12 57 35.7 -0.7 |
| S17A | Blair Ridge (B | 84.58 | 47 | UP | P | 12 57 36.0 -0.6 |
| U18A | Rough Rock, Ch | 84.65 | 49 | UP | P | 12 57 36.9 0.0 |
| J12A | Stokes Ranch, | 84.66 | 41 | UP | P | 12 57 36.9 0.0 |
| X20A | Quemado | 84.75 | 51 | UP | P | 12 57 37.9 +0.3 |
| Z21A | St. Cloud Mine | 84.80 | 52 | UP | P | 12 57 38.7 +0.9 |
| M14A | Sheep Mountain | 84.83 | 43 | UP | P | 12 57 37.5 -0.2 |
| F10A | Beach Ranch, E | 84.90 | 38 | UP | P | 12 57 37.1 -0.8 |
| H11A | Donnelly | 84.90 | 39 | UP | P | 12 57 37.5 -0.5 |
| I12A | Atlanta | 84.93 | 40 | UP | P | 12 57 38.0 -0.2 |
| K13A | Stover Farm, H | 84.97 | 42 | UP | P | 12 57 38.7 +0.3 |
| T18A | Mexican Hat | 84.99 | 48 | UP | P | 12 57 38.8 +0.2 |
| W20A | Rama | 85.02 | 50 | UP | P | 12 57 39.1 +0.3 |
| R17A | Hanksville Air | 85.03 | 47 | UP | P | 12 57 38.3 -0.5 |
| U19A | Dine' College, | 85.06 | 49 | UP | P | 12 57 38.9 0.0 |
| Y21A | Point of Rocks | 85.11 | 52 | UP | P | 12 57 40.1 +0.8 |
| X21A | Alamocita Cree | 85.23 | 51 | UP | P | 12 57 40.0 +0.2 |
| HLID | Hailey | 85.25 | 41 | P | | 12 57 39.8 +0.1 |
| TRF | Thorofore Moun | 85.27 | 12 | eP | | 12 57 37.7 -1.7 |
| TRF | comp=Z,10nm,1.2s,mb4.3 | | | | | |
| Z22A | Elephant Butte | 85.33 | 53 | UP | pP | 12 59 45.4 +2.0 |
| J13A | Cove Ranch, Pi | 85.31 | 41 | UP | P | 12 57 39.8 -0.2 |
| BJI | Beijing | 85.32 | 315 | P | S | 12 57 41.9 +1.7 |
| BJI | comp=Z,6.0nm,0.5s,mb4.5 | | | | | 13 07 26.1 +2.8 |
| BEJ | Seymchan | 85.35 | 347 | eP | pmax | 12 57 38.1 -1.6 |
| H12A | Grangeville | 85.47 | 38 | UP | P | 12 57 39.2 -1.5 |
| F11A | Diamond D Ranc | 85.51 | 40 | UP | P | 12 57 40.2 -0.7 |
| PNT | Penticton | 85.53 | 34 | P | | 12 57 40.4 -0.5 |
| R18A | Canyonlands Na | 85.57 | 47 | UP | P | 12 57 41.1 -0.3 |
| I13A | Willow Cree | 85.62 | 40 | UP | P | 12 57 41.0 -0.4 |
| 324A | Moseley Ranch, | 85.65 | 53 | UP | P | 12 57 41.9 +0.1 |
| J14A | Carey | 85.67 | 41 | UP | P | 12 57 41.8 0.0 |
| LAZ | Ladron | 85.69 | 51 | eP | | 12 57 42.6 +0.6 |
| LAZ | comp=Z,2.4nm,1.0s,mb3.8 | | | | | |
| L15A | Malad City | 85.71 | 43 | UP | pP | 12 59 48.5 +2.3 |
| Q18A | Rafter H Ranch | 85.75 | 46 | UP | P | 12 57 41.7 -0.6 |
| S19A | Harvey Farm, M | 85.79 | 48 | UP | P | 12 57 42.2 -0.3 |
| MNTX | Cornudas Mount | 85.82 | 54 | eP | | 12 57 42.8 +0.1 |
| X22A | Bernardo | 85.83 | 51 | UP | P | 12 57 42.8 +0.1 |

| | | | | | | |
|------|----------------|-------|----|----|---|-----------------|
| Z23A | Rita Site, Whi | 85.85 | 53 | UP | P | 12 57 42.7 -0.1 |
| 224A | Cornudas Mount | 85.87 | 54 | UP | P | 12 57 43.3 +0.3 |
| H13A | Challin | 85.88 | 40 | UP | P | 12 57 42.3 -0.4 |
| O17A | | | | | | |

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Charters Tower, Stephens Creek, Alice Springs, etc.

ICD 02 12:59:44.0.1.70, 22:33S:175.16W, h0km, mb4.3/5, mb1.4/4.5, mb1mx3.9/18, mbtmp4.3/5, Error ellipse: s-maj=321.5km s-min=149.8km az=80.0, Tonga Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Chengdu, Lanzhou, Xi'an, etc.

CSEM 02 13:03:48.6, 39.69N, 29.45E, h7km, MD2.7, After DDA

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

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

ICD 02 13:24:45.6.0.7, 10.44Sx13.64E, h0km, mb4.0/13, mb1.4/1.4, mb1mx4.1/22, mbtmp4.1/14, ML4.5/1, MS3.3/5, Ms1.3/4.5, ms1mx2.9/26, Error ellipse: s-maj=25.2km s-min=9.9km az=48.0

NEIC 02 13:24:47.3.0.5, 10.43S:113.58E, h10km, mb4.2/2, Error ellipse: s-maj=16.4km s-min=8.9km az=55.0

ICD 02 13:24:51.4.0.8, 10.51S:113.32E, h59km, 8km, mb4.1/18, MS3.4/4, Error ellipse: s-maj=8.2km s-min=4.9km az=11.6

DJA 02 13:24:53.10.31S:113.35E, h108km, MLv4.5/13

ICD 02 13:24:51.6.0.8, 10.56S:10.04E, h133E, 0.03, h42km, 7km, n53, r198.6/9, mb4.1/18, MS3.4/4, Error ellipse: s-maj=8.2km

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

ICD 02 12:59:44.0.1.70, 22:33S:175.16W, h0km, mb4.3/5, mb1.3/6.5, mb1mx3.4/27, mbtmp3.3/5, ML4.0/2, MS3.3/1, Ms1.3/3.1, ms1mx2.4/20, Error ellipse: s-maj=59.8km s-min=24.4km az=62.0

BJI 02 12:59:47.9.31.69N:104.34E, h16km, ML3.1/10

ICD 02 12:59:44.0.1.70, 22:33S:175.16W, h0km, mb4.3/5, mb1.3/6.5, mb1mx3.4/27, mbtmp3.3/5, ML4.0/2, MS3.3/1, Ms1.3/3.1, ms1mx2.4/20, Error ellipse: s-maj=59.8km s-min=24.4km az=62.0

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

CSEM 02 13:03:48.6, 39.69N, 29.45E, h7km, MD2.7, After DDA

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

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

ISCJB 02 13:39:33.9.0.4, 37.92N:102.2149E, 0.03, h3km, 4km, Error ellipse: s-maj=3.9km s-min=3.3km az=37.8

ATH 02 13:39:33.8, 37.98N:21.44E, h23km, 1km, MD3.0/14

THE 02 13:39:34.1, 37.91N:21.50E, h3km, 1km, ML3.2/10, Error ellipse: s-maj=1.6km s-min=0.7km az=222.0

CSEM 02 13:39:34.2.0.3, 37.94N:21.46E, h19km, MD3.0, Error ellipse: s-maj=5.4km s-min=4.8km az=65.0

ISC 02 13:39:34.7.0.4, 37.92N:102.2149E, 0.03, h8km, 4km, n62, r107/104, 12C, Southern Greece

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

ICD 02 13:56:03.8.0.3, 23.03N:101.12106E, 0.02, h1km, 3km, Error ellipse: s-maj=3.2km s-min=2.8km az=178.4

TAP 02 13:56:03.8, 23.06N:120.96E, h5km, ML3.6, C

NEIC 02 13:56:04.4.1.1, 23.07N:120.99E, h10km, Error ellipse: s-maj=14.8km s-min=10.4km az=82.0

JMA 02 13:56:04.4.0.3, 22.93N:120.99E, h81km, M2.7

ISC 02 13:56:04.0.4.0.3, 23.03N:101.12106E, 0.02, h3km, 3km, n71, r116/108, 2C-14D, Taiwan

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

ISCJB 02 13:56:03.8.0.3, 23.03N:101.12106E, 0.02, h1km, 3km, Error ellipse: s-maj=3.2km s-min=2.8km az=178.4

TAP 02 13:56:03.8, 23.06N:120.96E, h5km, ML3.6, C

NEIC 02 13:56:04.4.1.1, 23.07N:120.99E, h10km, Error ellipse: s-maj=14.8km s-min=10.4km az=82.0

JMA 02 13:56:04.4.0.3, 22.93N:120.99E, h81km, M2.7

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

| | | | | | |
|------|----------------|----------|-----|-----------------|-----------------|
| STYT | baz=299 | iS | Sg | 13 56 11.9 | -2.2 |
| TWF1 | Yuli | 0.39 35 | P | Pg | 13 56 18.3 +0.6 |
| TWF1 | baz=46 | eS | Pg | 13 56 18.3 +0.2 | |
| YULB | Yu-Ii | 0.43 32 | ePg | Pg | 13 56 12.6 0.0 |
| SGST | Jiashian | 0.43 277 | P | Pg | 13 56 11.8 -0.9 |
| ECL | Taimali | 0.44 192 | P | Pg | 13 56 12.9 +0.1 |
| ECL | baz=181 | eS | Sg | 13 56 18.8 +0.2 | |
| WTP | Ta-pu | 0.45 298 | P | Pg | 13 56 12.2 -0.9 |
| WTP | baz=304 | iS | Sg | 13 56 18.0 -1.0 | |
| TPUB | Ta-pu | 0.47 305 | ePg | Pg | 13 56 12.3 -1.2 |
| SSD | Sandimen | 0.48 234 | P | Pg | 13 56 12.3 -1.3 |
| SSD | baz=218 | eS | Sg | 13 56 17.4 -2.4 | |
| CHN1 | Nanshi | 0.50 288 | P | Pg | 13 56 13.6 -0.5 |
| CHN1 | baz=287 | iS | Sg | 13 56 20.5 -0.2 | |
| CHN4 | Tsuaushan | 0.53 307 | P | Pg | 13 56 14.0 -0.6 |
| CHN4 | baz=320 | eS | Sg | 13 56 20.9 -0.5 | |
| ALS | Alitshan | 0.53 335 | P | Pg | 13 56 13.8 -0.8 |
| EHY | Hungye | 0.54 28 | P | Pg | 13 56 14.6 -0.1 |
| EHY | baz=37 | eS | Sg | 13 56 21.8 +0.1 | |
| TWK | Hsiinyang | 0.57 295 | P | Pg | 13 56 14.7 -0.6 |
| TWK | baz=296 | S | Sg | 13 56 22.5 -0.2 | |
| TWM1 | Shoushan | 0.61 250 | eP | Pg | 13 56 16.1 0.0 |
| CHN3 | Shinhua | 0.63 274 | eP | Pg | 13 56 17.3 +0.8 |
| CHN5 | Tsauling | 0.66 329 | eP | Pg | 13 56 16.3 -0.8 |
| EAST | Anshuo | 0.67 196 | P | Pg | 13 56 17.3 0.0 |
| EAST | baz=189 | eS | Sg | 13 56 26.4 +0.5 | |
| TAW | Tawu | 0.68 192 | eP | Pg | 13 56 17.6 +0.1 |
| TAW | baz=177 | eS | Sg | 13 56 26.1 -0.3 | |
| CHY | Chiayi | 0.74 309 | eP | Pg | 13 56 18.3 -0.3 |
| CHY | baz=312 | eS | Sg | 13 56 28.2 0.0 | |
| TAI1 | Yung-k'ang | 0.76 271 | eP | Pg | 13 56 19.0 0.0 |
| TAI1 | baz=269 | eS | Sg | 13 56 30.7 +1.9 | |
| SSLB | Suanglung | 0.76 353 | eP | Pg | 13 56 17.5 -1.5 |
| SCZT | Fangliu | 0.77 211 | P | Pg | 13 56 18.3 -0.8 |
| WGK | Gukeng | 0.79 326 | eP | Pg | 13 56 19.1 -0.5 |
| SCLT | Jiali | 0.80 281 | eP | Pg | 13 56 21.4 +1.6 |
| KAU | Kaohsiung | 0.82 236 | eP | Pg | 13 56 22.8 +2.6 |
| CHN8 | Yiju | 0.83 292 | eP | Pg | 13 56 20.1 -0.2 |
| CHN8 | baz=293 | eS | Sg | 13 56 32.0 +0.8 | |
| ESL | Shilin | 0.86 24 | P | Pg | 13 56 20.2 -0.7 |
| ESL | baz=46 | eS | Sg | 13 56 20.1 -0.8 | |
| SMLT | Sun Moon Lake | 0.86 351 | eP | Pg | 13 56 20.1 -0.8 |
| TYC | Yuch | 0.89 349 | eP | Pg | 13 56 20.6 -0.8 |
| TYC | baz=359 | eS | Sg | 13 56 34.3 +1.4 | |
| WNT | Mingjian | 0.91 338 | eP | Pg | 13 56 22.2 +0.4 |
| WNT | baz=343 | eS | Sg | 13 56 35.0 +1.4 | |
| WTP | Hsiaoliuchiu | 0.93 223 | eP | Pg | 13 56 24.4 +2.2 |
| HEN | Hengchung | 1.06 196 | eP | Pg | 13 56 25.8 +1.0 |
| HWA | Hwalien | 1.07 28 | eP | Pg | 13 56 23.7 -1.3 |
| LAY | Lan-yu | 1.09 155 | eP | Pg | 13 56 22.7 -2.6 |
| HWK1 | Hengchung | 1.10 192 | eP | Pg | 13 56 25.8 +0.2 |
| HWK1 | baz=197 | eS | Sg | 13 56 43.9 +3.9 | |
| WHF | Hehuan Shan | 1.13 10 | eP | Pg | 13 56 24.6 -1.5 |
| WHF | baz=21 | eS | Sg | 13 56 42.9 +2.3 | |
| TSEB | Hengchuen, Pin | 1.13 187 | eP | Pg | 13 56 26.4 +0.3 |
| TWD | Chiawan | 1.16 26 | eP | Pg | 13 56 25.8 -0.8 |
| TWD | baz=39 | eS | Sg | 13 56 41.9 +0.2 | |
| TCU | Taichung | 1.16 343 | eP | Pg | 13 56 27.2 +0.5 |
| TCU | baz=347 | eS | Sg | 13 56 43.9 +2.0 | |
| TWT | Tachien | 1.22 5 | eP | Pg | 13 56 27.0 -0.8 |
| NACB | Ninganchiao | 1.24 24 | eP | Pn | 13 56 26.2 -2.0 |
| NACB | Liyutan | 1.34 349 | eP | Pn | 13 56 29.5 -0.5 |
| TWQ1 | Nanzhang | 1.34 353 | eS | Sg | 13 56 48.6 +1.2 |
| NSY | Sanyi | 1.40 349 | eP | Pn | 13 56 30.2 -0.7 |
| NSY | baz=353 | eS | Sb | 13 56 51.6 +2.0 | |
| NNS | Nan Shan | 1.43 12 | eP | Pn | 13 56 30.5 -0.8 |
| NNS | baz=30 | eS | Sb | 13 56 51.5 +1.1 | |
| PNG | Penghu | 1.47 292 | eP | Pn | 13 56 29.3 -2.5 |
| PNG | baz=293 | eS | Sb | 13 56 47.7 -3.9 | |
| ENA | Nanau | 1.53 24 | eP | Pn | 13 56 31.8 -0.8 |
| NSTT | Nanjung | 1.59 358 | eP | Pn | 13 56 33.6 +0.2 |
| NSTT | baz=30 | eS | Sn | 13 56 55.2 +0.4 | |
| YHNB | Yehng | 1.66 10 | eP | Pn | 13 56 34.4 0.0 |
| NSK | Sangiang | 1.66 10 | eP | Pn | 13 56 34.7 +0.3 |
| ENTT | baz=26 | eS | Sn | 13 56 58.0 +1.7 | |
| ENTT | Nioudou | 1.67 16 | P | Pn | 13 56 35.1 +0.6 |
| ENTT | baz=32 | eS | Sn | 13 56 59.5 +3.0 | |
| TWC | Suao | 1.73 25 | eP | Pn | 13 56 35.6 +0.2 |
| TWC | baz=29 | eS | Sn | 13 56 59.1 +1.1 | |
| TWE | Neicheng | 1.78 18 | eP | Pn | 13 56 36.9 +0.9 |
| ILA | Ilan | 1.84 20 | eP | Pn | 13 56 37.0 +0.1 |
| TATO | Taipei | 1.98 12 | eP | Pn | 13 56 39.6 +0.9 |
| TATO | Mucha | 2.00 14 | eP | Pn | 13 56 41.0 +1.9 |
| TWS1 | Kuangyinsan | 2.09 9 | eP | Pn | 13 56 41.8 +1.5 |
| NWF | Wu-fen Shan | 2.14 18 | eP | Pn | 13 56 43.3 +2.3 |
| TWB1 | Santiao Chiao | 2.15 23 | eP | Pn | 13 56 40.0 -1.1 |
| YOJ | Yonaguni jima | 2.29 51 | P | Pn | 13 56 42.4 -0.7 |
| YOJ | baz=41 | S | Sn | 13 57 11.2 -0.7 | |
| HATJ | Hateruma jima | 2.73 67 | P | Pn | 13 56 48.1 -1.0 |

| | | | | | | |
|--|------------------------------------|----------------|----------|-------|------------|-----------------|
| HATJ | KNM | Kimmen | 2.77 300 | eP | Pn | 13 57 21.7 -0.9 |
| IRIF | IRIF | Iriomote-Funau | 2.78 62 | eP | Pn | 13 56 52.3 +2.7 |
| JKRS | JKRS | Kuro-Shima | 2.97 66 | eS | Pn | 13 56 49.7 -0.6 |
| JKRS | JKRS | Kuro-Shima | 2.97 66 | eS | Pn | 13 57 27.1 -1.4 |
| JJJ | JJJ | Ishigaki jima | 3.13 64 | S | Pn | 13 56 53.5 -1.1 |
| JJJ | JJJ | Ishigaki jima | 3.13 64 | S | Pn | 13 57 30.0 -2.5 |
| JTJ | JTJ | Tarama | 3.71 64 | P | Pn | 13 57 01.9 -0.7 |
| JOGS | JOGS | Gusukube | 4.34 66 | P | Pn | 13 57 10.9 -0.4 |
| <p>ICD 02 14:03:36.5:3.7:622S:14630E,h0km,mb27/1, mb1 3.1/2,mb1mx3.0/15,mbtmp2.9/2,ML2.9/1,MS3.3/1, Ms1 3.3/1,ms1mx3.0/3,Error ellipse: s-maj=142.8km s-min=52.5km az=119.0, Eastern New Guinea region</p> | | | | | | |
| Code | Station Name | Δ° AZ° | Phase ID | Time | Res | |
| WRA | Warramunga Arr | 17.92 219 | Op | ISC | h m s | ISC |
| WRA | 0.0nm,0.3s,baz=42,slow=12,SNR=3.6 | | LR | LR | 14 07 46.4 | -0.9 |
| WRA | comp-Z,92nm,20.6s,baz=210,slow=38 | | | | | |
| ASAR | Alice Springs | 21.05 213 | P | P | 14 08 21.7 | -0.6 |
| ASAR | 0.1nm,0.4s,baz=50,slow=3.4,SNR=8.9 | | | | | |
| TORD | Tordi Ar. Bea | 144.47,284 | PKP | PKPdf | 14 23 16.9 | +0.9 |
| TORD | 1.2nm,0.6s,baz=75,slow=3.2,SNR=10 | | | | | |
| <p>ISCJB 02 14:18:28.8:0.5:37.71N:0.03:27.38E:0.04,h10km,5km, Error ellipse: s-maj=6.9km s-min=4.0km az=136.8 DDA 02 14:18:28.1,37.73N:27.38E,h7km,1km,Md2.8 ISK 02 14:18:28.8,37.73N:27.46E,h18km,Md3.0 CSEM 02 14:18:29.0,37.73N:27.44E,h15km,Md2.8,Error ellipse: s-maj=4.3km s-min=2.2km az=64.0 ISC 02 14:18:28.9:0.5,37.71N:0.03:27.37E:0.05,h14km,4km, n26,c095/39,Turkey</p> | | | | | | |
| Code | Station Name | Δ° AZ° | Phase ID | Time | Res | |
| GCAM | G'zelcam? | 0.10 266 | Op | ISC | h m s | ISC |
| GCAM | 14.13 11.2 | | Pg | Pg | 14 18 33.9 | -0.5 |
| AYDN | Tasoluk | 0.41 96 | iP | Pg | 14 18 36.6 | -0.6 |
| AYDN | 14.28 34 | | iS | Pg | 14 18 42.8 | +0.1 |
| AYDN | Tasoluk | 0.41 96 | iP | Pg | 14 18 36.6 | -0.6 |
| AYDN | 14.28 34 | | iS | Pg | 14 18 42.8 | +0.1 |
| MLSB | Milias | 0.53 141 | ePg | Pg | 14 18 49.9 | +0.2 |
| MLSB | Milias | 0.53 141 | ePg | Pg | 14 18 49.9 | +0.2 |
| MLSB | Milias | 0.53 141 | ePg | Pg | 14 18 39.1 | -0.2 |
| MLSB | Milias | 0.53 141 | ePg | Pg | 14 18 46.9 | +0.6 |
| BDRM | Kayabasi | 0.65 174 | iP | Pg | 14 18 42.5 | +0.9 |
| BDRM | Kayabasi | 0.65 174 | iP | Pg | 14 18 42.5 | +0.9 |
| BODT | Bodrum | 0.65 184 | ePg | Pg | 14 18 42.5 | +1.0 |
| BODT | Bodrum | 0.65 184 | ePg | Pg | 14 18 42.5 | +1.0 |
| BODT | Bodrum | 0.65 184 | ePg | Pg | 14 18 42.5 | +0.9 |
| IZM | Izmir | 0.69 353 | ePg | Pg | 14 18 53.2 | +1.6 |
| IZM | Izmir | 0.69 353 | ePg | Pg | 14 18 53.2 | +1.6 |
| IZM | Izmir | 0.69 353 | ePg | Pg | 14 18 53.2 | +1.6 |
| BLCB | Balcova | 0.72 339 | ePg | Pg | 14 18 43.2 | +0.2 |
| BLCB | Balcova | 0.72 339 | ePg | Pg | 14 18 43.2 | +0.2 |
| URLA | Izmir | 0.89 317 | iP | Pb | 14 18 44.5 | -1.6 |
| URLA | Izmir | 0.89 317 | iP | Pb | 14 18 59.2 | +1.4 |
| URLA | Izmir | 0.89 317 | iP | Pb | 14 18 59.2 | +1.4 |
| URLA | Izmir | 0.89 317 | iP | Pb | 14 18 59.2 | +1.4 |
| YER | Yerkesik | 0.93 128 | ePg | Pg | 14 18 46.2 | -0.6 |
| YER | Yerkesik | 0.93 128 | ePg | Pg | 14 18 46.2 | -0.6 |
| DAT | Datca | 0.99 170 | ePg | Pg | 14 18 48.7 | +0.6 |
| DAT | Datca | 0.99 170 | ePg | Pg | 14 18 48.7 | +0.6 |
| AKS | Akhisar | 1.22 17 | ePn | Pn | 14 18 50.3 | -1.3 |
| AKS | Akhisar | 1.22 17 | ePn | Pn | 14 18 50.3 | -1.3 |
| TURN | Turunc | 1.29 130 | iP | Sb | 14 18 49.2 | -3.2 |
| TURN | Turunc | 1.29 130 | iP | Sb | 14 19 09.5 | +0.2 |
| KULA | Kula-Manisa | 1.30 51 | ePn | Pn | 14 18 51.5 | -1.1 |
| KULA | Kula-Manisa | 1.30 51 | ePn | Pn | 14 18 44.7 | -0.9 |
| DNZL | Cakirokul | 1.33 90 | iP | Pn | 14 18 53.6 | +0.5 |
| DNZL | Cakirokul | 1.33 90 | iP | Pn | 14 19 11.2 | +0.6 |
| DNZL | Cakirokul | 1.33 90 | iP | Pn | 14 18 53.6 | +0.5 |
| DNZL | Cakirokul | 1.33 90 | iP | Pn | 14 19 11.2 | +0.6 |
| <p>DDA 02 14:22:38.4,38°32'N:39°55'E,h3km,4km,Md3.2 ISCJ 02 14:22:39.1,0.6,38°32'N:0.03:39°53'E:0.03,h1km,6km, Error ellipse: s-maj=4.9km s-min=3.6km az=20.5 CSEM 02 14:22:39.2,38°34'N:39°48'E,h5km,Md3.3,Error ellipse: s-maj=3.5km s-min=3.3km az=4.0 ISK 02 14:22:39.4,0.5,38°32'N:0.03:39°54'E:0.03,h3km,6km, n35,c192/50,Turkey</p> | | | | | | |
| Code | Station Name | Δ° AZ° | Phase ID | Time | Res | |
| SVRC | Sivrice-ELAZID | 0.19 288 | ePg | Pg | 14 22 42.5 | -0.6 |
| SVRC | Sivrice-ELAZID | 0.19 288 | ePg | Pg | 14 22 42.5 | -0.6 |
| ELZG | Elazig | 0.47 292 | iP | Pg | 14 22 47.8 | -0.7 |
| ELZG | Elazig | 0.47 292 | iP | Pg | 14 22 56.1 | +1.6 |
| ELZG | Elazig | 0.47 292 | iP | Pg | 14 22 47.8 | -0.7 |
| ELZG | Elazig | 0.47 292 | iP | Pg | 14 22 56.1 | +1.6 |
| PTK | Pertek | 0.58 349 | ePg | Pg | 14 22 50.8 | +0.1 |
| PTK | Pertek | 0.58 349 | ePg | Pg | 14 22 57.6 | -0.6 |
| PTK | Pertek | 0.58 349 | ePg | Pg | 14 22 50.8 | +0.1 |
| PTK | Pertek | 0.58 349 | ePg | Pg | 14 22 57.6 | -0.6 |
| DIYA | Diyarbakir | 0.61 131 | iP | Pg | 14 22 51.2 | +0.1 |
| DIYA | Diyarbakir | 0.61 131 | iP | Pg | 14 22 51.2 | +0.1 |
| DIYA | Diyarbakir | 0.61 131 | iP | Pg | 14 22 51.2 | +0.2 |
| DIYA | Diyarbakir | 0.61 131 | iP | Pg | 14 23 01.5 | +2.6 |
| MYA | Malatya | 0.88 271 | ePg | Pg | 14 22 55.2 | -1.0 |
| MYA | Malatya | 0.88 271 | ePg | Pg | 14 23 08.3 | +0.7 |
| MYA | Malatya | 0.88 271 | ePg | Pg | 14 23 08.3 | +0.7 |
| MYA | Malatya | 0.88 271 | ePg | Pg | 14 23 08.3 | +0.7 |
| BINT | Bingol | 0.93 53 | ePg | Pg | 14 22 58.4 | +1.1 |
| BINT | Bingol | 0.93 53 | ePg | Pg | 14 22 58.4 | +1.1 |
| URFA | Urfa | 1.04 213 | ePg | Pg | 14 22 59.2 | -0.3 |
| URFA | Urfa | 1.04 213 | ePg | Pg | 14 22 59.2 | -0.3 |
| KEMA | Kemaliye | 1.25 320 | iP | Pg | 14 23 02.3 | -1.1 |
| KEMA | Kemaliye | 1.25 320 | iP | Pg | 14 23 18.8 | -0.9 |
| KEMA | Kemaliye | 1.25 320 | iP | Pg | 14 23 02.3 | -1.1 |
| KEMA | Kemaliye | 1.25 320 | iP | Pg | 14 23 18.8 | -0.9 |
| ATAB | Bozova | 1.30 230 | eP | Pg | 14 23 03.2 | -1.2 |
| ATAB | Bozova | 1.30 230 | eP | Pg | 14 23 22.1 | +0.9 |
| ATAB | Bozova | 1.30 230 | eP | Pg | 14 23 03.2 | -1.2 |
| ATAB | Bozova | 1.30 230 | eP | Pg | 14 23 22.1 | +0.9 |
| MARD | Mardin | 1.40 135 | iP | Sb | 14 23 04.1 | -1.8 |
| MARD | Mardin | 1.40 135 | iP | Sb | 14 23 23.3 | -1.2 |
| BNGL | BINGOL | 1.41 63 | iP | Sb | 14 23 06.0 | +0.1 |
| BNGL | BINGOL | 1.41 63 | iP | Sb | 14 23 28.2 | +1.1 |
| BEST | Besiri | 1.43 107 | iP | Pn | 14 23 05.1 | -1.1 |
| BEST | Besiri | 1.43 107 | iP | Pn | 14 23 | |

2d 15h

Table of satellite data for the 2d 15h period, including stations like Suanglung, Wuhan, Nanjing, etc., with columns for station name, coordinates, and various parameters.

2008 JUL

Table of satellite data for the 2008 JUL period, including stations like Alice Springs, Korea Array, Erkin-Say, etc., with columns for station name, coordinates, and various parameters.

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Table of satellite data for the 64 period, including stations like Arti, Kislovodsk, Yakutsk, etc., with columns for station name, coordinates, and various parameters.

Table of satellite data for the CSEM 02 15:10:19.3, 40:24N:30:01E, h15km, MD2.9, After ISK ISK 02 15:10:19.3, 40:24N:30:01E, h15km, MD2.9, Turkey, including station names like Cavuskovy, Golpazari, etc.

Table of satellite data for the MAN 02 15:20:00.7, 746N x 126.06E, h60km, mb4.6, ML3.4, MS3.3, 1C, Mindanao, including station names like Mati, Musuan, etc.

ISCJB 02 15:23:47.5: 0.6, 36.55N, 0.07: 69.7E: 0.1, h255km, 8km, mb3.0/3, Error ellipse: s-maj=15.7km s-min=8.5km az=32.7

NEIC 02 15:23:48.6: 0.7, 36.51N: 69.89E, h252km, 9km, mb3.6/4, Error ellipse: s-maj=16.6km s-min=8.8km az=141.0

Table of satellite data for the ISC 02 15:23:48.5: 0.7, 36.49N: 0.08: 69.9E: 0.1, h250km, 9km, mb2.5, 0.675/30, mb3.2/3, 5C-3D, Hindu Kush region, including station names like KBL, KSH, etc.

Table with 5 columns: ID, Name, Az, El, Res. Rows include Didima, Neokhori, Xorichti, Alonnissos.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include University Cam, Efpalio, Lakka, Kalitheia.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include Korca, Florina, FNA, HORT, Ouranopolis.

NOU 02 15:58:45.2.1.1, 20:33S:169.57E, h10km, MD2.7, ML2.7
IDC 02 15:58:47.4.5.2, 20:20S:167.99E, h0km, mb3.7/4,
mb1 3.8/4, mb1mx3.7/14, mbtmp3.7/4, MS3.8/2, Ms1 3.8/2,

ISC 02 15:58:45.4.4.1, 20:75S:03:166.5E:0.4, h6km, 34km, n9,
o547/10, mb3.6/4, MS3.8/2, Loyalty Islands

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include KALE, KALITHEIA, KALE, KALITHEIA, KALE, KALITHEIA.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include BAYA, PLUM, NOUC, STKA, WRA, ASAR, CBIJ, SONM, PDAR.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include KALE, KALITHEIA, KALE, KALITHEIA, KALE, KALITHEIA.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include KALE, KALITHEIA, KALE, KALITHEIA, KALE, KALITHEIA.

ISC/JB 02 16:04:57.0.0.9, 31:32N:0:03:104:16E:0:07, h12km, 7km,
mb3.5/6, Error ellipse: s-maj=10.0km s-min=5.3km
az=178.9

IDC 02 16:04:56.2.1.1, 31:24N:103:86E, h0km, mb3.5/6,
mb1 3.6/7, mb1mx3.4/5, mbtmp3.5/7, ML3.4/1, Error
ellipse: s-maj=43.0km s-min=18.7km az=56.0

IDC 02 16:04:56.2.1.1, 31:24N:103:86E, h0km, mb3.5/6,
mb1 3.6/7, mb1mx3.4/5, mbtmp3.5/7, ML3.4/1, Error
ellipse: s-maj=43.0km s-min=18.7km az=56.0

NEIC 02 16:04:57.9.0.7, 31:28N:103:91E, h10km, mb4.4/1, Error
ellipse: s-maj=52.0km s-min=11.0km az=64.0

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include VLS, VLS, VLS, VLS, VLS.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include VLS, VLS, VLS, VLS, VLS.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include CD2, LZH, XAN, YWA, ASAR.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include VLS, VLS, VLS, VLS, VLS.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include VLS, VLS, VLS, VLS, VLS.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include XAN, YWA, ASAR, HHC, SONM.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include VLS, VLS, VLS, VLS, VLS.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include VLS, VLS, VLS, VLS, VLS.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include GYA, HHC, SONM, KRSR.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include VLS, VLS, VLS, VLS, VLS.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include VLS, VLS, VLS, VLS, VLS.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include MKAR, ZALV, KURK, WRAB.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include VLS, VLS, VLS, VLS, VLS.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include VLS, VLS, VLS, VLS, VLS.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include WRA, ASAR, IDC 02 16:06:20.9.3.1, 20:55S:179:36W, h0km, mb3.7/4,

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include VLS, VLS, VLS, VLS, VLS.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include VLS, VLS, VLS, VLS, VLS.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include HNR, STKA, ASAR, WRA, FITZ.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include VLS, VLS, VLS, VLS, VLS.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include VLS, VLS, VLS, VLS, VLS.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include WRA, ASAR, MKAR, JAN, JAN, JAN.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include VLS, VLS, VLS, VLS, VLS.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include VLS, VLS, VLS, VLS, VLS.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include WRA, ASAR, MKAR, JAN, JAN, JAN.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include VLS, VLS, VLS, VLS, VLS.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include VLS, VLS, VLS, VLS, VLS.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include WRA, ASAR, MKAR, JAN, JAN, JAN.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include VLS, VLS, VLS, VLS, VLS.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include VLS, VLS, VLS, VLS, VLS.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include WRA, ASAR, MKAR, JAN, JAN, JAN.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include VLS, VLS, VLS, VLS, VLS.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include VLS, VLS, VLS, VLS, VLS.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include WRA, ASAR, MKAR, JAN, JAN, JAN.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include VLS, VLS, VLS, VLS, VLS.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include VLS, VLS, VLS, VLS, VLS.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include WRA, ASAR, MKAR, JAN, JAN, JAN.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include VLS, VLS, VLS, VLS, VLS.

Table with 5 columns: Code, Station Name, Az, El, Res. Rows include VLS, VLS, VLS, VLS, VLS.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Borovoye Array, AKbulak array, Keskin Array B, etc.

IDC 02 16:44:07.7±1.9, 10.55N, 91.44E, h0km, mb3.6/5, mb1 3.7/6, mb1mx3.4/24, mbtmp3.5/6, Error ellipse: s-maj=69.9km s-min=20.0km az=64.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Chiang Mai Arr, Makanchi Array, Zaleso Beam, etc.

MEX 02 16:57:39.7±1.5, 17.54N, 94.67W, h173km, 25km, MD3.8, Chiapas, Mexico

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

IDC 02 17:01:40.2±1.2, 7.16S, 155.41E, h0km, mb3.8/6, mb1 3.8/7, mb1mx3.6/17, mbtmp3.8/7, ML3.5/1, Error ellipse: s-maj=29.7km s-min=25.8km az=82.0

ISC/JB 02 17:01:43.3±0.8, 7.3S±0.1, 155.5E±0.1, h33km, mb3.6/6, Error ellipse: s-maj=20.2km s-min=16.9km az=27.3

NEIC 02 17:01:45.1±0.6, 7.24S, 155.50E, h35km, Error ellipse: s-maj=16.5km s-min=13.9km az=212.0

ISC 02 17:01:45.2±0.8, 7.3S±0.1, 155.5E±0.1, h35km, n8, n0±59/9, mb3.6/6, Bougainville - Solomon Islands region

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

ISC/JB 02 17:07:39.3±1.4, 24.5S±0.4, 179.9E±0.2, h500km, mb4.1/17, Error ellipse: s-maj=57.8km s-min=21.6km az=161.7

IDC 02 17:07:39.3±3.0, 24.56S±1.79, 93E, h496km, 25km, mb3.5/5, mb1 3.7/5, mb1mx3.3/15, mbtmp3.5/5, Error ellipse: s-maj=85.5km s-min=25.5km az=162.0

NEIC 02 17:07:39.3±1.4, 24.56S±1.79, 93E, h500km, mb4.3/1, Error ellipse: s-maj=99.7km s-min=21.9km az=164.0

ISC 02 17:07:40.2±1.4, 24.5S±0.4, 179.9E±0.2, h500km, n15, n0±70/15, mb4.1/11, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Eidsvoll, Cobar Meteorol, MTSU Mount Surprise, etc.

ISC/JB 02 17:11:15.0±0.4, 18.83S±0.04, 69.33W±0.04, h98km, 4km, mb4.4/48, Error ellipse: s-maj=7.6km s-min=6.3km az=40.3

NEIC 02 17:11:16.2±0.3, 19.02S±69.39W, mb4.5/34, Error ellipse: s-maj=11.3km s-min=6.9km az=46.0

NEIC Felt [I] at Arica, Camina, Huaru, Pozo Almonte and Putre. BUJ 02 17:11:17.2, 19.00S±69.40W, h104km, mb4.8/5

IDC 02 17:11:17.7±0.6, 18.84S±69.30W, h11km, 4km, mb4.1/17, mb1 4.2/17, mb1mx4.2/21, mbtmp4.1/17, MS3.3/3, Ms1 3.5/3, ms1mx3.0/17, Error ellipse: s-maj=16.3km s-min=12.0km az=47.0

GUC 02 17:11:17.5±0.4, 19.03S±69.50W, h104km, 2km, ML4.8

ISC 02 17:11:16.7±0.4, 18.91S±0.04, 69.31W±0.04, h98km, 4km, n107km, 8km, nP, n365, n0±72/351, mb4.4/49, 132C-132D, Northern Chile

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

Table with columns: LPAZ, LPaz, Plate Boundary, etc. Includes stations like LPaz, Plate Boundary, San Ignacio, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Nana, Las Campanas, Coronel Fontan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like El Apazole, Matias Romero, Cox Ranch, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Black Gap, Mar, Terlingua, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Wristen Ranch, McDonald Obser, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Caldwell Ranch, Bennett, Jal, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Moseley Ranch, Cornudas Mount, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Deer Hill, Car, Tatum, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Owens Ranch, T, Playas Peak, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like X Lzy L Ranch, X Bar L Ranch, etc.

Table with columns: baz=64, SNR=5.5, Point of Rocks, etc. Includes stations like Point of Rocks, Rampart Ranch, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Paso Flores, Pas 217 183 P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like El Apazole, Matias Romero, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Wristen Ranch, McDonald Obser, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Caldwell Ranch, Bennett, Jal, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Moseley Ranch, Cornudas Mount, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Deer Hill, Car, Tatum, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Owens Ranch, T, Playas Peak, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like X Lzy L Ranch, X Bar L Ranch, etc.

| | | | | | |
|------|--|-----------|----|---|-----------------|
| S16A | Weppner Ranch, baz=69 | 68.95 325 | ↑P | P | 17 22 11.6 +0.4 |
| V13A | Grand Canyon W | 68.96 322 | ↑P | P | 17 22 11.8 +0.5 |
| R17A | Hankle Air | 69.00 326 | ↓P | P | 17 22 11.5 0.0 |
| P19A | Cripple Cowboy | 69.02 328 | ↑P | P | 17 22 11.6 0.0 |
| O20A | White River Ci | 69.04 329 | ↑P | P | 17 22 11.6 -0.1 |
| GMRC | Granite Mounta | 69.21 320 | ↑P | P | 17 22 13.7 +0.8 |
| T14A | Hurricane | 69.30 324 | ↑P | P | 17 22 14.2 +0.8 |
| U13A | Paikon Wash | 69.34 323 | ↑P | P | 17 22 14.2 +0.5 |
| V12A | Nelson | 69.38 322 | ↓P | P | 17 22 14.4 +0.5 |
| N20A | Spence Gulch, | 69.59 329 | ↓P | P | 17 22 14.8 -0.3 |
| O19A | Miners Draw (B | 69.60 328 | ↑P | P | 17 22 15.0 -0.2 |
| Q16A | Castle Valley | 69.61 326 | ↓P | P | 17 22 15.6 +0.3 |
| HEC | Hector,Ludlow | 69.65 320 | ↓P | P | 17 22 16.5 +0.9 |
| P18A | Preston Nutter | 69.65 327 | ↑P | P | 17 22 15.8 +0.2 |
| U12A | Valley of Fire | 69.68 322 | ↑P | P | 17 22 16.1 +0.3 |
| T13A | Saint George | 69.73 323 | ↓P | P | 17 22 16.9 +0.8 |
| M21A | Separation Pea | 69.76 330 | ↑P | P | 17 22 16.1 -0.1 |
| ARUT | Antelope Range | 70.01 324 | eP | P | 17 22 18.9 +1.1 |
| ARUT | L21A Rawlins | 70.04 331 | ↓P | P | 17 22 17.4 -0.5 |
| M20A | Sweetwater, Wa | 70.06 330 | ↓P | P | 17 22 17.9 -0.1 |
| N19A | John Jarvie Ra | 70.08 329 | ↑P | P | 17 22 18.0 -0.1 |
| S13A | Holt Ranch, En | 70.10 324 | ↑P | P | 17 22 19.3 +1.0 |
| GSC | Goldstone | 70.25 320 | ↑P | P | 17 22 19.9 +0.6 |
| RSSD | Black Hills | 70.31 334 | eP | P | 17 22 19.2 -0.2 |
| O17A | Robinson Place | 70.33 327 | ↑P | P | 17 22 19.9 +0.2 |
| N18A | Larsen Ranch, | 70.38 329 | ↑P | P | 17 22 20.5 +0.6 |
| L20A | Wamsutter | 70.53 330 | ↑P | P | 17 22 20.7 -0.1 |
| R13A | O'Grain Ranch, | 70.59 324 | ↑P | P | 17 22 22.2 +1.0 |
| T11A | Corn Creek, Al | 70.64 323 | ↑P | P | 17 22 22.3 +0.7 |
| EDW2 | Edwards Air Fo | 70.70 319 | ↑P | P | 17 22 22.7 +0.6 |
| U10A | Ash Meadows, A | 70.72 321 | ↑P | P | 17 22 23.0 +0.9 |
| DAU | Daniels Canyon | 70.75 327 | eP | P | 17 22 23.2 +0.8 |
| DAU | Q14A Sevier Lake (B | 70.78 325 | ↓P | P | 17 22 48.7 +1.3 |
| LRMC | Laurel Mountai | 70.91 320 | ↑P | P | 17 22 23.5 +0.2 |
| N17A | Moffit Pass | 70.94 328 | ↑P | P | 17 22 23.8 +0.5 |
| K20A | Yellowstone Ra | 71.03 331 | ↓P | P | 17 22 23.5 -0.3 |
| R12A | Pony Springs, | 71.05 324 | ↑P | P | 17 22 25.1 +1.0 |
| FURC | Furnace Creek, | 71.07 321 | ↓P | P | 17 22 25.3 +1.0 |
| L19A | Farson | 71.09 330 | ↓P | P | 17 22 24.1 -0.1 |
| P14A | Drum Mountains | 71.10 326 | ↑P | P | 17 22 25.2 +0.8 |
| Q13A | Wheeler Ranch, | 71.16 325 | ↑P | P | 17 22 25.6 +0.8 |
| MPMC | Manual Prospec | 71.17 320 | ↑P | P | 17 22 25.4 +0.5 |
| N16A | Rees Ranch, Co | 71.20 328 | ↑P | P | 17 22 25.6 +0.7 |
| M17A | Scullys Gap (B | 71.25 328 | ↑P | P | 17 22 25.3 +0.1 |
| QSPA | South Pole Qui | 71.27 180 | P | P | 17 22 25.6 +0.8 |
| L18A | Fontenelle, R | 71.28 329 | ↑P | P | 17 22 25.6 +0.2 |
| K19A | Absolon Red Bu | 71.40 330 | ↑P | P | 17 22 25.6 -0.4 |
| DUG | Dugway | 71.40 326 | ↑P | P | 17 22 26.4 +0.2 |
| ISA | Isabella | 71.51 319 | ↑P | P | 17 22 27.9 +1.0 |
| ISA | Isabella | 71.51 319 | eP | P | 17 22 27.3 +0.4 |
| ISA | P13A Bates Ranch, G | 71.52 325 | ↓P | P | 17 22 53.6 +1.5 |
| R11A | Troy Canyon, C | 71.61 323 | ↓P | P | 17 22 27.5 +0.7 |
| Q12A | Willow Creek R | 71.67 324 | ↓P | P | 17 22 28.5 +0.7 |
| PDAR | Pinedale Array | 71.69 330 | P | P | 17 22 27.0 -0.8 |
| PDAR | comp=N,1.1nm,0.7s,baz=112,slo=6.9,SNR=5.5 | | | | 17 22 55.1 +2.1 |
| HWUT | Hardware Ranch, | 71.80 328 | eP | P | 17 22 27.9 -0.6 |
| L17A | Cokeville | 71.82 329 | ↑P | P | 17 22 28.6 0.0 |
| K18A | Toltan Ranch, | 71.82 330 | ↓P | P | 17 22 28.8 +0.2 |
| PKM | Peak Mountain | 71.86 318 | ↑P | P | 17 22 29.7 +0.8 |
| S10A | Tonopah Range, | 71.90 322 | ↑P | P | 17 22 29.7 +0.6 |
| Q11A | Duckwater | 72.00 324 | ↑P | P | 17 22 30.4 +0.7 |
| P12A | McGill | 72.02 324 | ↑P | P | 17 22 30.6 +0.8 |
| N14A | Grayback Hills | 72.08 326 | ↑P | P | 17 22 30.4 +0.2 |
| M15A | Larsen Ranch, | 72.14 327 | ↑P | P | 17 22 30.8 +0.3 |
| J18A | Kendall Valley | 72.25 330 | ↑P | P | 17 22 30.9 -0.2 |
| Q10A | Clear Creek Ra | 72.30 323 | ↓P | P | 17 22 33.0 +0.8 |
| O12A | Currie | 72.49 325 | ↓P | P | 17 22 33.0 +0.3 |
| L15A | Malad City | 72.50 328 | ↓P | P | 17 22 32.4 -0.3 |
| H18A | Diamond G Ranc | 72.53 330 | ↑P | P | 17 22 32.8 0.0 |
| M14A | Sheep Mountain | 72.63 327 | ↑P | P | 17 22 33.2 -0.2 |
| K16A | Soda Springs | 72.72 329 | ↑P | P | 17 22 34.7 +0.8 |
| L14A | Malta | 72.96 327 | ↓P | P | 17 22 35.4 0.0 |
| RR12 | Red Ridge | 72.97 329 | eP | P | 17 22 35.5 +0.1 |
| RR12 | comp=N,4.5nm,0.8s,mb4.2 | | | | 17 23 01.7 +1.0 |
| J16A | Bone | 73.06 329 | ↑P | P | 17 22 36.2 +0.3 |
| K15A | Arbon | 73.08 328 | ↓P | P | 17 22 36.0 0.0 |
| ELK | Elko | 73.09 325 | P | P | 17 22 35.8 -0.4 |
| ELK | comp=N,1.4nm,0.7s,mb3.9,baz=71,slo=3.2,SNR=6.7 | | | | 17 23 03.6 +2.2 |
| NVAR | Mina Array Baz | 73.23 322 | P | P | 17 22 37.8 +0.7 |
| NVAR | comp=N,2.5nm,0.9s,mb4.0,baz=156,slo=7.4,SNR=13 | | | | 17 23 05.1 +2.7 |
| L13A | Double Diamond | 73.36 327 | ↓P | P | 17 22 37.8 +0.1 |
| RLMT | Red Lodge | 73.37 327 | ↑P | P | 17 22 38.2 +0.5 |
| RLMT | Red Lodge | 73.37 332 | eP | P | 17 22 37.9 +0.2 |
| RLMT | comp=N,2.2nm,0.6s,mb4.2 | | | | |

| | | | | | |
|------|--|-----------|----|---|-----------------|
| M12A | Wells | 73.39 326 | ↓P | P | 17 22 38.3 +0.3 |
| SCHO | Schefferville | 73.47 1 | P | P | 17 22 40.5 +2.4 |
| SCHO | comp=N,2.9nm,0.7s,mb4.1,baz=222,slo=12,SNR=2.1 | | | | 17 23 05.6 +2.2 |
| SCHO | Schefferville | 73.47 1 | P | P | 17 22 40.5 +2.4 |
| J15A | Blackfoot | 73.56 329 | ↑P | P | 17 22 38.9 +0.1 |
| G18A | Lazy Elk Ranch, | 73.65 332 | ↓P | P | 17 22 39.2 -0.2 |
| K13A | Stover Farm, H | 73.84 327 | ↑P | P | 17 22 41.3 +0.7 |
| M11A | Holland Ranch, | 73.87 325 | ↑P | P | 17 22 41.4 +0.6 |
| DGMT | Dagmar | 73.96 337 | ↑P | P | 17 22 41.6 +0.5 |
| H16A | Russell Place, | 73.96 330 | ↑P | P | 17 22 41.8 +0.6 |
| L12A | House Creek Ra | 73.96 326 | ↑P | P | 17 22 41.8 +0.6 |
| J14A | Carey | 74.04 328 | ↑P | P | 17 22 42.3 +0.7 |
| GCMT | Greycliff | 74.06 332 | eP | P | 17 22 41.9 +0.1 |
| GCMT | comp=N,6.9nm,1.0s,mb4.3 | | | | 17 23 08.2 +1.1 |
| F18A | Big Timber | 74.17 332 | ↓P | P | 17 22 42.4 0.0 |
| K12A | Draper Farm, C | 74.25 327 | ↓P | P | 17 22 43.7 +0.7 |
| M10A | L.L. Ranch, Tu | 74.34 325 | ↑P | P | 17 22 44.2 +0.8 |
| L11A | Cat Creek Ranc | 74.36 326 | ↑P | P | 17 22 44.0 +0.3 |
| J13A | Cove Ranch, Pi | 74.42 328 | ↑P | P | 17 22 44.0 0.0 |
| I14A | Mackay | 74.44 329 | ↓P | P | 17 22 44.5 +0.4 |
| F17A | Fitzpatrick Pl | 74.59 331 | ↑P | P | 17 22 45.1 +0.3 |
| G16A | Moss Hill, Enn | 74.61 330 | ↑P | P | 17 22 45.2 +0.2 |
| HLID | Hailey | 74.66 328 | eP | P | 17 22 45.7 +0.4 |
| HLID | comp=N,8.4nm,1.0s,mb4.4 | | | | 17 23 11.7 +1.1 |
| L10A | Juniper Basin | 74.68 326 | ↓P | P | 17 22 45.8 +0.4 |
| I13A | Wildhorse Cree | 74.77 328 | ↑P | P | 17 22 46.6 +0.7 |
| E18A | Harlowton | 74.77 332 | ↓P | P | 17 22 45.9 0.0 |
| J12A | Stokes Ranch, | 74.79 327 | ↓P | P | 17 22 46.4 +0.3 |
| MCMT | McKenzie Canyo | 74.81 329 | eP | P | 17 22 46.6 +0.5 |
| MCMT | comp=N,2.9nm,1.0s,mb4.0 | | | | 17 23 14.0 +2.5 |
| BOZ | Bozeman (W) | 74.84 331 | ↓P | P | 17 22 46.4 +0.1 |
| H14A | Leadore | 74.91 329 | ↓P | P | 17 22 47.1 +0.4 |
| K11A | Parker Ranch, | 74.94 326 | ↓P | P | 17 22 47.4 +0.5 |
| E17A | Marlinsdale | 75.11 332 | ↓P | P | 17 22 47.7 -0.1 |
| I12A | Atlanta | 75.19 328 | ↑P | P | 17 22 49.2 +0.9 |
| D18A | Linhart Farms, | 75.20 333 | ↑P | P | 17 22 48.3 0.0 |
| MFID | Camas Ranch, | 75.28 327 | ↑P | P | 17 22 49.0 +0.5 |
| H13A | Challis | 75.30 329 | ↓P | P | 17 22 49.3 +0.3 |
| BEKR | Beckworth | 75.38 322 | ↓P | P | 17 22 49.8 +0.2 |
| K10A | MacKenzie Ranc | 75.38 326 | ↓P | P | 17 22 49.6 +0.2 |
| F15A | Butte | 75.39 330 | ↓P | P | 17 22 49.7 +0.3 |
| E16A | East Helena | 75.53 331 | ↓P | P | 17 22 50.7 +0.5 |
| D17A | Shawmon Ra | 75.56 332 | ↑P | P | 17 22 50.3 -0.1 |
| H12A | Diamond D Ranc | 75.59 328 | ↑P | P | 17 22 50.9 +0.3 |
| G13A | Cobalt | 75.67 329 | ↑P | P | 17 22 51.8 +0.7 |
| EGMT | Eagleton | 75.83 333 | ↓P | P | 17 22 51.9 0.0 |
| EGMT | Eagleton | 75.83 333 | eP | P | 17 22 51.5 -0.4 |
| EGMT | comp=N,6.9nm,1.0s,mb4.3 | | | | 17 23 17.2 -0.1 |
| D16A | Dana Ranch, Ca | 75.85 332 | ↓P | P | 17 22 52.5 +0.4 |
| E15A | Deer Lodge | 75.89 331 | ↑P | P | 17 22 52.3 0.0 |
| C17A | Wharram Farm, | 75.96 333 | ↑P | P | 17 22 52.5 -0.1 |
| B18A | Bearsley Farm | 76.12 334 | ↓P | P | 17 22 53.3 -0.2 |
| F13A | Darby | 76.23 329 | ↓P | P | 17 22 54.5 +0.3 |
| G12A | Big Creek, Yel | 76.24 328 | ↑P | P | 17 22 54.6 +0.3 |
| H11A | Donnelly | 76.28 328 | ↓P | P | 17 22 54.9 +0.4 |
| E14A | Clinton | 76.28 330 | ↓P | P | 17 22 55.1 +0.6 |
| D15A | Lincoln | 76.30 331 | ↓P | P | 17 22 55.1 +0.5 |
| C16A | Fuhringer Ranc | 76.52 332 | ↓P | P | 17 22 55.5 -0.3 |
| A18A | Metzger Ranch, | 76.56 334 | ↑P | P | 17 22 55.4 -0.6 |
| H10A | Noah's Angus R | 76.58 327 | ↑P | P | 17 22 56.9 +0.7 |
| E13A | Victor | 76.63 330 | ↑P | P | 17 22 56.8 +0.3 |
| F12A | Elk City | 76.65 329 | ↓P | P | 17 22 56.7 +0.1 |
| I09A | Lost Marbles R | 76.67 326 | ↑P | P | 17 22 56.9 +0.2 |
| TORD | Toni Ar. Bea | 76.86 71 | P | P | 17 22 57.1 -1.4 |
| C15A | Salmond Ranch, | 76.88 332 | ↓P | P | 17 22 58.1 +0.2 |
| G11A | Walters Elk Ra | 76.90 328 | ↑P | P | 17 22 58.8 +0.8 |
| BMO | Blue Mountains | 77.05 327 | eP | P | 17 22 58.2 -0.6 |
| BMO | comp=N,6.5nm,1.1s,mb4.3 | | | | 17 23 26.0 +1.7 |
| F11A | Grangeville | 77.19 328 | ↓P | P | 17 23 00.0 +0.4 |
| D13A | Huson | 77.23 330 | ↑P | P | 17 23 00.1 +0.2 |
| G10A | Bishop Farm, J | 77.26 328 | ↓P | P | 17 23 00.4 +0.5 |
| B15A | Bradley Ranch, | 77.27 332 | ↑P | P | 17 22 59.5 -0.5 |
| E12A | Beaver Dam Sad | 77.28 329 | ↑P | P | 17 23 00.1 0.0 |
| C14A | Swan Lake | 77.40 331 | ↑P | P | 17 23 00.9 +0.2 |
| H08A | Prairie City | 77.53 326 | ↓P | P | 17 23 02.4 +0.8 |
| K05A | Summer Lake | 77.54 324 | ↓P | P | 17 23 02.5 +0.9 |
| G09A | Cove | 77.58 327 | ↑P | P | 17 23 02.3 +0.5 |
| B14A | Marquette Hill | 77.62 332 | ↓P | P | 17 23 02.0 +0.1 |
| D12A | Red Ives Fores | 77.63 330 | ↓P | P | 17 23 02.3 +0.3 |
| C13A | Hot Springs | 77.71 331 | ↑P | P | 17 23 02.5 +0.1 |
| F10A | Beach Ranch, E | 77.78 328 | ↓P | P | 17 23 03.3 +0.4 |
| YBH | Yreka Blue Hor | 77.94 322 | P | P | 17 23 02.8 -1.1 |
| A14A | Double T Ranch | 78.14 332 | ↓P | P | 17 23 04.4 -0.4 |
| C12B | Naegeli Ranch, | 78.16 330 | ↑P | P | 17 23 05.3 +0.3 |
| B13A | Whitefish | 78.17 331 | ↑P | P | 17 23 04.9 -0.1 |
| G08A | Pilot Rock | 78.20 327 | ↑P | P | 17 23 05.8 +0.6 |
| SBA | Scott Base | 78.29 190 | eP | P | 17 23 06.5 +1.1 |

| | | | | | |
|------|---|-----------|----|---|-----------------|
| WALA | Waterton Lakes | 78.42 332 | eP | P | 17 23 05.8 -0.5 |
| WALA | comp=N,0.3nm,1.0s | | | | |
| A13A | Flathead Nat | 78.55 332 | ↑P | P | 17 23 33.1 +1.2 |
| E09A | Wood Farm, Sta | 78.62 328 | ↑P | P | 17 23 07.8 +0.3 |
| C11A | Tepee Creek (N | 78.62 330 | ↓P | P | 17 23 07.4 0.0 |
| F04A | Amboy | 80.45 326 | ↓P | P | 17 23 18.0 +0.6 |
| B08A | Colville Reser | 80.47 329 | ↑P | P | 17 23 17.6 +0.1 |
| HEBO | Mount Hebo | 80.72 324 | eP | P | 17 23 16.3 -2.6 |
| D05A | Enumclaw | 81.03 327 | ↑P | P | 17 23 21.0 +0.5 |
| EDM | Edmonton | 81.27 335 | eP | P | 17 23 20.3 -1.3 |
| EDM | comp=N,1.5nm,0.6s,mb3.9,baz=242,slo=4.7,SNR=6.2 | | | | 17 23 47.8 +0.5 |
| JCW | Jim Creek | 81.65 327 | eP | P | 17 23 59.0 +1.0 |
| JCW | comp=N,1.1nm,0.9s,mb4.7 | | | | 17 23 22.6 -1.2 |
| ESDC | Sonsecia Array | 84.27 45 | P | P | |

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Champ du Feu, KMBQ Kilima Mbogo, and various other locations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KBD Kabd, Al-Radifah, Mutribah, and various other locations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SIVA Sivas, ARG Arkhangelos, and various other locations.

CSEM 02 20:45:15.4±0.5, 29.46N, 49.29E, h2km, ML3.7, Error ellipse: s-maj=17.1km s-min=6.5km az=143.0, Persian Gulf

NEIC 02 21:50:13.4, 35°08'N-26°70'E, h27km, MD3.6 (ATH), After ATH, CSEM 02 21:50:13.4, 35°08'N-26°70'E, h27km, MD3.6, After ATH, ATH 02 21:50:13.5, 35°08'N-26°70'E, h26km, 1km, MD3.6/10, Crete

ISCJBJ 02 22:01:14.8±0.4, 32°27'N-0°04'±105°30'E±0°05, h10km, mb3.9/16, Error ellipse: s-maj=6.2km s-min=5.2km az=28.1, IDC 02 22:01:16.1±0.8, 32°37'N-105°19'E, h0km, mb3.8/10, mb1.3/9.13, mb1mx3.8/27, mbtmp3.8/13, ML3.5/3, Error ellipse: s-maj=31.4km s-min=16.2km az=54.0, NEIC 02 22:01:17.6±0.5, 32°38'N-105°18'E, h10km, mb3.9/8, Error ellipse: s-maj=12.6km s-min=7.6km az=80.0, BUJ 02 22:01:18.5, 32°33'N-105°22'E, h14km, mb4.4/1, mb4.0/2, ML4.0/15, MS3.8/6, Ms7.3/5.5, ISC 02 22:01:17.0±0.4, 32°31'N-0°04'±105°26'E±0°04, h10km, n31, r1902/40, mb3.9/16, Sichuan

Table with columns for station name, coordinates, elevation, and various data points. Includes stations like AAI, KAKA, DAV, LUWI, KNA, etc.

Table with columns for station name, coordinates, elevation, and various data points. Includes stations like KMI, CM31, CHTO, VLA, etc.

Table with columns for station name, coordinates, elevation, and various data points. Includes stations like YAK, WMO, KSH, ZAAO, etc.

ICD 02:24:55.1±1.9, 1.40N, 126.80E, h0km, mb3.6/4, mb1.3/8.4, mb1mx3.4/20, mbtmp3.6/4, Error ellipse: s-max=171.9km s-min=25.5km az=66.0, Northern Molucca Sea

3d 1h

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TCU Taichung, PNG Penghu, WHF Hehuan Shan, HEN Hengchun, etc.

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

2008 JUL

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CEN1 Los Morros, ANCH Antofagasta, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MKAR Makanchi Array, KURK Kurchatov, etc.

ISCJBJ 03 00:55:11.8±0.5, 45°58'N, 0°03:26'37"E±0.05, h152km, 5km, Error ellipse: s-maj=5.2km, s-min=4.4km, az=171.6

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MLR Muntele Rosu, PLOST Plostina, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VRI Vrincoiaia, GRER Grer, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ODB Odobesti, PETR Petr, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AMRR Amara, BUC1 Bucharest, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CFR Carcaliu, LEO Leova, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CVD Cernavoda, TIRR Tirusor, etc.

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

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PB04 Plate Boundary, PB04 Plate Boundary, etc.

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Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BUR01 Bucovina Ar. S, BUR01 Bucovina Ar. S, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BUR08 Bucovina Ar. S, PSN Preselentsi, etc.

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

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

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BZS Buzias, ZAPS Zavoji, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CRVS Cervenica-Dubn, DIVS Divibare, etc.

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

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

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JNBK Urakawa-nobuka, JEM Erimo, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ERM Erimo, JCH Churui, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JBT2 Bitorari 2, JBT2 Bitorari 2, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MKAR, NDI, AYAN, KHET, SONA, KURK, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like VSR, Storzhevo, VSR, VSR, VSR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Phase ID, Time, and Res. Includes stations like PNIG, TEIG, JMA, NEIC, IDC, etc.

h562km,4km,h564km,2.4km,p-P,N,1728,-0680/931, mb5.6/200,300C-30ZD, South of Fiji Islands

| Code | Station Name | Lat | Long | Phase ID | Time | Res | ISC |
|-------|--|-----------|-----------------------------------|----------|------------|------|-----|
| RAO | Raoul Island | 5.94 164 | 173.75 195 | Op P | 03 04 15.4 | +0.9 | |
| RAO | 633nm,0.3s,baz=80,slow=21,SNR=126 | | | S | 03 05 31.8 | -3.5 | |
| MSVF | Nonsavu | 6.11 340 | 173.75 195 | P | 03 04 15.1 | -1.2 | |
| MSVF | 21um,0.5s | | | P | 03 04 15.6 | -0.7 | |
| MSVF | 2um,0.6s | 6.11 340 | 173.75 195 | eS | 03 05 39.8 | +1.6 | |
| AFI | Afiamaul | 12.17 40 | 185nm,0.3s,baz=48,slow=31,SNR=157 | S | 03 05 11.4 | -5.0 | |
| AFI | 136nm,0.3s,baz=33,slow=22,SNR=5.6 | | | S | 03 07 20.7 | -7.6 | |
| AFI | Afiamaul | 12.17 40 | 185nm,0.3s,baz=48,slow=31,SNR=157 | S | 03 05 11.4 | -5.0 | |
| AFI | 136nm,0.3s,baz=33,slow=22,SNR=5.6 | | | S | 03 07 20.7 | -7.6 | |
| AFI | comp=Z,185nm,0.3s | | | pmx | | | |
| AFI | comp=N,136nm,0.3s | | | smx | | | |
| AFI | Afiamaul | 12.17 40 | 185nm,0.3s,baz=48,slow=31,SNR=157 | eP | 03 05 11.3 | -5.1 | |
| ONTRN | Noumea | 12.78 273 | 173.75 195 | P | 03 05 22.9 | +0.4 | |
| DZM | Mont Dzumac | 12.82 274 | 173.75 195 | P | 03 05 23.9 | +0.9 | |
| NOUC | Port Laguerre | 12.95 274 | 173.75 195 | eP | 03 05 23.7 | -0.6 | |
| OZU | Omahuta | 13.03 205 | 173.75 195 | eP | 03 05 27.9 | +3.0 | |
| OZU | 13.03 205 | | | eS | 03 07 59.3 | +1.5 | |
| OZU | 15.12 191 | | | eS | 03 12 50.6 | +0.2 | |
| OZU | 14.10 199 | | | eS | 03 05 27.9 | +3.0 | |
| KAAZ | Kauri Point | 14.10 199 | 173.75 195 | PN | 03 05 30.8 | +2.1 | |
| MXZ | Matakaoa Point | 14.10 186 | 173.75 195 | PN | 03 05 34.1 | -1.8 | |
| OTAZ | Otara | 14.16 198 | 173.75 195 | PN | 03 05 38.8 | +2.4 | |
| MKAZ | Moutakari | 14.24 197 | 173.75 195 | PN | 03 05 39.1 | +1.8 | |
| WTAZ | Waatarua | 14.24 199 | 173.75 195 | PN | 03 05 39.3 | +2.0 | |
| PUZ | Puketiti | 14.41 186 | 173.75 195 | PN | 03 05 41.0 | +0.3 | |
| TOZ | Tahuroa Road | 14.75 195 | 173.75 195 | PN | 03 05 43.8 | +1.3 | |
| FUNA | Funafuti | 14.94 356 | 173.75 195 | P | 03 05 40.5 | -4.3 | |
| URZ | Urewera | 14.94 190 | 173.75 195 | P | 03 05 42.5 | -2.0 | |
| URZ | comp=N,154nm,0.3s,baz=22,slow=2,SNR=130 | | | S | 03 08 17.1 | -2.4 | |
| URZ | comp=N,71nm,0.3s,baz=100,slow=23,SNR=12 | | | S | 03 05 42.6 | -1.9 | |
| URZ | Urewera | 14.94 190 | 173.75 195 | P | 03 05 42.6 | -1.9 | |
| URZ | 14.94 190 | | | eS | 03 08 16.6 | -2.9 | |
| URZ | Urewera | 14.94 190 | 173.75 195 | PN | 03 05 41.8 | -2.7 | |
| MWZ | Matawai | 14.96 188 | 173.75 195 | PN | 03 05 43.6 | -1.0 | |
| MWZ | 14.96 188 | | | SN | 03 08 14.6 | -5.1 | |
| CNGZ | Carnagh Statio | 15.03 186 | 173.75 195 | PN | 03 05 45.5 | +0.0 | |
| RRZ | Republican Roa | 15.03 186 | 173.75 195 | PN | 03 05 33.1 | +0.8 | |
| HRZ | Handcock Road | 15.21 192 | 173.75 195 | PN | 03 05 47.4 | +0.2 | |
| PRGZ | Paritu Road | 15.49 187 | 173.75 195 | ePN | 03 05 49.7 | -0.4 | |
| RAHZ | Arahi | 15.59 189 | 173.75 195 | ePN | 03 05 48.9 | -2.0 | |
| KNZ | Kokoho | 15.62 187 | 173.75 195 | PN | 03 05 49.4 | -1.7 | |
| HIZ | Hauti | 15.65 196 | 173.75 195 | PN | 03 05 52.9 | +1.5 | |
| SKZ | Black Stump Fm | 16.08 193 | 173.75 195 | PN | 03 05 51.8 | +2.3 | |
| OTVZ | Oturere | 16.08 193 | 173.75 195 | PN | 03 05 54.7 | -0.7 | |
| OTVZ | 16.08 193 | | | SN | 03 08 38.6 | +0.3 | |
| MCHZ | McNeill Hill | 16.17 190 | 173.75 195 | PN | 03 05 54.3 | -1.9 | |
| MCHZ | 16.17 190 | | | SN | 03 08 38.2 | -6.9 | |
| FWVZ | Far West T-bar | 16.20 193 | 173.75 195 | PN | 03 05 57.7 | -0.8 | |
| VRZ | Vera Road | 16.25 195 | 173.75 195 | PN | 03 05 58.3 | +1.3 | |
| CKHZ | Cape Kidnapper | 16.32 189 | 173.75 195 | PN | 03 05 56.1 | -1.5 | |
| PKXZ | Pawanui | 16.72 189 | 173.75 195 | PN | 03 05 59.8 | -1.4 | |
| PKXZ | 16.72 189 | | | SN | 03 08 39.8 | -2.4 | |
| WAZ | Wanganui | 16.80 194 | 173.75 195 | PN | 03 06 03.4 | -1.8 | |
| TSZ | Takapari Road | 16.89 191 | 173.75 195 | PN | 03 06 01.2 | -1.6 | |
| DVHZ | Dannevirke | 17.09 191 | 173.75 195 | PN | 03 06 03.4 | -1.3 | |
| DVHZ | 17.09 191 | | | SN | 03 08 51.6 | -3.1 | |
| POWZ | Post Office Ro | 17.25 192 | 173.75 195 | PN | 03 06 05.1 | -1.0 | |
| BFZ | Birch Farm | 17.45 190 | 173.75 195 | PN | 03 06 06.8 | -1.5 | |
| BFZ | 17.45 190 | | | eS | 03 08 54.8 | -5.6 | |
| MRZ | Mangatainoka R | 17.55 192 | 173.75 195 | PN | 03 06 07.3 | -1.6 | |
| MRZ | 17.55 192 | | | SN | 03 09 00.3 | -1.9 | |
| KIW | Kapiti Island | 17.87 193 | 173.75 195 | PN | 03 06 11.0 | -0.9 | |
| TMWZ | Te Maipa | 17.92 191 | 173.75 195 | PN | 03 06 12.1 | -0.2 | |
| DUIWZ | D'Urville Isla | 18.04 196 | 173.75 195 | PN | 03 06 13.7 | +0.3 | |
| CANN | Cannon Point | 18.08 193 | 173.75 195 | PN | 03 06 13.1 | -0.6 | |
| TRWZ | Traveller | 18.24 191 | 173.75 195 | PN | 03 06 13.9 | -1.3 | |
| MSWZ | Moikau Station | 18.34 192 | 173.75 195 | PN | 03 06 14.6 | -1.5 | |
| SNZO | South Karori | 18.35 193 | 173.75 195 | eP | 03 06 16.4 | +0.2 | |
| SNZO | comp=N,94nm,0.7s | | | P | 03 06 16.2 | 0.0 | |
| SNZO | South Karori | 18.35 193 | 173.75 195 | PN | 03 06 16.2 | 0.0 | |
| TCW | Tory Channel | 18.35 194 | 173.75 195 | ePN | 03 09 13.5 | -1.7 | |
| TCW | 18.35 194 | | | SN | 03 06 18.8 | +1.8 | |
| QRZ | Quartz Range | 18.45 199 | 173.75 195 | PN | 03 09 20.1 | +3.2 | |
| GRZ | Gravelly | 18.45 199 | 173.75 195 | PN | 03 09 20.1 | +3.2 | |
| PLWZ | Pailliser | 18.49 192 | 173.75 195 | PN | 03 06 15.1 | -1.6 | |
| NNZ | Nelson | 18.57 196 | 173.75 195 | PN | 03 06 17.3 | -0.9 | |
| NNZ | 18.57 196 | | | SN | 03 09 17.8 | -1.1 | |
| RAR | Rarotonga | 18.61 87 | 173.75 195 | eP | 03 06 17.9 | -1.0 | |
| RAR | comp=Z,502nm,1.0s | | | pmx | | | |
| RAR | Rarotonga | 18.61 87 | 173.75 195 | eP | 03 06 17.9 | -1.0 | |
| RAR | comp=Z,502nm,1.0s | | | pmx | | | |
| TUWZ | Tuamaria | 18.63 195 | 173.75 195 | PN | 03 06 18.6 | -0.2 | |
| CMWZ | Cape Campbell | 18.87 194 | 173.75 195 | PN | 03 06 22.2 | +1.2 | |
| CMWZ | 18.87 194 | | | SN | 03 09 26.2 | +2.2 | |
| THZ | Tophouse | 19.21 197 | 173.75 195 | PN | 03 06 24.7 | +0.6 | |
| THZ | 19.21 197 | | | SN | 03 09 26.4 | -2.7 | |
| KHZ | Kahutara | 19.66 195 | 173.75 195 | eP | 03 06 28.2 | +0.1 | |
| KHZ | comp=Z,769nm,0.6s | | | eS | 03 09 34.2 | -2.2 | |
| KHZ | Kahutara | 19.66 195 | 173.75 195 | PN | 03 06 28.0 | -0.1 | |
| KHZ | 19.66 195 | | | SN | 03 09 32.7 | -3.7 | |
| LTZ | Lake Taylor | 20.33 197 | 173.75 195 | PN | 03 06 33.6 | -0.5 | |
| LTZ | 20.33 197 | | | eS | 03 09 44.3 | -2.6 | |
| WPZ | Waikanae Valley | 21.04 200 | 173.75 195 | PN | 03 06 40.6 | 0.0 | |
| WPZ | 21.04 200 | | | SN | 03 09 41.0 | -0.7 | |
| RVZ | Rata Peaks | 21.53 198 | 173.75 195 | P | 03 06 47.1 | +2.1 | |
| RPZ | comp=Z,631nm,0.8s,mbz=3,slow=34,SNR=68 | | | S | 03 10 08.0 | +2.1 | |
| RPZ | Rata Peaks | 21.53 198 | 173.75 195 | eP | 03 06 46.4 | +1.5 | |
| RPZ | comp=Z,529nm,0.8s,mbz=2 | | | eS | 03 10 09.1 | +3.2 | |
| RPZ | Rata Peaks | 21.53 198 | 173.75 195 | PN | 03 06 44.4 | -0.5 | |
| FOZ | Fox Glacier | 21.82 201 | 173.75 195 | PN | 03 06 47.2 | -0.4 | |
| LBZ | Lake Benmore | 22.40 199 | 173.75 195 | PN | 03 06 51.6 | -1.2 | |
| JCZ | Jackson Bay | 22.58 202 | 173.75 195 | PN | 03 06 55.4 | +1.0 | |
| ODZ | Otahua Downs | 22.87 198 | 173.75 195 | eP | 03 06 57.3 | +0.4 | |
| ODZ | comp=Z,114nm,0.7s,mbz=6 | | | P | 03 06 57.3 | +0.4 | |
| ODZ | Otahua Downs | 22.87 198 | 173.75 195 | PN | 03 06 57.3 | +0.4 | |
| WKZ | Wanaka | 23.15 201 | 173.75 195 | PN | 03 06 59.0 | +0.5 | |
| EAZ | Earnsclough | 23.20 200 | 173.75 195 | PN | 03 07 02.3 | +0.4 | |
| MLZ | Mavora Lakes | 23.90 201 | 173.75 195 | PN | 03 07 07.6 | +1.5 | |
| HNR | Honiara | 23.94 302 | 173.75 195 | P | 03 07 06.1 | -0.8 | |
| HNR | comp=Z,118nm,0.5s,mbz=8,slow=153,SNR=2.8 | | | S | 03 10 41.9 | -2.7 | |
| HNR | Honiara | 23.94 302 | 173.75 195 | P | 03 07 06.1 | -0.8 | |
| HNR | 23.94 302 | | | S | 03 10 41.9 | -2.7 | |
| HNR | comp=Z,118nm,0.5s,mbz=8 | | | pmx | | | |
| HNR | comp=N,492nm,1.1s | | | smx | | | |
| TUZ | Tuapeka | 23.99 198 | 173.75 195 | PN | 03 07 08.3 | +1.5 | |
| WHZ | Wether Hill Ro | 24.46 201 | 173.75 195 | PN | 03 07 12.3 | +1.4 | |
| ARMA | Armidade | 26.39 249 | 173.75 195 | eS | 03 07 02.1 | +1.5 | |
| ARMA | 26.39 249 | | | eS | 03 11 24.4 | +1.9 | |
| ARMA | comp=N,915nm,1.2s | | | eS | 03 13 24.2 | +2.4 | |
| ARMA | 26.39 249 | | | eS | 03 14 15.9 | | |
| ARMA | Armidade | 26.38 249 | 173.75 195 | eP | 03 17 18.5 | +5.2 | |
| ARMA | comp=N,600nm,1.5s,mbz=0 | | | eS | 03 07 30.4 | +2.2 | |
| ARMA | 26.38 249 | | | eP | 03 13 24.2 | +2.5 | |
| ARMA | Eidsvold | 26.60 260 | 173.75 195 | eP | 03 07 31.4 | +1.1 | |
| ARMA | comp=N,593nm,1.3s,mbz=1 | | | eS | 03 11 23.2 | -3.0 | |
| EIDS | Eidsvold | 26.60 260 | 173.75 195 | eP | 03 13 24.1 | +1.5 | |
| RIV | Riverview | 27.44 241 | 173.75 195 | eP | 03 07 40.0 | +2.6 | |
| RIV | 27.44 241 | | | eS | 03 11 42.7 | +3.7 | |
| RIV | comp=Z,2.8nm,1.0s,baz=294,slow=3.2,SNR=5.2 | | | eS | 03 13 27.3 | +2.3 | |
| TBI | Tubuai | 27.76 96 | 173.75 195 | l/P | 03 07 40.5 | +0.1 | |

| TBI | comp=N,355nm,1.0s | 28.80 84 <th>l/P</th> <th>P</th> <th>03 07 48.6</th> <th>-0.9</th> | l/P | P | 03 07 48.6 | -0.9 |
|-----|-------------------------|--|-----|----|------------|------|
| PAE | Paea | 28.80 84 | l/P | P | 03 07 48.6 | -0.9 |
| PAE | comp=N,255nm,1.1s,mbz=8 | | | eS | 03 13 29.1 | -0.5 |
| PPT | Papeete | 28.83 84 | l/P | P | 03 07 49.2 | -0.5 |
| PPT | comp=N,1um,1.2s,mbz=3 | | | eS | 03 13 29.5 | -0.2 |
| PPT | Papeete | 28.83 84 | P | P | 03 07 49.2 | -0.6 |
| PPT | comp=N,131nm,1.1s | | | eS | 03 13 29.9 | +0.2 |
| PPT | Papeete | 28.83 84 | P | P | 03 07 49.2 | -0.6 |
| PPT | | | | | | |

2008 JUL

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like QSPA South Pole Qui, MYLDM Lahad Datu, TSM Pegerwojo, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like SKR Severo-Kuril's, KSI Kapahiang, KUN Unalaska Valle, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like CIS baz=81, SMMC Simmer, HOPS Hoiland, etc.

| | | | | | | |
|------|---|-------|-----|--------|--------|-----------------|
| WAKR | Walker | 83.64 | 43 | eP | P | 03 14 06.4 +0.6 |
| CN2 | Changchun | 83.72 | 323 | PP | P | 03 14 06.1 0.0 |
| CN2 | | | | eP | pP | 03 16 05.4 -1.5 |
| CN2 | | | | eS | SS | 03 23 43.5 +1.1 |
| CN2 | | | | eS | SS | 03 29 28.8 +1.8 |
| CN2 | comp=Z,40nm,1.1s,mb4.9 | | | pmax | pmax | |
| LBCM | Butte Creek Ri | 83.88 | 41 | P | P | 03 14 07.3 +0.3 |
| WCN | Washoe City | 83.92 | 43 | PP | P | 03 14 07.6 +0.4 |
| GMCR | Granite Mount | 83.97 | 48 | PP | P | 03 14 08.0 +0.5 |
| IRM | Iron Mountain | 83.98 | 49 | PP | P | 03 14 07.9 +0.3 |
| HUMO | Hull Mountain | 84.05 | 36 | eP | P | 03 14 08.4 +0.7 |
| HUMO | comp=Z,113nm,1.2s,mb5.3 | | | eP | pP | 03 16 13.9 +5.2 |
| GRAC | Grapevine Rang | 84.08 | 45 | PP | P | 03 14 08.3 +0.3 |
| KDAK | Kodiak Island | 84.11 | 14 | P | P | 03 14 06.0 -1.7 |
| KDAK | comp=Z,822nm,1.3s,mb6.1,SNR=18 | | | PKPPKP | PKPPKP | 03 40 21.7 |
| KDAK | Kodiak Island | 84.11 | 14 | eP | P | 03 14 06.8 -0.9 |
| KDAK | comp=Z,258nm,1.3s,mb5.6 | | | pmax | pmax | |
| KDAK | Kodiak Island | 84.11 | 14 | eP | P | 03 14 06.8 -0.9 |
| FURC | Furnace Creek, | 84.12 | 46 | PP | P | 03 14 06.8 +0.4 |
| TIA | Tai'an | 84.14 | 314 | P | P | 03 14 08.7 +0.4 |
| TIA | comp=Z,360nm,1.0s,mb5.9 | | | pmax | pmax | |
| SHOC | Shoshone | 84.18 | 47 | PP | P | 03 14 08.9 +0.3 |
| Y12C | Blythe | 84.19 | 49 | PP | P | 03 14 09.0 +0.3 |
| 113A | Mohawk Valley, | 84.19 | 51 | PP | P | 03 14 09.0 +0.3 |
| NVAR | Mina Arroyo | 84.31 | 44 | P | P | 03 14 08.7 -0.5 |
| NVAR | comp=Z,477nm,1.1s,mb4.9,baz=222,slow=7.4,SNR=88 | | | pP | pP | 03 16 13.9 +3.7 |
| NVAR | comp=Z,2.0nm,0.5s,baz=288,slow=34,SNR=3.2 | | | PP | PP | 03 17 32.3 -2.5 |
| NVAR | comp=Z,2.4nm,0.9s,baz=220,slow=11,SNR=2.8 | | | PKPPCb | PKPPCb | 03 32 19.4 +1.0 |
| NVAR | comp=Z,2.4nm,0.9s,baz=113,slow=2.4,SNR=8.1 | | | PKPPKP | PKPPKP | 03 40 14.6 |
| KLR | Kul'dur | 84.31 | 330 | P | P | 03 14 05.0 -3.8 |
| KLR | | | | e | pP | 03 16 02.5 -7.4 |
| KLR | | | | eS | SKSac | 03 23 31.5 -7.2 |
| KLR | comp=E,140nm,1.6s | | | pmax | pmax | |
| KLR | comp=Z,300nm,1.6s,mb5.6 | | | pmax | pmax | |
| PAHR | Pah Rah Range | 84.39 | 42 | eP | P | 03 14 09.6 +0.2 |
| U10A | Ash Meadows, A | 84.44 | 46 | PP | P | 03 14 10.5 +0.7 |
| 214A | Organ Pipe Nat | 84.45 | 52 | PP | P | 03 14 10.4 +0.4 |
| RNO | Roman Ranch | 84.45 | 37 | P | P | 03 14 10.4 +0.7 |
| Z13A | Yuma Proving G | 84.50 | 50 | PP | P | 03 14 10.6 +0.4 |
| LDFC | Landfair | 84.52 | 48 | eP | P | 03 14 11.3 +1.1 |
| LDFC | comp=Z,94nm,0.8s,mb5.4 | | | eP | pP | 03 16 14.3 +3.0 |
| NEE2 | Needles Airpor | 84.68 | 49 | PP | P | 03 14 11.3 +0.3 |
| Y13A | Salome | 84.71 | 50 | PP | P | 03 14 11.7 +0.5 |
| V11A | Goodsprings | 84.72 | 47 | PP | P | 03 14 11.2 0.0 |
| PDMC | Parker Dam,Lak | 84.76 | 49 | PP | P | 03 14 11.7 +0.3 |
| W12A | Cal Nev Ari | 84.80 | 48 | PP | P | 03 14 11.8 +0.2 |
| 114A | Black Gap (USA | 84.81 | 51 | PP | P | 03 14 12.0 +0.3 |
| MPOR | Mary's Peak | 84.93 | 37 | P | P | 03 14 12.8 +0.8 |
| V12A | Nelson | 85.05 | 48 | PP | P | 03 14 13.1 +0.3 |
| U11A | Corn Creek | 85.08 | 47 | PP | P | 03 14 13.2 +0.3 |
| Z14A | Wintersburg | 85.09 | 51 | PP | P | 03 14 13.2 +0.1 |
| S10A | Tonopah Range, | 85.12 | 45 | PP | P | 03 14 13.2 +0.1 |
| COR | Corvallis | 85.12 | 37 | eP | pmax | 03 14 13.0 +0.1 |
| COR | comp=Z,23nm,0.8s,mb4.8 | | | eP | pP | 03 14 13.0 +0.1 |
| MOD | Modoc | 85.16 | 40 | eP | P | 03 14 13.3 +0.1 |
| 115A | Sonoran Desert | 85.26 | 51 | PP | P | 03 14 14.1 +0.2 |
| HEBO | Mount Hebo | 85.28 | 36 | eP | P | 03 14 14.3 +0.6 |
| K05A | Summer Lake | 85.31 | 39 | PP | P | 03 14 14.5 +0.6 |
| Y14A | Wickenburg | 85.36 | 50 | PP | P | 03 14 14.4 +0.1 |
| W13A | Hualapai Mount | 85.37 | 49 | PP | P | 03 14 14.7 +0.3 |
| 216A | Three Points, | 85.42 | 52 | PP | P | 03 14 15.2 +0.3 |
| S11A | Rachel | 85.52 | 46 | PP | P | 03 14 15.3 +0.4 |
| R10A | Warm Springs | 85.52 | 45 | PP | P | 03 14 15.6 +0.6 |
| 116A | Eloy | 85.56 | 52 | PP | P | 03 14 15.7 +0.3 |
| Z15A | Gila River Ind | 85.61 | 51 | PP | P | 03 14 15.7 +0.2 |
| MAIT | Matri | 85.62 | 184 | eP | pP | 03 14 15.3 +0.3 |
| NVL | N'izarevskaya | 85.62 | 184 | PP | SKSac | 03 14 12.7 -2.3 |
| NVL | | | | eS | SKSac | 03 23 44.1 -2.5 |
| T11A | Corn Creek, Al | 85.64 | 46 | PP | P | 03 14 16.0 +0.4 |
| U12A | Valley of Fire | 85.65 | 47 | PP | P | 03 14 16.0 +0.3 |
| V13A | Grand Canyon W | 85.71 | 48 | PP | P | 03 14 16.2 +0.3 |
| X14A | Yava | 85.72 | 50 | PP | P | 03 14 16.1 +0.1 |
| Q10A | Clear Creek Ra | 85.76 | 44 | PP | P | 03 14 16.3 +0.2 |
| H04A | Detroit Lake | 85.80 | 37 | PP | P | 03 14 16.0 -0.2 |
| Y15A | Casa Rosa Ranch | 85.84 | 50 | PP | P | 03 14 16.5 -0.2 |
| F03A | Seaside | 85.85 | 36 | PP | P | 03 14 16.5 +0.1 |
| VNA1 | Neumayer-Stat | 85.90 | 177 | eP | P | 03 14 16.3 0.0 |
| VNA1 | | | | e | pP | 03 14 21.9 |
| VNA1 | | | | eS | P | 03 16 21.0 +3.2 |
| VNA1 | | | | eS | P | 03 24 05.2 +2.7 |
| G04A | Mulino | 85.97 | 37 | PP | P | 03 14 17.0 +0.1 |
| W14A | Selgman | 85.98 | 49 | PP | P | 03 14 17.4 +0.1 |
| R11A | Troy Canyon, C | 86.02 | 45 | PP | P | 03 14 17.3 -0.1 |
| U13A | Pakoon Wash | 86.03 | 48 | PP | P | 03 14 17.7 +0.3 |
| S12A | Delamar Landin | 86.09 | 46 | PP | P | 03 14 18.1 +0.4 |
| BMN | Battle Mountai | 86.16 | 43 | eP | pmax | 03 14 18.0 0.0 |
| BMN | comp=Z,10.0nm,0.8s | | | eP | pP | 03 14 18.0 0.0 |
| Z16A | Pureka Trail, | 86.16 | 51 | PP | P | 03 14 18.3 +0.1 |
| 210A | Ereka | 86.17 | 44 | PP | P | 03 14 18.5 +0.4 |
| X15A | Humboldt | 86.19 | 50 | PP | P | 03 14 18.5 +0.3 |

| | | | | | | |
|------|-------------------------|-------|-----|-----|------|-----------------|
| V14A | Boquillas Ranc | 86.19 | 49 | PP | P | 03 14 18.6 +0.4 |
| 318A | Bisbee | 86.24 | 53 | PP | P | 03 14 18.9 +0.4 |
| Q11A | Duercher | 86.25 | 45 | PP | P | 03 14 18.7 +0.3 |
| 117A | Oracle | 86.26 | 52 | PP | P | 03 14 19.4 +0.7 |
| T13A | Saint George | 86.39 | 47 | PP | P | 03 14 19.6 +0.5 |
| Y16A | Circle Bar Ran | 86.41 | 51 | PP | P | 03 14 19.7 +0.4 |
| F04A | Amboy | 86.46 | 36 | PP | P | 03 14 19.1 -0.1 |
| WVOR | Wild Horse Val | 86.47 | 40 | eP | pmax | 03 14 19.7 +0.3 |
| WVOR | comp=Z,57nm,1.1s,mb5.1 | | | eP | pP | 03 14 19.7 +0.3 |
| 218A | Dragon | 86.47 | 53 | PP | P | 03 14 20.0 +0.4 |
| RSO | Redoubt South | 86.52 | 13 | eP | P | 03 14 17.6 -1.5 |
| O10A | Cortez Mining, | 86.53 | 43 | PP | P | 03 14 19.9 +0.2 |
| W15A | Williams | 86.53 | 49 | PP | P | 03 14 19.7 -0.1 |
| SVW2 | Sparrevohn | 86.55 | 11 | eP | P | 03 14 17.6 -1.7 |
| SVW2 | comp=Z,77nm,1.6s,mb5.1 | | | LR | LR | |
| U14A | Mt Trumbull | 86.56 | 48 | PP | P | 03 14 20.1 +0.1 |
| P11A | Circle Ranch, | 86.58 | 44 | PP | P | 03 14 20.0 0.0 |
| NLWA | Neilton Lookou | 86.63 | 34 | eP | P | 03 14 20.4 +0.5 |
| NLWA | Neilton Lookou | 86.63 | 34 | eP | P | 03 14 20.5 +0.5 |
| NLWA | comp=Z,107nm,1.3s,mb5.3 | | | eP | pP | 03 16 26.3 +4.4 |
| R12A | Pony Springs, | 86.64 | 46 | PP | P | 03 14 20.8 +0.3 |
| CROR | Criterion Ridg | 86.65 | 37 | P | P | 03 14 20.3 +0.2 |
| X16A | Lo Mia Camp, P | 86.71 | 50 | PP | P | 03 14 21.0 +0.3 |
| S13A | Holt Ranch, En | 86.73 | 47 | PP | P | 03 14 21.2 +0.5 |
| 319A | Douglas | 86.75 | 54 | PP | P | 03 14 21.4 +0.5 |
| GYA | Guyang | 86.75 | 301 | PP | P | 03 14 21.5 +0.4 |
| GYA | | | | PP | PP | 03 16 26.5 +3.4 |
| GYA | | | | PP | PP | 03 17 22.0 +2.3 |
| GYA | | | | SKS | S | 03 23 54.3 |
| GYA | | | | S | S | 03 24 11.0 -1.3 |
| GYA | | | | S | S | 03 27 50.8 +1.0 |
| GYA | | | | SS | SS | 03 30 13.2 +1.6 |
| Y17A | Roosevelt | 86.76 | 51 | PP | P | 03 14 21.0 0.0 |
| N10A | Dunphy | 86.77 | 43 | PP | P | 03 14 21.1 +0.3 |
| Z17A | San Carlos Hig | 86.83 | 52 | PP | P | 03 14 21.5 +0.2 |
| 118A | Homack Ranch, | 86.86 | 52 | PP | P | 03 14 21.8 +0.3 |
| Q12A | Willow Creek R | 86.89 | 45 | PP | P | 03 14 21.7 +0.3 |
| BJL | Beijing | 86.92 | 316 | P | pP | 03 14 21.8 +0.3 |
| BJL | | | | PP | PP | 03 16 21.2 -2.4 |
| BJL | | | | SKS | SKS | 03 17 20.3 +0.1 |
| BJL | | | | S | S | 03 27 46.2 -4.4 |
| BJL | | | | S | S | 03 14 22.1 +0.4 |
| V15A | Kaibab Nationa | 86.93 | 49 | PP | P | 03 14 21.9 +0.1 |
| O11A | Cowboy Ranch, | 86.97 | 44 | PP | P | 03 14 21.9 +0.1 |
| T14A | Hurricane | 86.97 | 47 | PP | P | 03 14 22.4 +0.5 |
| R13A | O'Grain Ranch, | 86.98 | 46 | PP | P | 03 14 22.5 +0.6 |
| W16A | Flagstaff | 87.00 | 50 | PP | P | 03 14 22.2 +0.1 |
| G06A | Carlson Farm, | 87.00 | 37 | PP | P | 03 14 21.9 +0.1 |
| Z18A | Geronimo | 87.03 | 52 | PP | P | 03 14 22.4 +0.1 |
| CCUT | Cedar City | 87.05 | 47 | eP | P | 03 14 23.2 +1.0 |
| Z19A | White Tail Can | 87.06 | 53 | PP | P | 03 14 22.6 +0.2 |
| P12A | McGill | 87.08 | 45 | PP | P | 03 14 22.6 +0.3 |
| MID | Middleton Isl | 87.09 | 16 | eP | pmax | 03 14 21.2 -0.7 |
| MID | comp=Z,548nm,1.5s,mb6.0 | | | MLR | MLR | |
| MID | Middleton Isl | 87.09 | 16 | eP | pP | 03 14 21.2 -0.7 |
| MID | comp=Z,548nm,1.5s,mb6.0 | | | LR | LR | |
| J08A | Circle Bar Ran | 87.11 | 40 | PP | P | 03 14 22.7 +0.4 |
| X17A | Forest Lakes | 87.12 | 51 | PP | P | 03 14 23.3 +0.7 |
| ARUT | Antelope Range | 87.12 | 47 | eP | pmax | 03 14 23.2 +0.6 |
| ARUT | comp=Z,14nm,0.9s,mb4.6 | | | eP | pP | 03 14 23.1 +0.6 |
| ARUT | comp=Z,14nm,0.9s,mb4.6 | | | eP | pP | 03 14 23.1 +0.6 |
| U15A | North Rim | 87.17 | 48 | PP | P | 03 14 23.2 +0.4 |
| M10A | L. Ranch, Tu | 87.20 | 42 | PP | P | 03 14 23.3 +0.5 |
| GAMB | Gambell | 87.23 | 4 | eP | P | 03 14 22.1 -0.3 |
| 320A | Wheeler Ranch, | 87.27 | 54 | PP | P | 03 14 23.7 +0.3 |
| GNW | Green Mountain | 87.28 | 35 | eP | P | 03 14 23.2 +0.1 |
| S14A | Cedar City | 87.29 | 47 | PP | P | 03 14 24.0 +0.7 |
| LON | Longmire | 87.30 | 36 | eP | P | 03 14 22.8 -0.3 |
| LON | | | | PP | PP | 03 16 29.3 +3.9 |
| N11A | Elko Archery C | 87.31 | 43 | PP | P | 03 14 23.6 +0.3 |
| WUAZ | Wupatki | 87.33 | 49 | PP | P | 03 14 23.9 +0.3 |
| WUAZ | comp=Z,23nm,1.0s | | | eP | pP | 03 14 24.2 +0.6 |
| Q13A | Wupatki | 87.33 | 49 | eP | P | 03 14 23.9 +0.2 |
| Y18A | Canyon Day Jun | 87.39 | 51 | PP | P | 03 14 24.2 +0.3 |
| 119A | Ashepark Ranch, | 87.41 | 53 | PP | P | 03 14 24.4 +0.4 |
| T15A | Red Dirt Ranch | 87.42 | 48 | PP | P | 03 14 24.6 +0.6 |
| D05A | Enumclaw | 87.48 | 35 | PP | P | 03 14 24.6 +0.6 |
| Z20A | Playas Peak, P | 87.55 | 54 | PP | P | 03 14 25.2 +0.5 |
| L10A | Juniper Basin | 87.56 | 42 | PP | P | 03 14 25.0 +0.5 |
| W17A | Winslow | 87.57 | 50 | PP | P | 03 14 24.9 +0.2 |
| ELK | Elko | 87.58 | 43 | eP | pP | 03 14 25.0 +0.4 |
| ELK | | | | eP | pP | 03 16 26.2 -0.7 |
| ELK | comp=Z,23nm,1.0s | | | eP | pP | 03 14 25.0 +0.3 |
| ELK | comp=Z,23nm,1.0s,mb4.9 | | | eP | pP | 03 16 26.2 -0.7 |
| M11A | Holland Ranch | 87.62 | 43 | PP | P | 03 14 25.3 +0.5 |
| P13A | Bates Ranch, G | 87.65 | 45 | PP | P | 03 14 25.4 +0.4 |
| PGC | Sidney | 87.66 | 34 | eP | P | 03 14 25.0 +0.2 |
| R14A | James Farms, M | 87.67 | 46 | PP | P | 03 14 25.4 +0.3 |
| H08A | Prairie City | 87.68 | 39 | PP | P | 03 14 25.1 +0.1 |
| Z19A | T-Link Ranch, | 87.70 | 52 | PP | P | 03 14 25.6 +0.2 |
| K10A | MacKenzie Ranc | 87.72 | 41 | PP | P | 03 14 25.5 +0.2 |

| | | | | | | |
|------|----------------|-------|----|----|---|-----------------|
| N12A | Clover Valley, | 87.76 | 43 | PP | P | 03 14 25.8 +0.3 |
| S15A | Panguitch | 87.78 | 47 | PP | P | |

| | | | | | |
|-------|--|--------|-----------|--------|-----------------|
| MDO | Dochfour | 145.94 | 4 P | PKPdf | 03 21 10.4 -0.3 |
| MDO | Dochfour | 145.94 | 4 eP | PKPdf | 03 21 10.4 -0.3 |
| KSB | Sheil Bridge | 146.09 | 6 P | PKPdf | 03 21 11.5 +0.6 |
| KSB | Sheil Bridge | 146.09 | 6 eP | PKPdf | 03 21 11.5 +0.6 |
| MME1 | Melkie Cairn | 146.15 | 3 P | PKPdf | 03 21 11.1 +0.1 |
| MME1 | Melkie Cairn | 146.15 | 3 eP | PKPdf | 03 21 11.1 +0.1 |
| KAR1 | Arisaig | 146.34 | 6 P | PKPdf | 03 21 12.1 +0.7 |
| KAR1 | Arisaig | 146.34 | 6 eP | PKPdf | 03 21 12.1 +0.7 |
| MUD | Monsted U'grnd | 146.45 | 351 i | PKIKP | 03 21 13.1 +1.5 |
| MUD | | | | | 03 23 17.5 |
| MUD | comp=Z,200nm,1.0s | | | pmax | pmax |
| MUD | Monsted U'grnd | 146.45 | 351 i | PKPdf | 03 21 13.1 +1.5 |
| MUD | comp=Z,202nm,1.0s | | | | |
| MUD | | | | | 03 23 17.5 |
| MUD | | | | | 03 30 29.5 |
| MUD | | | | | 03 34 00.8 |
| ASF | Jabal al Asfar | 146.60 | 293 eP | PKPbc | 03 21 14.6 -0.7 |
| ASF | comp=Z,111nm,0.9s,baz=318,slo=1.9,SNR=66 | | | | |
| ASF | | | | | 03 23 25.9 +1.8 |
| ASF | comp=Z,19nm,0.9s,baz=0.4,slo=5.1,SNR=4.0 | | | | |
| ASF | | | | | 03 24 00.2 0.0 |
| ASF | Jabal al Asfar | 146.60 | 293 i | PKIKP | 03 21 14.6 +2.0 |
| ASF | comp=Z,111nm,0.9s | | | | |
| ASF | | | | | pmax |
| ASF | comp=Z,19nm,0.9s | | | | |
| ASF | | | | | pmax |
| BSD | Bornholm Skovb | 146.61 | 345 i | PKIKP | 03 21 13.4 +1.5 |
| BSD | | | | | 03 23 18.8 |
| BSD | comp=Z,240nm,0.8s | | | | |
| BSD | Bornholm Skovb | 146.61 | 345 i | PKPdf | 03 21 13.4 +1.5 |
| BSD | comp=Z,245nm,0.8s | | | | |
| BSD | | | | | 03 23 18.8 |
| COP | Copenhagen | 146.63 | 347 i | PKIKP | 03 21 13.7 +1.8 |
| COP | | | | | 03 23 20.2 |
| COP | comp=Z,150nm,0.8s | | | | |
| COP | Copenhagen | 146.63 | 347 i | PKPdf | 03 21 13.7 +1.8 |
| COP | comp=Z,154nm,0.8s | | | | |
| COP | | | | | 03 23 20.2 |
| COP | | | | | 03 21 11.8 -0.8 |
| YAYL | Yayladag | 146.66 | 300 i | PKPdf | 03 21 11.8 -0.8 |
| YAYL | Fakeheh | 146.75 | 297 eP | PKPdf | 03 21 16.1 +3.3 |
| YURE | YUREGIR | 146.86 | 302 i | PKPdf | 03 21 14.4 +1.5 |
| CDAG | Ciccadag | 147.03 | 307 i | PKPdf | 03 21 12.3 -0.7 |
| HWQ | HWQ | 147.12 | 297 eP | PKPdf | 03 21 16.5 +3.1 |
| EBH | Black Hill | 147.19 | 4 P | PKPdf | 03 21 13.4 +0.6 |
| EBH | Black Hill | 147.19 | 4 eP | PKPdf | 03 21 13.4 +0.6 |
| EAB | Aberfoyle | 147.19 | 5 P | PKPdf | 03 21 12.4 -0.4 |
| EAB | Aberfoyle | 147.19 | 5 eP | PKPdf | 03 21 12.4 -0.4 |
| WAR | Warsaw | 147.21 | 336 ePKP | PKPbc | 03 21 16.2 +0.1 |
| WAR | | | | | 03 21 20.0 +0.2 |
| WAR | | | | | 03 23 25.8 +1.3 |
| KIS | Kishinev | 147.25 | 323 i | PKIKP | 03 21 14.0 +0.8 |
| KIS | | | | | 03 21 15.0 |
| KIS | comp=Z,400nm,2.0s | | | | |
| KIS | Kishinev | 147.25 | 323 ePP | pPKP | 03 23 24.0 -0.7 |
| KIS | | | | | 03 30 40.0 -3.0 |
| KIS | Kishinev | 147.25 | 323 i | SKKSac | 03 21 14.0 +0.8 |
| KIS | | | | | 03 21 14.0 +0.8 |
| KIS | comp=Z,400nm,2.0s | | | | |
| KIS | | | | | pmax |
| KIS | comp=Z,400nm,2.0s | | | | |
| KIS | | | | | pmax |
| KIS | Kishinev | 147.25 | 323 i | PKPbc | 03 21 17.9 +1.5 |
| KIS | Kishinev | 147.25 | 323 i | PKPbc | 03 21 17.9 +1.4 |
| RCY | Rachaya | 147.34 | 296 eP | PKPbc | 03 21 17.5 +0.3 |
| Gulek | Gulek | 147.41 | 303 i | PKPbc | 03 21 17.4 0.0 |
| BHL | Bhannes | 147.42 | 297 eP | PKPbc | 03 21 17.4 0.0 |
| KSHT | Keshet | 147.42 | 295 Pn | PKPbc | 03 21 17.9 +0.5 |
| HRI | Mount Hermon | 147.44 | 295 PKP2 | PKPbc | 03 21 18.0 +0.6 |
| KSDI | Kefar Szold | 147.52 | 295 Pn | PKPbc | 03 21 17.9 +0.5 |
| EDI | Edinburg | 147.53 | 4 eP | PKPdf | 03 21 13.0 -0.4 |
| EDI | | | | | 03 21 16.5 |
| EDI | comp=Z,124nm,1.0s | | | | |
| EDI | Edinburg | 147.53 | 4 eP | PKPdf | 03 21 13.0 -0.4 |
| EDI | | | | | 03 21 16.5 |
| BR131 | Keskin Array S | 147.53 | 308 ePKP | PKPbc | 03 21 13.8 -0.1 |
| BR131 | | | | | 03 21 17.1 -0.4 |
| BR131 | Keskin Array B | 147.53 | 308 ePKP | PKPbc | 03 21 22.0 +0.4 |
| BR131 | | | | | 03 21 16.6 -0.8 |
| BRTR | comp=Z,33nm,0.7s,baz=132,slo=1.6,SNR=1.1 | | | | |
| BRTR | | | | | 03 23 27.1 +1.7 |
| BRTR | comp=Z,11nm,0.8s,baz=82,slo=2.7,SNR=4.0 | | | | |
| BRTR | | | | | 03 24 01.9 -0.1 |
| BRTR | Keskin Array B | 147.53 | 308 ePKP | PKPbc | 03 21 16.6 -0.8 |
| BRTR | | | | | 03 21 16.6 -0.8 |
| BRTR | comp=Z,33nm,0.7s | | | | |
| BRTR | | | | | pmax |
| BRTR | comp=Z,11nm,0.8s | | | | |
| BRTR | | | | | pmax |
| PGBU | Glenifferbraes | 147.55 | 5 P | PKPdf | 03 21 15.2 +1.8 |
| PGBU | | | | | 03 21 20.7 |
| PGBU | comp=N,223nm,1.1s | | | | |
| PGBU | Glenifferbraes | 147.55 | 5 eP | PKPdf | 03 21 15.2 +1.8 |
| PGBU | | | | | 03 21 20.7 |
| PGBU | comp=Z,223nm,1.1s | | | | |
| ESY | Stoneypath | 147.57 | 3 P | PKPdf | 03 21 12.0 -1.4 |
| ESY | | | | | 03 21 12.0 -1.4 |
| EAU | Auchinoon | 147.59 | 4 P | PKPdf | 03 21 13.6 +0.1 |
| EAU | Auchinoon | 147.59 | 4 eP | PKPdf | 03 21 13.6 +0.1 |
| GKP | Gorka Klasztor | 147.62 | 341 i | PKPbc | 03 21 16.9 -0.3 |
| GKP | | | | | 03 21 16.9 +0.3 |
| GKP | | | | | 03 21 18.8 +0.6 |
| GKP | | | | | 03 21 18.8 +0.5 |
| GKP | | | | | 03 23 25.5 +0.4 |
| GKP | | | | | 03 21 15.1 +1.5 |
| PC1A | Carrot | 147.68 | 5 eP | PKPdf | 03 21 15.1 +1.5 |
| EBL | Broad Law | 147.69 | 3 P | PKPdf | 03 21 13.7 0.0 |
| EBL | Broad Law | 147.69 | 3 eP | PKPdf | 03 21 13.7 0.0 |
| HMDT | Nahal Hemdat | 147.75 | 294 Pn | PKPbc | 03 21 18.8 +0.6 |
| MMAI | Mount Meron Ar | 147.75 | 295 PKPbc | PKPbc | 03 21 18.8 +0.5 |
| MMAI | comp=Z,128nm,0.5s,baz=76,slo=7.8,SNR=171 | | | | |
| MMAI | | | | | 03 23 28.6 +2.6 |
| MMI | Mount Malkishu | 147.81 | 294 i | PKPbc | 03 21 18.8 +0.4 |
| LVV | L'vov | 147.82 | 331 i | PKIKP | 03 21 12.7 -0.6 |
| LVV | | | | | 03 28 12.0 |
| LVV | | | | | 03 34 09.6 |
| LVV | comp=Z,400nm,22.0s | | | | |
| LVV | | | | | MLR |
| LVV | comp=N,100nm,14.0s | | | | |
| LVV | | | | | MLR |
| LVV | comp=E,800nm,25.0s | | | | |
| LEOM | Leova | 147.88 | 322 i | PKPbc | 03 21 18.0 -0.1 |
| LEOM | | | | | 03 21 18.0 -0.1 |
| HNTI | Hanita | 147.94 | 295 Pn | PKPbc | 03 21 18.8 +0.1 |
| DSI | Dead Sea | 147.94 | 292 Pn | PKPbc | 03 21 18.8 0.0 |
| MZDA | Masada | 147.99 | 292 Pn | PKPbc | 03 21 19.2 +0.3 |
| EKA | Eskailem Ar | 148.12 | 4 eP | PKPbc | 03 21 17.4 -1.1 |
| EKA | comp=E,42nm,0.4s,baz=343,slo=2.6,SNR=266 | | | | |
| EKA | | | | | 03 23 27.6 +1.8 |
| EKA | comp=Z,24nm,0.9s,baz=336,slo=2.7,SNR=9.3 | | | | |
| EKA | | | | | 03 24 48.5 -3.5 |
| EKA | Eskailem Ar | 148.12 | 4 eP | PKPbc | 03 21 17.4 -1.0 |
| EKA | | | | | 03 24 48.6 |
| EKA | comp=Z,42nm,0.4s | | | | |
| EKA | | | | | pmax |
| EKA | comp=Z,24nm,0.9s | | | | |
| EKA | | | | | pmax |
| ESK | Eskailem Ar | 148.13 | 4 P | PKPbc | 03 21 14.6 +0.3 |
| ESK | | | | | 03 21 22.9 |
| ESK | comp=Z,85nm,1.2s | | | | |
| ESK | Eskailem Ar | 148.13 | 4 eP | PKPbc | 03 21 14.6 +0.3 |
| ESK | | | | | 03 21 22.9 |
| ESK | comp=Z,85nm,1.2s | | | | |
| ESK | Eskailem Ar | 148.13 | 4 ePKP | PKPbc | 03 21 12.8 -1.6 |
| ESK | | | | | 03 21 17.3 -1.1 |
| OFRI | 'Ofar | 148.16 | 294 i | PKPbc | 03 21 18.9 -0.4 |
| SLTI | Sal'it | 148.16 | 294 i | PKPbc | 03 21 19.4 +0.1 |
| YTR | Yatir | 148.19 | 292 Pn | PKPbc | 03 21 19.6 +0.2 |
| ZFRI | Zfir | 148.21 | 290 Pn | PKPbc | 03 21 19.8 +0.4 |
| WCK | Cauldkaime Hill | 148.27 | 4 eP | PKPbc | 03 21 15.0 +0.4 |

| | | | | | |
|-------|---|-----------------|-------|-----------------|-----------------|
| TLCR | 148.28 320 i | PKHKP | PKPbc | 03 21 18.8 -0.4 | |
| TLCR | 148.28 320 i | PKPbc | PKPbc | 03 21 18.8 -0.4 | |
| SGKT | 148.35 310 i | P | PKPbc | 03 21 13.1 -2.1 | |
| SIVR | Sivrigoyuk | 148.35 310 i | P | PKPbc | 03 21 19.7 -0.1 |
| PHRI | Mount Harif | 148.36 289 Pn | PKPbc | 03 21 20.0 -0.1 | |
| PHRI | Paran | 148.37 290 i | PKHKP | 03 21 14.8 -1.0 | |
| PHRI | comp=Z,8.2nm,0.8s,baz=306,slo=3.5,SNR=8.9 | | | | |
| EIL | | | | 03 21 21.2 +1.1 | |
| EIL | comp=Z,87nm,0.7s,baz=341,slo=2.6,SNR=68 | | | | |
| EIL | | | | 03 23 34.0 +4.2 | |
| EIL | comp=Z,39nm,1.0s,baz=79,slo=11,SNR=2.9 | | | | |
| EIL | Elat | 148.46 289 PKP | PKPbc | 03 21 14.8 -1.0 | |
| EIL | | | | 03 21 19.8 -0.3 | |
| EIL | | | | 03 21 21.2 +1.1 | |
| EIL | | | | 03 23 34.0 +4.2 | |
| EIL | | | | 03 21 15.4 +0.5 | |
| GALL | Galloway | 148.47 5 eP | PKPbc | 03 21 24.3 | |
| GALL | comp=Z,225nm,0.9s | | | | |
| GALL | | | | 03 21 24.3 | |
| PHNC | Paralimni | 148.53 299 P | PKPbc | 03 21 20.2 +0.1 | |
| PHNC | comp=Z,3.1nm,0.8s | | | | |
| GCD | Castle Douglas | 148.53 5 P | PKPbc | 03 21 15.3 +0.3 | |
| GCD | Castle Douglas | 148.53 5 eP | PKPbc | 03 21 15.3 +0.3 | |
| KWP | Kalwaria Pacia | 148.54 332 ePKP | PKPbc | 03 21 25.3 0.0 | |
| KWP | | | | 03 23 28.8 +2.0 | |
| KWP | | | | 03 21 19.2 -0.4 | |
| KWP | Kalwaria Pacia | 148.54 332 ePKP | PKPbc | 03 21 15.1 -0.1 | |
| KWP | | | | 03 21 19.8 -0.3 | |
| KWP | | | | 03 21 20.2 -0.2 | |
| KRM1 | Paran Flat | 148.63 290 Pn | PKPbc | 03 21 20.1 -0.4 | |
| XAL | Allendae | 148.64 3 P | PKPbc | 03 21 15.0 -0.2 | |
| XAL | Allendae | 148.64 3 eP | PKPbc | 03 21 15.0 -0.2 | |
| XAL | Carcaliu | 148.69 320 i | PKHKP | 03 21 19.8 -0.3 | |
| XAL | Carcaliu | 148.69 320 i | PKPbc | 03 21 19.8 -0.3 | |
| BSEG | Bad Segeberg | 148.69 349 ePKP | PKPbc | 03 21 16.0 +0.7 | |
| BSEG | | | | 03 21 19.2 -0.7 | |
| BSEG | | | | 03 21 24.3 -1.5 | |
| BSEG | | | | 03 23 29.5 -0.2 | |
| BUR01 | Bucovina Ar. S | 148.78 327 i | PKHKP | 03 21 20.4 +0.1 | |
| BURAR | Bucovina Array | 148.78 327 i | PKPbc | 03 21 20.4 +0.1 | |
| BURAR | | | | 03 21 20.4 +0.1 | |
| KIZT | Kiziot | 148.85 291 Pn | PKPbc | 03 21 20.9 -0.1 | |
| TIR | Tirgusor | 148.92 319 i | PKHKP | 03 21 20.3 -0.4 | |
| TIR | | | | 03 21 20.3 -0.4 | |
| TIRR | Tirgusor | 148.92 319 i | PKPbc | 03 21 20.3 -0.4 | |
| XDE | Dent Fell | 148.92 4 P | PKPbc | 03 21 16.4 +0.7 | |
| XDE | Dent Fell | 148.92 4 eP | PKPbc | 03 21 16.4 +0.7 | |
| ERM1 | Ermenek | 148.92 303 i | PKPbc | 03 21 21.1 -0.1 | |
| VRI | Vrincioiaia | 149.09 323 i | PKHKP | 03 21 21.1 +0.1 | |
| VRI | Vrincioiaia | 149.09 323 i | PKPbc | 03 21 17.7 +1.5 | |
| VRI | Prodromos | 149.10 299 i | PKPbc | 03 21 21.2 -0.3 | |
| VRI | comp=Z,3.5nm,0.7s | | | | |
| PLOR | Plostina | 149.14 323 i | PKHKP | 03 21 21.0 -0.2 | |
| PLOR | Plostina | 149.14 323 i | PKPbc | 03 21 23.4 +2.2 | |
| PLOR | Plostina | 149.14 323 i | PKPbc | 03 21 23.4 +2.2 | |
| MAMC | Mammari | 149.15 300 P | PKPbc | 03 21 21.4 -0.2 | |
| GRER | Ruedersdorf | 149.24 322 eP | PKPbc | 03 21 22.4 +0.9 | |
| RUE | | | | 03 21 16.7 +0.4 | |
| RUE | | | | 03 21 21.8 +1.5 | |
| RUE | | | | 03 21 27.8 -0.5 | |
| OJC | Ojcow | 149.29 335 i | PKHKP | 03 21 19.0 -2.4 | |
| OJC | | | | 03 21 26.2 | |
| OJC | | | | 03 21 22.0 +0.4 | |
| STH | Stebnicka Huta | 149.33 333 ePKP | PKPbc | 03 21 22.0 +0.4 | |
| STH | | | | 03 23 30.9 | |
| STHS | Stebnicka Huta | 149.33 333 ePKP | PKPbc | 03 21 22.0 +0.4 | |
| UZH | Uzhgord | 149.47 331 i | PKHKP | 03 21 21.0 -0.9 | |
| UZH | | | | 03 21 28.0 | |
| UZH | | | | 03 24 57.3 | |
| UZH | | | | 03 28 25.9 | |
| UZH | comp=N,330nm,23.0s | | | | |
| UZH | | | | MLR | |
| UZH | comp=E,460nm,23.0s | | | | |
| UZH | | | | MLR | |
| UZH | comp=Z,290nm,23.0s | | | | |

3d 3h

Table with columns for location (e.g., PSZ, SZH, JMB), name, date, and various codes (e.g., ePKPab, PKPab, PKPbc).

Table with columns for location (e.g., KHC, Kasperse Hory), name, date, and various codes (e.g., ePKPDF, PKPpdf, PKPbc).

Table with columns for location (e.g., SPYAK, Spalcinghen-Ko), name, date, and various codes (e.g., comp=Z,48nm,0.6s, 154.54 347).

Table with columns: SRN, SMF, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, and other parameters. Includes stations like Sarande, Signal de Mont, RLS, KEK, LK2D, BGF, etc.

Table with columns: PMRV, Marv??o, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, and other parameters. Includes stations like PMRV, Marv??o, Mosqueruela, Estremoz, etc.

TAP 03:03:09:36.4, 24:51N:121:00E, h6km, ML3.5, C
ISCJB 03:03:09:37.6, 0.3, 24:51N:01:121:02E:0.0, h4km, 2km,
Error ellipse: s-maj=3.1km s-min=1.9km az=35.4
NEIC 03:03:09:37.6, 1.5, 24:50N:121:00E, h10km, Error ellipse:
s-maj=2.15km s-min=1.7km az=122.0
ISC 03:03:09:37.6, 0.3, 24:51N:01:121:02E:0.0, h9km, 2km,
n54, c085/95, 9C-6D, Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, and other parameters. Includes stations like NNSTT, NSTT, NSY, NSY, etc.

Table with columns: Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, and other parameters. Includes stations like baz=76, Yuchr, NACB, NACB, etc.

IGQ 03:03:14:36.4, 0.69S:77:61W, h13km, 1km, Mb4.0, Ms3.8,
GC-28D, Error ellipse: s-maj=1.1km s-min=0.6km az=7.4,

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, and other parameters. Includes stations like LAV3, CHAR, ANTI, etc.

Table with columns: LKR, Lokris, 1.56, 26, ePg, Pg, 04 07 46.6 -1.2, etc. Lists various stations and their coordinates.

IDC 03 04:08:09.8:0.3113N:103.52E, h0km, mb3.8/10, mb1 4.0/12, mb1mx3.8/24, mbtmp3.8/12, ML3.9/2, Error ellipse: s-maj=31.1km s-min=16.7km az=55.0

ISCJB 03 04:08:11.1:0.8, 31.26N:103.103:54E:0.07, h14km, 5km, mb4.0/16, Error ellipse: s-maj=10.0km s-min=4.2km az=169.5

NEIC 03 04:08:11.5:0.3, 31.13N:103.59E, h10km, mb4.7/7, Error ellipse: s-maj=10.9km s-min=6.8km az=85.0

BUI 03 04:08:12.4: 31.19N:103.63E, h14km, mb4.7/7, mb3.4/8, ML4.1/21, Ms3.9/7, Ms7.3/6.7

ISC 03 04:08:12.7:0.9, 31.19N:103.103:46E:0.06, h13km, 5km, n36.0:93/44, mb4.0/16, Sichuan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Chengdu, Lanzhou, Xi'an.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Hu-ho-hao-te.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: TCF, Toulx Ste Croi, 75.21, 315, eP, P, 04 19 55.4 +0.5, etc.

Table with columns: YKA, Yellowknife Arr, 81.78, 17, P, P, 04 20 29.4 -1.4, etc.

Table with columns: YKA, Yellowknife Arr, 81.78, 17, P, P, 04 20 29.4 -1.4, etc.

Table with columns: ROSC, El Rosal, 144.10, 356, PKP, PKPdf, 04 27 49.1 +0.3, etc.

ISCJB 03 04:19:35.8:0.7, 38.43N:103.03:39.43E:0.03, h0km, 7km, Error ellipse: s-maj=5.7km s-min=4.1km az=170.3

ISC 03 04:19:35.9, 38.47N:39.34E, h4km, MD3.3, ML3.4 DDA 03 04:19:35.5, 38.38N:39.43E, h7km, 8km, MD3.5

CSEM 03 04:19:36.0:2.38, 46N:39.38E, h2km, MD3.3, Error ellipse: s-maj=5.4km s-min=1.8km az=111.0

ISC 04:19:36.2:0.6, 38.42N:103.39:44E:0.03, h2km, 5km, n41.1:0592/49, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SVRC, Sirrice-ELAZID.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SVRC, Sirrice-ELAZID.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SVRC, Sirrice-ELAZID.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SVRC, Sirrice-ELAZID.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SVRC, Sirrice-ELAZID.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SVRC, Sirrice-ELAZID.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SVRC, Sirrice-ELAZID.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SVRC, Sirrice-ELAZID.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SVRC, Sirrice-ELAZID.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SVRC, Sirrice-ELAZID.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SVRC, Sirrice-ELAZID.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SVRC, Sirrice-ELAZID.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SVRC, Sirrice-ELAZID.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SVRC, Sirrice-ELAZID.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SVRC, Sirrice-ELAZID.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SVRC, Sirrice-ELAZID.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SVRC, Sirrice-ELAZID.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SVRC, Sirrice-ELAZID.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SVRC, Sirrice-ELAZID.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SVRC, Sirrice-ELAZID.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SVRC, Sirrice-ELAZID.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SVRC, Sirrice-ELAZID.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SVRC, Sirrice-ELAZID.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SVRC, Sirrice-ELAZID.

Table with columns: ALS, baz=340, eS, Sn, 04 22 28.5 +0.6, etc.

Table with columns: SCLT, Jiali, baz=317, 1.59, 315, eP, Sn, 04 22 07.6 -0.1, etc.

Table with columns: SCLT, Jiali, baz=317, 1.59, 315, eP, Sn, 04 22 07.6 -0.1, etc.

Table with columns: CHNS, Tsaluing, baz=317, 1.69, 337, eP, Sn, 04 22 09.2 +0.1, etc.

Table with columns: CHNS, baz=348, eS, Sn, 04 22 31.4 +0.5, etc.

Table with columns: CHY, Chiayi, baz=348, 1.71, 328, eP, Sn, 04 22 08.6 -0.8, etc.

Table with columns: CHY, baz=329, eS, Sn, 04 22 30.7 -0.8, etc.

Table with columns: ESL, Shilin, baz=329, 1.76, 1, eP, Sn, 04 22 09.5 -0.6, etc.

Table with columns: ESL, baz=8.0, eS, Sn, 04 22 32.2 -0.7, etc.

Table with columns: SMLT, Sun Moon Lake, baz=346, 1.89, 346, P, Sn, 04 22 12.1 +0.2, etc.

Table with columns: SMLT, baz=346, eS, Sn, 04 22 35.5 -0.5, etc.

Table with columns: YTC, Yuchr, baz=345, 1.92, 345, P, Sn, 04 22 13.2 0.0, etc.

Table with columns: TYC, baz=345, eS, Sn, 04 22 37.3 +0.6, etc.

Table with columns: WNT, Mingjian, baz=340, 1.94, 340, eS, Sn, 04 22 37.2 -0.2, etc.

Table with columns: TWD, Chiawan, baz=352, 2.04, 5, eP, Sn, 04 22 14.1 +0.3, etc.

Table with columns: TWD, baz=352, eS, Sn, 04 22 39.9 +0.3, etc.

Table with columns: WHF, Hehuan Shan, baz=356, 2.10, 356, eP, Sn, 04 22 15.4 +0.7, etc.

Table with columns: WHF, baz=356, eS, Sn, 04 22 41.1 0.0, etc.

Table with columns: TCU, Taichung, baz=327, 2.20, 342, eP, Sn, 04 22 16.5 +0.4, etc.

Table with columns: TCU, baz=327, eS, Sn, 04 22 43.3 -0.3, etc.

Table with columns: TWT, Tachien, baz=5.0, 2.21, 354, eP, Sn, 04 22 16.6 +0.3, etc.

Table with columns: TWT, baz=5.0, eS, Sn, 04 22 43.9 0.0, etc.

Table with columns: PNG, Penghu, baz=302, 2.29, 312, eP, Sn, 04 22 15.2 -2.2, etc.

Table with columns: PNG, baz=302, eS, Sn, 04 22 41.7 -4.1, etc.

Table with columns: TWQ1, baz=302, 2.37, 346, eP, Sn, 04 22 19.2 +0.7, etc.

Table with columns: TWQ1, baz=346, eS, Sn, 04 22 48.7 +0.9, etc.

Table with columns: NNS, Nan Shan, baz=358, 2.39, 359, eP, Sn, 04 22 20.7 +2.0, etc.

Table with columns: NNS, baz=358, eS, Sn, 04 22 48.6 +0.3, etc.

Table with columns: ENA, Nanau, baz=354, 2.39, 7, eP, Sn, 04 22 19.9 +1.1, etc.

Table with columns: ENA, baz=354, eS, Sn, 04 22 49.0 +0.6, etc.

Table with columns: NSY, Sanyi, baz=346, 2.44, 346, eP, Sn, 04 22 20.0 +0.6, etc.

Table with columns: NSY, baz=346, eS, Sn, 04 22 49.9 +0.4, etc.

Table with columns: TWC, Suao, baz=17, 2.59, 9, P, Sn, 04 22 21.6 +0.2, etc.

Table with columns: TWC, baz=17, eS, Sn, 04 22 53.0 0.0, etc.

Table with columns: ENT, Niudouy, baz=2.0, 2.59, 3, eP, Sn, 04 22 23.0 +1.5, etc.

Table with columns: ENT, baz=2.0, eS, Sn, 04 22 54.6 +1.3, etc.

Table with columns: NSTT, Nanjiang, baz=335, 2.60, 352, eP, Sn, 04 22 22.2 +0.5, etc.

Table with columns: NSTT, baz=335, eS, Sn, 04 22 54.5 +0.9, etc.

Table with columns: NSK, Sangung, baz=10.0, 2.62, 359, eP, Sn, 04 22 22.5 +0.6, etc.

Table with columns: NSK, baz=10.0, eS, Sn, 04 22 55.3 +1.3, etc.

Table with columns: TWE, Neicheng, baz=4.0, 2.68, 5, eP, Sn, 04 22 21.1 -1.6, etc.

Table with columns: TWE, baz=4.0, eS, Sn, 04 22 29.0 -1.4, etc.

Table with columns: YOJ, Yonaguni jima, 2.82, 31, eS, Sn, 04 22 54.8 -4.2, etc.

Table with columns: HATJ, Hateruma jima, 2.98, 47, P, Sn, 04 22 25.0 -1.9, etc.

Table with columns: HATJ, 2.98, 47, P, Sn, 04 22 25.0 -1.9, etc.

Table with columns: NWF, Wu-fen Shan, baz=356, 3.03, 6, eP, Sn, 04 22 28.5 +0.9, etc.

Table with columns: NWF, baz=356, eS, Sn, 04 23 05.6 +1.4, etc.

Table with columns: JKRS, Kuro-shima, 3.24, 47, P, Sn, 04 22 29.0 -1.4, etc.

Table with columns: JKRS, 3.24, 47, P, Sn, 04 23 03.6 -5.7, etc.

Table with columns: JIJ, Ishigaki jima, 3.41, 47, P, Sn, 04 22 30.7 -2.1, etc.

Table with columns: JIJ, 3.41, 47, P, Sn, 04 23 08.0 -5.6, etc.

Table with columns: JTJ, Tarama, 3.98, 49, P, Sn, 04 22 38.7 -1.9, etc.

Table with columns: JTJ, 3.98, 49, P, Sn, 04 23 22.7 -4.9, etc.

ISCJB 03 04:51:13.5:0.8, 13.94N:106.92:13W:0.04, h33km, Error ellipse: s-maj=9.8km s-min=3.8km az=19.8

MEX 03 04:51:15.5:0.5, 13.94N:92.08W, h17km, 33km, MD4.0

CASC 03 04:51:17.5:2.0, 13.99N:91.78W, h20km, MD3.6

ISC 03 04:51:15.3:0.7, 14.01N:107.92:07W:0.04, h35km, n16, c085/24, 1C, Near coast of Chiapas

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like FUG, Fuego 3.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like PCG, Tecpan 2.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like TWF1, Yuli.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like TWF1, Yuli.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CHN1, Nanshi.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CHN1, Nanshi.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CHN1, Nanshi.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like WTP, Ta-pu.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like WTP, Ta-pu.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CHN3, Shinhua.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CHN3, Shinhua.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CHN3, Shinhua.

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CHN4, Tsushan.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CHN4, Tsushan.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CHN4, Tsushan.

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

3d 5h

Table with columns: WRA, 4.2nm, 0.6s, baz=50, slow=11, SNR=5.3, S, 05 04 55.4, etc.

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

DDA 03 05:06:30.7, 38.49N, 39.44E, h8km, 3km, Md3.1
ISC/JB 03 05:06:31.5, 0.5, 38.47N, 0.04, 39.42E, 0.04, h10km, Error

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

UPP 03 05:07:09.2, 55.77N, 18.45E, h0km, ML1.9, Suspected Mining explosion.
HEL 03 05:07:09.5, 0.3, 55.88N, 18.44E, h0km, ML2.4, ML1.9(UPP), ML2.6(NAO), Explosion

2008 JUL

Table with columns: BSD, Bornholm Skovb, 2.19 244, P, Pn, 05 07 47.2, -2.2, etc.

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

ISC/JB 03 05:10:27.1, 0.1, 55.73N, 0.09, 18.4E, 0.1, h0km, Error
CSEM 03 05:10:31.4, 0.4, 55.92N, 18.38E, h1km, ML2.5, Error

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

UPP 03 05:10:32.8, 56.02N, 18.24E, h0km, ML2.5, Mining explosion.
IDC 03 05:10:33.0, 1.3, 56.02N, 18.43E, h0km, mb1 3.7/3, mb1mx3.2/24, mbtmp3.7/3, ML3.5/4, Error ellipse: s-maj=16.8km s-min=10.5km az=46.0

Table with columns: FIAO, baz=218, slow=28, Sn, Sn, 05 13 15.5, -16, etc.

CSEM 03 05:10:45.9, 37.45N, 21.68E, h11km, ML2.6/4, After THE THE 03 05:10:45.9, 37.45N, 21.68E, h11km, 2km, ML2.6/4, Error ellipse: s-maj=2.2km s-min=0.5km az=146.0, Southern Greece

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

BER 03 05:10:48.6, 3.1, 57.25N, 18.30E, h7km, 20km, ML2.5(NAO)

NAO 03 05:10:49.6, 2.6, 57.50N, 18.54E, ML2.5
IDC 03 05:10:49.1, 1.5, 56.03N, 18.45E, h0km, mb1 3.5/4, mb1mx3.2/24, mbtmp3.5/4, ML3.6/4, Error ellipse: s-maj=19.7km s-min=11.1km az=44.0, Baltic Sea

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

MOS 03 05:24:34.9, 2.7, 56.27N, 11.16E, h20km, mb4.4/1, Error ellipse: s-maj=42.8km s-min=29.3km az=7.8

BYKL 03 05:24:35.0, 4.5, 56.28N, 11.36E, 4C-4D, East of Lake Baykal

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

| | | | | |
|-------|---|-----|-----|-----------------|
| JTS | | eS | S | 06 44 24.6 +3.1 |
| JTS | comp=Z,108nm,1.1s | pmx | pmx | |
| JTS | comp=Z,9um,21.0s | MLR | MLR | |
| JTS | JuntasAbangare 24.08 272 eP | P | P | 06 40 07.3 +0.5 |
| JTS | comp=Z,108nm,1.1s,mb5.2 | S | S | |
| JTS | | eS | LR | 06 44 24.6 +3.1 |
| JTS | | LR | LR | |
| JCR | comp=Z,9um,21.0s,MSS.2 | | | |
| JCR | Jicaral 24.26 271 eP | P | P | 06 40 08.9 +0.4 |
| BOAB | BOACOB BROADBAND 78 277 eP | P | P | 06 40 13.9 +0.7 |
| ATAH | Atahualpa 24.92 226 P | P | P | 06 40 16.5 +2.0 |
| ATAH | comp=Z,390nm,1.1s,mb5.9,baz=63,slow=6.1,SNR=114 | S | S | |
| ATAH | | S | S | 06 44 46.9 +12 |
| SSN | San Juan del S 24.94 274 eP | P | P | 06 40 13.1 -1.6 |
| CSAN | 25.51 277 eP | P | P | 06 40 20.7 +0.8 |
| MOTEM | Motomoto 25.63 277 eP | P | P | 06 40 21.9 +1.0 |
| COPN | Copaltepe 25.68 277 eP | P | P | 06 40 22.2 +0.9 |
| CNGN | Cerro Negro 25.79 277 eP | P | P | 06 40 23.1 +0.7 |
| LEON | Leon 25.98 277 eP | P | P | 06 40 22.6 -1.5 |
| SIV | San Ignacio 26.20 181 P | P | P | 06 40 25.3 -0.7 |
| DWPF | comp=Z,40nm,1.1s,mb4.9,baz=16,slow=9.7,SNR=92 | S | S | |
| DWPF | Disne 26.43 315 eP | P | P | 06 40 27.6 -0.4 |
| DWPF | comp=Z,240nm,1.1s,mb5.6 | LR | LR | |
| DWPF | comp=Z,7um,21.0s,MSS.2 | LR | LR | |
| TGUH | Tegucigalpa,Un 26.44 281 eP | P | P | 06 40 29.6 +1.4 |
| TGUH | comp=Z,395nm,1.1s,mb5.7 | eP | P | |
| TGUH | | eP | P | 06 43 54.7 +1.8 |
| NNA | comp=Z,8um,21.0s,MSS.2 | LR | LR | |
| NNA | Nana 27.53 217 P | P | P | 06 40 38.0 0.0 |
| NNA | comp=Z,294nm,0.9s,mb5.9,SNR=5.2 | P | P | 06 40 37.2 -0.8 |
| NNA | comp=Z,26nm,1.0s,mb4.8,baz=33,slow=8.8,SNR=10.0 | S | S | |
| NNA | | S | S | 06 45 22.2 +6.1 |
| NNA | comp=Z,1.6nm,0.3s,baz=150,slow=12,SNR=1.6 | LR | LR | 06 53 19.3 |
| NNA | comp=Z,1.1um,18.6s,MSS.5,baz=45,slow=40 | LR | LR | 06 40 38.2 +0.2 |
| NNA | Nana 27.53 217 eP | P | P | |
| NNA | comp=Z,60nm,0.8s,mb5.3 | LR | LR | |
| LPAZ | comp=Z,6um,19.0s,MSS.2 | P | P | 06 40 38.6 +0.5 |
| LPAZ | La Paz 27.55 196 P | P | P | |
| LPAZ | comp=Z,23nm,0.8s,mb4.9,baz=13,slow=9.5,SNR=77 | S | S | |
| LPAZ | | S | S | 06 45 23.6 +7.2 |
| LPAZ | comp=Z,7.0nm,0.9s,baz=303,slow=19,SNR=2.0 | LR | LR | 06 52 47.6 |
| LPAZ | comp=Z,24um,18.3s,MSS.8,baz=189,slow=39 | LR | LR | 06 40 38.4 +0.3 |
| LPAZ | La Paz 27.55 196 eP | P | P | 06 45 17.9 +1.5 |
| LPAZ | | eS | S | |
| LPAZ | | LR | LR | |
| TEIG | comp=Z,24um,19.0s,MSS.8 | S | S | |
| TEIG | Teich 28.91 293 eP | P | P | 06 40 46.9 +0.1 |
| TEIG | comp=Z,44nm,0.9s,mb5.2 | LR | LR | |
| NHSC | comp=Z,8um,21.0s,MSS.3 | LR | LR | |
| NHSC | New Hope 28.99 324 eP | P | P | 06 40 52.7 +1.8 |
| NHSC | comp=Z,217nm,1.3s,mb5.7 | LR | LR | |
| RCBR | comp=Z,10um,20.0s,MSS.4 | P | P | 06 40 51.8 -1.9 |
| RCBR | Riachuelo 29.12 229 eP | P | P | |
| RCBR | comp=Z,119nm,1.0s,mb5.6 | eP | P | 06 41 05.3 -0.5 |
| RCBR | | eP | P | |
| CNNC | comp=Z,6um,21.0s,MSS.2 | P | P | 06 40 54.8 +0.3 |
| CNNC | Cliffs of the 29.40 330 eP | P | P | |
| CNNC | comp=Z,81nm,1.4s,mb5.3 | eS | S | 06 45 51.3 +6.0 |
| CNNC | | LR | LR | |
| COW | comp=Z,8um,20.0s,MSS.3 | P | P | 06 40 55.6 +0.3 |
| COW | Cow Castle Cre 29.49 324 eP | P | P | 06 44 01.4 +1.4 |
| COW | comp=Z,29nm,0.9s,mb5.0,baz=126,slow=6.4,SNR=22 | eP | P | 06 40 57.5 +1.0 |
| APG | comp=Z,5.7nm,1.1s,baz=90,slow=23,SNR=3.4 | S | S | 06 45 54.0 +5.1 |
| JSC | Jenkinsville 30.46 325 eP | P | P | 06 41 03.3 -0.6 |
| GOGA | Godfrey 31.17 321 eP | P | P | 06 41 10.0 -0.2 |
| GOGA | comp=Z,53nm,1.1s,mb5.3 | MLR | MLR | |
| GOGA | comp=Z,6um,20.0s,MSS.3 | MLR | MLR | |
| GOGA | Godfrey 31.17 321 eP | P | P | 06 41 10.0 -0.1 |
| GOGA | comp=Z,53nm,1.1s,mb5.3 | LR | LR | |
| GOGA | comp=Z,6um,20.0s,MSS.3 | LR | LR | |
| JSRW | J. Sargeant Re 31.39 333 eP | P | P | 06 41 12.2 +0.2 |
| CBN | Corbin 31.59 334 eP | P | P | 06 41 14.4 +0.7 |
| CBN | comp=Z,47nm,0.8s,mb5.4 | LR | LR | |
| WVCC | comp=Z,9um,21.0s,MSS.4 | LR | LR | |
| WVCC | Virginia Weste 32.02 330 eP | P | P | 06 41 20.0 +2.5 |
| BRAL | Brewton 32.10 314 eP | P | P | 06 41 19.0 +0.7 |
| BRAL | comp=Z,109nm,0.7s,mb5.8 | LR | LR | |
| BLA | comp=Z,11um,19.0s,MSS.6 | LR | LR | |
| BLA | Blacksburg 32.21 329 eP | P | P | 06 41 20.1 +0.9 |
| BLA | comp=Z,121nm,1.4s,mb5.5 | pmx | pmx | |
| BLA | comp=Z,8um,20.0s,MSS.4 | MLR | MLR | |
| BLA | Blacksburg 32.21 329 eP | P | P | 06 41 20.1 +0.8 |
| BLA | comp=Z,121nm,1.4s,mb5.5 | LR | LR | |
| BLA | comp=Z,8um,20.0s,MSS.4 | LR | LR | |
| SDMD | Soldier's Dell 32.39 336 eP | P | P | 06 41 21.7 +0.9 |
| ELN | Prospectdale 32.39 329 eP | P | P | 06 41 21.5 +0.7 |
| PB01 | Plate Boudary 32.45 196 i/P | P | P | 06 41 19.0 -2.5 |
| MVL | Millersville 32.70 337 eP | P | P | 06 41 24.5 +1.0 |
| YLE | comp=Z,91nm,0.8s,mb5.6 | P | P | 06 41 26.9 +3.3 |
| YLE | Yale 32.72 342 eP | P | P | 06 41 37.6 +1.8 |
| PAL | Palisades 32.74 341 eP | P | P | 06 41 26.8 +3.0 |
| PAL | comp=Z,59nm,1.1s,mb5.4 | pmx | pmx | |
| PAL | Palisades 32.74 341 eP | P | P | 06 41 26.8 +3.1 |
| PAL | comp=Z,59nm,1.1s,mb5.4 | P | P | 06 41 25.0 -0.2 |
| TKL | Tuckaleechee C 32.89 324 eP | P | P | 06 41 19.0 -2.5 |
| CPCT | Cooper Cave 33.19 323 eP | P | P | 06 44 10.9 +1.1 |
| CPCT | | eP | P | 06 41 28.0 -0.2 |
| LRAL | Lakeview Retre 33.23 317 eP | P | P | 06 42 41.7 -2.2 |
| LRAL | comp=Z,41nm,0.8s,mb5.4 | eS | S | 06 46 46.1 +1.0 |
| LRAL | | LR | LR | |
| SSPA | comp=Z,4um,20.0s,MSS.1 | P | P | 06 41 34.3 +0.8 |
| SSPA | Standing Stone 33.85 336 eP | P | P | |
| SSPA | comp=Z,84nm,0.9s,mb5.7 | LR | LR | |
| MCWV | comp=Z,7um,20.0s,MSS.4 | P | P | 06 41 35.2 +1.5 |
| MCWV | Mont Chateau 33.88 333 eP | P | P | |
| MCWV | comp=Z,119nm,1.1s,mb5.7 | LR | LR | |
| MCWV | comp=Z,8um,20.0s,MSS.5 | LR | LR | |
| SWET | Seawane 33.90 321 eP | P | P | 06 41 34.2 +0.2 |
| SWET | | eP | P | 06 44 12.8 +0.9 |
| TRY | Troy 34.23 343 eP | P | P | 06 41 38.4 +1.6 |
| BINY | Binghamton 34.30 339 eP | P | P | 06 41 40.4 +1.3 |
| BINY | comp=Z,213nm,1.3s,mb5.9 | eP | P | 06 44 13.7 +0.2 |
| BINY | | eP | P | |
| BINY | | LR | LR | |
| HNH | comp=Z,7um,20.0s,MSS.4 | P | P | 06 41 43.0 +1.8 |
| ACCN | Airondack Com 34.83 343 eP | P | P | 06 41 43.6 +1.7 |
| LBNH | comp=Z,161nm,1.4s,mb5.8 | P | P | 06 41 46.1 +1.3 |
| LBNH | Liabon 35.17 346 eP | P | P | |
| LBNH | comp=Z,119nm,1.2s,mb5.7 | pmx | pmx | |
| LBNH | comp=Z,6um,20.0s,MSS.3 | MLR | MLR | |
| LBNH | Liabon 35.17 346 eP | P | P | 06 41 46.1 +1.3 |
| LBNH | comp=Z,119nm,1.2s,mb5.7 | LR | LR | |
| VBMS | comp=Z,6um,20.0s,MSS.3 | LR | LR | |
| VBMS | Vicksburg 35.23 313 eP | P | P | 06 41 45.8 +0.2 |
| VBMS | comp=Z,119nm,0.9s,mb5.8 | LR | LR | |
| MDV | comp=Z,15um,20.0s,MSS.8 | P | P | 06 41 47.2 +1.6 |
| MDV | Middlebury 35.27 344 eP | P | P | |
| NCB | Newcomb 35.53 343 eP | P | P | 06 41 49.3 +1.3 |
| NCB | comp=Z,117nm,1.1s,mb5.7 | LR | LR | |

| | | | | |
|-------|--|-----|-----|-----------------|
| PKME | comp=Z,4um,20.0s,MSS.2 | P | P | 06 41 50.0 +1.7 |
| PKME | Peaks-Kenny Pk 35.58 349 P | P | P | |
| PKME | comp=Z,72nm,1.4s,mb5.4 | LR | LR | |
| ALLY | comp=Z,7um,21.0s,MSS.4 | LR | LR | |
| ALLY | Alleyholey Ck 35.63 334 eP | P | P | 06 41 50.0 +1.1 |
| ALLY | comp=Z,168nm,1.1s,mb5.9 | eS | S | |
| WVT | Waverly 35.66 320 eP | P | P | 06 41 48.5 -0.7 |
| WVT | | e | S | 06 44 17.4 +0.4 |
| WVT | | e | S | 06 47 23.7 +1.0 |
| WVT | comp=Z,60nm,0.8s,mb5.6 | pmx | pmx | |
| WVT | comp=Z,6um,21.0s,MSS.3 | MLR | MLR | |
| WVT | Waverly 35.66 320 eP | P | P | 06 41 48.5 -0.8 |
| WVT | comp=Z,60nm,0.8s,mb5.6 | eP | P | 06 44 17.4 +0.4 |
| WVT | | eS | P | 06 47 23.7 +1.1 |
| WVT | | LR | LR | |
| OXF | comp=Z,6um,21.0s,MSS.3 | LR | LR | |
| OXF | Oxford 35.72 317 eP | P | P | 06 41 48.9 -0.8 |
| OXF | | eS | S | 06 47 24.2 +0.7 |
| OXF | comp=Z,131nm,0.9s,mb5.9 | pmx | pmx | |
| OXF | | MLR | MLR | |
| OXF | comp=Z,4um,20.0s,MSS.2 | MLR | MLR | |
| OXF | Oxford 35.72 317 eP | P | P | 06 41 48.9 -0.8 |
| OXF | comp=Z,131nm,0.9s,mb5.9 | eS | S | 06 47 24.2 +0.7 |
| OXF | | LR | LR | |
| ACSO | comp=Z,4um,20.0s,MSS.2 | LR | LR | |
| ACSO | Alum Creek Sta 35.81 330 eP | P | P | 06 41 50.8 +0.3 |
| ACSO | comp=Z,42nm,0.9s,mb5.1 | LR | LR | |
| ERPA | comp=Z,7um,20.0s,MSS.4 | P | P | 06 41 51.1 -0.5 |
| ERPA | Erie 35.95 335 P | P | P | |
| ERPA | comp=Z,62nm,0.8s,mb5.6 | LR | LR | |
| SPB | comp=Z,7um,20.0s,MSS.4 | LR | LR | |
| SPB | Sao Paulo 36.09 159 eP | P | P | 06 41 52.6 -0.3 |
| SPB | comp=Z,16nm,0.3s,mb4.0 | LR | LR | |
| WCI | comp=Z,14um,21.0s,MSS.7 | LR | LR | |
| WCI | Wyandotte Cave 36.12 324 eP | P | P | 06 41 52.9 -0.2 |
| WCI | | e | pmx | 06 43 19.2 |
| WCI | comp=Z,70nm,1.2s,mb5.5 | MLR | MLR | |
| WCI | comp=Z,5um,20.0s,MSS.3 | MLR | MLR | |
| WCI | Wyandotte Cave 36.12 324 eP | P | P | 06 41 52.9 -0.2 |
| WCI | comp=Z,70nm,1.2s,mb5.5 | eP | P | 06 43 19.2 +3.2 |
| WCI | | LR | LR | |
| FRNY | comp=Z,5um,20.0s,MSS.3 | LR | LR | |
| FRNY | Flat Rock 36.15 344 eP | P | P | 06 41 54.5 +1.2 |
| SACV | comp=Z,44nm,0.9s,mb5.1 | P | P | 06 42 10.0 +1.6 |
| SACV | Santiago Islan 36.22 79 PFAKE | LR | LR | |
| LONY | comp=Z,3um,21.0s,MSS.1 | LR | LR | |
| LONY | Lake Ozonia 36.23 343 eP | P | P | 06 41 54.8 +0.9 |
| LONY | comp=Z,39nm,1.0s,mb5.3 | LR | LR | |
| UTMT | comp=Z,4um,19.0s,MSS.2 | LR | LR | |
| UTMT | University of 36.45 320 eP | P | P | 06 41 55.9 -0.1 |
| UTMT | comp=Z,408nm,1.0s,mb5.6 | LR | LR | |
| HALT | Halt 36.49 319 eP | P | P | 06 41 55.1 -1.2 |
| CPUP | comp=Z,71nm,1.2s,mb5.4,baz=344,slow=7.9,SNR=43 | P | P | 06 58 16.3 |
| CPUP | Villa Florida 36.61 175 P | P | P | 06 41 55.6 -1.7 |
| CPUP | comp=Z,9um,19.7s,MSS.5,baz=341,slow=38 | pmx | pmx | |
| CPUP | Villa Florida 36.61 175 P | P | P | 06 41 55.6 -1.7 |
| CPUP | comp=Z,71nm,1.2s | MLR | MLR | |
| GLAT | comp=Z,9um,19.7s | eP | P | 06 41 57.9 0.0 |
| GLAT | Bloomington 36.68 319 eP | P | P | 06 42 00.2 +0.4 |
| BLO | Halls 36.90 325 eP | pmx | pmx | |
| BLO | comp=Z,150nm,1.4s,mb5.6 | P | P | 06 41 58.8 -1.6 |
| CAMA | comp=Z,150nm,1.4s,mb5.6 | P | P | 06 41 59.7 |
| CAMA | comp=Z,150nm,1.4s,mb5.6 | P | P | 06 42 09.5 -3.2 |
| CAMA | | P | P | 06 42 11.4 -1.3 |
| CAMA | | P | P | 06 42 16.6 |
| CAMA | | P | P | 06 42 28.2 |
| CAMA | | P | P | 06 42 30.0 |
| CAMA | | P | P | 06 42 41.4 |
| CAMA | | P | P | 06 42 00.2 -0.2 |
| GNAR | Gosnell 36.97 318 eP | P | P | 06 42 02.0 -0.4 |
| PARMO | Parma 37.21 319 eP | P | P | 06 42 02.0 -0.4 |
| OLIL | Olney 37.51 323 eP | P | P | 06 42 05.1 +0.2 |
| SIUC | comp=Z,203nm,1.2s,mb5.7 | P | P | 06 42 05.2 +0.1 |
| SIUC | Southern Illin 37.53 321 eP | P | P | 06 42 07.6 +0.9 |
| SIUC | comp=Z,204nm,1.0s,mb5.8 | pmx | pmx | |
| AAM | AAM 37.73 313 eP | P | P | 06 42 07.6 +0.9 |
| AAM | comp=Z,98nm,0.7s,mb5.7 | MLR | MLR | |
| AAM | Ann Arbor 37.73 331 eP | P | P | 06 42 07.5 +0.8 |
| AAM | comp=Z,98nm,0.7s,mb5.7 | LR | LR | |
| AAM | comp=Z,7um,20.0s,MSS.4 | LR | LR | |
| UALR | University of 37.87 315 eP | P | P | 06 42 07.8 -0.3 |
| NATX | comp=Z,29nm,0.8s,mb5.1 | P | P | 06 42 08.9 -1.1 |
| NATX | Nacogdoches 38.10 309 eP | LR | LR | |
| NATX | comp=Z,463nm,1.9s,mb5.9 | LR | LR | |
| FVM | comp=Z,9um,20.0s,MSS.6 | P | P | 06 42 12.1 -0.7 |
| FVM | French Village 38.44 321 eP | P | P | 06 42 12.8 -1.5 |
| MIAR | Mount Ida 38.62 314 eP | pmx | pmx | |
| MIAR | comp=Z,64nm,1.6s,mb5.1 | MLR | MLR | |
| MIAR | comp=Z,10um,20.0s,MSS.6 | LR | LR | 06 42 12.8 -1.5 |
| MIAR | Mount Ida 38.62 314 eP | P | P | |
| MIAR | comp=Z,64nm,1.6s,mb5.1 | LR | LR | |
| SLM | comp=Z,10um,20.0s,MSS.6 | P | P | 06 42 16.2 +1.0 |
| SLM | Saint Louis 38.73 322 eP | pmx | pmx | |
| SLM | comp=Z,50nm,0.8s,mb5.3 | P | P | 06 42 16.1 +1.0 |
| SLM | Saint Louis 38.73 322 eP | P | P | 06 42 30.0 +1.2 |
| SL | | | | |

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|------|---|-----------|-----|-----|-----------------|
| X24A | baz=47,SNR=75 Lazy VL Ranch, baz=48,SNR=41 | 47.50 308 | ↑P | P | 06 43 25.9 -0.2 |
| 223A | Chaparral, Ant baz=48 | 47.51 304 | ↑P | P | 06 43 26.0 -0.2 |
| 123A | Beil Site, Whi baz=48 | 47.56 302 | ↑P | P | 06 43 26.2 -0.4 |
| OGNE | Ogallala | 47.59 317 | eP | P | 06 43 25.5 -1.2 |
| OGNE | | | eP | P | 06 44 57.9 +1.9 |
| OGNE | comp=Z,4um,21.0s,MS5.3 | | LR | LR | |
| T25A | Trinidad | 47.65 311 | ↑P | P | 06 43 26.3 -0.9 |
| W24A | baz=48,SNR=20 Lazy G | 47.70 309 | ↑P | P | 06 43 27.6 -0.1 |
| 223A | Rita Site, Whi baz=48,SNR=64 | 47.72 306 | ↑P | P | 06 43 27.8 -0.1 |
| Y23A | Lovelace Mesa, baz=48,SNR=14 | 47.78 307 | ↑P | P | 06 43 28.5 +0.1 |
| S25A | Robets Cordova baz=48,SNR=40 | 47.87 312 | ↑P | P | 06 43 27.9 -1.0 |
| U24A | Moreno Valley baz=48,SNR=14 | 48.02 310 | ↑P | P | 06 43 29.8 -0.3 |
| AGMN | Agassiz Nation comp=Z,102nm,0.9s,mb5.8 | 48.03 329 | eP | P | 06 43 29.2 -0.8 |
| AGMN | | | LR | LR | |
| 222A | comp=Z,71um,20.0s,MS5.6 Williams Famil baz=48,SNR=11 | 48.09 304 | ↑P | P | 06 43 30.6 -0.1 |
| X23A | Hourglass Bar baz=48 | 48.10 307 | ↑P | P | 06 43 30.7 0.0 |
| 123A | Conniff Cattle baz=48,SNR=13 | 48.17 305 | ↑P | P | 06 43 31.7 +0.3 |
| TRQA | Tornquist comp=Z,49nm,1.2s,mb5.4 | 48.20 182 | eP | P | 06 43 29.3 -2.0 |
| TRQA | | | LR | LR | |
| Q25A | comp=Z,17um,19.0s,MS6.0 Bedland, Calha baz=48 | 48.23 314 | ↑P | P | 06 43 31.9 +0.2 |
| W23A | Werner Place, baz=48,SNR=29 | 48.26 308 | ↑P | P | 06 43 32.1 +0.1 |
| Z22A | Elephant Butte baz=48,SNR=52 | 48.30 306 | ↑P | P | 06 43 32.5 +0.1 |
| BNN | Barren Site comp=Z,295nm,1.4s,mb6.1 | 48.30 307 | eP | P | 06 43 33.0 +0.6 |
| LPM | Los Pinos Moun baz=48,SNR=11 | 48.36 307 | eP | P | 06 43 33.5 +0.7 |
| P25A | Willow Gulch B baz=48,SNR=11 | 48.42 314 | ↑P | P | 06 43 33.1 0.0 |
| ANMO | Albuquerque | 48.43 308 | ↑P | P | 06 43 33.7 +0.4 |
| S24A | Houchin Ranch, baz=48,SNR=36 | 48.43 312 | ↑P | P | 06 43 32.9 -0.4 |
| V23A | Ortiz Mt. (NFS baz=48,SNR=64) | 48.48 309 | ↑P | P | 06 43 34.2 +0.5 |
| Y22A | Socorro baz=48,SNR=45 | 48.41 306 | ↑P | P | 06 43 33.9 0.0 |
| Y22D | IRIS PASCAL I baz=49 | 48.51 307 | ↑P | P | 06 43 33.9 0.0 |
| R24A | Sanders Place, baz=49,SNR=7.8 | 48.58 312 | ↑P | P | 06 43 34.3 -0.1 |
| LENM | Lemitt baz=49,SNR=29 | 48.58 307 | eP | P | 06 43 34.6 +0.1 |
| 221A | Mesquite Ranch baz=49 | 48.61 304 | ↑P | P | 06 43 35.0 +0.2 |
| SDCO | Great Sand Dun comp=Z,43nm,1.1s,mb5.4 | 48.68 312 | eP | P | 06 43 34.6 -0.6 |
| SDCO | | | LR | LR | 06 45 01.9 +1.9 |
| U23A | comp=Z,11um,20.0s,MS5.8 El Rito baz=49,SNR=32 | 48.68 310 | ↑P | P | 06 43 35.6 +0.3 |
| X22A | Bernardo baz=49,SNR=29 | 48.72 307 | ↑P | P | 06 43 35.8 +0.2 |
| 121A | Cookes Peak, D baz=49,SNR=29 | 48.76 304 | ↑P | P | 06 43 36.4 +0.5 |
| W22A | Albuquerque baz=49,SNR=13 | 48.78 308 | ↑P | P | 06 43 36.3 +0.2 |
| LAZ | Ladron comp=Z,36nm,1.0s,mb5.3 | 48.78 307 | eP | P | 06 43 36.7 +0.6 |
| T23A | Casita Ranch baz=49,SNR=28 | 48.82 311 | ↑P | P | 06 43 36.0 -0.3 |
| Z21A | St. Cloud Mine baz=49,SNR=73 | 48.88 305 | ↑P | P | 06 43 37.1 +0.3 |
| 320A | Kipp Ranch, An baz=49,SNR=12 | 49.06 303 | ↑P | P | 06 43 38.6 +0.4 |
| V22A | San Miguel Ran baz=49,SNR=117 | 49.09 309 | ↑P | P | 06 43 38.8 +0.4 |
| Y21A | Point of Rocks baz=49,SNR=73 | 49.09 306 | ↑P | P | 06 43 38.9 +0.5 |
| 220A | Playas Peak, P baz=49,SNR=21 | 49.20 303 | ↑P | P | 06 43 39.5 +0.2 |
| U22A | Llaves baz=49,SNR=43 | 49.20 309 | ↑P | P | 06 43 39.4 +0.2 |
| ULM | Lac du Bonnet comp=Z,59nm,0.8s,mb5.7,baz=131,slow=8.1,SNR=47 | 49.31 331 | P | P | 06 43 38.6 -1.1 |
| ULM | | | LR | LR | 07 05 17.6 |
| ULM | comp=Z,5um,20.3s,MS5.5,baz=138,slow=37 Lac du Bonnet comp=Z,83nm,0.9s,mb5.8 | 49.31 331 | eP | P | 06 43 38.5 -1.2 |
| ULM | | | LR | LR | |
| X21A | comp=Z,61um,20.0s,MS5.6 Alamoita Cree baz=49,SNR=52 | 49.31 307 | ↑P | P | 06 43 40.3 +0.2 |
| W21A | San Fidel baz=49 | 49.40 308 | ↑P | P | 06 43 41.1 +0.3 |
| 120A | U Bar Ranch, L baz=50,SNR=24 | 49.45 304 | ↑P | P | 06 43 41.8 +0.6 |
| T22A | Edith baz=50,SNR=28 | 49.46 310 | ↑P | P | 06 43 41.2 +0.1 |
| ISCO | Idaho Springs comp=Z,34nm,1.0s,mb5.3 | 49.56 314 | eP | P | 06 43 41.6 -0.3 |
| ISCO | | | MLR | MLR | |
| ISCO | comp=Z,5um,20.0s,MS5.5 | 49.56 314 | eP | P | 06 43 41.6 -0.3 |
| ISCO | comp=Z,34nm,1.0s,mb5.3 | | LR | LR | |
| Z20A | comp=Z,5um,20.0s,MS5.5 Nine Sixteen R baz=50,SNR=31 | 49.57 305 | ↑P | P | 06 43 42.9 +0.8 |
| V21A | Milan baz=50,SNR=33 | 49.61 309 | ↑P | P | 06 43 42.9 +0.5 |
| Y20A | Horse Springs, baz=50,SNR=26 | 49.62 306 | ↑P | P | 06 43 43.1 +0.7 |
| S22A | 4UR Ranch, Cre baz=50,SNR=44 | 49.66 311 | ↑P | P | 06 43 42.3 -0.4 |
| 319A | Douglas baz=50,SNR=23 | 49.69 302 | ↑P | P | 06 43 43.4 +0.4 |
| R22A | Saguache, Gunn baz=50,SNR=12 | 49.78 312 | ↑P | P | 06 43 43.4 -0.2 |
| 219A | White Tail Can baz=50,SNR=23 | 49.83 303 | ↑P | P | 06 43 44.5 +0.5 |
| U21A | Nageezi baz=50,SNR=46 | 49.83 309 | ↑P | P | 06 43 44.6 +0.6 |
| X20A | Quemado baz=50,SNR=46 | 49.90 307 | ↑P | P | 06 43 45.2 +0.6 |
| T21A | Navajo Lake baz=50 | 49.92 310 | ↑P | P | 06 43 45.1 +0.4 |
| 119A | Aspheck Ranch, baz=50,SNR=14 | 50.06 304 | ↑P | P | 06 43 46.3 +0.6 |
| PHWY | Pilot Hill | 50.06 316 | eP | P | 06 43 45.0 -0.7 |
| PHWY | | | eP | P | 06 45 06.5 +1.5 |
| PHWY | | | P | P | 06 43 45.9 0.0 |
| W20A | Ramah baz=50,SNR=26 | 50.07 307 | ↑P | P | 06 43 45.9 0.0 |
| Q22A | Crested Butte, baz=50,SNR=23 | 50.12 313 | ↑P | P | 06 43 46.0 -0.2 |
| Z19A | T-Link Ranch, baz=50 | 50.16 305 | ↑P | P | 06 43 47.0 +0.4 |
| V20A | Brimhall baz=50,SNR=37 | 50.25 308 | ↑P | P | 06 43 47.5 +0.3 |
| SMCO | Snowmass comp=Z,19nm,0.9s,mb5.5 | 50.29 313 | eP | P | 06 43 47.5 +0.1 |
| 318A | Bisbee baz=50,SNR=28 | 50.30 302 | ↑P | P | 06 43 47.9 +0.3 |
| Y19A | Nutrosio baz=50,SNR=62 | 50.33 306 | ↑P | P | 06 43 48.6 +0.7 |
| S21A | Coal Bank Pass baz=50,SNR=7.9 | 50.34 311 | ↑P | P | 06 43 48.0 +0.1 |
| RSSD | Black Hills comp=Z,12nm,0.7s,mb5.0 | 50.39 320 | eP | P | 06 43 47.6 -0.5 |
| RSSD | | | MLR | MLR | 06 45 06.9 |
| RSSD | comp=Z,12nm,0.7s,mb5.0 | | MLR | MLR | |
| RSSD | comp=Z,4um,21.0s,MS5.5 | 50.39 320 | eP | P | 06 43 47.6 -0.6 |
| RSSD | comp=Z,12nm,0.7s,mb5.0 | | P | P | 06 45 06.9 +0.8 |
| RSSD | | | LR | LR | |
| RSSD | comp=Z,4um,21.0s,MS5.5 | 50.41 312 | ↑P | P | 06 43 48.4 0.0 |

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| 218A | Dragon baz=50,SNR=29 | 50.47 303 | ↑P | P | 06 43 49.6 +0.6 |
| U20A | Newcomb baz=50,SNR=20 | 50.47 309 | ↑P | P | 06 43 49.0 +0.1 |
| N22A | Wattenberg Ran baz=51,SNR=10 | 50.55 315 | ↑P | P | 06 43 49.2 -0.2 |
| 118A | Homack Ranch, baz=51,SNR=32 | 50.57 304 | ↑P | P | 06 43 50.1 +0.4 |
| Q21A | Lamborn Mesa, baz=51 | 50.60 312 | ↑P | P | 06 43 49.8 0.0 |
| V19A | Window Rock baz=51,SNR=27 | 50.67 308 | ↑P | P | 06 43 50.6 +0.2 |
| MVCO | Mesa Verde baz=51,SNR=12 | 50.72 310 | ↑P | P | 06 43 51.0 +0.2 |
| MVCO | Mesa Verde comp=Z,32nm,1.0s,mb5.2 | 50.72 310 | eP | P | 06 43 50.7 -0.1 |
| MVCO | | | LR | LR | |
| P21A | comp=Z,8um,20.0s,MS5.7 Newcastle baz=51,SNR=16 | 50.76 313 | ↑P | P | 06 43 51.5 +0.5 |
| W19A | Sanders baz=51,SNR=22 | 50.76 307 | ↑P | P | 06 43 51.3 +0.2 |
| Y18A | Canyon Day Jun baz=51,SNR=30 | 50.91 305 | ↑P | P | 06 43 52.6 +0.4 |
| R20A | Redvale baz=51,SNR=52 | 50.96 311 | ↑P | P | 06 43 52.8 +0.3 |
| U19A | Dine' College, baz=51,SNR=30 | 50.97 309 | ↑P | P | 06 43 52.4 -0.2 |
| T19A | Beclabito baz=51,SNR=46 | 51.00 309 | ↑P | P | 06 43 52.8 0.0 |
| O21A | Pagosa Valley baz=51,SNR=13 | 51.03 314 | ↑P | P | 06 43 53.6 +0.6 |
| L22A | Ellis Ranch, M baz=51 | 51.03 316 | ↑P | P | 06 43 52.9 -0.1 |
| W18A | Petrified Fore baz=51,SNR=7.2 | 51.04 307 | ↑P | P | 06 43 53.3 +0.1 |
| X18A | Snowflake baz=51,SNR=64 | 51.04 306 | ↑P | P | 06 43 53.9 +0.7 |
| PV01 | Paradox Valley comp=Z,5um,20.0s,MS5.6 | 51.09 311 | eP | P | 06 43 54.0 +0.5 |
| Z17A | San Carlos Hig baz=51,SNR=10.0 | 51.14 305 | ↑P | P | 06 43 53.8 -0.1 |
| Q20A | Ridgely Place, baz=51,SNR=31 | 51.16 312 | ↑P | P | 06 43 53.9 -0.2 |
| 117A | Oracle baz=51,SNR=29 | 51.18 304 | ↑P | P | 06 43 54.4 +0.1 |
| N21A | Black Mountain baz=51,SNR=24 | 51.27 315 | ↑P | P | 06 43 54.7 -0.2 |
| V18A | Gardner baz=51,SNR=14 | 51.36 308 | ↑P | P | 06 43 55.3 -0.3 |
| S19A | Harvey Farm, M baz=51,SNR=54 | 51.38 310 | ↑P | P | 06 43 55.6 0.0 |
| PV04 | Paradox Valley baz=51,SNR=24 | 51.42 311 | eP | P | 06 43 56.4 +0.4 |
| RWWY | Rawlins comp=Z,68nm,1.3s,mb5.4 | 51.42 316 | eP | P | 06 43 55.9 0.0 |
| P20A | De Beque baz=52,SNR=16 | 51.43 313 | ↑P | P | 06 43 56.6 +0.6 |
| M21A | Separation Pea baz=52 | 51.50 316 | ↑P | P | 06 43 56.5 0.0 |
| U18A | Rough Rock, Ch baz=52,SNR=16 | 51.52 309 | ↑P | P | 06 43 56.7 0.0 |
| Y17A | Roosevelt baz=52,SNR=24 | 51.54 305 | ↑P | P | 06 43 57.4 +0.4 |
| O20A | White River Ci baz=52,SNR=14 | 51.55 314 | ↑P | P | 06 43 56.9 0.0 |
| 216A | Three Points, comp=Z,5um,19.6s | 51.64 303 | ↑P | P | 06 43 57.8 +0.1 |
| L21A | Rawlins baz=52,SNR=22 | 51.64 316 | ↑P | P | 06 43 57.5 -0.1 |
| R19A | Curley Farm, L baz=52,SNR=11 | 51.65 311 | ↑P | P | 06 43 57.7 0.0 |
| X17A | Forest Lakes baz=52,SNR=23 | 51.67 306 | ↑P | P | 06 43 58.5 +0.6 |
| PLCA | comp=Z,25nm,0.9s,mb5.4,baz=12,slow=9.1,SNR=54 | 51.70 190 | P | P | 06 43 56.4 -1.5 |
| PLCA | | | MLR | MLR | 07 08 06.6 |
| PLCA | comp=Z,21um,21.5s,MS5.1,baz=11,slow=39 | 51.70 190 | eP | P | 06 43 57.0 -0.8 |
| PLCA | | | MLR | MLR | |
| PLCA | comp=Z,83nm,1.1s | 51.70 190 | eP | P | 06 43 57.0 -0.8 |
| PLCA | | | MLR | MLR | |
| PLCA | comp=Z,2um,21.0s,MS5.2 | 51.70 190 | eP | P | 06 43 57.0 -0.8 |
| PLCA | | | LR | LR | |
| T18A | Mexican Hat baz=52,SNR=66 | 51.74 309 | ↑P | P | 06 43 58.3 -0.1 |
| N20A | Spence Gulch, baz=52,SNR=21 | 51.82 314 | ↑P | P | 06 43 58.7 -0.2 |
| Q19A | Hogan Spring (I baz=52,SNR=38) | 51.87 312 | ↑P | P | 06 43 59.0 -0.3 |
| P19A | Cripple Cowboy baz=52 | 51.90 313 | ↑P | P | 06 43 59.3 -0.2 |
| Z16A | Peralta Trail, baz=52,SNR=26 | 51.93 304 | ↑P | P | 06 43 60.0 +0.2 |
| 116A | Eloy baz=52 | 51.97 303 | ↑P | P | 06 44 00.3 +0.2 |
| S18A | Hurst Farm, Bl baz=52,SNR=33 | 52.01 310 | ↑P | P | 06 44 00.3 -0.1 |
| V17A | Tonalea, Kykot baz=52,SNR=72 | 52.01 307 | ↑P | P | 06 44 00.7 +0.3 |
| M20A | Swingwater, Wa baz=52,SNR=21 | 52.02 315 | ↑P | P | 06 44 00.4 0.0 |
| Y16A | Circle Bar Ran baz=52,SNR=37 | 52.10 305 | ↑P | P | 06 44 01.4 +0.3 |
| R18A | Canyonlands Na baz=52,SNR=42 | 52.15 311 | ↑P | P | 06 44 01.0 -0.4 |
| U17A | Shonto baz=52,SNR=26 | 52.19 309 | ↑P | P | 06 44 01.8 +0.1 |
| X16A | Lo Mia Camp, P baz=52,SNR=15 | 52.20 306 | ↑P | P | 06 44 02.2 +0.1 |
| O19A | Mesa SNAW (B baz=52,SNR=26) | 52.24 313 | ↑P | P | 06 44 01 |

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|-------------------------------------|-------|----|----|-----|-----------------|
| VLC Villacollemand | 69.12 | 47 | eP | P | 06 45 56.1 -0.9 |
| VLC comp=Z,80nm,1.1s,mb5.6 | | | | LR | LR |
| DAVA comp=Z,20m,20.0s,MS5.4 | | | | | |
| DAVA Damuels | 69.13 | 43 | P | P | 06 45 57.1 +0.2 |
| DAVA Damuels | 69.13 | 43 | P | P | 06 45 57.2 +0.2 |
| DAVA comp=Z,79nm,0.9s,mb5.6,SNR=26 | | | | | |
| ASK Askoy | 69.13 | 29 | eP | P | 06 45 56.1 -0.6 |
| ERBM Eremo | 69.17 | 46 | eP | P | 06 45 57.3 +0.1 |
| BER Bergen | 69.17 | 29 | eP | P | 06 45 48.5 -8.4 |
| BER Bergen | 69.17 | 29 | eP | P | 06 55 01.9 +2.7 |
| SIND Sindeldorf | 69.23 | 41 | P | P | 06 45 57.4 -0.1 |
| ERMO Bormio | 69.36 | 44 | P | P | 06 45 58.6 +0.2 |
| FOO Floro | 69.39 | 28 | eP | P | 06 45 57.7 -0.6 |
| FOO Floro | 69.39 | 28 | eP | P | 06 55 02.8 +1.1 |
| FOO Floro | 69.39 | 28 | eP | P | 06 45 57.7 -0.6 |
| FOO Floro | 69.39 | 28 | eP | P | 06 55 02.1 |
| MABI Malga Bissina | 69.41 | 45 | eP | P | 06 45 57.6 -1.1 |
| BLSS Blasio | 69.46 | 30 | eP | P | 06 45 58.9 +0.1 |
| BLSS comp=Z,68nm,1.2s,mb5.4 | | | | AMB | AMB |
| BLSS Blasio | 69.46 | 30 | eP | P | 06 45 58.8 +0.1 |
| MAGA Magasa | 69.46 | 45 | P | P | 06 45 57.3 -1.7 |
| FNDV Fontana Vidola | 69.65 | 47 | P | P | 06 46 00.0 -0.2 |
| ODDI Onda | 69.67 | 30 | eP | P | 06 46 00.9 +0.8 |
| ODDI comp=Z,130nm,1.5s,mb5.6 | | | | AMB | AMB |
| ODDI Onda | 69.67 | 30 | eP | P | 06 46 00.9 +0.8 |
| FETA Feichten | 69.67 | 44 | iP | P | 06 46 00.3 0.0 |
| FETA comp=Z,112nm,1.5s,mb5.6,SNR=34 | | | | | |
| FETA Feichten | 69.67 | 44 | iP | P | 06 46 14.1 -4.6 |
| UBBA Unterbreizbach | 69.70 | 40 | eP | P | 06 46 00.0 -0.4 |
| RETA Reutte | 69.75 | 43 | iP | P | 06 46 00.7 -0.1 |
| RETA comp=Z,48nm,0.9s,mb5.3,SNR=20 | | | | | |
| HYA Hoyanger | 69.79 | 28 | eP | P | 06 46 02.0 +1.2 |
| HYA Hoyanger | 69.79 | 28 | eP | P | 06 46 15.4 -3.7 |
| HYA Hoyanger | 69.79 | 28 | eP | P | 06 46 17.0 |
| HYA Hoyanger | 69.79 | 28 | eP | P | 06 46 02.0 +1.2 |
| DAG Danmarks Havn | 69.94 | 91 | eP | P | 06 46 01.5 +0.1 |
| DAG Danmarks Havn | 69.94 | 91 | eP | P | 06 46 14.3 -0.3 |
| DAG Danmarks Havn | 69.94 | 91 | eP | P | 06 46 01.5 +0.1 |
| DAG Danmarks Havn | 69.94 | 91 | eP | P | 06 46 14.3 -0.3 |
| DAG Danmarks Havn | 69.94 | 91 | eP | P | 06 46 01.5 +0.1 |
| DAG Danmarks Havn | 69.94 | 91 | eP | P | 06 46 14.3 -0.3 |
| MOTA Moosalm | 69.96 | 43 | iP | P | 06 46 01.7 -0.4 |
| MOTA comp=Z,38nm,0.8s,mb5.4,SNR=21 | | | | | |
| LATE Laterza | 70.01 | 48 | P | P | 06 46 02.6 -0.2 |
| SOTA Sankt Quirin | 70.02 | 44 | iP | P | 06 46 02.8 +0.2 |
| SOTA Sankt Quirin | 70.02 | 44 | iP | P | 06 46 15.0 +0.0 |
| NRDL Niedersach Rie | 70.03 | 38 | eP | P | 06 46 02.2 -0.2 |
| NRDL Niedersach Rie | 70.03 | 38 | eP | P | 06 46 02.2 -0.2 |
| CLZ Clausthal | 70.09 | 39 | eP | P | 06 46 02.6 -0.1 |
| CLZ Clausthal | 70.09 | 39 | eP | P | 06 46 02.6 -0.1 |
| TOLF Tofia | 70.12 | 49 | P | P | 06 46 03.0 -0.2 |
| FUR Furstenfeldbru | 70.17 | 43 | eP | P | 06 46 03.0 -0.4 |
| FUR Furstenfeldbru | 70.17 | 43 | eP | P | 06 46 03.0 -0.4 |
| MUD Monsted U'grnd | 70.20 | 34 | iP | P | 06 46 03.6 +0.3 |
| MUD Monsted U'grnd | 70.20 | 34 | iP | P | 06 46 14.7 -1.8 |
| MUD Monsted U'grnd | 70.20 | 34 | iP | P | 06 46 03.6 +0.3 |
| MUD Monsted U'grnd | 70.20 | 34 | iP | P | 06 46 14.7 -1.8 |
| MUD Monsted U'grnd | 70.20 | 34 | iP | P | 06 46 03.6 +0.3 |
| MUD Monsted U'grnd | 70.20 | 34 | iP | P | 06 46 14.7 -1.8 |
| MGAB Montebobbione | 70.26 | 48 | P | P | 06 46 03.6 -0.4 |
| WATA Walderalm | 70.28 | 43 | eP | P | 06 46 04.3 +0.3 |
| WATA Walderalm | 70.28 | 43 | eP | P | 06 46 04.3 +0.3 |
| WTTA Wattenberg | 70.31 | 44 | iP | P | 06 46 04.3 0.0 |
| WTTA Wattenberg | 70.31 | 44 | iP | P | 06 46 17.8 -4.8 |
| WTTA Wattenberg | 70.31 | 44 | iP | P | 06 46 04.3 0.0 |
| WTTA Wattenberg | 70.31 | 44 | iP | P | 06 46 17.8 -4.8 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 04.2 0.0 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| GRF Grafenberg Arr | 70.32 | 41 | eP | P | 06 46 15.9 -1.5 |
| | | | | | |

3d 6h

Table with columns for country/region, name, time, and performance metrics. Includes entries for BRY, VYHS, UZH, etc.

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Table with columns for country/region, name, time, and performance metrics. Includes entries for UZH, UZH, UZH, etc.

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Table with columns for country/region, name, time, and performance metrics. Includes entries for ISAL, RZAN, IZAR, etc.

| 103 | | ISK | | Istanbul-Kandi | | 82.92 | 50 | eP | P | 06 47 14.9 | -0.8 |
|--------|--------------------------|-------|-----|----------------|-----|------------|------|----|---|------------|------|
| GEMT | Gemlik | 83.11 | 50 | eP | P | 06 47 15.6 | -1.0 | | | | |
| TTA | Tatalina | 83.36 | 333 | eP | P | 06 47 18.3 | +0.9 | | | | |
| TTA | comp=Z,140nm,1.3s,mb5.8 | | | | | | | | | | |
| TTA | Tatalina | 83.36 | 333 | eP | P | 06 47 18.3 | +0.9 | | | | |
| ADVT | Abdulvahap | 83.52 | 50 | eP | P | 06 47 18.3 | -0.4 | | | | |
| CAVH | Cavuskovy | 83.63 | 50 | eP | P | 06 47 18.4 | -0.9 | | | | |
| GLINTS | Gilhisar (BURDU) | 83.80 | 50 | eP | P | 06 47 18.8 | -1.4 | | | | |
| ALT | Altintas | 84.00 | 52 | eP | P | 06 47 21.7 | +0.5 | | | | |
| GULT | Gulverner | 84.11 | 50 | eP | P | 06 47 20.9 | -0.9 | | | | |
| ELL | Elmalı | 84.18 | 54 | eP | P | 06 47 22.5 | +0.3 | | | | |
| SHUT | Suhut-Afyon | 84.42 | 52 | eP | P | 06 47 23.2 | -0.1 | | | | |
| ISP | Isparhata | 84.51 | 53 | eP | P | 06 47 23.2 | -0.6 | | | | |
| ISP | Isparhata | 84.51 | 53 | PFAKE | LR | 06 47 40.0 | +1.6 | | | | |
| ISP | comp=Z,733nm,21.0s,MS5.0 | | | | | | | | | | |
| ISP | Isparhata | 84.51 | 53 | P | P | 06 47 23.8 | 0.0 | | | | |
| MDU | Mudurnu | 84.63 | 50 | eP | P | 06 47 24.9 | -0.4 | | | | |
| KOMG | Komaggas | 84.84 | 121 | eP | P | 06 47 24.9 | -0.6 | | | | |
| KOMG | AMS | | | | | 07 21 39.8 | | | | | |
| SUTC | Sutluce-Isparhata | 84.94 | 53 | eP | P | 06 47 23.5 | -2.5 | | | | |
| SVRH | Sivrihisar-ESK | 85.03 | 51 | eP | P | 06 47 26.3 | -0.1 | | | | |
| KIZT | Kizilcal | 85.39 | 51 | eP | P | 06 47 28.2 | -0.1 | | | | |
| OBZN | Obninsk | 85.58 | 35 | eP | P | 06 47 29.1 | +0.6 | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,21.0s,MS5.4 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,215nm,1.0s,mb6.3 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,128nm,1.1s,mb6.1 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,21.0s,MS5.4 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,215nm,1.0s,mb6.3 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,128nm,1.1s,mb6.1 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,21.0s,MS5.4 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,215nm,1.0s,mb6.3 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,128nm,1.1s,mb6.1 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,21.0s,MS5.4 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,215nm,1.0s,mb6.3 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,128nm,1.1s,mb6.1 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,21.0s,MS5.4 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,215nm,1.0s,mb6.3 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,128nm,1.1s,mb6.1 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,21.0s,MS5.4 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,215nm,1.0s,mb6.3 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,128nm,1.1s,mb6.1 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,21.0s,MS5.4 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,215nm,1.0s,mb6.3 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,128nm,1.1s,mb6.1 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,21.0s,MS5.4 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,215nm,1.0s,mb6.3 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,128nm,1.1s,mb6.1 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,21.0s,MS5.4 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,215nm,1.0s,mb6.3 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,128nm,1.1s,mb6.1 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,21.0s,MS5.4 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,215nm,1.0s,mb6.3 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,128nm,1.1s,mb6.1 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,21.0s,MS5.4 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,215nm,1.0s,mb6.3 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,128nm,1.1s,mb6.1 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,21.0s,MS5.4 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,215nm,1.0s,mb6.3 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,128nm,1.1s,mb6.1 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,21.0s,MS5.4 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,215nm,1.0s,mb6.3 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,128nm,1.1s,mb6.1 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,21.0s,MS5.4 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,215nm,1.0s,mb6.3 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,128nm,1.1s,mb6.1 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,21.0s,MS5.4 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,215nm,1.0s,mb6.3 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,128nm,1.1s,mb6.1 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,21.0s,MS5.4 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,215nm,1.0s,mb6.3 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,128nm,1.1s,mb6.1 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,21.0s,MS5.4 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,215nm,1.0s,mb6.3 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,128nm,1.1s,mb6.1 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,21.0s,MS5.4 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P | 06 47 28.7 | -0.1 | | | | |
| OBN | comp=Z,215nm,1.0s,mb6.3 | | | | | | | | | | |
| OBN | Obninsk | 85.58 | 35 | eP | P</ | | | | | | |

Table with columns: NOA, NORSAR Array B, 6.26 325 Pn, Pn, 06 36 44.6 -2.3, etc.

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

ISC/JB 03 07:12:22.0±1.5, 36°55'N, 0°08'28.12'E, 0.07, h4km, 10km, Error ellipse: s-maj=12.8km s-min=9.1km az=179.5

CSEM 03 07:12:21.9±0.7, 36°54'N, 28°17'E, h2km, MD2.8, Error ellipse: s-maj=12.9km s-min=6.9km az=178.0

ISC 03 07:12:23.6, 36°64'N, 28°05'E, h21km, MD2.8

DDA 03 07:12:25.6, 36°70'N, 28°02'E, h7km, 2km, MD2.8

ISC 03 07:12:22.0±1.8, 36°53'N, 0°09'28.15'E, 0.07, h0km, 20km, n17, #082/26, Dodecanese Islands

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

FUNV 03 07:16:22.8, 10°41'N, 60°10'W, h46km, MW3.6

NEIC 03 07:16:24.7, 10°35'N, 60°20'W, h78km, MD3.7 (TRN), After TRN

TRN 03 07:16:24.9, 10°36'N, 60°20'W, h75km, MD3.7, 5C, Trinidad

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

DDA 03 07:17:39.8, 39°96'N, 38°84'E, h7km, 1km, MD2.8

ISC/JB 03 07:17:40.4±0.1, 39°94'N, 38°84'E, h2km, MD2.8, Error ellipse: s-maj=8.5km s-min=4.7km az=36.9

ISC 03 07:17:40.5, 39°98'N, 38°87'E, h6km, MD2.7

CSEM 03 07:17:40.4±0.1, 39°94'N, 38°84'E, h2km, MD2.8, Error ellipse: s-maj=8.5km s-min=4.7km az=36.9

ISC 03 07:17:40.6±0.7, 39°94'N, 0°04'38.84'E, 0.07, h5km, 9km, n13, #041/21, Turkey

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

Table with columns: ESPY, Espiye-Giresun, 0.98 355 ePg, Pg, 07 57 59.0 -0.3, etc.

ICD 03 07:30:29.9±3.2, 9°00'S, 107°0'E, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.6/19, mbtmp3.7/5, Error ellipse: s-maj=155.0km s-min=22.2km az=52.0, South of Jawa

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

WRA Warramunga Arr 27.95 116 Op Pn 07 36 21.3 -1.0

ASAR Alice Springs 28.99 123 P P 07 36 33.4 +1.9

STKA Stephens Creek 38.80 131 P P 07 37 55.8 -0.8

Songino Array 56.60 359 P P 07 40 14.6 +0.2

MKAR Makanchi Array 59.99 340 P P 07 40 38.4 +0.2

TXAR Lajtha Array 1.49 276 PKP PKPdf 07 50 07.7 -1.1

ISC/JB 03 07:43:55.3±0.2, 36°55'N, 0°02'26.60'E, 0.03, h148km, 3km, mb3.5/5, Error ellipse: s-maj=4.0km s-min=3.4km az=167.6

DDA 03 07:43:55.1, 36°43'N, 26°43'E, h25km, 5km, MD3.1

ISC 03 07:43:55.5±0.9, 37°04'N, 27°16'E, h29km, 17km, mb3.3/5, mb1 3.3/11, mb1mx2.8/29, Error ellipse: s-maj=20.8km s-min=13.4km az=168.0

ATH 03 07:43:56.0, 36°61'N, 26°58'E, h138km, 1km

CSEM 03 07:43:56.0±0.1, 36°56'N, 26°59'E, h143km, 2km, MD3.4, Error ellipse: s-maj=3.7km s-min=3.1km az=4.0

HLW 03 07:43:56.2, 36°54'N, 26°99'E, h32km, 63km

NEIC 03 07:43:56.0, 36°61'N, 26°58'E, h138km, MG3.9 (THE), After ATH

THE 03 07:43:58.5, 36°58'N, 26°59'E, h153km, 3km, ML3.9/2, Error ellipse: s-maj=3.5km s-min=1.0km az=157.0

ISC 03 07:43:56.2±0.2, 36°56'N, 0°02'26.60'E, 0.03, h143km, 3km, n188, #190/228, mb3.5/5, Dodecanese Islands

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

Table with columns: GLHS, Gihisar (BURDU), 2.40 75 ePn, Pn, 07 44 36.6 +0.9, etc.

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

KULA Kula-Manisa 2.55 39 ePn Pn 07 44 36.7 -0.8

ATHU Athens Univer 2.65 303 P Pn 07 44 39.7 +0.9

ELL Ellmi 2.67 85 ePn Pn 07 44 40.9 +1.9

DID Didima 2.85 290 ePn Pn 07 44 42.0 +0.7

KYTH Kithira 2.89 266 ePn Pn 07 44 42.3 +0.5

KHL Karahalli 2.92 52 ePn Pn 07 44 42.0 -0.2

KHAL Karahalli 2.93 51 P Pn 07 44 42.8 +0.6

VLI Velia 2.95 274 ePn Pn 07 44 42.5 -0.1

LTU Loutraki 3.25 298 P Pn 07 44 47.0 +0.6

BCK Bucak 3.32 73 ePn Pn 07 44 48.8 +1.5

ISP Isparta 3.38 67 P Pn 07 44 48.8 +0.7

ALOS Alonissos 3.38 321 P Pn 07 44 48.1 0.0

LKR Lokris 3.54 307 P Pn 07 44 50.6 +0.4

ATAL Atalanti 3.55 308 P Pn 07 44 50.3 0.0

SUTC Sutluce-Ispart 3.64 74 ePn Pn 07 44 53.1 +1.7

SHUT Suhut-Aiyon 3.72 56 ePn Pn 07 44 53.2 +0.7

DSF Desfina 3.73 301 P Pn 07 44 53.0 +0.3

ALY Alyon 3.73 47 ePn Pn 07 44 53.0 +0.3

ITM Ithomi 3.80 281 ePn Pn 07 44 54.8 +1.2

ITM Ithomi 3.80 281 P Pn 07 44 54.5 +0.9

PYL PYLOS 3.92 276 ePn Pn 07 44 54.8 -0.3

AGG Agios Georgios 4.18 307 ePn Pn 07 44 59.8 +1.2

AGG Agios Georgios 4.18 307 ePn Pn 07 44 59.8 +1.2

KIZT Kizical 4.78 59 ePn Pn 07 45 07.7 +1.2

SLUM baz=197 5.18 193 P Pn 07 45 11.9 0.0

HMAT Matruh 5.16 193 P Pn 07 45 16.3 +0.6

CSS Prodromos 5.47 176 P Pn 07 45 16.3 +0.6

BR13 Keskin Array S 6.38 58 ePn Pn 07 45 29.2 +1.3

BR13 Keskin Array S 6.38 58 ePn Pn 07 45 29.2 +1.3

BRTR 0.3nm, 0.3s, baz=235, slow=13, SNR=1.9 S Sn 07 46 43.0 +3.4

BRTR Keskin Array B 6.38 58 P Pn 07 45 28.1 +0.2

AYT Al' Ayyat baz=155 7.83 150 P Pn 07 45 47.4 +0.1

KOT Kottamia 7.93 145 P Pn 07 45 46.3 -2.4

KOT Kottamia 7.93 145 P Pn 07 45 46.3 -2.4

HGAG Hagoal baz=145 8.04 143 P Pn 07 45 49.4 -0.7

HGAG Hagoal 8.04 143 P Pn 07 45 49.4 -0.7

MMAI 12nm, 0.3s, baz=308, slow=25, SNR=1.8 S Sn 07 47 15.0 -5.0

HSAF As Saff baz=149 8.07 148 P Pn 07 45 50.0 -0.5

HSAF As Saff 8.07 148 P Pn 07 45 50.0 -0.5

AMAG Maghara baz=149 8.07 135 P Pn 07 45 48.2 -2.4

GLL Jalalah baz=149 8.17 147 P Pn 07 45 51.6 -0.4

TIP Timpageandre 8.21 292 ePn Pn 07 45 49.9 -2.4

LTRZ Laterza 8.66 301 Pn Pn 07 45 56.3 -2.0

CEL Celeste 8.69 284 Pn Pn 07 45 56.3 -2.0

ISK 03 07:49:51.4, 39°08'N, 27°29'E, h16km, MD2.8

ISC/JB 03 07:49:51.5±0.4, 39°10'N, 0°02'37.30'E, 0.03, h6km, 4km, Error ellipse: s-maj=4.2km s-min=3.5km az=6.1

DDA 03 07:49:51.3, 39°09'N, 27°32'E, h7km, 4km, MD2.6

ISC 03 07:49:51.4, 39°08'N, 27°29'E, h16km, MD2.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GZR, DIVS, VOIR, BZS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NEO, XOR, AGG, LKR, etc.

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

ISC 03 12:17:43.2, 36.91N, 27.55E, h2km, MD3.3
NEIC 03 12:17:43.2, 36.94N, 27.54E, h2km, MD3.4(ATH), After ATH.

ISC 03 12:22:05.2, 0.4, 39.24N, 0.03, 22.94E, 0.03, h14km, 4km, n43, c0f63/61, Greece

IDC 03 12:47:35.2, 5.8, 11.44N, 92.57E, h26km, 6km, mb3.7/4, mb1.3/4, mb1mx3.4/23, mbtmp3.7/4, Error ellipse: s-maj=310.2km s-min=20.1km az=60.0, Andaman Islands region

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

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

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

ISC 03 12:17:44.5, 0.4, 36.92N, 0.02, 27.51E, 0.04, h7km, 4km, n63, c0f88/88, Dodecanese Islands

NEIC 03 12:24:02.5, 17.37N, 94.78W, h169km, MD4.3(MEX), After MEX.

ISC 03 13:44:05.4, 0.6, 45.63N, 0.03, 26.55E, 0.04, h146km, 4km, n101, c0f78/149, 47C-29D, Romania

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

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

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

IDC 03 12:21:52.0, 6.1, 11.08N, 92.50E, h24km, 6km, mb3.4/3, mb1.3/6/3, mb1mx3.2/2, mbtmp3.4/3, Error ellipse: s-maj=324.8km s-min=19.7km az=60.0, Andaman Islands region

ISC 03 12:26:39.4, 38.89N, 29.46W, h5km, ML2.8, After PDA PDA 03 12:26:39.4, 0.8, 38.89N, 29.46W, h5km, 400km, MD3.6, ML2.8, Error ellipse: s-maj=380.3km s-min=10.1km az=106.0, Azores Islands

ISC 03 12:30:22.2, 1.5, 39.96N, 141.04E, h0km, mb3.4/3, mb1.3/4.6, mb1mx3.3/25, mbtmp3.3/6, ML2.8/3, Error ellipse: s-maj=37.7km s-min=24.0km az=98.0

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

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

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

ISC 03 12:22:04.5, 0.2, 39.23N, 22.92E, h10km, MD3.4, Error ellipse: s-maj=324.8km s-min=19.7km az=60.0, Andaman Islands region

ISC 03 12:30:23.0, 0.5, 39.04N, 0.03, 140.90E, 0.04, h10km, 5km, mb3.5/3, Error ellipse: s-maj=5.1km s-min=4.7km az=7.3

ISC 03 12:30:23.0, 0.5, 39.04N, 140.86E, h10km, 1km, M3.3 Broadband fault plane solution: P waves. NP1: phi=231.000000, delta=0.000000, lambda=111.000000, NP2: phi=22.000000, delta=0.000000, lambda=70.000000. Principal axes: T P1=75.0000, Azm=222.0000, N P1=65.0000, Azm=35.0000, P P1=22.0000, Azm=126.0000

Table with columns: IHA, IHA, ROCH, ROCH, ROCH, JACH, JACH, PEL, PEL, PEL, RCDM, RCDM, RCDM, RCDM, CLCH, CLCH, TACH, TACH, ANTU, ANTU, ANTU, FCH, FCH, PCH, PCH, CHCH, CHCH, LMEL, LMEL, CACH, CACH, TLL, TLL, TLL, LCO, LCO.

Table with columns: ATH, NEIC, ISC, CSEM, THE, ISC, Code, Station Name, Az, Az', Phase, ID, Time, Res.

ATH 03 15:24:25.2, 38.11N, 21.46E, h25km, 1km, MD3, 3/10, Error ellipse: s-maj=2.8km s-min=4.3km az=161.7

ISC/B 03 15:24:26.2, 0.4, 38.12N, 0.04, 21.53E, 0.03, h21km, 4km, Error ellipse: s-maj=6.2km s-min=4.3km az=161.7

CSEM 03 15:24:26.1, 0.2, 38.15N, 0.15, 21.52E, h20km, MD3, 3, Error ellipse: s-maj=4.2km s-min=3.3km az=159.0

THE 03 15:24:26.2, 38.12N, 21.55E, h24km, ML3, 0/5, Error ellipse: s-maj=0.9km s-min=0.4km az=356.0

ISC 03 15:24:26.2, 0.4, 38.13N, 0.04, 21.53E, 0.03, h21km, 4km, n48, e0582/69, Greece

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

ISC 03 15:30:30.2, 2.2, 3.5675S, 151.14W, h0km, mb3, 9/3, mb1 4.1/3, mb1mx3, 9/13, mbtmp3, 9/3, Error ellipse: s-maj=78.7km s-min=39.6km az=57.0, Pacific-Antarctic Ridge

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

ISC 03 15:43:12.0, 1.4, 35.50N, 58.59E, h0km, mb3, 6/9, mb1 3.7/10, mb1mx3, 6/25, mbtmp3, 7/10, ML3, 2/1, MS2, 7/1, Ms1 2.7/0, ms1mx2, 2/30, Error ellipse: s-maj=32.4km s-min=17.6km az=174.0

ISC/B 03 15:43:12.4, 0.6, 35.54N, 0.03, 58.72E, 0.04, h12km, 5km, mb3, 7/6, Error ellipse: s-maj=5.9km s-min=4.0km az=20.3

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

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

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

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

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

3d 16h

| | | | | | | |
|------|----------------|----------|----|----|------------|------|
| NSY | Sanyi | 1.07 318 | eP | Pn | 15 51 38.0 | +0.5 |
| NSY | Sanyi | 1.11 6 | eP | Sb | 15 51 52.0 | +0.8 |
| TWE | Neicheng | 1.11 6 | eP | Pn | 15 51 36.9 | -1.1 |
| TWE | Neicheng | | eS | Sb | 15 51 52.9 | +0.7 |
| NSST | Nanjuang | 1.13 334 | iP | Pn | 15 51 38.4 | +0.2 |
| NSST | Nanjuang | | eS | Sb | 15 51 51.7 | -1.1 |
| ECL | Taimali | 1.15 208 | eP | Pn | 15 51 35.9 | -2.6 |
| ECL | Taimali | | eS | Sb | 15 51 53.4 | +0.1 |
| WTCT | Ta-cheng | 1.18 282 | eP | Pn | 15 51 38.7 | -0.3 |
| WTCT | Ta-cheng | | eS | Sb | 15 51 54.7 | +0.3 |
| SSD | Sandimen | 1.20 224 | eP | Pn | 15 51 38.7 | -0.6 |
| SSD | Sandimen | | eS | Sn | 15 51 55.3 | +0.3 |
| CHN3 | Shinhua | 1.21 244 | eP | Pn | 15 51 39.9 | +0.6 |
| CHN3 | Shinhua | | eS | Sn | 15 51 56.4 | +1.4 |
| WSF | Szhu | 1.21 271 | eP | Pn | 15 51 39.6 | +0.2 |
| WSF | Szhu | | eS | Sn | 15 51 55.1 | 0.0 |
| CHN8 | Yiju | 1.25 258 | eP | Pn | 15 51 41.3 | +1.4 |
| CHN8 | Yiju | | eS | Sn | 15 51 56.4 | +0.3 |
| TWM1 | Shoushan | 1.30 233 | eP | Pn | 15 51 41.9 | +1.3 |
| SCLT | Jiali | 1.31 251 | eP | Pn | 15 51 42.8 | +2.0 |
| TWA | Mucha | 1.36 2 | eP | Pn | 15 51 41.4 | -0.1 |
| EAST | Anshuo | 1.38 208 | eP | Pn | 15 51 40.4 | -1.3 |
| NWF | Wu-fen Shan | 1.47 8 | eP | Pn | 15 51 42.7 | -0.2 |
| NWF | Wu-fen Shan | | eS | Sn | 15 52 02.8 | +1.4 |
| TWS1 | Kuangyinshan | 1.49 356 | eP | Pn | 15 51 42.6 | -0.6 |
| TWS1 | Kuangyinshan | | eS | Sn | 15 52 03.7 | +1.8 |
| SCZT | Fangliu | 1.50 215 | eP | Pn | 15 51 44.0 | +0.7 |
| SCZT | Fangliu | | eS | Sn | 15 52 02.5 | +0.2 |
| LAY | Lan-yu | 1.57 180 | eP | Pn | 15 51 42.6 | -1.7 |
| LAY | Lan-yu | | eS | Sn | 15 52 04.3 | +0.4 |
| YOJ | Yonaguni jima | 1.59 57 | P | Pn | 15 51 45.1 | +0.6 |
| YOJ | Yonaguni jima | | S | Sn | 15 52 03.8 | -0.6 |
| TWK1 | Hengchun | 1.80 202 | eP | Pn | 15 51 48.3 | +0.9 |
| TWK1 | Hengchun | | eS | Sn | 15 52 10.1 | +0.5 |
| PNG | Penghu | 1.82 269 | eP | Pn | 15 51 48.1 | +0.3 |
| PNG | Penghu | | eS | Sn | 15 52 10.1 | -0.1 |
| HATJ | Hateruma jima | 2.12 77 | P | Pn | 15 51 52.1 | +0.3 |
| HATJ | Hateruma jima | | S | Sn | 15 52 17.8 | +0.1 |
| IRIF | Iriomote-Funau | 2.12 70 | P | Pn | 15 51 52.6 | +0.7 |
| IRIF | Iriomote-Funau | | eS | Sn | 15 52 18.2 | +0.5 |
| JKRS | Kuro-shima | 2.34 74 | P | Pn | 15 51 55.8 | +0.9 |
| JKRS | Kuro-shima | | S | Sn | 15 52 23.7 | +0.7 |
| JIJ | Ishigaki jima | 2.49 72 | P | Pn | 15 51 57.0 | 0.0 |
| JIJ | Ishigaki jima | | S | Sn | 15 52 26.0 | -0.8 |
| JTJ | Tarama | 3.06 70 | S | Sn | 15 52 40.2 | -0.6 |

IDC 03 15:51:20.2, 12.0, 10.73N-92.60E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.2/22, mbtmp3.3/3, Error ellipse: s-maj=656.0km s-min=27.4km az=60.0, Andaman Islands region

| Code | Station Name | Δ° | AZ° | Phase | ID | ISC | h | m | s | ISC | Time | Res |
|------|-----------------|-------|-----|-------|----|-----|----|----|------|-----|------------|------|
| MKAR | Makanchi Array | 37.00 | 348 | Op | P | ISC | 15 | 58 | 31.4 | 0.0 | 16 00 25.1 | -0.3 |
| WRA | Warrungarra Arr | 51.16 | 126 | P | P | | 16 | 00 | 32.7 | | 16 00 38.7 | +0.3 |
| ASAR | Alice Springs | 52.91 | 131 | P | P | | 16 | 00 | 45.6 | | 16 00 45.6 | |

NIED 03 16:14:00, 22.90N, 121.60E, h38km, Mw4.1 Best double couple: Mo 1.35000x10¹⁵ NP1.9x29.00000°, δ84.00000°, λ-163.00000°. NP2.9x29.00000°, δ73.00000°, λ-6.00000°.

IDC 03 16:14:27.8, 0.9, 22.83N-121.42E, h0km, mb3.7/8, mb1 3.8/10, mb1mx3.7/25, mbtmp3.7/10, ML3.3/2, MS3.3/2, Ms1 3.4/2, ms1mx2.5/37, Error ellipse: s-maj=26.3km s-min=19.5km az=52.0

BUI 03 16:14:30.6, 22.78N, 121.40E, h19km, mb4.3/7, mb4.3/7, ML3.9/5, Ms3.8/7, Ms7 3.6/6

NEIC 03 16:14:33.0, 0.2, 22.83N-121.45E, h35km, mb4.2/4, ML4.7(TAP), Error ellipse: s-maj=11.8km s-min=8.5km az=129.0

NEIC Recorded [3 TAP] in Tai-tung and [2 TAP] in Hua-lien. ISCJB 03 16:14:33.2, 0.2, 22.86N, 0.02, 121.53E, 0.02, h47km, mb3.8/11, MS3.4/2, Error ellipse: s-maj=3.0km s-min=2.3km az=43.8

TAP 03 16:14:33.7, 22.91N, 121.45E, h39km, ML4.5, B JMA 03 16:14:35.0, 0.2, 22.86N, 0.02, 121.50E, 0.02, h40km, mb4.2, n101, σ1902/164, mb3.8/11, MS3.4/2, 18C-13D, Taiwan region

| Code | Station Name | Δ° | AZ° | Phase | ID | ISC | h | m | s | ISC | Time | Res |
|-------|--------------|------|-----|-------|----|-----|----|----|------|------|------------|------|
| CHKT | Chengkung | 0.27 | 332 | Op | P | ISC | 16 | 14 | 41.0 | -1.0 | 16 14 42.6 | -0.3 |
| TTN | Taitung | 0.34 | 252 | iP | Pn | | 16 | 14 | 49.2 | +0.2 | 16 14 48.0 | -2.1 |
| TGW | Pinlang | 0.40 | 264 | eP | Sn | | 16 | 14 | 48.0 | -2.1 | 16 14 48.0 | -2.1 |
| TGW | Pinlang | | eSg | Sn | | | 16 | 14 | 48.0 | -2.1 | 16 14 48.0 | -2.1 |
| TGW | Pinlang | | iP | Pn | | | 16 | 14 | 48.0 | -2.1 | 16 14 48.0 | -2.1 |
| TGW | Pinlang | | eS | Sn | | | 16 | 14 | 48.0 | -2.1 | 16 14 48.0 | -2.1 |
| TWF1 | Yuli | 0.52 | 339 | iP | Pn | | 16 | 14 | 43.7 | -1.5 | 16 14 52.0 | -1.0 |
| TWF1 | Yuli | | eS | Sn | | | 16 | 14 | 43.8 | -1.7 | 16 14 50.5 | -3.1 |
| ELDTW | Lidau | 0.55 | 306 | iP | Pn | | 16 | 14 | 43.8 | -1.7 | 16 14 43.5 | -2.2 |
| ELDTW | Lidau | | S | Sn | | | 16 | 14 | 43.5 | -2.2 | 16 14 50.5 | -3.3 |
| YULB | Yu-li | 0.56 | 340 | eP | Sn | | 16 | 14 | 44.2 | -1.5 | 16 14 45.5 | -1.6 |
| YULB | Yu-li | | eSg | Sn | | | 16 | 14 | 45.6 | -2.7 | 16 14 47.3 | -0.9 |
| ECL | Taimali | 0.57 | 243 | iP | Pn | | 16 | 14 | 42.2 | -1.3 | 16 14 47.3 | -0.9 |
| ECH | Hungye | 0.66 | 346 | iP | Pn | | 16 | 14 | 48.0 | -2.1 | 16 14 47.3 | -0.9 |
| EHY | Hungye | | eS | Sn | | | 16 | 14 | 48.0 | -2.1 | 16 14 47.3 | -0.9 |
| TAW | Tawu | 0.75 | 228 | iP | Pn | | 16 | 14 | 47.3 | -0.9 | 16 14 47.3 | -0.9 |
| TAW | Tawu | | eS | Sn | | | 16 | 14 | 47.3 | -0.9 | 16 14 47.3 | -0.9 |
| TAW | Tawu | | eS | Sn | | | 16 | 14 | 47.3 | -0.9 | 16 14 47.3 | -0.9 |
| EAST | Anshuo | 0.77 | 232 | iP | Pn | | 16 | 14 | 47.5 | -0.9 | 16 14 47.5 | -0.9 |
| EAST | Anshuo | | eP | Pn | | | 16 | 14 | 48.1 | -0.9 | 16 14 49.2 | +0.1 |
| LAY | Lan-yu | 0.82 | 177 | iP | Pn | | 16 | 14 | 49.2 | +0.1 | 16 14 49.2 | +0.1 |

2008 JUL

| LAY | Station Name | Δ° | AZ° | Phase | ID | ISC | h | m | s | ISC | Time | Res |
|------|----------------|------|-----|-------|----|-----|----|----|------|------|------------|------|
| TEGC | Jichi Village | 0.84 | 2 | eP | Pn | | 16 | 14 | 49.1 | -0.4 | 16 14 50.0 | -0.3 |
| TEGC | Jichi Village | | eS | Sn | | | 16 | 14 | 50.2 | +0.3 | 16 15 01.5 | 0.0 |
| SGST | Jiashian | 0.88 | 285 | iP | Pn | | 16 | 14 | 50.2 | +0.3 | 16 15 01.5 | 0.0 |
| SGST | Jiashian | | S | Sn | | | 16 | 14 | 50.5 | +0.2 | 16 15 02.1 | 0.0 |
| WTP | Ta-pu | 0.90 | 295 | iP | Pn | | 16 | 14 | 50.5 | +0.2 | 16 15 02.1 | 0.0 |
| WTP | Ta-pu | | eS | Sn | | | 16 | 14 | 50.5 | +0.1 | 16 15 01.4 | -0.9 |
| ALS | Alishan | 0.91 | 315 | iP | Pn | | 16 | 14 | 50.5 | +0.1 | 16 15 01.4 | -0.9 |
| ALS | Alishan | | eS | Sn | | | 16 | 14 | 50.0 | -0.5 | 16 15 01.9 | -0.6 |
| TPUB | Ta-pu | 0.92 | 299 | eP | Sn | | 16 | 14 | 50.0 | -0.5 | 16 14 50.7 | -0.2 |
| TPUB | Ta-pu | | eSg | Sn | | | 16 | 14 | 50.7 | -0.2 | 16 15 03.2 | 0.0 |
| SCZT | Fangliu | 0.95 | 239 | iP | Pn | | 16 | 14 | 50.7 | -0.2 | 16 14 49.3 | -1.6 |
| SCZT | Fangliu | | eS | Sn | | | 16 | 14 | 49.3 | -1.6 | 16 15 01.6 | +0.6 |
| ESL | Shilin | 0.95 | 356 | eP | Pn | | 16 | 14 | 49.3 | -1.6 | 16 15 01.6 | +0.6 |
| CHN1 | Nanshi | 0.95 | 290 | iP | Pn | | 16 | 14 | 51.6 | +0.6 | 16 15 04.2 | +0.5 |
| CHN1 | Nanshi | | eS | Sn | | | 16 | 14 | 51.6 | +0.4 | 16 15 04.2 | +0.5 |
| CHN4 | Tsauhshan | 0.97 | 300 | iP | Pn | | 16 | 14 | 51.6 | +0.4 | 16 15 04.2 | +0.5 |
| CHN4 | Tsauhshan | | S | Sn | | | 16 | 14 | 53.2 | +1.7 | 16 15 08.8 | +4.4 |
| TWM1 | Shoushan | 1.00 | 268 | iP | Pn | | 16 | 14 | 53.2 | +1.7 | 16 15 08.8 | +4.4 |
| TWM1 | Shoushan | | eS | Sn | | | 16 | 14 | 50.8 | -0.9 | 16 14 52.5 | +0.6 |
| ESF | Shoufeng Towns | 1.00 | 0 | eP | Pn | | 16 | 14 | 50.8 | -0.9 | 16 15 05.2 | +0.2 |
| ESF | Shoufeng Towns | | eS | Sn | | | 16 | 14 | 51.6 | -0.7 | 16 15 06.2 | +0.7 |
| SSLB | Suangling | 1.05 | 331 | eP | Sn | | 16 | 14 | 51.6 | -0.7 | 16 14 54.4 | +1.8 |
| SSLB | Suangling | | eSg | Sn | | | 16 | 14 | 50.2 | +0.2 | 16 15 09.6 | +3.4 |
| CHN5 | Tsaulung | 1.05 | 314 | iP | Pn | | 16 | 14 | 50.2 | +0.2 | 16 15 09.6 | +3.4 |
| CHN5 | Tsaulung | | eS | Sn | | | 16 | 14 | 54.4 | +1.8 | 16 15 09.6 | +3.4 |
| CHN3 | Shinhua | 1.07 | 282 | eP | Pn | | 16 | 14 | 54.4 | +1.8 | 16 15 03.3 | +0.2 |
| CHN3 | Shinhua | | eS | Sn | | | 16 | 14 | 53.9 | -0.2 | 16 14 53.2 | +0.1 |
| HEN | Hengchun | 1.11 | 220 | eP | Pn | | 16 | 14 | 53.2 | +0.1 | 16 15 08.0 | +0.9 |
| HEN | Hengchun | | eS | Sn | | | 16 | 14 | 52.7 | -0.1 | 16 15 07.0 | -0.3 |
| TSEB | Hengchuen, Pin | 1.11 | 210 | P | Pn | | 16 | 14 | 52.7 | -0.1 | 16 14 52.8 | -0.4 |
| TSEB | Hengchuen, Pin | | S | Sn | | | 16 | 14 | 52.8 | -0.4 | 16 15 06.4 | -1.0 |
| HWA | Hwaiien | 1.11 | 5 | P | Pn | | 16 | 14 | 52.8 | -0.4 | 16 14 55.4 | +1.9 |
| HWA | Hwaiien | | eS | Sn | | | 16 | 14 | 55.4 | +1.9 | 16 15 07.2 | -1.2 |
| TWK1 | Hengchun | 1.12 | 215 | iP | Pn | | 16 | 14 | 55.4 | +1.9 | 16 15 07.2 | -1.2 |
| TWK1 | Hengchun | | eS | Sn | | | 16 | 14 | 56.5 | +2.6 | 16 15 13.4 | +4.7 |
| KAU | Kaoshiung | 1.14 | 255 | eP | Pn | | 16 | 14 | 56.5 | +2.6 | 16 14 53.2 | +0.1 |
| KAU | Kaoshiung | | eS | Sn | | | 16 | 14 | 53.2 | +0.1 | 16 15 10.0 | +1.2 |
| SMLT | Sun Moon Lake | 1.16 | 332 | iP | Pn | | 16 | 14 | 53.2 | +0.1 | 16 15 10.0 | +1.2 |
| SMLT | Sun Moon Lake | | eS | Sn | | | 16 | 14 | 55.1 | +0.9 | 16 14 55.1 | +0.9 |
| TWP | Hsiaoliuchiu | 1.17 | 244 | eP | Pn | | 16 | 14 | 55.1 | +0.9 | 16 14 55.1 | +0.9 |

3d 17h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like OBIN, BILL, TIRR, AKASG, MLR, VOIR, BURAR, BUR08, EUF03, JOF, JOF, VTA, APA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like FINES, VNA1, KAF, KAF, ARCES, VYHS, VYHS, NVAR, PLCA, PDAR, PDAR, CPUP, WMOK, TXAR, TXAR, BINY, OLIL, JCT, MIAR, WVT, SWET, LRAL, LPAZ, LPAZ, LPAZ.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BINY, OLIL, JCT, MIAR, WVT, SWET, LRAL, LPAZ, LPAZ, LPAZ.

ISC 03 16:29:32.52.4.6:57S:130.40E, h0km, mb4.4/1, mb1.4/1.4, mb1mx3.8/1.6, mbtmp4.0/4, ML4.0/3, Error ellipse: s-maj=1.05,1.1km s-min=27.6km az=78.0

ISCJB 03 16:29:50.1.2.7.4S:0.1:1.29.8E:0.1, h180km,32km, Error ellipse: s-maj=19.3km s-min=17.8km az=135.1

ISC 03 16:29:50.4.2.3.7:5S:0.1:1.29.8E:0.1, h163km,27km,n8, #142/13, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KUN, FITZ, FITZ, WRA, WRA, COEN, ASAR, MTSU, MKAR.

CSEM 03 16:38:32.6.46:26N:7:22E, h-2km, ML1.0, After ZUR ZUR 03 16:38:32.6.46:26N:7:22E, h-2km,2km, ML1.0/4, 2C-6D, Switzerland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GRON, GRON, GRON, GRON, SENIN, AIGLE, AIGLE, SALAN, SALAN, SALAN, LKBD2, LKBD2.

ISC 03 16:45:24.5:55.0, 18.75S:174.23W, h0km, mb3.8/3, mb1.3/3, mb1mx3.6/1.7, mbtmp3.8/3, Error ellipse: s-maj=1041.0km s-min=173.5km az=82.0, Tonga Islands

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

ISCJB 03 16:54:49.7:1.3, 17:8S:0.2:178:8W:0.2, h615km,15km, mb3.6/9, Error ellipse: s-maj=35.7km s-min=16.6km az=140.9

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NEIC 03 16:54:50.5:1.0, 17:74S:178:78W, h610km,11km, mb4.0/5, Error ellipse: s-maj=25.9km s-min=12.2km az=143.0

IDD 03 16:54:52.5:6.1, 17:74S:178:79W, h632km,75km, mb3.0/7, mb1.3/3.7, mb1mx3.1/1.7, mbtmp3.0/7, Error ellipse: s-maj=97.1km s-min=28.5km az=152.0

ISC 03 16:54:50.6:1.3, 17:8S:0.2:178:8W:0.2, h608km,14km, n15, #057/14, mb3.6/9, 1C, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSVF, FUNA, EIDS, CTAR, CTAR, STKA, STKA, WRAP, WRA, ASAR, ASAR, ASAR, SBA, NVAR, TXAR, PDAR, PDAR.

ISC 03 16:56:38.0:2.0, 0:68N:127:11E, h0km, mb3.4/3, mb1.3/3, mb1mx3.4/1.8, mbtmp3.4/3, Error ellipse: s-maj=172.3km s-min=24.6km az=66.0, Halmahera

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

NNC 03 17:04:16.2:6.2, 39:24N:72:90E, h0km, mb3.7, mpv3.2, Error ellipse: s-maj=31.4km s-min=18.6km az=1.0

ISC 03 17:04:16.2:6.2, 39:24N:72:90E, h0km, mb3.7, mpv3.2, Error ellipse: s-maj=31.4km s-min=18.6km az=1.0

ISC 03 17:04:16.2:6.2, 39:24N:72:90E, h0km, mb3.7, mpv3.2, Error ellipse: s-maj=31.4km s-min=18.6km az=1.0

ISC 03 17:04:16.2:6.2, 39:24N:72:90E, h0km, mb3.7, mpv3.2, Error ellipse: s-maj=31.4km s-min=18.6km az=1.0

ISC 03 17:04:16.2:6.2, 39:24N:72:90E, h0km, mb3.7, mpv3.2, Error ellipse: s-maj=31.4km s-min=18.6km az=1.0

ISC 03 17:04:16.2:6.2, 39:24N:72:90E, h0km, mb3.7, mpv3.2, Error ellipse: s-maj=31.4km s-min=18.6km az=1.0

ISC 03 17:04:16.2:6.2, 39:24N:72:90E, h0km, mb3.7, mpv3.2, Error ellipse: s-maj=31.4km s-min=18.6km az=1.0

ISC 03 17:04:16.2:6.2, 39:24N:72:90E, h0km, mb3.7, mpv3.2, Error ellipse: s-maj=31.4km s-min=18.6km az=1.0

ISC 03 17:04:16.2:6.2, 39:24N:72:90E, h0km, mb3.7, mpv3.2, Error ellipse: s-maj=31.4km s-min=18.6km az=1.0

ISC 03 17:04:16.2:6.2, 39:24N:72:90E, h0km, mb3.7, mpv3.2, Error ellipse: s-maj=31.4km s-min=18.6km az=1.0

ISC 03 17:04:16.2:6.2, 39:24N:72:90E, h0km, mb3.7, mpv3.2, Error ellipse: s-maj=31.4km s-min=18.6km az=1.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GLHS, GLHS, GLHS, GOLH, GOLH, ELL, ELL, DNZL, DNZL, DNZL, YER, YER, DENT, AKAS, AKAS, AKAS, KSL, KSL, MLSB, MLSB, ARG, ARG, ARG, ARG, ARG, ARG, ANT, ANT, BCK, BCK, AYDN, AYDN, AYDN, DAT, DAT, KHL, KHL, KHL, ISP, ISP, ISP, ISP, BDRM, BDRM, BDRM, BODT, BODT, SUTC, SUTC, SUTC, KULA, KULA.

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KULA Kula-Manisa 1.55 345 ePn Pn 17 16 48.5 -0.5

SHUT Suhut-Afyon 1.88 35 ePn Pn 17 16 53.1 -0.3

SMG Samos 2.00 291 ePn Pn 17 16 54.7 -0.4

AKS Akhisar 2.15 330 ePn Pn 17 16 55.6 -0.6

AKS Akhisar 2.15 330 ePn Pn 17 16 55.6 -0.6

AKS Akhisar 2.15 330 ePn Pn 17 16 55.6 -0.6

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AKS Akhisar 2.15 330 ePn Pn 17 16 55.6 -0.6

AKS Akhisar 2.15 330 ePn Pn 17 16 55.6 -0.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GLHS, GLHS, GLHS, GOLH, GOLH, ELL, ELL, DNZL, DNZL, DNZL, YER, YER, DENT, AKAS, AKAS, AKAS, KSL, KSL, MLSB, MLSB, ARG, ARG, ARG, ARG, ARG, ARG, ANT, ANT, BCK, BCK, AYDN, AYDN, AYDN, DAT, DAT, KHL, KHL, KHL, ISP, ISP, ISP, ISP, BDRM, BDRM, BDRM, BODT, BODT, SUTC, SUTC, SUTC, KULA, KULA.

Table with columns: RJF, eMLR, MLR, and station data including names like Les Rejaudoux, Les Rejaudoux, Les Rejaudoux, etc.

Table with columns: AAK, Ala-Archa, AAK, Ala-Archa, AAK, Ala-Archa, etc., listing various stations and their coordinates.

Table with columns: ASAR, WRA, WRA, WRA, WRA, WRA, etc., listing stations in the British region and other locations.

IDC 03 17:56:34.7±17.0, 5.38S×151.12E, h125km, 144km, mb3.6/3, mb1 3.8/3, mb1mx3/3/15, mbtmp3.6/3, Error ellipse: s-maj=99.9km s-min=82.5km az=125.0, New Britain region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC, listing stations like WRA, ASAR, FITZ, TORO, etc.

IDC 03 18:01:42.7±1.9, 36.81N×29.25E, h0km, mb3.6/1, mb1 3.3/4, mb1mx3/2/24, mbtmp3.3/4, ML3 1/3, Error ellipse: s-maj=38.1km s-min=20.8km az=161.0, CSEM 03 18:01:43.8±0.1, 36.98N×29.14E, h2km, MD3.2, Error ellipse: s-maj=3.4km s-min=2.3km az=165.0, NEIC 03 18:01:43.0, 37.05N×29.15E, h5km, MD3.6(ATH), MD3.2(ISK), After ISK, ISCJB 03 18:01:43.5±0.4, 36.96N×0.02±29.15E±0.02, h2km, 4km, Error ellipse: s-maj=3.9km s-min=3.0km az=156.4, DDA 03 18:01:43.7, 36.99N×29.17E, h13km, 3km, MD3.3, ISK 03 18:01:43.6, 37.05N×29.15E, h2km, MD3.2, ATH 03 18:01:43.7, 36.96N×29.22E, h35km, MD3.6/6, ISC 03 18:01:44.2±0.4, 36.97N×0.02±29.16E±0.02, h4km, 3km, n89, ±0.85/118, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC, listing stations like GLHS, ASAR, FITZ, TORO, etc.

Table with columns: ZKR, Zakros, 3.02 233 ePn, Pn, 18 02 33.1 +0.3, etc.

ISCJB 03 18:04:03.6:0.5, 43.74N:0.04:105.27W:0.05, h0km, Error ellipse: s-maj=5.9km s-min=5.5km az=44.1

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

IDC 03 18:11:34.6:3.5, 35.68N:70.52E, h0km, mb3.6/2, mb1.3/6.4, mb1mx3.3/26, mb2mp3.6/4, ML2.9/2, Error ellipse: s-maj=88.9km s-min=29.3km az=139.0

NNC 03 18:11:51.9:4.0, 37.05N:70.06E, h0km, mb4.1, mpv3.7, Error ellipse: s-maj=70.7km s-min=31.1km az=95.0

ISC 03 18:11:49.0:3.5, 36.4N:0.2:70.4E:0.2, h102km, 33km, n7, <090/10, 2C-2D, Hindu Kush region

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

IDC 03 18:21:09.9:14.0, 14.21S:167.88E, h0km, mb3.9/4, mb1.4/1.4, mb1mx3.8/17, mbtmp4.0/4, Error ellipse: s-maj=243.0km s-min=110.3km az=58.0, Vanuatu Islands

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

MOS 03 18:21:15.1:0.0, 15.84N:94.23W, h33km, mb5.3/6.4, MS4.0/4, Error ellipse: s-maj=8.7km s-min=4.8km az=77.5

NEIC 03 18:21:17.6:0.1, 15.82N:94.13W, h42km, 6km, mb5.0/153, MD4.5(MEX), Error ellipse: s-maj=6.3km s-min=4.3km az=212.0

CASC 03 18:21:20.3:1.4, 15.56N:94.41W, h160km, 25km, MD4.6, mb5.0(NEIC)

MEX 03 18:21:20.9:0.8, 15.72N:94.49W, h58km, 20km, MD4.5, IDC 03 18:21:20.1:0.7, 15.82N:94.34W, h71km, 5km, mb4.3/23, mb1.4/5.2/6, mb1mx4.4/29, mbtmp4.3/26, MS3.6/11, M1.3.6/11, ms1mx3.4/22, Error ellipse: s-maj=15.9km s-min=6.1km az=55.0

ISCJB 03 18:21:22.8:0.3, 16.09N:0.04:94.12W:0.03, h87km, 2km, mb4.8/193, Error ellipse: s-maj=7.3km s-min=1.9km az=35.3

SZGRF 03 18:21:23.8, 17.02N:93.56W, h33km, mb5.4, Chiapas, Mexico

BGS 03 18:21:29.7:1.6, 16.05N:93.19W, h40km, mb5.0, ISC 03 18:13N:0.04:94.05W:0.03, h86km, 2km, h7km, 2, 1km, pp-P, n801, <0679/812, mb4.8/193, 156C-168D, Oaxaca

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

APG 92nm, 0.3s, baz=288, slow=20, SNR=5.4

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

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

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

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

Table with columns: OXF, Oxford, 18.77 12 eP, Pn, 18 25 37.2 -0.9, etc.

Table with columns: OXF, Oxford, 18.77 12 eP, Pn, 18 25 37.2 -0.9, etc.

Table with columns: OXF, Oxford, 18.77 12 eP, Pn, 18 25 37.2 -0.9, etc.

Table with columns: OXF, Oxford, 18.77 12 eP, Pn, 18 25 37.2 -0.9, etc.

Table with columns: OXF, Oxford, 18.77 12 eP, Pn, 18 25 37.2 -0.9, etc.

Table with columns: OXF, Oxford, 18.77 12 eP, Pn, 18 25 37.2 -0.9, etc.

Table with columns: OXF, Oxford, 18.77 12 eP, Pn, 18 25 37.2 -0.9, etc.

Table with columns: OXF, Oxford, 18.77 12 eP, Pn, 18 25 37.2 -0.9, etc.

Table with columns: OXF, Oxford, 18.77 12 eP, Pn, 18 25 37.2 -0.9, etc.

Table with columns: OXF, Oxford, 18.77 12 eP, Pn, 18 25 37.2 -0.9, etc.

Table with columns: OXF, Oxford, 18.77 12 eP, Pn, 18 25 37.2 -0.9, etc.

Table with columns: OXF, Oxford, 18.77 12 eP, Pn, 18 25 37.2 -0.9, etc.

| | | | | | |
|------|-----------------|-----------|----|------|-----------------|
| U23A | El Rito | 22.83 334 | ↑P | P | 18 26 20.6 +0.4 |
| T25A | Trinidad | 22.85 338 | ↑P | P | 18 26 21.2 +0.8 |
| 116A | Eloy | 22.88 319 | ↑P | P | 18 26 20.2 -0.7 |
| W20A | Ramah | 22.92 328 | ↑P | P | 18 26 21.7 +0.5 |
| KSU1 | Kansas State | 22.99 355 | eP | P | 18 26 20.3 -1.5 |
| V21A | Milan | 23.04 331 | ↑P | P | 18 26 22.5 +0.2 |
| WCI | Wyandotte Cave | 23.05 16 | eP | Pmax | 18 26 20.3 -2.0 |
| WCI | Wyandotte Cave | 23.05 16 | eP | Pmax | 18 26 20.3 -2.0 |
| OLIL | Olney | 23.11 12 | eP | P | 18 26 21.3 -1.7 |
| Y17A | Roosevelt | 23.13 322 | ↑P | P | 18 26 23.0 -0.2 |
| CBKS | Cedar Bluff | 23.14 349 | eP | Pmax | 18 26 22.7 -0.5 |
| CBKS | Cedar Bluff | 23.14 349 | eP | Pmax | 18 26 22.7 -0.5 |
| U22A | Claves | 23.16 333 | ↑P | P | 18 26 23.9 +0.6 |
| 214A | Organ Pipe Nat | 23.22 316 | ↑P | P | 18 26 23.3 -0.7 |
| X18A | Snowflake | 23.23 325 | ↑P | P | 18 26 24.3 +0.3 |
| Z16A | Peralta Trail | 23.24 321 | ↑P | P | 18 26 23.6 -0.5 |
| 115A | Sonoran Desert | 23.31 318 | ↑P | P | 18 26 24.6 -0.2 |
| S25A | Roberts Cordova | 23.32 339 | ↑P | P | 18 26 25.5 +0.7 |
| W19A | Sanders | 23.36 327 | ↑P | P | 18 26 25.5 +0.2 |
| T23A | Casias Ranch | 23.38 335 | ↑P | P | 18 26 25.9 +0.5 |
| V20A | Brimhall | 23.43 329 | ↑P | P | 18 26 26.4 +0.5 |
| W18A | Petrified Fore | 23.55 326 | ↑P | P | 18 26 27.1 +0.2 |
| U21A | Nageezi | 23.56 332 | ↑P | P | 18 26 27.8 +0.8 |
| S24A | Houchin Ranch | 23.59 337 | ↑P | P | 18 26 28.2 +0.9 |
| Y16A | Circle Bar Ran | 23.64 322 | ↑P | P | 18 26 27.9 +0.1 |
| V19A | Window Rock | 23.65 328 | ↑P | P | 18 26 28.4 +0.5 |
| T22A | Edith | 23.71 334 | ↑P | P | 18 26 29.2 +0.8 |
| 114A | Black Gap (USA | 23.76 318 | ↑P | P | 18 26 29.1 +0.1 |
| SDCO | Great Sand Dun | 23.79 337 | eP | P | 18 26 29.8 +0.7 |
| BLO | Bloomington | 23.88 15 | eP | Pmax | 18 26 29.2 -0.7 |
| BLO | Bloomington | 23.88 15 | eP | Pmax | 18 26 29.2 -0.7 |
| BLO | Bloomington | 23.88 15 | eP | Pmax | 18 26 29.2 -0.7 |
| U20A | Newcomb | 23.92 330 | ↑P | P | 18 26 30.5 +0.2 |
| S23A | Nye Farm, Mont | 23.94 336 | ↑P | P | 18 26 31.4 +0.9 |
| SDV | Santo Domingo | 23.95 305 | ↑P | P | 18 26 29.0 -1.8 |
| X16A | Lo Mia Camp, P | 23.99 323 | ↑P | P | 18 26 31.1 +0.1 |
| W17A | Winslow | 24.05 325 | ↑P | P | 18 26 32.2 +0.6 |
| R24A | Sanders Place, | 24.07 338 | ↑P | P | 18 26 32.3 +0.6 |
| W18A | Granado | 24.11 327 | ↑P | P | 18 26 32.7 +0.6 |
| U19A | Dine' Nation | 24.19 329 | ↑P | P | 18 26 32.5 -0.3 |
| Z14A | Wintersburg | 24.20 319 | ↑P | P | 18 26 33.4 +0.5 |
| Y15A | Casa Rosa Ranch | 24.20 321 | ↑P | P | 18 26 33.4 +0.5 |
| S22A | 4UR Ranch, Cre | 24.31 335 | ↑P | P | 18 26 34.4 +0.5 |
| 113A | Mohawk Valley, | 24.35 317 | ↑P | P | 18 26 34.7 +0.4 |
| Q25A | Bedland, Calha | 24.40 340 | ↑P | P | 18 26 34.8 +0.1 |
| V17A | Tonalea, Kykot | 24.50 326 | ↑P | P | 18 26 35.7 +0.1 |
| X15A | Humboldt | 24.51 322 | ↑P | P | 18 26 35.7 0.0 |
| T19A | Beclabito | 24.53 330 | ↑P | P | 18 26 35.9 0.0 |
| Z13A | Yuma Proving G | 24.55 317 | ↑P | P | 18 26 36.5 +0.5 |
| MVCO | Mesa Verde | 24.59 331 | ↑P | P | 18 26 36.7 +0.3 |
| MVCO | Mesa Verde | 24.59 331 | eP | P | 18 26 36.5 +0.1 |
| Y14A | Wickenburg | 24.61 320 | ↑P | P | 18 26 37.5 +0.9 |
| U18A | Rough Rock, Ch | 24.62 328 | ↑P | P | 18 26 36.4 -0.3 |
| S21A | Coal Bank Pass | 24.64 333 | ↑P | P | 18 26 37.2 +0.3 |
| R22A | Saguache, Gunn | 24.69 336 | ↑P | P | 18 26 37.9 +0.6 |
| WUAZ | Wupatki | 24.74 325 | eP | P | 18 26 38.2 +0.4 |
| WUAZ | Wupatki | 24.74 325 | eP | P | 18 26 38.4 +0.5 |
| X14A | Yava | 24.79 321 | ↑P | P | 18 26 39.7 +0.5 |
| P25A | Willow Gulch B | 24.92 341 | ↑P | P | 18 26 39.7 +0.3 |
| W15A | Williams | 25.01 323 | ↑P | P | 18 26 40.2 -0.1 |
| R21A | Cimarron | 25.13 334 | ↑P | P | 18 26 41.4 +0.1 |
| U17A | Shonto | 25.16 327 | ↑P | P | 18 26 41.6 -0.1 |
| T18A | Mexican Hat | 25.18 329 | ↑P | P | 18 26 42.0 +0.2 |
| GLA | Glamis | 25.23 316 | ↑P | P | 18 26 42.4 +0.1 |
| Q22A | Crested Butte, | 25.30 336 | ↑P | P | 18 26 43.0 +0.1 |
| S19A | Harvey Farm, M | 25.32 331 | ↑P | P | 18 26 43.1 +0.1 |
| R20A | Redvale | 25.34 333 | ↑P | P | 18 26 43.9 +0.7 |
| PV01 | Paradox Valley | 25.38 333 | eP | P | 18 26 44.9 +1.3 |
| V15A | Kaibab Nationa | 25.41 324 | ↑P | P | 18 26 44.1 +0.3 |
| W14A | Seligman | 25.51 322 | ↑P | P | 18 26 45.1 +0.3 |
| Q21A | Lamborn Mesa, | 25.54 335 | ↑P | P | 18 26 45.3 +0.3 |
| T17A | Navajo Res., N | 25.54 328 | ↑P | P | 18 26 45.2 +0.1 |
| SMCO | Snowmass | 25.60 336 | eP | P | 18 26 46.7 +1.2 |
| ISCO | Idaho Springs | 25.65 339 | eP | Pmax | 18 26 46.3 +0.3 |
| ISCO | Idaho Springs | 25.65 339 | eP | Pmax | 18 26 46.3 +0.3 |
| OGNE | Ogallala | 25.67 346 | eP | P | 18 26 47.2 +1.0 |
| S18A | Hurst Farm, BI | 25.68 330 | ↑P | P | 18 26 46.2 -0.1 |
| SCIA | State Center | 25.70 1 | eP | P | 18 26 45.6 -0.8 |
| PV04 | Paradox Valley | 25.74 332 | eP | P | 18 26 47.1 +0.3 |
| JSRW | J. Sargeant Re | 25.79 31 | eP | P | 18 26 47.2 -0.1 |
| R19A | Curley Farm, L | 25.82 332 | ↑P | P | 18 26 47.6 +0.1 |
| V14A | Boquillas Ran | 25.82 322 | ↑P | P | 18 26 47.7 +0.1 |
| U15A | North Rim | 25.91 325 | ↑P | P | 18 26 49.0 +0.6 |
| W13A | Hualapai Mount | 25.92 320 | ↑P | P | 18 26 48.5 0.0 |

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|------|----------------|-----------|----|------|-----------------|
| BC3 | Big Chuckkawa | 26.01 316 | ↑P | P | 18 26 49.4 0.0 |
| S17A | Black Ridge (B | 26.03 329 | ↑P | P | 18 26 49.6 +0.1 |
| IRM | Iron Mountain | 26.12 317 | ↑P | P | 18 26 50.1 -0.2 |
| R18A | Canyonlands Na | 26.18 331 | ↑P | P | 18 26 50.9 0.0 |
| Q19A | Hogan Spring I | 26.36 333 | ↑P | P | 18 26 52.5 0.0 |
| T15A | Red Dirt Ranch | 26.39 326 | ↑P | P | 18 26 52.8 +0.1 |
| U14A | Mt Trumbull | 26.41 324 | ↑P | P | 18 26 53.2 +0.3 |
| P20A | De Beque | 26.44 335 | ↑P | P | 18 26 53.2 +0.1 |
| V13A | Grand Canyon W | 26.49 322 | ↑P | P | 18 26 53.8 +0.2 |
| S16A | Wepner Ranch, | 26.50 328 | ↑P | P | 18 26 53.7 -0.1 |
| R17A | Hanksville Air | 26.60 330 | ↑P | P | 18 26 54.6 0.0 |
| P19A | Cripple Cowboy | 26.80 334 | ↑P | P | 18 26 56.8 +0.4 |
| T14A | Hurricane | 26.81 325 | ↑P | P | 18 26 57.1 +0.6 |
| N22A | Wattenberg Ran | 26.83 339 | ↑P | P | 18 26 57.2 +0.6 |
| GMRC | Granite Mounta | 26.83 318 | ↑P | P | 18 26 56.9 +0.2 |
| U13A | Pakoon Wash | 26.86 323 | ↑P | P | 18 26 57.0 0.0 |
| S15A | Panguitch | 26.87 327 | ↑P | P | 18 26 57.5 +0.5 |
| Q18A | Rafter H Ranch | 26.87 332 | ↑P | P | 18 26 57.0 0.0 |
| R16A | Teasdale | 26.87 329 | ↑P | P | 18 26 57.5 +0.4 |
| JFWS | Jewell Farm | 26.89 6 | eP | Pmax | 18 26 55.9 -1.2 |
| JFWS | Jewell Farm | 26.89 6 | eP | Pmax | 18 26 55.9 -1.2 |
| O20A | White River Ci | 26.92 335 | ↑P | P | 18 26 58.0 +0.6 |
| SRU | San Rafael | 27.06 331 | ↑P | P | 18 26 59.0 +0.3 |
| N21A | Black Mountain | 27.18 337 | ↑P | P | 18 27 00.3 +0.5 |
| U12A | Valley of Fire | 27.21 322 | ↑P | P | 18 27 00.0 +0.3 |
| Q16A | Castle Valley | 27.21 330 | ↑P | P | 18 27 00.0 -0.1 |
| CCUT | Cedar City | 27.32 325 | eP | P | 18 27 01.7 +0.6 |
| P18A | Preston Nutter | 27.35 332 | ↑P | P | 18 27 01.8 +0.5 |
| S14A | Cedar City | 27.36 326 | ↑P | P | 18 27 01.9 +0.4 |
| MSU | Marysvale | 27.40 328 | eP | P | 18 27 01.9 +0.1 |
| P17A | Butcher Ranch, | 27.45 331 | ↑P | P | 18 27 02.4 +0.2 |
| TMUT | Trail Mountain | 27.53 330 | eP | P | 18 27 03.4 +0.4 |
| ECSD | EROS Data Cent | 27.60 356 | eP | P | 18 27 02.4 -1.0 |
| S13A | Holt Ranch, En | 27.61 324 | ↑P | P | 18 27 04.0 +0.3 |
| ATAH | Atahualpa | 27.83 145 | P | P | 18 27 04.2 -1.7 |
| ATAH | Atahualpa | 27.83 145 | P | P | 18 27 04.2 -1.7 |
| M21A | Separation Pea | 27.86 338 | ↑P | P | 18 27 06.8 +0.9 |
| RWWY | Rawlins | 27.88 339 | eP | P | 18 27 06.6 +0.6 |
| L22A | Ellis Ranch, M | 27.92 340 | ↑P | P | 18 27 07.0 +0.6 |
| N19A | John Jarvie Ra | 27.94 335 | ↑P | P | 18 27 06.3 -0.2 |
| O17A | Robinson Place | 28.03 332 | ↑P | P | 18 27 07.8 +0.5 |
| R13A | O'Grain Ranch, | 28.10 325 | ↑P | P | 18 27 08.8 +0.7 |
| T11A | Corn Creek, AI | 28.16 322 | ↑P | P | 18 27 08.8 +0.3 |
| L21A | Rawlins | 28.18 339 | ↑P | P | 18 27 08.9 +0.2 |
| S12A | Delamar Landin | 28.19 323 | ↑P | P | 18 27 09.0 +0.2 |
| N18A | Larsen Ranch, | 28.21 334 | ↑P | P | 18 27 09.0 +0.1 |
| Q14A | Sevier Lake (B | 28.32 327 | ↑P | P | 18 27 10.5 +0.5 |
| DAU | Daniel Canyon | 28.44 332 | eP | P | 18 27 12.0 +1.0 |
| L20A | Wamsutter | 28.57 337 | ↑P | P | 18 27 12.2 +0.1 |
| P14A | Drum Mountains | 28.67 328 | ↑P | P | 18 27 13.6 +0.6 |
| Q13A | Wholer Ranch | 28.69 326 | ↑P | P | 18 27 13.8 +0.5 |
| S11A | Rachel | 28.74 322 | ↑P | P | 18 27 14.2 +0.5 |
| M18A | Lyman | 28.75 334 | ↑P | P | 18 27 14.0 +0.3 |
| DUG | Dugway | 29.00 329 | ↑P | P | 18 27 16.3 +0.3 |
| DUG | Dugway | 29.00 329 | eP | Pmax | 18 27 16.5 +0.5 |
| DUG | Dugway | 29.00 329 | eP | Pmax | 18 27 16.5 +0.5 |
| P13A | Bates Ranch, G | 29.05 327 | ↑P | P | 18 27 17.1 +0.6 |
| R11A | Troy Canyon, C | 29.12 324 | ↑P | P | 18 27 17.5 +0.4 |
| L18A | Fontenelle, Gr | 29.15 335 | ↑P | P | 18 27 17.3 -0.1 |
| Q12A | Willow Creek R | 29.19 325 | ↑P | P | 18 27 18.0 +0.3 |
| S10A | Tonopah Range, | 29.43 322 | ↑P | P | 18 27 19.8 0.0 |
| K19A | Abton Red Bu | 29.46 338 | ↑P | P | 18 27 19.4 -0.6 |
| Q11A | Duckwater | 29.51 324 | ↑P | P | 18 27 20.7 +0.2 |
| HWUT | Hardy Ranch | 29.54 333 | eP | P | 18 27 20.4 -0.4 |
| P12A | McGill | 29.54 326 | ↑P | P | 18 27 21.1 +0.3 |
| L17A | Cokeville | 29.64 334 | ↑P | P | 18 27 21.5 -0.1 |
| BGU | Big Grassy Mou | 29.67 330 | eP | P | 18 27 22.0 +0.1 |
| BW06 | Boulder Array | 29.68 337 | eP | P | 18 27 21.8 -0.1 |
| BW06 | Boulder Array | 29.68 337 | eP | P | 18 27 21.4 -0.6 |
| PDAR | Pinedale Array | 29.68 337 | eP | P | 18 27 21.6 -0.3 |
| N14A | Greaser Hill | 29.69 330 | ↑P | P | 18 27 22.4 +0.3 |
| PKM | Peak Mountain | 29.69 314 | ↑P | P | 18 27 21.7 -0.4 |
| SPUT | South Promont | 29.70 331 | eP | P | 18 27 22.1 -0.1 |
| K18A | Toltan Ranch, | 29.76 336 | ↑P | P | 18 27 22.8 +0.2 |
| L16A | Fish Haven | 29.81 333 | ↑P | P | 18 27 23.2 +0.1 |
| M15A | Larsen Ranch, | 29.82 332 | ↑P | P | 18 27 23.5 +0.3 |
| Q10A | Clear Creek Ra | 29.91 323 | ↑P | P | 18 27 24.7 +0.6 |
| O12A | Currie | 30.03 327 | ↑P | P | 18 27 25.4 +0.3 |
| N13A | Wendover, West | 30.19 329 | ↑P | P | 18 27 27.0 +0.5 |
| K17A | Ganther Place, | 30.20 335 | ↑P | P | 18 27 27.0 +0.4 |
| HVU | Hansel Valley | 30.22 332 | eP | Pmax | 18 27 27.3 +0.5 |
| HVU | Hansel Valley | 30.22 332 | eP | Pmax | 18 27 27.3 +0.5 |
| L15A | Malad City | 30.22 332 | ↑P | P | 18 27 27.2 +0.4 |
| J18A | Kendall Valley | 30.23 336 | ↑P | P | 18 27 26.9 +0.1 |

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|------|----------------|-----------|----|---|-----------------|
| M14A | Sheep Mountain | 30.27 330 | ↑P | P | 18 27 27.5 +0.3 |
| O11A | Cowboy Ranch, | 30.41 326 | ↑P | P | 18 27 28.9 +0.4 |
| P10A | Eureka | 30.50 325 | ↑P | P | 18 27 29.9 +0.6 |
| K16A | Soda Springs | 30.55 334 | ↑P | P | 18 27 30.1 +0.5 |
| M13A | Montello | 30.55 329 | ↑P | P | 18 27 30.1 +0.4 |
| I18A | Diamond G Ranc | 30.58 337 | ↑P | P | 18 27 30.3 +0.4 |
| N12A | Clover Valley, | 30.61 328 | ↑P | P | 18 27 30.4 +0.2 |
| L14A | Malta | 30.64 331 | ↑P | P | 18 27 30.8 +0.4 |
| REDW | Red Top Meadow | 30.69 336 | eP | P | 18 27 31.8 +0.9 |
| SNOW | Snow King Moun | 30.73 336 | eP | P | 18 27 32.4 +1.1 |
| NVAR | Mina Array Bea | 30.78 321 | eP | P | 18 27 31.3 -0.4 |
| LOHW | Long Hollow | 30.80 336 | eP | P | 18 27 32.4 +0.5 |
| K15A | Arbon | 30.83 333 | ↑P | P | 18 27 32.0 -0.1 |
| TPAW | Teton Pass | 30.83 336 | eP | P | 18 27 33.0 +0.9 |
| RR12 | Red Ridge | 30.86 335 | eP | P | 18 27 34.1 +1.7 |
| J16A | Boy | 30.92 335 | ↑P | P | 18 27 33.6 +0.7 |
| N11A | Elko Archery C | 30.95 327 | ↑P | P | 18 27 33.6 +0.4 |
| M12A | Wells | | | | |

Table with columns for station code, name, coordinates, and other details. Includes stations like Saint Saulge, Petit Puy Mans, MTLF, LOR, etc.

Table with columns for station code, name, coordinates, and other details. Includes stations like Spachingen-Ko, Stuttgart, LMR, FRF, CALN, etc.

Table with columns for station code, name, coordinates, and other details. Includes stations like GYA, WRA, ASAR, KMI, CMAR, SZGRF, etc.

3d 18h

Table with columns: ID, Name, Az, El, P, Az, El, P, Az, El, P. Contains station data for 3d and 18h observations.

2008 JUL

Table with columns: ID, Name, Az, El, P, Az, El, P, Az, El, P. Contains station data for 2008 JUL observations.

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Table with columns: ID, Name, Az, El, P, Az, El, P, Az, El, P. Contains station data for 124 observations.

ISCBJ 03 18:38:00.3z, 0.7, 38:12Nz, 0.03:21.56Ez, 0.03, h11km, 5km, Error ellipse: s-maj=5.5km s-min=4.5km az=163.3

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Contains detailed station data for ISCBJ 03.

ISK 03 18:50:26.9, 37:03N:29:22E, h11km, MD3.0 ISCBJ 03 18:50:27.0, 37:00N:0.04:29:23E:0.04, h6km, 6km, Error ellipse: s-maj=6.0km s-min=4.7km az=19.3

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Contains detailed station data for ISK 03 and ISCBJ 03.

2008 JUL

Table with 5 columns: Station Name, Az, Phase ID, Time, Res. Rows include BODT Bodrum, KULA Kula-Manisa, KULA Kula-Manisa.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BJI, IDC, MOS, NIED, NEIC, JMA, CHOI, JCN, KTR, etc.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BILL, CMAR, LSA, ZAAO, ZALV, MK31, MKAR, KURK, KURK, TKM2, etc.

Table with 5 columns: Station Name, Az, Phase ID, Time, Res. Rows include GLHS Gohisar, GOLH Gohisar, GOLH Gohisar, DNZL Cakirokul, etc.

NEIC 03 19:35:17.3, 35:07S:71.19W, h97km, MG4.2(GUC), After GUC. GUC 03 19:35:17.0, 4.35, 08S:71.19W, h99km, 2km, ML4.2, 10C-9D, Central Chile

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NICH Los Niches, NICH Los Niches, TALC Talca, etc.

THE 03 19:38:16.8, 38:01N:21.52E, h12km, 8km, ML2.4/3, Error ellipse: s-maj=8.4km s-min=0.5km az=353.0

ISCJB 03 19:38:17.1, 0.4, 38:06N:0.04:21.54E:0.03, h25km, 4km, Error ellipse: s-maj=7.2km s-min=4.4km az=170.8

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RLS Riolo of Patr, RLS Riolo of Patr, RLS Riolo of Patr, etc.

3d 20h

Table with columns: ITM, Ithomi, 0.94 160 ePn, Pn, 19 38 35.4 +0.7, etc.

IDC 03 19:40:42.9:56.0, 16.90S:178.29W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.8/16, mbtmp3.9/3, Error ellipse: s-maj=1024.0km s-min=160.7km az=78.0, Fiji Islands region

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

IDC 03 20:07:46.2:2.0, 7.56S:127.28E, h0km, mb3.6/1, mb1 3.9/3, mb1mx3.6/16, mbtmp3.7/3, ML3.8/2, Error ellipse: s-maj=216.0km s-min=31.1km az=63.0, Banda Sea

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

ISC 03 20:18:25.4, 37.02N:29.22E, h5km, MD3.1 IDC 03 20:18:25.7, 2.1, 36.89N:29.15E, h0km, mb3.6/1, mb1 3.4/4, mb1mx3.2/24, mbtmp3.4/4, ML3.2, MS2.8/1, Ms1 2.8/1, ms1mx1.9/36, Error ellipse: s-maj=35.5km s-min=25.5km az=157.0

NEIC 03 20:18:25.0, 37.02N:29.22E, h5km, MD3.1(ISC), After ISC

ISC/JB 03 20:18:26.0, 5.3, 36.95N:0.03:29.27E:0.03, h17km, 5km, Error ellipse: s-maj=5.0km s-min=3.9km az=18.5 DDA 03 20:18:26.2, 36.99N:29.19E, h21km, 2km, MD3.5 CSEM 03 20:18:26.3, 0.1, 36.98N:29.22E, h5km, MD3.1, Error ellipse: s-maj=3.6km s-min=2.7km az=7.0

ISC 03 20:18:26.5, 0.6, 36.96N:0.03:29.22E:0.03, h7km, 4km, n76, #981/98, Turkey

Large table listing station names and data for Turkey region, including stations like GLHS, TURN, ELL, etc.

2008 JUL

Table with columns: MMAI, 1.4nm, 0.3s, baz=307, slow=12, SNR=6.1, Sn, 20 21 14.5 -0.6, etc.

NEIC 03 20:18:30.1, 36.02N:27.03E, h16km, MD3.3(ATH), After ATH

ATH 03 20:18:30.1, 36.02N:27.03E, h16km, 1km, MD3.3/6 IS/CBJ 03 20:18:51.9, 1.9, 34.2N:0.2:25.16E:0.05, h25km, 6km, Error ellipse: s-maj=26.8km s-min=6.0km az=0.4

THE 03 20:18:52.1, 34.83N:25.16E, h11km, 1km, Error ellipse: s-maj=3.0km s-min=0.8km az=1.0 CSEM 03 20:18:52.1, 34.83N:25.16E, h11km, After THE

ISC 03 20:18:51.0, 2.1, 34.8N:0.1:25.16E:0.05, h16km, 11km, n19, #062/27, Crete

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

IDC 03 20:27:38.6:2.0, 10.55N:91.49E, h0km, mb3.6/4, mb1 3.6/5, mb1mx3.4/23, mbtmp3.4/5, ML3.2/1, Error ellipse: s-maj=69.4km s-min=23.1km az=64.0, Andaman Islands region

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

IDC 03 20:34:02.6:52.0, 19.31S:178.03W, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.7/16, mbtmp3.8/3, Error ellipse: s-maj=95.02km s-min=148.7km az=81.0, Fiji Islands region

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

IDC 03 20:40:18.2:3.7, 24.32S:176.67W, h0km, mb4.0/4, mb1 4.2/4, mb1mx3.8/18, mbtmp4.0/4, Error ellipse: s-maj=222.2km s-min=54.8km az=163.0, South of Fiji Islands

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

NEIC 03 20:48:54.9, 1.1, 23.62S:177.81W, h35km, mb4.3/3, Error ellipse: s-maj=45.1km s-min=25.6km az=168.0

IDC 03 20:48:50.0, 1.6, 23.67S:177.90W, h0km, mb4.3/6, mb1 4.4/6, mb1mx4.1/16, mbtmp4.3/6, MS2.7/1, Ms1 2.7/1, ms1mx2.3/20, Error ellipse: s-maj=53.6km s-min=37.0km az=171.0, South of Fiji Islands

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

Ms1 3.0/6, ms1mx2.6/35, Error ellipse: s-maj=21.4km s-min=14.0km az=93.0 NEIC 03 20:56:53.4, 0.4, 38.53N:13.70E, h10km, mb4.2/1, ML3.8(ROM), Error ellipse: s-maj=8.6km s-min=5.8km az=220.0 LDG 03 20:56:55.3, 0.2, 38.31N:13.63E, h20km, M3.1/4, Error ellipse: s-maj=5.1km s-min=3.6km az=46.0

Large table listing station names and data for Sicily region, including stations like USI, GIB, ACL, etc.

| | | | | | |
|-------|----------------|-----------|-----|----|-----------------|
| WDD | Wield Dalam | 2.63 165 | Pg | Pn | 20 57 36.3 +1.2 |
| MRLC | Muro Lucano | 2.73 30 | Pg | Pn | 20 57 37.2 +0.8 |
| MRLC | Muro Lucano | 2.73 30 | Pg | Pn | 20 57 37.2 +0.8 |
| SNAL | S. Angelo Dei | 2.77 25 | Pg | Pn | 20 57 38.2 +1.1 |
| SNAL | S. Angelo Dei | 2.77 25 | Pg | Pn | 20 57 38.2 +1.1 |
| CAFE | Carife | 2.88 24 | Pg | Pn | 20 57 39.7 +1.2 |
| CAFE | Carife | 2.88 24 | Pg | Pn | 20 57 39.7 +1.2 |
| SGG | Gregorio Mates | 3.02 10 | Pg | Pn | 20 57 41.8 +1.4 |
| SGG | Gregorio Mates | 3.02 10 | Pg | Pn | 20 57 41.8 +1.4 |
| MIGL | Miglionico | 3.06 44 | Pg | Pn | 20 57 42.1 +1.1 |
| MIGL | Miglionico | 3.06 44 | Pg | Pn | 20 57 42.1 +1.1 |
| SACR | S. Croce Del S | 3.08 15 | Pg | Pn | 20 57 42.7 +1.4 |
| SACR | S. Croce Del S | 3.08 15 | Pg | Pn | 20 57 42.7 +1.4 |
| GIUL | Giuliano Di Ro | 3.15 354 | Pg | Pn | 20 57 43.1 +0.8 |
| GIUL | Giuliano Di Ro | 3.15 354 | Pg | Pn | 20 57 43.1 +0.8 |
| BSSO | Busso | 3.21 13 | Pg | Pn | 20 57 44.7 +1.7 |
| BSSO | Busso | 3.21 13 | Pg | Pn | 20 57 44.7 +1.7 |
| LTRZ | Laterza | 3.27 47 | Pg | Pn | 20 57 44.4 +0.5 |
| LTRZ | Laterza | 3.27 47 | Pg | Pn | 20 57 44.4 +0.5 |
| MRVN | Milverino Murg | 3.28 36 | Pg | Pn | 20 57 44.1 +0.1 |
| MRVN | Milverino Murg | 3.28 36 | Pg | Pn | 20 57 44.1 +0.1 |
| SG1 | Spigore (BA) | 3.36 43 | eP | Pn | 20 57 45.3 +0.2 |
| AMUR | Altamura | 3.37 41 | iP | Pn | 20 57 45.4 +0.2 |
| AMUR | Altamura | 3.37 41 | iP | Pn | 20 57 45.4 +0.2 |
| YSL | Villasalto | 3.52 289 | ePn | Pn | 20 57 44.5 -2.8 |
| YSL | Villasalto | 3.52 289 | ePn | Pn | 20 57 44.5 -2.8 |
| YSL | Villasalto | 3.52 289 | ePn | Pn | 20 57 44.5 -2.8 |
| YSL | Villasalto | 3.52 289 | iP | Pn | 20 57 44.8 -2.5 |
| DGI | Dorgali Grotta | 3.68 302 | iP | Pn | 20 57 47.3 -2.2 |
| DGI | Dorgali Grotta | 3.68 302 | iP | Pn | 20 57 47.3 -2.2 |
| SGRT | San Giovanni R | 3.69 25 | Pg | Pn | 20 57 50.3 +0.6 |
| SGRT | San Giovanni R | 3.69 25 | Pg | Pn | 20 57 50.3 +0.6 |
| PE1 | Pezze di Greco | 3.75 49 | eP | Pn | 20 57 50.5 0.0 |
| KEST | Kesra | 4.37 234 | ePn | Pn | 20 58 01.0 +1.9 |
| KEST | Kesra | 4.37 234 | ePn | Pn | 20 58 01.0 +1.9 |
| KEST | Kesra | 4.37 234 | ePn | Pn | 20 58 00.7 +1.6 |
| KRUS | Krusveo | 6.53 61 | iPn | Pn | 20 58 29.5 +0.8 |
| SBF | Sospel | 7.19 321 | ePn | Pn | 20 58 57.1 -0.6 |
| SBF | Sospel | 7.19 321 | ePn | Pn | 20 58 57.1 -0.6 |
| LMR | La Mourre | 7.32 314 | ePn | Pn | 20 58 38.0 -1.5 |
| LMR | La Mourre | 7.32 314 | ePn | Pn | 20 58 38.0 -1.5 |
| LMR | La Mourre | 7.32 314 | ePn | Pn | 20 58 39.2 -1.3 |
| FRF | La For Royal | 7.39 316 | ePn | Pn | 20 58 39.2 -1.3 |
| FRF | La For Royal | 7.39 316 | ePn | Pn | 20 58 39.2 -1.3 |
| MBDF | Montbardon | 8.15 323 | ePn | Pn | 20 58 52.5 +1.6 |
| SMRF | Simiane la Rot | 8.25 315 | ePn | Pn | 20 58 51.2 -1.0 |
| SMRF | Simiane la Rot | 8.25 315 | ePn | Pn | 20 58 51.2 -1.0 |
| VTS | Vitohsa | 8.38 57 | iP | Pn | 20 58 58.8 +1.8 |
| ORIF | Oris-en-Rattie | 8.72 321 | ePn | Pn | 20 58 59.4 +0.6 |
| ORIF | Oris-en-Rattie | 8.72 321 | ePn | Pn | 20 58 59.4 +0.6 |
| LPG | La Plagne | 8.75 326 | ePn | Pn | 20 59 00.1 +1.0 |
| LPL | La Plagne | 8.77 326 | ePn | Pn | 20 58 59.9 +0.5 |
| LPL | La Plagne | 8.77 326 | ePn | Pn | 20 58 59.9 +0.5 |
| DAVOX | Davos/Dischmat | 8.81 343 | ePn | Pn | 20 58 58.8 -1.1 |
| DAVOX | Davos/Dischmat | 8.81 343 | ePn | Pn | 20 58 58.8 -1.1 |
| DAVOX | Davos/Dischmat | 8.81 343 | ePn | Pn | 20 58 58.8 -1.2 |
| LASF | Ste Croix | 9.30 311 | ePn | Pn | 20 59 05.4 -5.7 |
| LASF | Ste Croix | 9.30 311 | ePn | Pn | 20 59 05.3 +0.9 |
| BZS | Buzias | 9.31 377 | iP | Pn | 20 59 13.4 +6.6 |
| VWVF | Saint-Julien-l | 9.31 317 | ePn | Pn | 20 59 06.8 0.0 |
| VWVF | Saint-Julien-l | 9.31 317 | ePn | Pn | 20 59 06.8 0.0 |
| MTLF | Montlieu | 9.97 303 | ePn | Pn | 20 59 14.8 -1.0 |
| MTLF | Montlieu | 9.97 303 | ePn | Pn | 20 59 14.8 -1.0 |
| VOIR | Montlieu | 11.00 47 | iP | Pn | 20 59 33.6 +3.7 |
| VRAC | Vranov | 11.09 10 | LR | LR | 21 03 29.5 |
| VRAC | Vranov | 11.09 10 | LR | LR | 21 03 29.5 |
| LOR | Lormes | 11.40 324 | ePn | Pn | 20 59 35.2 -0.2 |
| LOR | Lormes | 11.40 324 | ePn | Pn | 20 59 35.2 -0.2 |
| MLR | Muntele Rosu | 11.55 48 | ePn | Pn | 20 59 37.6 +0.2 |
| MLR | Muntele Rosu | 11.55 48 | ePn | Pn | 20 59 37.6 +0.2 |
| MLR | Muntele Rosu | 11.55 48 | ePn | Pn | 20 59 38.1 +0.7 |
| BURAR | Bucovina Array | 12.47 39 | iP | Pn | 20 59 58.2 +9.1 |
| BRTR | Keskin Array B | 15.57 79 | Pn | Pn | 21 00 33.1 +1.1 |
| HFS | Hagfors | 21.74 0 | P | P | 21 01 43.9 +0.1 |
| HFS | Hagfors | 21.74 0 | P | P | 21 01 43.9 +0.1 |
| NB2 | NORSAR Subarra | 22.70 357 | P | P | 21 01 53.8 -0.2 |
| NB2 | NORSAR Subarra | 22.70 357 | P | P | 21 01 53.8 -0.2 |
| NOA | NORSAR Array B | 22.70 357 | P | P | 21 01 53.6 -0.3 |
| NOA | NORSAR Array B | 22.70 357 | P | P | 21 01 53.6 -0.3 |
| NOA | NORSAR Array B | 22.70 357 | P | P | 21 12 24.3 |
| FINES | FINES Array B | 23.70 357 | P | P | 21 02 09.9 +0.1 |
| TORD | Torodi Ar. Bea | 27.32 206 | P | P | 21 02 41.5 +4.0 |
| TORD | Torodi Ar. Bea | 27.32 206 | P | P | 21 02 41.5 +4.0 |
| TORD | Torodi Ar. Bea | 27.32 206 | P | P | 21 14 05.8 |
| DBIC | Dimbokro | 35.78 213 | LR | LR | 21 18 41.8 |
| KURK | Kurchatov | 46.44 53 | eP | P | 21 05 19.1 -0.1 |
| ZALV | Zalesovo Beam | 49.52 47 | P | P | 21 05 43.0 0.0 |
| ZALV | Zalesovo Beam | 49.52 47 | P | P | 21 05 43.0 0.0 |
| ZALV | Zalesovo Beam | 49.52 47 | P | P | 21 27 27.0 |
| MKAR | Makanchi Array | 49.73 57 | P | P | 21 05 44.8 +0.1 |
| MKAR | Makanchi Array | 49.73 57 | P | P | 21 05 44.8 +0.1 |
| SONM | Songio Array | 64.40 48 | P | P | 21 07 30.3 +1.8 |
| SADO | Sadowa | 65.99 29 | P | P | 21 07 42.0 +3.1 |
| SADO | Sadowa | 65.99 29 | P | P | 21 07 42.0 +3.1 |

| | | | | | | |
|-------|---|-----------|----------|----------|-----------------|-----------------|
| PPI | Padang Panjang | 3.67 112 | P | Pn | 21 09 59.0 -0.1 | |
| IPM | Iphoh | 5.33 49 | P | Pn | 21 10 22.7 +0.6 | |
| CMAR | Chiang Mai Arr | 17.51 6 | P | Pn | 21 13 07.3 +1.0 | |
| WRA | Warramunga Arr | 42.06 122 | P | P | 21 16 53.1 -0.5 | |
| ASAR | Alice Springs | 43.40 127 | P | P | 21 17 04.3 -0.1 | |
| MKAR | Makanchi Array | 47.44 346 | P | P | 21 17 36.5 +0.4 | |
| ZALV | Zalesovo Beam | 53.75 351 | P | P | 21 18 23.9 +0.2 | |
| ZALV | Zalesovo Beam | 53.75 351 | P | P | 21 18 23.9 +0.2 | |
| ISCJB | 03 21:17:19.5:0.5, 10:32N:0:03:62:29W:0:02, h21km, 5km, Error ellipse: s-maj=5.3km s-min=3.4km az=162.4 | | | | | |
| FUNV | 03 21:17:19.5, 10:32N:0:03:62:29W, h11km, MW3.2 | | | | | |
| TRN | 03 21:17:19.5, 10:32N:0:03:62:29W, h10km, MD3.4 | | | | | |
| NEIC | 03 21:17:20.1, 10:39N:62:23W, h12km, MD3.4 (TRN), After TRN. | | | | | |
| ISC | 03 21:17:19.3:0.5, 10:33N:0:03:62:29W:0:02, h15km, 4km, n23, e0579/45, 2C-40, Near coast of Venezuela | | | | | |
| Code | Station Name | Δ° AZ° | Phase ID | Time Res | ISC | |
| GUVI | Guiria | 0.32 | 11 | iP | Pg | 21 17 25.5 -0.3 |
| GUVI | Guiria | 0.32 | 11 | iP | Pg | 21 17 25.5 -0.3 |
| TCE | Chacachacare | 0.64 | 55 | iP | Pg | 21 17 31.3 -0.6 |
| TCE | Chacachacare | 0.64 | 55 | iP | Pg | 21 17 31.3 -0.6 |
| TCE | Chacachacare | 0.64 | 55 | iP | Pg | 21 17 39.8 -0.6 |
| TCE | Chacachacare | 0.64 | 55 | iP | Pg | 21 17 39.8 -0.6 |
| GUNV | Guanoeco | 0.67 | 256 | eP | Sb | 21 17 42.4 +1.2 |
| GUNV | Guanoeco | 0.67 | 256 | eP | Sb | 21 17 42.4 +1.2 |
| TPP | Pointe-a-Pierr | 0.82 | 91 | eP | Pg | 21 17 35.0 -0.3 |
| TPP | Pointe-a-Pierr | 0.82 | 91 | eP | Pg | 21 17 35.0 -0.3 |
| TPP | Pointe-a-Pierr | 0.82 | 91 | eP | Pg | 21 17 46.5 +0.4 |
| TPP | Pointe-a-Pierr | 0.82 | 91 | eP | Pg | 21 17 46.5 +0.4 |
| TRN | Trinidad (W) | 0.93 | 70 | eP | Sb | 21 17 36.2 -0.9 |
| TRN | Trinidad (W) | 0.93 | 70 | eP | Sb | 21 17 36.2 -0.9 |
| TRN | Trinidad (W) | 0.93 | 70 | eP | Sb | 21 17 48.6 -0.6 |
| TRN | Trinidad (W) | 0.93 | 70 | eP | Sb | 21 17 48.6 -0.6 |
| CRUV | Carupano | 0.99 | 290 | eP | Sb | 21 17 37.2 -1.1 |
| CRUV | Carupano | 0.99 | 290 | eP | Sb | 21 17 37.2 -1.1 |
| CRUV | Carupano | 0.99 | 290 | eP | Sb | 21 17 51.2 0.0 |
| CRUV | Carupano | 0.99 | 290 | eP | Sb | 21 17 51.2 0.0 |
| TBH | Brigand Hill | 1.21 | 83 | eP | Sb | 21 17 58.5 +1.1 |
| TBH | Brigand Hill | 1.21 | 83 | eP | Sb | 21 17 58.5 +1.1 |
| TBH | Brigand Hill | 1.21 | 83 | eP | Sb | 21 17 42.5 +0.8 |
| TBH | Brigand Hill | 1.21 | 83 | eP | Sb | 21 17 42.5 +0.8 |
| ITV | Isla Los Testi | 1.32 | 321 | iP | Pn | 21 17 49.2 -0.2 |
| ITV | Isla Los Testi | 1.32 | 321 | iP | Pn | 21 17 49.2 -0.2 |
| ORIV | Oritupano | 1.62 | 222 | iP | Pn | 21 17 39.2 +1.2 |
| ORIV | Oritupano | 1.62 | 222 | iP | Pn | 21 17 39.2 +1.2 |
| PRP | Prospect | 1.71 | 60 | eP | Sn | 21 18 10.7 +1.5 |
| PRP | Prospect | 1.71 | 60 | eP | Sn | 21 18 10.7 +1.5 |
| TPR | Prospect | 1.71 | 60 | eP | Sn | 21 17 49.9 +1.3 |
| TPR | Prospect | 1.71 | 60 | eP | Sn | 21 17 49.9 +1.3 |
| GRW | Mount Saint Ca | 1.92 | 19 | eP | Sn | 21 17 51.6 +0.1 |
| GRW | Mount Saint Ca | 1.92 | 19 | eP | Sn | 21 17 51.6 +0.1 |
| GRW | Mount Saint Ca | 1.92 | 19 | eP | Sn | 21 18 15.0 -0.4 |
| GRW | Mount Saint Ca | 1.92 | 19 | eP | Sn | 21 18 15.0 -0.4 |
| TOSP | Speyside | 1.97 | 61 | eP | Sn | 21 18 17.6 +0.9 |
| TOSP | Speyside | 1.97 | 61 | eP | Sn | 21 18 17.6 +0.9 |
| RIOV | Rio Grande | 2.29 | 168 | eP | Sn | 21 18 24.2 -0.2 |
| RIOV | Rio Grande | 2.29 | 168 | eP | Sn | 21 18 24.2 -0.2 |
| PCRV | Puerto La Cruz | 2.32 | 266 | eP | Sn | 21 17 57.3 +0.3 |
| PCRV | Puerto La Cruz | 2.32 | 266 | eP | Sn | 21 18 25.1 -0.1 |
| CAUV | El Guri | 2.67 | 197 | eP | Pn | 21 18 01.4 -0.4 |
| CAUV | El Guri | 2.67 | 197 | eP | Pn | 21 18 01.4 -0.4 |
| SRV | Caicara del Or | 4.98 | 234 | eP | Pn | 21 18 33.5 -0.1 |
| SRV | Caicara del Or | 4.98 | 234 | eP | Pn | 21 18 33.5 -0.1 |
| CAOV | Caicara del Or | 4.98 | 234 | eP | Pn | 21 19 28.1 -2.9 |
| BAUV | E1 Baul | 5.84 | 257 | eP | Sn | 21 18 45.1 -0.3 |
| BAUV | E1 Baul | 5.84 | 257 | eP | Sn | 21 18 45.1 -0.3 |
| ISCJB | 03 21:32:14.7:0.5, 24:07N:104:122:32E:0:02, h21km, 7km, Error ellipse: s-maj=6.2km s-min=3.2km az=169.0 | | | | | |
| JAP | 03 21:32:15.1, 24:09N:122:28E, h23km, 1km, ML2.7, C | | | | | |
| TMA | 03 21:32:17.5:0.3, 24:34N:122:39E, h43km | | | | | |
| ISC | 03 21:32:14.2:0.5, 24:06N:104:122:32E:0:02, h14km, 6km, n22, e0569/37, Taiwan region | | | | | |
| Code | Station Name | Δ° AZ° | Phase ID | Time Res | ISC | |
| ENA | Nanau | 0.64 | 305 | P | Pg | 21 32 26.9 +0.2 |
| ENA | Nanau | 0.64 | 305 | P | Pg | 21 32 26.9 +0.2 |
| ENA | Nanau | 0.64 | 305 | P | Pg | 21 32 35.9 +0.8 |
| ENA | Nanau | 0.64 | 305 | P | Pg | 21 32 35.9 +0.8 |
| TWD | Chiawan | 0.66 | 271 | eP | Pg | 21 32 27.0 -0.1 |
| TWD | Chiawan | 0.66 | 271 | eP | Pg | 21 32 27.0 -0.1 |
| TWC | Suao | 0.69 | 322 | P | Pg | 21 32 27.6 -0.1 |
| TWC | Suao | 0.69 | 322 | P | Pg | 21 32 27.6 -0.1 |
| TWC | Suao | 0.69 | 322 | P | Pg | 21 32 36.0 -0.1 |
| TWC | Suao | 0.69 | 322 | P | Pg | 21 32 36.0 -0.1 |
| YOJ | Yonaguni jima | 0.75 | 58 | P | P | 21 32 29.4 +0.7 |
| YOJ | Yonaguni jima | 0.75 | 58 | P | P | 21 32 37.8 -0.7 |
| YWE | Neichung | 0.88 | 318 | eP | Pb | 21 32 31.5 +0.2 |
| YWE | Neichung | 0.88 | 318 | eP | Pb | 21 32 31.5 +0.2 |
| TWE | Neichung | 0.88 | 318 | eP | Pb | 21 32 43.2 +0.3 |
| TWE | Neichung | 0.88 | 318 | eP | Pb | 21 32 43.2 +0.3 |
| ENTT | Nioudou | 0.89 | 310 | eP | Pb | 21 32 31.8 +0.4 |
| ENTT | Nioudou | 0.89 | 310 | eP | Pb | 21 32 31.8 +0.4 |
| ENTT | Nioudou | 0.89 | 310 | eP | Pb | 21 32 42.9 -0.3 |
| ENTT | Nioudou | 0.89 | 310 | eP | Pb | 21 32 42.9 -0.3 |
| NNS | Nan Shan | 0.94 | 294 | eP | Pb | 21 32 35.5 +0.3 |
| NNS | Nan Shan | 0.94 | 294 | eP | Pb | 21 32 35.5 +0.3 |
| WHF | Hehuan Shan | 0.97 | 275 | | | |

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like GNI, DGRG, BHD, CUKT, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like GUMT, GUMT, KNDC, AAA, etc.

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

4d 1h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LPAZ, MKAR, ZALV, KURK.

BUJ 04 00:44:48.1, 36:63N, 171:86E, h123km, mb4.6/1
ISCJB 04 00:44:51.2, 20.6, 37:36N, 105:71:59E, 0.07, h121km, 7km, mb3.6/4, Error ellipse: s-maj=10.3km s-min=6.0km az=33.1

Main station list table for the 4d 1h section, including stations like KBL, KSH, KZA, EKS2, etc.

ISCJB 04 01:01:04.0, 4.0, 37:92N, 0:02:21:46E, 0:03, h10km, Error ellipse: s-maj=3.5km s-min=2.8km az=38.8

NEIC 04 01:01:04.3, 37:91N, 21:47E, h17km, MD3.3(ATH), After ATH.

CSEM 04 01:01:04.2, 0.2, 37:92N, 21:46E, h15km, MD3.3, Error ellipse: s-maj=5.3km s-min=4.1km az=31.0

ATH 04 01:01:04.3, 37:91N, 21:47E, h17km, 2km, MD3.3/14 THE 04 01:01:04.6, 37:94N, 21:48E, h3km, 1km, ML2.6/6, Error ellipse: s-maj=1.5km s-min=0.5km az=250.0

ISC 04 01:01:05.0, 0.4, 37:92N, 0:02:21:48E, 0:03, h8km, 4km, n53, f1508/88, Southern Greece

Main station list table for the 4d 1h section, including stations like RLS, UPB, KFL, etc.

2008 JUL

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

CASC 04 01:16:12.9, 2.0, 10:36N, 86:39W, h26km, 8km, MD3.6, ML3.1, Off coast of Costa Rica

Main station list table for the 2008 JUL section, including stations like SSN, UNY14, CONN, etc.

ISCJB 04 01:18:54.5, 0.3, 12:44N, 0:04:87:73W, 0:04, h77km, 3km, mb4.5/67, Error ellipse: s-maj=8.0km s-min=2.9km az=43.7

IDD 04 01:18:54.5, 1.2, 12:58N, 87:56W, h61km, 10km, mb4.0/12, ms1 3.2/15, ms1mx4.0/24, mbtmp4.0/15, MS3.2/9, ms1 3.2/9, ms1mx3.1/25, Error ellipse: s-maj=24.1km s-min=9.0km az=53.0

BUJ 04 01:18:54.5, 12:50N, 87:60W, h83km, mb5.0/2, Ms5.0/3, CASC 04 01:18:55.4, 2.5, 12:45N, 87:74W, h57km, 29km, MD4.2, ML4.6, mb4.6(NEIC)

NEIC 04 01:18:56.5, 0.7, 12:47N, 87:64W, h83km, 6km, mb4.6/59, Error ellipse: s-maj=9.0km s-min=4.6km az=53.0

ISC 04 01:18:55.7, 0.3, 12:46N, 0:04:87:71W, 0:04, h68km, 3km, n264, 0877/257, mb4.5/67, 57C-53D, Near coast of Nicaragua

Main station list table for the 2008 JUL section, including stations like CRIN, CNCH, CUM, etc.

136

Main station list table for the 136 section, including stations like JCR, APG, CGA2, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ANMO Albuquerque, ANMO Point of Rocks, 218A Dragon, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AGMN Agassiz Nantux, AHID Auburn Hatcher, HUU Hansel Valley, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JKB Kayabe, JKB JKB, JOT Ohta, etc.

Table with columns: LKR, LKR, LKR, LKR, LKR, DID, DID, DID, DID, DID, NAIG, NAIG, NAIG, THL, THL, THL, ATH, ATH, JAN, JAN, VLI, VLI, VLI, VLY, VLY, AOS, AOS, AOS, KEK, KEK, KEK, KEK, SRN, SRN, KZN, KZN, KZN, KZN, KZN, KZN, KZN, NEST, NEST, PAIG, PAIG, KBN, KBN, FNA, FNA, FNA, PLG, PLG, PLG, OUR, OUR, OUR, BIA, BIA, SOH, SOH, SOH, SOH, KARN, KARN, KRUS, KRUS, VAY, VAY, LIA, LIA, BCI, BCI, VTS, VTS, STON, STON, WDD, WDD, DIVS, DIVS, NVLJ, NVLJ, NVLJ, NVLJ.

Table with columns: PNIG, PNIG, MMIG, TPIG, TPIC, VHO, VHO, VHO, CMIG, CMIG, CMIG, CMIG, CMIG, CMIG, APG, TXAR, TXAR, 526A, 428A, 426A, 427A, 326A, 325A, 324A, MNTX, 226A, 225A, 224A, 224A, 319A, 220A, 224A, 121A, 318A, 219A, 120A, 222A, 218A, 221A, Y23A, WMOK, 119A, Z20A, AMTX, 118A, TUC, LPM, 117A, X23A, Y20A, W25A, X21A, ANMO, ANMO, Y19A, Y26A, X20A, X19A, Y17A, W20A, X18A, U26A, Y16A, W19A, U23A, Y20A, T25A, U21A, X15A, W18A, W16A, U19A, V17A, S25A, T21A, WUAZ, WUAZ, S24A, Y12C, U18A, SDCO, T19A, MVCO, S22A, W14A, V15A, U17A.

Table with columns: S21A, MONP, T18A, IRM, W13A, V14A, R20A, R22A, T17A, S19A, U15A, W17, R21A, R20A, S18A, V13A, Q21A, P23A, U13A, R18A, ISCO, Q19A, P21A, T13A, R16A, P20A, SHOC, P19A, SRU, Q16A, TKL, TKL, Q20A, P18A, T11A, TMUT, FURC, O19A, N21A, MPMC, Q14A, N20A, O17A, LHS, N19A, P14A, R11A, M21A, RWWY, S10A, L22A, DUG, DUG, SCIA, Q11A, L19A, N14A, HWUT, M15A, NVAR, NVAR, ECSD, BW06, BW06, PDAR, M14A, L15A, M13A, J18A, M12A, TPWA, LHOH, J15A, L11A, H11A, D17A, G11A, D16A, C17A, E12A, D13A, ULM, YKA, MDJ, MDJ.

IDC 04 02:15:21.2, 18.11N:100.43W, h29km, mb5.4/2, mb5.3/1, mb1 3.9/4, mb1mx3.6/18, mbtmp3.7/4, ML3.6/3, Error ellipse: s-maj=112.4km s-min=27.5km az=64.0, Timor region

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC
FITZ Fitzroy Crossi 8.92 172 Pn Op 02 17 31.1 -0.3
FITZ 0.6nm,0.3s,baz=359,slow=9.5,SNR=42
WRA Warramunga Arr 14.35 139 Pn Pn 02 18 44.1 -1.6
ASAR Alice Springs 17.00 149 Pn Pn 02 19 22.2 +1.7
ASAR 0.2nm,0.3s,baz=318,slow=12,SNR=16
MKAR Makanchi Array 67.20 330 P P 02 26 17.2 +0.1

BUJ 04 02:15:47.2, 18.11N:100.43W, h29km, mb5.4/2, mb5.3/1, Ms4.5/1, Ms7.4/2
MEX 04 02:15:55.2, 0.5, 18.04N:100.75W, h56km, 17km, MD4.2
ISCJB 04 02:15:56.1, 0.5, 17.97N:0.05:10.46W, 0.04, h91km, 5km, mb3.8/17, Error ellipse: s-maj=8.7km s-min=5.6km az=31.9
NEIC 04 02:15:56.2, 18.04N:100.68W, h52km, mb3.9/17, MD4.3(MEX), After MEX.
IDC 04 02:16:06.2, 3.7, 18.78N:99.69W, h154km, 41km, mb3.5/4, mb1 3.6/8, mb1mx3.4/22, mbtmp3.3/8, MS3.0/2, Ms1 3.0/2, ms1mx2.6/20, Error ellipse: s-maj=69.7km s-min=26.6km az=39.0
ISC 04 02:15:58.3, 0.6, 18.12N:0.05:10.47W, 0.05, h88km, 5km, n181, 0.09N/196, mb3.8/17, 59C67D, Guerrero

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC
WUAZ Wupatki 19.88 333 Pn Op 02 20 23.3 -1.7
WUAZ 0.6nm,0.3s,SNR=15
S24A Houchin Ranch, 19.91 349 Pn Pn 02 20 23.4 -1.9
Y12C Blythe 20.06 324 Pn Pn 02 20 24.5 0.0
U18A Rough Rock, Ch 20.06 337 Pn Pn 02 20 24.9 +0.4
SDCO Great Sand Dun 20.06 348 eP P 02 20 24.2 -0.3
T19A Beclabito 20.13 340 P P 02 20 25.4 +0.2
MVCO Mesa Verde 20.31 341 eP P 02 20 27.8 -0.5
S22A 4UP Ranch, Cre 20.36 345 Pn Pn 02 20 28.4 +0.7
W14A Seligman 20.42 329 Pn Pn 02 20 28.8 +0.4
V15A Kaibab National 20.49 332 Pn P 02 20 29.7 +0.5
U17A Shonto 20.52 336 Pn P 02 20 30.0 +0.5

S21A Coal Bank Pass 20.53 343 P P 02 20 29.5 0.0
MONP Monument Peak 20.59 319 P P 02 20 29.6 -0.6
T18A Mexican Hat 20.70 338 P P 02 20 31.0 -0.4
IRM Iron Mountain 20.71 323 P P 02 20 31.3 -0.2
W13A Hualapai Mount 20.74 327 P P 02 20 31.9 +0.1
V14A Boquillas Ranch 20.77 330 P P 02 20 32.5 +0.3
R20A Saache, Gunn 20.80 346 P P 02 20 32.9 +0.5
R22A Disappointment 20.84 342 P P 02 20 33.1 +0.2
T17A Navajo Res., N 20.92 336 P P 02 20 33.4 -0.3
S19A Harvey Farm, M 21.00 340 P P 02 20 34.1 -0.5
U15A North Rim 21.05 332 P P 02 20 35.5 +0.4
W17 Waverly 21.11 29 eP P 02 20 36.2 +0.5
R21A Cimarron 21.12 344 P P 02 20 36.6 +0.7
R20A Redvale 21.18 342 P P 02 20 36.6 0.0
S18A Hurst Farm, Bl 21.24 339 P P 02 20 37.4 +0.3
V13A Grand Canyon W 21.38 328 P P 02 20 39.3 +0.6
Q21A Lamborn Mesa, 21.57 345 P P 02 20 41.5 +0.8
P23A Jefferson 21.70 349 P P 02 20 42.8 +0.7
U13A Pakoon Wash 21.81 329 P P 02 20 43.1 -0.2
R18A Canyonlands Na 21.83 340 P P 02 20 42.8 -0.7
ISCO Idaho Springs 22.08 349 eP P 02 20 45.6 -0.4
Q19A Hogan Spring (22.15 341 P P 02 20 46.4 -0.5
P21A Newcastle 22.19 345 P P 02 20 47.5 +0.2
T13A Saint George 22.27 330 P P 02 20 47.7 -0.5
R16A Tazale 22.31 337 P P 02 20 48.5 0.0
P20A De Beque 22.41 344 P P 02 20 49.5 0.0
SHOC Sycamore 22.62 325 P P 02 20 50.4 -1.4
P19A Cripple Cowboy 22.70 343 P P 02 20 52.0 -0.6
SRU San Rafael 22.70 339 P P 02 20 52.1 -0.5
Q16A Castle Valley 22.75 338 P P 02 20 53.1 -0.1
TKL Tuckaleechee C 22.86 37 P P 02 20 53.7 -0.6
TKL Tuckaleechee C 22.86 37 P P 02 20 53.7 -0.6
Q20A White River Ci 22.97 344 P P 02 20 55.3 0.0
P18A Preston Nutter 23.07 340 P P 02 20 56.2 -0.1
T11A Corn Creek, Al 23.08 329 P P 02 20 56.0 -0.4
TMUT Trail Mountain 23.10 338 eP P 02 20 56.2 -0.4
FURC Furnace Creek, 23.35 325 P P 02 20 58.6 -0.3
O19A Miners Draw (B 23.36 343 P P 02 20 59.4 +0.5
N21A Black Mountain 23.39 346 P P 02 20 59.8 +0.6
MPMC Manual Prospec 23.41 323 P P 02 20 59.0 -0.4
Q14A Spout Lake (B 23.62 334 P P 02 21 01.7 +0.3
N20A Sence Gulch, 23.63 345 P P 02 21 01.8 +0.4
O17A Robinson Place 23.75 340 P P 02 21 02.3 -0.1
LHS Liberty Hill 23.89 43 eP P 02 21 02.1 -1.7
N19A John Jarvie R 23.93 343 P P 02 21 04.2 +0.1
P14A Drum Mountains 24.05 335 P P 02 21 05.8 +0.5
R11A Troy Canyon, C 24.13 330 P P 02 21 06.2 +0.2
M21A Separation Pea 24.16 347 P P 02 21 06.8 +0.6
RWWY Rawlins 24.21 347 eP P 02 21 07.2 +0.5
S10A Tonopah Range, 24.30 328 P P 02 21 07.9 +0.4
L22A Ellis Ranch, M 24.39 349 P P 02 21 08.8 +0.6
DUG Gudway 24.48 337 P P 02 21 08.8 -0.3
DUG Dugway 24.48 337 eP P 02 21 08.3 -0.8
SCIA State Center 24.50 13 eP P 02 21 10.0 -0.8
Q11A Duckwater 24.56 330 P P 02 21 10.6 +0.8
L19A Farson 25.10 344 P P 02 21 15.3 +0.5
N14A Grayback Hills 25.19 337 P P 02 21 15.7 +0.2
HWUT Hardware Ranch 25.29 340 eP P 02 21 17.4 +0.9
M15A Larsen Ranch, 25.46 339 P P 02 21 18.1 +0.1
NVAR Inlay Array Bea 25.57 326 P P 02 21 18.9 -0.1
NVAR Minn Array Bea 25.57 326 P P 02 21 18.9 -0.1
ECSD EROS Data Cent 25.74 6 eP P 02 21 19.3 -1.2
BW06 Boulder Array 25.78 344 P P 02 21 21.0 +0.2
BW06 Boulder Array 25.78 344 eP P 02 21 20.6 -0.2
PDAR Piedale Array 25.78 344 P P 02 21 19.8 -1.1
M14A Sheep Mountain 25.82 337 P P 02 21 20.5 -0.7
L15A Malad City 25.92 339 P P 02 21 22.2 0.0
M13A Montello 26.00 336 P P 02 21 22.6 -0.3
J18A Kendall Valley 26.31 344 P P 02 21 25.2 -0.5
M12A Wells 26.35 335 P P 02 21 25.3 +0.7
TPWA Teton Pass 26.82 343 eP P 02 21 33.4 +3.1
LHOH Low Hollow 26.84 343 eP P 02 21 30.4 -0.1
J15A Blackfoot 27.18 341 P P 02 21 33.3 -0.2
L11A Cat Creek Ranc 27.32 335 P P 02 21 34.6 -0.2
HLID Halley 28.00 338 eP P 02 21 40.3 -0.4
H11A Donnelly 29.56 337 P P 02 21 54.2 -0.4
D17A Six Diamond Ra 30.17 346 P P 02 21 59.6 -0.4
G11A Walters Elk Ra 30.25 338 P P 02 22 00.0 -0.7
D16A Dana Ranch, Ca 30.26 345 P P 02 22 00.8 0.0
C17A Wharram Farm, 30.64 346 P P 02 22 04.0 -0.1
E12A Beaver Dam Sad 30.89 339 P P 02 22 05.3 -1.0
D13A Huson 31.13 341 P P 02 22 07.5 -0.9
ULM Lac du Bonnet 32.32 5 P P 02 22 13.2 -5.2
YKA Yellowknife Ar 45.43 351 P P 02 24 04.6 -3.4
MDJ Mudjangan 102.73 326 P P 02 29 44.1 -1.6

2008 JUL

Table with columns: Station, Frequency, Power, Class, and other details. Includes stations like Panska Ves, Newport, Kislodovsk, etc.

Table with columns: Station, Frequency, Power, Class, and other details. Includes stations like Vyhne, Oni, Swan Lake, etc.

Table with columns: Station, Frequency, Power, Class, and other details. Includes stations like Muntele Rosu, Linhart Farms, Guiyang, etc.

Table with columns: QID, 4d, 4h, Willow Creek R, Duckwater, P15A, N22A, QIZ, QIZ, QIZ, QIZ, QIZ, Q13A, Q20A, Q14A, R10A, O21A, EPF, EPF, EPF, EPF, P17A, R11A, TMUT, Q15A, SJPF, SJPF, SJPF, O22A, P19A, S10A, SAO, SAO, SAO, ETSF, R12A, OGNB, MTUM, EBIE, SRU, SRU, SRU, JFWS, JFWS, JFWS, Q16A, P20A, Q18A, CSOR, R13A, FRNY, MSU, P21A, S11A, P22A, LONY, ISCO, ISCO, Q19A, R15A, S12A, SCIA, GRAC, R16A, Q20A, R17A, ARUT, ARUT, SMCO, P23A, S14A, R13A, RCTC, T11A, R18A, Q21A, P25A, CCUT, CWC, LBNH, LBNH, Q22A, Q15A, NCB, R19A

Table with columns: MDV, CHTO, CHTO, EPOB, S16A, FURC, Q24A, T13A, R21A, U10A, R20A, PV01, S17A, MPMC, T14A, CMAR, CMAR, Q25A, S18A, ISA, ISA, ISA, ISA, R22A, ACCN, S20A, U12A, SHOC, U13A, LRMC, R24A, S21A, T17A, PKM, MMAI, U14A, T18A, S22A, V11A, ETOR, ETOR, U15A, MVCO, MVCO, GSC, GSC, GSC, GSC, V12A, SDCO, U17A, V13A, CBKS, CBKS, EDW2, HDIL, ASF, ASF, S24A, MVO, T19A, BINY, GUD, GUD, S25A, T21A, KSU1, W12A, U18A, T22A, V14A, V15A, HEC, T23A, U19A, MWC, MWC, U20A, GMRC, BFSC

Table with columns: W13A, T25A, U21A, W14A, WUAZ, WUAZ, V17A, MTE, U22A, V18A, W15A, ESCD, ESCD, ESLA, U23A, V20A, W16A, ACSO, U24A, IRM, V21A, V22A, W17A, PDMCI, U25A, PCBK, SSPA, X14A, U26A, PFO, W18A, X15A, W19A, V23A, BC3, BLO, BLO, BLO, W20A, Y12C, EVIA, EVIA, EVIA, V24A, V25A, Y13A, OLIL, W21A, Y14A, X18A, X17A, V26A, MONP, W23A, X19A, SWSC, FVM, FVM, FVM, W24A, X20A, Y16A, PESTR, GLA, GLA, GLA, DVTC, W25A, Z14A, Z13A, X21A, EADA, CART, KEST, KEST, KEST, EHUE, EHUE, EHUE, Y17A, X22A, WCI, EVO, EVO, EQES

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, SNR, and other technical details. Includes stations like Y19A Nutrisio, Y18A Canyon Day Jun, LAZ Ladron, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, SNR, and other technical details. Includes stations like 427A Hayter Ranch, 426A McDonald Obser, 428A Kincaid Ranch, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, SNR, and other technical details. Includes stations like LZH comp=Z,710nm,9.4s, XAN Xi'an, XAN Makanchi Array, etc.

DDA 04 05:10:16.2, 37.12N:29.14E, h7km, 5km, MD2.8
ISCJB 04 05:10:17.8:0.5, 37.16N:0.04:29.25E:0.04, h10km, Error
ellip: s-maj=8.8km s-min=4.3km az=13.2
CSEM 04 05:10:17.6:0.3, 37.16N:29.25E, h2km, MD2.7, Error
ellip: s-maj=9.0km s-min=6.2km az=12.0
ISK 04 05:10:17.5, 37.12N:29.29E, h2km, MD2.7
ISC 04 05:10:17.8:0.6, 37.14N:0.04:29.22E:0.04, h3km, 9km,
n20, r11/30, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, SNR, and other technical details. Includes stations like GLHS Gilhisar (BURDU), GLHS Gilhisar (BURDU), etc.

ISCJB 04 05:15:29.8:0.5, 50.01N:0.03:18.44E:0.03, h0km, Error
ellip: s-maj=5.1km s-min=2.7km az=8.6
IPEC 04 05:15:30.3:0.2, 50.09N:0.54E: h3km, 2km, ML1.7/3,
Error ellip: s-maj=2.1km s-min=1.1km az=161.0
CSEM 04 05:15:30.2:0.3, 50.14N:18.44E, h1km, ML2.5/6, Error
ellip: s-maj=8.0km s-min=3.7km az=1.0
PRU 04 05:15:31.7, 50.09N:18.41E, h0km
WAR 04 05:15:31.7, 50.06N:18.45E
ISC 04 05:15:31.0:0.5, 50.08N:0.04:18.44E:0.03, h0km, n27,
r125/45, Poland

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, SNR, and other technical details. Includes stations like RAC Raciborz, RAC Raciborz, OKC Ostrava-Krasne, etc.

ISCJB 04 05:36:02.3:0.7, 36.97N:0.03:29.19E:0.03, h7km, 5km,
Error ellip: s-maj=5.1km s-min=4.1km az=171.3
DDA 04 05:36:02.2, 36.97N:29.14E, h7km, 9km, MD3.1
ISK 04 05:36:02.6, 37.08N:29.25E, h9km, MD3.2
CSEM 04 05:36:02.7, 0.2, 37.00N:29.21E, h8km, MD3.2, Error
ellip: s-maj=4.0km s-min=2.7km az=1.0
ISC 04 05:36:02.8:0.5, 36.98N:0.03:29.20E:0.03, h8km, 4km,
n55, r074/73, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, SNR, and other technical details. Includes stations like KRUC Kraspe, KRUC Kraspe, KRUC Kraspe, etc.

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

CSEM 04 05:53:46.9 0.1, 38.08N, 21.56E, h20km, MD3.0, Error ellipse: s-maj=4.0km s-min=2.6km az=12.0

ISCJB 04 05:53:47.4 0.4, 38.09N, 21.57E, h16km, MD3.0, Error ellipse: s-maj=6.1km s-min=3.8km az=1.7

NEIC 04 05:53:47.2, 38.12N, 21.54E, h20km, MD3.0(ATH), After ATH

ATH 04 05:53:47.2, 38.12N, 21.54E, h20km, MD3.0/9 THE 04 05:53:47.0, 38.06N, 21.58E, h16km, MD2.6/5, Error ellipse: s-maj=1.3km s-min=0.5km az=3.0

ISC 04 05:53:47.0, 38.09N, 21.57E, h20km, MD3.0, n39, o890/6.5, Greece

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

MOS 04 06:02:46.7 0.9, 1.32S, 77.59W, h174km, mb5.0/52, Error ellipse: s-maj=12.3km s-min=5.3km az=111.9

IGQ 04 06:02:46.3, 1.48S, 77.84W, h211km, mb4.8, Ms4.7, Error ellipse: s-maj=2.7km s-min=1.5km az=10.3

ISCJB 04 06:02:47.9 0.2, 1.48S, 0.03:77.61W, 0.03, h190km, mb4.9/173, Error ellipse: s-maj=4.3km s-min=3.4km az=153.5

IDC 04 06:02:48.9 0.6, 1.43S, 77.67W, h183km, mb4.4/16, mb1 4.5/22, mb1mx4.4/26, mbmp4.4/22, MS3.9/8, Ms1 3.9/8, ms1mx3.5/29, Error ellipse: s-maj=14.2km s-min=6.9km az=71.0

NEIC 04 06:02:49.5 0.2, 1.42S, 77.58W, mb4.9/158, MD4.7(IGQ), Error ellipse: s-maj=5.3km s-min=3.5km az=58.0

NEIC 04 06:02:49.5 0.2, 1.49S, 0.03:77.59W, 0.03, h192km, n92km, 1.9km, nP, n831, o677/783, mb4.8/173, 221C-254D, Ecuador

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

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

| | | | | | |
|------|----------------|-----------|----|----|-----------------|
| SSPA | Standing Stone | 41.92 360 | eP | P | 06 10 21.0 -0.4 |
| SSPA | Guadalupe Moun | 42.01 325 | eP | pP | 06 11 02.8 +0.1 |
| GD2L | Moseley Ranch | 42.12 323 | eP | P | 06 10 23.0 +0.6 |
| 324A | Clayton Basin | 42.15 326 | eP | P | 06 10 23.0 +0.2 |
| 126A | Deer Hill Car | 42.21 325 | eP | P | 06 10 24.6 +0.6 |
| 225A | Tatum | 42.22 324 | eP | P | 06 10 23.6 -0.4 |
| Z27A | Cornudas Mount | 42.24 324 | eP | P | 06 10 23.8 -0.4 |
| 124A | Cap Rock | 42.35 326 | eP | P | 06 10 25.7 +0.6 |
| CPRX | Muleshoe | 42.48 328 | eP | pP | 06 11 07.3 +0.9 |
| CPRX | Gardner Draw | 42.52 325 | eP | pP | 06 12 14.5 -0.4 |
| 125A | Deer Hill Car | 42.59 324 | eP | P | 06 10 27.0 +0.5 |
| 224A | Cornudas Mount | 42.60 327 | eP | P | 06 10 27.0 -0.1 |
| Z26A | Caprock | 42.62 328 | eP | P | 06 10 27.1 +0.3 |
| Y27A | Causeway Mesa | 42.62 328 | eP | P | 06 10 27.1 -0.2 |
| AMTX | Amarillo | 42.64 330 | eP | P | 06 10 27.2 -0.2 |
| 124A | Stringfield Ra | 43.01 325 | eP | P | 06 10 31.1 +0.7 |
| Z25A | Roswell | 43.01 326 | eP | P | 06 10 30.8 +0.4 |
| X27A | F and S Farms | 43.17 329 | eP | P | 06 10 31.8 +0.1 |
| HDIL | Hopedale | 43.18 347 | eP | P | 06 10 29.1 -2.6 |
| HDIL | Sheeppen Canyo | 43.41 325 | eP | pP | 06 11 09.3 -3.8 |
| Z24A | Welliams Famil | 43.46 323 | eP | pP | 06 12 17.7 +0.2 |
| 123A | Welliams Famil | 43.46 323 | eP | P | 06 10 34.3 +0.7 |
| X26A | CR and Fran | 43.48 328 | eP | P | 06 10 34.6 +0.8 |
| Y25A | Mesa, Roswell | 43.48 327 | eP | P | 06 10 34.2 +0.1 |
| W27A | Bow Ranch, En | 43.48 329 | eP | P | 06 10 34.3 +0.2 |
| BINY | Binghamton | 43.51 2 | eP | P | 06 10 34.4 +0.2 |
| BINY | Williams Famil | 43.56 323 | eP | pP | 06 11 15.8 0.0 |
| Z22A | Rita Site, Whi | 43.86 325 | eP | pP | 06 10 34.7 +0.6 |
| Z23A | Owens Ranch, T | 43.86 329 | eP | P | 06 10 34.7 +0.7 |
| W26A | Capitan | 43.89 326 | eP | P | 06 10 37.6 +0.2 |
| Y24A | Capitan | 43.89 326 | eP | P | 06 10 37.6 +0.2 |
| 221A | Mesquite Ranch | 43.90 322 | eP | P | 06 10 37.4 +0.2 |
| 122A | Conniff Cattle | 43.91 323 | eP | P | 06 10 38.7 +1.2 |
| X25A | Clemmons Ranch | 43.91 327 | eP | P | 06 10 38.6 +1.0 |
| 320A | Kipp Ranch, An | 43.92 321 | eP | P | 06 10 37.7 +0.1 |
| KSU1 | Kansas State U | 44.01 339 | eP | P | 06 10 38.5 +0.9 |
| Y23A | Lovelace Mesa | 44.24 325 | eP | P | 06 10 36.8 -1.5 |
| 121A | Cookes Peak, D | 44.27 323 | eP | P | 06 10 40.7 +0.4 |
| Z22A | Elephant Butte | 44.28 324 | eP | P | 06 10 41.5 +1.1 |
| 220A | Playas Peak, P | 44.30 321 | eP | P | 06 10 41.3 +0.7 |
| W25A | X Bar L Ranch | 44.33 328 | eP | P | 06 10 41.4 +0.7 |
| X24A | Lazy VL Ranch | 44.36 327 | eP | P | 06 10 41.1 +0.2 |
| Y26A | Tequesquite Ra | 44.42 329 | eP | P | 06 10 41.4 +0.2 |
| 318A | Douglas | 44.42 320 | eP | P | 06 10 42.0 +0.4 |
| BNN | Barren Site | 44.73 325 | eP | P | 06 10 42.4 +0.7 |
| BNN | St. Cloud Mine | 44.74 323 | eP | pP | 06 10 44.3 +0.3 |
| Z21A | Socorro | 44.77 325 | eP | pP | 06 12 23.8 +0.8 |
| X23A | Hourglass Bar | 44.79 326 | eP | P | 06 10 45.1 +0.9 |
| 120A | U Bar Ranch, L | 44.80 322 | eP | P | 06 10 44.9 +0.5 |
| 219A | White Tail Can | 44.82 321 | eP | P | 06 10 45.0 +0.4 |
| W24A | Lazy F Ranch | 44.83 327 | eP | P | 06 10 45.3 +0.7 |
| Y22D | IRIS PASSCAL I | 44.84 325 | eP | P | 06 10 45.4 +0.6 |
| U26A | Atchley Ranch | 44.86 330 | eP | P | 06 10 45.4 +0.6 |
| V25A | Rancho No Teng | 44.88 328 | eP | P | 06 10 45.5 +0.4 |
| 318A | Bisbee | 44.92 320 | eP | P | 06 10 45.8 +0.6 |
| LENM | Lemitar | 44.94 325 | eP | P | 06 10 46.2 +0.6 |
| CBKS | Cedar Bluff | 44.99 335 | eP | pP | 06 10 46.0 +0.2 |
| CBKS | Cedar Bluff | 44.99 335 | eP | pP | 06 10 45.9 -0.1 |
| CBKS | Cedar Bluff | 44.99 335 | eP | pP | 06 10 26.0 -1.8 |
| CBKS | Cedar Bluff | 44.99 335 | eP | pP | 06 10 45.9 -0.1 |
| CBKS | Cedar Bluff | 44.99 335 | eP | pP | 06 11 26.0 -1.8 |
| V24A | Rampart Ranch | 45.14 328 | eP | P | 06 10 48.3 +0.6 |
| Z20A | Nine Sixton R | 45.16 322 | eP | P | 06 10 48.5 +1.0 |
| W23A | Werner Place | 45.20 326 | eP | P | 06 10 48.3 +0.6 |
| LAZ | Ladron | 45.20 325 | eP | P | 06 10 48.3 +0.5 |
| X22A | Bernardo | 45.20 325 | eP | P | 06 10 48.9 +1.1 |
| Y21A | Circle Dot Ran | 45.21 329 | eP | P | 06 10 48.3 +0.5 |
| U25A | Point of Rocks | 45.23 324 | eP | P | 06 10 49.4 +1.3 |
| 218A | Dragon | 45.31 320 | eP | P | 06 10 49.2 +0.5 |
| NCB | Newcomb | 45.35 3 | eP | P | 06 10 48.7 -0.1 |
| NCB | Ashpey Ranch | 45.36 322 | eP | pP | 06 11 30.1 -0.5 |
| 119A | State Center | 45.45 344 | eP | P | 06 10 49.8 +0.7 |
| SCIA | State Center | 45.45 344 | eP | P | 06 10 47.4 -2.2 |
| W22A | Albuquerque | 45.53 326 | eP | P | 06 10 51.2 +0.8 |
| Y20A | Horse Spring R | 45.58 323 | eP | P | 06 10 51.8 +1.1 |
| X21A | Alamocita Cree | 45.61 324 | eP | P | 06 10 52.1 +1.1 |
| JFWS | Jewell Farm | 45.65 347 | eP | pP | 06 11 30.1 -0.5 |
| JFWS | Jewell Farm | 45.65 347 | eP | pP | 06 10 48.8 -2.3 |
| JFWS | Jewell Farm | 45.65 347 | eP | pP | 06 11 30.2 -2.8 |
| JFWS | Jewell Farm | 45.65 347 | eP | pP | 06 12 26.3 |
| JFWS | Jewell Farm | 45.65 347 | eP | pP | 06 10 48.8 -2.3 |
| JFWS | Jewell Farm | 45.65 347 | eP | pP | 06 11 30.1 -0.5 |
| JFWS | Jewell Farm | 45.65 347 | eP | pP | 06 12 26.3 +0.3 |
| Y23A | Ortiz Mt. (NFS | 45.65 327 | eP | pP | 06 10 51.9 +0.7 |
| U24A | Moreno Valley | 45.65 328 | eP | P | 06 10 52.6 +1.2 |
| Z19A | T-Link Ranch | 45.69 322 | eP | P | 06 10 52.4 +0.7 |
| 118A | Homack Ranch | 45.70 321 | eP | P | 06 10 52.2 +0.5 |

| | | | | | |
|------|----------------|-----------|----|------|------------------|
| T25A | Trinidad | 45.78 330 | eP | P | 06 10 53.1 +0.8 |
| LONV | Lake Ozonia | 45.98 3 | eP | P | 06 10 53.1 -0.6 |
| TUC | Tucson | 46.00 320 | eP | pmax | 06 10 54.4 +0.3 |
| TUC | Tucson | 46.00 320 | eP | pmax | 06 10 54.4 +0.4 |
| W21A | Tucson | 46.01 325 | eP | P | 06 10 55.0 +0.9 |
| Z18A | Geronimo | 46.03 321 | eP | P | 06 10 54.8 +0.5 |
| U23A | El Rito | 46.09 328 | eP | P | 06 10 55.4 +0.7 |
| X20A | Quemado | 46.09 324 | eP | P | 06 10 55.9 +1.1 |
| 117A | Oracle | 46.14 320 | eP | P | 06 10 55.5 +0.3 |
| Y19A | Nutrioso | 46.14 323 | eP | P | 06 10 56.0 +0.9 |
| V22A | San Miguel Ran | 46.17 327 | eP | P | 06 10 55.9 +0.5 |
| S25A | San Fidel | 46.20 330 | eP | P | 06 10 56.2 +0.6 |
| 216A | Three Points | 46.24 319 | eP | P | 06 10 56.2 +0.3 |
| Z17A | San Carlos Hig | 46.45 321 | eP | P | 06 10 57.8 +0.2 |
| U22A | Llaves | 46.48 327 | eP | P | 06 10 58.7 +0.9 |
| Y18A | Canyon Day Jun | 46.49 322 | eP | P | 06 10 58.3 +0.4 |
| W21A | Milan | 46.50 326 | eP | P | 06 10 58.9 +1.0 |
| W20A | Raman | 46.51 325 | eP | P | 06 10 58.8 +0.8 |
| T23A | Casias Ranch | 46.54 328 | eP | P | 06 10 58.8 +0.6 |
| S24A | Houchin Ranch | 46.57 330 | eP | P | 06 10 59.3 +0.8 |
| 116A | Eloy | 46.76 319 | eP | P | 06 10 100.1 +0.1 |
| SDCO | Great Sand Dun | 46.80 329 | eP | P | 06 11 00.8 +0.6 |
| SDCO | Great Sand Dun | 46.80 329 | eP | pP | 06 11 42.9 +0.6 |
| SDCO | Great Sand Dun | 46.80 329 | eP | pP | 06 12 30.8 +0.7 |
| Y17A | Roosevelt | 46.94 321 | eP | pP | 06 11 01.5 +0.1 |
| X18A | Snowflake | 46.95 323 | eP | P | 06 11 01.9 +0.5 |
| U21A | Nageezi | 46.96 326 | eP | P | 06 11 02.1 +0.6 |
| V20A | Brimhall | 46.96 325 | eP | P | 06 11 02.0 +0.5 |
| R24A | Sanders Place | 46.97 330 | eP | P | 06 11 02.1 +0.6 |
| T22A | Edith | 46.98 328 | eP | P | 06 11 02.0 +0.4 |
| W19A | Sanders | 47.02 324 | eP | P | 06 11 02.6 +0.6 |
| S23A | Nye Farm, Mont | 47.02 329 | eP | P | 06 11 02.7 +0.8 |
| Z16A | Perita Trail | 47.08 320 | eP | P | 06 11 02.5 0.0 |
| Q25A | Bedland, Calha | 47.09 331 | eP | P | 06 11 02.4 0.0 |
| 214A | Organ Pipe Nat | 47.11 318 | eP | P | 06 11 03.1 +0.4 |
| PKME | Peaks-Kenny Pk | 47.13 8 | eP | P | 06 11 02.6 0.0 |
| 115A | Sonoran Desert | 47.19 319 | eP | P | 06 11 03.6 +0.3 |
| W18A | Petrified Fore | 47.23 324 | eP | P | 06 11 04.3 +0.8 |
| V19A | Window Rock | 47.23 325 | eP | P | 06 11 04.2 +0.6 |
| T21A | Navajo Lake | 47.30 327 | eP | P | 06 11 04.7 +0.6 |
| X17A | Forest Lakes | 47.34 322 | eP | P | 06 11 05.3 +0.9 |
| U20A | Forest Lakes | 47.40 326 | eP | P | 06 11 05.3 +0.4 |
| Y16A | Circle Bar Ran | 47.46 321 | eP | P | 06 11 06.1 +0.7 |
| S22A | 4UR Ranch, Cre | 47.48 328 | eP | P | 06 11 06.1 +0.6 |
| Z15A | Gila River Ind | 47.51 320 | eP | P | 06 11 06.0 +0.2 |
| P25A | Willow Gulch B | 47.52 332 | eP | P | 06 11 06.2 +0.4 |
| Q24A | Divide | 47.56 331 | eP | P | 06 11 06.4 +0.3 |
| 114A | Black Gap (USA | 47.65 319 | eP | P | 06 11 07.2 +0.3 |
| OGNE | Ogallala | 47.73 335 | eP | P | 06 11 07.3 -0.1 |
| U19A | Dine' College | 47.73 325 | eP | P | 06 11 07.2 -0.3 |
| V18A | Gailo | 47.75 324 | eP | P | 06 11 07.7 +0.1 |
| W17A | Winslow | 47.78 323 | eP | P | 06 11 08.1 +0.3 |
| X16A | Lo Mia Camp, P | 47.79 322 | eP | P | 06 11 08.5 +0.6 |
| R22A | Saguache, Gunn | 48.17 329 | eP | P | 06 11 08.7 +0.7 |
| Q23A | Hartsel | 47.85 330 | eP | P | 06 11 08.7 +0.4 |
| P24A | Kohler Place | 47.88 331 | eP | P | 06 11 08.7 +0.2 |
| S21A | Coal Bank Pass | 47.93 327 | eP | P | 06 11 09.1 +0.1 |
| MVCO | Mesa Verde | 47.99 326 | eP | P | 06 11 09.6 +0.2 |
| MVCO | Mesa Verde | 47.99 326 | eP | P | 06 11 09.3 0.0 |
| T19A | Bealito | 48.01 326 | eP | P | 06 11 09.5 0.0 |
| Y15A | Casa Rosa Ranc | 48.05 320 | eP | P | 06 11 10.2 +0.3 |
| Z14A | Wintersburg | 48.07 319 | eP | P | 06 11 10.2 +0.1 |
| ECSD | EROS Data Cent | 48.14 342 | eP | P | 06 11 07.7 -2.7 |
| ECSD | EROS Data Cent | 48.14 342 | eP | pP | 06 11 50.6 -2.1 |
| V17A | Tonalea, Kykot | 48.20 323 | eP | pP | 06 11 11.7 +1.1 |
| U18A | Rough Rock, Ch | 48.20 325 | eP | P | 06 11 11.3 +0.2 |
| P23A | Jefferson | 48.22 331 | eP | P | 06 11 12.0 +0.9 |
| 113A | Mohawk Valley | 48.24 318 | eP | P | 06 11 11.0 -0.1 |
| W16A | Flagstaff | 48.29 322 | eP | P | 06 11 12.6 +0.9 |
| R21A | Cimarron | 48.33 328 | eP | P | 06 11 12.3 +0.3 |
| X15A | Humboldt | 48.33 321 | eP | P | 06 11 12.6 +0.5 |
| S20A | Disappointment | 48.36 327 | eP | P | 06 11 12.8 +0.6 |
| Q22A | Crested Butte | 48.37 329 | eP | P | 06 11 12.9 +0.7 |
| Z13A | Yuma Proving G | 48.44 319 | eP | P | 06 11 13.0 +0.1 |
| ISCO | Idaho Springs | 48.44 331 | eP | pmax | 06 11 12.7 -0.1 |
| ISCO | Idaho Springs | 48.44 331 | eP | pmax | 06 12 37.0 |
| ISCO | Idaho Springs | 48.44 331 | eP | pmax | 06 11 12.7 -0.1 |
| ISCO | Idaho Springs | 48.44 331 | eP | pmax | 06 12 37.0 +1.0 |
| COWI | Conover | 48.47 349 | eP | pP | 06 11 10.8 -2.1 |
| COWI | Conover | 48.47 349 | eP | pP | |

Table with columns: KMI, Kunming, 156.50 359, PKP, PKPdf, 06 22 21.5 -1.1, etc.

Table with columns: ISK, DDA, ISCB, NEIC, NIC, GRAL, CSEM, ISC, etc.

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

Table with columns: CMIG, Matias Romero, 3.20 128, LR, LR, 06 21 02.3, etc.

Table with columns: PNIG, Pinotepe, 5.49 289, eP, S, 06 20 06.0 +0.5, etc.

Table with columns: JTS, JuntasAbangare, 8.74 119, ePn, S, 06 20 51.7 +1.6, etc.

ISC 04 06:20:20.75:50.0, 18:31S:177:11W, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.8/16, mbtmp4.0/3, Error ellipse: s-maj=92.2km s-min=160.2km az=80.0, Fiji Islands region

Table with columns: STKA, Stephens Creek, 39.53 242, Op, ISC, 06 27 53.4 -0.1, etc.

NIED 04 06:21:00.40:40N:142:10E, h59km, Mw3.6 Best double couple: M2:79000x1014 N1:270.00000, S3:800000, L:151.00000, NP2:176.00000, S61.00000, S:8.00000

ISC 04 06:21:51.4:0.8, 40:37N:140:42:03E:0.10, h57km, mb3.8/4, Error ellipse: s-maj=12.8km s-min=7.3km az=8.1

JMA 04 06:21:51.9:0.1, 40:36N:142:08E, h50km, ML3.6 JMA Felt J1

ISC 04 06:21:52.4:1.6, 40:79N:140:94E, h0km, mb3.8/5, mb1 3.8/7, mb1mx3.5/27, mbtmp3.7/7, ML3.4/2, Error ellipse: s-maj=33.8km s-min=24.8km az=143.0

ISC 04 06:21:52.5:0.8, 40:36N:140:42:01E:0.10, h52km, mb3.8/4, n14, c074/20, mb3.8/4, 1C-6D, Near east coast of eastern Honshu

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

ISC 04 06:30:39.9:1.2, 14:54N:106:92:82W:0.04, h29km, mb3.8/9, Error ellipse: s-maj=11.2km s-min=3.8km az=30.5

MEX 04 06:30:40.7:0.7, 14:49N:92:75W, h55km, mb3.8/9, MD4.2 CASC 04 06:30:41.5:1.6, 14:58N:92:71W, h26km, mb3.8/9, MD3.8

ISC 04 06:30:39.7:1.6, 14:58N:106:92:81W:0.04, h16km, n10km, n21, c077/33, 1C, Near coast of Chiapas

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

Table with columns: HUIG, Huatulco, 3.40 291, eP, Pn, 06 31 32.3 +0.1, etc.

NEIC 04 06:34:30.3:0.7, 5:68S:133:65E, h35km, mb4.5/5, Error ellipse: s-maj=22.9km s-min=10.1km az=76.0

ISC 04 06:34:32.5:1.0, 5:83S:132:38E, h55km, mb3.8/5, mb1 4.2/9, mb1mx4.0/16, mbtmp4.0/9, MS3.2/4, Ms1 3.2/4, ms1mx2.9/26, Error ellipse: s-maj=39.1km s-min=17.2km az=71.0

ISC 04 06:34:30.7:1.4, 5:83S:108:133E:0.11, h47km, 14km, h56km, n1, 1km, p-P, n36, c136/41, mb4.2/9, MS3.0/2, Aru Islands region

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

ISC 04 06:20:20.75:50.0, 18:31S:177:11W, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.8/16, mbtmp4.0/3, Error ellipse: s-maj=92.2km s-min=160.2km az=80.0, Fiji Islands region

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

NIED 04 06:21:00.40:40N:142:10E, h59km, Mw3.6 Best double couple: M2:79000x1014 N1:270.00000, S3:800000, L:151.00000, NP2:176.00000, S61.00000, S:8.00000

ISC 04 06:21:51.4:0.8, 40:37N:140:42:03E:0.10, h57km, mb3.8/4, Error ellipse: s-maj=12.8km s-min=7.3km az=8.1

JMA 04 06:21:51.9:0.1, 40:36N:142:08E, h50km, ML3.6 JMA Felt J1

ISC 04 06:21:52.4:1.6, 40:79N:140:94E, h0km, mb3.8/5, mb1 3.8/7, mb1mx3.5/27, mbtmp3.7/7, ML3.4/2, Error ellipse: s-maj=33.8km s-min=24.8km az=143.0

ISC 04 06:21:52.5:0.8, 40:36N:140:42:01E:0.10, h52km, mb3.8/4, n14, c074/20, mb3.8/4, 1C-6D, Near east coast of eastern Honshu

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

ISC 04 06:34:41.9:0.9, 52:10N:171:67W, h0km, mb3.8/9, mb1 4.0/9, mb1mx3.8/28, mbtmp3.8/9, Error ellipse: s-maj=29.9km s-min=19.6km az=172.0

ISC 04 06:34:48.1:1.5, 52:2N:0.2:171:66W:0.11, h04km, 12km, mb3.8/9, Error ellipse: s-maj=31.7km s-min=10.7km az=162.5

NEIC 04 06:34:48.2:52:15N:171:50W, h26km, ML3.5(AEIC), After AEIC

ISC 04 06:34:49.7:1.5, 52:1N:0.2:171:6W:0.11, h56km, 13km, n12, c054/13, mb3.8/9, Fox Islands

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

ISC 04 06:50:25:7.8, 5:1034N:92:26E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.3/21, mbtmp3.3/3, Error ellipse: s-maj=44.2km s-min=30.4km az=60.0, Andaman Islands region

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

WRA Warrunguna Arr 51.55 126 P P 06 59 33.0 -0.9
ASAR Alice Springs 53.30 131 P P 06 59 47.6 +0.8

BYKL 04 06:56:30.2-0.2,54.93N-109.85E
MOS 04 06:56:30.9-0.4,54.85N-109.84E,h12km,mb4.2/1,4C-4D,
Error ellipse: s-maj=61.4km s-min=22.0km az=66.9,
Lake Baykal region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like Ulyunshan, Nizh Angarsk, Suvo, Kumora, Uoyan, Maximikha, Ongureny, Tyrgan, Ulan-Yde, Kabansk, Chita, Neiyaty, Talaya, Arshan, Khapcheranga, Orlik, Tupik, and Mondy.

ORL ePg Pg 06 58 25.4 -7.8
ORL eSg Sn 06 59 19.1 +1.6
ORL ePmax Sg 06 59 48.1 -7.7
comp=N,2.0nm,1.0s
TDJR comp=N,35nm,0.9s
TDJR Tdzha 8.53 259 e Sn 07 00 20.9 +11
TDJR eSg Sn 07 00 52.7 +43

ISCJB 04 07:24:11.4-1.0,50.06N-0.06:78.7E:0.2,h10km,Error
ellip: s-maj=18.3km s-min=7.6km az=162.7
IDC 04 07:24:11.9-0.9,50.04N-78.80E,h10km,mb1.3/0.3,
mb1mx3.0/26,mbtmp3.3/ML3.1/3,Error ellipse:
s-maj=17.4km s-min=6.4km az=62.0
ISC 04 07:24:13.2-1.0,50.08N-0.06:78.7E:0.2,h10km,n6,
c1506/9,3C-ID,Eastern Kazakhstan

MAN 04 09:00:55,10.94N:122.09E,h1km,mb4.6,ML3.4,MS3.3
MAN INTENSITY II - ILOILO CITY.
ISCJB 04 09:00:56.4-0.8,10.91N:0.05:122.10E:0.04,h16km,9km,
mb3.5/5,Error ellipse: s-maj=8.9km s-min=5.8km az=31.5
IDC 04 09:01:01.0-3.9,10.49N:121.90E,h59km,mb3.3/3.5,
mb1.3/5,mb1mx3.2/21,mbtmp3.3/5,ML4.4/1,MS3.5/1,
Ms1.3/5,ms1mx2.7/15,Error ellipse: s-maj=58.5km
s-min=18.1km az=62.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like GUIM, CUYO, Odiangan, San Jose, Coron, Boac, ENP, Masin, Guinayangan, Tagaytay City, Pagadian, Musuan, Chiang Mai Arr, WRA, ASAR, ASAR, SONM, MKAR, MKAR.

CSEM 04 09:08:45.8-0.5,26.60N:54.87E,h2km,ML3.9,Error
ellip: s-maj=17.8km s-min=3.2km az=165.0,Southern
Iran

IDC 04 09:52:14.5-2.2,6.50S:130.57E,h0km,mb3.3/1,
mb1.3/4.0,ms1mx3.3/17,mbtmp3.3/4,ML3.3/3,MS4.0/1,
Ms1.4/0.1,ms1mx2.6/19,Error ellipse: s-maj=89.4km
s-min=28.4km az=78.0,Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like FITZ, WRA, WRA, ASAR, ASAR, JHJ, MKAR, MAN, MATI, Davao City-Mi, Musuan, Pagadian, DDA, ISK, CSEM, IDC, Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like GOLH, GOLH, GOLH, GOLH, ELL, ELL, ELL, DNZL, DNZL, DNZL, DENI, DENI, DENI, YER, YER, YER, AKAS, AKAS, AKAS, ANTB, ANTB, ANTB, MLSB, MLSB, MLSB, BUCK, BUCK, BUCK, AYDN, AYDN, AYDN, AYDN, KHL, KHL, KHL, KH, KH, KH, DAT, DAT, DAT, KHAL, KHAL, KHAL, KHAL, BDRM, BDRM, BDRM, BDRM, SUTC, SUTC, SUTC, BODT, BODT, BODT, KULA, KULA, KULA, HDMB, HDMB, HDMB, KONT, KONT, KONT, KIZT, KIZT, KIZT.

NEIC 04 10:09:57.0,37.00N-29.23E,h8km,MD3.2(ISK),After
ISK.
ISK 04 10:09:57.1,37.02N-29.23E,h6km,MD3.3
DDA 04 10:09:57.4,36.99N-29.19E,h7km,4km,MD3.4
ISCJB 04 10:09:58.3-0.6,37.07N:0.03:29.25E:0.03,h9km,5km,
Error ellipse: s-maj=5.6km s-min=3.8km az=163.2
CSEM 04 10:09:58.0-0.1,37.06N:29.25E,h5km,MD3.3,Error
ellip: s-maj=4.0km s-min=2.7km az=166.0
THE 04 10:10:00.1,37.13N-29.17E,h1km,5km,ML4.5/1,Error
ellip: s-maj=12.9km s-min=1.6km az=83.0
ISC 04 10:09:58.7-0.5,37.08N:0.03:29.24E:0.03,h8km,4km,
n79,c098/108,Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like GLHS, GLHS, GLHS, GOLH, GOLH, GOLH, GOLH, TURN, TURN, TURN, TURN, TURN, DNZL, DNZL, DNZL, CAKI, CAKI, CAKI, ELL, ELL, ELL, DENI, DENI, DENI, YER, YER, YER, KORT, KORT, KORT, KORT, AKS, AKS, AKS, BCK, BCK, BCK, ANTB, ANTB, ANTB, ANTB, MLSB, MLSB, AYDN, AYDN, AYDN, ARG, ARG, ARG, ARG, ARG, KHL, KHL, KHL, KHL, DAT, DAT, DAT, BDRM, BDRM, BDRM, BDRM, SUTC, SUTC, SUTC, KULA, KULA, KULA, BODT, BODT, BODT, YER, YER, YER, NIS1, NIS1, NIS1, SHUT, SHUT, SHUT, IZM, IZM, IZM, ALT, ALT, ALT, AKS, AKS, AKS, LADK, LADK, LADK, KIZT, KIZT, KIZT, CHOS, CHOS, CHOS, APE, APE, APE, APE.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like SPITS, RLMT, PDAR, KURK, ULM, MKAR, ARCES, BVAR, BRVK, JOF, SCHQ, FCHS, FINES, TXAR, CMAR, NB2, NOA, OBN, VSR, AKASG, ZEI, CLL, BUR0, WRA, BRTR, ASAR, BOSA.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like SPN, NLC, KIL, AVH, PET, MKZ, GNL, MIPR, KBTR.

ISCJB 04 13:02:42.3:0.4,66:12N:0:04:142:42W:0:08,h10km, mb3.0/3, Error ellipse: s-maj=5.8km s-min=4.7km az=160.5

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like EGAK, DMW, DAWY, COLA, DOT, BOC3, COLD, MCK, RND, INK, INK, INK.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like INK, TRF, IM3, SML, DIV, BMRM, PPLA, PMR, EYAK, HHT, HHT, HHT, WHY, WHY, WHY, TTA, TTA, PLBC, PLBC, SVW2, DLBC, DLBC, ROMN, ROMN, ROMN, CTLN, CTLN, CTLN, YKW3, YKW3, YKW3, YKA, YKA, RES, RES, PDAR, NVAR, TXAR.

ISCJB 04 13:12:41.9:23:86N:19:22E:h21km,ML3.5,C ISC 04 13:12:40.9:0.6,23:85N:0:03:119:14E:0:04,h10km,3km, n41,-056274,3C-1D,Taiwan region

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like PNG, WDG, KNM, WSF, WSF, WTCT, WTCT, CHN8, CHN8, SCLT, SCLT, QZH, QZH, QZH, CHY, CHY, TAI, TAI, WKG, WKG, CHN3, TWK, TWK, WNT, WNT, CHN5, CHN5, TCU, TCU, CHN1, CHN1, WTP, WTP, SGST, SGST, TWMT, TWMT, TYC, TYC, TYC, NSY, NSY, SMLT, SMLT, STYT, STYT, SSD, SSD.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like SSD, ELDT, NSTT, NSTT, TWT, TWT, WHF, WHF, SCZT, EHY, EHY, TWF1, TWF1, TWG, TWG, TWG, ECL, ECL, ESL, ESL, TTN, EAST, EAST, ENNA, ENNA, TWE, TWE.

ISCJB 04 13:25:39.7:1.2,27:1S:0:2:178:5W:0:3,h249km,14km, mb3.8/8, Error ellipse: s-maj=41.2km s-min=26.4km az=144.5

IDC 04 13:25:40.9:1.4,27:13S:178:45W,h243km,11km,mb3.6/6, mb1.3/8,mb1mx3.5/17,mbtm3.7/7, Error ellipse: s-maj=27.2km s-min=17.6km az=43.0

NEIC 04 13:25:41.0:1.2,27:08S:178:40W,h248km,11km,mb3.9/3, Error ellipse: s-maj=21.3km s-min=16.3km az=208.0

ISC 04 13:25:40.7:1.6,27:1S:0:2:178:5W:0:3,h243km,14km, n18,-056512,mb3.8/8,Kermadec Islands region

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like RAO, RAO, CTA, CTA, CTAO, CTAO, ASAR, WRAB, WRA, GSPA, GSPA, MAW, MAW, MJAR, MAJO, ARCS, NOA, NOA, NOA, NOA, MMAL, BRTR, TORO.

CSEM 04 13:32:26.0:12:42N:44:24E,h9km,ML3.7,After DHMR DHMR 04 13:32:26.0:1.0,12:42N:44:24E,h9km,1.3km,ML3.7, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like UDYU, UDYU, UDYU, UDYU, BDHA, BDHA, BDHA, BDHA, DHBH, DHBH, DHBH, HAJJ, HAJJ, HAJJ, HAJJ.

IDC 04 13:48:16.5:0.7,7:46S:126:07E,h0km,mb4.0/11, mb1.4/2/14,mb1mx4.1/21,mbtm4.1/14,ML4.0/3,MS3.5/10, Ms1 1.3/10,ms1mx3.3/28, Error ellipse: s-maj=34.9km s-min=15.2km az=61.0

ISCJB 04 13:48:19.5:0.9,7:73S:0:06:125:91E:0:07,h37km,9km, mb4.0/15,MS3.6/8, Error ellipse: s-maj=13.8km s-min=5.3km az=140.7

NEIC 04 13:48:21.3:0.4,7:66S:125:94E,h35km,mb4.6/4, Error ellipse: s-maj=11.2km s-min=6.2km az=57.0

DJA 04 13:48:22.7:48S:126:10E,h70km,Mw4.9/7 ISC 04 13:48:22.3:0.7,7:72S:0:06:125:88E:0:07,h43km,8km, n50,-1915/51,mb4.0/15,MS3.6/8,Banda Sea

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like MMRI, KDI, BKSI, BNSI, KAPI, KAPI, SPSI, TTSI.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, I, S, C. Includes stations like KAKA, KUNURTRA, MRSI, PCI, FITZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, I, S, C. Includes stations like RAO, URZ, CTA, STKA, ASAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, I, S, C. Includes stations like HABR, DAWY, YAK, etc.

IDD 04 14:01:24.8:2.2, 8:33S:105.43E, h0km, mb3.8/8, mb1 3.9/8, mb1mx3.7/21, mbtmp3.8/8, Error ellipse: s-maj=88.1km s-min=17.8km az=55.0

ISCJB 04 14:01:27.0:1.5:317S:0.08:178.7W:0.2, h25km, 36km, mb4.2/7, Error ellipse: s-maj=32.5km s-min=8.6km az=123.4

NEIC 04 14:01:27.4:1.2: 8:33S:104.90E, h35km, mb4.0/4, Error ellipse: s-maj=55.5km s-min=12.2km az=57.0

DJA 04 14:01:30.8:13S:105.14E, h2km, MLV3.9/11

ISC 04 14:01:28.3:2.8, 8:29S:0.06:105.39E:0.08, h24km, 21km, n28, r133/32, mb3.9/11, South of Jawa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, I, S, C. Includes stations like CGJI, SKJI, SBJI, etc.

IDD 04 14:24:29.9:0.6, 51:75N:175:72E, h0km, mb4.2/22, mb1 4.4/24, mb1mx4.3/33, mbtmp4.2/24, ML4.4/2, MS3.4/16, Ms1 3.4/16, ms1mx3.2/43, Error ellipse: s-maj=18.7km s-min=11.8km az=162.0

MOS 04 14:24:32.4:1.3, 51:76N:175:76E, h29km, mb4.6/32, Error ellipse: s-maj=11.6km s-min=7.8km az=104.4

ISCJB 04 14:24:35.5:0.8, 51:85N:107:175E:0.04, h51km, 6km, mb4.5/60, MS3.4/21, Error ellipse: s-maj=11.1km s-min=4.3km az=177.9

BUJ 04 14:24:36.0:51:95N:174:99E, h26km, mb4.8/17, mb4.7/24, Ms4.2/11, Ms7.3/9/12

NEIC 04 14:24:36.9:0.8, 51:84N:175:70E, h51km, 6km, mb4.4/18, ML4.3(PMR), ML4.2(AEIC), Error ellipse: s-maj=12.8km s-min=4.9km az=176.0

ISC 04 14:24:36.7:0.7, 51:84N:106:175.78E:0.04, h45km, 6km, h35km, 1.4km, pP-P, n136, r107/130, mb4.5/60, MS3.4/21, 4C-1D, Rat Islands

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

IDD 04 14:24:36.7:0.7, 51:84N:106:175.78E:0.04, h45km, 6km, h35km, 1.4km, pP-P, n136, r107/130, mb4.5/60, MS3.4/21, 4C-1D, Rat Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CFR Carcaliu, SIM Simferopol, LEOM Leova, KIS Kishinev, CVD Cernavoda, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TRUS Trudelj, DIVS Divorabe, VSR Storozhevoje, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JKO Boso 1, BSO1 Boso 1, CBJ1 Chichi jima, etc.

4d 19h

Table with columns: Code, Station Name, Az, El, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WHTA, GWA, GTA, GUA, etc.

IDC 04 18:52:25.7, 3.3, 28.80N x 141.73E, h0km, mb3.5/3, mb1 3.6/4, mb1mx3.3/24, mbtmp3.4/4, ML3.4/1, Error ellipse: s-maj=140.0km s-min=18.2km az=70.0, Bonin Islands region

Table with columns: Code, Station Name, Az, El, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CBIJ, MJAR, WRA, MKAR, KURK, etc.

THE 04 19:03:21.9, 41.82N, 22.72E, h17km, 14km, ML3.2/1, Error ellipse: s-maj=30.2km s-min=0.8km az=276.0
ISC/JB 04 19:03:22.1, 0.6, 41.80N, 0.03, 22.84E, 0.05, h10km, Error ellipse: s-maj=5.8km s-min=3.7km az=176.7
CSEM 04 19:03:22.1, 0.2, 41.80N, 22.89E, h2km, ML3.2/1, Error ellipse: s-maj=6.1km s-min=3.6km az=85.0
BEO 04 19:03:23.0, 3.4, 41.79N, 22.80E, h0km, ML1.9/5
SKO 04 19:03:23.3, 4.1, 78N, 22.85E, h0km, ML1.4, ML2.0
ISC 04 19:03:22.8, 0.6, 41.79N, 0.03, 22.83E, 0.06, h5km, 9km, n16, c069/29, Northwestern Balkan Peninsula

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

2008 JUL

Table with columns: VTS, Station Name, Az, El, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Vitosh, Sokhos, Barje, etc.

MDD 04 19:03:34.9, 1.6, 36.37N, 10.53W, h0km, mbLg2.2/14, Error ellipse: s-maj=15.4km s-min=13.9km az=152.0, PRIMO
NEIC 04 19:03:34.0, 36.35N, 10.59W, h0km, MG3.7(MDD), After MDD

IGIL 04 19:03:34.3, 36.35N, 10.65W, h2km, ML1.9
INMG 04 19:03:35.9, 0.9, 36.31N, 10.56W, h10km, ML1.7, Error ellipse: s-maj=6.9km s-min=5.0km az=107.0
CSEM 04 19:03:35.5, 0.3, 36.42N, 10.49W, h10km, ML2.9/8, Error ellipse: s-maj=4.6km s-min=4.4km az=43.0
ISC 04 19:03:35.6, 1.1, 36.41N, 0.06, 10.48W, 0.07, h10km, n84, c055/155, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Az, El, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Vila Bisbo, Marlete, PTEO, etc.

IDC 04 19:05:57.1, 52.0, 15.21S, 171.44W, h0km, mb4.4/3, mb1 4.5/3, mb1mx3.8/18, mbtmp4.4/3, Error ellipse: s-maj=101.1km s-min=175.1km az=79.0, Samoa Islands region

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

IDC 04 19:13:21.1, 21.1, 4.1, 31.95N x 104.75E, h0km, mb3.2/3, mb1 3.4/4, mb1mx3.2/24, mbtmp3.1/4, ML2.9/1, Error ellipse: s-maj=95.6km s-min=25.3km az=58.0, Sichuan Islands region

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

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Table with columns: EVO, Station Name, Az, El, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Evora, Barrancos, etc.

IDC 04 19:13:21.1, 21.1, 4.1, 31.95N x 104.75E, h0km, mb3.2/3, mb1 3.4/4, mb1mx3.2/24, mbtmp3.1/4, ML2.9/1, Error ellipse: s-maj=95.6km s-min=25.3km az=58.0, Sichuan Islands region

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

IDC 04 19:13:21.1, 21.1, 4.1, 31.95N x 104.75E, h0km, mb3.2/3, mb1 3.4/4, mb1mx3.2/24, mbtmp3.1/4, ML2.9/1, Error ellipse: s-maj=95.6km s-min=25.3km az=58.0, Sichuan Islands region

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

SONG Songio Array 84.59 339 P P 20 20 57.0 +0.3
MKAR Makanchi Array 89.53 355 P P 20 21 20.0 -0.8

ISCJB 04 20:17:19.6,0.7,39.777N,0.03:26.79E,0.05,h8km,10km,
Error ellipse: s-maj=7.0km s-min=5.5km az=174.4
DDA 04 20:17:19.1,39.78N,26.76E,h7km,4km,MD2.8

CSEM 04 20:17:20.4,0.3,39.78N,26.84E,h20km,MD2.6,Error
ellipse: s-maj=6.2km s-min=5.8km az=105.0

ISK 04 20:17:21.9,39.90N,26.86E,h19km,MD2.6
ISC 04 20:17:20.0,0.8,39.777N,0.04:26.80E,0.05,h18km,10km,

Code Station Name Az AZ Phase ID Time Res
EZN Ezine 0.37 279 ePg P 20 17 31.1 +3.4
EZN Ezine 0.37 279 ePg P 20 17 31.1 +3.4
AYVA Ayvalik 0.46 190 eS P 20 17 29.2 -0.2

NEIC 04 21:23:00.8,1,21.74N,104.97W,h59km,MD4.4(MEX),After
MEX.

MEX 04 21:23:00.8,1,21.74N,104.97W,h59km,39km,MD4.4,
Central Mexico

Code Station Name Az AZ Phase ID Time Res
ANIG Ahuacatlan 0.80 148 iS Pn 21 23 13.8 -2.4
MAIG Mazatlan 1.97 317 eP Pn 21 23 31.4 -0.5
MAIG Mazatlan 1.97 317 eS Pn 21 23 34.0 -1.5

IDC 04 21:26:40.0,0.7,32.53S,179.84W,h0km,mb4,3/13,
mb1,4.6/15,mb1mx4.5/21,mbtmp4,4/15,ML4.2,MS4.3/19,
Ms1,4.3/19,ms1mx4.2/25,Error ellipse: s-maj=20.7km

ISCJB 04 21:26:42.3,2.7,32.74S,0.08:179.98E,0.09,h21km,19km,
mb4,8/26,MS4.3/17,Error ellipse: s-maj=14.9km

GCMT 04 21:26:44.8,0.2,32.75S,179.74E,h12km,MW5.1,
Moment Tensor Solution 648,676,877,6141, Moment
tensor: Scale 10^16Nm, Mrr=3.36e-13; Mtt=1.2e-12; Mtt=

Best double couple: M=5.1000e+10 Np1=12.000000,
351.00000, lambda=137.00000. NP2=251.00000,
357.00000, lambda=48.00000. Principal axes: T 6.0800,
Plg3.0000, Azm313.0000, N -2.0500, Plg35.0000,
Azm45.0000; P -4.0300, Plg55.0000, Azm218.0000;
Data Used: II CI UG CN.

NEIC 04 21:26:46.5,1.2,32.72S,179.92W,h45km,11km,mb5,1/13
Error ellipse: s-maj=12.5km s-min=9.3km az=143.0

ISC 04 21:26:43.9,2.9,32.59S,0.08:179.96W,0.09,
h20km,21km,n70,r1520,mb4,8/26,MS4.3/17, South of
Kermadec Islands

Code Station Name Az AZ Phase ID Time Res
RAO Raoul Island 3.85 28 Pn Pn 21 27 43.7 +1.8
RAO Raoul Island 23m,0.3s,baz=233,slow=20,SNR=2.3
RAO Raoul Island comp=2,2um,20.6s,baz=230,slow=33

COEN Coen 38.39 290 eP P 21 34 03.7 -0.3
RKT Rikitea 40.62 88 eLQ P 21 43 46.2

ASAR Alice Springs 41.39 270 P P 21 34 28.6 -0.2
WRAB Tarrant Creek 42.58 276 eP P 21 34 38.1 -0.5
WRA Warramunga Arr 42.59 276 P P 21 34 38.0 -0.7
WRA Warramunga Arr 15m,0.9s,mb4.7,baz=115,slow=7.8,SNR=43
FORT Forrest 43.89 258 eP P 21 34 48.5 -0.6
FORT Forrest 34m,0.7s,mb5.2
FORT Forrest 36m,0.8s,mb5.2

JIRN Jiri 9.03 262 ePn Pn 21 37 36.3 -0.2
GUN Gumbah 9.24 264 ePn Pn 21 37 39.6 +0.1
LZH LZH 9.32 41 ePn Pn 21 37 41.8 +1.4

DMN DMN 9.98 263 ePn Pn 21 37 48.8 -0.7
GKN GKN 10.31 266 ePn Pn 21 37 52.5 -1.6
GKN GKN comp=E,634nm,0.4s
GTA Gaotal 10.53 15 eP Pn 21 37 57.2 +0.2
GTA Gaotal 21 38 04.9
GTA Gaotal 21 38 10.0

| | | | | | |
|-------|--|-----------|-----|------|-----------------|
| KMI | Knunning | 6.74 191 | Pn | Pn | 22 12 36.5 +2.9 |
| KMI | | | Sn | Sn | 22 13 49.1 -1.4 |
| KMI | comp=N,110nm,0.7s | | | smax | |
| KMI | comp=E,110nm,0.7s | | | LR | LR |
| KMI | comp=N,630nm,8.0s | | | LR | LR |
| KMI | comp=E,340nm,5.4s | | | LR | LR |
| KMI | comp=Z,830nm,12.3s | | | LR | LR |
| GTA | Gaotai | 8.40 336 | eP | Pn | 22 12 58.3 +2.0 |
| GTA | | | pP | | 22 13 01.4 |
| GTA | | | eP | | 22 13 04.1 |
| GTA | | | S | Sn | 22 14 35.2 +4.0 |
| GTA | | | sS | | 22 14 46.5 |
| GTA | comp=Z,4.0nm,0.7s | | | pmax | pmax |
| GTA | comp=Z,8.7nm,4.5s | | | pmax | pmax |
| GTA | comp=N,840nm,9.8s | | | LR | LR |
| GTA | comp=E,730nm,11.9s | | | LR | LR |
| GTA | comp=Z,640nm,10.1s | | | LR | LR |
| WHN | Wuhan | 8.81 95 | P | Pn | 22 13 03.0 +1.0 |
| WHN | | | S | Sn | 22 14 34.5 -6.9 |
| WHN | comp=N,1um,5.7s | | | LR | LR |
| WHN | comp=E,2um,11.3s | | | LR | LR |
| WHN | comp=Z,2um,9.9s | | | LR | LR |
| BTO | Baotou | 10.00 27 | eP | Pn | 22 13 16.6 -1.6 |
| BTO | | | LR | LR | |
| BTO | comp=N,280nm,9.0s | | | LR | LR |
| BTO | comp=E,110nm,8.5s | | | LR | LR |
| HHC | Hu-ho-hao-te | 10.84 31 | eP | Pn | 22 13 29.4 -0.4 |
| HHC | | | pP | | 22 13 38.3 |
| HHC | | | S | Sn | 22 15 31.1 |
| HHC | | | SS | | 22 15 44.4 |
| HHC | | | PcS | PcS | 22 23 02.1 -1.6 |
| HHC | comp=Z,8.0nm,0.5s | | | pmax | pmax |
| HHC | comp=Z,7.7nm,4.8s | | | LR | LR |
| HHC | comp=N,600nm,8.8s | | | LR | LR |
| HHC | comp=E,370nm,8.1s | | | LR | LR |
| HHC | comp=Z,370nm,8.4s | | | LR | LR |
| LSA | Lhasa | 11.39 263 | P | Pn | 22 13 40.7 +3.4 |
| TIA | Tai'an | 11.63 94 | P | Sn | 22 15 39.0 -1.1 |
| GZH | Guangzhou | 11.88 134 | P | Pn | 22 13 42.8 -1.3 |
| GZH | | | LR | LR | |
| GZH | comp=N,320nm,9.3s | | | LR | LR |
| GZH | comp=E,470nm,9.6s | | | LR | LR |
| GZH | comp=Z,760nm,10.5s | | | LR | LR |
| CHTO | Chiang Mai | 13.74 201 | ePn | Pn | 22 14 13.3 +3.8 |
| CHTO | comp=Z,4.9nm,0.6s | | | Pn | 22 14 16.6 +2.6 |
| CM31 | Chiang Mai Arr | 14.07 201 | ePn | Pn | 22 14 16.5 +2.5 |
| CMAR | Chiang Mai Arr | 14.07 201 | Pn | Pn | 22 14 16.5 +2.5 |
| TAPN | Taplejung | 14.98 257 | eP | Pn | 22 14 25.2 -1.2 |
| TAPN | comp=Z,2.7nm,0.8s | | | Pn | 22 14 32.1 -0.2 |
| ODAN | Odare | 15.43 256 | eP | Pn | 22 14 39.8 -0.5 |
| RAMN | Ramite | 16.05 257 | eP | Pn | 22 14 42.6 +1.3 |
| RAMN | comp=Z,1.8nm,0.7s | | | Pn | 22 14 42.3 -0.1 |
| SOMM | Songio Array | 16.15 53 | Pn | Pn | 22 14 48.9 -1.9 |
| SOMM | comp=Z,0.4nm,0.3s,baz=12,slow=12,SNR=7.8 | | | Pn | 22 14 51.8 -1.6 |
| ULN | Ulaanbaatar | 16.22 7 | eP | Pn | 22 14 55.6 -1.2 |
| GUN | Gumb | 16.33 261 | eP | Pn | 22 15 31.4 +0.5 |
| GUN | comp=Z,9.6nm,1.1s | | | Pn | 22 15 35.3 +1.6 |
| GUN | comp=Z,9.5nm,0.9s | | | Pn | 22 15 51.9 -2.4 |
| PKI | Pulchoki | 16.83 260 | eP | Pn | 22 15 57.7 +1.5 |
| PKI | comp=Z,60nm,0.9s | | | Pn | 22 19 47.5 -0.5 |
| PKIN | Pulchoki | 16.84 260 | eP | Pn | 22 19 47.5 -0.5 |
| PKIN | comp=Z,50nm,0.7s | | | Pn | 22 16 05.0 -0.9 |
| SSLB | Suanguing | 16.84 114 | eP | Pn | 22 16 28.8 +0.1 |
| KKN | Kakani | 16.87 261 | eP | Pn | 22 16 29.1 +0.5 |
| KKN | comp=Z,12nm,0.8s | | | Pn | 22 16 34.4 +0.2 |
| DMN | Daman | 17.07 261 | eP | Pn | 22 16 34.4 +0.2 |
| DMN | comp=Z,48nm,1.0s | | | Pn | 22 16 34.4 +0.2 |
| GKN | Gorkha | 17.34 263 | eP | Pn | 22 16 34.4 +0.2 |
| GKN | comp=Z,48nm,1.0s | | | Pn | 22 16 34.4 +0.2 |
| KSR5 | Korea Array | 20.35 67 | P | Pn | 22 16 34.4 +0.2 |
| KSR5 | comp=Z,5.8nm,0.6s,baz=25,slow=11,SNR=22 | | | Pn | 22 16 34.4 +0.2 |
| CN2 | Changchung | 20.60 48 | eP | Pn | 22 16 34.4 +0.2 |
| CN2 | comp=Z,30nm,0.7s | | | Pn | 22 16 34.4 +0.2 |
| MK31 | Makanchi Array | 22.51 318 | eP | Pn | 22 16 34.4 +0.2 |
| MKAR | Makanchi Array | 22.51 318 | P | Pn | 22 16 34.4 +0.2 |
| MKAR | comp=Z,4.8nm,0.7s,mb4.0,baz=112,slow=11,SNR=4.5 | | | Pn | 22 19 47.5 -0.5 |
| MKAR | comp=Z,1.8nm,0.8s,baz=175,slow=17,SNR=4.2 | | | Pn | 22 19 47.5 -0.5 |
| MKAR | comp=Z,1.8nm,0.8s,baz=175,slow=17,SNR=4.2 | | | Pn | 22 19 47.5 -0.5 |
| MDJ | Mudanjiang | 23.63 50 | P | Pn | 22 16 05.0 -0.9 |
| MDJ | comp=Z,10.0nm,1.5s,mb4.0 | | | Pn | 22 16 28.8 +0.1 |
| ZAAO | Zalesovo Array | 26.15 334 | eP | P | 22 16 29.1 +0.5 |
| ZAAO | comp=Z,11nm,0.8s,mb4.5,baz=134,slow=10,SNR=8.7 | | | P | 22 16 34.4 +0.2 |
| KURK | Kurchatov | 26.75 322 | P | P | 22 16 34.4 +0.2 |
| KURK | comp=Z,3.4nm,0.7s,mb4.0,baz=132,slow=9.4,SNR=2.5 | | | P | 22 19 56.4 -0.8 |
| KURK | comp=Z,3.1nm,0.6s,baz=106,slow=1.9,SNR=5.5 | | | P | 22 17 00.1 +1.6 |
| KBL | Kabul | 29.45 285 | eP | P | 22 17 24.5 +1.0 |
| BVAR | Borovoye Array | 32.30 321 | P | P | 22 20 11.2 -0.1 |
| BVAR | comp=Z,1.5nm,0.6s,mb4.0,baz=90,slow=7.2,SNR=2.1 | | | P | 22 17 24.4 +1.0 |
| BVAR | comp=Z,1.5nm,0.6s,mb4.0,baz=90,slow=7.2,SNR=2.1 | | | P | 22 17 24.4 +1.0 |
| BVAR | comp=Z,2.5nm,0.7s,baz=126,slow=3.4,SNR=12 | | | P | 22 18 06.9 +0.5 |
| ABKAR | Abkulpak array | 37.27 311 | eP | P | 22 18 29.4 +0.7 |
| ABKAR | comp=Z,3.9nm,0.8s,mb4.3 | | | P | 22 18 58.9 -0.5 |
| ARU | Arti | 39.94 322 | eP | P | 22 18 57.5 -1.8 |
| ARU | comp=Z,6.8nm,0.6s,mb4.5 | | | P | 22 19 42.3 +1.0 |
| PEA0B | Petrovavlovsk | 43.68 45 | eP | P | 22 20 09.8 -0.4 |
| PETK | Petrovavlovsk | 43.68 45 | P | P | 22 20 11.2 -0.1 |
| PETK | comp=Z,4.8nm,0.7s,mb4.3,baz=216,slow=4.6,SNR=7.1 | | | P | 22 20 15.2 -1.5 |
| KIV | Kislodovsk | 48.99 303 | eP | P | 22 20 22.0 0.0 |
| KIV | comp=Z,4.1nm,0.6s,mb4.6 | | | P | 22 20 22.0 0.0 |
| KNA | Kunurra | 54.49 328 | eP | P | 22 20 22.0 0.0 |
| KNA | comp=Z,1.9nm,0.7s,mb5.1 | | | P | 22 20 35.5 +0.9 |
| FITZ | Fitzroy Crossi | 53.70 154 | P | P | 22 20 36.8 +0.2 |
| FITZ | comp=Z,5.5nm,1.0s,mb4.4,slow=10,slow=2.3,SNR=4.7 | | | P | 22 20 11.2 -0.1 |
| JOF | Joensuu | 54.49 328 | eP | P | 22 20 11.2 -0.1 |
| JOF | comp=Z,3.7nm,0.5s,mb4.6 | | | P | 22 20 22.0 0.0 |
| ASF | Jabal al Asfar | 56.17 290 | P | P | 22 20 35.5 +0.9 |
| ASF | comp=Z,2.3nm,0.5s,mb4.5,baz=168,slow=0.9,SNR=8.7 | | | P | 22 20 36.8 +0.2 |
| BRTR | Reskin Array B | 56.45 299 | P | P | 22 20 36.8 +0.2 |
| BRTR | comp=Z,2.0nm,0.9s,mb4.2,baz=101,slow=6.4,SNR=8.5 | | | P | 22 20 11.2 |
| BRTR | comp=Z,2.4nm,2.1s,baz=87,slow=42 | | | P | 22 20 36.8 +0.2 |
| BRTR | comp=Z,2.4nm,2.1s,baz=87,slow=42 | | | P | 22 20 11.2 |
| ARCES | ARCES Array B | 56.67 336 | P | P | 22 20 37.1 -0.5 |
| KAF | Kangasniemi | 56.86 327 | eP | P | 22 20 38.0 -1.0 |
| KAF | comp=Z,4.1nm,0.6s,mb4.6 | | | P | 22 20 38.0 -1.0 |
| KAF | comp=Z,4.1nm,0.6s,mb4.6 | | | P | 22 20 38.0 -1.0 |
| AKASG | Malin Array Be | 56.97 313 | P | P | 22 20 39.8 -0.2 |
| AKASG | comp=Z,0.4nm,0.3s,mb3.9,baz=77,slow=8.2,SNR=4.6 | | | P | 22 21 33.7 -1.5 |
| AKASG | comp=Z,1.6nm,0.7s,baz=68,slow=4.6,SNR=4.3 | | | P | 22 20 39.6 -0.3 |
| AKSB | Malin Array Si | 56.97 313 | eP | P | 22 20 40.5 +0.1 |
| FINES | FINES Array B | 57.04 326 | P | P | 22 20 52.9 +1.1 |
| FINES | comp=Z,5.8nm,0.6s,mb4.8,baz=81,slow=7.1,SNR=27 | | | P | 22 20 54.0 +0.3 |
| EIL | Ela | 58.59 288 | P | P | 22 20 53.6 -0.1 |
| EIL | comp=Z,4.7nm,0.8s,mb4.6,baz=44,slow=7.0,SNR=3.7 | | | P | 22 20 54.0 +0.3 |
| COEN | Coen | 58.87 134 | eP | P | 22 20 53.6 -0.1 |
| COEN | comp=Z,2.1nm,0.6s | | | P | 22 20 54.0 +0.3 |
| WRA | Warramunga Arr | 59.00 147 | P | P | 22 20 54.0 +0.3 |

| | | | | | |
|-------|--|-----------|----|---|-----------------|
| ASAR | Alice Springs | 62.03 149 | P | P | 22 21 15.2 0.0 |
| ASAR | comp=Z,2.9nm,0.7s,mb4.5,baz=336,slow=6.7,SNR=29 | | | P | 22 21 16.9 +0.2 |
| CRVS | Cervencia-Dubn | 62.28 312 | eP | P | 22 21 16.9 +0.2 |
| CRVS | comp=Z,2.9nm,0.7s,mb4.5,baz=336,slow=6.7,SNR=29 | | | P | 22 21 22.6 -0.3 |
| HFS | Hagfors | 63.25 326 | P | P | 22 21 29.4 +0.9 |
| HFS | comp=Z,2.2nm,0.5s,mb4.5,baz=101,slow=7.7,SNR=10 | | | P | 22 21 29.4 +0.9 |
| VYHS | Vyhne | 64.06 313 | eP | P | 22 21 29.4 +0.9 |
| VYHS | comp=Z,4.3nm,1.4s,mb4.3 | | | P | 22 21 29.4 +0.9 |
| VYHS | Vyhne | 64.06 313 | eP | P | 22 21 27.9 -0.8 |
| NB2 | NORSAR Subarra | 64.13 327 | P | P | 22 21 27.9 -0.7 |
| NB2 | comp=Z,0.2nm,0.6s,baz=76,slow=7.4 | | | P | 22 21 27.9 -0.7 |
| NOA | NORSAR Array B | 64.13 327 | P | P | 22 21 27.9 -0.7 |
| NOA | comp=Z,2.5nm,0.6s,mb4.3,baz=72,slow=6.8,SNR=8.2 | | | P | 22 21 27.9 -0.7 |
| NOA | NORSAR Array B | 64.13 327 | P | P | 22 21 31.1 +1.0 |
| KOLL | Kolacno | 64.31 313 | eP | P | 22 21 31.1 +1.0 |
| KOLL | comp=Z,2.5nm,0.6s,mb4.3,baz=72,slow=6.8,SNR=8.2 | | | P | 22 21 31.1 +1.0 |
| MORC | Moravsky Berou | 64.44 314 | eP | P | 22 21 31.1 +1.0 |
| MORC | comp=Z,3.9nm,1.0s,mb4.4 | | | P | 22 21 37.9 0.0 |
| CTA | Charters Tower | 65.47 136 | P | P | 22 21 37.9 0.0 |
| CTA | comp=Z,2.8nm,1.4s,mb5.1,baz=316,slow=7.0,SNR=4.3 | | | P | 22 21 38.0 +0.1 |
| CTA | Charters Tower | 65.47 136 | P | P | 22 21 38.0 +0.1 |
| CTA | comp=Z,3.2nm,0.5s,mb4.6 | | | P | 22 21 45.0 +0.1 |
| CLL | Collm | 66.61 317 | eP | P | 22 21 45.0 +0.1 |
| CLL | comp=Z,5.0nm,1.1s,mb4.5 | | | P | 22 21 46.4 +0.3 |
| COLD | Coldfoot | 66.84 24 | eP | P | 22 21 58.6 0.0 |
| COLD | comp=Z,4.8nm,1.0s,mb4.8 | | | P | 22 22 07.1 -1.2 |
| COLA | College | 68.80 26 | eP | P | 22 22 08.4 +0.3 |
| COLA | comp=Z,5.1nm,0.9s,mb4.5 | | | P | 22 22 08.4 +0.3 |
| OHAK | Old Harbor | 70.18 34 | P | P | 22 22 06.4 -1.2 |
| OHAK | comp=Z,3.1nm,0.6s,mb4.5,baz=314,slow=6.0,SNR=4.3 | | | P | 22 22 08.4 +0.3 |
| KDKA | Kodiak Island | 70.25 34 | P | P | 22 22 08.4 +0.3 |
| KDKA | comp=Z,3.1nm,0.6s,mb4.5,baz=314,slow=6.0,SNR=4.3 | | | P | 22 22 04.3 +0.3 |
| DAVOX | Davos-Dischmat | 70.31 313 | P | P | 22 22 14.3 +0.7 |
| DAVOX | comp=Z,3.9nm,0.6s,mb4.3,baz=303,slow=1.0,SNR=4.2 | | | P | 22 22 14.1 +0.5 |
| DAVOS | Davos-Dischmat | 70.31 313 | P | P | 22 22 14.1 +0.5 |
| DAVOS | comp=Z,3.9nm,0.6s,mb4.3,baz=303,slow=1.0,SNR=4.2 | | | P | 22 22 13.3 -0.4 |
| KMBO | Kilima Mbogo | 71.11 256 | P | P | 22 22 13.3 -0.4 |
| KMBO | comp=Z,7.3nm,1.3s,mb4.5 | | | P | 22 22 14.3 +0.7 |
| KMBO | Kilima Mbogo | 71.11 256 | eP | P | 22 22 14.3 +0.7 |
| KMBO | comp=Z,7.3nm,1.3s,mb4.5 | | | P | 22 22 14.3 +0.7 |
| EGAG | Eagle | 71.27 24 | eP | P | 22 22 14.3 +0.7 |
| EGAG | comp=Z,1.6nm,0.6s,mb4.1 | | | P | 22 22 14.3 +0.7 |
| INK | Inuvik | 71.51 19 | P | P | 22 22 14.3 +0.7 |
| INK | comp=Z,4.9nm,0.7s,mb4.5,baz=301,slow=5.8,SNR=7.0 | | | P | 22 22 14.7 -0.4 |
| | | | | | |

5d 2h

Table with columns: MONV, TURV, MERV, CAOY, BIRV, CUPV, Montecano, Turiamo, Las Mercedes, Caicara del Or, Birong, Cepira. Includes time and location data.

BGS 05 02:12:00.7-1.1, 53.52N-154.96E, h633km, mb6.5, MS6.7
KASC 05 02:12:01.1-0.6, 54.12N-152.20E, h594km, 18km, ML6.4
SZGRF 05 02:12:02.3, 53.73N-153.93E, h635km, mb7.5, Sea of Okhotsk

MOS 05 02:12:02.3-0.9, 53.92N-152.90E, h615km, mb6.9/122, MS6.5/10, Error ellipse: s-maj=7.5km s-min=4.6km az=97.1 Broadband fault plane solution: P waves. NP1: qs=154.00000, bs=2.00000, lambda=126.00000, NP2: qs=26.00000, bs=2.00000, lambda=152.00000. Principal axes: T P1g0.0000, N P1g29.0000, S P1g61.0000; Azm360.0000; P P1g61.0000; Azm360.0000

MOS Fault plane solution: P-wave C42, D307. Felt (III-IV) at Petropavlovsk-Kamchatskiy, (III) at Severo-Kuril'sk, (II-III) at Yuzhno-Sakhalinsk, Kholsk, Khabarovsk, Komsomol'sk-na-Amure, Ulegorsk, Shakhtersk, (II) at Okha.

BUI 05 02:12:03.3, 53.83N-152.95E, h636km, mb7.4/35, mb6.7/58

IDC 05 02:12:04.0, 53.91N-153.03E, h627km, 9km, mb5.9/27, mb1.5/29, mb1mx5.9/29, mbtmp5.8/29, Error ellipse: s-maj=7.2km s-min=5.9km az=136.0

NEIC 05 02:12:04.5, 53.88N-152.89E, h633km, 3km, mb6.8/263, ME7.5, MW7.7, MW7.7, Error ellipse: s-maj=6.6km s-min=1.8km az=182.0 Broadband fault plane solution: P waves. NP1: qs=23.00000, bs=0.00000, lambda=145.00000. NP2: qs=140.00000, bs=2.00000, lambda=141.00000. Principal axes: T P1g5.0000, N P1g0.0000, S P1g52.0000; Azm347.0000; Moment Tensor Solution. s134

Moment tensor: Scale 10^20 Nm; Mrr=-3.3; Mss=0.70; Mss=4.03; Mss=2.13; Mss=0.16; Mss=0.16; Best double couple: M4-3000x1020, NP1: qs=152.00000, bs=1.00000, lambda=129.00000. NP2: qs=24.00000, bs=53.00000, lambda=152.00000. Principal axes: T 4.0400, P1g0.0000, Azm88.0000; N 0.4900, P1g29.0000, Azm178.0000; P -4.5200, P1g60.0000, Azm356.0000; Depth from broadband displacement seismograms. Energy computed from BB mechanism.

NEIC Felt at Kiyuchi, Petropavlovsk-Kamchatskiy and Yuzhno-Sakhalinsk, Russia. Recorded [2 JMA] in eastern and northern Hokkaido, Japan. Also recorded [2 JMA] in Miyagi and [1 JMA] in Akita, Aomori, Iwate and Yamagata, Honshu.

ISCJB 05 02:12:04.5, 53.91N-152.92E, 0.02, h644km, mb6.6/523 Error ellipse: s-maj=1.9km s-min=1.2km az=169.9

DJA 05 02:12:05.5, 54.10N-153.05E, h650km, Mw7.2/27

GCMT 05 02:12:14.2, 54.12N-153.37E, h611km, 1km, MW7.7, Moment Tensor Solution. s121,c339; s99,c313; Moment tensor: Scale 10^20Nm; Mrr=3.26; Mss=0.77; Mss=0.2; Mss=4.03; Mss=2.18; Mss=0.16; Mss=0.16; Mss=0.16; Mss=0.16; Best double couple: M4.50000x1020, NP1: qs=143.00000, bs=0.00000, lambda=134.00000. NP2: qs=18.00000, bs=0.00000, lambda=152.00000. Principal axes: T 4.2400, P1g5.0000, Azm63.0000; N 0.4600, P1g3.0000, Azm176.0000; P -4.7200, P1g38.0000, Azm344.0000; Data Used: II UJ CN IC G. LP body wave period 50 sec. Mantle wave period 150 sec. Mantle waves from 119 sta.

ISC 05 02:12:06.1-0.1, 53.95N-152.86E, 0.02, h646km, h646km, 1.6km, mb6.6/520, c08/2492, mb6.6/520, 293C-863D, Sea of Okhotsk

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res. Includes entries for MIPR, PEA0B, PETK, GNL, GRP, ALID, INSR, AVH, PET, etc.

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res. Includes entries for MIPR, PEA0B, PETK, GNL, GRP, ALID, INSR, AVH, PET, etc.

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res. Includes entries for MIPR, PEA0B, PETK, GNL, GRP, ALID, INSR, AVH, PET, etc.

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Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res. Includes entries for MIPR, PEA0B, PETK, GNL, GRP, ALID, INSR, AVH, PET, etc.

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Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res. Includes entries for MIPR, PEA0B, PETK, GNL, GRP, ALID, INSR, AVH, PET, etc.

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res. Includes entries for MIPR, PEA0B, PETK, GNL, GRP, ALID, INSR, AVH, PET, etc.

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res. Includes entries for MIPR, PEA0B, PETK, GNL, GRP, ALID, INSR, AVH, PET, etc.

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Table with columns: KUR, comp=N, 3582um, 14.0s, smax. Includes entries for KUR, Yuzh-Sakhalins, Yuzh-Kuril'sk, etc.

Table with columns: YSS, YSS, YSS, comp=Z, 270um, 12.0s, smax. Includes entries for YSS, Yuzh-Sakhalins, Yuzh-Kuril'sk, etc.

Table with columns: YSS, YUK, YUK, comp=N, 6um, 0.8s, smax. Includes entries for YSS, Yuzh-Sakhalins, Yuzh-Kuril'sk, etc.

Table with columns: YUK, YUK, YUK, comp=Z, 17um, 13.5s, MLR. Includes entries for YUK, Yuzh-Sakhalins, Yuzh-Kuril'sk, etc.

Table with columns: YUK, YUK, YUK, comp=N, 175um, 12.0s, MLR. Includes entries for YUK, Yuzh-Sakhalins, Yuzh-Kuril'sk, etc.

Table with columns: YUK, YUK, YUK, comp=E, 233um, 17.0s, P. Includes entries for YUK, Yuzh-Sakhalins, Yuzh-Kuril'sk, etc.

Table with columns: YUK, YUK, YUK, comp=N, 5um, 0.9s, smax. Includes entries for YUK, Yuzh-Sakhalins, Yuzh-Kuril'sk, etc.

Table with columns: YUK, YUK, YUK, comp=N, 5um, 0.9s, smax. Includes entries for YUK, Yuzh-Sakhalins, Yuzh-Kuril'sk, etc.

Table with columns: YUK, YUK, YUK, comp=N, 5um, 0.9s, smax. Includes entries for YUK, Yuzh-Sakhalins, Yuzh-Kuril'sk, etc.

Table with columns: YUK, YUK, YUK, comp=N, 5um, 0.9s, smax. Includes entries for YUK, Yuzh-Sakhalins, Yuzh-Kuril'sk, etc.

Table with columns: YUK, YUK, YUK, comp=N, 5um, 0.9s, smax. Includes entries for YUK, Yuzh-Sakhalins, Yuzh-Kuril'sk, etc.

Table with columns: YUK, YUK, YUK, comp=N, 5um, 0.9s, smax. Includes entries for YUK, Yuzh-Sakhalins, Yuzh-Kuril'sk, etc.

Table with columns: YUK, YUK, YUK, comp=N, 5um, 0.9s, smax. Includes entries for YUK, Yuzh-Sakhalins, Yuzh-Kuril'sk, etc.

Table with columns: YUK, YUK, YUK, comp=N, 5um, 0.9s, smax. Includes entries for YUK, Yuzh-Sakhalins, Yuzh-Kuril'sk, etc.

Table with columns: YUK, YUK, YUK, comp=N, 5um, 0.9s, smax. Includes entries for YUK, Yuzh-Sakhalins, Yuzh-Kuril'sk, etc.

Table with columns: YUK, YUK, YUK, comp=N, 5um, 0.9s, smax. Includes entries for YUK, Yuzh-Sakhalins, Yuzh-Kuril'sk, etc.

Table with columns: YUK, YUK, YUK, comp=N, 5um, 0.9s, smax. Includes entries for YUK, Yuzh-Sakhalins, Yuzh-Kuril'sk, etc.

Table with columns: YUK, YUK, YUK, comp=N, 5um, 0.9s, smax. Includes entries for YUK, Yuzh-Sakhalins, Yuzh-Kuril'sk, etc.

Table with columns: YUK, YUK, YUK, comp=N, 5um, 0.9s, smax. Includes entries for YUK, Yuzh-Sakhalins, Yuzh-Kuril'sk, etc.

Table with columns: YUK, YUK, YUK, comp=N, 5um, 0.9s, smax. Includes entries for YUK, Yuzh-Sakhalins, Yuzh-Kuril'sk, etc.

Table with columns: CBJJ, Chichi jima, Beijing, 27.96 201, 28.27 256. Includes time and location data.

Table with columns: BJI, comp=Z, 390nm, 1.1s, mb5.8, smax, pmax. Includes entries for BJI, Indian Mountain, Irkutsk, etc.

Table with columns: BJI, comp=Z, 89um, 12.5s, smax, pmax. Includes entries for BJI, Indian Mountain, Irkutsk, etc.

Table with columns: BJI, comp=Z, 2um, 0.7s, mb6.7, smax, pmax. Includes entries for BJI, Indian Mountain, Irkutsk, etc.

Table with columns: BJI, comp=Z, 2um, 0.7s, mb6.7, smax, pmax. Includes entries for BJI, Indian Mountain, Irkutsk, etc.

Table with columns: BJI, comp=Z, 2um, 0.7s, mb6.7, smax, pmax. Includes entries for BJI, Indian Mountain, Irkutsk, etc.

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Table with columns: BJI, comp=Z, 2um, 0.7s, mb6.7, smax, pmax. Includes entries for BJI, Indian Mountain, Irkutsk, etc.

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Table with columns: BJI, comp=Z, 2um, 0.7s, mb6.7, smax, pmax. Includes entries for BJI, Indian Mountain, Irkutsk, etc.

Table with columns: BJI, comp=Z, 2um, 0.7s, mb6.7, smax, pmax. Includes entries for BJI, Indian Mountain, Irkutsk, etc.

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Table with columns: BJI, comp=Z, 2um, 0.7s, mb6.7, smax, pmax. Includes entries for BJI, Indian Mountain, Irkutsk, etc.

Table with columns: BJI, comp=Z, 2um, 0.7s, mb6.7, smax, pmax. Includes entries for BJI, Indian Mountain, Irkutsk, etc.

Table with columns: BJI, comp=Z, 2um, 0.7s, mb6.7, smax, pmax. Includes entries for BJI, Indian Mountain, Irkutsk, etc.

Table with columns: BJI, comp=Z, 2um, 0.7s, mb6.7, smax, pmax. Includes entries for BJI, Indian Mountain, Irkutsk, etc.

Table with columns: BJI, comp=Z, 2um, 0.7s, mb6.7, smax, pmax. Includes entries for BJI, Indian Mountain, Irkutsk, etc.

5d 2h

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Table with columns: ID, Name, Value, Unit, Status, Date, Time, and other details. Includes entries like AB31 Akbulak array, TAPN Taplejung, SLGI Shilguri, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, and other details. Includes entries like SCO comp=Z,62um,20.0s, E13A Victor, H10A Nos & Angus R, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, and other details. Includes entries like G15A Dillon, BOK Bokaro, J12A Stokes Ranch, etc.

| | | | | | | |
|------|---|-------|-----|----|---|-----------------|
| ELK | comp=Z,3um,0.9s,mb6.5 | 59.37 | 62 | ↑P | P | 02 21 09.0 +0.8 |
| ELK | Elko | 59.37 | 62 | ↑P | P | 02 21 09.0 +0.8 |
| ELK | comp=Z,172nm,0.6s | 59.37 | 62 | ↑P | P | 02 21 09.0 +0.8 |
| J16A | Bone | 59.38 | 58 | ↑P | P | 02 21 09.2 +1.0 |
| N12A | Clover Valley | 59.39 | 62 | ↑P | P | 02 21 09.5 +1.2 |
| N12A | Clover Valley | 59.39 | 62 | ↑P | P | 02 21 09.5 +1.2 |
| I17A | Pilgrim Ck | 59.42 | 56 | ↑P | P | 02 21 10.1 +1.6 |
| NVAR | Minia Array Bea | 59.42 | 66 | P | P | 02 21 09.3 +0.7 |
| NVAR | comp=Z,41nm,0.5s,baz=50,slow=23,SNR=2.8 | 59.42 | 66 | P | P | 02 23 14.3 +4.0 |
| NVAR | comp=Z,11nm,0.6s,baz=13,slow=27,SNR=2.0 | 59.42 | 66 | P | P | 02 28 32.6 +2.8 |
| NVAR | comp=Z,0.9nm,0.6s,baz=16,slow=28,SNR=2.6 | 59.42 | 66 | P | P | 02 21 09.7 +1.0 |
| LAO | LASA Array | 59.47 | 52 | ↑P | P | 02 21 09.0 +0.3 |
| RR12 | Red Ridge | 59.47 | 57 | ↑P | P | 02 21 09.4 +1.1 |
| M13A | Montello | 59.48 | 61 | ↑P | P | 02 21 09.6 +0.7 |
| M13A | Montello | 59.48 | 61 | ↑P | P | 02 21 09.3 +0.5 |
| KBL | Kabul | 59.48 | 288 | ↑P | P | 02 21 08.0 -1.0 |
| KBL | Kabul | 59.48 | 288 | ↑P | P | 02 21 08.0 -1.0 |
| P10A | Eureka | 59.54 | 64 | ↑P | P | 02 21 10.3 +1.0 |
| TPAW | Teton Pass | 59.55 | 57 | ↑P | P | 02 21 10.5 +1.2 |
| O11A | Cowboy Ranch | 59.59 | 63 | ↑P | P | 02 21 10.5 +0.9 |
| LOHW | Long Hollow | 59.53 | 57 | ↑P | P | 02 21 10.8 +0.9 |
| SNOW | Snow King Mtn | 59.57 | 67 | ↑P | P | 02 21 11.3 +1.2 |
| REDW | Red Top Meadow | 59.59 | 57 | ↑P | P | 02 21 11.3 +1.0 |
| K16A | Soda Springs | 59.71 | 58 | ↑P | P | 02 21 11.3 +0.9 |
| MLAC | Mammoth Lakes | 59.72 | 67 | ↑P | P | 02 21 11.8 +1.3 |
| J17A | Brown Place, J | 59.76 | 57 | ↑P | P | 02 21 11.7 +1.0 |
| M14A | Sheep Mountain | 59.79 | 60 | ↑P | P | 02 21 11.7 +0.7 |
| VSU | Vasula | 59.80 | 331 | ↑P | P | 02 21 10.5 -0.2 |
| VSU | Vasula | 59.80 | 331 | ↑P | P | 02 21 10.6 -0.1 |
| N13A | Wendover, West | 59.83 | 61 | ↑P | P | 02 21 11.8 +0.7 |
| N13A | Wendover, West | 59.83 | 61 | ↑P | P | 02 21 11.8 +0.6 |
| HVU | Hansel Valley | 59.88 | 60 | ↑P | P | 02 21 12.1 +0.6 |
| HVU | Hansel Valley | 59.88 | 60 | ↑P | P | 02 21 12.1 +0.6 |
| L15A | Malad City | 59.92 | 59 | ↑P | P | 02 21 12.2 +0.5 |
| I18A | Diamond G Ranch | 59.96 | 56 | ↑P | P | 02 21 13.2 +1.2 |
| P11A | Circle Ranch, | 59.97 | 63 | ↑P | P | 02 21 12.3 +0.2 |
| O12A | Currie | 59.97 | 62 | ↑P | P | 02 21 12.8 +0.7 |
| AHD | Auburn Hatcher | 60.01 | 58 | ↑P | P | 02 21 12.6 +0.3 |
| K17A | Gardner Place, | 60.11 | 58 | ↑P | P | 02 21 13.0 0.0 |
| BTM | Bintulu | 60.11 | 227 | P | P | 02 21 14.4 +0.9 |
| Q10A | Clear Creek Ra | 60.16 | 64 | ↑P | P | 02 21 13.9 +0.5 |
| J18A | Kendall Valley | 60.22 | 57 | ↑P | P | 02 21 14.2 +0.5 |
| M15A | Larsen Ranch, | 60.28 | 60 | ↑P | P | 02 21 14.5 +0.3 |
| N14A | Grayback Hills | 60.35 | 61 | ↑P | P | 02 21 15.1 +0.5 |
| BGU | Big Grassy Mou | 60.38 | 60 | ↑P | P | 02 21 15.3 +0.5 |
| L16A | Fish Haven | 60.39 | 59 | ↑P | P | 02 21 15.4 +0.6 |
| SPUT | South Promont | 60.40 | 60 | ↑P | P | 02 21 15.3 +0.4 |
| RCTC | Rector, Farmer | 60.46 | 68 | P | P | 02 21 15.2 -0.2 |
| TIN | Tinemaha | 60.47 | 67 | ↑P | P | 02 21 15.8 +0.4 |
| P12A | McGill | 60.47 | 63 | ↑P | P | 02 21 16.1 +0.7 |
| O13A | Hicks Ranch, I | 60.47 | 62 | ↑P | P | 02 21 16.3 +0.9 |
| APSI | Ampana | 60.48 | 217 | P | P | 02 21 15.5 -0.3 |
| MSAI | Masohi | 60.49 | 208 | P | P | 02 21 20.4 +4.6 |
| Q11A | Duckwater | 60.54 | 64 | ↑P | P | 02 21 16.2 +0.3 |
| R10A | Warm Springs | 60.60 | 65 | ↑P | P | 02 21 16.8 +0.5 |
| L17A | Cokeville | 60.61 | 58 | ↑P | P | 02 21 16.8 +0.5 |
| HWUT | Hardware Ranch | 60.63 | 59 | ↑P | P | 02 21 17.0 +0.6 |
| K18A | Toltan Ranch, | 60.63 | 57 | ↑P | P | 02 21 17.3 +0.9 |
| N15A | Stansbury Isla | 60.67 | 60 | ↑P | P | 02 21 17.1 +0.5 |
| MOL | Molde | 60.68 | 342 | ↑P | P | 02 21 15.8 -0.6 |
| S10A | Toponah Range, | 60.71 | 65 | ↑P | P | 02 21 17.2 +0.2 |
| BW06 | Boulder Array | 60.77 | 57 | ↑P | P | 02 21 17.6 +0.2 |
| BW06 | Boulder Array | 60.77 | 57 | ↑P | P | 02 21 17.5 +0.2 |
| PDAR | Pinedale Array | 60.77 | 57 | ↑P | P | 02 21 17.5 +0.2 |
| PDAR | comp=Z,632nm,0.5s,mb6.2,baz=327,slow=1.5,SNR=2485 | 60.77 | 57 | ↑P | P | 02 23 23.9 +4.0 |
| PDAR | comp=Z,259nm,1.0s,baz=353,slow=2.2,SNR=1.4 | 60.77 | 57 | ↑P | P | 02 50 27.1 |
| PDAR | comp=Z,22nm,0.9s,baz=180,slow=3.0,SNR=5.5 | 60.77 | 57 | ↑P | P | 02 50 36.9 |
| PDAR | comp=Z,62nm,1.0s,baz=174,slow=2.8,SNR=10 | 60.77 | 57 | ↑P | P | 02 21 17.5 +0.2 |
| PDAR | comp=Z,23.9 +0.2 | 60.77 | 57 | ↑P | P | 02 23 23.9 +0.2 |
| PDAR | comp=Z,27.1 | 60.77 | 57 | ↑P | P | 02 50 27.1 |
| PDAR | comp=Z,36.9 | 60.77 | 57 | ↑P | P | 02 50 36.9 |
| SMMC | Simmler | 60.77 | 69 | ↑P | P | 02 21 18.1 +0.6 |
| Q12A | Willow Creek R | 60.83 | 63 | ↑P | P | 02 21 18.6 +0.8 |
| NLAI | Namlea | 60.90 | 210 | P | P | 02 21 18.9 +0.3 |
| R11A | Troy Canyon, C | 60.94 | 64 | ↑P | P | 02 21 18.6 +0.2 |
| P13A | Bates Ranch, G | 60.95 | 62 | ↑P | P | 02 21 19.1 +0.5 |
| GRAC | Grapevine Rang | 60.97 | 66 | ↑P | P | 02 21 19.5 +0.8 |
| CWC | Cottonwood Cre | 61.00 | 67 | ↑P | P | 02 21 19.3 +0.4 |
| AAI | Ambon | 61.02 | 208 | P | P | 02 21 19.7 +0.4 |
| DUG | Dugway | 61.03 | 61 | ↑P | P | 02 21 19.7 +0.6 |
| DUG | Dugway | 61.03 | 61 | ↑P | P | 02 21 19.7 +0.6 |
| DUG | Dugway | 61.03 | 61 | ↑P | P | 02 21 19.7 +0.6 |
| DUG | Dugway | 61.03 | 61 | ↑P | P | 02 21 19.7 +0.6 |
| NOQ | North Oquirrh | 61.05 | 60 | ↑P | P | 02 21 19.7 +0.6 |
| VOR | Voronozh | 61.05 | 319 | ↑P | P | 02 21 19.0 0.0 |
| K19A | Absolon Red Bu | 61.08 | 56 | ↑P | P | 02 21 18.9 -0.4 |
| PCI | Palu | 61.12 | 218 | P | P | 02 21 20.0 0.0 |

| | | | | | | |
|-------|--|-------|-----|----|---|-----------------|
| O15A | The Old Anderson | 61.14 | 61 | ↑P | P | 02 21 20.5 +0.7 |
| SBUM | Sibu | 61.16 | 228 | P | P | 02 21 21.6 +1.3 |
| L18A | Fontelle, Gr | 61.16 | 58 | ↑P | P | 02 21 20.2 +0.3 |
| M17A | Scullys Gap (B | 61.18 | 58 | ↑P | P | 02 21 20.2 +0.2 |
| PKM | Peak Mountain | 61.18 | 70 | ↑P | P | 02 21 20.8 +0.7 |
| ULM | Comp Tracy | 61.21 | 60 | ↑P | P | 02 21 20.3 +0.1 |
| N16A | Rees Ranch, Co | 61.22 | 59 | ↑P | P | 02 21 20.9 +0.6 |
| ULM | Lac du Bonnet | 61.26 | 43 | ↑P | P | 02 21 19.3 -1.1 |
| ULM | comp=Z,536nm,0.4s,mb6.2,baz=322,slow=6.9,SNR=220 | 61.26 | 43 | ↑P | P | 02 23 23.3 +0.1 |
| ULM | comp=Z,244nm,0.6s,baz=43,slow=16,SNR=1.6 | 61.26 | 43 | ↑P | P | 02 28 55.2 +3.1 |
| ULM | comp=Z,458nm,1.0s,baz=218,slow=20,SNR=8.8 | 61.26 | 43 | ↑P | P | 02 50 33.3 |
| ULM | comp=Z,79nm,1.0s,baz=88,slow=1.3,SNR=7.5 | 61.26 | 43 | ↑P | P | 02 50 31.3 |
| ULM | comp=Z,75nm,0.9s,baz=45,slow=2.3,SNR=4.2 | 61.26 | 43 | ↑P | P | 02 50 31.3 |
| Q13A | Wheeler Ranch, | 61.32 | 63 | ↑P | P | 02 21 21.6 +0.7 |
| P14A | Drum Mountains | 61.34 | 61 | ↑P | P | 02 21 21.8 +0.7 |
| ISA | Isabella | 61.35 | 68 | ↑P | P | 02 21 20.5 -0.8 |
| ISA | Isabella | 61.35 | 68 | ↑P | P | 02 21 20.5 -0.8 |
| ISA | Isabella | 61.35 | 68 | ↑P | P | 02 21 20.5 -0.8 |
| L19A | Farson | 61.37 | 57 | ↑P | P | 02 21 21.2 0.0 |
| S11A | Rachel | 61.37 | 65 | ↑P | P | 02 21 21.8 +0.5 |
| NB2 | NORSAR Subarra | 61.38 | 340 | P | P | 02 21 20.9 -0.1 |
| NB2 | NORSAR Subarra | 61.38 | 340 | P | P | 02 21 20.9 -0.1 |
| NB2 | NORSAR Subarra | 61.38 | 340 | P | P | 02 21 20.9 -0.1 |
| NOA | NORSAR Array B | 61.38 | 340 | P | P | 02 21 20.6 -0.3 |
| NOA | comp=Z,16nm,1.0s,baz=202,slow=2.3,SNR=8.6 | 61.38 | 340 | P | P | 02 48 03.7 +0.7 |
| NOA | comp=Z,195nm,1.2s,baz=214,slow=2.5,SNR=6.9 | 61.38 | 340 | P | P | 02 50 36.1 |
| JLU | Jordanelle | 61.43 | 60 | ↑P | P | 02 21 22.0 +0.3 |
| K20A | Yellowstone Ra | 61.45 | 56 | ↑P | P | 02 21 21.0 -0.7 |
| VSR | Storozhevoye | 61.47 | 319 | ↑P | P | 02 21 21.4 -0.3 |
| VSR | Storozhevoye | 61.47 | 319 | ↑P | P | 02 23 24.8 +0.2 |
| VSR | Storozhevoye | 61.47 | 319 | ↑P | P | 02 33 13.1 +2.0 |
| VSR | comp=N,11um,1.6s | 61.47 | 319 | ↑P | P | 02 50 36.1 |
| VSR | comp=E,9um,1.6s | 61.47 | 319 | ↑P | P | 02 50 36.1 |
| VSR | comp=Z,13um,1.6s,mb6.9 | 61.47 | 319 | ↑P | P | 02 50 36.1 |
| VSR | comp=E,5um,1.6s | 61.47 | 319 | ↑P | P | 02 50 36.1 |
| VSR | comp=Z,11um,1.6s,mb6.8 | 61.47 | 319 | ↑P | P | 02 50 36.1 |
| VSR | comp=N,6um,0.8s | 61.47 | 319 | ↑P | P | 02 50 36.1 |
| VSR | comp=E,30um,2.8s | 61.47 | 319 | ↑P | P | 02 50 36.1 |
| VSR | comp=Z,14um,1.4s | 61.47 | 319 | ↑P | P | 02 50 36.1 |
| R12A | Pony Springs, | 61.47 | 63 | ↑P | P | 02 21 22.2 +0.3 |
| N17A | Moffitt Pass | 61.49 | 59 | ↑P | P | 02 21 22.0 0.0 |
| M18A | Lyman | 61.51 | 58 | ↑P | P | 02 21 22.4 +0.2 |
| ARVC | Arvin | 61.55 | 69 | ↑P | P | 02 21 21.9 -0.6 |
| BORG | Borgarnes | 61.55 | 357 | ↑P | P | 02 21 23.0 +1.0 |
| BORG | Borgarnes | 61.55 | 357 | ↑P | P | 02 50 20.8 |
| BORG | Borgarnes | 61.55 | 357 | ↑P | P | 02 50 32.6 |
| BORG | Borgarnes | 61.55 | 357 | ↑P | P | 02 21 23.6 +1.6 |
| BORG | Borgarnes | 61.55 | 357 | ↑P | P | 02 21 23.6 +1.6 |
| SBC | Santa Barbara | 61.57 | 70 | ↑P | P | 02 21 23.2 +0.5 |
| NLU | North Lily Mtn | 61.59 | 61 | ↑P | P | 02 21 23.1 +0.4 |
| MPMC | Manual Prospect | 61.60 | 67 | ↑P | P | 02 21 23.2 +0.4 |
| NAO01 | NORSAR Array S | 61.63 | 340 | P | P | 02 21 21.8 -0.7 |
| FURC | Furnace Creek, | 61.64 | 66 | ↑P | P | 02 21 23.5 +0.4 |
| DAU | Daniels Canyon | 61.67 | 60 | ↑P | P | 02 21 24.0 +0.8 |
| DAU | Daniels Canyon | 61.67 | 60 | ↑P | P | 02 21 24.0 +0.8 |
| HFS | Hagfors | 61.68 | 338 | ↑P | P | 02 48 02.4 -0.3 |
| Q14A | Sevier Lake (B | 61.68 | 62 | ↑P | P | 02 21 24.0 +0.7 |
| O16A | Springville | 61.69 | 60 | ↑P | P | 02 21 24.0 +0.7 |
| TLE | Tual | 61.73 | 203 | P | P | 02 21 25.0 +1.1 |
| P15A | Leamington | 61.77 | 61 | ↑P | P | 02 21 24.4 +0.6 |
| MPU | Maple Canyon | 61.77 | 60 | ↑P | P | 02 21 24.4 +0.5 |
| S12A | Delamar Landin | 61.88 | 64 | ↑P | P | 02 21 25.4 +0.8 |
| M19A | Reed Springs | 61.91 | 57 | ↑P | P | 02 21 24.5 -0.3 |
| R13A | O'Grain Ranch, | 61.92 | 63 | ↑P | P | 02 21 25.3 +0.5 |
| L2MC | Laurel Mountai | 61.92 | 68 | ↑P | P | 02 21 25.0 +0.1 |
| LRMO | Wamsutter | 61.94 | 57 | ↑P | P | 02 21 25.0 +0.1 |
| BSC | Santa Cruz Isl | 61.95 | 70 | ↑P | P | 02 21 25.0 -0.1 |
| T11A | Corn Creek, AI | 61.95 | 65 | ↑P | P | 02 21 25.5 +0.4 |
| U10A | Ash Meadows, A | 61.96 | 66 | ↑P | P | 02 21 25.8 +0.6 |
| OSI | Ostio Adit | 61.99 | 69 | ↑P | P | 02 21 25.7 +0.3 |
| OSI | Ostio Adit | 61.99 | 69 | ↑P | P | 02 21 25.5 +0.1 |
| FOO | Flores | 62.02 | 343 | ↑P | P | 02 21 22.9 -2.0 |
| FOO | Flores | 62.02 | 343 | ↑P | P | 02 29 01.5 +0.5 |
| N18A | Larsen Ranch, | 62.05 | 58 | ↑P | P | 02 21 25.4 -0.2 |
| P16A | Fountain Green | 62.06 | 61 | ↑P | P | 02 21 26.4 +0.7 |
| O17A | Robinson Place | 62.09 | 59 | ↑P | P | 02 21 26.2 +0.2 |
| Q15A | Fillmore | 62.14 | 61 | ↑P | P | 02 21 26.6 +0.3 |
| BLG | Laguna Peak | 62.18 | 70 | ↑P | P | 02 21 26.4 -0.2 |
| EDW2 | Edwards Air Fo | 62.20 | 68 | ↑P | P | 02 21 26.9 +0.2 |
| HYA | Hoyanger | 62.23 | 342 | ↑P | P | 02 21 26.8 +0.4 |
| HYA | Hoyanger | 62.23 | 342 | ↑P | P | 02 21 38.0 |
| HYA | Hoyanger | 62.23 | 342 | ↑P | P | 02 21 26.8 +0.4 |
| IZAR | Zarasai | 62.23 | 329 | ↑P | P | 02 21 26.9 +0.3 |
| IZAR | Zarasai | 62.23 | 329 | ↑P | P | 02 21 38.0 |
| AJM | Ajmer | 62.23 | 277 | ↑P | P | 02 21 26.8 -0.2 |

| | |
|------|----------------|
| R14A | James Farms, M |
|------|----------------|

5d 2h

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Table with columns for station name, frequency, power, and other technical details. Includes stations like RUND Rundenannen, BER Bergen, TTSI Tana Toraja, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MAK comp=N,19um,1.1s, MAK comp=Z,81um,23.0s, MAK comp=N,114um,19.0s, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Y14A Wickenburg, MYKOM Kota Tinggi, KGM Klang, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include QUIF, SGMF, ROSE, KIEV, etc.

IDC 05 04:14:34.8±0.7, 39°15'N:140°94'E, h0km, mb3.8/11, mb1 4.0/12, mb1mx3.8/24, mbtmp3.7/12, ML2/1, Error ellipse: s-maj=21.1km s-min=14.3km az=115.0

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

IDC 05 04:14:36.7±0.5, 39°12'N:140°97'E, h0km, mb3.8/11, mb2, ±0.90/39, mb3.8/13, 3D, Eastern Honshu

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

IDC 05 04:48:40.8±0.8, 31°94'N:104°66'E, h0km, mb3.9/8, mb1 3.9/11, mb1mx3.7/28, mbtmp3.8/11, ML4, 0/2, Error ellipse: s-maj=32.8km s-min=16.0km az=57.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CD2, XAN, WHN, etc.

comp=E, 0.3nm, 0.6s, mb3.4, baz=332, slow=5.6, SNR=3.2
IDC 05 05:01:25.1±1.3, 52°06'N:171°12'W, h0km, mb3.9/13, mb1 4.1/14, mb1mx3.9/30, mbtmp3.9/14, ML3.7/1, Error ellipse: s-maj=37.9km s-min=16.0km az=6.0

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

IDC 05 05:01:25.6±3.9, 52°02'N:171°20'W, 0.1, h4km, 25km, n23, ±104/25, mb3.9/14, Fox Islands

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

IDC 05 05:21:44.4±1.0, 39°06'N:140°95'E, h0km, mb4.0/9, mb1 4.1/10, mb1mx3.9/24, mbtmp4.0/10, ML3.4/2, Error ellipse: s-maj=29.8km s-min=16.8km az=89.0

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

IDC 05 05:21:46.1±0.5, 39°07'N:140°96'E, h0km, mb3.9/8, mb2, ±0.77/37, mb4.1/12, 1C-5D, Eastern Honshu

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

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

IDC 05 06:14:07.1±0.7, 1°81'S:138°51'E, h0km, mb4.4/10, mb1 4.7/12, mb1mx4.5/17, mbtmp4.5/12, ML5.1/2, Error ellipse: s-maj=31.2km s-min=11.3km az=87.0

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

IDC 05 06:14:09.0±2.9, 1°77'S:138°50'E, h35km, mb4.6/11, Error ellipse: s-maj=11.5km s-min=5.4km az=78.0

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

IDC 05 07:00:43.9±0.9, 31°61'N:102°04'19'E, h0km, mb4.1/9, mb4.5/53, MS4.2/2, Error ellipse: s-maj=4.2km s-min=4.0km az=151.8

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

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, GKN, WMO, KOLN, TLY, KRSR, IRK, CN2, GYA, KMI, MDJ, KSH, KURK, TIA, GZH, GZH, GZH, NJ2, NJ2, NJ2, NJ2, BJI, BJI, BJI, QIZ, QIZ, QIZ, CM31, CMAR, QZH, QZH, QZH, YHNB, SSSLB, PKI, PKIN, KKN, DMN

Table with columns: GKN, WMO, KOLN, TLY, KRSR, IRK, CN2, GYA, KMI, MDJ, KSH, KURK, TIA, GZH, GZH, GZH, NJ2, NJ2, NJ2, NJ2, BJI, BJI, BJI, QIZ, QIZ, QIZ, CM31, CMAR, QZH, QZH, QZH, YHNB, SSSLB, PKI, PKIN, KKN, DMN

Table with columns: ARCES, ARCES, KAF, KAF, KAF, KAF, AKASA, AKBA, FINES, WRAB, WRAB, WRAB, WRA, ASAR, CRVS, CRVS, VYHS, VYHS, NB2, NOA, NAO01, MORC, MORC, MORC, DPC, UPC, PRU, BRG, BRG, BRG, TTA, CLL, CLL, CLL, COLD, KHW, KHW, PPLA, COLA, COLA, PMR, PMR, PMR, PMR, KDAK, KMB0, KMB0, KMB0, CDF, CDF, CDF, EGAK, MENT, INK, INK, BMRM, DAWY, STKA, LPG, LPG, LPG, LPL, LPL, LPL, LPL, SMF, AVF, ANV, HCT, TCF, SKAG, YKA, YKA, FCC, NEW, NEW, QSPA, QSPA, QSPA, ROS, ROS, LPAZ

ISC/JB 05:07:04:51.3i:0.5, 14.84N:0.06:92.60W:0.04, h90km, 7km, Error ellipse: s-maj=1.1, 0km s-min=3.5km az=29.8
CASO 05:07:04:52.5i:1.8, 14.79N:92.55W, h79km, 21km, MD3.8
MEX 05:07:04:52.7i:1.2, 14.83N:92.44W, h96km, 10km, MD4.1
NEIC 05:07:04:52.7i:1.4, 14.88N:92.45W, h97km, MD4.1 (MEX), After MEX.
ISC 05:07:04:52.7i:0.5, 14.88N:0.06:92.57W:0.04, h83km, 8km, n26, c111/49, 1C, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth (A°), Azimuth Error (AZ'), Phase ID, Time (h:m:s), Residual (Res), and ISC. Lists seismic stations and their characteristics.

Table with columns: Station Code, Station Name, Azimuth (A°), Azimuth Error (AZ'), Phase ID, Time (h:m:s), Residual (Res), and ISC. Lists seismic stations and their characteristics.

Table with columns: Station Code, Station Name, Azimuth (A°), Azimuth Error (AZ'), Phase ID, Time (h:m:s), Residual (Res), and ISC. Lists seismic stations and their characteristics.

Station details for BOZ Bozeman (W) 44.50 331 eP P 07 52 00.8 0.0
MCMT McKenzie Canyo 44.51 329 eP P 07 52 00.7 -0.5
I13A Wildhorse Cree 44.53 328 uP P 07 52 01.4 0.0
H14A Leadore 44.63 329 uP P 07 53 21.9 -0.9
E17A Martinsdale 44.74 330 uP P 07 53 21.6 -2.2
DLMT Dillon 44.77 332 eP P 07 53 24.5 +0.5
D18A Linhart Farms, 44.83 334 uP P 07 53 23.7 -0.8
K11A Parker Ranch, 44.83 325 uP P 07 53 23.4 -1.1
I12A Atlanta 45.00 327 uP P 07 53 24.5 -1.4
LRM Dickelmin Ridge 45.02 331 eP P 07 53 26.9 +0.8
F15A Butte 45.06 331 uP P 07 53 24.8 -1.5
D17A Six Diamond Ra 45.19 333 uP P 07 53 26.0 -1.3
K10A MacKenzie Ranc 45.31 324 uP P 07 53 25.4 -2.9
H12A Diamond D Ranc 45.35 328 uP P 07 53 25.9 -2.7
D16A ... Ranch, Ca 45.49 332 uP P 07 53 27.5 -2.1
E15A Deer Lodge 45.55 331 uP P 07 53 26.9 -3.2
C17A Warram Farm, 45.59 334 uP P 07 53 29.0 -1.4
B18A Beardsley Farm 45.75 335 uP P 07 53 30.9 -0.9
F13A Darby 45.93 329 uP P 07 53 32.3 -0.9
D15A Lincoln 45.94 332 uP P 07 53 32.4 -0.8
E14A Clinton 45.95 331 uP P 07 53 31.6 -1.8
H11A Donnelly 46.07 327 uP P 07 53 32.3 -2.1
A18A Metzger Ranch, 46.19 335 uP P 07 53 34.7 -0.5
E13A Vicksburg, Mo 46.31 330 uP P 07 53 35.0 -1.2
F12A Elk City 46.38 329 uP P 07 53 35.7 -1.0
H10A Neosho Angus R 46.40 327 uP P 07 53 35.0 -1.8
M50 Missoula 46.40 331 uP P 07 53 36.9 -0.5
C15A Salmund Ranch, 46.52 332 uP P 07 53 36.7 -1.0
I09A Lost Marbles R 46.56 325 uP P 07 53 36.5 -1.6
B16A M & M Farms, S 46.59 334 uP P 07 53 36.2 -2.1
G11A Walters Elk Ra 46.67 328 uP P 07 53 37.1 -1.9
B15A Bradley Ranch, 46.90 333 uP P 07 53 39.2 -1.5
F11A Grandville 46.93 328 uP P 07 53 39.9 -1.2
E12A Beaver Dam Sad 46.99 329 uP P 07 53 38.4 -3.0
B14A Marquette Ranch 47.25 333 uP P 07 53 42.9 -0.6
A15A Johnson Ranch, 47.47 333 uP P 07 53 44.7 -0.4
A14A Double T Ranch 47.77 333 uP P 07 53 46.5 -1.0
B13A Whitefish 47.81 332 uP P 07 53 47.4 -0.4
KHMM Horse Mountain 48.48 318 uP P 07 53 54.4 +1.2
NEW Newport 49.02 330 eP P 07 53 56.3 -0.8
FCC Fort Churchill 50.80 352 eP P 07 54 10.1 -0.5
EDM Edmont 50.92 337 eP P 07 54 10.8 -0.7
YKA Yellowknife Ar 58.57 343 eP P 07 55 06.7 0.0
YKA Yellowknife Ar 58.57 343 P P 07 55 06.7 0.0
RES Resolute Bay 66.42 357 eP P 07 55 18.1 -1.0
INK Inuvik 68.26 342 eP P 07 56 58.4 +0.6
EGAK Eagle 69.14 337 eP P 07 56 16.5 +0.2
MENT Mentasta 69.42 335 eP P 07 56 20.1 +2.0
COLA College 71.82 336 eP P 07 56 32.3 -0.4
MCK McKinley 71.90 335 eP P 07 56 35.6 +2.4
COLD Coldfoot 73.48 338 eP P 07 56 44.2 +1.6
CHGN Chignik 74.95 326 eP P 07 56 51.3 0.0
ESDC Sonses Array 75.95 51 P P 07 56 58.6 +1.2
TORD Torodi Ar. Bea 82.71 78 P P 07 57 35.0 +0.1
CN2 Changchun 121.92 356 ePKP PKPpdf 08 04 06.4 +1.5
KSR5 Korea Array 125.94 330 PKP PKPpdf 08 04 12.0 -0.8
HHC Hu-ho-hao-te 129.06 346 ePKP PKPpdf 08 04 15.7 -3.0
HHC Hu-ho-hao-te 129.06 346 PP PKPpdf 08 06 26.3 +1.2
LZH Lanzhou 135.13 352 ePKP PKPpdf 08 04 30.5 +0.3
LZH Lanzhou 135.13 352 sPKP PKPpdf 08 04 44.2
CD2 Chengdu 140.23 351 PKP PKPpdf 08 04 39.3 -0.5
ASAR Alice Springs 141.88 242 PKP PKPpdf 08 04 40.2 -2.7
WRA Warramunga Arr 142.42 248 PKPKP PKPpdf 08 04 38.1
WRA comp=Z,0.7nm,0.8s,baz=111,slow=2.0,SNR=3.9 PPKP PKPpdf 08 04 42.4 -1.5
GUA Guiyang 146.98 346 ePKP PKPpdf 08 04 46.0 -0.6
GUA Guiyang 146.98 346 PP PKPpdf 08 04 58.7 +3.4
GUA Guiyang 146.98 346 PP PKPpdf 08 08 02.0 +3.3
KMI Kunming 146.06 351 PKPbc PKPpdf 08 04 48.5 -1.7
KMI Kunming 146.06 351 pPKP PKPpdf 08 05 02.1 +3.2
BUJ 05 07:48:59.2,36:72N,141:08E,h51km,mb5.1/27,mb5.0/53, Ms4.5/47, Ms7.4/40
NIED 05 07:49:00,36:70N,141:00E,h53km,Mw5.1 Best double couple: Ms5.25000,0.1018 NPl:Ms5.70000,0.877,0.00000,1.95,0.00000; NP2:Ms2.16,0.00000,0.814,0.00000,1.69,0.00000; ISCJB 05 07:49:02.0,0.1,36:59N,102:140,82E,0.02,149km,mb5.3/318,MS4.5/32, Error ellipse: s-maj=2.4km s-min=1.9km az=157.3
MOS 05 07:49:02.9,0.8,36:99N,140:74E,h45km,mb5.5/96,MS4.4/16, Error ellipse: s-maj=6.7km s-min=3.9km az=105.6
JMA 05 07:49:02.5,36:64N,140:95E,h50km,1km,MS.2 Broadband fault plane solution: P waves. NP1:Ms2.40,0.00000,0.831,0.00000,1.131,0.00000; NP2:Ms15.00000,0.867,0.00000,1.688,0.00000; Principal axes: T P1g2:0.00000, Azm251.00000; N P1g2:0.00000, Azm24.00000; P P1g2:0.00000, Azm121.00000; NEIC 05 07:49:02.6,36:64N,140:95E,h50km,mb5.2/188,Mw1.1(NIED), Arr-JMA NEIC Fwts (TOKYO). Recorded [5 JMA] in Ibaraki; [4 JMA] in Tochigi; [3 JMA] in Fukushima and Gumma; [2 JMA] in Chiba, Miyaqi, Saitama and Tokyo; [1 JMA] in Aomori, Iwate, Kanagawa, Nagano, Niigata, Shizuoka, Yamagata and Yamanashi.
IDC 05 07:49:03.0,0.6,36:63N,140:96E,h51km,mb4.9/26,mb1.5/29,mb1mx5.0/30,mbtmp4.9/29,MS4.5/13,MS1.4/51/13,ms1mx4.2/24, Error ellipse: s-maj=8.7km s-min=7.6km az=154.0
BGS 05 07:49:05.8,1.4,36:31N,139:55E,h33km,mb5.3 SZGRF 05 07:49:05.8,37:50N,141:50E,h51km,mb5.6, Near east coast of eastern Honshu, Japan
DJA 05 07:49:27,36:73N,140:69E,h287km,Mw5.4/13 ISC 05 07:49:03.8,0.1,36:67N,102:140,80E,0.02,h51km,

5d 7h

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Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like APSI Ampna, TNA Tin City, ZAAO Zalesovo Array, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like COEN Coen, COEN Coen, COEN Coen, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like JOF Joensuu, JOF Joensuu, JOF Joensuu, etc.

5d 7h

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Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes entries like GSC Goldstone, Q14A Sevier Lake, M17A Scullys Gap, etc.

Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes entries like BAR Lac du Bonnet, ULM Lac du Bonnet, ULM Lac du Bonnet, etc.

Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes entries like AGMN Agassiz Nation, PRU Pruhoine, U17A Shonto, etc.

| | | | |
|------------------------|-----------------------------|-------|-----------------|
| Z16A | Peralta Trail, 83.12 53 ↑P | P | 08 01 22.2 -2.1 |
| GRF | Grafenberg Arr 83.14 330 eP | P | 08 01 24.4 +0.4 |
| GRF | comp-Z,110nm,0.9s,mb5.9 | eSP | 08 01 42.9 -1.5 |
| GRF | Grafenberg Arr 83.14 330 eP | sP | 08 01 24.4 +0.4 |
| GRF | comp-Z,110nm,0.9s,mb5.9 | sPmax | 08 01 42.9 -1.5 |
| KAVA | comp-Z,110nm,0.9s,mb5.9 | P | 08 01 24.2 -0.1 |
| ARSA | Azberg 83.17 326↑P | P | 08 01 24.3 +0.2 |
| MMB | Musomiste 83.18 318 eP | P | 08 01 24.5 +0.1 |
| PGBU | Glenifferbraes 83.24 341 P | P | 08 01 23.7 -0.7 |
| PGBU | comp-Z,81nm,0.9s,mb5.7 | Amb | 08 01 26.5 |
| PGBU | Glenifferbraes 83.24 341↑eP | Amb | 08 01 23.7 -0.7 |
| PGBU | comp-Z,81nm,0.9s,mb5.7 | Amb | 08 01 26.5 |
| Y17A | Roosevelt 83.27 53 ↓P | P | 08 01 24.1 -0.8 |
| BUG | Bochum-Union 83.27 333 eP | P | 08 01 24.0 -0.6 |
| MOA | Molin 83.27 327↑P | P | 08 01 24.9 +0.2 |
| Q24A | Divide 83.29 46 ↑P | P | 08 01 25.2 +0.2 |
| X18A | Snowflake 83.30 52 ↑P | P | 08 01 25.2 +0.1 |
| EKA | Eskdalemuir Ar 83.31 340 P | P | 08 01 24.6 -0.2 |
| KKB | Krupnik 83.33 318 eP | P | 08 01 25.3 +0.1 |
| ESK | Eskdalemuir 83.33 340 P | Amb | 08 01 24.4 -0.5 |
| ESK | comp-Z,34nm,2.5s,mb4.9 | Amb | 08 01 25.4 |
| ESK | Eskdalemuir 83.33 340 eP | Amb | 08 01 24.4 -0.5 |
| ESK | comp-Z,34nm,2.5s,mb4.9 | Amb | 08 01 25.4 |
| ESK | Eskdalemuir 83.33 340 iP | P | 08 01 25.6 +0.7 |
| PRK | Paraskevi 83.37 315 P | P | 08 01 25.1 -0.3 |
| PRK | Paraskevi 83.37 315 P | P | 08 01 25.1 -0.3 |
| VEK | Brimhall 83.43 50 ↑P | P | 08 01 25.6 -0.1 |
| Z00A | Cauldaine Hill 83.43 340 P | P | 08 01 25.2 -0.2 |
| ECK | Cauldaine Hill 83.43 340↑P | P | 08 01 25.2 -0.2 |
| 116A | Eloy 83.43 54 ↑P | P | 08 01 25.7 -0.1 |
| YAL | Allendale 83.46 340 P | P | 08 01 25.2 -0.3 |
| XAL | Allendale 83.46 340 eP | P | 08 01 25.2 -0.3 |
| P25A | Willow Gulch B 83.48 45 ↑P | P | 08 01 25.6 -0.4 |
| U21A | Nageezi 83.49 49 ↓P | P | 08 01 26.0 -0.1 |
| Z22A | Edith 83.56 48 ↓P | P | 08 01 27.3 +0.9 |
| EYMN | Ely 83.71 32 eP | P | 08 01 26.0 -1.0 |
| Y18A | Canyon Day Jun 83.73 52 ↑P | P | 08 01 28.1 +0.8 |
| Z17A | San Carlos Hig 83.76 53 ↓P | P | 08 01 27.6 +0.1 |
| GROS | Gronnik 83.77 325 iP | P | 08 01 27.0 -0.3 |
| X19A | St Johns 83.78 51 ↓P | P | 08 01 28.0 +0.4 |
| R24A | Sanders Place, 83.80 46 ↓P | P | 08 01 27.8 +0.1 |
| TNS | Taunus Mts 83.81 331 eP | P | 08 01 27.3 -0.1 |
| SOKA | Soboth 83.82 326↑P | P | 08 01 27.5 0.0 |
| W20A | Raman 83.82 50 ↑P | P | 08 01 27.5 -0.3 |
| Q25A | Bedland, Calha 83.84 45 ↑P | P | 08 01 28.1 +0.3 |
| SDCO | Great Sand Dun 83.90 47 eP | P | 08 01 28.5 +0.4 |
| V21A | Milan 83.91 49 ↑P | P | 08 01 28.6 +0.3 |
| 216A | Three Points, 83.95 54 ↑P | P | 08 01 27.3 -1.2 |
| VAY | Valandovo 83.99 318 P | P | 08 01 27.8 -0.7 |
| VAY | Valandovo 83.99 318 P | P | 08 01 27.8 -0.7 |
| RJOB | Jochberg 84.00 328 eP | P | 08 01 28.7 +0.3 |
| U22A | Olaves 84.01 49 ↑P | P | 08 01 28.6 -0.1 |
| 117A | Oracle 84.06 54 ↓P | P | 08 01 28.7 -0.4 |
| T23A | Cassias Ranch, 84.06 48 ↑P | P | 08 01 29.8 +0.8 |
| CHOS | Chios island 84.07 314 P | P | 08 01 29.8 -0.2 |
| Y19A | Nutrisio 84.11 52 ↓P | P | 08 01 28.3 0.0 |
| SKO | Skopje 84.13 319 P | P | 08 01 30.4 +1.2 |
| SKO | Skopje 84.13 319 P | P | 08 01 30.4 +1.2 |
| GAL1 | Galloway 84.14 341 P | P | 08 01 28.7 -0.3 |
| GAL1 | comp-Z,76nm,2.6s,mb5.4 | Amb | 08 01 45.3 |
| GAL1 | Galloway 84.14 341↑eP | Amb | 08 01 28.7 -0.3 |
| GAL1 | comp-Z,76nm,2.6s,mb5.4 | Amb | 08 01 45.3 |
| S24A | Houchin Ranch, 84.17 47 ↓P | P | 08 01 29.9 +0.6 |
| TOD | Tromm 84.17 331 eP | P | 08 01 29.2 -0.1 |
| PLG | Polygyros 84.18 317 P | P | 08 01 29.2 -0.3 |
| PLG | Polygyros 84.18 317 P | P | 08 01 29.2 -0.3 |
| TUC | Tucos 84.19 54 eP | P | 08 01 29.9 +0.2 |
| TUC | comp-Z,16nm,1.4s,mb5.0 | sPmax | 08 01 29.9 +0.2 |
| TUC | Tucson 84.19 54 eP | P | 08 01 29.9 +0.2 |
| comp-Z,16nm,1.4s,mb5.0 | | | |
| X20A | Quemado 84.21 51 ↑P | P | 08 01 29.8 +0.1 |
| PLE | Pilevilj 84.21 321↑P | P | 08 01 29.9 +0.3 |
| PLE | Pilevilja 84.21 321↑P | P | 08 01 29.9 +0.3 |
| THE | Thessaloniki 84.26 317 P | P | 08 01 29.2 -0.7 |
| THE | Thessaloniki 84.26 317 P | P | 08 01 29.2 -0.7 |
| KBA | Koelnbreinsper 84.27 327↑P | P | 08 01 29.5 -0.3 |
| V22A | San Miguel Ran 84.28 49 ↓P | P | 08 01 30.2 0.0 |
| IVA | Berane 84.28 321↑P | P | 08 01 30.2 +0.2 |
| IVA | Berane 84.28 321↑P | P | 08 01 30.2 +0.2 |
| PKDS | Podkum 84.30 325 iP | P | 08 01 29.5 -0.6 |
| FUR | Furstedfeldbru 84.31 329 eP | P | 08 01 30.0 0.0 |
| PAIG | Paliouri 84.36 317 P | P | 08 01 29.8 -0.6 |
| PAIG | Paliouri 84.36 317 P | P | 08 01 29.8 -0.6 |
| BEBN | Eben Emael 84.39 333 P | P | 08 01 29.9 -0.4 |
| MEM | Membach 84.41 333 P | P | 08 01 30.4 -0.1 |
| ABH | Alteburg 84.43 332 eP | P | 08 01 30.2 -0.4 |
| U23A | El Rito 84.44 48 ↑P | P | 08 01 31.6 +0.7 |
| PVY | Plav 84.45 320↑P | P | 08 01 30.1 -0.7 |
| PVY | Plav 84.45 320↑P | P | 08 01 30.1 -0.7 |
| MYKA | Terra Mystica 84.48 327↑P | P | 08 01 30.1 -0.8 |
| PMOR | Pomariole Re 84.49 113 eT | | 09 34 12.1 |
| 118A | Homack Ranch, 84.51 53 ↑P | P | 08 01 31.6 +0.3 |
| ECSD | EROS Data Cent 84.51 38 eP | P | 08 01 30.3 -0.8 |
| 217A | Green Valley 84.52 54 ↑P | P | 08 01 31.6 +0.2 |
| LJU | Ljubljana 84.53 326 iP | P | 08 01 30.6 -0.6 |
| UPM | Unac-Piva 84.55 321 eP | P | 08 01 30.4 -0.9 |
| UPM | Unac-Piva 84.55 321 eP | P | 08 01 30.5 -0.8 |
| S25A | Robots Cordova 84.58 46 ↑P | P | 08 01 31.3 -0.3 |
| BOJS | Bojanci 84.60 325 iP | P | 08 01 31.1 -0.4 |
| KB1 | Birley Grange 84.67 338 P | P | 08 01 31.3 -0.5 |
| KB1 | Birley Grange 84.67 338↑eP | P | 08 01 31.3 -0.5 |
| KTD | Kalmit 84.68 331 eP | P | 08 01 31.6 -0.2 |
| STU | Stuttgart 84.68 330 eP | P | 08 01 31.7 -0.2 |
| STU | comp-Z,62nm,0.9s,mb5.9 | P | 08 01 32.0 +0.1 |
| STU | Stuttgart 84.68 330 eP | sPmax | 08 01 32.0 +0.1 |
| STU | comp-Z,74nm,0.9s,mb5.8 | P | 08 01 32.0 +0.2 |
| STU | Stuttgart 84.68 330 eP | P | 08 01 32.0 +0.2 |
| Y20A | Horse Springs, 84.70 51 ↑P | P | 08 01 32.8 +0.5 |
| X21A | Alamocita Cree 84.71 51 ↓P | P | 08 01 32.8 +0.5 |

| | | | |
|-------|--|-------|-----------------|
| PTCC | Patocco-Chinnai 84.78 327 P | P | 08 01 31.0 -1.4 |
| NKY | Niksic 84.78 327 iP | P | 08 01 31.9 -0.6 |
| NKY | Niksic 84.78 327 iP | P | 08 01 32.0 -0.5 |
| BCLA | Clavier 84.82 333 P | P | 08 01 32.3 -0.2 |
| V23A | Ortiz Mt. (NFS 84.83 49 ↓P | P | 08 01 33.5 +0.6 |
| 119A | Ashtek Ranch, 84.85 53 ↑P | P | 08 01 33.6 +0.5 |
| 218A | Dragon 84.89 54 ↓P | P | 08 01 33.0 -0.3 |
| PPT | Papeete 84.92 116 eLR | LR | 08 28 23.4 |
| PPT | comp-Z,1um,30.5s | eT | 09 34 45.5 |
| PPT | comp-Z,9.2nm,0.3s | | |
| PPT | Papeete 84.92 116 LR | LR | 08 34 28.1 |
| TTG | Podgorica 84.93 321 iP | P | 08 01 33.0 -0.3 |
| TTG | Podgorica 84.93 321 iP | P | 08 01 33.0 -0.2 |
| U24A | Moreno Valley 84.93 48 ↓P | P | 08 01 33.2 -0.2 |
| BRY | Bratogost 84.95 321 iP | P | 08 01 31.8 -1.6 |
| T25A | Trinidad 84.95 47 ↑P | P | 08 01 33.1 -0.4 |
| MOTA | Moosalm 85.02 328 iP | iP | 08 01 33.4 -0.2 |
| CWF | Charmwood Fe 85.05 338 P | Amb | 08 01 33.1 -0.6 |
| CWF | Charmwood Fe 85.05 338↑eP | Amb | 08 01 38.2 |
| CWF | comp-Z,48nm,2.4s,mb5.2 | Amb | 08 01 33.1 -0.6 |
| CWF | Charmwood Fe 85.05 338 iP | Amb | 08 01 33.2 -0.2 |
| RETA | Reutte 85.06 329 iP | iP | 08 01 33.7 -3.3 |
| LANF | Langenberg 85.06 331 eP | P | 08 01 33.7 -0.1 |
| Y21A | Point Rocks 85.07 51 ↓P | P | 08 01 33.2 -0.9 |
| TIAR | Tiarei 85.08 116 eT | | 09 34 57.3 |
| Z20A | Nine Sixteen R 85.08 52 ↑P | P | 08 01 33.7 -0.5 |
| OHR | Ohrd 85.08 319 P | P | 08 01 32.9 -1.1 |
| OHR | Ohrd 85.08 319 P | P | 08 01 32.9 -1.1 |
| SNF | Senefte 85.11 334 P | P | 08 01 33.6 -0.4 |
| WLF | Walfardange 85.13 332 P | P | 08 01 33.4 -0.7 |
| WLF | Walfardange 85.13 332 eP | P | 08 01 33.9 -0.2 |
| WLF | comp-Z,28nm,1.1s,mb5.1 | | |
| LAZ | Ladon 85.14 50 eP | P | 08 01 35.1 +0.6 |
| X22A | Bernardo 85.15 50 ↓P | eP | 08 01 49.2 -0.1 |
| ANMO | Albuquerque 85.19 49 iP | P | 08 01 34.5 0.0 |
| BUM | Brajici-Budva 85.21 321 iP | P | 08 01 34.5 +0.7 |
| BUM | Brajici-Budva 85.21 321 iP | P | 08 01 34.6 -0.1 |
| W23A | Werner Place, 85.24 49 ↓P | P | 08 01 34.8 -0.2 |
| GIVF | Givet 85.26 333 eP | P | 08 01 33.9 -0.8 |
| GIVF | comp-Z,24nm,0.7s,mb5.1 | sPmax | 08 01 33.9 -0.8 |
| GIVF | Givet 85.26 333 eP | sPmax | 08 01 33.9 -0.8 |
| GIVF | comp-Z,12nm,0.7s,mb5.1 | | |
| 318A | Bisbee 85.27 54 ↓P | P | 08 01 34.9 -0.3 |
| APE | Apeiranthos 85.27 313 ↑P | P | 08 01 34.1 -1.0 |
| APE | Apeiranthos 85.27 313 iP | P | 08 01 34.1 -1.0 |
| ULC | Ulcinj 85.27 320 iP | P | 08 01 34.9 -0.1 |
| ULC | Ulcinj 85.27 320 iP | P | 08 01 35.0 0.0 |
| HCY | Herceg Novi 85.30 321 iP | P | 08 01 34.2 -0.9 |
| HCY | Herceg Novi 85.30 321 iP | P | 08 01 34.2 -0.9 |
| DOU | Dourtes 85.35 333 P | P | 08 01 34.6 -0.3 |
| WPMI | Penmaenmawr 85.35 340 P | P | 08 01 35.1 0.0 |
| WPMI | Penmaenmawr 85.35 340 eP | P | 08 01 35.1 0.0 |
| BFO | Black Forest 85.38 330 eP | P | 08 01 35.1 -0.3 |
| BFO | comp-Z,69nm,0.9s,mb5.6 | | |
| BFO | Black Forest 85.38 330 eP | sPmax | 08 01 34.7 -0.7 |
| BFO | comp-Z,62nm,0.9s,mb5.7 | | |
| BFO | Black Forest 85.38 330 eP | P | 08 01 34.7 -0.7 |
| SPAK | Spaichinghen 85.38 330 eP | P | 08 01 35.2 -0.2 |
| 219A | White Tail Can 85.38 53 ↓P | P | 08 01 35.3 -0.4 |
| V24A | Rampart Ranch, 85.39 48 ↓P | P | 08 01 36.0 +0.3 |
| TIR | Tirane 85.40 320 P | P | 08 01 35.5 -0.1 |
| TIR | Tirane 85.40 320 P | P | 08 01 35.5 -0.1 |
| 120A | U Bar Ranch, L 85.42 52 ↓P | P | 08 01 35.8 -0.1 |
| FETA | Feichten 85.44 328 iP | iP | 08 01 35.4 -0.3 |
| NEST | Nestorio 85.44 318 P | P | 08 01 35.2 -0.7 |
| U25A | Circle Dot Ran 85.45 47 ↓P | P | 08 01 36.0 0.0 |
| BAIF | Baives 85.52 334 eP | P | 08 01 35.3 -0.7 |
| BAIF | Baives 85.52 334 eP | P | 08 01 35.3 -0.7 |
| BAIF | comp-Z,13nm,0.8s,mb5.2 | sPmax | 08 01 35.3 -0.7 |
| BAIF | Baives 85.52 334 eP | P | 08 01 35.3 -0.7 |
| Z21A | St. Cloud Mine 85.53 51 ↑P | P | 08 01 35.1 -1.4 |
| Y22A | Socorro 85.56 51 ↓P | P | 08 01 36.8 +0.2 |
| DAVA | Damuels 85.58 329 iP | iP | 08 01 36.3 -0.1 |
| ANAL | Annals 85.58 329 iP | iP | 08 01 35.5 -1.1 |
| BTM | Barren Site 85.62 50 P | P | 08 01 37.3 +0.4 |
| LKR | Lokris 85.62 316 P | P | 08 01 35.6 -1.2 |
| LKR | Lokris 85.62 316 P | P | 08 01 35.6 -1.2 |
| W24A | Lazy R Ranch, 85.66 49 ↓P | P | 08 01 37.5 +0.4 |
| V25A | Rancho No Teng 85.71 48 ↑P | P | 08 01 37.3 0.0 |
| CDF | Champ du Feu 85.72 331 eP | P | 08 01 36.6 -0.5 |
| CDF | Champ du Feu 85.72 331 eP | P | 08 01 36.6 -0.5 |
| CDF | comp-Z,45nm,0.9s,mb5.7 | sPmax | 08 01 36.6 -0.5 |
| CDF | Champ du Feu 85.72 331 eP | P | 08 01 36.6 -0.5 |
| YRE | Yr Eiff 85.74 340 P | P | 08 01 36.8 -0.3 |
| YRE | Yr Eiff 85.74 340 eP | P | 08 01 36.8 -0.3 |
| 319A | Douglas 85.77 54 ↓P | P | 08 01 36.6 -1.1 |
| SCHO | Schefferville 85.82 16 P | P | 08 01 37.6 +0.1 |
| SCHO | comp-Z,23nm,0.8s,mb5.5,baz=9.2,slow=5.2,SNR=26 | | |
| SCHO | Schefferville 85.82 16 eP | P | 08 01 37.6 +0.1 |
| U26A | Atcey Ranch, 85.85 47 ↑P | P | 08 01 37.4 -0.5 |
| FELD | Feldberg im Sc 85.87 330 eP | P | 08 01 37.5 -0.3 |
| 220A | Playas Peak, P 85.91 53 eP | P | 08 01 38.3 -0.1 |
| ECH | Echery 85.93 331 eP | P | 08 01 37.3 -0.8 |
| ECH | Echery 85.93 331 eP | P | 08 01 37.1 -1.0 |
| ECH | comp-Z,38nm,0.9s,mb5.6 | sPmax | 08 01 37.1 -1.0 |
| ECH | Echery 85.93 331 eP | P | 08 01 37.1 -1.0 |
| 121A | Cookes Peak, D 85.97 52 ↓P | P | 08 01 38.2 -0.5 |
| DAVOX | Davos/Dischmat 85.98 329 P | P | 08 01 38.2 -0.2 |
| DAVOX | comp-Z,15nm,0.9s,mb5.2,baz=12,slow=3.7,SNR=16 | | |
| 222A | Elephant Butte 86.01 51 ↑P | P | 08 01 38.7 -0.1 |
| X24A | Lazy VL Ranch, 86.08 49 ↓P | P | 08 01 38.8 -0.3 |
| Y23A | Lovelace Mesa, 86.12 50 ↓P | P | 08 01 37.9 -1.5 |
| MCH1 | Michaelchurch 86.20 339 P | P | 08 01 38.9 -0.5 |
| MCH1 | comp-Z,101nm,1.9s,mb5.7 | Amb | 08 01 53.1 |
| MCH1 | Michaelchurch 86.20 339 eP | Amb | 08 01 38.9 -0.5 |
| MCH1 | comp-Z,101nm,1.9s,mb5.7 | Amb | 08 01 53.1 |
| MEH | Mehetia 86.21 115 eT | | 09 36 21.9 |

| | | | |
|-------------------|----------------------------|---|-----------------|
| comp-Z,142nm,0.2s | | | |
| HTR | Trewhen Hill 86.21 339 P | P | 08 01 39.4 0.0 |
| HTR | Trewhen Hill 86.21 339 iP | P | 08 01 39.4 0.0 |
| W25A | X Bar L Ranch, 86.22 48 ↓P | P | 08 01 39.7 -0.2 |
| V26A | Tequesquite Ra 86.23 47 ↑P | | |

Table with columns: Station Name, Frequency, Power, and other parameters. Includes stations like Montbardon, Bois d'Angland, Saint Agoulin, etc.

Table with columns: Code, Station Name, Frequency, Power, and other parameters. Includes stations like Saint Thomas, Warramunga Arr, etc.

Table with columns: Code, Station Name, Frequency, Power, and other parameters. Includes stations like Balcova, Warramunga Arr, etc.

INMG 05:09:25:27.6:1.2,37:01N-2:48W,h1km,2km,ML3.1, Error ellipse: s-maj=2.2km s-min=1.9km az=124.0 LDG 05:09:25:27.3:0.2,36:93N-2:47W,h2km,ML2.8/4, Error ellipse: s-maj=3.3km s-min=2.1km az=153.0

NEIC 05:09:25:27.3,36:98N-2:48W,h0km, MN3.2(MDD), After MDD.

CNRM 05:09:25:35.5,36:48N-2:59W,h30km,MD3.6 ISC 05:09:25:26.1-0.3,37:01N-2:51W:0.02,h5km,2km, n303,144/525,8C-8D,Spain

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time h:m:s, Res ISC. Rows include stations like ENIJ Nijar, EBER Berja, EGUA Guajares, etc.

Table with columns: EBAN, Station Name, Az, Phase ID, ISC, Time h:m:s, Res ISC. Rows include stations like EBAN Banos Encina, EMEL Mellilla, ETOB Tobarra, etc.

Table with columns: ESDR, Station Name, Az, Phase ID, ISC, Time h:m:s, Res ISC. Rows include stations like ESDR 244nm,1.2s,SNR=7.9, ESDC Sonseca Array, etc.

| | | | | | | | |
|-------|---------------------|------|-----|-----|----|------------|------|
| GUD | 95nm,0.5s,SNR=7.9 | 3.85 | 341 | Pn | Pn | 09 26 28.0 | +2.2 |
| EGRO | 7.2nm,0.5s,SNR=7.9 | 4.00 | 279 | Pn | Pg | 09 26 30.2 | +2.2 |
| EGRO | El Granado | | | Pg | Pg | 09 26 42.2 | +0.6 |
| EGRO | 1.0nm,0.1s,SNR=7.9 | | | Pg | Pg | 09 26 15.3 | +0.2 |
| EGRO | 6.8nm,0.5s,SNR=6.3 | 4.00 | 279 | Pn | Pg | 09 27 36.2 | |
| EGRO | 1.0nm,0.1s,SNR=7.9 | | | Pg | Pg | 09 26 30.2 | +2.2 |
| EGRO | 2.4nm,0.2s,SNR=7.9 | | | Pg | Pg | 09 26 41.3 | -1.4 |
| EGRO | 50nm,0.6s,SNR=7.9 | | | Lg | Lg | 09 27 15.3 | +0.2 |
| EGRO | 6.8nm,0.5s,SNR=6.3 | 4.00 | 279 | Pn | Pn | 09 26 30.2 | +2.2 |
| EGRO | 1.0nm,0.1s,SNR=7.9 | | | Pg | Pg | 09 26 41.3 | -1.4 |
| EGRO | 2.4nm,0.2s,SNR=7.9 | | | Pn | Pn | 09 27 15.3 | +0.2 |
| EGRO | 50nm,0.6s,SNR=7.9 | | | Lg | Lg | 09 27 36.2 | |
| EGRO | 6.8nm,0.5s,SNR=6.3 | 4.00 | 279 | Pn | Pn | 09 26 30.2 | +2.2 |
| EPLA | Plasencia | 4.14 | 319 | Pn | Pn | 09 26 31.3 | +1.4 |
| EPLA | 5.4nm,0.4s,SNR=7.9 | | | Pg | Pg | 09 26 44.6 | -0.8 |
| EPLA | 7.1nm,0.3s,SNR=7.9 | | | Pn | Pn | 09 27 18.9 | +0.3 |
| EPLA | 232nm,1.3s,SNR=7.1 | | | Lg | Lg | 09 27 39.5 | |
| EPLA | 4.3nm,0.3s,SNR=10.0 | 4.14 | 319 | Pn | Pn | 09 26 31.3 | +1.4 |
| EPLA | 5.4nm,0.4s,SNR=7.9 | | | Pg | Pg | 09 26 44.6 | -0.8 |
| EPLA | 7.1nm,0.3s,SNR=7.9 | | | Pn | Pn | 09 27 18.9 | +0.3 |
| EPLA | 232nm,1.3s,SNR=7.1 | | | Lg | Lg | 09 27 39.5 | |
| EPLA | 4.3nm,0.3s,SNR=10.0 | 4.14 | 319 | Pn | Pn | 09 26 31.3 | +1.4 |
| EPLA | 5.4nm,0.4s,SNR=7.9 | | | Pg | Pg | 09 26 44.6 | -0.8 |
| EPLA | 7.1nm,0.3s,SNR=7.9 | | | Pn | Pn | 09 27 18.9 | +0.3 |
| EPLA | 232nm,1.3s,SNR=7.1 | | | Lg | Lg | 09 27 39.5 | |
| PVAQ | Vaqueiros | 4.17 | 277 | ePn | Pn | 09 26 31.8 | +1.4 |
| PVAQ | 17nm,0.6s | | | eSs | Pn | 09 27 18.7 | -0.8 |
| PVAQ | 17nm,0.6s | | | eSg | Pn | 09 27 42.4 | +2.2 |
| PVAQ | 17nm,0.6s | 4.17 | 277 | Pn | Pn | 09 26 31.8 | +1.4 |
| PVAQ | 17nm,0.6s | | | Pn | Pn | 09 27 18.7 | -0.8 |
| PVAQ | 17nm,0.6s | | | Lg | Lg | 09 27 42.4 | +2.2 |
| PVAQ | 17nm,0.6s | 4.17 | 277 | ePn | Pn | 09 26 31.8 | +1.4 |
| PVAQ | 17nm,0.6s | | | eSs | Pn | 09 27 18.7 | -0.8 |
| PVAQ | 17nm,0.6s | | | eSg | Pn | 09 27 42.4 | +2.2 |
| PBDV | Barranco-do-Ve | 4.34 | 275 | ePn | Pn | 09 26 34.6 | +2.0 |
| PBDV | 35nm,0.7s | | | eSs | Pn | 09 27 22.3 | -1.2 |
| PBDV | 35nm,0.7s | | | eSg | Pn | 09 27 44.0 | |
| PBDV | 35nm,0.7s | 4.34 | 275 | Pn | Pn | 09 26 34.6 | +2.0 |
| PBDV | 35nm,0.7s | | | Pn | Pn | 09 27 22.3 | -1.2 |
| PBDV | 35nm,0.7s | | | Lg | Lg | 09 27 44.0 | |
| PBDV | 35nm,0.7s | 4.34 | 275 | ePn | Pn | 09 26 34.6 | +2.0 |
| PBDV | 35nm,0.7s | | | eSs | Pn | 09 27 22.3 | -1.2 |
| PBDV | 35nm,0.7s | | | eSg | Pn | 09 27 44.0 | |
| PBEJ | Beja | 4.38 | 285 | ePn | Pn | 09 26 35.3 | +2.2 |
| PBEJ | 16nm,0.5s | | | eSg | Pn | 09 27 44.3 | -2.3 |
| PBEJ | 16nm,0.5s | 4.38 | 285 | Pn | Pn | 09 26 35.3 | +2.2 |
| PBEJ | 16nm,0.5s | | | Pn | Pn | 09 27 44.3 | -2.3 |
| PBEJ | 16nm,0.5s | 4.38 | 285 | ePn | Pn | 09 26 35.3 | +2.2 |
| PBEJ | 16nm,0.5s | | | eSg | Pn | 09 27 44.3 | -2.3 |
| PESTR | Estremoz | 4.42 | 296 | ePn | Pn | 09 26 35.5 | +1.7 |
| PESTR | 47nm,0.5s | | | eSs | Pn | 09 27 24.7 | -0.9 |
| PESTR | 47nm,0.5s | | | eSg | Pn | 09 27 46.1 | -2.0 |
| PESTR | 47nm,0.5s | 4.42 | 296 | Pn | Pn | 09 26 35.5 | +1.7 |
| PESTR | 47nm,0.5s | | | Pn | Pn | 09 27 24.7 | -0.9 |
| PESTR | 47nm,0.5s | | | Lg | Lg | 09 27 46.1 | -2.0 |
| PESTR | 23nm,0.5s | 4.42 | 296 | ePn | Pn | 09 26 35.5 | +1.7 |
| PESTR | 23nm,0.5s | | | eSs | Pn | 09 27 24.7 | -0.9 |
| PESTR | 23nm,0.5s | | | eSg | Pn | 09 27 46.1 | -2.0 |
| PESTR | 23nm,0.5s | 4.42 | 296 | Pn | Pn | 09 26 35.5 | +1.7 |
| PESTR | 23nm,0.5s | | | Pn | Pn | 09 27 24.7 | -0.9 |
| PESTR | 23nm,0.5s | | | Lg | Lg | 09 27 46.1 | -2.0 |
| PCVE | Castro Verde | 4.45 | 280 | ePn | Pn | 09 26 36.1 | +2.0 |
| PCVE | 16nm,0.7s | | | eSs | Pn | 09 27 27.9 | +1.6 |
| PCVE | 16nm,0.7s | | | eSg | Pn | 09 27 48.6 | -0.4 |
| PCVE | 16nm,0.7s | 4.45 | 280 | Pn | Pn | 09 26 36.1 | +2.0 |
| PCVE | 16nm,0.7s | | | Pn | Pn | 09 27 27.9 | +1.6 |
| PCVE | 16nm,0.7s | | | Lg | Lg | 09 27 48.6 | -0.4 |
| PCVE | 16nm,0.7s | 4.45 | 280 | ePn | Pn | 09 26 36.1 | +2.0 |
| PCVE | 16nm,0.7s | | | eSs | Pn | 09 27 27.9 | +1.6 |
| PCVE | 16nm,0.7s | | | eSg | Pn | 09 27 48.6 | -0.4 |
| CZD | Col de Zad | 4.48 | 208 | Pn | Pn | 09 26 38.0 | +3.5 |
| CZD | 1.0nm,0.1s,SNR=7.9 | | | Pn | Pn | 09 27 26.0 | -1.0 |
| CZD | 1.0nm,0.1s,SNR=7.9 | 4.48 | 208 | Pn | Pn | 09 26 38.0 | +3.5 |
| CZD | 1.0nm,0.1s,SNR=7.9 | | | Pn | Pn | 09 27 26.0 | -1.0 |
| CZD | 1.0nm,0.1s,SNR=7.9 | 4.48 | 208 | eP | Pn | 09 26 38.0 | +3.5 |
| ERTA | Horta de San J | 4.52 | 28 | Pn | Pn | 09 26 35.1 | 0.0 |
| ERTA | 2.7nm,0.4s,SNR=7.9 | 4.52 | 28 | Pn | Pn | 09 26 35.1 | 0.0 |
| ERTA | 2.7nm,0.4s,SNR=7.9 | | | Pn | Pn | 09 27 27.1 | -0.8 |
| ERTA | 2.7nm,0.4s,SNR=7.9 | | | Lg | Lg | 09 27 51.4 | |
| ERTA | 2.7nm,0.4s,SNR=7.9 | 4.52 | 28 | Pn | Pn | 09 26 35.1 | 0.0 |
| ERTA | 2.7nm,0.4s,SNR=7.9 | | | Pn | Pn | 09 27 27.1 | -0.8 |
| ERTA | 2.7nm,0.4s,SNR=7.9 | | | Lg | Lg | 09 27 51.4 | |
| ERTA | 2.7nm,0.4s,SNR=7.9 | 4.52 | 28 | Pn | Pn | 09 26 37.8 | +2.5 |
| PMRV | Marv??o | 4.54 | 304 | ePn | Pn | 09 26 51.0 | -2.0 |
| PMRV | 41nm,0.5s | 4.54 | 304 | ePn | Pn | 09 26 51.0 | -2.0 |
| PMRV | 41nm,0.5s | | | eSs | Pn | 09 27 28.0 | -0.4 |
| PMRV | 41nm,0.5s | | | eSg | Pn | 09 27 50.2 | -1.6 |
| PMRV | 41nm,0.5s | 4.54 | 304 | Pn | Pn | 09 26 37.8 | +2.5 |
| PMRV | 41nm,0.5s | | | Pn | Pn | 09 26 51.0 | -2.0 |
| PMRV | 41nm,0.5s | | | Lg | Lg | 09 27 28.0 | -0.4 |
| PMRV | 41nm,0.5s | | | Lg | Lg | 09 27 50.2 | -1.6 |

| | | | | | | | |
|------|--------------------|------|-----|-----|----|------------|------|
| PMRV | Marv??o | 4.54 | 304 | Pn | Pn | 09 26 37.8 | +2.5 |
| PMRV | 41nm,0.5s | | | Pg | Pg | 09 26 51.0 | -2.0 |
| PMRV | 41nm,0.5s | | | Sn | Sn | 09 27 28.0 | -0.4 |
| PMRV | 41nm,0.5s | 4.54 | 304 | ePn | Pn | 09 27 50.2 | -1.6 |
| PMRV | 41nm,0.5s | 4.54 | 304 | ePn | Pn | 09 26 37.8 | +2.5 |
| PMRV | 41nm,0.5s | | | ePn | Pn | 09 26 51.0 | -2.0 |
| PMRV | 41nm,0.5s | | | eSs | Pn | 09 27 28.0 | -0.4 |
| PMRV | 41nm,0.5s | | | eSg | Pn | 09 27 50.2 | -1.6 |
| EVO | Evora | 4.62 | 291 | ePn | Pn | 09 26 38.0 | +1.6 |
| EVO | 41nm,0.5s | 4.62 | 291 | ePn | Pn | 09 26 54.8 | +0.3 |
| EVO | 41nm,0.5s | | | eSs | Pn | 09 27 30.3 | -0.1 |
| EVO | 41nm,0.5s | | | eSg | Pn | 09 27 55.2 | +0.9 |
| EVO | 40nm,0.5s | 4.62 | 291 | ePn | Pn | 09 26 35.5 | -0.9 |
| EVO | 40nm,0.5s | | | eSs | Pn | 09 27 28.8 | -1.6 |
| EVO | 40nm,0.5s | | | eSg | Pn | 09 27 52.8 | -1.5 |
| EVO | 40nm,0.5s | 4.62 | 291 | Pn | Pn | 09 26 35.5 | -0.9 |
| EVO | 40nm,0.5s | | | Pn | Pn | 09 27 28.8 | -1.6 |
| EVO | 40nm,0.5s | | | Lg | Lg | 09 27 52.8 | -1.5 |
| EVO | 23nm,0.8s | 4.62 | 291 | ePn | Pn | 09 26 41.2 | +2.0 |
| EVO | 23nm,0.8s | | | eSs | Pn | 09 27 34.5 | -0.8 |
| EVO | 23nm,0.8s | | | eSg | Pn | 09 27 59.5 | -1.2 |
| EVO | 23nm,0.8s | 4.62 | 291 | ePn | Pn | 09 26 41.2 | +2.0 |
| EVO | 23nm,0.8s | | | eSs | Pn | 09 27 34.5 | -0.8 |
| EVO | 23nm,0.8s | | | eSg | Pn | 09 27 59.5 | -1.2 |
| PCBR | Castelo Branco | 4.82 | 307 | ePn | Pn | 09 26 41.2 | +2.0 |
| PCBR | 16nm,0.8s | | | eSs | Pn | 09 27 34.5 | -0.8 |
| PCBR | 16nm,0.8s | | | eSg | Pn | 09 27 59.5 | -1.2 |
| PCBR | 16nm,0.8s | 4.82 | 307 | ePn | Pn | 09 26 41.2 | +2.0 |
| PCBR | 16nm,0.8s | | | eSs | Pn | 09 27 34.5 | -0.8 |
| PCBR | 16nm,0.8s | | | eSg | Pn | 09 27 59.5 | -1.2 |
| MOE | Montemor | 4.87 | 290 | ePn | Pn | 09 26 43.7 | +3.8 |
| MOE | 33nm,0.8s | | | eSs | Pn | 09 28 02.6 | +0.2 |
| MOE | 33nm,0.8s | | | eSg | Pn | 09 28 02.6 | +0.2 |
| MOE | 33nm,0.8s | 4.87 | 290 | ePn | Pn | 09 26 43.7 | +3.8 |
| MOE | 33nm,0.8s | | | eSs | Pn | 09 27 35.9 | -0.6 |
| MOE | 33nm,0.8s | | | eSg | Pn | 09 28 02.6 | +0.2 |
| MORF | Marmelete | 4.91 | 275 | ePn | Pn | 09 27 38.7 | +1.0 |
| MORF | 8.5nm,0.6s | | | eSs | Pn | 09 28 15.9 | |
| MORF | 8.5nm,0.6s | 4.91 | 275 | Sn | Sn | 09 27 38.7 | +1.0 |
| MORF | 8.5nm,0.6s | 4.91 | 275 | Sn | Sn | 09 27 38.7 | +1.0 |
| MORF | 8.5nm,0.6s | | | eSs | Pn | 09 27 38.7 | +1.0 |
| MORF | 8.5nm,0.6s | | | eSg | Pn | 09 27 38.7 | +1.0 |
| ESAC | San Caprasio | 4.96 | 18 | Pn | Pn | 09 26 42.1 | +0.9 |
| ESAC | 5.9nm,0.2s,SNR=7.9 | | | Pg | Pg | 09 28 02.5 | |
| ESAC | 5.9nm,0.2s,SNR=7.9 | 4.96 | 18 | Pn | Pn | 09 26 42.1 | +0.9 |
| ESAC | 5.9nm,0.2s,SNR=7.9 | | | Pg | Pg | 09 28 02.5 | |
| ESAC | 5.9nm,0.2s,SNR=7.9 | | | Sn | Sn | 09 27 35.7 | -3.2 |
| ESAC | 5.9nm,0.2s,SNR=7.9 | | | Lg | Lg | 09 28 02.5 | |
| ESAC | 5.9nm,0.2s,SNR=7.9 | 4.96 | 18 | Pn | Pn | 09 26 42.1 | +0.9 |
| ESAC | 5.9nm,0.2s,SNR=7.9 | | | Pg | Pg | 09 26 59.1 | -2.0 |
| ESAC | 5.9nm,0.2s,SNR=7.9 | | | Sn | Sn | 09 27 35.7 | -3.2 |
| ESAC | 5.9nm,0.2s,SNR=7.9 | | | Lg | Lg | 09 28 02.5 | |
| ESAC | 5.9nm,0.2s,SNR=7.9 | 4.96 | 18 | Pn | Pn | 09 26 42.1 | +0.9 |
| ESAC | 5.9nm,0.2s,SNR=7.9 | | | Pg | Pg | 09 26 59.1 | -2.0 |
| ESAC | 5.9nm,0.2s,SNR=7.9 | | | Sn | Sn | 09 27 35.7 | -3.2 |
| ESAC | 5.9nm,0.2s,SNR=7.9 | | | Lg | Lg | 09 28 02.5 | |
| ESAC | 5.9nm,0.2s,SNR=7.9 | 4.96 | 18 | Pn | Pn | 09 26 42.1 | +0.9 |
| ESAC | 5.9nm,0.2s,SNR=7.9 | | | Pg | Pg | 09 26 59.1 | -2.0 |
| ESAC | 5.9nm,0.2s,SNR=7.9 | | | Sn | Sn | 09 27 35.7 | -3.2 |
| ESAC | 5.9nm,0.2s,SNR=7.9 | | | Lg | Lg | 09 28 02.5 | |
| ESAC | 5.9nm,0.2s,SNR=7.9 | 4.96 | 18 | Pn | Pn | 09 26 42.1 | +0.9 |
| ESAC | 5.9nm,0.2s,SNR=7.9 | | | Pg | Pg | 09 26 59.1 | -2.0 |
| ESAC | 5.9nm,0.2s,SNR=7.9 | | | Sn | Sn | 09 27 35.7 | -3.2 |
| ESAC | 5.9nm,0.2s,SNR=7.9 | | | Lg | Lg | 09 28 02.5 | |
| ESAC | 5.9nm,0.2s,SNR=7.9 | 4.96 | 18 | Pn | Pn | 09 26 42.1 | +0.9 |
| ESAC | 5.9nm,0.2s,SNR=7.9 | | | Pg | Pg | 09 26 59.1 | -2.0 |
| ESAC | 5.9nm,0.2s,SNR=7.9 | | | Sn | Sn | 09 27 35.7 | -3.2 |
| ESAC | 5.9nm,0.2s,SNR=7.9 | | | Lg | Lg | 09 28 02.5 | |
| ESAC | 5.9nm,0.2s,SNR=7.9 | 4.96 | 18 | Pn | Pn | 09 26 42.1 | +0.9 |
| ESAC | 5.9nm,0.2s,SNR=7.9 | | | Pg | Pg | 09 26 59.1 | -2.0 |
| ESAC | 5.9nm,0.2s,SNR=7.9 | | | Sn | Sn | 09 27 35.7 | -3.2 |
| ESAC | 5.9nm,0.2s,SNR=7.9 | | | Lg | Lg | 09 28 02.5 | |
| ESAC | 5.9nm,0.2s,SNR=7.9 | 4.96 | 18 | Pn | Pn | 09 26 42.1 | +0.9 |
| ESAC | 5.9nm,0.2s,SNR=7.9 | | | Pg | Pg | 09 26 59.1 | -2.0 |
| ESAC | 5.9nm,0.2s,SNR=7.9 | | | Sn | Sn | | |

Table with columns: Call sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like E08A Dider Farm, E10A Peralta Trail, etc.

Table with columns: Call sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like LOR Lormes, GRR Gorron, SRF Saint Saule, etc.

ISCJB 05 12:39:17.4:0.6, 40:32N:0.03:40:23E:0.03, h3km, 5km, Error ellipse: s-maj=5.3km s-min=4.0km az=164.7

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KOPT Kop Dag, KOPD Kop Dag, GUMT Gumushane, etc.

IDC 05 12:41:21.9:1.7, 30:65N:141:52E, h0km, mb3.8/5, mb1 3.8/9, mb1mx3.6/27, mb1mx3.9/9, ML3.4/4, Error ellipse: s-maj=74.6km s-min=14.5km az=74.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like JHJ Mitsune, JHJ Hachiojima, CBJ Chichi jima, etc.

FUNV 05 12:54:44.5, 6.36N:73:20W, h161km, MW3.6, 1C-2D, Northern Columbia

Table with columns: Call sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like SOCV Villa del Rosa, VIRV Villa del Rosa, etc.

SZGRF 05 12:56:07.2, 51:21N:179:87W, h33km, mb4.5, Andreanof Islands, Aleutian Islands, United States

NEIC 05 12:56:13.8:0.2, 51:66N:179:46E, mb5.1/140, Error ellipse: s-maj=5.2km s-min=2.2km az=180.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like AMKA Amchitka, AMKA Amchitka, SMY Shemya, etc.

| | | | | | | | | | | | | | | | | | | | | |
|-------|---------------------------------|-----------|------|-----|------------|------|------|--|-----------|------|------------|------------|------|------------------------|----------------------------------|-----------|------------|------------|------------|------|
| D16A | baz=43,SNR=6.6 baz=44,SNR=13 | 43.64 68 | ↑P | P | 13 04 10.3 | -0.6 | F17A | baz=45 | ↓P | pP | 13 04 38.6 | 0.0 | HVU | comp=Z,38nm,0.7s,mb5.2 | e'PP | pP | 13 04 48.0 | +0.2 | | |
| D16A | baz=44,SNR=12 | | ↑ScP | ScP | 13 09 41.0 | -0.3 | F17A | baz=45,SNR=5.4 | ↑ScP | ScP | 13 09 45.0 | -0.9 | HVU | Hansel Valley | 45.91 75 | eP | P | 13 04 29.3 | +0.3 | |
| HRY | Holter Researc | 43.65 68 | eP | P | 13 04 10.8 | -0.2 | I15A | Montevew | 44.78 72 | ↓P | P | 13 04 20.0 | 0.0 | HVU | comp=Z,38nm,0.7s,mb5.2 | e'PP | pP | 13 04 48.0 | +0.2 | |
| J12A | Stokes Ranch, baz=44,SNR=34 | 43.65 74 | ↑P | P | 13 04 11.1 | 0.0 | FFC | Flin Flon | 44.82 54 | iP | P | 13 04 19.8 | -0.4 | S10A | Tonopah Range, baz=46,SNR=81 | 45.94 81 | P | P | 13 04 29.9 | +0.6 |
| J12A | | | ↓ScP | ScP | 13 09 41.2 | -0.2 | E18A | Harlowton | 44.83 67 | ↑P | P | 13 04 20.3 | -0.1 | Q11A | Duckwater | 45.95 80 | ↑P | P | 13 04 29.7 | +0.4 |
| F15A | Butte | 43.74 70 | ↑P | P | 13 04 10.7 | -1.0 | E18A | baz=45 | | ↓P | pP | 13 04 39.7 | +0.6 | CWC | Cottonwood Cre baz=46,SNR=5.2 | 45.97 84 | ↑P | P | 13 04 29.5 | 0.0 |
| F15A | baz=44,SNR=12 | | ↑ScP | ScP | 13 09 40.9 | -0.8 | E18A | baz=45,SNR=7.4 | 44.83 76 | ↑P | ScP | 13 09 45.3 | -0.8 | CWC | baz=46 | | ↓P | pP | 13 04 48.0 | -0.3 |
| C17A | Wharram Farm, baz=44,SNR=20 | 43.76 67 | ↑P | P | 13 04 10.5 | -1.4 | M12A | Wells | 44.83 76 | ↑P | P | 13 04 20.9 | +0.4 | TPAW | Teton Pass | 45.98 72 | eP | P | 13 04 30.0 | +0.5 |
| LRM | Limekiln Ridge | 43.77 70 | eP | P | 13 04 11.4 | -0.6 | M12A | baz=45,SNR=38 | | ↓P | pP | 13 04 40.1 | +0.8 | TPAW | baz=46,SNR=17 | 45.99 73 | eP | P | 13 04 48.1 | -0.2 |
| M10A | L.L. Ranch, Tu baz=44,SNR=24 | 43.79 77 | ↑P | P | 13 04 12.3 | +0.1 | M12A | baz=45 | | ↑ScP | ScP | 13 09 45.9 | -0.4 | TPAW | Soda Springs | 45.99 73 | e'PP | pP | 13 09 51.5 | +0.5 |
| WAKR | Walker | 43.83 83 | eP | P | 13 04 13.6 | +1.1 | M12A | baz=45 | | ↑ScP | ScP | 13 09 45.9 | -0.4 | K16A | Malad City | 46.01 74 | ↑P | P | 13 04 29.9 | +0.3 |
| E16A | East Helena | 43.83 68 | ↑P | P | 13 04 11.6 | -0.8 | QLMT | Earthquake Lak | 44.93 70 | eP | P | 13 04 19.2 | -2.0 | L15A | baz=46,SNR=12 | | ↓P | pP | 13 04 29.7 | -0.1 |
| E16A | baz=44 | | ↑P | pP | 13 04 31.0 | -0.1 | P10A | Eureka | 44.97 79 | ↑P | P | 13 04 21.7 | 0.0 | L15A | baz=46,SNR=12 | | ↓P | pP | 13 04 48.5 | -0.1 |
| E16A | baz=44,SNR=5.4 | | ↓ScP | ScP | 13 09 41.1 | -1.0 | TLY | Talaya | 44.98 301 | iP | P | 13 04 22.7 | +1.2 | P12A | McGill | 46.01 78 | P | P | 13 04 30.6 | +0.8 |
| I13A | Wildhorse Cree baz=44,SNR=56 | 43.86 73 | ↑P | P | 13 04 12.9 | +0.2 | TLY | comp=Z,331nm,0.7s,mb6.2,SNR=27 | 44.98 301 | iP | P | 13 04 21.9 | +0.4 | P12A | baz=46,SNR=53 | | ↓P | pP | 13 04 48.9 | +0.3 |
| I13A | baz=44 | | ↑P | pP | 13 04 31.5 | +0.1 | TLY | Talaya | 44.98 301 | iP | P | 13 11 07.9 | | P12A | baz=46 | | ↓P | pP | 13 09 50.7 | -0.6 |
| I13A | baz=44 | | ↑ScP | ScP | 13 09 41.1 | -1.1 | TLY | comp=Z,40nm,0.8s,mb5.2 | | | | | | P12A | baz=46 | | ↑ScP | ScP | 13 04 29.6 | -0.2 |
| HLID | Hailey | 43.88 74 | P | P | 13 04 13.2 | +0.3 | TLY | Talaya | 44.98 301 | eP | P | 13 04 22.3 | +0.8 | RLMT | Red Lodge | 46.02 69 | ↓P | P | 13 04 29.6 | -0.2 |
| HLID | baz=44 | | ↓P | pP | 13 04 32.1 | +0.5 | TLY | comp=Z,38nm,0.8s,mb5.2 | 45.02 75 | ↑P | P | 13 06 01.8 | +0.4 | RLMT | baz=46,SNR=12 | | ↓ScP | ScP | 13 09 50.2 | -0.9 |
| HLID | baz=44 | | ↓P | pP | 13 04 32.1 | +0.5 | TLY | Double Diamond | 45.02 75 | ↑P | P | 13 04 21.8 | -0.2 | RLMT | baz=46,SNR=5.3 | | ↓ScP | ScP | 13 04 29.7 | -0.1 |
| HLID | baz=44,SNR=12 | | ↓ScP | ScP | 13 09 40.8 | -1.6 | ELK | Elko | 45.04 77 | eP | pP | 13 04 23.0 | +0.8 | RLMT | Red Lodge | 46.02 69 | eP | P | 13 04 29.7 | -0.1 |
| HLID | Hailey | 43.88 74 | eP | P | 13 04 13.0 | +0.1 | ELK | Elko | 45.04 77 | eP | pP | 13 04 23.0 | +0.8 | RLMT | baz=46,SNR=12 | | ↓ScP | ScP | 13 04 29.6 | -0.2 |
| HLID | comp=Z,28nm,0.9s,mb5.0 | | | | | | ELK | comp=Z,43nm,0.8s | 45.04 77 | eP | pP | 13 04 22.9 | +0.8 | GRAC | Grapevine Rang | 46.05 83 | ↓P | P | 13 04 30.9 | +0.8 |
| HLID | baz=44 | | ↓P | pP | 13 04 31.5 | -0.1 | ELK | comp=Z,43nm,0.8s,mb5.2 | | | | | | GRAC | baz=46,SNR=20 | | ↓P | pP | 13 04 31.1 | +0.6 |
| HL11A | Cat Creek Ranch | 43.88 76 | ↑P | P | 13 04 13.5 | +0.6 | ELK | Elko | 45.04 77 | eP | pP | 13 04 40.7 | -0.1 | SNOW | Snow King Moun | 46.11 71 | eP | P | 13 04 50.1 | +0.7 |
| HL11A | baz=44,SNR=91 | | ↓ScP | ScP | 13 09 40.9 | -1.5 | G17A | Pierce Place, baz=45,SNR=5.3 | 45.05 69 | ↑P | pP | 13 04 22.1 | -0.1 | SNOW | comp=Z,6.9nm,0.6s,mb4.6 | | | 13 04 30.7 | +0.1 | |
| H14A | baz=44,SNR=7.3 | | | | | | MTUM | Tungsten Hills | 45.09 83 | eP | P | 13 04 23.6 | +1.0 | LOHW | Long Hollow | 46.11 71 | eP | P | 13 04 49.4 | 0.0 |
| H14A | Leadore | 43.91 72 | P | P | 13 04 13.0 | -0.1 | N12A | Clover Valley, baz=45 | 45.09 77 | ↑P | pP | 13 04 22.3 | -0.3 | REDW | Red Top Meadow | 46.11 72 | eP | pP | 13 04 30.6 | 0.0 |
| H14A | baz=44 | | ↓P | pP | 13 04 32.0 | +0.3 | N12A | baz=45 | | ↓P | pP | 13 04 42.4 | +1.0 | REDW | comp=Z,12nm,1.2s,mb4.5 | | | 13 04 49.0 | -0.4 | |
| B18A | Beardsley Farm | 43.92 65 | P | P | 13 04 12.3 | -0.8 | N12A | Clover Valley, comp=Z,58nm,0.9s,mb5.3 | 45.09 77 | eP | P | 13 04 23.4 | +0.8 | O13A | Hicks Ranch, I | 46.17 77 | ↑P | pP | 13 04 31.3 | +0.2 |
| B18A | baz=44,SNR=25 | | ↑ScP | ScP | 13 09 40.5 | -1.9 | N12A | baz=45 | | ↓P | pP | 13 04 41.8 | +0.5 | O13A | baz=46 | | ↓P | pP | 13 04 50.5 | +0.6 |
| DLMT | Dillon | 43.94 70 | eP | P | 13 04 13.1 | -0.3 | H16A | Russell Place, baz=45,SNR=23 | 45.10 70 | ↑P | pP | 13 04 22.0 | -0.7 | J17A | Brown Place, J | 46.20 72 | ↑P | P | 13 04 30.9 | -0.3 |
| BMN | Battle Mountai | 44.02 79 | eP | P | 13 04 14.5 | +0.5 | H16A | baz=45 | | ↓P | pP | 13 04 41.5 | +0.1 | N14A | Grayback Hills | 46.22 76 | ↑P | P | 13 04 31.8 | +0.4 |
| BMN | comp=Z,36nm,0.8s,mb5.2 | | e'PP | pP | 13 04 32.4 | -0.3 | H16A | baz=45,SNR=9.4 | | ↑ScP | ScP | 13 09 46.6 | -0.7 | ISA | Isabella | 46.22 85 | ↑P | P | 13 04 31.1 | -0.4 |
| BMN | baz=44 | | | | | | ULN | Ulanbatar | 45.15 295 | eP | pP | 13 04 23.7 | +0.8 | ISA | Isabella | 46.22 85 | eP | pP | 13 04 31.1 | -0.5 |
| D17A | Six Diamond Ra | 44.07 67 | ↑P | P | 13 04 13.2 | -1.2 | ULN | Ulanbatar | 45.15 295 | eP | pP | 13 06 01.9 | -0.1 | ISA | Isabella | 46.22 85 | e'PP | pP | 13 04 48.8 | -1.6 |
| D17A | baz=44,SNR=15 | | ↑ScP | ScP | 13 09 41.4 | -1.7 | ULN | comp=Z,37nm,0.9s,mb5.1 | 45.15 295 | eP | pP | 13 04 23.7 | +0.8 | ISA | comp=Z,20nm,1.0s,mb4.8 | 46.22 85 | eP | P | 13 04 31.1 | -0.4 |
| MCMT | McKenzie Canyo | 44.09 71 | eP | P | 13 04 14.4 | -0.2 | ULN | Ulanbatar | 45.15 295 | eP | pP | 13 06 01.9 | -0.1 | ISA | comp=Z,20nm,1.0s,mb4.8 | | | 13 04 48.8 | -1.5 | |
| MCMT | baz=Z,6.6nm,0.6s,mb4.9 | | | | | | O11A | Cowboy Ranch, baz=45 | 45.15 78 | ↑P | ScP | 13 04 22.8 | -0.3 | SBC | Santa Barbara | 46.25 87 | ↑P | P | 13 04 31.2 | -0.5 |
| G15A | Dillon | 44.12 70 | ↑P | P | 13 04 33.1 | -0.1 | O11A | baz=45 | | ↓ScP | ScP | 13 09 46.3 | -1.4 | BGU | Big Grassy Mou | 46.27 76 | eP | P | 13 04 32.1 | +0.3 |
| G15A | baz=44,SNR=11 | | ↑ScP | ScP | 13 09 42.1 | -1.2 | J15A | Blackfoot | 45.16 73 | ↑P | P | 13 04 22.9 | -0.2 | BGU | baz=46 | | | 13 04 50.5 | -0.1 | |
| J13A | Cove Ranch, Pi | 44.12 74 | ↑P | P | 13 04 14.9 | +0.1 | K14A | Jones Ranch, D | 45.21 74 | ↑P | P | 13 04 22.7 | -0.8 | M15A | Larsen Ranch, baz=46,SNR=9.9 | 46.29 75 | ↑P | pP | 13 04 31.8 | -0.2 |
| J13A | baz=44,SNR=11 | | ↓P | pP | 13 04 33.8 | +0.3 | YMR | Madison River | 45.29 70 | eP | P | 13 04 23.8 | -0.3 | M15A | baz=46 | | ↓P | pP | 13 04 50.7 | -0.1 |
| J13A | baz=44 | | ↓ScP | ScP | 13 09 43.1 | -0.2 | YMR | comp=Z,52nm,1.3s,mb5.1 | 45.29 70 | eP | pP | 13 04 23.8 | -0.3 | R11A | Troy Canyon, C | 46.30 80 | ↑P | P | 13 04 32.4 | +0.3 |
| K12A | Draper Farm, C | 44.12 75 | P | P | 13 04 15.6 | +0.7 | F18A | Big Timber | 45.31 68 | ↑P | pP | 13 04 42.7 | -0.1 | R11A | baz=46 | | ↓P | pP | 13 04 50.2 | -0.7 |
| K12A | baz=44,SNR=35 | | ↓P | pP | 13 04 33.7 | +0.1 | F18A | baz=45,SNR=9.7 | | ↓ScP | ScP | 13 09 47.2 | -1.0 | Q12A | Willow Creek R | 46.33 79 | ↑P | P | 13 04 32.7 | +0.3 |
| EGMT | Eagleton | 44.13 66 | ↑P | P | 13 04 13.4 | -1.4 | M13A | Montello | 45.32 76 | ↑P | P | 13 04 24.4 | 0.0 | ARVC | Arvin | 46.35 86 | ↑P | P | 13 04 32.0 | -0.6 |
| EGMT | baz=44 | | ↑ScP | ScP | 13 09 41.8 | -1.4 | M13A | baz=45 | | ↓P | pP | 13 04 43.2 | +0.1 | MOY | Mondy | 46.38 303 | eP | pP | 13 04 33.4 | +0.8 |
| EGMT | Eagleton | 44.13 66 | eP | P | 13 04 13.8 | -1.0 | M13A | baz=45 | | ↓P | pP | 13 09 46.9 | -1.5 | MOY | comp=Z,38nm,1.5s,mb4.9 | | | 13 04 32.6 | -0.5 | |
| I14A | Mackay | 44.25 72 | ↑P | P | 13 04 15.8 | 0.0 | M13A | Montello | 45.32 76 | eP | P | 13 04 24.9 | +0.5 | K17A | Gardner Place, baz=46,SNR=6.2 | 46.43 72 | ↑P | P | 13 04 33.0 | -0.5 |
| I14A | baz=44,SNR=36 | | ↓ScP | ScP | 13 09 43.2 | -0.7 | M13A | comp=Z,43nm,0.9s,mb5.2 | | | | | | FCC | Fort Churchill | 46.51 46 | eP | P | 13 04 33.9 | +0.1 |
| BJI | Beijing | 44.25 281 | P | pP | 13 04 16.5 | +0.6 | M13A | baz=45 | | ↓P | pP | 13 04 43.2 | +0.1 | I18A | Diamond G Ranc | 46.52 71 | ↑P | P | 13 04 33.0 | +0.1 |
| BJI | comp=Z,48nm,0.9s,mb5.2 | | | | | | GCMT | Greycliff | 45.41 68 | eP | pP | 13 06 03.2 | +0.5 | I18A | baz=46 | | ↓ScP | ScP | 13 09 53.4 | +0.2 |
| BJI | comp=Z,170nm,5.9s | | | | | | I16A | Newdale | 45.44 71 | ↑P | P | 13 04 24.9 | -0.4 | HHC | Hu-ho-hao-te | 46.56 285 | eP | pP | 13 04 35.0 | +0.8 |
| BJI | comp=Z,170nm,36.8s | | | | | | P11A | Circle Ranch, baz=45,SNR=24 | 45.45 79 | ↑P | P | 13 04 25.6 | +0.2 | HHC | HHC | | pP | 13 04 55.8 | +2.8 | |
| F16A | Kennard Place, baz=44,SNR=11 | 44.27 69 | ↑P | P | 13 04 15.4 | -0.7 | L14A | Malta | 45.48 75 | ↑P | P | 13 04 25.9 | +0.3 | HHC | HHC | | pP | 13 05 08.3 | +6.6 | |
| F16A | baz=44 | | ↑P | pP | 13 04 34.9 | +0.2 | L14A | baz=45,SNR=27 | | ↑P | pP | 13 04 44.5 | +0.2 | HHC | HHC | | | | | |

5d 12h

Table with columns: NOQ, North Oquirrh, 46.98, 75, eP, P, 13 04 37.7 +0.3, etc. Includes stations like Dagmar, The Old Anders, Toltan Ranch, etc.

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Table with columns: T13A, Saint George, 48.17, 80, fP, P, 13 04 46.6 0.0, etc. Includes stations like Rock Springs, Larsen Ranch, Marysvalle, etc.

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Table with columns: RSSD, White River Ci, 49.62, 73, pP, pP, 13 05 15.6 -1.1, etc. Includes stations like Glen Canyon Da, Black Mountain, Black Ridge, etc.

| | | | | | | | |
|------|---|-------|-----|------|------|------------|------|
| Q22A | baz=51,SNR=5.0 Crested Butte, baz=51,SNR=11 | 51.23 | 74 | ↑P | P | 13 05 09.4 | -0.5 |
| Q22A | | | | ↓ScP | ScP | 13 10 12.5 | -0.9 |
| T19A | baz=51 Beclabito | 51.27 | 77 | ↑P | P | 13 05 10.4 | +0.2 |
| MVCO | baz=51,SNR=154 Mesa Verde | 51.34 | 77 | ↑P | P | 13 05 10.9 | +0.2 |
| MVCO | baz=51,SNR=28 | | | ↑ScP | ScP | 13 10 13.8 | -0.1 |
| MVCO | baz=51 Mesa Verde | 51.34 | 77 | ↑P | P | 13 05 10.7 | 0.0 |
| MVCO | comp=Z,38nm,1.0s,mb5.4 | | | eScP | ScP | 13 10 14.5 | +0.6 |
| X16A | Lo Mia Camp, P baz=51,SNR=42 | 51.38 | 81 | ↑P | P | 13 05 11.5 | +0.4 |
| ISCO | Idaho Springs | 51.40 | 72 | ↑P | P | 13 05 11.4 | +0.3 |
| ISCO | | | | ePP | pP | 13 05 30.0 | -0.2 |
| ISCO | | | | pmax | pmax | | |
| ISCO | comp=Z,11nm,1.1s,mb4.8 | | | | | | |
| ISCO | Idaho Springs | 51.40 | 72 | ↑P | P | 13 05 11.4 | +0.3 |
| ISCO | comp=Z,12nm,1.1s,mb4.8 | | | | | | |
| V18A | Canado | 51.45 | 79 | ↑P | P | 13 05 30.0 | -0.3 |
| S21A | Coal Bank Pass baz=51,SNR=9.6 | 51.47 | 76 | ↑P | P | 13 05 11.2 | -0.4 |
| S21A | | | | ↓P | P | 13 05 12.4 | +0.7 |
| S21A | baz=51 | | | ↓P | P | 13 05 31.5 | +0.7 |
| U19A | Dine' College, baz=51,SNR=35 | 51.51 | 78 | ↑P | P | 13 05 11.8 | -0.2 |
| P23A | Jefferson | 51.54 | 73 | ↑P | P | 13 05 11.6 | -0.5 |
| WHN | Wuhan | 51.56 | 272 | ↑P | P | 13 05 12.0 | -0.5 |
| WHN | | | | pmax | pmax | | |
| WHN | comp=Z,66nm,0.7s,mb5.8 | | | | | | |
| 114A | Black Gap (USA baz=52,SNR=11) | 51.61 | 84 | ↑P | P | 13 05 13.0 | +0.2 |
| Z15A | Gila River Ind baz=52,SNR=8.4 | 51.70 | 83 | ↑P | P | 13 05 13.2 | -0.2 |
| Y16A | Circle Bar Ran baz=52,SNR=21 | 51.72 | 82 | ↑P | P | 13 05 14.1 | +0.5 |
| R22A | Saguache, Gunn baz=52,SNR=26 | 51.73 | 74 | ↑P | P | 13 05 14.0 | +0.4 |
| X17A | Forest Lakes baz=52,SNR=11 | 51.83 | 81 | ↑P | P | 13 05 14.7 | +0.4 |
| U20A | Newcomb | 51.87 | 77 | ↑P | P | 13 05 14.9 | +0.2 |
| U20A | baz=52,SNR=16 | | | ↑ScP | ScP | 13 10 15.5 | -0.7 |
| W18A | Petrified Fore baz=52,SNR=7.8 | 51.96 | 79 | ↑P | P | 13 05 15.5 | +0.1 |
| V19A | Window Rock baz=52,SNR=6.7 | 51.99 | 78 | ↑P | P | 13 05 16.0 | +0.4 |
| S22A | 4UR Ranch, Cre baz=52,SNR=46 | 52.00 | 75 | ↑P | P | 13 05 16.3 | +0.7 |
| 115A | Sonoran Desert baz=52 | 52.05 | 83 | ↑P | P | 13 05 16.4 | +0.3 |
| T21A | Navajo Lake baz=52 | 52.07 | 76 | ↑P | P | 13 05 16.5 | +0.4 |
| Z16A | Peralta Trail, baz=52,SNR=10.0 | 52.12 | 82 | ↑P | P | 13 05 16.4 | -0.2 |
| Q24A | Organ Pipe Nat baz=52,SNR=8.0 | 52.20 | 85 | ↑P | P | 13 05 17.1 | -0.1 |
| 214A | Divide | 52.21 | 73 | ↑P | P | 13 05 36.3 | 0.0 |
| X18A | Snowflake baz=52,SNR=15 | 52.23 | 80 | ↑P | P | 13 05 17.9 | +0.5 |
| Y17A | Roosevelt baz=52,SNR=45 | 52.23 | 81 | ↑P | P | 13 05 17.8 | +0.4 |
| V20A | Brimhall baz=52,SNR=15 | 52.29 | 78 | ↑P | P | 13 05 18.3 | +0.5 |
| SSLB | Suanglung comp=Z,20nm,0.8s,mb5.2 | 52.29 | 261 | ↑P | P | 13 05 17.4 | -0.5 |
| U21A | Nageezi baz=52,SNR=78 | 52.36 | 77 | ↑P | P | 13 05 19.0 | +0.7 |
| YULB | Yu-Hi comp=Z,14nm,0.6s,mb5.1 | 52.38 | 260 | ↑P | P | 13 05 17.6 | -1.0 |
| T22A | Edith baz=52,SNR=43 | 52.43 | 76 | ↑P | P | 13 05 19.5 | +0.7 |
| P25A | Willow Gulch B baz=52,SNR=11 | 52.44 | 72 | ↑P | P | 13 05 18.8 | 0.0 |
| P25A | | | | ↓P | P | 13 05 38.6 | +0.5 |
| 116A | Eloy baz=52,SNR=7.4 | 52.47 | 83 | ↑P | P | 13 05 19.6 | +0.4 |
| S23A | Nyo Farm, Mont baz=52 | 52.52 | 74 | ↑P | P | 13 05 19.5 | +0.1 |
| S23A | | | | ↓P | P | 13 05 39.5 | +0.0 |
| XAN | Xi'an | 52.54 | 279 | ↑P | P | 13 05 19.2 | -0.5 |
| XAN | | | | pP | pP | 13 05 45.4 | +6.5 |
| XAN | | | | pmax | pmax | | |
| Y18A | Canyon Day Jun baz=52,SNR=27 | 52.68 | 81 | ↑P | P | 13 05 21.2 | +0.5 |
| X19A | St. Johns baz=53,SNR=19 | 52.70 | 80 | ↑P | P | 13 05 21.6 | +0.8 |
| X19A | | | | ↓P | P | 13 05 39.8 | -0.2 |
| R24A | Sanders Place, baz=53 | 52.71 | 73 | ↑P | P | 13 05 21.3 | +0.4 |
| R24A | | | | ↓P | P | 13 05 40.6 | +0.5 |
| W20A | Ramah baz=53,SNR=14 | 52.71 | 79 | ↑P | P | 13 05 21.3 | +0.4 |
| W20A | | | | ↓P | P | 13 05 39.8 | -0.3 |
| Z17A | San Carlos Hig baz=53,SNR=10 | 52.73 | 82 | ↑P | P | 13 05 21.7 | +0.6 |
| Q25A | Bedland, Calha baz=53,SNR=6.4 | 52.78 | 72 | ↑P | P | 13 05 21.9 | +0.5 |
| Q25A | | | | ↓P | P | 13 05 40.5 | -0.1 |
| V21A | Milan baz=53,SNR=24 | 52.79 | 77 | ↑P | P | 13 05 21.9 | +0.4 |
| SDCO | Great Sand Dun comp=Z,22nm,1.0s,mb5.1 | 52.80 | 74 | ↑P | P | 13 05 21.9 | +0.4 |
| TPUB | Ta-pu comp=Z,26nm,0.9s,mb5.3 | 52.85 | 261 | ↑P | P | 13 05 40.3 | -0.3 |
| U22A | Llaves baz=53,SNR=47 | 52.88 | 76 | ↑P | P | 13 05 22.5 | +0.3 |
| T23A | Casias Ranch, baz=53,SNR=15 | 52.94 | 75 | ↑P | P | 13 05 23.2 | +0.6 |
| 216A | Three Points, baz=53 | 53.01 | 83 | ↑P | P | 13 05 22.7 | -0.5 |
| ZAAO | Zalesovo Array | 53.02 | 312 | ↑P | P | 13 05 22.4 | -0.4 |
| ZAAO | | | | ePcP | PcP | 13 06 30.9 | +0.4 |
| ZALV | Zalesovo Beam | 53.02 | 312 | ↑P | P | 13 05 22.6 | -0.3 |
| ZALV | comp=Z,9.4nm,0.6s,mb5.0,baz=49,slow=7.3,SNR=18 | | | PcP | PcP | 13 06 30.9 | +0.5 |
| ZALV | comp=Z,6.8nm,0.7s,baz=41,slow=4.0,SNR=5.3 | | | ScP | ScP | 13 10 21.4 | +0.5 |
| ZALV | comp=Z,0.5nm,0.3s,baz=15,slow=6.2,SNR=3.9 | | | LR | LR | 13 28 23.3 | |
| ZALV | comp=Z,29nm,21.3s,baz=116,slow=36 | | | | | | |
| ZALV | Zalesovo Beam | 53.02 | 312 | ↑P | P | 13 05 22.6 | -0.3 |
| ZALV | | | | ePP | pP | 13 06 31.0 | |
| S24A | Houchin Ranch, baz=53,SNR=23 | 53.04 | 74 | ↑P | P | 13 05 23.7 | +0.4 |
| S24A | | | | ↓P | P | 13 05 42.9 | +0.4 |
| Y19A | Nutriso baz=53,SNR=12 | 53.04 | 80 | ↑P | P | 13 05 23.2 | -0.2 |
| 117A | Oracle baz=53,SNR=16 | 53.06 | 82 | ↑P | P | 13 05 23.2 | -0.4 |
| X20A | Quemado baz=53,SNR=42 | 53.10 | 79 | ↑P | P | 13 05 23.6 | -0.2 |
| Z18A | Geronimo baz=53,SNR=6.7 | 53.15 | 81 | ↑P | P | 13 05 24.3 | +0.1 |
| V22A | San Miguel Ran baz=53,SNR=14 | 53.16 | 77 | ↑P | P | 13 05 24.1 | 0.0 |
| NVS | Novosibirsk | 53.17 | 314 | ↑P | P | 13 05 24.1 | +0.1 |
| NVS | | | | pmax | pmax | | |
| NVS | comp=N,17nm,0.7s | | | | | | |
| NVS | comp=E,23nm,0.7s | | | | | | |
| NVS | | | | pmax | pmax | | |
| TUC | Tucson | 53.21 | 83 | ↑P | P | 13 05 24.6 | 0.0 |
| TUC | | | | ePP | pP | 13 05 42.6 | -1.2 |
| TUC | | | | pmax | pmax | | |
| TUC | comp=Z,19nm,0.8s,mb5.2 | | | | | | |
| TUC | Tucson | 53.21 | 83 | ↑P | P | 13 05 24.6 | -0.1 |
| TUC | comp=Z,19nm,0.8s,mb5.2 | | | | | | |
| TUC | | | | ePP | pP | 13 05 42.6 | -1.2 |
| W21A | San Fidel | 53.24 | 78 | ↑P | P | 13 05 24.6 | -0.2 |
| U23A | baz=53,SNR=6.6 El Rito | 53.31 | 76 | ↑P | P | 13 05 25.1 | -0.2 |
| 118A | Homack Ranch, baz=53,SNR=56 | 53.49 | 82 | ↑P | P | 13 05 26.9 | +0.2 |
| S25A | Robets Cordova baz=53,SNR=20 | 53.49 | 73 | ↑P | P | 13 05 26.2 | -0.4 |
| S25A | | | | ↓P | P | 13 05 45.4 | -0.5 |
| 217A | Green Valley baz=53 | 53.56 | 83 | ↑P | P | 13 05 26.8 | -0.3 |
| X21A | Alamocita Cree baz=54,SNR=57 | 53.60 | 79 | ↑P | P | 13 05 27.7 | +0.2 |
| Y20A | Ortiz Mt (NFS baz=54,SNR=40) | 53.61 | 80 | ↑P | P | 13 05 27.6 | +0.1 |
| Y20A | | | | ↓P | P | 13 05 47.0 | +0.3 |
| V23A | Ortiz Mt (NFS baz=54,SNR=40) | 53.71 | 76 | ↑P | P | 13 05 29.2 | +1.0 |
| W22A | Albuquerque baz=54,SNR=6.0 | 53.74 | 77 | ↑P | P | 13 05 29.7 | +1.2 |
| U24A | Moreno Valley baz=54 | 53.81 | 75 | ↑P | P | 13 05 28.7 | -0.2 |
| 119A | Ashpake Ranch, baz=54,SNR=12 | 53.81 | 81 | ↑P | P | 13 05 29.1 | +0.1 |
| T25A | Trinidad baz=54,SNR=29 | 53.85 | 74 | ↑P | P | 13 05 29.3 | 0.0 |
| 218A | Dragon baz=54,SNR=24 | 53.90 | 82 | ↑P | P | 13 05 29.7 | 0.0 |
| Y21A | Point of Rocks baz=54,SNR=7.1 | 53.97 | 79 | ↑P | P | 13 05 30.8 | +0.7 |
| Z20A | Nine Steen R baz=54,SNR=5.6 | 54.01 | 80 | ↑P | P | 13 05 31.1 | +0.6 |
| LAZ | Ladron comp=Z,16nm,0.8s,mb5.1 | 54.03 | 78 | ↑P | P | 13 05 31.2 | +0.6 |
| LAZ | | | | ePP | pP | 13 05 50.1 | +0.3 |
| X22A | Bernardo baz=54,SNR=14 | 54.04 | 78 | ↑P | P | 13 05 31.6 | +1.0 |
| ECSD | EROS Data Cent comp=Z,4.8nm,0.8s,mb4.6 | 54.05 | 63 | ↑P | P | 13 05 28.4 | -2.2 |
| ANMO | Albuquerque | 54.07 | 77 | ↑P | P | 13 05 31.1 | +0.2 |
| ANMO | | | | ePP | pP | 13 05 49.8 | -0.3 |
| ANMO | | | | pmax | pmax | | |
| ANMO | comp=Z,16nm,1.0s,mb5.0 | | | | | | |
| ANMO | Albuquerque | 54.07 | 77 | ↑P | P | 13 05 31.1 | +0.2 |
| ANMO | | | | ePP | pP | 13 05 49.8 | -0.3 |
| EYMM | Ely comp=Z,10nm,0.9s,mb4.9 | 54.09 | 56 | ↑P | P | 13 05 29.5 | -1.2 |
| W23A | Werner Place, baz=54,SNR=5.7 | 54.12 | 77 | ↑P | P | 13 05 31.6 | +0.4 |
| LZH | Lanzhou | 54.26 | 285 | ↑P | P | 13 05 33.2 | +1.0 |
| LZH | | | | pP | pP | 13 05 51.6 | +0.1 |
| LZH | | | | pP | pP | 13 06 03.3 | +3.2 |
| LZH | | | | pP | pP | 13 07 37.7 | +3.3 |
| LZH | | | | eS | sS | 13 13 01.0 | -2.8 |
| LZH | | | | sS | sS | 13 13 35.9 | +2.9 |
| LZH | | | | SS | SS | 13 16 41.2 | -4.9 |
| LZH | | | | pmax | pmax | | |
| LZH | comp=Z,29nm,1.0s,mb5.3 | | | | | | |
| V24A | Rampart Ranch, baz=54,SNR=60 | 54.27 | 76 | ↑P | P | 13 05 32.7 | +0.4 |
| 318A | Bisbee baz=54,SNR=12 | 54.30 | 83 | ↑P | P | 13 05 32.3 | -0.3 |
| U25A | Circle Dot Ran baz=54,SNR=52 | 54.34 | 75 | ↑P | P | 13 05 33.1 | +0.2 |
| 219A | White Tail Can baz=54,SNR=5 | 54.37 | 82 | ↑P | P | 13 05 32.9 | -0.1 |
| 120A | U Bar Ranch, L baz=54,SNR=14 | 54.37 | 81 | ↑P | P | 13 05 33.5 | +0.4 |
| Y22A | IRIS PASCALI baz=54 | 54.38 | 78 | ↑P | P | 13 05 33.2 | +0.1 |
| GTA | Gaotai | 54.44 | 290 | ↑P | P | 13 05 34.2 | +0.7 |
| GTA | | | | pP | pP | 13 05 52.4 | -0.4 |
| GTA | | | | sP | sP | 13 06 00.9 | -0.5 |
| GTA | | | | PcP | PcP | 13 06 36.4 | +0.2 |
| GTA | | | | pP | pP | 13 07 39.9 | |

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Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like BRV Borovoye, HDIL Hopedale, and many others.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KSH comp=N,130nm,9.9s, HFS Hagfors, GOGA Godfrey, and many others.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like SMF Signal de Mont, BGF Bois d'Agland, and many others.

5d 16h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KMBL Kambalda, BBOO Buckleboob, NWAO Narrogin (SR0), STKA Stephens Creek, etc.

NEIC 05 14:21:11.0, 16:08N-99:67W, h17km, MD3.7(MEX), After MEXZ

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ACX Acapulco, CAIG El Cayaco, PNIG Pinotepa, etc.

ISC/JB 05 14:35:30.9, 0.4, 44:13N-10:04:105:31W, 0.05, h0km, Error ellipse: s-maj=5.7km s-min=5.2km az=6.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RSSD Black Hills, LAO LASA Array, RWWY Rawlins, etc.

ISC 05 14:35:32.7, 0.4, 44:11N-10:05:28W, h0km, ML3.1, Error ellipse: s-maj=6.1km s-min=5.2km az=164.0, Suspected Mining explosion.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RSDS Black Hills, LAO LASA Array, RWWY Rawlins, etc.

ISC 05 14:35:32.7, 0.4, 44:12N-10:04:105:29W, 0.05, h0km, n49, a16150, Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GCMT Greycliff, LWKY Lake, LOHW Long Hollow, etc.

MKAR Makanchi Array 89.22 355 P P 14 48 29.4 -0.8

ISC/JB 05 14:56:29.7, 0.8, 67:45S-0:06:112:0E, 0.2, h10km, mb4.2/5, Error ellipse: s-maj=10.9km s-min=8.8km az=158.9

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

ISC/JB 05 15:31:34.9, 0.4, 6:84N-0:05:73:02W, 0.05, h160km, 5km, mb3.8/8, Error ellipse: s-maj=10.2km s-min=5.6km az=36.1

ISC 05 15:31:35.9, 1.2, 6:79N-73:06W, h160km, 12km, mb3.4/6, mb1.3/0.9, mb1mx3.5/2.1, mbtmp3.5/9, Error ellipse: s-maj=19.4km s-min=14.9km az=102.0

NEIC 05 15:31:36.0, 0.6, 6:77N-73:04W, h165km, 7km, mb4.4/7, Error ellipse: s-maj=10.1km s-min=8.2km az=123.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CAPV Capacho, ROSC El Rosal, VIGV El Vigia, etc.

BJI 05 16:34:25.5, 36:30S-52:40E, h10km, mb5.0/3, mb4.6/6

ISC/JB 05 16:34:26.3, 0.4, 36:30S-52:40E, 0.08, 52:47E, 0.09, h10km, mb4.5/28, MS4.0/19, Error ellipse: s-maj=12.6km s-min=9.0km az=38.4

ISC 05 16:34:26.0, 0.5, 36:25S-52:45E, h0km, mb4.4/7, mb1.4/5/18, mb1mx4.3/2.6, mbtmp4.4/18, ML4.4/1, MS4.0/19, Ms1.4/0.19, ms1mx3.9/3.3, Error ellipse: s-maj=20.8km s-min=14.4km az=28.0

NEIC 05 16:34:28.0, 0.3, 36:28S-52:44E, h10km, mb4.8/11, Error ellipse: s-maj=10.1km s-min=7.4km az=219.0

ISC 05 16:34:31.9, 2.5, 36:29S-0:07:52.42E, 0.10, h36km, 23km, n61, a067/37, mb4.5/28, MS4.0/19, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ABPO Ambोधipanonom, OPO Ambohadratompo, BOSB Boshof, etc.

ACCX Acapulco 2.12 98 i P Pn 15 55 50.0 -1.1

ISC/JB 05 14:56:29.7, 0.8, 67:45S-0:06:112:0E, 0.2, h10km, mb4.2/5, Error ellipse: s-maj=10.9km s-min=8.8km az=158.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ACX Acapulco, MEIG Mezcala, MOIG Morelia, etc.

ISC/JB 05 15:31:34.9, 0.4, 6:84N-0:05:73:02W, 0.05, h160km, 5km, mb3.8/8, Error ellipse: s-maj=10.2km s-min=5.6km az=36.1

ISC 05 15:31:35.9, 1.2, 6:79N-73:06W, h160km, 12km, mb3.4/6, mb1.3/0.9, mb1mx3.5/2.1, mbtmp3.5/9, Error ellipse: s-maj=19.4km s-min=14.9km az=102.0

NEIC 05 15:31:36.0, 0.6, 6:77N-73:04W, h165km, 7km, mb4.4/7, Error ellipse: s-maj=10.1km s-min=8.2km az=123.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CAPV Capacho, ROSC El Rosal, VIGV El Vigia, etc.

BJI 05 16:34:25.5, 36:30S-52:40E, h10km, mb5.0/3, mb4.6/6

ISC/JB 05 16:34:26.3, 0.4, 36:30S-52:40E, 0.08, 52:47E, 0.09, h10km, mb4.5/28, MS4.0/19, Error ellipse: s-maj=12.6km s-min=9.0km az=38.4

ISC 05 16:34:26.0, 0.5, 36:25S-52:45E, h0km, mb4.4/7, mb1.4/5/18, mb1mx4.3/2.6, mbtmp4.4/18, ML4.4/1, MS4.0/19, Ms1.4/0.19, ms1mx3.9/3.3, Error ellipse: s-maj=20.8km s-min=14.4km az=28.0

NEIC 05 16:34:28.0, 0.3, 36:28S-52:44E, h10km, mb4.8/11, Error ellipse: s-maj=10.1km s-min=7.4km az=219.0

ISC 05 16:34:31.9, 2.5, 36:29S-0:07:52.42E, 0.10, h36km, 23km, n61, a067/37, mb4.5/28, MS4.0/19, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ABPO Ambोधipanonom, OPO Ambohadratompo, BOSB Boshof, etc.

Table with columns: LPEL, MRVN, MRVU, CDT, MIDA, VULT, PALZ, CSSN, CERA, MRLC, MCRV, BAI, VCEL, AMUR, SG1, POFI, VVLD, CDRU, MIGL, TERO, MATE, NOCI, LTRZ, STON, PEI, TARI, NVLJ, SKDS, OBKA, OBKA. Includes station names, coordinates, and status.

IDC 05 17:42:31.8,0.9,27.81S,70.73W, h61km,5km, mb4.2/4, mb1 3.9/8, mb1mx3.7/1.9, mbtmp3.8/8, Error ellipse: s-maj=31.1km s-min=14.0km az=68.0

GUC 05 17:42:33.2,0.7,28.18S,70.49W, h70km,7km, MD4.3, ML4.5

NEIC 05 17:42:32.2,28.18S,70.49W, h70km, MD4.3(GUC), After GUC

NEIC Felt (I) at Copiapo. ISC 05 17:42:33.7,0.6,28.17S,0.4,70.5W,0.1,h68km,9km,n24, r=0.50/31,mb2.4/2.2D,Central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like Las Campanas, Los Chungos, Coronel Fontan, etc.

Table with columns: LBTB, ASAR, WRA, ZALV, MKAR, MKAR. Lists stations like Lobatse, Alice Springs, Waramunga Arr, etc.

DJA 05 17:52:38,0.15Sx125.10E, h30km, MLV3.8/8, Southern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like Cibinong, Ternate, Luvuk, etc.

BUJ 05 18:01:29.5,40.75N,77.45E, h20km, ML3.1/5 NNC 05 18:01:43.1,12.0,40.89N,78.56E, h0km, mb3.9, mpv3.6, Error ellipse: s-maj=116.1km s-min=93.2km az=3.0

ISC 05 18:01:09.1,3.7,38.8N,103.797E,0.2,h10km,n11, r=100/13,2C-4D,Southern Xinjiang

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

NEIC 05 18:01:28.7,16.86N,99.73W, h7km, MD3.5(MEX), After MEX

MEX 05 18:01:28.7,0.8,16.86N,99.73W, h7km,5km, MD3.5, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like Acapulco, El Cayaco, Mezcala, etc.

ISCJTB 05 18:04:26.9,0.4,43.85N,0.03,105.18W,0.0,5, h0km, mb4.0/3, Error ellipse: s-maj=4.8km s-min=3.5km az=20.0

NEIC 05 18:04:28.7,0.3,43.82N,105.19W, h0km, ML3.5, Error ellipse: s-maj=4.3km s-min=4.0km az=129.0, Suspected Mining explosion.

NEIC 05 18:04 [35 miles] SSE of Gillette. IDC 05 18:04:29.6,0.9,44.16N,105.74W, h0km, mb3.9/3, mb1 3.9/8, mb1mx3.7/2.7, mbtmp3.7/8, ML3.7/5, MS2.9/1, Ms1 2.9/1, ms1mx2.3/3.9, Error ellipse: s-maj=25.9km s-min=8.4km az=145.0

ISC 05 18:04:28.9,0.3,43.82N,0.03,105.20W,0.0,4, h0km, n74, r=0.93/80,mb4.0/3,6C-7D,Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like Black Hills, Ellis Ranch, Rawlins, etc.

Table with columns: YFT, REDW, IMW, TPWA, YMR, GOZ, AHID, RR12, QLMT, DGMT, SMCO, DC12, HWUT. Lists stations like Old Faithful, Red Top Meadow, Indian Meadow, etc.

EGMT Eggleton 5.0m,0.5s 5.27 324 ePn Pn 18 05 48.6 -0.2

HRY Holler Researc 25m,0.4s 5.50 304 ePn Pn 18 05 52.0 -0.1

DLMT Dillon 8.3m,0.5s 5.50 289 ePn Pn 18 05 52.8 +0.7

LRM Limekiln Ridge 28m,0.3s 5.53 294 ePn Pn 18 05 52.5 0.0

MCMT McKenzie Canyo 5.4m,0.6s 5.58 283 ePn Pn 18 05 56.5 +3.3

DAU Daniels Canyon 5.65 235 ePn Pn 18 05 54.2 +0.1

JLU Jordanelle 5.65 237 ePn Pn 18 05 53.4 -0.7

CTU Camp Tracy 5.78 239 ePn Pn 18 05 55.2 -0.7

SPUT South Promonto 5.92 247 ePn Pn 18 05 58.5 +0.8

HVU Hansel Valley 5.94 252 ePn Pn 18 05 57.2 -0.8

SDCO Great Sand Dun 6.08 182 ePn Pn 18 06 00.2 +0.3

PV04 Paradox Valley 6.10 209 ePn Pn 18 06 00.7 +0.4

MPU Maple Canyon 6.13 234 ePn Pn 18 05 59.5 -1.1

SRU San Rafael 6.18 222 ePn Pn 18 06 00.3 -1.1

ECSD EROS Data Cent 6.21 88 ePn Pn 18 06 02.6 +0.8

PV10 Paradox Valley 6.23 205 ePn Pn 18 06 02.4 +0.4

TMUT Trail Mountain 6.39 227 ePn Pn 18 06 04.2 0.0

NLU North Lily Min 6.42 235 ePn Pn 18 06 03.2 -1.5

CHMT Chamberlain Mo 6.46 301 ePn Pn 18 06 05.8 +0.6

BGU Big Grassy Mow 6.48 246 ePn Pn 18 06 04.5 -1.0

HLID Hailey 6.69 271 ePn Pn 18 06 09.8 +1.5

DUG Dugway 6.73 240 ePn Pn 18 06 07.9 -1.1

SLMT Seelye Lake 6.76 303 ePn Pn 18 06 09.4 +0.1

MSO Missoula 6.86 299 ePn Pn 18 06 10.6 0.0

MVCO Cotton Verde 7.07 202 ePn Pn 18 06 15.2 +1.6

SWMT Swartz Lake 7.18 304 ePn Pn 18 06 15.4 +0.2

N13A North Wendover, West 7.30 249 ePn Pn 18 06 16.0 -0.8

JTMT Jette 7.46 305 ePn Pn 18 06 20.0 +1.0

MSU Marysvale 7.47 227 ePn Pn 18 06 19.4 +0.2

AGMN Agassiz Nation 7.88 52 ePn Pn 18 06 22.2 -2.5

ELK Elko 8.06 251 Pn Pn 18 06 27.0 -0.1

ELK 0.1m,0.3s,baz=72,slow=10,SNR=9.6 18 08 38.6

ELK 0.1m,0.3s,baz=29,slow=16,SNR=2.7 18 09 38.8

ARUT Antelope Range 8.68 229 ePn Pn 18 06 36.1 +0.3

ULM Lac du Bonnet 9.04 41 Pn Pn 18 06 40.3 -0.3

ULM 0.9m,0.3s,baz=231,slow=20,SNR=2.6 18 09 14.0

WUAZ Wupatki 9.56 212 ePn Pn 18 06 47.7 -0.1

WMOK Wichita Mounta 10.34 149 ePn Pn 18 06 55.4 -3.0

FFC Fort Flon 11.11 10 ePn Pn 18 07 07.8 -1.1

NVAR Mina Arroya Bay 11.26 246 Pn Pn 18 07 11.9 +1.0

TXAR Lajitas Arroyo 14.51 175 Pn Pn 18 08 02.7 +2.2

ARCES ARCES Array B 61.32 18 P 18 04 43.1 -2.5

ZALV Zalesovo Beam 82.23 354 P 18 16 51.4 -0.1

MKAR Makanchi Array 89.53 355 P 18 17 27.6 -0.2

NEIC 05 18:05:50.3,3.7,38.85N,69.56E, h0km, mb3.8, mpv3.5, Error ellipse: s-maj=36.4km s-min=19.7km az=179.0

ISCJTB 05 18:05:54.6,0.8,38.88N,69.56E,0.0,7, h86km,16km, mb3.6/2, Error ellipse: s-maj=10.1km s-min=6.6km az=22.7

NEIC 05 18:05:56.3,1.1,38.90N,69.90E, h69km,16km, Error ellipse: s-maj=15.2km s-min=12.4km az=105.0

IDC 05 18:05:59.2,7.0,38.88N,70.08E, h93km,60km, mb3.4/2, mb1 3.3/6, mb1mx3.0/2.8, mbtmp3.2/6, ML3.0/4, Error ellipse: s-maj=56.6km s-min=29.5km az=21.0

ISC 05 18:05:56.4,0.6,38.87N,0.04,69.65E,0.0,7, h80km,14km, n25,r=145/33,mb3.6/2,2C-4D,Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like Karatay Array, Kaban, Erkin-Say, Kashi, etc.

| | | | | | | |
|-------|--|-------|-----|------|------|-----------------|
| HUMO | Hull Mountain | 69.77 | 52 | eP | P | 22 16 55.2 +2.0 |
| G06A | Carlson Farm, | 69.86 | 48 | ↑pP | pP | 22 17 03.1 -0.4 |
| OD2 | Odessa Site #2 | 69.88 | 46 | eP | P | 22 16 54.5 +0.7 |
| D08A | Wollman Farm, | 69.93 | 46 | ↓P | P | 22 16 53.5 -0.7 |
| D08A | | | | ↓pP | pP | 22 17 03.0 -0.9 |
| FINES | FINES Array B | 70.01 | 333 | P | P | 22 16 53.7 -0.7 |
| FINES | | | | LR | LR | 22 49 40.1 |
| VSR | comp=Z,159nm,19.0s,MS4.3,baz=173,slow=38 | | | eP | P | 22 16 55.1 -0.3 |
| VSR | comp=N,10.0nm,1.3s | | | | | |
| VSR | comp=Z,10.0nm,1.3s,mb4.6 | | | pmax | pmax | |
| VSR | comp=E,4.0nm,0.6s | | | | | |
| VSR | comp=N,370nm,18.0s,MS4.9 | | | MLR | MLR | |
| VSR | comp=E,500nm,18.0s,MS4.9 | | | MLR | MLR | |
| VSR | comp=Z,940nm,18.0s,MS5.1 | | | MLR | MLR | |
| E08A | Older Farm, El | 70.15 | 47 | ↑pP | pP | 22 17 04.4 -0.8 |
| NEW | Newport | 70.33 | 44 | eP | P | 22 16 57.2 +0.6 |
| NEW | | | | pmax | pmax | |
| NEW | Newport | 70.33 | 44 | eP | P | 22 16 57.1 +0.6 |
| YBH | Yreka Blue Hor | 70.37 | 52 | P | P | 22 16 56.6 -0.4 |
| YBH | Yreka Blue Hor | 70.37 | 52 | P | P | 22 16 56.6 -0.4 |
| YBH | | | | pmax | pmax | |
| YBH | Yreka Blue Hor | 70.37 | 52 | eP | P | 22 16 57.7 +0.7 |
| E09A | Wood Farm, Sta | 70.67 | 46 | ↓P | P | 22 16 58.2 -0.5 |
| E09A | | | | ↓pP | pP | 22 17 08.0 -0.5 |
| LNOR | Linnton Mounta | 70.93 | 47 | eP | P | 22 17 01.4 +1.1 |
| LNOR | | | | pmax | pmax | |
| LNOR | Linnton Mounta | 70.93 | 47 | eP | P | 22 17 01.4 +1.1 |
| C11A | Tepee Creek (N | 71.05 | 44 | ↓P | P | 22 17 00.6 -0.3 |
| C11A | | | | ↓pP | pP | 22 17 10.4 -0.3 |
| WDC | Whiskeytown Da | 71.08 | 53 | eP | P | 22 17 01.6 +0.3 |
| WDC | | | | pmax | pmax | |
| WDC | Whiskeytown Da | 71.08 | 53 | eP | P | 22 17 01.6 +0.3 |
| H08A | Prairie City | 71.42 | 48 | ↓P | P | 22 17 03.6 +0.3 |
| F10A | Beach Ranch, E | 71.50 | 46 | ↑pP | pP | 22 17 12.7 -0.8 |
| G09A | Cove | 71.55 | 47 | ↑P | P | 22 17 03.9 -0.2 |
| G09A | | | | ↓pP | pP | 22 17 13.2 -0.6 |
| WALA | Waterton Lakes | 71.67 | 42 | eP | P | 22 17 06.0 +1.2 |
| B13A | Whitefish | 71.75 | 43 | ↑P | P | 22 17 04.7 -0.5 |
| B13A | | | | ↓pP | pP | 22 17 15.1 +0.1 |
| MOD | Modoc | 71.81 | 51 | eP | P | 22 17 06.1 +0.4 |
| G10A | Bishop Farm, J | 71.93 | 47 | ↓P | P | 22 17 06.3 -0.1 |
| G10A | | | | ↓pP | pP | 22 17 15.4 -0.7 |
| D12A | Red Ives Fores | 71.99 | 45 | ↓P | P | 22 17 06.8 +0.1 |
| D12A | | | | ↓pP | pP | 22 17 15.7 -0.7 |
| A14A | Double T Ranch | 71.99 | 42 | ↑P | P | 22 17 06.8 +0.2 |
| A14A | | | | ↓pP | pP | 22 17 16.0 -0.4 |
| ZEI | Tsey | 71.99 | 310 | eP | P | 22 17 06.0 -0.8 |
| ZEI | | | | pmax | pmax | |
| BMO | Blue Mountains | 72.06 | 47 | eP | P | 22 17 08.0 +0.9 |
| BMO | | | | pP | pP | 22 17 15.8 -1.1 |
| BMO | | | | pmax | pmax | |
| BMO | Blue Mountains | 72.06 | 47 | eP | P | 22 17 08.0 +0.8 |
| BMO | | | | ↓pP | pP | 22 17 15.8 -1.1 |
| BMO | | | | ↓pP | pP | 22 17 07.1 -0.1 |
| C13A | Hot Springs | 72.08 | 44 | ↑P | P | 22 17 07.1 -0.1 |
| KIV | Kislovodsk | 72.09 | 312 | eP | P | 22 17 08.1 +0.7 |
| KIV | | | | pmax | pmax | |
| KIV | Kislovodsk | 72.09 | 312 | eP | P | 22 17 07.9 +0.6 |
| J08A | Circle Bar Ran | 72.17 | 49 | ↓P | P | 22 17 07.6 -0.2 |
| J08A | | | | ↓pP | pP | 22 17 17.7 +0.1 |
| F11A | Grangeville | 72.17 | 46 | ↓P | P | 22 17 07.2 -0.6 |
| E12A | Beaver Dam Sad | 72.22 | 45 | ↓P | P | 22 17 08.2 +0.1 |
| E12A | | | | ↓pP | pP | 22 17 17.4 -0.4 |
| I09A | Lost Marbles R | 72.28 | 48 | ↑P | P | 22 17 08.8 +0.3 |
| I09A | | | | ↓pP | pP | 22 17 17.8 -0.5 |
| A15A | Johnson Ranch, | 72.36 | 42 | ↓P | P | 22 17 08.5 -0.3 |
| A15A | | | | ↓pP | pP | 22 17 17.2 -1.4 |
| G11A | Walters Elk Ra | 72.38 | 46 | ↓P | P | 22 17 08.9 -0.1 |
| G11A | | | | ↓pP | pP | 22 17 18.0 -0.8 |
| B14A | Marquette Ranc | 72.42 | 43 | ↓P | P | 22 17 08.3 -0.9 |
| B14A | | | | ↓pP | pP | 22 17 18.6 -0.3 |
| D13A | Huson | 72.47 | 44 | ↓P | P | 22 17 09.1 -0.4 |
| D13A | | | | ↓pP | pP | 22 17 18.7 -0.6 |
| C14A | Swan Lake | 72.49 | 43 | ↑P | P | 22 17 09.1 -0.5 |
| C14A | | | | ↓pP | pP | 22 17 19.0 -0.4 |
| SWMT | Swartz Lake | 72.50 | 44 | eP | P | 22 17 10.5 +0.8 |
| H10A | Noah's Angus R | 72.54 | 47 | ↑P | P | 22 17 09.1 -0.9 |
| H10A | | | | ↓pP | pP | 22 17 18.8 -1.0 |
| WVOR | Wild Horse Val | 72.57 | 50 | eP | P | 22 17 11.3 +1.1 |
| WVOR | | | | eP | P | 22 17 19.1 -0.9 |
| WVOR | | | | pmax | pmax | |
| WVOR | Wild Horse Val | 72.57 | 50 | eP | P | 22 17 11.2 +1.0 |
| WVOR | | | | ↓pP | pP | 22 17 19.1 -0.9 |
| WVOR | | | | ↓pP | pP | 22 17 10.7 -0.6 |
| F12A | Elk City | 72.77 | 46 | ↓P | P | 22 17 20.8 -0.3 |
| F12A | | | | ↓pP | pP | 22 17 20.8 -0.3 |
| B15A | Bradley Ranch, | 72.83 | 42 | ↓P | P | 22 17 11.1 -0.6 |
| B15A | | | | ↓pP | pP | 22 17 20.7 -0.8 |
| BEKR | Beckworth | 72.87 | 53 | ↓P | P | 22 17 11.7 -0.4 |
| BEKR | | | | ↓pP | pP | 22 17 21.1 -0.7 |
| GNI | Garni | 72.87 | 307 | eP | P | 22 17 12.2 +0.2 |
| GNI | | | | pmax | pmax | |
| GNI | Garni | 72.87 | 307 | eP | P | 22 17 12.6 +0.5 |
| GNI | | | | pmax | pmax | |

| | | | | | | |
|------|------------------------|-------|-----|------|------|-----------------|
| GNI | Garni | 72.87 | 307 | eP | P | 22 17 13.0 +0.9 |
| MSO | Missoula | 72.92 | 44 | eP | P | 22 17 12.7 +0.5 |
| D14A | Greenough | 73.02 | 44 | ↑pP | pP | 22 17 21.8 -0.8 |
| C15A | Salmond Ranch, | 73.12 | 43 | ↑P | P | 22 17 13.3 -0.1 |
| B16A | M & M Farms, S | 73.24 | 42 | ↓P | P | 22 17 14.0 -0.1 |
| B16A | | | | ↓pP | pP | 22 17 23.3 -0.6 |
| CHMT | Chamberlain Mo | 73.25 | 44 | eP | P | 22 17 13.9 -0.3 |
| CHMT | | | | eP | P | 22 17 22.6 -1.4 |
| F13A | Darby | 73.28 | 45 | ↓P | P | 22 17 13.7 -0.7 |
| F13A | | | | ↓pP | pP | 22 17 23.6 -0.5 |
| K10A | MacKenzie Ranc | 73.47 | 49 | ↑pP | pP | 22 17 25.3 -0.1 |
| C16A | Fuhringer Ranc | 73.58 | 43 | ↑P | P | 22 17 15.7 -0.3 |
| C16A | | | | ↓pP | pP | 22 17 25.5 -0.4 |
| IZAR | Zarasai | 73.62 | 328 | eP | P | 22 17 16.7 +0.5 |
| H12A | Diamond D Ranc | 73.68 | 47 | ↓P | P | 22 17 16.3 -0.5 |
| H12A | | | | ↓pP | pP | 22 17 25.8 -0.7 |
| IDID | Diziasalis | 73.69 | 328 | eP | P | 22 17 17.2 +0.6 |
| G13A | Cobalt | 73.74 | 46 | ↓P | P | 22 17 16.5 -0.6 |
| G13A | | | | ↓pP | pP | 22 17 26.0 -0.8 |
| ISAL | Salakas | 73.79 | 328 | eP | P | 22 17 17.8 +0.6 |
| B17A | L&G Farms, Che | 73.80 | 42 | ↑P | P | 22 17 17.0 -0.4 |
| B17A | | | | ↓pP | pP | 22 17 26.8 -0.4 |
| F14A | Wisdom | 73.82 | 45 | ↓pP | pP | 22 17 26.8 -0.5 |
| E15A | Deer Lodge | 73.88 | 44 | ↑P | P | 22 17 17.4 -0.5 |
| E15A | | | | ↓pP | pP | 22 17 27.1 -0.6 |
| JIGN | Ignalina | 73.89 | 328 | eP | P | 22 17 18.2 +0.5 |
| A18A | Metzger Ranch, | 73.94 | 41 | ↑P | P | 22 17 17.8 -0.4 |
| I12A | Atlanta | 73.95 | 47 | ↑P | P | 22 17 18.2 -0.2 |
| I12A | | | | ↓pP | pP | 22 17 27.7 -0.4 |
| K11A | Parker Ranch, | 73.98 | 49 | ↑P | P | 22 17 18.4 -0.1 |
| H13A | Challis | 74.03 | 46 | ↓P | P | 22 17 18.5 -0.3 |
| H13A | | | | ↓pP | pP | 22 17 27.7 -0.8 |
| SOC | Sochi | 74.09 | 312 | eP | P | 22 17 16.8 -2.4 |
| SOC | | | | eS | S | 22 26 49.5 -0.3 |
| SOC | | | | eSS | SS | 22 27 39.3 |
| SOC | | | | pmax | pmax | 22 31 39.8 +5.5 |
| SOC | | | | MLR | MLR | |
| L10A | Juniper Basin | 74.11 | 49 | ↓P | P | 22 17 18.4 -0.9 |
| L10A | | | | ↓pP | pP | 22 17 28.7 -0.4 |
| FFC | Flin Flin | 74.14 | 33 | eP | P | 22 17 19.7 +0.5 |
| FFC | | | | pmax | pmax | |
| FFC | Flin Flin | 74.14 | 33 | eP | P | 22 17 19.7 +0.5 |
| D16A | Dana Ranch, Ca | 74.14 | 43 | ↑P | P | 22 17 19.0 -0.3 |
| C17A | Wharum Farm, | 74.21 | 42 | ↑P | P | 22 17 19.4 -0.5 |
| C17A | | | | ↓pP | pP | 22 17 28.6 -1.0 |
| B18A | Beardsley Farm | 74.29 | 41 | ↑P | P | 22 17 19.6 -0.6 |
| B18A | | | | ↓pP | pP | 22 17 29.6 -0.4 |
| F15A | Butte | 74.31 | 44 | ↓P | P | 22 17 20.6 +0.2 |
| F15A | | | | ↓pP | pP | 22 17 29.6 -0.6 |
| LRM | Limekiln Ridge | 74.34 | 44 | eP | P | 22 17 21.2 +0.7 |
| E16A | East Helena | 74.36 | 44 | ↑P | P | 22 17 19.9 -0.8 |
| E16A | | | | ↓pP | pP | 22 17 29.9 -0.6 |
| M10A | L. Ranch, Tu | 74.38 | 50 | ↓pP | pP | 22 17 30.5 -0.2 |
| I13A | Wildhorse Cree | 74.48 | 47 | ↓P | P | 22 17 20.7 -0.7 |
| I13A | | | | ↓pP | pP | 22 17 31.0 -0.2 |
| L11A | Cat Creek Ranc | 74.50 | 49 | ↑P | P | 22 17 21.4 -0.1 |
| L11A | | | | ↓pP | pP | 22 17 31.2 -0.2 |
| HLID | Hailey | 74.51 | 47 | ↑P | P | 22 17 21.1 -0.5 |
| HLID | | | | ↓pP | pP | 22 17 21.9 +0.3 |
| H14A | Learee | 74.51 | 46 | ↑P | P | 22 17 21.4 -0.2 |
| DLMT | Dillon | 74.53 | 45 | eP | P | 22 17 22.4 +0.7 |
| EGMT | comp=Z,22nm,1.0s,mb5.0 | 74.53 | 42 | ↓P | P | 22 17 20.2 -1.4 |
| EGMT | | | | ↓pP | pP | 22 17 30.5 -0.9 |
| EGMT | Eggleton | 74.53 | 42 | eP | P | 22 17 21.5 -0.1 |
| D17A | Six Diamond Ra | 74.54 | 43 | ↓P | P | 22 17 21.1 -0.7 |
| D17A | | | | ↓pP | pP | 22 17 31.0 -0.5 |
| FCC | Fort Churchill | 74.55 | 27 | eP | P | 22 17 21.4 -0.1 |
| G15A | Dillon | 74.70 | 45 | ↓P | P | 22 17 22.2 -0.5 |
| G15A | | | | ↓pP | pP | 22 17 32.4 -0.1 |
| ANN | Anapa | 74.73 | 314 | eP | P | 22 17 20.7 -2.2 |
| ANN | | | | pmax | pmax | |
| J13A | Cove Ranch, PI | 74.74 | 47 | ↑P | P | 22 17 23.0 0.0 |
| K12A | Draper Farm, C | 74.75 | 48 | ↓P | P | 22 17 23.1 +0.1 |
| F16A | Kennard Place, | 74.83 | 44 | ↓P | P | 22 17 23.4 0.0 |
| E17A | Martinsdale | 74.86 | 43 | ↑P | P | 22 17 23.7 +0.1 |
| E17A | | | | ↓pP | pP | 22 17 33.0 -0.4 |
| I14A | Mackay | 74.86 | 47 | ↓P | P | 22 17 23.7 0.0 |
| I14A | | | | ↓pP | pP | 22 17 33.6 +0.1 |
| M11A | Holland Ranch, | 74.89 | 50 | ↑pP | pP | 22 17 33.9 +0.3 |
| BOZ | Bozeman (W) | 74.91 | 44 | ↑P | P | 22 17 24.0 +0.1 |
| BOZ | | | | ↓pP | pP | 22 17 33.2 -0.5 |
| BOZ | Bozeman (W) | 74.91 | 44 | eP | P | 22 17 24.0 +0.1 |
| BOZ | | | | pmax | pmax | |
| BOZ | Bozeman (W) | 74.91 | 44 | eP | P | 22 17 24.0 +0.1 |
| BOZ | | | | pmax | pmax | |
| BOZ | Bozeman (W) | 74.91 | 44 | eP | P | 22 17 24.0 +0.1 |
| BOZ | | | | pmax | pmax | |
| H15A | Lima | 74.93 | 46 | ↓P | P | 22 17 22.3 -1.7 |
| L12A | House Creek Ra | 74.96 | 49 | ↓P | P | 22 17 24.0 -0.3 |
| NVAR | Minna Array Bea | 74.99 | 53 | P | P | 22 17 24.1 -0.4 |
| D18A | Lincoln Farms, | 75.00 | 42 | ↓P | P | 22 17 24.1 -0.2 |
| D18A | | | | ↓pP | pP | 22 17 33.9 -0.3 |

| | | | | | | |
|------|----------------|-------|-----|-----|----|-----------------|
| G16A | Moss Hill, Enn | 75.06 | 45 | ↑P | P | 22 17 24.4 -0.3 |
| G16A | | | | ↓pP | pP | 22 17 34.0 -0.6 |
| F17A | Fitzpatrick PI | 75.30 | 44 | ↑P | P | 22 17 26.1 0.0 |
| E18A | Harlowton | 75.32 | 43 | ↓P | P | 22 17 25.3 -1.0 |
| E18A | | | | ↓pP | pP | 22 17 35.8 -0.2 |
| NB2 | NORSAR Subarra | 75.36 | 338 | P | P | 22 17 26.6 +0.4 |
| NOA | NORSAR Array B | 75.36 | 338 | P | P | 22 17 26.9 +0.7 |
| NOA | | | | LR | LR | 22 53 53.2 |
| M12A | Wells | 75.44 | 49 | | | |

| | | | | | | | |
|-------|--|-------|-----|----|------|------------|------|
| S13A | Holt Ranch, En | 78.35 | 52 | uP | pP | 22 17 53.2 | -0.2 |
| HEC | Hector, Ludlow | 78.36 | 55 | uP | pP | 22 17 53.5 | +0.1 |
| V11A | Goodsprings | 78.36 | 54 | uP | pP | 22 17 53.5 | +0.1 |
| T13A | Saint George | 78.65 | 52 | uP | pP | 22 17 55.0 | -0.1 |
| O17A | Robinson Place | 78.71 | 48 | uP | P | 22 17 45.4 | 0.0 |
| MSU | Marynsvale | 78.75 | 50 | eP | P | 22 17 48.1 | +1.9 |
| MSU | comp=Z,9.0nm,1.2s,mb4.6 | | | | pmax | | |
| MSU | Marynsvale | 78.85 | 50 | eP | P | 22 17 48.1 | +1.8 |
| BELC | Belle Mtn. Jos | 79.06 | 56 | uP | P | 22 17 47.5 | 0.0 |
| N19A | John Jarvie Ra | 79.22 | 47 | uP | P | 22 17 47.8 | -0.4 |
| V13A | Grand Canyon W | 79.30 | 53 | uP | P | 22 17 49.0 | +0.3 |
| KWP | Kalwaria Pacia | 79.34 | 325 | eP | P | 22 17 49.2 | +0.5 |
| KWP | comp=Z,28nm,1.1s,mb5.1 | | | | pmax | | |
| KWP | Kalwaria Pacia | 79.34 | 325 | eP | P | 22 17 49.1 | +0.4 |
| P18A | Preston Nutter | 79.36 | 49 | uP | P | 22 17 48.8 | -0.1 |
| M20A | Sweetwater, Wa | 79.43 | 46 | uP | P | 22 17 48.9 | -0.4 |
| SRU | San Rafael | 79.51 | 49 | uP | P | 22 17 49.5 | -0.3 |
| SRU | San Rafael | 79.51 | 49 | eP | pmax | 22 17 50.3 | +0.5 |
| SRU | comp=Z,1.7nm,1.2s,mb4.8 | | | | | | |
| SRU | San Rafael | 79.51 | 49 | eP | P | 22 17 50.3 | +0.5 |
| BUR08 | Bucovina Ar. S | 79.51 | 322 | eP | P | 22 17 51.1 | +1.4 |
| L21A | Rawlins | 79.60 | 45 | uP | P | 22 17 50.0 | -0.3 |
| T15A | Red Dirt Ranch | 79.63 | 52 | uP | P | 22 17 50.0 | -0.5 |
| BC3 | Big Chuckawall | 79.63 | 56 | uP | P | 22 17 50.4 | -0.2 |
| N20A | Spence Gulch, | 79.80 | 47 | uP | P | 22 17 50.6 | -0.7 |
| ULM | Lac du Bonnet | 79.92 | 34 | uP | P | 22 17 52.8 | +1.0 |
| V14A | Boquillas Ranc | 80.00 | 53 | uP | P | 22 17 52.3 | -0.3 |
| BR13I | Heskin Array S | 80.04 | 312 | eP | P | 22 17 53.3 | +0.6 |
| BRTR | Keeskin Array B | 80.04 | 312 | P | | 22 17 53.6 | +0.9 |
| BRTR | comp=Z,2.0nm,0.8s,mb4.1,baz=225,slow=3.3,SNR=9.6 | | | | LR | 22 57 53.3 | |
| BRTR | Keeskin Array B | 80.04 | 312 | eP | pmax | 22 17 53.5 | +0.8 |
| BRTR | comp=Z,2.0nm,0.8s | | | | pmax | | |
| U15A | North Rim | 80.04 | 52 | uP | P | 22 17 52.3 | -0.5 |
| P19A | Cripple Cowboy | 80.12 | 48 | uP | P | 22 17 52.6 | -0.5 |
| STHS | Stebnicka Huta | 80.17 | 325 | eP | pmax | 22 17 54.4 | +1.2 |
| STHS | comp=Z,4.0nm,1.2s,mb4.2 | | | | | | |
| STHS | Stebnicka Huta | 80.17 | 325 | eP | P | 22 17 54.4 | +1.2 |
| STHS | comp=Z,3.8nm,1.2s,mb4.2 | | | | | | |
| UZH | Uzhgorod | 80.24 | 324 | eP | P | 22 17 55.0 | +1.4 |
| UZH | comp=Z,4.3nm,1.0s,mb4.3 | | | | pP | 22 18 03.6 | +0.2 |
| O20A | White River Ci | 80.25 | 47 | iP | P | 22 17 53.6 | -0.2 |
| OJ | Ojcow | 80.25 | 327 | eP | P | 22 17 51.3 | -2.3 |
| W14C | Seligman | 80.27 | 54 | uP | P | 22 17 53.7 | -0.3 |
| CRVS | Cervenica-Dubn | 80.44 | 325 | eP | pmax | 22 17 53.8 | -0.8 |
| CRVS | comp=Z,3.98nm,6.0s | | | | pmax | | |
| CRVS | Cervenica-Dubn | 80.44 | 325 | eP | P | 22 17 53.8 | -0.8 |
| CRVS | comp=Z,3.98nm,6.0s | | | | | | |
| CRVS | Cervenica-Dubn | 80.44 | 325 | eP | P | 22 17 53.8 | -0.8 |
| V15A | Kalbab Nationa | 80.49 | 53 | uP | P | 22 17 55.1 | -0.1 |
| NIE | Niedzica | 80.60 | 326 | eP | P | 22 17 56.6 | +1.1 |
| S18A | Hurst Farm, BI | 80.71 | 50 | uP | P | 22 17 56.0 | -0.3 |
| S18A | comp=Z,2.0nm,0.7s,mb4.0 | | | | uP | 22 18 06.3 | +0.1 |
| W15A | Williams | 80.82 | 53 | uP | pP | 22 18 07.4 | +0.6 |
| N22A | Wattenberg Ran | 80.87 | 46 | uP | pP | 22 18 06.9 | -0.1 |
| PV04 | Paradox Valley | 80.94 | 49 | eP | P | 22 17 59.2 | +1.6 |
| Q20A | Ridgley Place, | 80.96 | 48 | uP | P | 22 17 56.2 | -1.4 |
| WUAZ | Wupatki | 81.19 | 52 | eP | P | 22 18 00.0 | +1.1 |
| WUAZ | comp=Z,5.2nm,1.0s,mb4.4 | | | | | | |
| S19A | Harvey Farm, M | 81.21 | 50 | uP | pP | 22 18 08.4 | -0.4 |
| OKC | Ostrava-Krasne | 81.26 | 327 | eP | pP | 22 17 59.2 | +0.2 |
| OKC | comp=Z,4.0nm,1.3s,MS5.0 | | | | MLR | 22 18 09.4 | +0.5 |
| OKC | Ostrava-Krasne | 81.26 | 327 | eP | pP | 22 17 59.2 | +0.2 |
| OKC | comp=Z,3.8nm,1.2s,mb4.2 | | | | pP | 22 18 09.4 | +0.5 |
| OKC | Ostrava-Krasne | 81.26 | 327 | eP | pP | 22 18 09.4 | +0.5 |
| OKC | comp=Z,4.0nm,1.3s,MS5.0 | | | | AMS | 23 01 10.0 | |
| KSP | Ksiaz | 81.31 | 329 | eP | P | 22 17 59.8 | +0.5 |
| PV01 | Paradox Valley | 81.31 | 49 | eP | P | 22 18 00.4 | +0.9 |
| R20A | Redvale | 81.39 | 49 | uP | P | 22 17 59.8 | -0.2 |
| P22A | Eagle | 81.47 | 47 | uP | P | 22 18 00.3 | -0.1 |
| MORC | Moravsky Berou | 81.57 | 327 | eP | pmax | 22 18 00.6 | -0.1 |
| MORC | comp=Z,5.0nm,1.1s,mb4.4 | | | | pmax | | |
| MORC | Moravsky Berou | 81.57 | 327 | eP | P | 22 18 00.6 | -0.1 |
| U18A | Rough Rock, Ch | 81.58 | 51 | uP | P | 22 18 00.6 | -0.4 |
| SMCO | Snowmass | 81.61 | 47 | eP | P | 22 18 02.6 | +1.5 |
| DPC | Dobruska-Polom | 81.67 | 328 | eP | P | 22 18 02.4 | +1.2 |
| DPC | comp=Z,5.0nm,1.4s,MS5.0 | | | | MLR | 22 18 09.0 | |
| DPC | Dobruska-Polom | 81.67 | 328 | eP | P | 22 18 02.4 | +1.2 |
| DPC | comp=Z,5.0nm,1.4s,MS5.0 | | | | MLR | 22 18 09.0 | |
| DPC | Dobruska-Polom | 81.67 | 328 | eP | pP | 22 18 02.4 | +1.2 |
| DPC | comp=Z,5.0nm,1.4s,MS5.0 | | | | AMS | 22 18 09.0 | -2.1 |
| DPC | Dobruska-Polom | 81.67 | 328 | eP | pP | 22 18 02.4 | +1.2 |
| DPC | comp=Z,5.0nm,1.4s,MS5.0 | | | | AMS | 22 18 09.0 | -2.1 |
| UPC | Udice | 81.68 | 329 | eP | pP | 22 18 02.4 | +1.2 |
| UPC | comp=Z,5.0nm,1.4s,MS5.0 | | | | pP | 22 18 10.3 | -0.8 |
| R21A | Cimarron | 81.78 | 48 | uP | P | 22 18 01.5 | -0.5 |
| PSZ | Piszkesteto | 81.87 | 325 | eP | pmax | 22 18 02.5 | +0.2 |
| PSZ | comp=Z,7.0nm,1.0s,mb4.5 | | | | pmax | | |
| PSZ | Piszkesteto | 81.87 | 325 | eP | P | 22 18 02.5 | +0.2 |
| PSZ | comp=Z,7.0nm,1.0s,mb4.5 | | | | | | |
| VYHS | Vyhne | 81.94 | 326 | eP | P | 22 18 03.0 | +0.4 |
| VYHS | comp=Z,3.9nm,1.0s,mb4.0 | | | | pmax | | |
| VYHS | Vyhne | 81.94 | 326 | eP | P | 22 18 03.0 | +0.4 |
| V18A | Ganado | 81.99 | 52 | uP | P | 22 18 02.7 | -0.4 |
| S21A | Coal Bank Pass | 82.09 | 49 | uP | P | 22 18 03.8 | +0.2 |
| BRG | Berggiesshubel | 82.26 | 330 | iP | P | 22 18 05.0 | +0.7 |
| BRG | comp=Z,4.6nm,1.8s,MS4.9,baz=318,slow=1.7,SNR=14 | | | | LR | 23 01 21.7 | |
| BRG | comp=N,588nm,14.3s | | | | | | |
| BRG | comp=E,423nm,12.6s | | | | | | |
| BRG | comp=Z,5.13nm,1.5s,MS5.0 | | | | | | |
| BRG | Berggiesshubel | 82.26 | 330 | iP | P | 22 18 05.0 | +0.7 |

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|------|--------------------------|-------|-----|----|------|------------|------|
| BRG | comp=Z,6.0nm,1.6s,mb4.3 | | | | pmax | | |
| BRG | comp=N,352nm,14.3s,MS5.0 | | | | MLR | MLR | |
| BRG | comp=E,253nm,12.6s,MS5.0 | | | | MLR | MLR | |
| BRG | comp=Z,307nm,15.1s,MS4.8 | | | | MLR | MLR | |
| PVCC | Panska Ves | 82.27 | 329 | eP | P | 22 18 05.3 | +1.0 |
| PVCC | comp=Z,600nm,13.8s,MS5.1 | | | | MLR | MLR | |
| PVCC | Panska Ves | 82.27 | 329 | eP | P | 22 18 05.3 | +1.0 |
| PVCC | comp=Z,600nm,13.8s | | | | | | |
| PVCC | Panska Ves | 82.27 | 329 | eP | pP | 22 18 11.3 | +1.0 |
| PVCC | comp=Z,600nm,13.8s | | | | AMS | 22 59 20.0 | |
| PVCC | Panska Ves | 82.27 | 329 | eP | P | 22 18 05.3 | +1.0 |
| PVCC | comp=Z,600nm,13.8s | | | | | | |
| CLL | Collim | 82.30 | 331 | iP | P | 22 18 04.2 | -0.3 |
| CLL | comp=Z,7.0nm,1.0s,mb4.5 | | | | iP | 22 18 11.6 | -2.8 |
| CLL | Collim | 82.30 | 331 | iP | pP | 22 18 11.6 | -2.8 |
| CLL | comp=Z,7.0nm,1.0s,mb4.5 | | | | iP | 22 18 11.6 | -2.8 |
| CLL | Collim | 82.30 | 331 | iP | S | 22 18 04.2 | -0.3 |
| CLL | comp=Z,7.0nm,1.0s,mb4.5 | | | | iP | 22 18 06.5 | |
| CLL | Collim | 82.30 | 331 | iP | pP | 22 18 11.6 | -2.8 |
| CLL | comp=Z,7.0nm,1.0s,mb4.5 | | | | iP | 22 18 11.6 | -2.8 |
| CLL | Collim | 82.30 | 331 | iP | S | 22 18 04.2 | -0.3 |
| CLL | comp=Z,7.0nm,1.0s,mb4.5 | | | | iP | 22 18 06.5 | |
| CLL | Collim | 82.30 | 331 | iP | pP | 22 18 11.6 | -2.8 |
| CLL | comp=Z,7.0nm,1.0s,mb4.5 | | | | iP | 22 18 11.6 | -2.8 |
| CLL | Collim | 82.30 | 331 | iP | S | 22 18 04.2 | -0.3 |
| CLL | comp=Z,7.0nm,1.0s,mb4.5 | | | | iP | 22 18 06.5 | |
| CLL | Collim | 82.30 | 331 | iP | pP | 22 18 11.6 | -2.8 |
| CLL | comp=Z,7.0nm,1.0s,mb4.5 | | | | iP | 22 18 11.6 | -2.8 |
| CLL | Collim | 82.30 | 331 | iP | S | 22 18 04.2 | -0.3 |
| CLL | comp=Z,7.0nm,1.0s,mb4.5 | | | | iP | 22 18 06.5 | |
| CLL | Collim | 82.30 | 331 | iP | pP | 22 18 11.6 | -2.8 |
| CLL | comp=Z,7.0nm,1.0s,mb4.5 | | | | iP | 22 18 11.6 | -2.8 |
| CLL | Collim | 82.30 | 331 | iP | S | 22 18 04.2 | -0.3 |
| CLL | comp=Z,7.0nm,1.0s,mb4.5 | | | | iP | 22 18 06.5 | |
| CLL | Collim | 82.30 | 331 | iP | pP | 22 18 11.6 | -2.8 |
| CLL | comp=Z,7.0nm,1.0s,mb4.5 | | | | iP | 22 18 11.6 | -2.8 |
| CLL | Collim | 82.30 | 331 | iP | S | 22 18 04.2 | -0.3 |
| CLL | comp=Z,7.0nm,1.0s,mb4.5 | | | | iP | 22 18 06.5 | |
| CLL | Collim | 82.30 | 331 | iP | pP | 22 18 11.6 | -2.8 |
| CLL | comp=Z,7.0nm,1.0s,mb4.5 | | | | iP | 22 18 11.6 | -2.8 |
| CLL | Collim | 82.30 | 331 | iP | S | 22 18 04.2 | -0.3 |
| CLL | comp=Z,7.0nm,1.0s,mb4.5 | | | | iP | 22 18 06.5 | |
| CLL | Collim | 82.30 | 331 | iP | pP | 22 18 11.6 | -2.8 |
| CLL | comp=Z,7.0nm,1.0s,mb4.5 | | | | iP | 22 18 11.6 | -2.8 |
| CLL | Collim | 82.30 | 331 | iP | S | 22 18 04.2 | -0.3 |
| CLL | comp=Z,7.0nm,1.0s,mb4.5 | | | | iP | 22 18 06.5 | |
| CLL | Collim | 82.30 | 331 | iP | pP | 22 18 11.6 | -2.8 |
| CLL | comp=Z,7.0nm,1.0s,mb4.5 | | | | iP | 22 18 11.6 | -2.8 |
| CLL | Collim | 82.30 | 331 | iP | S | 22 18 04.2 | -0.3 |
| CLL | comp=Z,7.0nm,1.0s,mb4.5 | | | | iP | 22 18 06.5 | |
| CLL | Collim | 82.30 | 331 | iP | pP | 22 18 11.6 | -2.8 |
| CLL | comp=Z,7.0nm,1.0s,mb4.5 | | | | iP | 22 18 11.6 | -2.8 |
| CLL | Collim | 82.30 | 331 | iP | S | 22 18 04.2 | -0.3 |
| CLL | comp=Z,7.0nm,1.0s,mb4.5 | | | | iP | 22 18 06.5 | |
| CLL | Collim | 82.30 | 331 | iP | pP | 22 18 11.6 | -2.8 |
| CLL | comp=Z,7.0nm,1.0s,mb4.5 | | | | iP | 22 18 11.6 | -2.8 |
| CLL | Collim | 82.30 | 331 | iP | S | 22 18 04.2 | -0.3 |
| CLL | comp=Z,7.0nm,1.0s,mb4.5 | | | | iP | 22 18 06.5 | |
| CLL | Collim | 82.30 | 331 | iP | pP | 22 18 11.6 | -2.8 |
| CLL | comp=Z,7.0nm,1.0s,mb4.5 | | | | iP | 22 18 11.6 | -2.8 |
| CLL | Collim | 82.30 | 331 | iP | S | 22 18 04.2 | -0.3 |
| CLL | comp=Z,7.0nm,1.0s,mb4.5 | | | | iP | 22 18 06.5 | |
| CLL | Collim | 82.30 | 331 | iP | pP | 22 18 11.6 | -2.8 |
| CLL | comp=Z,7.0nm,1.0s,mb4.5 | | | | iP | 22 18 11.6 | -2.8 |
| CLL | Collim | 82.30 | 331 | iP | S | 22 18 04.2 | -0.3 |
| CLL | comp=Z,7.0nm,1.0s,mb4.5 | | | | iP | 22 18 06.5 | |
| CLL | Collim | 82.30 | 331 | iP | pP | 22 18 11.6 | -2.8 |
| CLL | comp=Z,7.0nm,1.0s,mb4.5 | | | | iP | 22 18 11.6 | -2.8 |
| CLL | Collim | 82.30 | 331 | iP | S | 22 18 04.2 | -0.3 |
| CLL | comp=Z,7.0nm,1.0s,mb4.5 | | | | iP | 22 18 06.5 | |
| CLL | Collim | 82.30 | 331 | iP | pP | 22 | |

mb1.4.0/11,mb1mx3.8/28,mbtmp3.9/11,ML4.1/2, Error ellipse: s-maj=30.0km s-min=16.6km az=60.0 PGC 0522:27:25.8, 71.56N:134.09W, h35km, ML3.7/1, 311km west of Sachs Harbour, NT Beaufort Sea NEIC 0522:27:25.8, 71.56N:134.09W, h35km, ML3.8(AEIC), ML3.7(PGC), After PGC.

ISC 0522:47:23.7, 9.7145N:0.05:133.8W:0.1, h15km, 20km, n49, c090/68, mb3.9/11, 11D, Beaufort Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like INK, BM3, COLA, DAWY, etc.

ISCJCB 0522:50:23.3, 0.7, 11.14S:0.09:41.3E:0.1, h10km, mb3.8/7, MS3.1/3, Error ellipse: s-maj=14.9km s-min=12.9km az=145.2

ISC 0522:50:24.8, 0.8, 11.02S:41.7E, h0km, mb3.9/8, mb1.4.1/9, mb1mx3.7/25, mbtmp4.0/9, ML5.0/1, MS3.3/4, Ms1.3/4, ms1mx2.9/24, Error ellipse: s-maj=28.6km s-min=18.3km az=129.0

NEIC 0522:50:25.2, 0.7, 11.02S:41.28E, h10km, mb4.1/2, Error ellipse: s-maj=15.2km s-min=12.4km az=71.0

ISC 0522:50:25.0, 6.1, 11.01S:0.08:41.3E:0.09, h10km, n16, c136/21, mb3.8/7, MS3.1/3, Northwest of Madagascar

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

Table with columns: ZALV, ASAR, WRA. Lists stations like Miresova Beam, Alice Springs, Warrungarra Arr.

WEL 0523:02:41.1, 1.0, 3.67S:177.47E, h211km, 4km, ML3.9/8, Error ellipse: s-maj=7.1km s-min=6.3km az=90.0, Off east coast of North Island

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

IDC 0523:03:35.7, 3.1, 23.49S:179.97E, h517km, 30km, mb3.4/6, mb1.3/6.7, mb1mx3.4/15, mbtmp3.4/7, Error ellipse: s-maj=26.8km s-min=25.2km az=156.5

ISCJCB 0523:03:36.5, 5.0, 23.55S:0.3:179.9E:0.2, h539km, 63km, mb4.0/8, Error ellipse: s-maj=43.9km s-min=23.1km az=27.0

NEIC 0523:03:36.9, 2.9, 23.54S:179.97E, h536km, 33km, mb4.3/3, Error ellipse: s-maj=28.9km s-min=15.3km az=206.0

ISC 0523:03:35.7, 4.4, 23.55S:0.3:180.0E:0.2, h517km, 52km, n16, c050/12, mb4.0/8, South of Fiji Islands

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

CSEM 0523:26:13.6, 0.3, 40.34N:13.12E, h20km, ML4.1/8, Error ellipse: s-maj=5.1km s-min=3.8km az=12.0

ROM 0523:26:18.5, 0.3, 40.54N:13.29E, h4km, 2km, ML2.9/34, Error ellipse: s-maj=2.4km s-min=2.1km az=59.0

ISCJCB 0523:26:19.8, 1.0, 40.52N:0.04:13.28E:0.04, h17km, 8km, Error ellipse: s-maj=7.4km s-min=5.1km az=11.2

ISC 0523:26:14.0, 0.6, 40.37N:0.03:13.12E:0.03, h17km, 6km, n80, c099/102, 4D, Tyrrhenian Sea

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

NEIC 0523:41:38.9, 2.1, 7.10S:129.37E, h164km, 23km, mb4.3/7, Error ellipse: s-maj=20.3km s-min=12.4km az=49.0

IDC 0523:41:40.1, 5.4, 7.00S:129.33E, h170km, 55km, mb3.7/10, mb1.3/8.1/1, mb1mx3.7/16, mbtmp3.7/11, Error ellipse: s-maj=25.7km s-min=16.7km az=56.0

ISC 0523:40:43.1, 1.7, 44S:0.05:129.09E:0.07, h185km, 12km, n46, c108/52, mb4.4/21, Banda Sea

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

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

NEIC 0523:41:38.9, 2.1, 7.10S:129.37E, h164km, 23km, mb4.3/7, Error ellipse: s-maj=20.3km s-min=12.4km az=49.0

IDC 0523:41:40.1, 5.4, 7.00S:129.33E, h170km, 55km, mb3.7/10, mb1.3/8.1/1, mb1mx3.7/16, mbtmp3.7/11, Error ellipse: s-maj=25.7km s-min=16.7km az=56.0

ISC 0523:40:43.1, 1.7, 44S:0.05:129.09E:0.07, h185km, 12km, n46, c108/52, mb4.4/21, Banda Sea

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

Table with columns: ITM, Ithomi, 0.78 149 ePn, Pn, 00 51 36.6 -1.3, JNK, Nakash, 4.92 252 P Pn, 01 01 22.4 +0.8, JSR, Shiriuchi, 8.69 248 P Pn, 01 02 11.6 -1.6

Table with columns: JAK, Akkeshi, 5.20 246 P Pn, 01 01 24.5 -0.8, JSR, Tanohata, 8.71 235 P Pn, 01 02 09.7 -3.8

Table with columns: JTH, Ashohiro-Toko, 5.34 258 P Pn, 01 01 29.2 +1.8, JTH, Tanohata, 8.71 235 P Pn, 01 02 09.7 -3.8

NIED 06 01:00:00, 45:30N, 151:50E, h17km, Mw5.7 Best double couple: M0:3.95000x1017, N1:28.00000, delta:0.00000, lambda:110.00000, ...

YSS comp=Z,2um,9.0s pmax pmax, YSS comp=Z,510nm,1.0s MLR MLR, YSS comp=N,16um,16.0s MLR MLR

PET comp=Z,200nm,8.6s pmax pmax, PET comp=Z,117nm,0.7s pmax pmax, PET comp=Z,900nm,16.2s MLR MLR

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC, Kuril'sk, 2.32 269 P Pn, 01 00 46.0 +0.2

Table with columns: JFR, Furan, 6.52 254 P Pn, 01 01 45.0 +1.5, JWK2, Keihoku, 6.53 273 P Pn, 01 01 48.5 +4.9

Table with columns: SMY, Shemya, 16.72 55 eP Pn, 01 04 02.2 +0.6, SMY, Shemya, 16.72 55 eP Pn, 01 04 02.2 +0.6

| | | | | | | | | | |
|------|-------------------------|--------|-------|-------|-------|------------|------|--|--|
| SNY | comp=N,9um,15.0s,MS5.5 | LR | LR | | | | | | |
| SNY | comp=E,13um,15.6s,MS5.5 | LR | LR | | | | | | |
| SNY | comp=Z,15um,15.3s,MS5.5 | LR | LR | | | | | | |
| JTZ | Takazaki | 20.55 | 236 | P | P | 01 04 47.5 | +1.6 | | |
| JHD | Hondo | 20.72 | 239 | P | P | 01 04 48.4 | +1.0 | | |
| YAK | Yakutsk | 20.85 | 331 | P | P | 01 04 46.4 | -2.4 | | |
| YAK | | | | ePP | e | 01 04 57.5 | | | |
| YAK | | | | e | S | 01 05 06.4 | | | |
| YAK | | | | eS | S | 01 08 35.7 | -4.3 | | |
| YAK | | | | eSS | S | 01 08 58.4 | | | |
| YAK | | | | eSSS | S | 01 09 13.1 | | | |
| YAK | | | | e | S | 01 10 09.6 | | | |
| YAK | comp=E,53nm,1.1s | | | | pmx | pmx | | | |
| YAK | comp=N,56nm,1.1s | | | | pmx | pmx | | | |
| YAK | comp=Z,213nm,0.9s | | | | pmx | pmx | | | |
| YAK | comp=E,315nm,1.6s | | | | pmx | pmx | | | |
| YAK | comp=N,341nm,1.5s | | | | pmx | pmx | | | |
| YAK | comp=Z,373nm,0.9s | | | | smx | smx | | | |
| YAK | comp=E,274nm,2.1s | | | | smx | smx | | | |
| YAK | comp=N,693nm,2.9s | | | | MLR | MLR | | | |
| YAK | comp=N,2um,13.0s | | | | MLR | MLR | | | |
| YAK | comp=Z,6um,14.0s,MS5.1 | | | | MLR | MLR | | | |
| YAK | comp=E,5um,20.0s | | | | eP | P | | | |
| YAK | Yakutsk | 20.85 | 331 | eP | P | 01 04 48.1 | -0.8 | | |
| YAK | comp=Z,402nm,1.0s | | | | LR | LR | | | |
| YAK | comp=Z,8um,20.0s,MS5.1 | | | | LR | LR | | | |
| DL2 | Dalian | 22.74 | 264 | iP | P | 01 05 08.0 | -1.3 | | |
| DL2 | | | | S | S | 01 09 13.1 | -3.8 | | |
| DL2 | | | | S | S | 01 09 25.2 | -2.6 | | |
| DL2 | | | | S | S | | | | |
| DL2 | comp=Z,130nm,1.1s,mb5.3 | | | | pmx | pmx | | | |
| DL2 | comp=Z,860nm,8.2s | | | | LR | LR | | | |
| DL2 | comp=N,2um,19.3s,MS4.8 | | | | LR | LR | | | |
| DL2 | comp=E,2um,17.5s,MS4.8 | | | | LR | LR | | | |
| DL2 | comp=Z,3um,22.5s,MS4.7 | | | | LR | LR | | | |
| BILL | Bilibino | 24.10 | 140 | eP | P | 01 05 21.2 | -1.2 | | |
| BILL | | | | eP | P | | | | |
| BILL | comp=Z,63nm,1.3s,mb4.9 | | | | MLR | MLR | | | |
| BILL | comp=Z,19um,16.0s,MS5.7 | | | | LR | LR | | | |
| BILL | Bilibino | 24.10 | 14 | eP | P | 01 05 20.9 | -1.5 | | |
| BILL | comp=Z,44nm,0.9s,mb4.9 | | | | LR | LR | | | |
| BILL | comp=Z,15um,19.0s,MS5.5 | | | | LR | LR | | | |
| BILL | Beijing | 26.11 | 271 | P | P | 01 05 40.8 | -0.3 | | |
| BILL | | | | S | S | 01 10 13.7 | +2.6 | | |
| BILL | comp=Z,150nm,1.1s,mb5.4 | | | | pmx | pmx | | | |
| BILL | comp=Z,2um,5.3s | | | | LR | LR | | | |
| BILL | comp=N,9um,20.1s | | | | LR | LR | | | |
| BILL | comp=E,13um,15.0s | | | | LR | LR | | | |
| BILL | comp=Z,10um,23.7s,MS5.3 | | | | LR | LR | | | |
| TIA | Taian | 27.17 | 262 | P | P | 01 05 50.3 | -0.3 | | |
| TIA | | | | S | S | 01 10 29.3 | +1.6 | | |
| TIA | comp=Z,140nm,1.6s,mb5.2 | | | | LR | LR | | | |
| TIA | comp=N,5um,20.9s,MS5.3 | | | | LR | LR | | | |
| TIA | comp=Z,6um,17.4s,MS5.3 | | | | P | P | | | |
| TIA | Sheshan | 27.31 | 249 | P | P | 01 05 52.7 | +0.8 | | |
| TIA | | | | S | S | 01 10 33.2 | +3.0 | | |
| TIA | comp=Z,140nm,0.8s,mb5.5 | | | | pmx | pmx | | | |
| TIA | comp=Z,1um,9.9s | | | | LR | LR | | | |
| TIA | comp=N,4um,17.2s,MS5.5 | | | | LR | LR | | | |
| TIA | comp=E,10um,17.2s,MS5.5 | | | | LR | LR | | | |
| TIA | comp=Z,10um,17.7s,MS5.4 | | | | LR | LR | | | |
| NJ2 | Nanjing | 28.28 | 253 | eP | P | 01 06 00.5 | 0.0 | | |
| NJ2 | | | | pP | P | 01 06 12.3 | +4.8 | | |
| NJ2 | | | | PP | P | 01 06 49.5 | -1.5 | | |
| NJ2 | | | | S | S | 01 10 41.0 | -4.3 | | |
| NJ2 | | | | S | S | 01 11 01.0 | +4.2 | | |
| NJ2 | comp=Z,80nm,1.0s,mb5.3 | | | | pmx | pmx | | | |
| NJ2 | comp=Z,1um,4.6s | | | | LR | LR | | | |
| NJ2 | comp=N,17um,20.2s,MS5.8 | | | | LR | LR | | | |
| NJ2 | comp=E,17um,17.4s,MS5.8 | | | | LR | LR | | | |
| NJ2 | comp=Z,15um,17.5s,MS5.6 | | | | LR | LR | | | |
| NJ2 | Tiksi | 28.48 | 345 | eP | P | 01 05 58.7 | -3.2 | | |
| NJ2 | | | | eS | S | 01 10 50.5 | +2.8 | | |
| NJ2 | comp=Z,38nm,2.0s,mb4.7 | | | | MLR | MLR | | | |
| NJ2 | comp=Z,8um,15.0s,MS5.5 | | | | eP | P | | | |
| NJ2 | comp=Z,9.4nm,0.5s,mb4.7 | | | | eP | P | | | |
| NJ2 | Wake Island | 28.98 | 149 | PFAKE | LR | 01 06 20.0 | +1.3 | | |
| NJ2 | WAKE | | | | LR | | | | |
| NJ2 | comp=Z,7um,19.0s,MS5.3 | | | | eP | P | | | |
| NJ2 | Hu-ho-hao-te | 29.05 | 275 | eP | P | 01 06 07.8 | +0.5 | | |
| NJ2 | | | | sP | P | 01 06 16.7 | -0.5 | | |
| NJ2 | | | | PP | P | 01 07 01.1 | -1.2 | | |
| NJ2 | | | | PoP | P | 01 10 52.5 | -4.8 | | |
| NJ2 | | | | S | S | 01 11 05.5 | -3.3 | | |
| NJ2 | | | | S | S | 01 12 24.3 | -3.6 | | |
| NJ2 | | | | ScP | P | 01 12 56.2 | +1.2 | | |
| NJ2 | | | | PoP | P | 01 12 58.6 | +0.9 | | |
| NJ2 | | | | ScS | S | 01 16 48.5 | -0.4 | | |
| NJ2 | comp=Z,220nm,0.9s,mb5.9 | | | | pmx | pmx | | | |
| NJ2 | comp=Z,1um,4.4s | | | | LR | LR | | | |
| NJ2 | comp=N,9um,13.3s,MS5.7 | | | | LR | LR | | | |
| NJ2 | comp=E,11um,14.6s,MS5.7 | | | | LR | LR | | | |
| NJ2 | comp=Z,9um,14.3s,MS5.5 | | | | LR | LR | | | |
| NJ2 | Taiyuan | 29.75 | 269 | iP | P | 01 06 14.5 | +1.0 | | |
| NJ2 | | | | S | S | 01 11 10.5 | +2.2 | | |
| NJ2 | comp=N,5um,14.0s | | | | LR | LR | | | |
| NJ2 | comp=E,2um,20.8s | | | | LR | LR | | | |
| NJ2 | comp=Z,7um,22.9s | | | | LR | LR | | | |
| NJ2 | Ulaanbaatar | 30.11 | 291 | eP | P | 01 06 16.0 | -0.6 | | |
| NJ2 | | | | e | pmx | pmx | | | |
| NJ2 | comp=Z,38nm,0.9s,mb5.1 | | | | MLR | MLR | | | |
| NJ2 | comp=Z,11um,20.0s,MS5.5 | | | | ULN | ULN | | | |
| NJ2 | Ulaanbaatar | 30.11 | 291 | eP | P | 01 06 16.0 | -0.6 | | |
| NJ2 | comp=Z,38nm,0.9s,mb5.1 | | | | eP | P | | | |
| NJ2 | | | | PoP | P | 01 09 17.8 | +0.2 | | |
| NJ2 | comp=Z,11um,20.0s,MS5.5 | | | | ULN | ULN | | | |
| NJ2 | Ulaanbaatar | 30.11 | 291 | P | P | 01 06 16.8 | +0.2 | | |
| NJ2 | SNR=36 | | | | | | | | |
| NJ2 | MIDW | Midway | 30.20 | 114 | PFAKE | 01 06 30.0 | +1.2 | | |

| | | | | | | | | | |
|------|---|--|---------|-------|-------|------------|------------|------------|------|
| MIDW | comp=Z,5um,20.0s,MS5.1 | LR | LR | | | | | | |
| BTO | Baotou | 30.23 | 276 | eP | P | 01 06 17.5 | -0.3 | | |
| BTO | comp=Z,54nm,1.7s,mb5.0 | | | | pmx | pmx | | | |
| BTO | SONM | Songino Array | 30.55 | 291 | P | P | 01 06 20.2 | -0.3 | |
| BTO | comp=Z,22nm,1.2s,mb4.9,baz=74,slow=8.6,SNR=43 | | | | P | P | | | |
| BTO | SONM | comp=Z,7.0nm,0.8s,baz=122,slow=2.9,SNR=4.0 | | | S | S | 01 09 18.2 | -0.6 | |
| BTO | SONM | comp=Z,18nm,1.0s,baz=108,slow=2.8,SNR=5.7 | | | S | S | 01 09 33.6 | | |
| BTO | SONM | comp=Z,15um,18.6s,MS5.7,baz=81,slow=38 | | | LR | LR | 01 19 44.7 | | |
| BTO | SONM | Songino Array | 30.55 | 291 | P | P | 01 06 20.2 | -0.3 | |
| BTO | SONM | IRK | Irkutsk | 31.20 | 300 | eP | P | 01 06 24.0 | -2.2 |
| BTO | IRK | | | e | pmx | pmx | 01 13 16.9 | | |
| BTO | IRK | comp=Z,32nm,1.3s,mb5.0 | | | pmx | pmx | | | |
| BTO | TATO | Taipei | 31.36 | 240 | PFAKE | LR | 01 06 40.0 | +1.2 | |
| BTO | TATO | | | | LR | LR | | | |
| BTO | TLY | Talaya | 31.65 | 299 | P | P | 01 06 30.1 | -0.1 | |
| BTO | TLY | comp=Z,120nm,1.0s,mb5.7,SNR=5.5 | | | P | P | | | |
| BTO | TLY | Talaya | 31.65 | 299 | iP | P | 01 06 27.7 | -2.5 | |
| BTO | TLY | | | e | P | P | 01 07 29.4 | | |
| BTO | TLY | | | ePPP | P | P | 01 07 45.8 | | |
| BTO | TLY | | | e | pmx | pmx | 01 09 21.9 | | |
| BTO | TLY | comp=Z,18nm,0.9s,mb4.9 | | | MLR | MLR | | | |
| BTO | TLY | comp=Z,17um,17.0s,MS5.8 | | | eP | P | 01 06 29.1 | -1.0 | |
| BTO | TLY | Talaya | 31.65 | 299 | eP | P | | | |
| BTO | TLY | comp=Z,31nm,1.2s,mb5.0 | | | eP | P | 01 09 21.7 | 0.0 | |
| BTO | TLY | comp=Z,18um,19.0s,MS5.8 | | | LR | LR | | | |
| BTO | TLY | Talaya | 31.65 | 299 | P | P | 01 06 29.1 | -1.0 | |
| BTO | YHNB | Yeheng | 31.65 | 239 | eP | P | 01 06 29.6 | -0.8 | |
| BTO | YHNB | comp=Z,15nm,0.8s,mb4.9 | | | LR | LR | | | |
| BTO | YHNB | comp=Z,20um,20.0s,MS5.8 | | | LR | LR | | | |
| BTO | GUMO | Guam | 32.08 | 192 | PFAKE | LR | 01 06 50.0 | +1.6 | |
| BTO | GUMO | | | | LR | LR | | | |
| BTO | WHN | Wuhan | 32.25 | 256 | iP | P | 01 06 35.3 | -0.4 | |
| BTO | WHN | | | S | S | 01 11 38.4 | -9.3 | | |
| BTO | WHN | comp=Z,130nm,0.8s,mb5.8 | | | pmx | pmx | | | |
| BTO | WHN | comp=Z,1um,8.5s | | | LR | LR | | | |
| BTO | WHN | comp=N,27um,18.2s,MS6.0 | | | LR | LR | | | |
| BTO | WHN | comp=E,12um,18.6s,MS6.0 | | | LR | LR | | | |
| BTO | WHN | comp=Z,26um,16.6s,MS6.0 | | | LR | LR | | | |
| BTO | SSLB | Suangleung | 32.56 | 239 | eP | P | 01 06 38.8 | +0.4 | |
| BTO | SSLB | comp=Z,43nm,0.9s,mb5.4 | | | eP | P | | | |
| BTO | YULB | Yu-ii | 32.66 | 238 | eP | P | 01 06 39.5 | +0.3 | |
| BTO | YULB | comp=Z,52nm,0.8s,mb5.5 | | | eP | P | | | |
| BTO | TPUB | Tapu | 33.13 | 239 | eP | P | 01 06 43.2 | -0.1 | |
| BTO | TPUB | comp=Z,180nm,1.0s,mb5.0 | | | eP | P | | | |
| BTO | OZH | Ozhanzhou | 33.18 | 243 | iP | P | 01 06 44.0 | +0.2 | |
| BTO | OZH | | | S | S | 01 12 04.2 | +2.1 | | |
| BTO | OZH | | | S | S | 01 12 18.0 | +4.4 | | |
| BTO | OZH | comp=Z,190nm,1.2s,mb5.9 | | | pmx | pmx | | | |
| BTO | OZH | comp=N,9um,16.5s,MS5.8 | | | LR | LR | | | |
| BTO | OZH | comp=E,9um,14.0s,MS5.8 | | | LR | LR | | | |
| BTO | OZH | comp=Z,8um,18.1s,MS5.5 | | | LR | LR | | | |
| BTO | TWG | Tingxi | 33.22 | 238 | eP | P | 01 06 43.5 | -0.7 | |
| BTO | TWG | comp=Z,102nm,0.8s,mb5.8 | | | eP | P | | | |
| BTO | MOY | Mondy | 33.28 | 299 | eP | P | 01 06 44.3 | -0.2 | |
| BTO | MOY | comp=Z,42nm,1.9s,mb5.0 | | | pmx | pmx | | | |
| BTO | XAN | Xi'an | 34.04 | 266 | P | P | 01 06 50.9 | -0.4 | |
| BTO | XAN | | | pP | P | 01 06 57.6 | -0.7 | | |
| BTO | XAN | | | sP | P | 01 06 59.9 | -1.2 | | |
| BTO | XAN | | | sP | P | 01 08 05.2 | -3.2 | | |
| BTO | XAN | | | S | S | 01 12 15.7 | +0.3 | | |
| BTO | XAN | | | SS | S | 01 14 21.0 | -2.2 | | |
| BTO | XAN | comp=Z,19nm,1.2s,mb4.9 | | | pmx | pmx | | | |
| BTO | XAN | comp=N,4um,15.3s,MS5.3 | | | LR | LR | | | |

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|-------|--|-----------|-------|------|-----------------|
| MK31 | Makanchi Array | 46.39 298 | eP | P | 01 08 31.7 -1.7 |
| MKAR | Makanchi Array | 46.39 298 | P | P | 01 08 32.2 -1.1 |
| MKAR | comp-Z,65nm,0.9s,mb5.5,baz=73,slow=7.1,SNR=194 | | PpP | PcP | 01 10 07.3 -0.7 |
| MKAR | comp-Z,14nm,0.6s,baz=58,slow=3.6,SNR=6.2 | | pP | | 01 10 17.2 |
| MKAR | comp-Z,11nm,0.6s,baz=57,slow=5.8,SNR=3.0 | | LR | LR | 01 09 08.2 |
| MKAR | comp-Z,16um,19.3s,MS6.0,baz=68,slow=38 | | LR | LR | 01 08 32.3 -1.1 |
| MKAR | Makanchi Array | 46.39 298 | P | P | 01 10 07.3 |
| MKAR | Makanchi Array | 46.39 298 | P | P | 01 08 37.8 -0.5 |
| KURK | Kurchatov | 47.02 304 | P | P | 01 09 16.8 |
| KURK | Kurchatov | 47.02 304 | LR | LR | 01 08 36.1 -2.2 |
| KURK | comp-Z,63nm,0.9s,mb5.5 | | pmax | pmax | |
| KURK | comp-Z,3um,21.0s,MS5.2 | | MLR | MLR | |
| KURK | Kurchatov | 47.02 304 | eP | P | 01 08 36.1 -2.2 |
| KURK | comp-Z,63nm,0.9s,mb5.5 | | LR | LR | |
| KURK | comp-Z,3um,21.0s,MS5.2 | | LR | LR | |
| SGSI | Sangihe | 47.15 216 | P | P | 01 08 41.8 +2.2 |
| DLBC | Dease Lake | 47.54 44 | iP | P | 01 08 44.5 +2.1 |
| KIP | Kipapa | 47.47 103 | PFAKE | LR | 01 09 00.0 +1.6 |
| KIP | comp-Z,4um,19.0s,MS5.4 | | LR | LR | |
| SMPI | Sarmi | 48.39 197 | P | P | 01 08 49.3 +0.1 |
| KDM | Kudat | 48.45 228 | P | P | 01 08 50.5 +0.8 |
| LSA | Lhasa | 48.99 273 | P | P | 01 08 55.7 +2.0 |
| LSA | | | pP | pP | 01 09 04.8 +3.9 |
| LSA | | | sP | sP | 01 09 08.7 +4.9 |
| LSA | | | SS | SS | 01 10 50.0 +2.9 |
| LSA | | | pmax | pmax | 01 15 57.9 +1.2 |
| LSA | comp-Z,130nm,1.1s,mb5.9 | | LR | LR | |
| LSA | comp-N,2um,19.4s | | LR | LR | |
| LSA | comp-E,3um,25.0s | | LR | LR | |
| LSA | comp-E,3um,23.3s,MS5.5 | | LR | LR | |
| MYLDM | Lahad Datu | 49.07 225 | P | P | 01 08 55.4 +0.9 |
| MYLDM | Lahad Datu | 49.07 225 | P | P | 01 08 54.7 +0.2 |
| MYLDM | comp-Z,1um,comp-Z,1.1s,mb5.3 | | P | P | |
| TNTI | Ternate | 49.08 212 | P | Px | 01 09 08.0 |
| CHRT | Chiangrai | 49.16 256 | iP | P | 01 08 55.4 +0.4 |
| SDKM | Sandakan | 49.34 227 | P | P | 01 08 57.1 +0.5 |
| MNI | Manado | 49.47 216 | P | P | 01 08 56.8 -0.7 |
| KKM | Kota Kinabalu | 49.51 228 | P | P | 01 08 58.7 +0.9 |
| KKM | Kota Kinabalu | 49.51 228 | eP | P | 01 08 58.5 +0.6 |
| KKM | comp-Z,24nm,1.0s,mb5.2 | | LR | LR | |
| KKM | Kota Kinabalu | 49.51 228 | P | P | 01 08 59.0 +1.1 |
| IMP | Imphal | 50.01 266 | eP | x | 01 08 51.0 |
| TSM | Tawau | 50.15 225 | P | x | 01 09 03.7 +1.0 |
| CHG | Chiang Mai | 50.46 256 | iP | P | 01 09 05.4 +0.4 |
| CHTO | Chiang Mai | 50.46 256 | iP | P | 01 09 05.3 +0.3 |
| CHTO | comp-Z,53nm,1.1s,mb5.5 | | pmax | pmax | |
| CHTO | comp-Z,53nm,1.1s,mb5.5 | | MLR | MLR | |
| CHTO | Chiang Mai | 50.46 256 | iP | P | 01 09 05.3 +0.3 |
| CHTO | comp-Z,53nm,1.1s,mb5.5 | | LR | LR | |
| CHTO | comp-Z,5um,19.0s,MS5.5 | | LR | LR | |
| CHTO | Chiang Mai | 50.46 256 | P | P | 01 09 05.1 +0.1 |
| CHTO | comp-Z,1um,comp-Z,63nm,1.4s,mb5.5 | | P | P | |
| CHTO | Chiang Mai | 50.46 256 | P | P | 01 09 05.8 +0.7 |
| VOSK | Vostochnaya | 50.52 309 | P | P | 01 09 02.2 -2.9 |
| VOSK | comp-Z,23nm,1.0s,mb5.1 | | pmax | pmax | |
| POHA | Pohakuloa | 50.57 102 | PFAKE | LR | 01 09 20.0 +1.4 |
| POHA | | | LR | LR | |
| CM31 | Chiang Mai Arr | 50.70 256 | eP | P | 01 09 08.0 +1.1 |
| CM31 | comp-Z,12nm,0.5s,mb5.1 | | LR | LR | |
| CM31 | comp-Z,4um,19.0s,MS5.4 | | LR | LR | |
| CMAR | Chiang Mai Arr | 50.70 256 | P | P | 01 09 07.3 +0.5 |
| CMAR | comp-Z,19nm,0.8s,mb5.0,baz=36,slow=8.0,SNR=49 | | PcP | PcP | 01 10 24.7 +0.8 |
| CMAR | comp-Z,4.8nm,0.8s,baz=27,slow=6.6,SNR=4.1 | | pP | | 01 10 39.7 |
| CMAR | comp-Z,12nm,0.7s,baz=19,slow=5.9,SNR=7.6 | | P | P | |
| CMAR | Chiang Mai Arr | 50.70 256 | P | P | 01 09 07.4 +0.5 |
| CMAR | | | P | P | 01 10 24.7 |
| BVAR | Borovey Array | 50.71 310 | P | P | 01 09 04.8 -1.7 |
| BVAR | comp-Z,4.0nm,0.5s,mb4.6,baz=56,slow=7.9,SNR=29 | | PcP | PcP | 01 10 23.5 0.0 |
| BRVK | Borovey | 50.76 310 | P | P | 01 09 05.3 -1.5 |
| BRVK | comp-Z,16nm,0.7s,baz=91,slow=3.0,SNR=6.8 | | P | P | |
| BRVK | Borovey | 50.76 310 | iP | P | 01 09 04.9 -1.9 |
| BRVK | comp-Z,21nm,1.2s,mb4.9 | | pmax | pmax | |
| BRVK | comp-Z,12um,20.0s,MS5.9 | | MLR | MLR | |
| BRVK | Borovey | 50.76 310 | eP | P | 01 09 04.5 -2.3 |
| BRVK | comp-Z,63nm,1.3s,mb5.4 | | LR | LR | |
| BRVK | comp-Z,8um,21.0s,MS5.7 | | LR | LR | |
| BRVK | Borovey | 50.76 310 | P | P | 01 09 04.9 -1.9 |
| BRVK | SNR=15 | | P | P | |
| ALE | Alert | 51.29 5 | P | P | 01 09 10.0 -0.6 |
| AAA | Alma-Ata | 51.37 296 | eP | S | 01 09 12.5 +0.9 |
| AAA | | | eS | S | 01 16 32.0 +2.5 |
| AAA | comp-Z,1um,10.1s | | pmax | pmax | |
| AAA | comp-E,700nm,17.8s | | smax | | |
| ZRNK | Zerenda | 51.50 310 | P | P | 01 09 09.7 -2.7 |
| ZRNK | comp-Z,12um,17.0s,MS6.0 | | MLR | MLR | |
| ZRNK | comp-Z,10.0nm,0.6s,mb4.9 | | pP | pmax | |
| MRSI | Mariisa | 51.57 219 | P | P | 01 09 12.8 -0.6 |
| NST | Nakhon Sawan | 51.85 252 | P | P | 01 09 15.0 -0.5 |
| ULHL | Ulahol | 52.33 295 | P | P | 01 09 20.3 +1.5 |
| TKM2 | Tokmak 2 | 52.40 296 | P | P | 01 09 20.0 +0.7 |
| TKM2 | SNR=80 | | P | P | |
| TKM2 | Tokmak 2 | 52.40 296 | iP | P | 01 09 19.4 +0.1 |
| TKM2 | comp-Z,262nm,1.6s,mb5.9 | | pmax | pmax | |
| TKM2 | comp-Z,262nm,1.6s,mb5.9 | | MLR | MLR | |
| TKM2 | comp-Z,7um,20.0s,MS5.7 | | LR | LR | |
| TKM2 | Tokmak 2 | 52.40 296 | iP | P | 01 09 19.4 +0.1 |
| TKM2 | comp-Z,262nm,1.6s,mb5.9 | | LR | LR | |
| TKM2 | comp-Z,7um,20.0s,MS5.7 | | LR | LR | |
| AGT | Agartala | 52.47 267 | iP | x | 01 09 18.0 -2.1 |
| AGT | | | x | P | 01 09 55.0 |
| AGT | | | x | P | 01 09 18.8 -2.0 |
| LWUI | Luwuk | 52.57 217 | P | P | |
| LWUI | comp-Z,1um,comp-Z,98nm,1.4s,mb5.5 | | P | P | |
| RES | Resolute Bay | 52.62 18 | LR | LR | 01 35 19.8 |
| RES | comp-Z,3um,20.1s,MS5.3,baz=194,slow=40 | | P | P | |
| RES | Resolute Bay | 52.62 18 | iP | P | 01 09 20.4 -0.1 |
| RES | comp-Z,53nm,1.0s,mb5.4 | | pmax | pmax | |
| RES | Resolute Bay | 52.62 18 | iP | P | 01 09 20.4 -0.1 |
| RES | comp-Z,53nm,1.0s,mb5.4 | | P | P | |
| TAPN | Taplejung | 52.81 273 | eP | P | 01 09 22.8 +0.2 |
| YKA | Yellowknife Ar | 52.88 36 | P | P | 01 09 22.8 +0.3 |
| YKA | comp-Z,10nm,0.8s,mb4.8,baz=298,slow=7.0,SNR=30 | | sP | sP | 01 09 38.6 +6.0 |
| YKA | Yellowknife Ar | 52.88 36 | sP | sP | 01 09 22.8 +0.3 |
| YKA | Yellowknife Ar | 52.88 36 | sP | sP | 01 09 23.7 +0.7 |
| CHMS | Chumysh | 52.90 297 | P | P | 01 09 38.6 +6.0 |
| AAI | Ambon | 52.92 209 | P | P | 01 09 22.3 -1.0 |
| AAI | comp-Z,96nm,1.4s,mb5.5 | | P | P | |

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| USP | Ospenovka | 52.92 297 | P | P | 01 09 23.5 +0.4 |
| USP | SNR=142 | | P | P | |
| APSI | Alpana | 52.94 218 | P | P | 01 09 22.7 -0.8 |
| APSI | comp-Z,711nm,1.3s,mb5.6 | | P | P | |
| KBK | Karayulak | 52.95 296 | P | P | 01 09 24.4 +1.1 |
| KBK | SNR=52 | | P | P | |
| KZA | Kyzart | 53.05 295 | P | P | 01 09 26.3 +2.1 |
| KZA | SNR=37 | | P | P | |
| AAK | Ala-Archa | 53.24 296 | P | P | 01 09 26.7 +1.2 |
| AAK | comp-Z,474nm,1.2s,mb5.3,SNR=19 | | P | P | |
| AAK | Ala-Archa | 53.24 296 | P | P | 01 09 27.0 +1.5 |
| AAK | SNR=25 | | P | P | |
| AAK | Ala-Archa | 53.24 296 | LR | LR | 01 33 29.6 |
| AAK | comp-Z,9um,18.4s,MS5.8,baz=44,slow=38 | | LR | LR | |
| ODAN | Odare | 53.34 273 | eP | P | 01 09 26.2 -0.2 |
| ODAN | comp-Z,168nm,0.7s,mb6.1 | | P | P | |
| TLE | Tual | 53.34 203 | P | P | 01 09 24.2 -2.3 |
| TLE | comp-Z,101nm,1.4s,mb5.6 | | P | P | |
| UCH | Uchtor | 53.44 296 | P | P | 01 09 28.3 +1.3 |
| UCH | SNR=21 | | P | P | |
| UCH | Uchtor | 53.44 296 | eP | P | 01 09 27.8 +0.8 |
| UCH | comp-Z,37nm,1.0s,mb5.3 | | P | P | |
| BTM | Erkin-Say | 53.67 230 | P | P | 01 09 29.0 +0.7 |
| EKS2 | Erkin-Say | 53.68 297 | PFAKE | LR | 01 09 29.9 +1.1 |
| EKS2 | SNR=8.5 | | LR | LR | |
| EKS2 | Erkin-Say | 53.68 297 | PFAKE | LR | 01 09 40.0 +1.1 |
| EKS2 | comp-Z,8um,22.0s,MS5.7 | | LR | LR | |
| KBS | Kingsbay | 53.69 351 | iP | P | 01 09 28.1 -0.3 |
| KBS | | | eS | S | 01 16 58.5 -2.0 |
| KBS | | | AMS | AMS | 01 01 34.0 0.5 |
| KBS | Kingsbay | 53.69 351 | eP | P | 01 09 26.8 -1.6 |
| KBS | comp-Z,101nm,1.0s,mb5.7 | | pmax | pmax | |
| KBS | Kingsbay | 53.69 351 | eP | P | 01 09 27.2 -1.1 |
| KBS | comp-Z,73nm,0.9s,mb5.6 | | LR | LR | |
| KBS | comp-Z,3um,19.0s,MS5.4 | | LR | LR | |
| JIRN | Jiri | 53.70 274 | eP | P | 01 09 29.3 +0.3 |
| JIRN | comp-Z,400nm,0.8s,mb5.4 | | LR | LR | |
| PCI | Palu | 53.74 220 | P | P | 01 09 23.7 -5.7 |
| GUN | Gumba | 53.76 275 | eP | P | 01 09 29.6 +0.1 |
| SPITS | Spitsbergen Ar | 53.77 350 | LR | LR | 01 34 44.7 |
| RAMN | Ramite | 53.84 273 | eP | P | 01 09 30.0 -0.1 |
| RAMN | comp-Z,255nm,0.5s,mb6.4 | | LR | LR | |
| KSH | Kashi | 53.93 292 | P | P | 01 09 35.0 +4.4 |
| KSH | | | pP | pP | 01 09 42.1 +4.2 |
| KSH | | | sP | sP | 01 09 46.0 +5.3 |
| KSH | | | PcP | PcP | 01 10 39.6 +3.8 |
| KSH | | | PP | PP | 01 11 37.4 +5.7 |
| KSH | | | ScP | ScP | 01 14 34.4 +2.2 |
| KSH | | | PcS | PcS | 01 14 07.6 +2.6 |
| KSH | | | sS | sS | 01 17 07.9 +3.3 |
| KSH | | | ScS | ScS | 01 19 19.5 +1.1 |
| KSH | | | SS | SS | 01 20 48.8 +3.3 |
| KSH | | | pmax | pmax | |
| KSH | comp-Z,150nm,1.1s,mb5.8 | | LR | LR | |
| KSH | comp-N,9um,17.4s,MS6.0 | | LR | LR | |
| KSH | comp-E,5um,16.5s,MS6.0 | | LR | LR | |
| KSH | comp-Z,12um,18.6s,MS6.0 | | LR | LR | |
| SVE | Sverdlovsk | 53.95 317 | eP | P | 01 09 29.1 -1.4 |
| SVE | | | eS | S | 01 10 30.3 |
| SVE | | | pmax | pmax | 01 16 54.2 -1.0 |
| SVE | comp-Z,50nm,0.9s,mb5.4 | | MLR | MLR | |
| SVE | comp-Z,4um,16.0s,MS5.6 | | MLR | MLR | |
| KKK | Kakani | 54.26 275 | eP | P | 01 09 33.2 +0.1 |
| KKK | comp-Z,416nm,1.0s,mb5.3 | | P | P | |
| PKI | Pukhok | 54.30 275 | eP | P | 01 09 33.3 -0.2 |
| PKI | comp-Z,227nm,0.9s,mb6.1 | | P | P | |
| PKIN | Pulchok | 54.30 275 | eP | P | 01 09 33.6 +0.1 |
| PKIN | comp-Z,257nm,0.9s,mb6.2 | | P | P | |
| NNT | Nonglab | 54.34 250 | P | P | 01 09 35.0 +1.2 |
| SOKR | Solikamsk | 54.36 321 | iP | P | 01 09 30.4 -3.0 |
| SOKR | | | S | S | 01 11 41.1 |
| SOKR | | | S | S | 01 17 04.4 -5.4 |
| SOKR | | | SS | SS | 01 19 20.3 |
| SOKR | | | SS | SS | 01 20 56.3 +4.9 |
| SOKR | comp-Z,220nm,0.9s,mb5.0 | | MLR | MLR | |
| DMN | Demn | 54.49 275 | eP | P | 01 09 35.0 +0.2 |
| DMN | comp-Z,350nm,0.8s,mb5.3 | | P | P | |
| GKN | Gorkha | 54.58 276 | eP | P | 01 09 35.4 -0.1 |
| GKN | comp-Z,654nm,1.1s,mb6.6 | | P | P | |
| SBUM | Sibu | 54.66 230 | P | P | 01 09 37.4 +1.2 |
| SBUM | comp-Z,788nm,comp-Z,526nm,1.4s,mb5.0 | | P | P | 01 09 36.4 +0.2 |
| HNR | Honiara | 55.08 169 | LR | LR | 01 29 56.2 |
| HNR | comp-Z,4um,22.0s,MS5.4,baz=327,slow=32 | | LR | LR | |
| HNR | Honiara | 55.08 169 | PFAKE | LR | 01 09 50.0 +1.1 |
| HNR | comp-Z,4um,19.0s,MS5.5 | | LR | LR | |
| ARU | Arti | 55.14 317 | P | P | 01 09 37.4 -1.7 |
| ARU | comp-Z,304nm,0.6s,mb5.5,SNR=18 | | P | P | |
| ARU | Arti | 55.14 317 | iP | P | 01 09 36.9 -2.2 |
| ARU | | | e | P | 01 10 38.7 |
| ARU | | | e | P | 01 11 42.8 |
| ARU | | | eP | P | 01 12 53.0 |
| ARU | | | S | S | 01 17 18.4 -2.0 |
| ARU | | | S | S | 01 19 22.1 |
| ARU | | | SSS | SSS | 01 23 08.5 |
| ARU | | | pmax | pmax | |
| AR | | | | | |

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|------|-------------------------|-------|-----|-------|------|-----------------|
| WALA | Waterton Lakes | 60.40 | 49 | eP | P | 01 10 16.7 +0.5 |
| WDC | Whiskeytown Da | 60.40 | 61 | eP | Pmax | 01 10 16.9 +0.5 |
| WDC | comp=Z,34nm,1.1s,mb5.3 | | | | MLR | |
| WDC | comp=Z,1jm,22.0s,M55.1 | | | | LR | |
| WDC | Whiskeytown Da | 60.40 | 61 | eP | P | 01 10 16.9 +0.5 |
| WDC | comp=Z,34nm,1.1s,mb5.3 | | | | LR | |
| H08A | Prairie City | 60.42 | 55 | P | P | 01 10 17.3 +0.9 |
| G09A | Cove | 60.49 | 54 | ↑P | P | 01 10 16.7 -0.1 |
| B13A | Whitefish | 60.51 | 50 | ↑P | P | 01 10 16.9 -0.1 |
| BSMT | Bassoo Peak | 60.64 | 50 | ePKP | P | 01 10 18.2 +0.3 |
| KHET | Khetri | 60.69 | 281 | ePKP | AMB | 01 10 18.7 +0.2 |
| KHET | comp=Z,86nm,1.3s,mb5.7 | | | | AMB | 01 10 21.7 |
| LTIM | Timbered Crate | 60.70 | 60 | P | P | 01 10 19.7 +1.3 |
| A14A | Double T Ranch | 60.71 | 49 | ↑P | P | 01 10 18.0 -0.4 |
| D12A | Red Ives Fores | 60.81 | 51 | ↑P | P | 01 10 19.6 +0.7 |
| G10A | Bishop Farm, J | 60.85 | 54 | ↑P | P | 01 10 19.7 +0.3 |
| C13A | Hot Springs | 60.86 | 50 | ↑P | P | 01 10 19.5 +0.2 |
| JTMT | Jette | 60.98 | 50 | eP | P | 01 10 20.8 +0.6 |
| MOD | Modoc | 60.99 | 59 | eP | P | 01 10 21.2 +0.9 |
| MOD | comp=Z,25nm,0.9s,mb5.3 | | | | LR | |
| BMO | Blue Mountains | 61.01 | 54 | eP | P | 01 10 21.4 +1.0 |
| HOPS | Hopland | 61.01 | 63 | PFAKE | LR | 01 10 30.0 +9.5 |
| HOPS | comp=Z,2jm,21.0s,M55.2 | | | | LR | |
| F11A | Grangeville | 61.05 | 53 | ↑P | P | 01 10 20.9 +0.2 |
| E12A | Beaver Dam Sad | 61.06 | 52 | P | P | 01 10 21.1 +0.3 |
| A15A | Johnson Ranch | 61.08 | 48 | ↑P | P | 01 10 19.8 -1.0 |
| B14A | Marquette Ranc | 61.16 | 49 | ↑P | P | 01 10 21.4 +0.1 |
| J08A | Circle Bar Ran | 61.22 | 56 | ↑P | P | 01 10 22.5 +0.6 |
| C14A | Swan Lake | 61.26 | 50 | ↑P | P | 01 10 22.1 +0.1 |
| D13A | Huson | 61.27 | 51 | ↑P | P | 01 10 22.0 -0.1 |
| G11A | Walters Elk Ra | 61.27 | 53 | ↑P | P | 01 10 22.3 +0.1 |
| SWMT | Swartz Lake | 61.28 | 50 | ↑P | P | 01 10 22.4 +0.3 |
| I09A | Lost Marbles R | 61.28 | 55 | ↑P | P | 01 10 22.9 +0.7 |
| KBL | Kabul | 61.32 | 291 | ↑P | Pmax | 01 10 22.2 -0.5 |
| KBL | comp=Z,260nm,1.1s,mb5.3 | | | | Pmax | |
| KBL | Kabul | 61.32 | 291 | ↑P | P | 01 10 22.2 -0.5 |
| KBL | comp=Z,260nm,1.1s,mb5.3 | | | | P | |
| H10A | Noah's Angus R | 61.48 | 54 | ↑P | P | 01 10 23.5 -0.2 |
| TPI | Tanjungpandan | 61.49 | 231 | P | P | 01 10 23.7 -0.3 |
| B15A | Bradley Ranch | 61.57 | 49 | ↑P | P | 01 10 24.0 -0.1 |
| F12A | Elk City | 61.63 | 53 | ↑P | P | 01 10 24.7 +0.1 |
| MCCM | Marconi Conter | 61.64 | 63 | PFAKE | LR | 01 10 40.0 +15 |
| MCCM | comp=Z,2jm,22.0s,M55.1 | | | | LR | |
| WVOR | Wild Horse Val | 61.67 | 57 | ↑P | Pmax | 01 10 25.3 +0.4 |
| WVOR | comp=Z,31nm,1.0s,mb5.4 | | | | Pmax | |
| WVOR | comp=Z,2jm,21.0s,M55.3 | | | | MLR | |
| WVOR | Wild Horse Val | 61.67 | 57 | ↑P | P | 01 10 25.3 +0.4 |
| WVOR | comp=Z,31nm,1.0s,mb5.4 | | | | LR | |
| WVOR | comp=Z,2jm,21.0s,M55.3 | | | | LR | |
| SLMT | Seely Lake | 61.71 | 50 | eP | P | 01 10 25.6 +0.5 |
| M50 | Missoula | 61.72 | 51 | eP | P | 01 10 25.5 +0.4 |
| M50 | comp=Z,29nm,1.2s,mb5.3 | | | | LR | |
| I10A | Payette | 61.75 | 55 | ↑P | P | 01 10 24.9 -0.6 |
| OHCN | Honcut | 61.80 | 62 | eP | P | 01 10 26.3 +0.4 |
| D14A | Greenough | 61.80 | 51 | ↑P | P | 01 10 25.8 +0.1 |
| E13A | Victor | 61.81 | 51 | ↑P | P | 01 10 25.8 0.0 |
| H11A | Donnelly | 61.84 | 54 | ↑P | P | 01 10 26.2 +0.2 |
| C15A | Salmond Ranch | 61.87 | 49 | ↑P | P | 01 10 26.8 +0.7 |
| B16A | M & M Farms, S | 61.96 | 49 | ↑P | P | 01 10 26.8 0.0 |
| G12A | Big Creek, Yel | 61.97 | 53 | ↑P | P | 01 10 27.3 +0.4 |
| JOF | Joensuu | 62.00 | 333 | eP | Pmax | 01 10 24.7 -2.1 |
| JOF | comp=Z,16nm,0.3s,mb5.6 | | | | Pmax | |
| JOF | Joensuu | 62.00 | 333 | eP | P | 01 10 24.7 -2.1 |
| JOF | comp=Z,16nm,0.3s,mb5.6 | | | | P | |
| CHMT | Chamberlain Mo | 62.04 | 51 | eP | P | 01 10 27.8 +0.5 |
| VIS | Vishakhapatnam | 62.08 | 267 | ePKP | AMB | 01 10 28.4 +0.3 |
| VIS | comp=Z,128nm,1.3s,mb5.9 | | | | AMB | 01 10 29.4 |
| F13A | Darby | 62.13 | 52 | ↑P | P | 01 10 28.0 0.0 |
| BEKR | Beckworth | 62.17 | 60 | ↑P | P | 01 10 28.9 +0.6 |
| E14A | Clinton | 62.21 | 51 | ↑P | P | 01 10 28.5 0.0 |
| XMAS | Kiritimati | 62.29 | 118 | PFAKE | LR | 01 10 40.0 +11 |
| XMAS | comp=Z,5jm,22.0s,M55.6 | | | | LR | |
| STEI | Steigen | 62.31 | 343 | eP | P | 01 10 28.5 -0.3 |
| C16A | Fuhringer Ranc | 62.31 | 49 | ↑P | P | 01 10 29.2 +0.1 |
| I11A | Placerville | 62.35 | 55 | ↑P | P | 01 10 30.0 +0.6 |
| D15A | Lincoln | 62.36 | 50 | ↑P | P | 01 10 29.8 +0.3 |
| AJM | Ajmer | 62.50 | 281 | ePKP | P | 01 10 31.1 +0.4 |
| K10A | MacKenzie Ranc | 62.56 | 50 | ↑P | P | 01 10 29.9 -0.6 |
| BSI | Banda Aceh | 62.51 | 248 | P | P | 01 10 31.4 +0.5 |
| B17A | L&G Farms, Che | 62.51 | 48 | ↑P | P | 01 10 30.5 +0.1 |
| H12A | Diamond D Ranc | 62.59 | 53 | ↑P | P | 01 10 30.7 -0.3 |
| G13A | Cobalt | 62.61 | 53 | ↑P | P | 01 10 30.8 -0.4 |
| A18A | Metzger Ranch | 62.62 | 47 | ↑P | P | 01 10 30.5 -0.6 |
| BHPL | Bhopal | 62.62 | 276 | ePKP | P | 01 10 31.8 +0.2 |
| E15A | Deer Lodge | 62.67 | 51 | ↑P | P | 01 10 31.5 -0.1 |
| FFC | Flin Flon | 62.71 | 39 | P | P | 01 10 32.9 +1.3 |
| FFC | Flin Flon | 62.71 | 39 | ↑P | Pmax | 01 10 32.0 +0.4 |
| FFC | comp=Z,41nm,0.9s,mb5.6 | | | | Pmax | |
| FFC | Flin Flon | 62.71 | 39 | ↑P | MLR | 01 10 32.0 +0.3 |
| FFC | comp=Z,41nm,0.9s,mb5.5 | | | | MLR | |
| FFC | Flin Flon | 62.71 | 39 | ↑P | LR | 01 10 32.0 +0.3 |
| FFC | comp=Z,2jm,20.0s,M55.3 | | | | LR | |
| NGP | Ngapur | 62.83 | 273 | ePKP | P | 01 10 31.6 -1.4 |
| BKNI | Bangkinang | 62.85 | 240 | P | P | 01 10 34.1 +1.0 |
| PAHR | Pah Rah Range | 62.87 | 60 | ↑P | P | 01 10 33.8 +0.9 |
| WCN | Washoe City | 62.88 | 61 | ↑P | P | 01 10 33.2 +0.1 |
| D16A | Dana Ranch, Ca | 62.89 | 50 | ↑P | P | 01 10 33.7 +0.7 |
| I12A | Atlanta | 62.89 | 54 | ↑P | P | 01 10 33.4 +0.4 |
| H13A | Challis | 62.92 | 53 | ↑P | P | 01 10 32.9 -0.3 |

| | | | | | | |
|--------|---|-------|-----|-------|------|-----------------|
| baz=63 | | | | | | |
| C17A | Wharram Farm, | 62.94 | 49 | ↑P | P | 01 10 33.3 0.0 |
| B18A | Beardsley Farm | 62.98 | 48 | ↑P | P | 01 10 33.9 +0.3 |
| K11A | Parker Ranch, | 63.00 | 56 | ↑P | P | 01 10 33.7 -0.1 |
| F15A | Butte | 63.11 | 51 | ↑P | P | 01 10 34.4 -0.1 |
| LRM | Limekiln Ridge | 63.15 | 51 | eP | P | 01 10 35.3 +0.5 |
| FCC | Fort Churchill | 63.20 | 32 | ↑P | P | 01 10 34.6 -0.3 |
| EGMT | Eagleton | 63.23 | 48 | ↑P | P | 01 10 35.4 +0.1 |
| EGMT | Eagleton | 63.23 | 48 | ↑P | P | 01 10 35.3 +0.1 |
| EGMT | comp=Z,64nm,1.1s,mb5.7 | | | | LR | |
| J12A | Stokes Ranch, | 63.24 | 55 | ↑P | P | 01 10 34.9 -0.5 |
| CMB | Columbia Colle | 63.27 | 62 | eP | Pmax | 01 10 36.6 +0.9 |
| CMB | comp=Z,22nm,1.1s,mb5.2 | | | | Pmax | |
| CMB | Columbia Colle | 63.27 | 62 | eP | P | 01 10 36.6 +0.9 |
| CMB | comp=Z,22nm,1.1s,mb5.2 | | | | MLR | |
| D17A | Six Diamond Ra | 63.28 | 49 | ↑P | P | 01 10 35.1 -0.4 |
| DLMT | Dillon | 63.35 | 52 | eP | P | 01 10 37.7 +1.6 |
| MNSI | Mandailing Nat | 63.37 | 241 | P | P | 01 10 35.7 -0.9 |
| SAO | San Andreas Ge | 63.38 | 64 | PFAKE | LR | 01 10 50.0 +14 |
| SAO | comp=Z,1jm,19.0s,M55.1 | | | | LR | |
| H14A | Leadore | 63.39 | 53 | ↑P | P | 01 10 37.0 +0.7 |
| I13A | Wildhorse Cree | 63.40 | 54 | ↑P | P | 01 10 36.6 +0.2 |
| HLID | Hailey | 63.45 | 54 | ↑P | P | 01 10 36.8 0.0 |
| HLID | Hailey | 63.45 | 54 | eP | P | 01 10 37.2 +0.4 |
| HLID | comp=Z,7.6nm,0.9s,mb4.8 | | | | LR | |
| M10A | LL Ranch, Tu | 63.47 | 57 | ↑P | P | 01 10 36.9 0.0 |
| L11A | Cat Creek Ranch | 63.53 | 56 | ↑P | P | 01 10 37.7 +0.4 |
| G15A | Dillon | 63.53 | 52 | P | P | 01 10 37.6 +0.3 |
| SJ1 | Sawahan | 63.54 | 225 | P | P | 01 10 36.5 -1.1 |
| MCMT | McKenzie Canyo | 63.55 | 52 | eP | P | 01 10 37.9 +0.5 |
| WAKR | Walker | 63.57 | 61 | eP | P | 01 10 39.0 +1.3 |
| SDSI | Sungai Dareh | 63.61 | 238 | P | P | 01 10 38.7 +0.5 |
| E17A | Martinsdale | 63.62 | 50 | ↑P | P | 01 10 38.2 +0.4 |
| SMRI | Semarang | 63.62 | 226 | P | P | 01 10 38.7 +0.5 |
| F16A | Kenard Place, | 63.62 | 51 | ↑P | P | 01 10 39.3 +1.4 |
| J13A | Cove Ranch, Pi | 63.68 | 54 | ↑P | P | 01 10 38.8 +0.2 |
| BOZ | Bozeman (W) | 63.71 | 51 | ↑P | P | 01 10 38.6 +0.4 |
| BOZ | Bozeman (W) | 63.71 | 51 | ↑P | Pmax | 01 10 39.0 +0.6 |
| BOZ | comp=Z,20nm,0.9s,mb5.2 | | | | Pmax | |
| BOZ | Bozeman (W) | 63.71 | 51 | ↑P | MLR | 01 10 39.0 +0.6 |
| BOZ | comp=Z,20nm,0.9s,mb5.2 | | | | MLR | |
| D18A | Linhart Farms, | 63.72 | 49 | ↑P | P | 01 10 37.7 -0.8 |
| BMN | Battle Mountai | 63.73 | 58 | eP | Pmax | 01 10 39.2 +0.5 |
| BMN | comp=Z,24nm,0.9s,mb5.2 | | | | Pmax | |
| BMN | Battle Mountai | 63.73 | 58 | eP | MLR | 01 10 39.2 +0.5 |
| BMN | comp=Z,24nm,0.9s,mb5.2 | | | | MLR | |
| K12A | Draper Farm, C | 63.74 | 55 | ↑P | P | 01 10 38.6 -0.1 |
| I14A | Mackay | 63.77 | 53 | ↑P | P | 01 10 39.6 +0.8 |
| PWJ1 | Pagewajo | 63.77 | 224 | P | P | 01 10 38.0 -1.1 |
| H15A | Lima | 63.79 | 52 | ↑P | P | 01 10 39.2 +0.2 |
| PPI | Padang Panjang | 63.85 | 240 | P | P | 01 10 39.5 -0.3 |
| G16A | Moss Hill, Enn | 63.87 | 51 | ↑P | P | 01 10 39.9 +0.4 |
| MOR8 | Moi Rana | 63.96 | 342 | ↑P | AMB | 01 10 37.9 -1.9 |
| MOR8 | comp=Z,109nm,1.1s,mb5.8 | | | | AMB | 01 10 39.1 |
| MOR8 | Moi Rana | 63.96 | 342 | ↑P | P | 01 10 37.9 -1.9 |
| MOR8 | comp=Z,109nm,1.1s,mb5.8 | | | | P | |
| M11A | Holland Ranch, | 63.96 | 57 | ↑P | P | 01 10 41.0 +0.8 |
| L12A | House Creek Ra | 63.97 | 343 | eP | P | 01 10 40.5 -0.2 |
| FLOS | Flostrand | 64.06 | 342 | eP | P | 01 10 40.2 -0.2 |
| E18A | Harlowton | 64.06 | 49 | ↑P | P | 01 10 41.3 +0.5 |
| F17A | Fitzpatrick Pl | 64.08 | 50 | ↑P | P | 01 10 41.1 +0.3 |
| KNA | Kumura | 64.09 | 204 | P | P | 01 10 41.0 -0.2 |
| J14A | Carey | 64.11 | 54 | ↑P | P | 01 10 42.0 +0.9 |
| KAF | Kangasniemi | 64.15 | 335 | eP | Pmax | 01 10 40.0 -1.1 |
| KAF | comp=Z,47nm,0.7s,mb5.6 | | | | Pmax | |
| KAF | Kangasniemi | 64.15 | 335 | eP | P | 01 10 40.0 -1.1 |
| KAF | comp=Z,47nm,0.7s,mb5.6 | | | | P | |
| PDSI | Padang | 64.17 | 239 | P | P | 01 10 42.0 +0.1 |
| K13A | Stover Farm, H | 64.20 | 55 | ↑P | P | 01 10 42.7 +0.9 |
| O10A | Cortez Mining, | 64.25 | 58 | ↑P | P | 01 10 43.1 +1.0 |
| NVAR | Miná Array Bea | 64.31 | 61 | P | P | 01 10 43.1 +0.5 |
| NVAR | comp=Z,6.2nm,0.8s,mb4.7,baz=292,slow=6.2,SNR=32 | | | | sP | |
| NVAR | comp=Z,3.9nm,0.7s,baz=3.0,slow=31,SNR=10 | | | | sP | |
| QLMT | Garauke La | 64.33 | 52 | eP | P | 01 11 19.1 +2.0 |
| QLMT | comp=Z,6.6nm,0.8s,baz=280,slow=6.3,SNR=4.8 | | | | PcP | |
| SCO | Scoresbyund | 64.40 | 357 | ↑P | P | 01 10 43.8 +0.2 |
| SCO | comp=Z,37nm,1.4s,mb5.2 | | | | S | |
| SCO | Scoresbyund | 64.40 | 357 | ↑P | Pmax | 01 19 20.3 +1.1 |
| SCO | comp=Z,46nm,1.0s,mb5.5 | | | | Pmax | |
| SCO | Scoresbyund | 64.40 | 357 | ↑P | MLR | 01 10 42.8 +0.2 |
| SCO | comp=Z,46nm,1.0s,mb5.5 | | | | MLR | |
| SCO | Pierce Place, | 64.40 | 51 | ↑P | P | 01 10 43.9 +0.9 |
| SCO | comp=Z,2jm,18.0s,M55.4 | | | | P | |
| SCO | Pierce Place, | 64.40 | 51 | ↑P | P | 01 10 44.4 +0.8 |
| SCO | comp=Z,46nm,1.0s,mb5.5 | | | | P | |
| G17A | Pierce Place, | 64.40 | 51 | ↑P | P | 01 10 44.3 +0.6 |
| M12A | Wells | 64.49 | 56 | ↑P | P | |

Table with columns: Station Name, Frequency, Class, Power, and Signal. Includes stations like KIV Kislodovsk, Y15A Casa Rosa Ranch, and MBWA Marble Bar.

Table with columns: Station Name, Frequency, Class, Power, and Signal. Includes stations like KMY Karmoy, Y21A Point of Rocks, and MBWA Marble Bar.

Table with columns: Station Name, Frequency, Class, Power, and Signal. Includes stations like Y21A Point of Rocks, MUD Monsted U'grnd, and MBWA Marble Bar.

| | | | | | |
|-------|--|-----------|-------|-----|-----------------|
| LFF | comp=Z,156nm,1.0s,mb5.9 | 86.38 339 | eP | P | 01 12 48.7 -0.4 |
| LFF | La Frestale | | | pmx | |
| LFF | comp=Z,78nm,1.0s,mb5.9 | 86.38 339 | eP | P | 01 12 48.7 -0.4 |
| SIVA | Sivas | 86.46 319 | P | P | 01 12 48.9 -0.9 |
| SIVA | Sivas | 86.46 319 | P | P | 01 12 48.9 -0.9 |
| KARN | Karanos | 86.56 319 | P | P | 01 12 49.4 -0.8 |
| GOGA | Godfrey | 87.32 43 | eP | P | 01 12 53.0 -1.0 |
| GOGA | comp=Z,14nm,0.7s,mb5.3 | | | MLR | |
| GOGA | comp=Z,21nm,21.0s,MS5.6 | 87.32 43 | eP | P | 01 12 53.0 -1.0 |
| GOGA | Godfrey | | | | |
| GOGA | comp=Z,14nm,0.7s,mb5.3 | | | MLR | |
| DGAR | comp=Z,21nm,21.0s,MS5.6 | 86.45 257 | eP | P | 01 12 51.5 -2.8 |
| BRAL | Diego Garcia | 87.46 47 | eP | P | 01 12 54.5 -0.2 |
| BRAL | comp=Z,92nm,0.7s,mb6.1 | | | | |
| BRAL | comp=Z,21nm,20.0s,MS5.5 | | | LR | |
| MTLF | Larouge-do-Fa | 87.49 338 | eP | P | 01 12 54.3 -0.3 |
| MTLF | Montolioeu | | | | |
| MTLF | comp=Z,54nm,1.1s,mb5.4 | | | | |
| MTLF | Montolioeu | 87.49 338 | eP | P | 01 12 54.3 -0.3 |
| MTLF | comp=Z,27nm,1.0s,mb5.4 | | | pmx | |
| MTLF | Montolioeu | 87.49 338 | eP | P | 01 12 54.3 -0.3 |
| CEL | Celeste | 87.56 326 | eP | P | 01 12 53.6 -1.5 |
| CEL | comp=Z,21nm,1.0s,mb5.3 | | | LR | |
| JSC | Jenkinsville | 87.65 41 | eP | P | 01 12 55.1 -0.4 |
| JSC | | | | e | |
| SOI | Samo | 87.66 326 | P | P | 01 12 54.4 -1.1 |
| LRDF | Larouge-do-Fa | 87.76 337 | eP | P | 01 12 55.2 +0.2 |
| DGI | Dorgali Grotta | 88.43 339 | eP | P | 01 12 57.1 -0.2 |
| CARF | Carcanieres | 88.10 338 | eP | P | 01 12 57.5 0.0 |
| SJAF | Saint Jean de | 88.11 337 | eP | P | 01 12 57.1 -0.5 |
| FILJO | Filloles | 88.12 337 | eP | P | 01 12 57.8 +0.2 |
| ELON | La Jonquera | 88.14 337 | P | P | 01 12 57.5 -0.2 |
| ELON | comp=Z,237nm,3.0s | | | | |
| MLS | Mouils | 88.14 338 | eP | P | 01 12 56.4 -1.3 |
| EPF | Esparras | 88.27 339 | eP | P | 01 12 56.9 -1.4 |
| EPF | Esparras | 88.27 339 | eP | P | 01 12 56.9 -1.4 |
| EPF | comp=Z,38nm,1.1s,mb5.2 | | | pmx | |
| EPF | Esparras | 88.27 339 | eP | P | 01 12 56.9 -1.4 |
| EPF | comp=Z,19nm,1.0s,mb5.3 | | | | |
| EPF | Esparras | 88.27 339 | eP | P | 01 12 56.9 -1.4 |
| CLLI | Llivia | 88.36 338 | eP | P | 01 12 58.6 -0.2 |
| CNNC | Cliffs of the | 88.36 338 | PFAKE | LR | 01 13 10.0 +1.1 |
| CNNC | comp=Z,21nm,19.0s,MS5.5 | | | | |
| VALF | Vaicebollere | 88.42 338 | eP | P | 01 12 59.2 +0.2 |
| RESR | Res | 88.43 339 | eP | P | 01 12 59.5 +0.2 |
| VIEW | View | 88.48 339 | eP | P | 01 12 59.1 +0.1 |
| EALK | Alkurruntz | 88.54 340 | P | P | 01 12 59.1 -0.5 |
| SJPF | Ste Jean | 88.57 340 | eP | P | 01 13 00.3 +0.5 |
| SJPF | comp=Z,33nm,1.1s,mb5.3 | | | | |
| SJPF | Ste Jean | 88.57 340 | eP | P | 01 13 00.3 +0.5 |
| SJPF | comp=Z,16nm,1.1s,mb5.3 | | | pmx | |
| SJPF | Ste Jean | 88.57 340 | eP | P | 01 13 00.3 +0.5 |
| ELIZ | Elizondo | 88.60 340 | P | P | 01 12 58.8 -1.1 |
| ELIZ | comp=Z,36nm,1.2s,mb5.6 | | | pmx | |
| ELIZ | Elizondo | 88.60 340 | P | P | 01 12 58.8 -1.1 |
| ELIZ | comp=Z,28nm,0.7s,mb5.4 | | | | |
| ETSF | Etsaut | 88.61 340 | eP | P | 01 12 59.3 -0.7 |
| ETSF | Etsaut | 88.61 340 | eP | P | 01 12 59.3 -0.7 |
| ETSF | comp=Z,14nm,0.7s,mb5.4 | | | pmx | |
| ETSF | Etsaut | 88.61 340 | eP | P | 01 12 59.3 -0.7 |
| EBIE | Bleisa | 88.64 339 | P | P | 01 13 00.2 +0.1 |
| CSOR | Sort | 88.68 338 | P | P | 01 13 00.2 0.0 |
| CSOR | comp=Z,275nm,1.7s,mb5.8 | | | | |
| SNZO | South Karori | 88.79 162 | PFAKE | LR | 01 13 10.0 +1.0 |
| SNZO | comp=Z,21nm,21.0s,MS5.6 | | | | |
| VSL | Villasalto | 88.85 331 | eP | P | 01 12 59.9 -1.2 |
| VSL | comp=Z,32nm,1.2s,mb5.5 | | | | |
| VSL | comp=Z,21nm,20.0s,MS5.5 | | | LR | |
| CFON | Fontmartina | 88.90 337 | P | P | 01 13 02.3 +1.0 |
| ELAN | Lanestosa | 88.97 342 | P | P | 01 13 01.1 -0.5 |
| NHSC | New Hope | 89.12 41 | eP | P | 01 13 02.3 -0.2 |
| NHSC | comp=Z,75nm,1.0s,mb6.0 | | | | |
| NHSC | comp=Z,21nm,20.0s,MS5.6 | | | LR | |
| ECRI | Cripan | 89.35 341 | P | P | 01 13 03.2 -0.2 |
| ECRI | comp=Z,9.0nm,1.0s,mb5.0 | | | pmx | |
| ECRI | Cripan | 89.35 341 | P | P | 01 13 03.2 -0.3 |
| EPOB | Poble | 89.55 338 | P | P | 01 13 04.1 -0.7 |
| ESAC | San Caprasio | 89.70 339 | P | P | 01 13 04.2 -0.1 |
| WDD | Weild Dalam | 90.18 326 | PFAKE | LR | 01 13 20.0 +1.3 |
| ERTA | Horta de San J | 90.21 338 | P | P | 01 13 06.6 -0.9 |
| ERT | comp=Z,37nm,1.9s,mb5.4 | | | | |
| RPZ | Rata Beaks | 91.23 411 | eP | P | 01 13 10.0 +2.1 |
| ETOS | Mallorca | 90.65 336 | P | P | 01 13 09.3 -0.3 |
| ETOR | Torete | 90.94 340 | P | P | 01 13 10.5 -0.4 |
| ETOR | comp=Z,14nm,0.8s,mb5.3 | | | pmx | |
| ETOR | Torete | 90.94 340 | P | P | 01 13 10.4 -0.4 |
| PBRG | Bragasa | 91.48 344 | eP | P | 01 13 10.7 -0.6 |
| GUD | Guadarrama | 91.60 341 | P | P | 01 13 13.3 -0.6 |
| GUD | comp=Z,21nm,2.8s,mb5.0 | | | pmx | |
| GUD | Guadarrama | 91.60 341 | P | P | 01 13 13.3 -0.6 |
| GUD | comp=Z,26nm,1.9s,mb5.2 | | | | |
| GUD | Guadarrama | 91.60 341 | P | P | 01 13 13.3 -0.6 |
| MVO | Moncorvo | 91.71 344 | eP | P | 01 13 13.3 -1.1 |
| MVO | comp=Z,26nm,1.9s,mb5.2 | | | | |
| MVO | Moncorvo | 91.71 344 | eP | P | 01 13 13.3 -1.1 |
| MVO | comp=Z,34nm,1.4s,mb5.5 | | | eS | |
| MVO | Moncorvo | 91.71 344 | eP | P | 01 13 12.6 -1.9 |
| PVRL | Vila Real | 91.73 344 | eP | P | 01 13 13.6 -0.9 |
| KEST | Kesra | 92.24 330 | eP | P | 01 13 16.7 -0.3 |
| KEST | comp=Z,44nm,1.0s,mb5.7 | | | | |
| KEST | comp=Z,9.9nm,1.0s,mb5.1,ba2=26,slow=3.3,SNR=25 | | | LR | |
| KEST | comp=Z,11nm,18.4s,MS5.4,ba2=156,slow=39 | | | SL | |
| KEST | Keira | 92.24 330 | eP | P | 01 13 16.6 -0.4 |
| PVIS | Visu | 92.31 341 | eP | P | 01 13 16.2 -1.0 |
| ESDC | Sonsec Array | 92.48 341 | P | P | 01 13 16.8 -1.2 |
| ESDC | comp=Z,43nm,1.4s,mb5.3 | | | | |
| ESDC | Sonsec Array | 92.48 341 | P | P | 01 13 16.8 -1.2 |
| ESDC | comp=Z,5.9nm,0.9s,mb4.9,ba2=15,slow=3.7,SNR=26 | | | | |
| ESDC | Sonsec Array | 92.48 341 | P | P | 01 13 16.8 -1.3 |
| ESLA | Sonsec Array | 92.48 341 | PFAKE | LR | 01 13 30.0 +1.2 |
| ESLA | comp=Z,9nm,19.0s,MS6.2 | | | | |
| MTE | Manteigas | 92.55 344 | eP | P | 01 13 17.3 -1.0 |
| MTE | comp=Z,37nm,1.9s,mb5.5 | | | | |
| MTE | Manteigas | 92.55 344 | PFAKE | LR | 01 13 30.0 +1.2 |
| MTE | comp=Z,21nm,18.0s | | | | |
| MTE | Manteigas | 92.55 344 | PFAKE | LR | 01 13 30.0 +1.2 |
| EPLA | Plasencia | 92.57 343 | P | P | 01 13 17.2 -1.2 |
| EPLA | comp=Z,21nm,1.7s,mb5.3 | | | pmx | |
| EPLA | Plasencia | 92.57 343 | P | P | 01 13 17.2 -1.3 |
| EPLA | comp=Z,22nm,1.7s,mb5.3 | | | | |

| | | | | | |
|-------|--------------------------|-----------|-------|--------|-----------------|
| DWPF | Disney | 92.66 45 | PFAKE | LR | 01 13 30.0 +1.1 |
| DWPF | comp=Z,21nm,21.0s,MS5.6 | | | | |
| PAB | San Pablo | 92.69 341 | PFAKE | LR | 01 13 30.0 +1.1 |
| PAB | comp=Z,21nm,19.0s,MS5.5 | | | | |
| EVIA | Vianos | 93.12 340 | P | P | 01 13 20.4 -0.6 |
| EVIA | comp=Z,26nm,1.3s,mb5.5 | | | pmx | |
| EVIA | comp=Z,26nm,1.3s,mb5.5 | 93.12 340 | P | P | 01 13 20.4 -0.6 |
| PMRV | Marv??o | 93.45 344 | eP | P | 01 13 21.7 -0.8 |
| PMRV | comp=Z,14nm,2.0s,mb5.0 | | | eS | |
| PMRV | comp=Z,21nm,18.0s | | | SKKSac | |
| PTOM | Tomar | 93.47 344 | eP | P | 01 24 12.8 -2.0 |
| PTOM | comp=Z,35nm,1.3s,mb5.6 | | | LR | |
| EBAN | Banos Encina | 93.88 340 | P | P | 01 13 24.0 -0.5 |
| EBAN | comp=Z,20nm,1.6s,mb5.3 | | | pmx | |
| EBAN | Banos Encina | 93.88 340 | P | P | 01 13 24.0 -0.5 |
| PESTR | Estrezo | 94.48 344 | eP | P | 01 13 23.8 -1.4 |
| PESTR | comp=Z,20nm,2.0s,mb5.2 | | | | |
| PESTR | Estrezo | 94.48 344 | eP | P | 01 24 04.5 +5.9 |
| PESTR | comp=Z,20nm,2.0s,mb5.2 | | | eS | |
| PESTR | Estrezo | 94.48 344 | eP | P | 01 51 57.7 |
| PMAFR | Matamoros | 94.28 345 | eLR | LR | 01 50 31.0 |
| ATD | Arta Tunnel | 94.38 291 | LR | LR | 01 57 13.6 |
| EVO | Evora | 94.44 344 | IP | P | 01 13 25.4 -1.7 |
| EVO | comp=Z,44nm,1.4s,mb5.4 | | | | |
| EVO | comp=Z,20nm,20.0s,MS5.3 | | | eMLR | |
| EVO | Sao Brissos | 94.47 344 | eP | P | 01 13 27.1 -0.1 |
| EVOP | Evop | 94.48 345 | eS | SKKSac | 01 24 00.1 +0.8 |
| EVOP | Evop | 94.48 345 | eS | SKKSac | 01 24 00.8 -0.1 |
| EVOP | Evop | 94.48 345 | eS | AMS | 02 00 08.0 |
| EVOP | comp=Z,21nm,18.0s,MS5.5 | | | | |
| EVOP | Sao Brissos | 94.47 344 | eP | P | 01 13 27.0 -0.2 |
| EVOP | Evop | 94.48 345 | eS | SKKSac | 01 24 00.1 +0.8 |
| EVOP | Evop | 94.48 345 | eS | AMS | 01 13 27.1 -0.1 |
| EVOP | Evop | 94.48 345 | eS | AMS | 02 04 58.1 |
| ELUO | Luque | 94.57 341 | P | P | 01 13 27.5 -0.2 |
| ELUO | comp=Z,23nm,1.3s,mb5.5 | | | pmx | |
| ELUO | Luque | 94.57 341 | P | P | 01 13 27.5 -0.2 |
| ELUO | comp=Z,23nm,1.3s,mb5.5 | | | | |
| PBAR | Barrancos | 94.59 343 | eP | P | 01 13 26.4 -1.4 |
| PBAR | comp=Z,27nm,2.0s,mb5.3 | | | | |
| PBAR | Barrancos | 94.59 343 | eP | P | 01 24 08.7 +7.1 |
| PBAR | comp=Z,27nm,2.0s,mb5.3 | | | eS | |
| PBEJ | Beja | 94.90 344 | eP | LR | 01 13 27.0 -2.2 |
| PBEJ | comp=Z,28nm,1.4s,mb5.5 | | | | |
| MESJ | Messejana | 95.14 344 | eP | P | 01 13 30.4 +0.1 |
| MESJ | Messejana | 95.14 344 | eP | P | 01 24 04.1 -0.5 |
| MESJ | Messejana | 95.14 344 | eP | P | 01 24 04.3 -0.4 |
| MESJ | Messejana | 95.14 344 | eP | P | 02 05 21.4 |
| MESJ | Messejana | 95.14 344 | eP | P | 01 13 30.4 +0.1 |
| MESJ | Messejana | 95.14 344 | eP | P | 01 24 04.1 -0.6 |
| MESJ | Messejana | 95.14 344 | eP | P | 02 05 21.4 |
| MESJ | Messejana | 95.14 344 | eP | P | 01 13 30.4 +0.1 |
| MESJ | Messejana | 95.14 344 | eP | P | 01 24 04.2 -0.5 |
| MESJ | Messejana | 95.14 344 | eP | P | 01 13 30.7 -0.4 |
| PCVE | Castro Verde | 95.32 344 | eP | P | 01 24 15.1 +1.0 |
| PCVE | comp=Z,23nm,1.4s,mb5.4 | | | eS | |
| PCVE | Castro Verde | 95.32 344 | eP | P | 01 52 43.5 |
| TEIG | Tejich | 95.36 54 | PFAKE | LR | 01 13 40.0 +8.4 |
| TEIG | comp=Z,11nm,19.0s,MS5.4 | | | | |
| PVAQ | Vaqueiros | 95.47 343 | eS | SKKSac | 01 24 13.3 +6.9 |
| PVAQ | comp=Z,18nm,18.0s | | | eLR | |
| RKT | Rikitea | 95.53 117 | eSP | SP | 01 26 04.0 -1.4 |
| RKT | comp=Z,940nm,29.2s | | | eSS | |
| RKT | Rikitea | 95.53 117 | eSP | SS | 01 31 15.8 -0.6 |
| RKT | comp=Z,910nm,25.0s | | | eLR | |
| PBDV | Barranco-do-Ve | 95.67 343 | eS | SKKSac | 01 44 26.5 |
| PBDV | comp=Z,21nm,18.0s | | | LR | |
| MORF | Marletele | 95.75 344 | eS | SKKSac | 01 24 31.3 -0.5 |
| MORF | comp=Z,21nm,18.0s | | | eLR | |
| MORF | Marletele | 95.75 344 | eS | SKKSac | 01 13 33.0 -0.1 |
| MORF | Marletele | 95.75 344 | eS | SKKSac | 01 24 07.6 -0.3 |
| PFVI | Vila Bisbo | 95.95 344 | eS | SKKSac | 01 24 33.6 +0.3 |
| PFVI | comp=Z,18nm,18.0s | | | LR | |
| SFS | San Fernando | 96.06 342 | PFAKE | LR | 01 13 50.0 +1.6 |
| SFS | comp=Z,41nm,19.0s,MS5.9 | | | | |
| BBSR | BB Station | 96.10 30 | PFAKE | LR | 01 13 50.0 +1.5 |
| BBSR | comp=Z,21nm,22.0s,MS5.4 | | | | |
| CMLA | Cha da Macela | 97.24 357 | PFAKE | LR | 01 13 50.0 +1.0 |
| CMLA | comp=Z,11nm,20.0s,MS5.4 | | | | |
| MSEY | Mahe Island | 97.29 271 | PFAKE | LR | 01 13 50.0 +1.0 |
| MSEY | comp=Z,11nm,19.0s,MS5.4 | | | | |
| TGUH | Tegucigalpa,Un | 100.80 57 | PFAKE | LR | 01 14 10.0 +1.4 |
| TGUH | comp=Z,903nm,21.0s,MS5.7 | | | | |
| GTBY | Guantanamo Bay | 102.64 44 | PFAKE | LR | 01 14 20.0 +1.6 |
| GTBY | comp=Z,11nm,20.0s,MS5.5 | | | | |
| MTDJ | Mount Denham | 102.84 47 | PFAKE | LR | 01 14 20.0 +1.5 |
| MTDJ | comp= | | | | |

ellipse: s-maj=1.6km s-min=1.5km az=165.0
THE 06:02:27.23.6.39.58N.28.62E.h26km,1.1km,ML3.8/5,Error
ellipse: s-maj=11.9km s-min=1.1km az=91.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations from DURS to ENEZ.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations from ENEZ to WRA.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations from WRA to JCT.

MEX 06:02:50:27.9.0.8,14.11N:93.33W,h10km,90km,MD3.8,
Near coast of Chiapas
Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC.

IDC 06:02:48:59.2.0.6,10.96N:91.83E,h0km,mb4.1/20,
mb1.4/2.21,mb1mx4.1/30,mb1mx4.1/21,ML4.0/1,Error
ellipse: s-maj=22.9km s-min=12.8km az=57.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations from CMAR to VIS.

BUI 06:02:49:03.1,11.00N:91.90E,h30km,mb4.8/3,mb4.4/13
NEIC 06:02:49:06.1.1.7,11.02N:91.95E,h50km,14km,mb4.3/10,
Error ellipse: s-maj=13.5km s-min=6.8km az=52.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations from CMAR to VIS.

IDC 06:02:49:00.8.3.7,10.93N:0.07.91.82E,0.06,h11km,23km,
n60,0.983/56,mb4.2/30,Andaman Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations from CMAR to VIS.

IDC 06:02:55:43.6.3.7,19.31S:175.99W,h35km,8km,mb3.4/3,
mb1.3/7.4,mb1mx3.5/16,mb1mx3.6/4,ML2.5/1,Error
ellipse: s-maj=14.1km s-min=33.5km az=139.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations from CMAR to VIS.

NOU 06:02:57:30.1.1.4,20.61S:169.94E,h10km,MD3.1,ML3.2
ISC 06:02:57:31.6.3.5,21.45S:170.02E,0.2,h18km,29km,
h37km,2.0km,pP,n8,0.937/11,mb3.6/3,Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations from CMAR to VIS.

IDC 06:02:58:20.8.1.2,6.77N:105.339E,0.2,h0km,Error
ellipse: s-maj=9.9km s-min=6.4km az=10.6

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations from CMAR to VIS.

CSEM 06:02:58:23.1.0.5,6.781N:33.72E,h2km,ML2.5,Error
ellipse: s-maj=9.7km s-min=5.8km az=82.0, Mining
explosion: 24.9.1.1,6.7766N:33.66E,ML2.5
HEL 06:02:58:24.3.0.2,6.770N:33.74E,h0km,ML2.3,
ML2.5(NAO),Explosion
IDC 06:02:58:28.9.2.2,6.759N:32.85E,h0km,mb1.3.5/4,
mb1mx2.2/27,mb1mx3.4/4,ML2.1/4,Error ellipse:
s-maj=23.0km s-min=8.6km az=80.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations from WRA to JCT.

IDC 06:02:55:43.6.3.7,19.31S:175.99W,h35km,8km,mb3.4/3,
mb1.3/7.4,mb1mx3.5/16,mb1mx3.6/4,ML2.5/1,Error
ellipse: s-maj=14.1km s-min=33.5km az=139.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations from WRA to JCT.

NOU 06:02:57:30.1.1.4,20.61S:169.94E,h10km,MD3.1,ML3.2
ISC 06:02:57:31.6.3.5,21.45S:170.02E,0.2,h18km,29km,
h37km,2.0km,pP,n8,0.937/11,mb3.6/3,Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations from WRA to JCT.

IDC 06:02:58:20.8.1.2,6.77N:105.339E,0.2,h0km,Error
ellipse: s-maj=9.9km s-min=6.4km az=10.6

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations from WRA to JCT.

CSEM 06:02:58:23.1.0.5,6.781N:33.72E,h2km,ML2.5,Error
ellipse: s-maj=9.7km s-min=5.8km az=82.0, Mining
explosion: 24.9.1.1,6.7766N:33.66E,ML2.5
HEL 06:02:58:24.3.0.2,6.770N:33.74E,h0km,ML2.3,
ML2.5(NAO),Explosion
IDC 06:02:58:28.9.2.2,6.759N:32.85E,h0km,mb1.3.5/4,
mb1mx2.2/27,mb1mx3.4/4,ML2.1/4,Error ellipse:
s-maj=23.0km s-min=8.6km az=80.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations from WRA to JCT.

IDC 06:02:58:23.1.1.1,6.774N:104.337E,0.2,h0km,n23,
0.134/43,Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations from WRA to JCT.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like ARMA Armidale, CNA Canberra, CTB Charters Tower, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like JHO Hitachi, JHO Iwakimizuishi, JNA Kawauchi, etc.

ISCJB 06:04:25:47.9, 1.2, 2.1S: 0.1: 138.89E: 0.06, h26km, 11km, mb3.5/3, Error ellipse: s-maj=19.5km s-min=10.5km az=9.2

IDC 06:04:25:47.6, 4.1, 2.1S: 18S: 18E: h0km, mb3.6/3, mb1.3/4, mb1mx3.6/5, mbtmp3.7/4, ML3.7/1, Error ellipse: s-maj=180.7km s-min=25.6km az=86.0

DJA 06:04:25:47.1, 9.5S: 138.98E: h11km, MLV3.7/3, ISC 06:04:25:48.2, 1.2, 2.1S: 0.1: 138.94E: 0.07, h16km, 11km, mb, c056/3, mb3.5/3, Irian Jaya

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like SMPJ Sarni, JAY Jayapura, BAKI Biak, etc.

IDC 06:04:30:19.4, 0.5, 2.5: 16S: 176.24W, h0km, mb5.1/16, mb1.5/2, mb1mx5.2/17, mbtmp5.1/17, ML5.7/1, MS5.0/21, Ms1.5, 0/21, ms1mx4.9/27, Error ellipse: s-maj=19.1km s-min=11.7km az=160.0

GCMT 06:04:30:23.7, 0.1, 2.5: 53S: 175.88W, h20km, MW5.3, Moment Tensor Solution: 570.0c105: s99.c1689: Moment tensor: Scale 107Nm; Mr:0.00; Mw:0.00; Mw:0.00; Best double couple: M0:1.20000x1017 Np1:0.26000000, s66.000000, lambda-150.000000. NP2:0.152.000000, s66.000000, lambda-38.000000. Principal axes: T 1.1600, Plg6.00000. Azm208.00000; N 0.1200, Plg46.00000; Azm304.00000; P -1.2800, Plg43.00000, Azm112.00000; Data used: II IU IC G CN.

SZGRF 06:04:30:24.7, 25.48S: 176.92W, h40km, mb5.5, South of Fiji Islands

MOS 06:04:30:24.9, 2.9, 2.5: 40S: 176.25W, h33km, mb5.5/59, MS5.2/68, Error ellipse: s-maj=10.4km s-min=7.0km az=59.9

ISCJB 06:04:30:24.1, 0.1, 2.5: 53S: 0.04: 176.29W: 0.03, h37km, mb5.5/166, MS5.2/237, Error ellipse: s-maj=6.0km s-min=3.5km az=152.7

NEIC 06:04:30:26.9, 0.1, 2.5: 46S: 176.35W, mb5.5/130, MS5.3/192, Error ellipse: s-maj=5.1km s-min=3.2km az=146.0

BUI 06:04:30:26.3, 25.17S: 175.94W, h53km, mb5.5/24, mb5.4/43, Ms5.3/38, Ms7.5/37

BGS 06:04:30:26.9, 0.5, 2.5: 46S: 176.35W, h49km, mb5.5(NEIC) DJA 06:04:30:25.9, 0.5, 2.5: 80S: 176.70W, h166km, mb5.3/20, ISC 06:04:30:25.9, 0.1, 2.5: 35S: 0.04: 176.26W: 0.03, h39km, h39km, 2.0km, pp-P, n1214, c068/739, mb5.5/166, MS5.2/237, 299C-20D, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like RAO Raoul Island, RAO 501nm, 0.3s, baz=260, slow=23, SNR=14, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like RAO Raoul Island, RAO 167nm, 0.3s, baz=66, slow=23, SNR=4.0, etc.

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

ISCJB 06:04:25:47.9, 1.2, 2.1S: 0.1: 138.89E: 0.06, h26km, 11km, mb3.5/3, Error ellipse: s-maj=19.5km s-min=10.5km az=9.2

IDC 06:04:25:47.6, 4.1, 2.1S: 18S: 18E: h0km, mb3.6/3, mb1.3/4, mb1mx3.6/5, mbtmp3.7/4, ML3.7/1, Error ellipse: s-maj=180.7km s-min=25.6km az=86.0

DJA 06:04:25:47.1, 9.5S: 138.98E: h11km, MLV3.7/3, ISC 06:04:25:48.2, 1.2, 2.1S: 0.1: 138.94E: 0.07, h16km, 11km, mb, c056/3, mb3.5/3, Irian Jaya

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

IDC 06:04:30:19.4, 0.5, 2.5: 16S: 176.24W, h0km, mb5.1/16, mb1.5/2, mb1mx5.2/17, mbtmp5.1/17, ML5.7/1, MS5.0/21, Ms1.5, 0/21, ms1mx4.9/27, Error ellipse: s-maj=19.1km s-min=11.7km az=160.0

GCMT 06:04:30:23.7, 0.1, 2.5: 53S: 175.88W, h20km, MW5.3, Moment Tensor Solution: 570.0c105: s99.c1689: Moment tensor: Scale 107Nm; Mr:0.00; Mw:0.00; Mw:0.00; Best double couple: M0:1.20000x1017 Np1:0.26000000, s66.000000, lambda-150.000000. NP2:0.152.000000, s66.000000, lambda-38.000000. Principal axes: T 1.1600, Plg6.00000. Azm208.00000; N 0.1200, Plg46.00000; Azm304.00000; P -1.2800, Plg43.00000, Azm112.00000; Data used: II IU IC G CN.

SZGRF 06:04:30:24.7, 25.48S: 176.92W, h40km, mb5.5, South of Fiji Islands

MOS 06:04:30:24.9, 2.9, 2.5: 40S: 176.25W, h33km, mb5.5/59, MS5.2/68, Error ellipse: s-maj=10.4km s-min=7.0km az=59.9

ISCJB 06:04:30:24.1, 0.1, 2.5: 53S: 0.04: 176.29W: 0.03, h37km, mb5.5/166, MS5.2/237, Error ellipse: s-maj=6.0km s-min=3.5km az=152.7

NEIC 06:04:30:26.9, 0.1, 2.5: 46S: 176.35W, mb5.5/130, MS5.3/192, Error ellipse: s-maj=5.1km s-min=3.2km az=146.0

BUI 06:04:30:26.3, 25.17S: 175.94W, h53km, mb5.5/24, mb5.4/43, Ms5.3/38, Ms7.5/37

BGS 06:04:30:26.9, 0.5, 2.5: 46S: 176.35W, h49km, mb5.5(NEIC) DJA 06:04:30:25.9, 0.5, 2.5: 80S: 176.70W, h166km, mb5.3/20, ISC 06:04:30:25.9, 0.1, 2.5: 35S: 0.04: 176.26W: 0.03, h39km, h39km, 2.0km, pp-P, n1214, c068/739, mb5.5/166, MS5.2/237, 299C-20D, South of Fiji Islands

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

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

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

ISCJB 06:04:25:47.9, 1.2, 2.1S: 0.1: 138.89E: 0.06, h26km, 11km, mb3.5/3, Error ellipse: s-maj=19.5km s-min=10.5km az=9.2

IDC 06:04:25:47.6, 4.1, 2.1S: 18S: 18E: h0km, mb3.6/3, mb1.3/4, mb1mx3.6/5, mbtmp3.7/4, ML3.7/1, Error ellipse: s-maj=180.7km s-min=25.6km az=86.0

DJA 06:04:25:47.1, 9.5S: 138.98E: h11km, MLV3.7/3, ISC 06:04:25:48.2, 1.2, 2.1S: 0.1: 138.94E: 0.07, h16km, 11km, mb, c056/3, mb3.5/3, Irian Jaya

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

IDC 06:04:30:19.4, 0.5, 2.5: 16S: 176.24W, h0km, mb5.1/16, mb1.5/2, mb1mx5.2/17, mbtmp5.1/17, ML5.7/1, MS5.0/21, Ms1.5, 0/21, ms1mx4.9/27, Error ellipse: s-maj=19.1km s-min=11.7km az=160.0

GCMT 06:04:30:23.7, 0.1, 2.5: 53S: 175.88W, h20km, MW5.3, Moment Tensor Solution: 570.0c105: s99.c1689: Moment tensor: Scale 107Nm; Mr:0.00; Mw:0.00; Mw:0.00; Best double couple: M0:1.20000x1017 Np1:0.26000000, s66.000000, lambda-150.000000. NP2:0.152.000000, s66.000000, lambda-38.000000. Principal axes: T 1.1600, Plg6.00000. Azm208.00000; N 0.1200, Plg46.00000; Azm304.00000; P -1.2800, Plg43.00000, Azm112.00000; Data used: II IU IC G CN.

SZGRF 06:04:30:24.7, 25.48S: 176.92W, h40km, mb5.5, South of Fiji Islands

MOS 06:04:30:24.9, 2.9, 2.5: 40S: 176.25W, h33km, mb5.5/59, MS5.2/68, Error ellipse: s-maj=10.4km s-min=7.0km az=59.9

ISCJB 06:04:30:24.1, 0.1, 2.5: 53S: 0.04: 176.29W: 0.03, h37km, mb5.5/166, MS5.2/237, Error ellipse: s-maj=6.0km s-min=3.5km az=152.7

NEIC 06:04:30:26.9, 0.1, 2.5: 46S: 176.35W, mb5.5/130, MS5.3/192, Error ellipse: s-maj=5.1km s-min=3.2km az=146.0

BUI 06:04:30:26.3, 25.17S: 175.94W, h53km, mb5.5/24, mb5.4/43, Ms5.3/38, Ms7.5/37

BGS 06:04:30:26.9, 0.5, 2.5: 46S: 176.35W, h49km, mb5.5(NEIC) DJA 06:04:30:25.9, 0.5, 2.5: 80S: 176.70W, h166km, mb5.3/20, ISC 06:04:30:25.9, 0.1, 2.5: 35S: 0.04: 176.26W: 0.03, h39km, h39km, 2.0km, pp-P, n1214, c068/739, mb5.5/166, MS5.2/237, 299C-20D, South of Fiji Islands

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like MAW, ATKA, TWG, YULB, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like COCO, CMB, CMB, CMB, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like QIZ, Z15A, Z17A, X14A, etc.

| | | | | | | | |
|------|--|-------|-----|-------|------|------------|------|
| KULM | Kulim | 86.05 | 278 | eP | P | 04 43 02.8 | -0.2 |
| KULM | comp-Z,1um,19.0s,MS5.3 | | | | LR | | |
| PAYG | Puerto Ayora | 86.07 | 89 | PFAKE | LR | 04 43 10.0 | +6.9 |
| PAYG | comp-Z,939nm,19.0s,MS5.2 | | | | | | |
| E03A | Lebam | 86.11 | 33 | ↑P | P | 04 43 03.1 | +0.6 |
| Q12A | Willow Creek R | 86.12 | 43 | ↑P | P | 04 43 02.9 | +0.2 |
| N10A | Dunphy | 86.13 | 41 | ↑P | P | 04 43 03.4 | +0.7 |
| R13A | O'Grain Ranch, baz=88,SNR=21 | 86.14 | 44 | ↑P | P | 04 43 03.7 | +0.8 |
| 119A | Ashpeak Ranch, baz=86,SNR=30 | 86.15 | 51 | P | P | 04 43 03.9 | +0.9 |
| CCUT | Cedar City | 86.15 | 45 | eP | P | 04 43 04.0 | +1.1 |
| U15A | North Rim | 86.19 | 47 | ↑P | P | 04 43 03.9 | +0.7 |
| Y18A | Canyon Day Jun | 86.20 | 50 | ↑P | P | 04 43 03.3 | +0.1 |
| 220A | Playas Peak, P baz=88,SNR=60 | 86.23 | 52 | ↑P | P | 04 43 03.8 | +0.4 |
| ARUT | Antelope Range | 86.25 | 45 | eP | P | 04 43 04.0 | +0.7 |
| ARUT | comp-Z,65nm,1.5s,mb5.6 | | | | pmax | | |
| ARUT | Antelope Range | 86.25 | 45 | eP | P | 04 43 04.0 | +0.6 |
| F04A | Amboy | 86.27 | 34 | ↑P | P | 04 43 03.7 | +0.5 |
| WUAZ | Wupatki | 86.27 | 48 | ↑P | P | 04 43 03.8 | +0.2 |
| WUAZ | Wupatki | 86.27 | 48 | ↑P | P | 04 43 04.4 | +0.9 |
| WUAZ | comp-Z,145nm,1.5s,mb5.0 | | | | LR | | |
| O11A | Cowboy Ranch, baz=86,SNR=22 | 86.28 | 42 | ↑P | P | 04 43 03.7 | +0.2 |
| P12A | McGill | 86.33 | 43 | ↑P | P | 04 43 03.5 | -0.2 |
| LVP | Lakeview Peak | 86.36 | 34 | P | P | 04 43 04.3 | +0.6 |
| S14A | Cedar City | 86.40 | 45 | ↑P | P | 04 43 04.0 | -0.2 |
| DL2 | T-Link Ranch, baz=87,SNR=9.9 | 86.47 | 51 | ↑P | P | 04 43 04.0 | -0.5 |
| Z19A | Dalian | 86.47 | 316 | P | P | 04 43 06.4 | +2.0 |
| DL2 | | | | eS | S | 04 53 43.2 | +5.5 |
| DL2 | comp-Z,40nm,1.1s,mb5.6 | | | | pmax | | |
| DL2 | comp-N,250nm,21.9s,MS4.8 | | | | LR | | |
| DL2 | comp-E,380nm,21.1s,MS4.8 | | | | LR | | |
| DL2 | comp-Z,440nm,21.0s,MS4.8 | | | | LR | | |
| T15A | Red Dirt Ranch | 86.47 | 46 | ↑P | P | 04 43 05.1 | +0.6 |
| 120A | U Bar Ranch, L, baz=87,SNR=13 | 86.50 | 51 | ↑P | P | 04 43 04.9 | +0.1 |
| PSI | Prapat | 86.52 | 275 | LR | LR | 05 25 44.8 | |
| PSI | comp-Z,2um,18.4s,MS5.5,baz=126,slow=38 | | | | | | |
| NLWA | Neilton Lookou | 86.55 | 33 | ↑P | P | 04 43 04.9 | +0.3 |
| NLWA | Neilton Lookou | 86.55 | 33 | eP | P | 04 43 05.7 | +1.1 |
| NLWA | comp-Z,28nm,1.2s,mb5.4 | | | | LR | | |
| Q13A | Wheeler Ranch, baz=87,SNR=20 | 86.57 | 44 | ↑P | P | 04 43 04.8 | -0.1 |
| M10A | L.L. Ranch, Tu | 86.61 | 41 | ↑P | P | 04 43 05.2 | +0.1 |
| N11A | Elko Archery C | 86.65 | 41 | ↑P | P | 04 43 05.4 | +0.1 |
| J08A | Circle Bar Ran | 86.67 | 38 | ↑P | P | 04 43 04.8 | -0.5 |
| X18A | Snowflake | 86.68 | 49 | ↑P | P | 04 43 06.1 | +0.5 |
| WHN | Wuhan | 86.70 | 306 | ↑P | P | 04 43 06.3 | +0.5 |
| WHN | | | | S | S | 04 53 43.2 | +2.8 |
| WHN | comp-Z,61nm,1.0s,mb5.8 | | | | pmax | | |
| WHN | comp-Z,1um,22.4s,MS5.2 | | | | LR | | |
| G06A | Carlson Farm, baz=87,SNR=9.0 | 86.72 | 36 | ↑P | P | 04 43 05.5 | 0.0 |
| V17A | Tonalee, Kykot | 86.72 | 48 | ↑P | P | 04 43 06.0 | +0.3 |
| R14A | James Farms, M | 86.81 | 45 | ↑P | P | 04 43 06.6 | +0.5 |
| 221A | Mesquite Ranch | 86.82 | 52 | ↑P | P | 04 43 06.5 | +0.2 |
| Z20A | Nine Sixteen R | 86.84 | 51 | ↑P | P | 04 43 06.9 | +0.5 |
| Y19A | Nutriso | 86.84 | 50 | ↑P | P | 04 43 07.3 | +0.9 |
| S15A | Pangitch | 86.87 | 46 | ↑P | P | 04 43 07.8 | +1.4 |
| P13A | Bates Ranch, G | 86.87 | 43 | ↑P | P | 04 43 06.2 | -0.2 |
| ELK | Elko | 86.91 | 42 | eP | P | 04 43 06.5 | 0.0 |
| ELK | comp-Z,54nm,1.7s | | | | pmax | | |
| ELK | comp-Z,1um,20.0s | | | | MLR | | |
| ELK | Elko | 86.91 | 42 | eP | P | 04 43 06.5 | 0.0 |
| ELK | comp-Z,54nm,1.7s,mb5.5 | | | | LR | | |
| O12A | Currie | 86.92 | 42 | ↑P | P | 04 43 06.0 | -0.5 |
| M11A | Holland Ranch, baz=87,SNR=7.6 | 87.00 | 41 | ↑P | P | 04 43 06.6 | -0.3 |
| L10A | Juniper Basin | 87.00 | 40 | ↑P | P | 04 43 06.9 | -0.1 |
| T16A | Glen Canyon Da | 87.03 | 46 | ↑P | P | 04 43 07.7 | +0.5 |
| Q14A | Sevier Lake (B | 87.06 | 44 | ↑P | P | 04 43 07.3 | 0.0 |
| SNY | Shenyang | 87.07 | 320 | ↑P | P | 04 43 07.8 | +0.5 |
| SNY | | | | S | S | 04 53 36.1 | -7.3 |
| SNY | comp-Z,22nm,1.8s,mb5.1 | | | | pmax | | |
| SNY | comp-N,200nm,21.0s,MS4.8 | | | | LR | | |
| SNY | comp-E,290nm,18.6s,MS4.8 | | | | LR | | |
| SNY | comp-Z,340nm,19.6s,MS4.8 | | | | LR | | |
| X19A | St. Johns | 87.08 | 50 | ↑P | P | 04 43 08.0 | +0.5 |
| N12A | Clover Valley, baz=87,SNR=39 | 87.09 | 42 | ↑P | P | 04 43 07.1 | -0.3 |
| 121A | Cookes Peak, D | 87.09 | 52 | ↑P | P | 04 43 07.9 | +0.2 |
| LON | Longmire | 87.13 | 34 | eP | P | 04 43 07.2 | -0.3 |
| LON | comp-Z,43nm,1.7s,mb5.4 | | | | pmax | | |
| LON | Longmire | 87.13 | 34 | eP | P | 04 43 07.2 | -0.2 |
| W18A | Petrified For | 87.15 | 49 | ↑P | P | 04 43 08.1 | +0.3 |
| GNW | Green Mountain | 87.18 | 33 | eP | P | 04 43 08.1 | +0.4 |
| K10A | Mackenzie Ran | 87.21 | 39 | ↑P | P | 04 43 07.9 | 0.0 |
| R15A | Junction | 87.24 | 45 | ↑P | P | 04 43 09.2 | +1.0 |
| CN2 | Changchun | 87.24 | 322 | eP | P | 04 43 08.3 | +0.2 |
| CN2 | | | | eP | P | 04 43 19.5 | -0.7 |
| CN2 | | | | eS | S | 04 53 42.2 | -2.8 |
| CN2 | comp-Z,40nm,1.2s,mb5.5 | | | | pmax | | |
| CN2 | comp-Z,200nm,4.0s | | | | pmax | | |
| CN2 | comp-N,400nm,21.0s,MS5.0 | | | | LR | | |
| CN2 | comp-E,400nm,21.0s,MS5.0 | | | | LR | | |
| CN2 | comp-Z,300nm,22.0s,MS4.7 | | | | LR | | |
| O13A | Hicks Ranch, I | 87.30 | 43 | ↑P | P | 04 43 08.7 | +0.3 |
| H08A | Prairie City | 87.31 | 37 | P | P | 04 43 08.3 | -0.1 |
| D05A | Enumclaw | 87.34 | 34 | ↑P | P | 04 43 08.7 | +0.3 |
| V18A | Ganado | 87.35 | 48 | ↑P | P | 04 43 08.8 | 0.0 |

| | | | | | | | |
|------|---|-------|-----|----|------|------------|------|
| U17A | Shonto | 87.36 | 47 | ↑P | P | 04 43 09.2 | +0.3 |
| W19A | Sanders | 87.39 | 49 | ↑P | P | 04 43 09.8 | +0.8 |
| S16A | Weppner Ranch, baz=88,SNR=11 | 87.39 | 46 | ↑P | P | 04 43 09.0 | 0.0 |
| Y20A | Horse Springs, baz=88,SNR=62 | 87.42 | 50 | ↑P | P | 04 43 09.6 | +0.4 |
| 109A | Lost Marbles R | 87.47 | 38 | ↑P | P | 04 43 09.0 | -0.1 |
| L11A | Cat Creek Ranc | 87.47 | 40 | ↑P | P | 04 43 09.3 | +0.1 |
| MSU | St. Cloud Mine | 87.47 | 45 | eP | P | 04 43 10.3 | +1.0 |
| T17A | Navajo Res., N | 87.50 | 47 | ↑P | P | 04 43 10.0 | +0.6 |
| M12A | Wells | 87.51 | 41 | ↑P | P | 04 43 09.0 | -0.4 |
| F07A | Phinny Hill Vi | 87.53 | 36 | ↑P | P | 04 43 09.5 | +0.1 |
| P14A | Drum Mountains | 87.54 | 44 | ↑P | P | 04 43 09.4 | -0.2 |
| Z21A | St. Cloud Mine | 87.59 | 51 | ↑P | P | 04 43 09.6 | -0.4 |
| N13A | Wendover, West | 87.60 | 42 | ↑P | P | 04 43 10.4 | +0.5 |
| N13A | Wendover, West | 87.60 | 42 | eP | P | 04 43 10.0 | +0.2 |
| Q15A | Fillmore | 87.63 | 44 | ↑P | P | 04 43 10.3 | +0.2 |
| G08A | Pilot Rock | 87.65 | 36 | ↑P | P | 04 43 09.6 | -0.4 |
| J10A | Berg Farm, Mel | 87.67 | 39 | ↑P | P | 04 43 10.2 | 0.0 |
| K11A | Parker Ranch, baz=88,SNR=16 | 87.69 | 40 | ↑P | P | 04 43 10.3 | +0.1 |
| X20A | Quemado | 87.69 | 50 | ↑P | P | 04 43 10.6 | +0.2 |
| 223A | Chaparral, Ant | 87.73 | 53 | ↑P | P | 04 43 11.4 | +0.4 |
| R16A | Teal | 87.79 | 45 | ↑P | P | 04 43 10.9 | 0.0 |
| U18A | Rough Rock, Ch | 87.79 | 48 | ↑P | P | 04 43 11.0 | +0.1 |
| RSO | Redoubt South | 87.81 | 11 | eP | P | 04 43 10.2 | -0.2 |
| S17A | Black Ridge (B | 87.86 | 46 | ↑P | P | 04 43 10.8 | -0.4 |
| L12A | House Creek Ra | 87.89 | 41 | ↑P | P | 04 43 11.2 | 0.0 |
| M13A | Montello | 87.92 | 42 | eP | P | 04 43 11.3 | -0.1 |
| SVW2 | Sparrevohn | 87.94 | 10 | eP | P | 04 43 10.7 | -0.3 |
| SVW2 | comp-Z,44nm,1.6s,mb5.4 | | | | LR | | |
| H09A | Durkee | 87.95 | 38 | ↑P | P | 04 43 10.8 | -0.7 |
| V19A | Window Rock | 87.98 | 49 | ↑P | P | 04 43 11.9 | +0.2 |
| Y21A | Point of Rocks | 87.97 | 51 | ↑P | P | 04 43 11.5 | -0.3 |
| W20A | Point of Rocks | 88.00 | 49 | ↑P | P | 04 43 12.4 | +0.4 |
| E07A | Sunnyside | 88.01 | 35 | ↑P | P | 04 43 11.9 | +0.3 |
| P15A | Leamington | 88.03 | 44 | ↑P | P | 04 43 12.1 | +0.2 |
| RSW | Rattlesnake Hi | 88.04 | 35 | eP | P | 04 43 12.7 | +0.9 |
| JCW | Jim Creek | 88.05 | 33 | ↑P | P | 04 43 12.2 | +0.3 |
| DUG | Dugway | 88.06 | 43 | ↑P | P | 04 43 12.0 | -0.1 |
| DUG | Dugway | 88.06 | 43 | eP | P | 04 43 12.1 | 0.0 |
| DUG | comp-Z,18nm,1.4s,mb5.1 | | | | pmax | | |
| DUG | comp-Z,976nm,20.0s,MS5.2 | | | | MLR | | |
| DUG | Dugway | 88.06 | 43 | eP | P | 04 43 12.1 | 0.0 |
| DUG | comp-Z,18nm,1.4s,mb5.1 | | | | LR | | |
| HAWA | Hanford | 88.06 | 35 | eP | P | 04 43 12.2 | +0.3 |
| HAWA | comp-Z,60nm,1.5s,mb5.6 | | | | LR | | |
| Z22A | Elephant Butt | 88.06 | 52 | P | P | 04 43 13.1 | +0.8 |
| I10A | Payette | 88.07 | 38 | ↑P | P | 04 43 13.0 | +1.0 |
| X21A | Alamocita Cree | 88.13 | 50 | ↑P | P | 04 43 12.3 | -0.2 |
| U19A | Dine' College, baz=88,SNR=38 | 88.16 | 48 | ↑P | P | 04 43 12.8 | +0.2 |
| 324A | Moseley Ranch, baz=88,SNR=25 | 88.18 | 54 | ↑P | P | 04 43 12.6 | -0.2 |
| T18A | Mexican Hat | 88.19 | 47 | P | P | 04 43 13.3 | +0.5 |
| 425A | Indio Mountain | 88.20 | 55 | ↑P | P | 04 43 12.7 | -0.3 |
| MFID | Camas Ranch | 88.20 | 39 | ↑P | P | 04 43 12.8 | +0.2 |
| 626A | Big Bend Ranch | 88.20 | 56 | ↑P | P | 04 43 12.9 | -0.1 |
| N14A | Grayback Hills | 88.22 | 43 | ↑P | P | 04 43 13.0 | +0.2 |
| 123A | Bell Site, Whi | 88.24 | 52 | ↑P | P | 04 43 13.5 | +0.4 |
| K12A | Draper Farm, C | 88.26 | 40 | ↑P | P | 04 43 13.2 | +0.2 |
| BMO | Blue Mountains | 88.27 | 38 | eP | P | 04 43 12.7 | -0.2 |
| BMO | comp-Z,21nm,1.5s,mb5.2 | | | | pmax | | |
| BMO | Blue Mountains | 88.27 | 38 | eP | P | 04 43 12.7 | -0.2 |
| G09A | Cove | 88.28 | 37 | ↑P | P | 04 43 12.7 | -0.3 |
| TPT1 | comp-Z,39nm,1.1s,mb5.6 | | | | pmax | | |
| O15A | The Old Anders | 88.29 | 274 | P | P | 04 43 13.1 | -0.8 |
| Q16A | Wenatchee Ridg | 88.34 | 34 | ↑P | P | 04 43 13.4 | +0.2 |
| WRW | Castle Valley | 88.35 | 45 | ↑P | P | 04 43 13.4 | -0.1 |
| R17A | Hanksville Air | 88.36 | 46 | ↑P | P | 04 43 13.4 | -0.1 |
| NLU | North Lily Min | 88.38 | 44 | eP | P | 04 43 13.8 | +0.2 |
| NLU | comp-Z,74nm,2.1s,mb5.5 | | | | eP | | |
| E08A | Dider Farm, El | 88.38 | 36 | ↑P | P | 04 43 13.7 | +0.2 |
| MNTX | Cornudas Mount | 88.38 | 54 | eP | P | 04 43 13.6 | -0.2 |
| MNTX | comp-Z,76nm,1.6s,mb5.7 | | | | LR | | |
| LNOR | Linton Mounts | 88.39 | 36 | eP | P | 04 43 12.9 | -0.6 |
| Y20A | Brion D Ranch | 88.39 | 49 | ↑P | P | 04 43 13.2 | -0.6 |
| H10A | Noah's Angus R | 88.41 | 39 | ↑P | P | 04 43 12.9 | -0.7 |
| S18A | Hurst Farm, BJ | 88.42 | 47 | ↑P | P | 04 43 14.1 | +0.3 |
| Y22A | Socorro | 88.43 | 51 | ↑P | P | 04 43 14.3 | +0.4 |
| RPW | Rockport | 88.43 | 33 | P | P | 04 43 13.8 | +0.2 |
| I11A | Playville | 88.44 | 39 | ↑P | P | 04 43 13.4 | -0.3 |
| TXAR | Lajitas Arroy | 88.44 | 56 | eP | P | 04 43 12.4 | -1.8 |
| TXAR | comp-Z,9.8nm,0.9s,mb5.0,baz=212,slow=8.8,SNR=68 | | | | LR | | |
| TXAR | comp-Z,1um,19.0s,MS5.3,baz=230,slow=31 | | | | | | |

| | | | | | | |
|------|--------------------------|-------|-----|-------|------|-----------------|
| Q19A | Hogan Spring (| 89.60 | 46 | ↑P | P | 04 43 18.7 -0.7 |
| TTA | Tatalina | 89.62 | 9 | eP | P | 04 43 18.9 +0.1 |
| W23A | Werner Place, | 89.64 | 50 | ↓P | P | 04 43 19.3 -0.4 |
| HWUT | Hardware Ranch | 89.65 | 43 | ↓P | P | 04 43 19.3 -0.2 |
| HWUT | comp=Z,776nm,20.0s,MS5.1 | | | LR | LR | |
| T21A | Nevajo Lake | 89.67 | 48 | ↑P | P | 04 43 20.1 +0.4 |
| Z25A | Roswell | 89.68 | 53 | ↓P | P | 04 43 19.8 0.0 |
| K15A | Arbon | 89.69 | 41 | ↑P | P | 04 43 19.5 -0.2 |
| N17A | Moffitt Pass | 89.72 | 44 | ↓P | P | 04 43 19.7 -0.2 |
| R20A | Redvale | 89.76 | 47 | ↓P | P | 04 43 19.5 -0.7 |
| H13A | Challis | 89.80 | 39 | ↑P | P | 04 43 19.8 -0.4 |
| U22A | Llaves | 89.80 | 49 | ↓P | P | 04 43 20.2 -0.2 |
| DIV | Divide | 89.82 | 14 | eP | P | 04 43 20.4 +0.6 |
| X24A | Lazy VL Ranch, | 89.83 | 51 | ↓P | P | 04 43 20.7 +0.2 |
| O18A | Roosevelt | 89.86 | 44 | ↑P | P | 04 43 21.1 +0.6 |
| 126A | Clayton Basin, | 89.86 | 53 | ↓P | P | 04 43 20.7 -0.1 |
| S21A | Coal Bank Pass | 89.86 | 48 | ↓P | P | 04 43 20.2 -0.4 |
| 428A | Kincaid Ranch, | 89.88 | 56 | ↓P | P | 04 43 20.1 -0.7 |
| I14A | Mackay | 89.88 | 40 | ↑P | P | 04 43 20.8 +0.3 |
| V23A | Ortiz Mt. (NFS | 89.93 | 50 | ↑P | P | 04 43 21.5 +0.5 |
| BMRM | Bremner River | 89.94 | 15 | eP | P | 04 43 20.5 +0.1 |
| F12A | Elk City | 89.97 | 38 | P | P | 04 43 20.7 -0.2 |
| L16A | Fish Haven | 89.97 | 42 | ↑P | P | 04 43 20.6 -0.4 |
| Y25A | Mesa, Roswell | 90.03 | 52 | ↑P | P | 04 43 21.2 -0.3 |
| NNT | Nongplab | 90.05 | 284 | P | pP | 04 43 33.0 -1.2 |
| T22A | Edith | 90.11 | 49 | ↑P | P | 04 43 21.5 -0.3 |
| 328A | Wristen Ranch, | 90.11 | 55 | P | P | 04 43 21.7 -0.2 |
| M17A | Scullys Gap (B | 90.12 | 43 | P | P | 04 43 21.6 -0.1 |
| G13A | Cobalt | 90.13 | 39 | P | P | 04 43 21.6 0.0 |
| PNL | Peninsula | 90.14 | 18 | eP | P | 04 43 21.9 +0.5 |
| P19A | Cripple Cswby | 90.16 | 45 | ↑P | P | 04 43 21.6 -0.3 |
| CPRX | Cap Rock | 90.17 | 53 | eP | P | 04 43 21.7 -0.4 |
| J15A | Blackfoot | 90.17 | 41 | ↓P | P | 04 43 21.7 -0.2 |
| W24A | Lazy 6 Ranch, | 90.19 | 51 | ↓P | P | 04 43 21.8 -0.4 |
| E12A | Beaver Dam Sad | 90.20 | 37 | ↑P | P | 04 43 21.6 -0.3 |
| Z26A | Caprock | 90.21 | 53 | ↑P | P | 04 43 22.0 -0.3 |
| Q20A | Ridgley Place, | 90.23 | 46 | ↑P | P | 04 43 21.7 -0.7 |
| U23A | El Rito | 90.23 | 49 | ↑P | P | 04 43 21.9 -0.4 |
| LCO | Las Campanas | 90.31 | 122 | eP | P | 04 43 23.4 +0.3 |
| LOO | comp=Z,830nm,21.0s,MS5.1 | | | LR | LR | |
| H14A | Leadore | 90.34 | 39 | P | P | 04 43 23.3 +0.6 |
| K16A | Soda Springs | 90.34 | 42 | ↓P | P | 04 43 23.1 +0.3 |
| L17A | Colkeville | 90.36 | 43 | ↑P | P | 04 43 22.6 -0.2 |
| 127A | Arkansas Junct | 90.36 | 54 | ↓P | P | 04 43 22.9 -0.1 |
| X25A | Clemmons Ranch | 90.36 | 52 | ↑P | P | 04 43 22.9 -0.2 |
| R21A | Cimarron | 90.40 | 47 | ↓P | P | 04 43 22.7 -0.4 |
| O19A | Miners Draw (B | 90.44 | 45 | P | P | 04 43 22.9 -0.3 |
| N18A | Larsen Ranch, | 90.47 | 44 | ↓P | P | 04 43 23.5 +0.1 |
| P20A | De Beque | 90.47 | 46 | P | P | 04 43 23.2 -0.2 |
| M18A | Lymard | 90.47 | 43 | ↑P | P | 04 43 23.4 +0.1 |
| I15A | Montevieu | 90.49 | 40 | ↑P | P | 04 43 23.5 +0.1 |
| F13A | Darby | 90.50 | 38 | P | P | 04 43 23.2 -0.1 |
| GYA | Guiyang | 90.51 | 299 | P | pP | 04 43 24.8 +0.9 |
| GYA | | | | pP | pP | 04 43 36.0 -0.1 |
| GYA | | | | SP | SP | 04 43 40.9 +0.2 |
| GYA | | | | SKS | SKS | 04 47 01.9 +2.6 |
| GYA | | | | S | S | 04 54 15.9 -0.6 |
| GYA | | | | SS | SS | 05 00 19.8 +1.2 |
| GYA | | | | pmx | pmx | |
| GYA | comp=Z,40nm,1.0s,mb5.7 | | | pmx | pmx | |
| GYA | comp=Z,160nm,5.8s | | | LR | LR | |
| GYA | comp=N,1µm,20.6s,MS5.4 | | | LR | LR | |
| GYA | comp=E,850nm,21.7s,MS5.4 | | | LR | LR | |
| GYA | comp=Z,2µm,22.7s,MS5.5 | | | LR | LR | |
| NEW | Newport | 90.53 | 35 | eP | pmax | 04 43 23.4 0.0 |
| NEW | comp=Z,13nm,1.1s | | | MLR | MLR | |
| NEW | comp=Z,1µm,20.0s | | | MLR | MLR | |
| NEW | Newport | 90.53 | 35 | eP | P | 04 43 23.4 0.0 |
| NEW | comp=Z,13nm,1.1s,mb5.2 | | | LR | LR | |
| S22A | 4UR Ranch, Cre | 90.55 | 48 | ↓P | P | 04 43 24.2 +0.3 |
| V24A | Rampart Ranch, | 90.55 | 50 | ↑P | P | 04 43 23.7 -0.2 |
| BJI | Beijing | 90.57 | 315 | P | P | 04 43 24.3 +0.4 |
| BJI | | | | S | S | 04 54 17.5 +1.0 |
| BJI | | | | SS | SS | 05 00 19.8 +0.6 |
| BJI | | | | pmx | pmx | |
| BJI | comp=Z,36nm,1.4s,mb5.5 | | | pmx | pmx | |
| BJI | comp=Z,190nm,3.6s | | | LR | LR | |
| BJI | comp=N,410nm,22.3s,MS5.0 | | | LR | LR | |
| BJI | comp=E,370nm,19.8s,MS5.0 | | | LR | LR | |
| BJI | comp=Z,500nm,25.4s | | | LR | LR | |
| J16A | Bone | 90.58 | 41 | ↑P | P | 04 43 23.6 -0.2 |
| AHID | Auburn Hatcher | 90.60 | 42 | PFAKE | LR | 04 43 40.0 +1.6 |
| AHID | comp=Z,805nm,19.0s,MS5.2 | | | LR | LR | |
| Q21A | Lamborn Mesa, | 90.64 | 47 | ↓P | P | 04 43 23.5 -0.8 |
| G14A | Jackson | 90.66 | 39 | ↓P | P | 04 43 23.9 -0.3 |
| K17A | Gardner Place, | 90.70 | 42 | ↑P | P | 04 43 24.5 +0.1 |
| D12A | Red Ives Fores | 90.71 | 37 | ↑P | P | 04 43 23.5 -0.8 |
| T23A | Casias Ranch, | 90.71 | 49 | ↑P | P | 04 43 24.3 -0.3 |
| C11A | Tepee Creek (N | 90.71 | 36 | ↓P | P | 04 43 24.0 -0.3 |
| N19A | John Jarvis Ra | 90.73 | 44 | ↑P | P | 04 43 24.2 -0.4 |
| H15A | Lima | 90.76 | 40 | ↑P | P | 04 43 25.2 +0.6 |
| MCMT | McKenzie Canyo | 90.76 | 40 | eP | P | 04 43 25.1 +0.4 |
| L18A | Fontenelle, Gr | 90.77 | 43 | ↓P | P | 04 43 24.7 0.0 |

| | | | | | | |
|-------|---|-------|-----|--------|--------|-----------------|
| Z27A | Tatum | 90.78 | 53 | ↑P | P | 04 43 24.5 -0.5 |
| RR12 | Red Ridge | 90.80 | 41 | eP | P | 04 43 25.8 +0.9 |
| R22A | Saguache, Gunn | 90.86 | 48 | ↓P | P | 04 43 25.9 +0.7 |
| W25A | X Bar L Ranch, | 90.86 | 51 | ↑P | P | 04 43 24.9 -0.4 |
| U24A | Moreno Valley | 90.90 | 50 | ↓P | P | 04 43 24.9 -0.6 |
| O20A | White River Ci | 90.91 | 45 | ↓P | P | 04 43 25.6 +0.2 |
| E13A | Victoria | 90.97 | 38 | ↓P | P | 04 43 24.5 -1.0 |
| X26A | CR and CF Fran | 90.98 | 52 | ↑P | P | 04 43 25.1 -0.8 |
| I16A | Newdale | 91.00 | 41 | ↑P | P | 04 43 26.0 +0.2 |
| DC1D1 | Drake Creek | 91.02 | 41 | eP | P | 04 43 26.6 +0.7 |
| TRF | Thorofare Moun | 91.03 | 11 | eP | P | 04 43 24.6 -0.8 |
| C12B | Naegeli Ranch, | 91.05 | 36 | ↑P | P | 04 43 26.0 +0.1 |
| NST | Nakhon Sawan | 91.05 | 287 | P | P | 04 43 27.0 +0.4 |
| F14A | Wisdom | 91.05 | 39 | ↓P | P | 04 43 25.5 -0.5 |
| V25A | Rancho No Teng | 91.06 | 50 | ↓P | P | 04 43 25.2 -1.0 |
| M19A | Rock Springs | 91.08 | 44 | ↑P | P | 04 43 26.2 0.0 |
| S23A | Nye Farm, Mont | 91.08 | 48 | ↓P | P | 04 43 25.5 -0.8 |
| REDW | Red Top Meadow | 91.09 | 42 | eP | P | 04 43 26.4 +0.2 |
| P21A | Newcastle | 91.09 | 46 | ↑P | P | 04 43 26.3 0.0 |
| Q22A | Crested Butte, | 91.09 | 47 | ↑P | P | 04 43 26.2 -0.1 |
| TPAW | Teton Pass | 91.10 | 41 | eP | P | 04 43 27.0 +0.8 |
| Y27A | Causey | 91.10 | 53 | ↓P | P | 04 43 25.9 -0.6 |
| SKAG | Skagway | 91.14 | 20 | eP | P | 04 43 27.2 +1.2 |
| SKAG | comp=Z,110nm,1.5s,mb5.0 | | | LR | LR | |
| SKAG | comp=Z,800nm,19.0s,MS5.2 | | | LR | LR | |
| K18A | Toitan Ranch, | 91.17 | 42 | ↓P | P | 04 43 26.9 +0.4 |
| G15A | Dillon | 91.17 | 39 | ↑P | P | 04 43 26.8 +0.2 |
| J17A | Brown Place, J | 91.17 | 42 | ↓P | P | 04 43 26.8 +0.2 |
| SNOW | Snow King Moun | 91.20 | 42 | eP | P | 04 43 27.1 +0.4 |
| D13A | Huson | 91.22 | 37 | ↑P | P | 04 43 26.1 -0.6 |
| SMCO | Snowmass | 91.22 | 47 | eP | P | 04 43 27.3 +0.4 |
| DLMT | Dillon | 91.22 | 39 | eP | P | 04 43 27.2 +0.5 |
| N20A | Spence Gulch, | 91.28 | 45 | ↓P | P | 04 43 26.7 -0.4 |
| W26A | Dwens Ranch, T | 91.28 | 51 | ↓P | P | 04 43 26.1 -1.2 |
| L19A | Farson | 91.29 | 43 | ↑P | P | 04 43 26.8 -0.4 |
| IMW | Indian Meadow | 91.34 | 41 | eP | P | 04 43 28.0 +0.6 |
| MSO | Missoula | 91.34 | 37 | eP | P | 04 43 26.6 -0.6 |
| MSO | comp=Z,14nm,1.2s,mb5.2 | | | eP | PP | 04 47 03.2 -2.2 |
| MSO | comp=Z,802nm,20.0s,MS5.2 | | | LR | LR | |
| E14A | Clinton | 91.34 | 38 | ↓P | P | 04 43 26.7 -0.6 |
| LOHW | Long Hollow | 91.38 | 41 | eP | P | 04 43 27.9 +0.4 |
| LOHW | comp=Z,42nm,1.4s,mb5.6 | | | eP | pP | 04 43 41.4 +1.7 |
| MSTX | Muleshoe | 91.43 | 53 | ↑P | pP | 04 43 27.4 -0.6 |
| SDCO | Green Sand Dun | 91.44 | 48 | eP | P | 04 43 27.9 0.0 |
| SDCO | comp=Z,37nm,1.4s,mb5.5 | | | LR | LR | |
| SDCO | comp=Z,1µm,20.0s,MS5.4 | | | LR | LR | |
| O21A | Pagoda | 91.45 | 46 | ↑P | P | 04 43 27.5 -0.5 |
| B12A | Libby | 91.45 | 35 | P | P | 04 43 28.2 +0.4 |
| U25A | Circle Dot Ran | 91.50 | 50 | P | P | 04 43 28.1 -0.2 |
| BSMT | Bassoo Peak | 91.50 | 36 | eP | PP | 04 43 27.6 -0.3 |
| BSMT | | | | eP | PP | 04 47 07.3 -3.0 |
| J18A | Kendall Valley | 91.50 | 42 | ↓P | P | 04 43 28.1 -0.1 |
| BPWA | Beaz Paw Mtn, | 91.50 | 11 | ↓P | P | 04 43 26.5 -1.1 |
| C13A | Hot Springs | 91.51 | 37 | ↓P | P | 04 43 27.3 -0.7 |
| MCK | McKinley | 91.53 | 12 | eP | pmax | 04 43 27.6 -0.1 |
| MCK | comp=Z,41nm,1.3s,mb5.6 | | | eP | pmax | 04 43 27.6 -0.1 |
| MCK | comp=Z,41nm,1.3s,mb5.6 | | | eP | pmax | 04 43 27.7 -0.8 |
| X27A | Pyramid Falls, | 91.53 | 52 | ↓P | P | 04 43 27.7 -0.8 |
| BW06 | Boulder Array | 91.53 | 43 | ↑P | P | 04 43 27.8 -0.5 |
| BW06 | Boulder Array | 91.53 | 43 | eP | P | 04 43 27.8 -0.5 |
| BW06 | comp=Z,18nm,1.1s,mb5.3 | | | LR | LR | |
| PDAR | Pinedale Array | 91.53 | 43 | P | P | 04 43 27.4 -0.9 |
| PDAR | comp=Z,9.1nm,0.9s,mb5.1,baz=209,slow=3.6,SNR=74 | | | PKKpbc | PKKpbc | 05 00 48.6 -1.0 |
| PDAR | comp=Z,0.3nm,0.6s,baz=70,slow=4.9,SNR=3.6 | | | LR | LR | |
| PDAR | comp=Z,411nm,19.3s,MS4.9,baz=246,slow=3w2 | | | LR | LR | |
| F15A | Butte | 91.56 | 39 | ↓P | P | 04 43 28.0 -0.3 |
| I17A | Pilgrim Ck. | 91.57 | 41 | ↑P | P | 04 43 28.9 +0.5 |
| LRM | Limekiln Ridge | 91.58 | 39 | eP | P | 04 43 28.5 +0.1 |
| S24A | Houchin Ranch, | 91.58 | 49 | eP | P | 04 43 29.2 +0.6 |
| QLMT | Earthquake Lak | 91.59 | 40 | eP | P | 04 43 29.9 +1.5 |
| G16A | Moss Hill, Enn | 91.60 | 40 | P | P | 04 43 29.0 +0.5 |
| SEY | Seymchan | 91.62 | 346 | d/P | P | 04 43 28.0 -0.1 |
| SEY | Seymchan | 91.62 | 346 | i/P | P | 04 43 28.1 0.0 |
| H16A | Russell Place, | 91.62 | 40 | ↓P | P | 04 43 29.1 +0.5 |
| V26A | Tequesquite Ra | 91.62 | 51 | ↓P | P | 04 43 28.2 -0.7 |
| HYT | Haines Junctio | 91.68 | 44 | ↑P | P | 04 43 29.3 +1.1 |
| M20A | Sweetwater, Wa | 91.68 | 44 | ↓P | P | 04 43 28.4 -0.6 |
| A12A | Yaak River Ran | 91.71 | 35 | ↓P | P | 04 43 28.8 -0.1 |
| N21A | Black Mountain | 91.71 | 45 | ↑P | P | 04 43 28.8 -0.3 |
| SWMT | Swartz Lake | 91.72 | 37 | eP | P | 04 43 27.5 -1.5 |
| SWMT | | | | eP | PP | 04 47 05.1 -3.4 |
| YFT | Old Faithful | 91.72 | 41 | eP | P | 04 43 31.3 +2.3 |
| TRQA | Torquist | 91.72 | 134 | eP | P | 04 43 29.9 +0.3 |
| TRQA | comp=Z,10nm,0.8s,mb5.2 | | | LR | LR | |
| D14A | Greenough | 91.73 | 37 | ↑P | P | 04 43 28.2 -0.9 |
| YMR | Madison River | 91.77 | 40 | ↓P | P | 04 43 30.4 +1.2 |
| W27A | Bowe Ranch, En | 91.77 | 52 | ↓P | P | 04 43 29.0 -0.6 |
| CHMT | Chamberlain Mo | 91.77 | 38 | eP | PP | 04 43 28.9 -0.4 |
| CHMT | | | | eP | PP | 04 47 06.4 -2.5 |
| E15A | Deer Lodge | 91.82 | 38 | ↓P | P | 04 43 29.3 -0.2 |
| SLMT | Seeley Lake | 91.83 | 37 | eP | P | 04 43 28.8 -0.8 |
| H17A | Grant Village | 91.84 | 41 | | | |

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CALN, ABRIES, MONTBARDON, etc.

IDC 06 05:23:38.5-0.9, 32.22N-104.86E, h0km, mb4.0/9, mb1 4.1/11, mb1mx3.9/26, mbtmp3.9/11, ML3.6/2, Error ellipse: s-maj=38.9km s-min=16.3km az=55.0

NEIC 06 05:23:40.1-0.6, 32.23N-104.93E, h10km, mb4.0/4, Error ellipse: s-maj=17.8km s-min=10.4km az=67.0

BUI 06 05:23:42.0, 32.28N-104.95E, h16km, mb4.9/4, mb4.4/3, ML3.9/19, Ms3.6/6, Ms7.3/6

ISC 06 05:23:40.5-0.9, 32.28N-104.93E, h0km, mb4.0/9, mb1 4.1/11, mb1mx3.9/26, mbtmp3.9/11, ML3.6/2, Error ellipse: s-maj=38.9km s-min=16.3km az=55.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CHENGDU, LANZHOU, GUIYANG, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MKAR, ZALV, KURK, etc.

IDC 06 05:56:01.6-2.2, 54.09N-86.35E, h0km, mb1 3.2/3, mb1mx3.0/27, mbtmp3.2/3, ML3.0/3, Error ellipse: s-maj=19.3km s-min=12.8km az=56.0, Southeastern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ZALV, KURK, MKAR, etc.

CASC 06 06:08:10.4-2.8, 8.42N-82.94W, h0km, 6km, MD4.1, 4C-1D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BRU2, CTGR, BARI, etc.

NIED 06 06:15:00.46, 10N-153.90E, h56km, Mw4.8 Best double couple: Mo:1.52000x1016 NP1:3071.00000, 874.00000, 7.4.00000, NP2:32297.00000, 823.00000, 7.134.00000

IDC 06 06:15:34.3-0.5, 45.77N-153.98E, h0km, mb4.5/24, mb1 4.6/27, mb1mx4.6/30, mbtmp4.6/30, ML4.0/3, MS3.8/10, Ms1.3/10, ms1mx3.8/25, Error ellipse: s-maj=16.2km s-min=11.6km az=149.0

JMA 06 06:15:35.6-0.9, 46.14N-153.91E, h30km, M4.8

NEIC 06 06:15:36.2-0.2, 45.80N-153.94E, h10km, mb4.8/72, Error ellipse: s-maj=6.3km s-min=3.7km az=163.0

SKHL 06 06:15:36.9-1.5, 45.86N-154.06E, h67km, 29km, mb5.2/4, Ms4.1/2

BUI 06 06:15:37.2, 46.01N-153.48E, h10km, mb4.9/23, mb4.8/40, Ms4.3/26, Ms7.3/26

ISCJB 06 06:15:37.1-0.1, 45.56N-153.93E, h0km, h33km, mb4.7/137, MS4.0/20, Error ellipse: s-maj=5.8km s-min=2.0km az=167.9

MOS 06 06:15:39.2-1.1, 45.58N-153.81E, h49km, mb5.0/59, Error ellipse: s-maj=8.2km s-min=5.7km az=106.2

SZGRF 06 06:15:47.3, 47.07N-152.82E, h33km, mb5.0, Kuril Islands, Russia

ISC 06 06:15:39.6-0.1, 45.56N-153.90E, h0km, h33km, (h7km, 3.7km; pP-P), n586, c081614, mb4.7/137, MS4.0/20, 127C-151D, East of Kuril Islands

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

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

| | | | | | |
|------|---|-----------|------|------|-----------------|
| KSR5 | Korea Array | 21.03 256 | P | P | 06 20 21.6 +1.5 |
| KSR5 | comp-Z, 2.9nm, 0.9s, mb4.1, baz=59, slow=12, SNR=22 | | LR | LR | 06 27 31.1 |
| KSR5 | comp-Z, 1.45nm, 21.4s, MS3.3, baz=236, slow=34 | | P | P | 06 20 21.6 +1.5 |
| KSR5 | Korea Array | 21.03 256 | P | P | |
| KSR5 | comp-Z, 9.0nm, 0.9s, mb4.1 | | pmax | pmax | |
| KSR5 | comp-Z, 1.45nm, 21.4s, MS3.3 | | MLR | MLR | |
| YAK | Yakutsk | 21.54 328 | eP | P | 06 20 21.0 -4.4 |
| YAK | eS | | S | S | 06 20 40.1 |
| YAK | eS | | S | S | 06 24 15.5 -6.4 |
| YAK | eSSS | | S | S | 06 24 25.0 |
| YAK | eSSS | | pmax | pmax | 06 24 50.0 |
| YAK | comp-E, 12nm, 1.4s | | pmax | pmax | |
| YAK | comp-N, 8.0nm, 1.2s | | pmax | pmax | |
| YAK | comp-Z, 1.8nm, 0.9s, mb4.5 | | pmax | pmax | |
| YAK | comp-N, 118nm, 2.5s | | smax | smax | |
| YAK | comp-E, 138nm, 3.6s | | smax | smax | |
| YAK | comp-Z, 1.26nm, 12.0s, MS3.5 | | MLR | MLR | |
| YAK | comp-N, 103nm, 11.0s | | MLR | MLR | |
| YAK | comp-E, 140nm, 18.0s | | MLR | MLR | |
| YAK | Yakutsk | 21.54 328 | eP | P | 06 20 21.8 -3.6 |
| INCN | comp-E, 28nm, 0.8s, mb4.7 | | P | P | 06 20 31.0 +1.5 |
| INCN | Yachon | 21.89 258 | eP | P | |
| INCN | comp-E, 27nm, 0.9s, mb4.7 | | P | P | 06 20 43.2 -1.3 |
| BILL | Bilibino | 23.34 12c | iP | P | |
| BILL | comp-Z, 3.35nm, 1.7s, mb4.5 | | pmax | pmax | |
| BILL | Bilibino | 23.34 12 | eP | P | 06 20 43.6 -0.9 |
| BILL | comp-Z, 1.9nm, 1.0s, mb4.5 | | P | P | |
| BJI | Beijing | 28.04 272 | P | P | 06 21 28.5 +1.2 |
| BJI | comp-Z, 3.1nm, 1.0s, mb4.9 | | pmax | pmax | 06 26 10.9 +1.5 |
| BJI | comp-Z, 120nm, 3.9s | | pmax | pmax | |
| BJI | comp-N, 110nm, 14.4s | | LR | LR | |
| BJI | comp-E, 110nm, 20.1s | | LR | LR | |
| BJI | comp-Z, 130nm, 25.8s | | LR | LR | |
| TIXI | Tiksi | 28.67 344 | eP | P | 06 21 29.0 -3.6 |
| TIXI | comp-Z, 2.1nm, 1.4s, mb4.7 | | pmax | pmax | |
| TIXI | comp-Z, 1.69nm, 14.0s, MS3.8 | | MLR | MLR | |
| TIXI | Tiksi | 28.67 344 | eP | P | 06 21 29.0 -3.6 |
| TIXI | comp-Z, 3.1nm, 1.6s, mb4.8 | | P | P | |
| NJ2 | Nanjing | 30.23 256 | eP | P | 06 21 49.8 +3.0 |
| NJ2 | comp-Z, 1.3nm, 1.0s, mb4.7 | | pP | pP | 06 21 54.2 -2.6 |
| NJ2 | comp-Z, 90nm, 4.3s | | sP | sP | 06 21 56.8 -4.3 |
| NJ2 | comp-N, 580nm, 23.5s | | PP | PP | 06 22 48.5 -6.8 |
| NJ2 | comp-E, 610nm, 18.3s | | S | S | 06 26 46.0 +2.1 |
| NJ2 | comp-Z, 2.10nm, 8.4s | | sS | sS | 06 26 53.0 -7.5 |
| HHC | Hu-ho-hao-te | 30.94 276 | eP | P | 06 21 54.0 +1.0 |
| HHC | comp-Z, 1.10nm, 5.8s | | sP | sP | 06 21 59.3 -8.0 |
| HHC | comp-N, 180nm, 12.5s, MS4.1 | | PP | PP | 06 22 55.5 -7.5 |
| HHC | comp-E, 190nm, 13.2s, MS4.1 | | PcP | PcP | 06 24 51.0 +2.3 |
| HHC | comp-Z, 180nm, 13.2s, MS3.9 | | sS | sS | 06 26 55.9 +1.0 |
| HHC | comp-Z, 31nm, 0.8s, mb5.2 | | sS | sS | 06 27 01.1 -1.0 |
| HHC | comp-Z, 1.10nm, 5.8s | | ScP | ScP | 06 28 32.1 +3.5 |
| HHC | comp-N, 180nm, 12.5s, MS4.1 | | PcS | PcS | 06 28 33.5 +0.9 |
| HHC | comp-E, 190nm, 13.2s, MS4.1 | | SS | SS | 06 28 38.7 -2.9 |
| HHC | comp-Z, 31nm, 0.8s, mb5.2 | | ScS | ScS | 06 32 27.7 +2.3 |
| HHC | comp-Z, 1.10nm, 5.8s | | pmax | pmax | |
| HHC | comp-N, 180nm, 12.5s, MS4.1 | | LR | LR | |
| HHC | comp-E, 190nm, 13.2s, MS4.1 | | LR | LR | |
| ULN | Ulaanbaatar | 31.79 291 | eP | P | 06 22 00.6 +0.2 |
| ULN | comp-Z, 1.3nm, 1.0s, mb4.7 | | P | P | |
| ULN | Ulaanbaatar | 31.79 291 | eP | P | 06 22 00.6 +0.2 |
| SOMM | Songino Array | 32.23 291 | P | P | 06 22 04.0 -0.2 |
| SOMM | comp-Z, 3.7nm, 0.9s, mb4.2, baz=75, slow=8.3, SNR=8.4 | | LR | LR | 06 35 52.5 |
| SOMM | comp-Z, 1.76nm, 18.9s, MS3.8, baz=304, slow=38 | | P | P | |
| SOMM | Songino Array | 32.23 291 | P | P | 06 22 04.0 -0.2 |
| SOMM | comp-Z, 4.0nm, 0.9s | | pmax | pmax | |
| SOMM | comp-Z, 1.76nm, 18.9s | | MLR | MLR | |
| TLY | Talaya | 33.18 299 | eP | P | 06 22 08.5 -4.0 |
| TLY | comp-Z, 1.0nm, 1.6s, mb4.5 | | pmax | pmax | |
| TLY | comp-Z, 1.14nm, 13.0s, MS3.8 | | MLR | MLR | |
| XAN | Xi'an | 35.99 267 | P | P | 06 22 37.5 +0.5 |
| XAN | comp-Z, 3.0nm, 1.2s, mb4.1 | | pmax | pmax | |
| LZH | Lanzhou | 38.49 274 | P | P | 06 23 01.0 +2.8 |
| LZH | comp-Z, 1.3nm, 1.0s, mb4.7 | | pP | pP | 06 23 04.0 -4.4 |
| LZH | comp-Z, 90nm, 4.3s | | sP | sP | 06 23 07.0 -5.6 |
| LZH | comp-N, 580nm, 23.5s | | PP | PP | 06 24 32.0 +5.5 |
| LZH | comp-E, 610nm, 18.3s | | eS | eS | 06 28 55.1 +3.9 |
| LZH | comp-Z, 2.10nm, 8.4s | | sS | sS | 06 29 03.1 -4.9 |
| LZH | comp-Z, 2.10nm, 8.4s | | SS | SS | 06 31 34.0 -7.1 |
| LZH | comp-Z, 2.5nm, 1.0s, mb4.9 | | pmax | pmax | |
| LZH | comp-Z, 130nm, 4.0s | | pmax | pmax | |
| LZH | comp-E, 1.1um, 14.4s | | LR | LR | |
| LZH | comp-N, 180nm, 12.5s, MS4.1 | | LR | LR | |
| EGAK | Eagle | 39.53 38 | eP | P | 06 23 05.8 -0.7 |
| EGAK | comp-Z, 2.1um, 15.2s, MS4.9 | | P | P | |
| GTA | Gaotai | 39.70 281 | iP | P | 06 23 10.2 +2.0 |
| GTA | comp-Z, 83nm, 2.6s, mb5.0 | | pP | pP | 06 23 14.6 -3.9 |
| GTA | comp-Z, 1.3nm, 1.0s, mb4.7 | | sP | sP | 06 23 16.9 -5.8 |
| GTA | comp-N, 580nm, 23.5s | | PP | PP | 06 24 45.9 +6.3 |
| GTA | comp-E, 610nm, 18.3s | | S | S | 06 29 13.7 +4.4 |
| GTA | comp-Z, 2.10nm, 8.4s | | sS | sS | 06 29 21.5 -4.7 |
| GTA | comp-Z, 3.0nm, 1.2s, mb4.9 | | SS | SS | 06 31 52.8 -1.2 |
| GTA | comp-Z, 1.3nm, 1.0s, mb4.7 | | pmax | pmax | |
| GTA | comp-N, 120nm, 16.1s, MS4.0 | | pmax | pmax | |
| GTA | comp-E, 120nm, 16.4s, MS4.0 | | LR | LR | |
| GTA | comp-Z, 130nm, 18.8s, MS3.8 | | LR | LR | |
| CD2 | Chengdu | 41.35 267 | P | P | 06 23 23.3 +1.3 |
| CD2 | comp-Z, 1.3nm, 1.0s, mb4.7 | | pP | pP | 06 23 27.0 -4.5 |
| CD2 | comp-Z, 90nm, 4.3s | | sP | sP | 06 23 29.2 -7.2 |
| CD2 | comp-N, 580nm, 23.5s | | PP | PP | 06 25 02.3 +4.6 |
| CD2 | comp-E, 610nm, 18.3s | | S | S | 06 29 36.6 +2.5 |
| CD2 | comp-Z, 2.10nm, 8.4s | | sS | sS | 06 29 43.5 -7.5 |
| CD2 | comp-Z, 2.10nm, 8.4s | | SS | SS | 06 32 35.2 -3.3 |
| CD2 | comp-Z, 30nm, 0.9s, mb4.9 | | pmax | pmax | |
| CD2 | comp-Z, 140nm, 6.1s | | pmax | pmax | |
| CD2 | comp-N, 160nm, 14.9s | | LR | LR | |
| CD2 | comp-Z, 240nm, 13.7s, MS4.2 | | LR | LR | |

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|------|--|-----------|------|------|-----------------|
| HYT | Haines Junctio | 41.69 43 | eP | P | 06 23 25.5 +1.1 |
| GYA | Guiyang | 42.03 259 | iP | P | 06 23 28.0 +0.4 |
| GYA | comp-Z, 1.30nm, 5.8s | | PP | PP | 06 25 10.0 +4.8 |
| GYA | comp-N, 490nm, 17.6s, MS4.6 | | PcP | PcP | 06 25 25.4 +3.2 |
| GYA | comp-E, 450nm, 18.7s, MS4.6 | | ScP | ScP | 06 29 15.0 +5.3 |
| GYA | comp-Z, 30nm, 0.8s, mb5.0 | | S | S | 06 29 49.0 +4.7 |
| GYA | comp-Z, 130nm, 5.8s | | SS | SS | 06 32 50.4 -1.6 |
| GYA | comp-N, 490nm, 17.6s, MS4.6 | | pmax | pmax | |
| GYA | comp-E, 450nm, 18.7s, MS4.6 | | LR | LR | |
| GYA | comp-Z, 440nm, 17.7s, MS4.4 | | LR | LR | |
| INK | Inuvik | 42.29 32 | P | P | 06 23 26.9 -2.3 |
| INK | comp-Z, 4.0nm, 0.8s, mb4.1, baz=281, slow=7.4, SNR=6.8 | | P | P | |
| INK | Inuvik | 42.29 32 | P | P | 06 23 26.9 -2.3 |
| INK | comp-Z, 4.0nm, 0.8s | | pmax | pmax | |
| INK | Inuvik | 42.29 32 | eP | P | 06 23 29.6 +0.4 |
| ZALV | Zalesovo Beam | 43.70 307 | P | P | 06 23 39.1 -1.7 |
| ZALV | comp-Z, 1.5nm, 0.5s, mb4.0, baz=69, slow=7.7, SNR=7.8 | | P | P | |
| ZALV | comp-Z, 2.6nm, 0.8s, baz=85, slow=3.1, SNR=6.6 | | PcP | PcP | 06 25 27.5 +0.2 |
| ZALV | comp-Z, 1.93nm, 18.8s, MS3.9, baz=147, slow=38 | | LR | LR | 06 42 55.3 |
| ZALV | Zalesovo Beam | 43.70 307 | P | P | 06 23 39.1 -1.7 |
| ZALV | comp-Z, 2.0nm, 0.5s, mb4.1 | | pmax | pmax | 06 25 27.5 |
| ZALV | comp-Z, 1.93nm, 18.8s, MS3.9 | | MLR | MLR | |
| KMI | Kunming | 45.60 261 | P | P | 06 23 58.0 +1.7 |
| KMI | comp-Z, 1.1nm, 0.9s, mb4.8 | | pP | pP | 06 24 01.6 -5.0 |
| KMI | comp-Z, 96nm, 4.5s | | sP | sP | 06 24 03.0 -7.8 |
| KMI | comp-N, 100nm, 13.9s, MS4.0 | | PP | PP | 06 25 45.9 +2.6 |
| KMI | comp-E, 100nm, 16.4s, MS4.0 | | S | S | 06 30 40.2 +3.9 |
| KMI | comp-Z, 98nm, 16.4s, MS3.8 | | sS | sS | 06 30 45.2 -8.2 |
| KMI | comp-Z, 11nm, 0.9s, mb4.8 | | SS | SS | 06 33 55.3 -5.2 |
| KMI | comp-Z, 96nm, 4.5s | | pmax | pmax | |
| KMI | comp-N, 100nm, 13.9s, MS4.0 | | LR | LR | |
| KMI | comp-E, 100nm, 16.4s, MS4.0 | | LR | LR | |
| WMQ | Urumqi | 45.84 293 | P | P | 06 23 59.0 +1.0 |
| WMQ | comp-Z, 140nm, 4.1s | | pP | pP | 06 24 03.9 -4.9 |
| WMQ | comp-N, 97nm, 17.0s | | sP | sP | 06 24 06.0 -6.5 |
| WMQ | comp-Z, 11nm, 0.6s, mb5.0 | | PP | PP | 06 25 46.7 +1.2 |
| WMQ | comp-Z, 140nm, 4.1s | | pmax | pmax | |
| DLBC | Dease Lake | 45.97 45 | P | P | 06 23 59.2 +0.4 |
| DLBC | comp-Z, 4.4nm, 0.8s, mb4.4, baz=285, slow=11, SNR=8.2 | | LR | LR | |
| DLBC | Dease Lake | 45.97 45 | eP | P | 06 24 00.7 +1.9 |
| MK31 | Makanchi Array | 47.94 299 | eP | P | 06 24 14.0 +0.3 |
| MKAR | Makanchi Array | 47.94 299 | P | P | 06 24 14.1 -0.2 |
| MKAR | comp-Z, 5.5nm, 0.7s, mb4.7, baz=69, slow=7.7, SNR=45 | | PcP | PcP | 06 25 42.3 +0.1 |
| MKAR | comp-Z, 1.4nm, 0.7s, baz=55, slow=4.9, SNR=3.7 | | LR | LR | 06 45 19.1 |
| MKAR | comp-Z, 258nm, 18.5s, MS4.2, baz=351, slow=37 | | LR | LR | |
| MKAR | Makanchi Array | 47.94 299 | P | P | 06 24 14.1 -0.2 |
| MKAR | comp-Z, 6.0nm, 0.7s | | pmax | pmax | 06 25 42.3 |
| MKAR | comp-Z, 258nm, 18.5s | | MLR | MLR | |
| KURK | Kurchatov | 48.43 305 | iP | P | 06 24 16.7 -1.4 |
| KURK | comp-Z, 1.3nm, 1.2s, mb4.8 | | pmax | pmax | |
| KURK | Kurchatov | 48.43 305 | eP | P | 06 24 16.9 -1.2 |
| YKA | Yellowknife Ar | 51.48 36 | P | P | 06 24 40.5 -0.5 |
| YKA | comp-Z, 1.5nm, 0.7s, mb4.1, baz=297, slow=7.7, SNR=7.2 | | P | P | |
| YKA | comp-Z, 0.8nm, 0.6s, baz=307, slow=3.6, SNR=8.1 | | PcP | PcP | 06 25 54.8 0.0 |
| YKA | Yellowknife Ar | 51.48 36 | P | P | 06 24 40.5 -0.5 |
| YKA | comp-Z, 2.0nm, 0.7s | | pmax | pmax | 06 25 54.8 |
| YKA | Yellowknife Ar | 51.48 36 | P | P | 06 24 40.5 -0.5 |
| RES | Resolute Bay | 51.70 18 | P | P | 06 24 42.4 -0.2 |
| RES | comp-Z, 4.9nm, 1.0s, mb4.4, baz=324, slow=12, SNR=4.6 | | PcP | PcP | 06 24 42.4 -0.2 |
| RES | Resolute Bay | 51.70 18 | P | P | 06 24 42.4 -0.2 |
| RES | comp-Z, 5.0nm, 1.0s, mb4.9 | | pmax | pmax | |
| BVAR | Borovoye Array | 51.98 310 | P | P | 06 24 44.3 -0.6 |
| BVAR | comp-Z, 2.9nm, 0.6s, mb4.4, baz=52, slow=7.9, SNR=14 | | P | P | |
| BVAR | Borovoye Array | 51.98 310 | P | P | 06 24 44.3 -0.6 |
| BVAR | comp-Z, 3.0nm, 0.6s | | pmax | pmax | |
| BRVK | Borovoye | 52.02 310 | eP | P | 06 24 43.4 -1.8 |
| BRVK | comp-Z, 1.2nm, 1.7s, mb4.5 | | pmax | pmax | |
| BRVK | Borovoye | 52.02 310 | eP | P | 06 24 44.2 -1.0 |
| BRVK | comp-Z, 4.8nm, 0.6s, mb4.6 | | P | P | |
| CHTO | Chiang Mai | 52.41 258 | eP | P | 06 24 50.0 +1.5 |
| CHTO | comp-Z, 5.0nm, 0.8s, mb4.5 | | pmax | pmax | |
| CHTO | Chiang Mai | 52.41 258 | eP | P | 06 24 50.0 +1.4 |
| CHTO | comp-Z, 4.9nm, 0.8s, mb4.5 | | P | P | |
| CMAR | Chiang Mai Arr | 52.66 258 | P | P | 06 24 50.8 +0.4 |
| CMAR | comp-Z, 3.0nm, 0.8s, mb4.3, baz=34, slow=7.8, SNR=9.9 | | pmax | pmax | 06 24 50.8 +0.4 |
| TKM2 | Tokmak 2 | 53.98 297 | eP | P | 06 25 01.5 +1.7 |
| TKM2 | comp-Z, 1.2nm, 1.1s, mb4.7 | | pmax | pmax | |
| TKM2 | Tokmak 2 | 53.98 297 | eP | P | 06 25 01.5 +1.7 |
| TKM2 | comp-Z, 1.2nm, 1.1s, mb4.7 | | P | P | |
| SVE | Sverdlovsk | 55.01 318 | eP | P | 06 25 05.7 -1.3 |
| EKS2 | Erkin-Say | 55.25 298 | eP | P | 06 25 09.9 +0.9 |
| EKS2 | comp-Z, 1.6nm, 0.9s, mb5.0 | | P | P | |
| KSH | Kashi | 55.58 294 | eP | P | 06 25 16.6 +5.1 |
| KSH | comp-Z, 1.3nm, 1.2s, mb4.8 | | pP | pP | 06 25 20.7 -1.3 |
| KSH | comp-N, 130nm, 3.7s | | sP | sP | 06 25 23.9 -2.2 |
| KSH | comp-E, 130nm, 9.2s | | PcP | PcP | 06 26 14.3 +3.4 |
| KSH | comp-Z, 12nm, 1.7s, mb4.5 | | PP | PP | 06 27 22.4 +6.9 |
| KSH | comp-Z, 4.8nm, 0.6s, mb4.6 | | ScP | ScP | 06 30 11.6 +4.7 |
| KSH | comp-Z, 13nm, 1.2s, mb4.8 | | | | |

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|-------|-----------------|-------|-----|----|---|------------|------|
| JOF | Joensuu | 62.56 | 334 | eP | P | 06 25 59.0 | -0.4 |
| JOF | Joensuu | 62.56 | 334 | eP | P | 06 25 59.0 | -0.4 |
| M12A | Wells | 62.69 | 58 | ↑P | P | 06 26 00.5 | -0.1 |
| H16A | Russell Place, | 62.78 | 53 | ↑P | P | 06 26 01.3 | +0.1 |
| P10A | Eureka | 62.86 | 60 | ↑P | P | 06 26 02.6 | +0.8 |
| F18A | Big Timber | 62.89 | 51 | ↑P | P | 06 26 02.0 | +0.2 |
| J15A | Blackfoot | 62.92 | 55 | ↑P | P | 06 26 01.0 | -1.1 |
| KBL | Kabul | 62.98 | 293 | eP | P | 06 26 03.0 | +0.3 |
| KBL | Kabul | 62.98 | 293 | eP | P | 06 26 03.0 | +0.3 |
| K14A | Jones Ranch, D | 63.02 | 56 | ↑P | P | 06 26 02.6 | -0.2 |
| M13A | Montello | 63.17 | 57 | ↑P | P | 06 26 04.2 | +0.4 |
| M13A | Montello | 63.17 | 57 | eP | P | 06 26 03.5 | -0.3 |
| L14A | Malta | 63.30 | 56 | ↑P | P | 06 26 05.0 | +0.4 |
| K15A | Arbon | 63.30 | 55 | ↑P | P | 06 26 04.9 | +0.2 |
| Q10A | Clear Creek Ra | 63.39 | 61 | ↑P | P | 06 26 04.9 | -0.4 |
| IMW | Indian Meadow | 63.46 | 54 | eP | P | 06 26 06.9 | +1.2 |
| J16A | Bone | 63.46 | 54 | ↑P | P | 06 26 03.7 | -2.0 |
| O12A | Currie | 63.50 | 59 | ↑P | P | 06 26 05.3 | -0.7 |
| R12A | Red Ridge | 63.59 | 54 | ↑P | P | 06 26 07.5 | +1.0 |
| TPAW | Teton Pass | 63.70 | 54 | eP | P | 06 26 08.4 | +1.1 |
| R10A | Warm Springs | 63.78 | 61 | ↑P | P | 06 26 07.7 | -0.3 |
| S10A | Tonopah Range, | 63.83 | 62 | ↑P | P | 06 26 07.9 | -0.3 |
| Q11A | Duckwater | 63.83 | 60 | ↑P | P | 06 26 08.3 | +0.1 |
| SNOW | Snow King Moun | 63.83 | 54 | eP | P | 06 26 09.1 | +0.9 |
| REDW | Red Top Meadow | 63.84 | 54 | eP | P | 06 26 09.2 | +1.0 |
| P12A | McGill | 63.90 | 60 | ↑P | P | 06 26 08.9 | +0.3 |
| J17A | Grown Place, J | 63.92 | 54 | ↑P | P | 06 26 08.4 | -0.3 |
| GRAC | Grapevine Rang | 63.92 | 63 | ↑P | P | 06 26 08.9 | 0.0 |
| R11A | Troy Canyon, C | 64.19 | 61 | ↑P | P | 06 26 10.0 | -0.6 |
| MPMC | Manual Prospec | 64.44 | 64 | ↑P | P | 06 26 11.1 | -1.1 |
| P13A | Bates Ranch, G | 64.45 | 59 | ↑P | P | 06 26 12.5 | +0.3 |
| S11A | Rachel | 64.53 | 62 | ↑P | P | 06 26 12.5 | -0.3 |
| HWUT | Hardware Ranch | 64.54 | 56 | eP | P | 06 26 13.2 | +0.4 |
| FURC | Furnace Creek, | 64.58 | 63 | ↑P | P | 06 26 12.8 | -0.3 |
| L17A | Cokeville | 64.63 | 55 | ↑P | P | 06 26 12.7 | -0.7 |
| KAF | Kangasniemi | 64.67 | 336 | eP | P | 06 26 12.7 | -0.6 |
| KAF | Kangasniemi | 64.67 | 336 | eP | P | 06 26 12.7 | -0.6 |
| KAF | Kangasniemi | 64.67 | 336 | eP | P | 06 26 12.7 | -0.6 |
| DUG | Dugway | 64.70 | 58 | ↑P | P | 06 26 13.6 | -0.3 |
| DUG | Dugway | 64.70 | 58 | eP | P | 06 26 13.8 | -0.1 |
| DUG | Dugway | 64.70 | 58 | eP | P | 06 26 13.8 | 0.0 |
| Q13A | Wheeler Ranch, | 64.76 | 59 | ↑P | P | 06 26 14.5 | +0.2 |
| K18A | Toitan Ranch, | 64.76 | 54 | ↑P | P | 06 26 15.0 | +0.7 |
| R12A | Pony Springs, | 64.80 | 60 | ↑P | P | 06 26 14.5 | -0.1 |
| O15A | The Old Anders | 64.85 | 58 | ↑P | P | 06 26 14.7 | -0.1 |
| EDW2 | Edwards Air Fo | 64.86 | 65 | ↑P | P | 06 26 14.9 | -0.1 |
| P14A | Drum Mountains | 64.93 | 58 | ↑P | P | 06 26 15.4 | 0.0 |
| BW06 | Boulder Array | 64.95 | 54 | ↑P | P | 06 26 15.2 | -0.3 |
| PD09 | Pinedale Array | 64.95 | 54 | ↑P | P | 06 26 15.6 | +0.1 |
| S12A | Delamar Landin | 65.11 | 61 | ↑P | P | 06 26 17.1 | +0.5 |
| T11A | Corn Creek, Al | 65.11 | 62 | ↑P | P | 06 26 16.5 | -0.1 |
| M17A | Scully's Gap (B | 65.14 | 56 | ↑P | P | 06 26 16.4 | -0.3 |
| Q14A | Sevier Lake (B | 65.19 | 59 | ↑P | P | 06 26 16.9 | -0.1 |
| FINES | FINES Array B | 65.26 | 335 | P | P | 06 26 17.1 | -0.1 |
| FINES | FINES Array B | 65.26 | 335 | P | P | 06 26 17.1 | -0.1 |
| K19A | Absolon Red Os | 65.32 | 53 | ↑P | P | 06 26 16.9 | -1.0 |
| O16A | Springville | 65.47 | 57 | ↑P | P | 06 26 19.3 | +0.5 |
| S13A | Holt Ranch, En | 65.73 | 61 | ↑P | P | 06 26 21.0 | +0.4 |
| CTA | Charters Tower | 65.80 | 188 | LR | P | 06 51 52.4 | |
| TUQ | Turquoise Moun | 65.82 | 64 | ↑P | P | 06 26 20.9 | -0.3 |
| V11A | Goodsprings | 65.87 | 63 | ↑P | P | 06 26 21.4 | -0.1 |
| HEC | Hector, Ludlow | 65.95 | 64 | ↑P | P | 06 26 22.4 | +0.3 |
| S14A | Cedar City | 66.03 | 60 | ↑P | P | 06 26 23.2 | +0.6 |
| N18A | Larsen Ranch, | 66.04 | 55 | ↑P | P | 06 26 22.8 | +0.3 |
| U12A | Valley of Fire | 66.05 | 62 | ↑P | P | 06 26 23.1 | +0.4 |
| CCUT | Cedar City | 66.05 | 60 | eP | P | 06 26 22.9 | +0.2 |
| T13A | Saint George | 66.06 | 61 | ↑P | P | 06 26 23.2 | +0.5 |
| L20A | Wamsutter | 66.13 | 54 | ↑P | P | 06 26 23.3 | +0.1 |
| R15A | Junction | 66.28 | 59 | ↑P | P | 06 26 24.9 | +0.7 |
| O18A | Roosevelt | 66.30 | 56 | ↑P | P | 06 26 24.7 | +0.5 |
| N19A | John Jarvie Ra | 66.38 | 55 | ↑P | P | 06 26 24.6 | -0.2 |
| P17A | Butcher Ranch, | 66.39 | 57 | ↑P | P | 06 26 25.2 | +0.4 |
| GMRC | Granite Mounta | 66.40 | 64 | ↑P | P | 06 26 25.0 | 0.0 |
| U13A | Pakoon Wash | 66.41 | 62 | ↑P | P | 06 26 24.7 | -0.3 |
| Q16A | Castle Valley, | 66.49 | 58 | ↑P | P | 06 26 25.7 | +0.2 |
| OBN | Obninsk | 66.52 | 326 | ↑P | P | 06 26 25.5 | +0.1 |
| T14A | Hurricane | 66.53 | 61 | P | P | 06 26 26.6 | +0.8 |
| M20A | Sweetwater, Wa | 66.56 | 54 | ↑P | P | 06 26 26.3 | +0.5 |
| LDFC | Landfair | 66.56 | 63 | eP | P | 06 26 25.9 | -0.1 |
| P18A | Preston Nutter | 66.58 | 57 | ↑P | P | 06 26 25.6 | -0.4 |
| S15A | Panguitch | 66.58 | 60 | ↑P | P | 06 26 25.9 | -0.2 |

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|------|-----------------|-------|-----|----|---|------------|------|
| 109C | Camp Elliot, M | 66.70 | 66 | ↑P | P | 06 26 27.1 | +0.2 |
| L21A | Rawlins | 66.71 | 53 | ↑P | P | 06 26 26.3 | -0.5 |
| R16A | Teasdale | 66.71 | 59 | ↑P | P | 06 26 27.1 | +0.2 |
| SRU | San Rafael | 66.75 | 57 | ↑P | P | 06 26 27.0 | -0.1 |
| SRU | San Rafael | 66.75 | 57 | eP | P | 06 26 26.8 | -0.3 |
| SRU | San Rafael | 66.75 | 57 | eP | P | 06 26 26.8 | -0.3 |
| V13A | Grand Canyon W | 66.76 | 62 | ↑P | P | 06 26 26.9 | -0.3 |
| O19A | Miners Draw (B | 66.80 | 56 | ↑P | P | 06 26 27.1 | -0.3 |
| U14A | Mt Trumbull | 66.89 | 61 | ↑P | P | 06 26 28.4 | +0.3 |
| N20A | Spence Gulch, | 66.94 | 55 | ↑P | P | 06 26 27.3 | -1.0 |
| M21A | Separation Pea | 66.95 | 54 | ↑P | P | 06 26 27.3 | -1.0 |
| Q18A | Rafter H Ranch | 66.98 | 57 | ↑P | P | 06 26 28.4 | -0.2 |
| T15A | Red Dirt Ranch | 66.99 | 60 | ↑P | P | 06 26 28.0 | -0.6 |
| S16A | Weypper Ranch, | 67.01 | 59 | ↑P | P | 06 26 29.5 | +0.7 |
| R17A | Hanksville Air | 67.09 | 58 | ↑P | P | 06 26 28.6 | -0.6 |
| L22A | Ellis Ranch, M | 67.19 | 53 | ↑P | P | 06 26 29.8 | 0.0 |
| W13A | Hualapai Mount | 67.31 | 63 | ↑P | P | 06 26 30.1 | -0.6 |
| O19A | Cripple Cowboy | 67.31 | 56 | ↑P | P | 06 26 30.2 | -0.4 |
| P20A | White River Ci | 67.41 | 55 | ↑P | P | 06 26 31.0 | -0.3 |
| N21A | Bla Mountain | 67.41 | 54 | ↑P | P | 06 26 30.9 | -0.4 |
| U15A | North Rim | 67.43 | 61 | ↑P | P | 06 26 31.9 | +0.4 |
| V14A | Boquillas Ranc | 67.45 | 62 | ↑P | P | 06 26 32.2 | +0.6 |
| S17A | Black Ridge (B | 67.54 | 59 | ↑P | P | 06 26 31.9 | -0.3 |
| Q19A | Hogan Spring (I | 67.59 | 57 | ↑P | P | 06 26 31.6 | -0.8 |
| R18A | Canyonlands Na | 67.59 | 58 | ↑P | P | 06 26 31.8 | -0.7 |
| WRAB | Tennant Creek | 67.65 | 200 | eP | P | 06 26 33.6 | +0.8 |
| WRAB | Tennant Creek | 67.65 | 200 | eP | P | 06 26 33.6 | +0.7 |
| WRAB | Tennant Creek | 67.65 | 200 | eP | P | 06 26 33.6 | +0.7 |
| WRA | Warramunga Arr | 67.66 | 200 | P | P | 06 26 33.8 | +0.8 |
| WRA | Warramunga Arr | 67.66 | 200 | P | P | 06 26 33.8 | +0.9 |
| X13A | Yucca | 67.67 | 63 | ↑P | P | 06 26 32.5 | -0.5 |
| W14A | Seligman | 67.73 | 62 | ↑P | P | 06 26 34.1 | +0.7 |
| P20A | De Beque | 67.74 | 56 | ↑P | P | 06 26 32.9 | -0.5 |
| Q21A | Pagoda | 67.80 | 55 | ↑P | P | 06 26 34.2 | +0.5 |
| V15A | Kaibab Nationa | 67.90 | 61 | ↑P | P | 06 26 35.1 | +0.7 |
| S18A | Hut Farm, B1 | 67.99 | 58 | ↑P | P | 06 26 34.9 | -0.1 |
| N22A | Wattenberg Ran | 67.99 | 54 | ↑P | P | 06 26 35.3 | +0.3 |
| R19A | Curley Farm, L | 68.03 | 57 | ↑P | P | 06 26 35.0 | -0.2 |
| Q20A | Ridgley Place, | 68.16 | 56 | ↑P | P | 06 26 36.0 | -0.1 |
| P21A | Newcastle | 68.27 | 55 | ↑P | P | 06 26 37.4 | +0.6 |
| U17A | Shonto | 68.31 | 60 | ↑P | P | 06 26 37.5 | +0.5 |
| VSR | Storozhevoye | 68.31 | 322 | eP | P | 06 26 36.9 | +0.1 |
| VSR | Storozhevoye | 68.31 | 322 | eP | P | 06 26 36.9 | +0.1 |
| VSR | Storozhevoye | 68.31 | 322 | eP | P | 06 26 36.9 | +0.1 |
| X14A | Yava | 68.34 | 63 | ↑P | P | 06 26 37.0 | -0.3 |
| O22A | Kremmling | 68.37 | 54 | ↑P | P | 06 26 37.6 | +0.3 |
| T18A | Mexican Hat | 68.43 | 59 | ↑P | P | 06 26 36.7 | -1.0 |
| FITZ | Fitzroy Crossi | 68.44 | 209 | eP | P | 06 26 39.5 | +1.6 |
| S19A | Harvey Farm, M | 68.47 | 58 | ↑P | P | 06 26 37.9 | -0.1 |
| PV01 | Paradox Valley | 68.54 | 57 | eP | P | 06 26 38.7 | +0.2 |
| Y14A | Wickenburg | 68.62 | 63 | ↑P | P | 06 26 39.2 | +0.2 |
| R20A | Redvale | 68.62 | 57 | ↑P | P | 06 26 39.1 | +0.2 |
| Q21A | Lamborn Mesa, | 68.66 | 56 | ↑P | P | 06 26 39.5 | +0.3 |
| Z13A | Yuma Proving G | 68.69 | 64 | ↑P | P | 06 26 39.2 | -0.3 |
| X15A | Humboldt | 68.73 | 62 | ↑P | P | 06 26 40.4 | +0.7 |
| SMCO | Snowmass | 68.78 | 55 | eP | P | 06 26 40.0 | +0.1 |
| S20A | Disappointment | 68.87 | 57 | ↑P | P | 06 26 40.2 | -0.3 |
| V17A | Toneale, Kykot | 68.87 | 60 | ↑P | P | 06 26 41.1 | +0.6 |
| U18A | Rough Rock, Ch | 68.91 | 59 | ↑P | P | 06 26 40.8 | 0.0 |
| R21A | Cimarron | 68.98 | 56 | ↑P | P | 06 26 40.9 | -0.3 |
| Q22A | Crested Butte, | 69.03 | 56 | ↑P | P | 06 26 40.4 | -1.0 |
| Y15A | Casa Rosa Ranc | 69.03 | 63 | ↑P | P | 06 26 40.9 | -0.6 |
| T19A | Beclabito | 69.14 | 58 | ↑P | P | 06 26 41.8 | -0.4 |
| ISCO | Idaho Springs | 69.14 | 54 | eP | P | 06 26 42.4 | +0.3 |
| ISCO | Idaho Springs | 69.14 | 54 | eP | P | 06 26 42.4 | +0.3 |
| MVCO | Mesa Verde | 69.20 | 58 | ↑P | P | 06 26 42.3 | -0.3 |
| X16A | Lo Mia Camp, P | 69.27 | 62 | ↑P | P | 06 26 43.2 | +0.1 |
| S21A | Coal Bank Pass | 69.31 | 57 | ↑P | P | 06 26 43.6 | +0.3 |
| V18A | Ganado | 69.34 | 60 | ↑P | P | 06 26 44.0 | +0.6 |
| U19A | Dine' College, | 69.39 | 59 | ↑P | P | 06 26 44.3 | +0.5 |
| NB2 | NORSAR Subarra | 69.44 | 342 | P | P | 06 26 42.7 | -0.9 |
| NOA | NORSAR Array B | 69.44 | 342 | P | P | 06 26 43.4 | -0.2 |
| NOA | NORSAR Array B | 69.44 | 342 | P | P | 06 26 43.4 | -0.2 |
| NOA | NORSAR Array B | 69.44 | 342 | P | P | 06 26 43.4 | -0.2 |
| R22A | Saguache, Gunn | 69.54 | 56 | ↑P | P | 06 26 45.8 | +1.1 |
| X17A | Forest Lakes | 69.72 | 61 | ↑P | P | 06 26 46.9 | +1.1 |
| S22A | 4UR Ranch, Cre | 69.82 | 56 | ↑P | P | 06 26 45.9 | +0.6 |
| T21A | Navajo Lake | 69.92 | 57 | ↑P | P | 06 26 47.8 | +0.8 |
| 115A | Sonoran Desert | 69.92 | 64 | ↑P | P | 06 26 47.6 | +0.6 |
| Z16A | Peralta Trail, | 70.00 | 63 | ↑P | P | 06 26 47.5 | -0.1 |
| U21A | Nageezi | 70.22 | 58 | ↑P | P | 06 26 49.0 | +0.1 |

| | | | | | | | |
|------|------------------|-------|----|----|---|------------|------|
| T22A | Edith | 70.28 | 57 | ↑P | P | 06 26 49.3 | +0.2 |
| R24A | Sanders Place, | 70.49 | 55 | ↑P | P | 06 26 51.1 | +0.6 |
| Y18A | Canyon Day Jun | 70.57 | 61 | ↑P | P | 06 26 51.3 | +0.3 |
| X19A | St. Johns | 70.59 | 60 | ↑P | P | 06 26 51.7 | +0.5 |
| T23A | Casias Ranch, | 70.77 | 57 | ↑P | P | 06 26 52.8 | +0.6 |
| S24A | Houchin Ranch,</ | | | | | | |

Table of meteorological data for stations in the 6d 8h region, including CMAA, HDIL, TLOR, TRPA, etc.

Table of meteorological data for stations in the 2008 JUL region, including BFO, WTAA, VTS, etc.

Table of meteorological data for stations in the GUC 06:07:17:06.8:0.7, 2.0:405:67:56W, h215km, ML4.3, 1C-2D, Chile-Argentina border region, including BESE, SKAG, SIT, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like YKAK, YKAL, YKAM, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KAKA, KAKB, KAKC, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KAKA, KAKB, KAKC, etc.

| | | | | | | |
|------|------------------------------------|-----------|------|-------|----|-----------------|
| D15A | Lincoln | 62.41 | 50 | ↑P | P | 09 18 43.2 +0.5 |
| AJM | Ajmer | 62.47 281 | ePKP | P | P | 09 18 44.2 +0.8 |
| K10A | MacKenzie Ranch | 62.55 | 56 | ↑P | P | 09 18 43.6 -0.1 |
| B17A | L&G Farms, Che | 62.56 | 48 | ↑P | P | 09 18 43.3 -0.4 |
| BHPL | Bhopal | 62.59 276 | ePKP | P | P | 09 18 44.8 +0.5 |
| H12A | Diamond D Ranch | 62.63 | 53 | ↑P | P | 09 18 43.9 -0.3 |
| G13A | Cobalt | 62.65 | 53 | ↑P | P | 09 18 44.3 0.0 |
| A18A | Metzger Ranch, | 62.67 | 47 | P | P | 09 18 44.4 0.0 |
| F14A | Wisdom | 62.70 | 52 | ↑P | P | 09 18 45.0 +0.4 |
| E15A | Deer Lodge | 62.72 | 51 | ↑P | P | 09 18 44.5 -0.3 |
| FFC | Flin Flon | 62.75 | 39 | P | P | 09 18 45.6 +0.7 |
| FFC | Flin Flon | 62.75 | 39 | iP | P | 09 18 45.5 +0.6 |
| FFC | Flin Flon | 62.75 | 39 | eP | P | 09 18 45.0 +0.2 |
| FFC | comp-Z,97nm,1.0s,mb5.9 | | | | | |
| MFID | Camas Ranch | 62.77 | 55 | ↑P | P | 09 18 45.1 0.0 |
| BKNI | Bangknang | 62.80 240 | P | P | P | 09 18 47.1 +1.4 |
| NGP | Nagpur | 62.80 273 | iP | P | P | 09 18 44.1 -1.6 |
| WCN | Washoe City | 62.93 | 61 | ↑P | P | 09 18 46.4 +0.1 |
| TPTI | Atlanta | 62.94 245 | P | P | P | 09 18 48.8 +2.2 |
| I12A | Dana Ranch, Ca | 62.94 | 50 | ↑P | P | 09 18 45.5 -0.8 |
| D16A | Challis | 62.97 | 53 | ↑P | P | 09 18 45.9 -0.3 |
| H13A | Holter Reseate | 62.98 | 50 | ↑P | P | 09 18 46.1 -0.3 |
| HRV | Wharram Farm, | 62.99 | 49 | ↑P | P | 09 18 48.2 +1.7 |
| C17A | Beardsley Farm | 63.03 | 48 | ↑P | P | 09 18 46.2 +0.1 |
| B18A | Parker Ranch, | 63.04 | 56 | ↑P | P | 09 18 46.2 -0.6 |
| K11A | Jan Mayen | 63.11 353 | iP | P | P | 09 18 46.8 -0.2 |
| JMIC | Jan Mayen | 63.11 353 | iP | P | P | 09 18 46.3 -0.7 |
| JMIC | comp-Z,274nm,1.1s,mb6.3 | | | | | |
| JMIC | Jan Mayen | 63.11 353 | iP | P | P | 09 27 20.0 |
| JMIC | comp-Z,274nm,1.1s,mb6.3 | | | | | |
| F15A | Butte | 63.16 | 51 | ↑P | P | 09 18 47.6 -0.1 |
| E16A | East Helena | 63.18 | 50 | ↑P | P | 09 18 47.4 -0.4 |
| LRM | Limekiln Ridge | 63.20 | 51 | ↑P | P | 09 18 48.8 +0.9 |
| L10A | Juniper Basin | 63.21 | 56 | ↑P | P | 09 18 47.5 -0.6 |
| FCC | Fort Churchill | 63.25 | 32 | eP | P | 09 18 44.7 -3.3 |
| EGMT | Eagleton | 63.27 | 48 | ↑P | P | 09 18 48.1 -0.3 |
| EGMT | Eagleton | 63.27 | 48 | eP | P | 09 18 48.4 0.0 |
| EGMT | comp-Z,88nm,1.1s,mb5.8 | | | | | |
| J12A | Stokes Ranch, | 63.29 | 55 | ↑P | P | 09 18 49.1 +0.5 |
| CMB | Columbia Colle | 63.31 | 62 | eP | P | 09 18 49.3 +0.5 |
| CMB | comp-Z,55nm,1.2s,mb5.6 | | | | | |
| CMB | Columbia Colle | 63.31 | 62 | eP | P | 09 18 49.3 +0.4 |
| CMB | comp-Z,55nm,1.2s,mb5.6 | | | | | |
| D17A | Six Diamond Ra | 63.33 | 49 | ↑P | P | 09 18 48.9 +0.2 |
| MNSI | Mandalling Nat | 63.33 241 | P | P | P | 09 18 48.5 -0.7 |
| NGJI | Ngawi | 63.33 225 | P | P | P | 09 18 55.3 +6.2 |
| DLMT | Dillon | 63.40 | 52 | eP | P | 09 18 49.8 +0.4 |
| SAO | San Andreas Ge | 63.42 | 64 | PFAKE | LR | 09 19 00.0 +1.0 |
| H14A | Leadore | 63.43 | 53 | ↑P | P | 09 18 49.3 -0.2 |
| I13A | Wildhorse Cree | 63.44 | 54 | ↑P | P | 09 18 48.9 -0.7 |
| SJI | Sawahan | 63.49 225 | P | P | P | 09 18 50.4 +0.2 |
| SJI | comp-Z,238nm,1.4s,comp-Z,8um,mb6.1 | | | | | |
| HLID | Hailey | 63.49 | 54 | ↑P | P | 09 18 50.4 +0.4 |
| HLID | Hailey | 63.49 | 54 | eP | P | 09 18 50.9 +0.9 |
| HLID | comp-Z,61nm,1.4s,mb5.5 | | | | | |
| M10A | LL Ranch, Tu | 63.51 | 57 | ↑P | P | 09 18 50.9 +0.8 |
| SDSI | Sungai Dareh | 63.56 238 | P | P | P | 09 18 51.4 +0.7 |
| SMRI | Semarang | 63.57 226 | P | P | P | 09 18 51.4 +0.7 |
| L11A | Cat Creek Ranch | 63.58 | 56 | ↑P | P | 09 18 50.1 -0.4 |
| G15A | Dillon | 63.58 | 52 | ↑P | P | 09 18 50.0 -0.5 |
| MCMT | McKenzie Canyo | 63.59 | 52 | eP | P | 09 18 51.3 +0.7 |
| E17A | Martinsdale | 63.66 | 50 | ↑P | P | 09 18 51.3 +0.3 |
| F16A | Kennard Place, | 63.67 | 51 | ↑P | P | 09 18 51.2 +0.2 |
| PWJI | Pagerwojo | 63.72 224 | P | P | P | 09 18 50.8 -0.9 |
| J13A | Cove Ranch, Pi | 63.73 | 54 | ↑P | P | 09 18 50.6 -1.0 |
| BOZ | Bozeman (W) | 63.76 | 51 | ↑P | P | 09 18 51.6 -0.1 |
| BOZ | Bozeman (W) | 63.76 | 51 | eP | P | 09 18 52.2 +0.6 |
| BOZ | comp-Z,82nm,1.4s,mb5.6 | | | | | |
| BOZ | comp-Z,2um,19.0s,MS5.3 | | | | | |
| BOZ | Bozeman (W) | 63.76 | 51 | eP | P | 09 18 52.2 +0.5 |
| BOZ | comp-Z,82nm,1.4s,mb5.6 | | | | | |
| D18A | Linhart Farms, | 63.77 | 49 | ↑P | P | 09 18 51.7 0.0 |
| BMN | Battle Mountai | 63.78 | 58 | eP | P | 09 18 53.0 +1.1 |
| BMN | comp-Z,38nm,1.0s,mb5.4 | | | | | |
| BMN | Battle Mountai | 63.78 | 58 | eP | P | 09 18 53.0 +1.1 |
| BMN | comp-Z,38nm,1.0s,mb5.4 | | | | | |
| K12A | Draper Farm, C | 63.78 | 55 | ↑P | P | 09 18 51.3 -0.6 |
| PPI | Padang Panjang | 63.81 240 | P | P | P | 09 18 52.9 +0.5 |
| I14A | Ilackay | 63.81 | 53 | ↑P | P | 09 18 52.0 -0.1 |
| H15A | Lima | 63.84 | 52 | ↑P | P | 09 18 52.8 +0.6 |
| G16A | Moss Hill, Enn | 63.92 | 51 | ↑P | P | 09 18 52.7 -0.1 |
| MOR8 | Moi Rana | 63.99 342 | iP | P | P | 09 18 50.8 -2.0 |
| MOR8 | comp-Z,217nm,1.1s,mb6.1 | | | | | |
| MOR8 | Moi Rana | 63.99 342 | iP | P | P | 09 18 50.8 -2.0 |
| MOR8 | comp-Z,217nm,1.1s,mb6.1 | | | | | |
| KONS | Konsvik | 63.99 343 | eP | P | P | 09 18 52.9 0.0 |
| M11A | Holland Ranch, | 64.01 | 57 | ↑P | P | 09 18 53.1 -0.2 |

| | | | | | | |
|-------|--|-----------|------|-------|----|-----------------|
| L12A | House Creek Ra | 64.02 | 56 | ↑P | P | 09 18 52.9 -0.6 |
| E18A | Harlowton | 64.11 | 49 | ↑P | P | 09 18 53.6 -0.4 |
| F17A | Fitzpatrick Pi | 64.12 | 50 | ↑P | P | 09 18 54.0 0.0 |
| PDSI | Padang | 64.13 239 | P | P | P | 09 18 55.0 +0.5 |
| J14A | Carey | 64.15 | 54 | ↑P | P | 09 18 53.9 -0.4 |
| KAF | Kangasniemi | 64.17 335 | eP | P | P | 09 18 51.5 -2.6 |
| KAF | Kangasniemi | 64.17 335 | eP | P | P | 09 18 51.5 -2.6 |
| KAF | Kangasniemi | 64.17 335 | eP | P | P | 09 18 51.5 -2.6 |
| K13A | Stover Farm, H | 64.25 | 55 | ↑P | P | 09 18 54.7 -0.2 |
| UGM | Wanagama | 64.27 226 | P | P | P | 09 18 59.6 +4.3 |
| I15A | Montevideo | 64.31 | 53 | ↑P | P | 09 18 55.1 -0.2 |
| NVAR | Mina Araya Be | 64.36 | 61 | P | P | 09 18 56.8 +1.0 |
| NVAR | comp-Z,4.4nm,0.7s,mb5.9 | | | | | |
| QLMT | Earthquake LA | 64.38 | 51 | eP | P | 09 18 57.3 +1.6 |
| SCO | Scoresbysund | 64.43 357 | iP | P | P | 09 18 55.8 +0.1 |
| SCO | comp-Z,84nm,1.0s,mb5.7 | | | | | |
| SCO | Scoresbysund | 64.43 357 | iP | P | P | 09 18 55.8 +0.1 |
| SCO | comp-Z,84nm,1.0s,mb5.7 | | | | | |
| AKL | Akola | 64.53 274 | iP | P | P | 09 18 57.3 +0.3 |
| AKL | Wells | 64.53 | 56 | ↑P | P | 09 27 50.3 |
| M12A | Russell Place, | 64.56 | 52 | ↑P | P | 09 18 55.9 -1.0 |
| H16A | Big Timber | 64.63 | 50 | ↑P | P | 09 18 56.9 -0.5 |
| KLSI | Blackfoot | 64.67 233 | P | P | P | 09 18 57.9 -0.1 |
| J15A | Blackfoot | 64.72 | 53 | ↑P | P | 09 18 57.9 -0.1 |
| GCMT | Greycliff | 64.73 | 50 | eP | P | 09 18 59.2 +1.2 |
| P10A | Eureka | 64.74 | 59 | ↑P | P | 09 18 57.2 -0.9 |
| YMR | Madison River | 64.75 | 51 | eP | P | 09 18 57.9 +1.7 |
| KLJ | Kotabumi | 64.76 233 | P | P | P | 09 19 04.0 +5.6 |
| FINES | FINESS Array B | 64.76 334 | P | P | P | 09 18 56.3 -1.7 |
| FINES | FINESS Array B | 64.76 334 | P | P | P | 09 27 31.7 -3.1 |
| FINES | comp-Z,6.7nm,0.9s,baz=35,slow=15,SNR=5.8 | | | | | |
| FINES | FINESS Array B | 64.76 334 | P | P | P | 09 18 56.3 -1.6 |
| FINES | FINESS Array B | 64.76 334 | P | P | P | 09 27 31.7 -3.1 |
| FINES | comp-Z,64nm,0.5s | | | | | |
| FINES | comp-Z,7.0nm,0.9s | | | | | |
| FINES | FINESS Array B | 64.76 334 | P | P | P | 09 18 56.3 -1.6 |
| FINES | FINESS Array B | 64.76 334 | P | P | P | 09 27 31.7 -3.1 |
| FINES | ELK | 64.76 | 57 | eP | P | 09 18 59.5 +1.2 |
| ELK | comp-Z,13nm,1.1s | | | | | |
| JASL | Jaisalmer | 64.77 283 | ePKP | P | P | 09 18 59.5 +0.9 |
| MDSI | Maura Dua | 64.81 234 | P | P | P | 09 18 59.3 +0.4 |
| N12A | Clover Valley, | 64.81 | 57 | ↑P | P | 09 18 59.2 +0.5 |
| N12A | Clover Valley, | 64.81 | 57 | ↑P | P | 09 18 59.9 +1.2 |
| K14A | Jones Ranch, | 64.83 | 54 | ↑P | P | 09 18 59.7 -0.1 |
| MOS | Moscow | 64.85 325 | eP | P | P | 09 18 54.3 -4.3 |
| MOS | Moscow | 64.85 325 | eP | P | P | 09 19 08.2 -3.3 |
| MOS | Moscow | 64.85 325 | eP | P | P | 09 19 29.9 -4.2 |
| MOS | Moscow | 64.85 325 | eP | P | P | 09 28 46.4 |
| MOS | comp-Z,55nm,1.1s,mb5.5 | | | | | |
| LEM | Lembang | 64.86 229 | P | P | P | 09 18 59.1 -0.1 |
| O11A | Cowboy Ranch, | 64.90 | 58 | ↑P | P | 09 18 58.3 -0.9 |
| YFT | Old Faithful | 64.95 | 52 | eP | P | 09 19 02.4 +3.0 |
| I16A | Newdale | 64.95 | 52 | ↑P | P | 09 18 58.9 -0.6 |
| KSI | Kapahiang | 65.05 236 | P | P | P | 09 19 03.6 +3.1 |
| G18A | Lazy EL Ranch, | 65.09 | 50 | ↑P | P | 09 19 00.4 +0.1 |
| RCTO | Reactor, Farmer | 65.10 | 63 | ↑P | P | 09 19 00.8 +0.2 |
| LKWY | Lake | 65.11 | 51 | eP | P | 09 19 03.6 +3.1 |
| LKWY | Lake | 65.11 | 51 | eP | P | 09 19 03.6 +3.1 |
| LKWY | Lake | 65.11 | 51 | eP | P | 09 19 03.6 +3.1 |
| LKWY | Lake | 65.11 | 51 | eP | P | 09 19 03.6 +3.1 |
| K15A | Arbon | 65.12 | 54 | ↑P | P | 09 19 00.5 0.0 |
| L14A | Malta | 65.12 | 55 | ↑P | P | 09 19 00.5 -0.1 |
| H17A | Grant Village | 65.12 | 51 | ↑P | P | 09 19 01.5 +0.9 |
| P11A | Circle Ranch, | 65.21 | 58 | ↑P | P | 09 19 00.9 -0.3 |
| CTA | Charters Tower | 65.21 185 | eP | P | P | 09 19 02.1 +0.8 |
| CTA | Charters Tower | 65.21 185 | eP | P | P | 09 27 42.0 +0.9 |
| CTA | Charters Tower | 65.21 185 | eP | P | P | 09 19 04.4 +3.1 |
| CTA | Charters Tower | 65.21 185 | eP | P | P | 09 19 04.4 +3.1 |
| IMW | Indian Meadow | 65.24 | 62 | eP | P | 09 19 03.8 +2.4 |
| TPH | Tonopah | 65.24 | 60 | PFAKE | LR | 09 19 10.0 +8.5 |
| J16A | Bone | 65.26 | 53 | ↑P | P | 09 19 01.7 +0.2 |
| G10A | Clear Creek Ra | 65.27 | 59 | ↑P | P | 09 19 01.8 +0.2 |
| SISI | Saibi | 65.29 240 | P | P | P | 09 19 02.8 +0.8 |
| DCIDI | Drake Creek | 65.30 | 52 | eP | P | 09 19 03.8 +2.0 |
| N13A | Wendover, West | 65.31 | 56 | ↑P | P | 09 19 03.3 +1.4 |
| N13A | Wendover, West | 65.31 | 56 | eP | P | 09 19 04.2 +2.4 |
| LWLI | Liwa | 65.31 233 | P | P | P | 09 19 14.4 -0.7 |
| O12A | Currie | 65.36 | 57 | ↑P | P | 09 19 02.3 +0.1 |
| RLMT | Red Lodge | 65.38 | 50 | ↑P | P | 09 19 01.8 -0.4 |

| | | | | | | |
|------|------------------------|-----------|-----|----|----|-----------------|
| RLMT | Red Lodge | 65.38 | 50 | eP | P | 09 19 03.8 +1.5 |
| RLMT | Hansel Valley | 65.38 | 53 | eP | LR | 09 19 04.1 +1.8 |
| RR12 | Red Ridge | 65.38 | 53 | eP | P | 09 19 04.1 +1.8 |
| QUE | Quetta | 65.38 289 | eP | P | P | 09 18 59.0 -3.5 |
| M14A | Sheep Mountain | 65.39 | 55 | ↑P | P | 09 19 01.9 -0.5 |
| KASI | Kota Agung | 65.48 | 233 | eP | pP | 09 19 14.9 -1.2 |
| TPAW | Teton Pass | 65.50 | 52 | eP | P | 09 19 04.2 +1.1 |
| HVU | Hansel Valley | 65.55 | 55 | eP | P | 09 19 05.1 +1.7 |
| HVU | comp-Z,51nm,1.4s,mb5.4 | | | | | |
| K16A | Soda Springs | 65.56 | 53 | ↑P | P | 09 19 03.4 -0.1 |
| LOHW | Long Hollow | 65.61 | 52 | eP | P | 09 19 05.4 +1.6 |
| HYB | Hyderabad | 65.62 270 | eP | P | P | 09 19 04.0 -0.2 |
| HYB | Hyderabad | 65.62 270 | eP | P | P | 09 28 00.4 +1.7 |
| HYB | Hyderabad | 65.62 270 | eP | P | P | 09 19 04.0 -0.2 |
| HYB | Hyderabad | 65.62 270 | eP | P | P | 09 27 50.0 +3.4 |
| SNOW | Snow King Moun | 65.62 | 52 | eP | P | 09 19 05.5 +1.6 |
| REDW | Red Top Meadow | 65.63 | 52 | eP | P | 09 19 04.8 +0.8 |
| R10A | Warm Springs | 65.67 | 60 | ↑P | P | 09 19 04.2 0.0 |
| J17A | Brown Place, J | 65.71 | | | | |

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|------|--|---------|----|-----------------|--|
| BW06 | comp=Z,2um,22.0s,MSS.2 | LR | LR | | |
| PDAR | Pinedale Array 66.74 52 P | SNR=343 | | 09 19 11.2 +0.1 | |
| PDAR | comp=Z,8.5nm,0.7s,mb4.9,baz=266,slow=1.6 | PKPPP | | 09 19 22.6 -1.3 | |
| PDAR | comp=Z,23nm,0.9s,baz=282,slow=1.2,SNR=19 | PKPPP | | 09 47 41.0 | |
| PDAR | comp=Z,1.8nm,1.1s,baz=158,slow=4.3,SNR=5.2 | LR | LR | 09 50 23.0 | |
| P14A | Drum Mountains 66.78 57 P | SNR=2 | | 09 19 11.0 -0.3 | |
| EDW2 | Edwards Air Fo 66.79 63 P | SNR=9.0 | | 09 19 11.3 -0.2 | |
| CTU | Camp Tracy 66.84 55 eP | SNR=9.0 | | 09 19 13.4 +1.7 | |
| U10A | Ash Meadows, A 66.84 61 P | SNR=9.0 | | 09 19 11.4 -0.4 | |
| V5U | Vasula 66.86 332 P | SNR=9.0 | | 09 19 11.1 -0.4 | |
| SNCC | San Nicolas Is 66.86 66 P | SNR=9.0 | | 09 19 12.0 +0.1 | |
| M17A | Scullys Gap (B 66.96 54 P | SNR=9.0 | | 09 19 11.4 -1.0 | |
| DECC | Green Verdugo 66.98 64 P | SNR=9.0 | | 09 19 12.8 +0.1 | |
| S12A | Delamar Landin 66.99 59 P | SNR=9.0 | | 09 19 12.7 0.0 | |
| T11A | Corn Creek, AI 67.00 60 P | SNR=9.0 | | 09 19 12.6 -0.2 | |
| L18A | Fontenelle, Gr 67.02 53 P | SNR=9.0 | | 09 19 12.0 -0.8 | |
| Q14A | Sevier Lake (B 67.05 57 P | SNR=9.0 | | 09 19 12.8 -0.2 | |
| JLU | Jordanelle 67.07 55 eP | SNR=9.0 | | 09 19 14.2 +1.1 | |
| K19A | Absolon Red Bu 67.10 52 P | SNR=9.0 | | 09 19 12.4 -0.9 | |
| NLU | North Lily Min 67.13 56 eP | SNR=9.0 | | 09 19 14.5 +1.0 | |
| NLU | O'Grain Ranch, 67.15 58 P | SNR=9.0 | | 09 19 23.9 -2.6 | |
| R13A | Mount Wilson 67.17 64 eP | SNR=9.0 | | 09 19 13.6 -0.2 | |
| MWC | comp=Z,33nm,1.1s,mb5.3 | SNR=9.0 | | 09 19 14.9 +1.0 | |
| MWC | comp=Z,33nm,1.1s,mb5.3 | SNR=9.0 | | 09 19 14.3 +0.2 | |
| FITZ | Fitzroy Crossi 67.21 206 eP | SNR=9.0 | | 09 19 13.9 -0.2 | |
| FITZ | Fitzroy Crossi 67.21 206 eP | SNR=9.0 | | 09 19 28.2 +1.2 | |
| FITZ | comp=Z,125nm,1.4s,mb5.8 | SNR=9.0 | | 09 19 13.4 -0.6 | |
| N17A | Moffit Pass 67.21 54 P | SNR=9.0 | | 09 19 13.3 -1.1 | |
| SHOC | Shoshone 67.21 62 P | SNR=9.0 | | 09 19 13.3 -0.9 | |
| P15A | Leamington 67.26 56 P | SNR=9.0 | | 09 19 13.3 -1.1 | |
| BHV | Bhavnagar 67.26 278 ePKP | SNR=9.0 | | 09 19 14.8 +0.1 | |
| GSC | Goldstone 67.27 62 P | SNR=9.0 | | 09 19 14.4 -0.1 | |
| GSC | Goldstone 67.27 62 eP | SNR=9.0 | | 09 19 15.8 +1.3 | |
| GSC | comp=Z,46nm,1.3s,mb5.3 | SNR=9.0 | | 09 19 29.6 +2.2 | |
| GSC | comp=Z,46nm,1.3s,mb5.3 | SNR=9.0 | | 09 19 15.8 +1.3 | |
| L19A | Farson 67.29 53 P | SNR=9.0 | | 09 19 29.6 +2.2 | |
| O16A | Springville 67.30 55 P | SNR=9.0 | | 09 19 13.6 -0.9 | |
| DAU | Daniels Canyon 67.31 55 eP | SNR=9.0 | | 09 19 14.0 -0.7 | |
| DAU | comp=Z,36nm,1.2s,mb5.3 | SNR=9.0 | | 09 19 16.3 +1.6 | |
| DAU | Daniels Canyon 67.31 55 eP | SNR=9.0 | | 09 19 16.3 +1.6 | |
| M18A | Lyman 67.33 54 P | SNR=9.0 | | 09 19 13.8 -0.9 | |
| MSVF | Nonsavu 67.33 152 PFAKE | SNR=9.0 | | 09 19 30.0 +1.5 | |
| MSVF | comp=Z,5um,21.0s,MSS.7 | SNR=9.0 | | 09 19 16.5 +1.6 | |
| MPU | Maple Canyon 67.35 56 eP | SNR=9.0 | | 09 19 13.5 -1.4 | |
| VSR | Storozhevoje 67.37 321 P | SNR=9.0 | | 09 21 40.1 | |
| VSR | 09 21 40.1 | SNR=9.0 | | 09 28 03.5 -3.4 | |
| VSR | 09 32 30.6 +4.2 | SNR=9.0 | | | |
| VSR | comp=Z,44nm,0.4s,mb5.8 | SNR=9.0 | | | |
| VSR | comp=N,70nm,0.8s | SNR=9.0 | | | |
| VSR | comp=E,60nm,0.8s | SNR=9.0 | | | |
| VSR | comp=Z,170nm,3.7s | SNR=9.0 | | | |
| VSR | comp=N,80nm,0.9s | SNR=9.0 | | | |
| VSR | comp=E,90nm,0.9s | SNR=9.0 | | | |
| VSR | comp=N,60nm,1.1s | SNR=9.0 | | | |
| VSR | comp=E,60nm,1.1s | SNR=9.0 | | | |
| VSR | comp=Z,9.0nm,0.4s | SNR=9.0 | | | |
| VSR | comp=N,6um,18.0s,MSS.9 | SNR=9.0 | | | |
| VSR | comp=E,4um,18.0s,MSS.9 | SNR=9.0 | | | |
| VSR | comp=Z,10um,18.0s,MSS.1 | SNR=9.0 | | | |
| BFSC | Mount Baldy Ra 67.41 64 P | SNR=9.0 | | 09 19 14.3 -1.1 | |
| U11A | Corn Creek 67.43 61 P | SNR=9.0 | | 09 19 15.0 -0.5 | |
| K20A | Yellowstone Ra 67.49 52 P | SNR=9.0 | | 09 19 15.2 -0.6 | |
| Q15A | Fillmore 67.57 57 P | SNR=9.0 | | 09 19 15.7 -0.7 | |
| P16A | Fountain Green 67.60 56 P | SNR=9.0 | | 09 19 16.1 -0.4 | |
| S13A | Holt Ranch, En 67.61 59 P | SNR=9.0 | | 09 19 16.5 -0.1 | |
| T12A | Moapa 67.64 60 P | SNR=9.0 | | 09 19 16.2 -0.6 | |
| ARUT | Antelope Range 67.73 58 eP | SNR=9.0 | | 09 19 18.4 +1.1 | |
| ARUT | comp=Z,17nm,0.8s,mb5.1 | SNR=9.0 | | 09 19 18.4 +1.1 | |
| ARUT | Antelope Range 67.73 58 eP | SNR=9.0 | | 09 19 18.4 +1.1 | |
| TUQ | Turquoise Moun 67.73 62 P | SNR=9.0 | | 09 19 15.8 -1.6 | |
| O17A | Robinson Place 67.75 55 P | SNR=9.0 | | 09 19 17.4 -0.1 | |
| V11A | Goodsprings 67.78 61 P | SNR=9.0 | | 09 19 15.5 -2.2 | |
| AFI | Afiatalu 67.83 141 PFAKE | SNR=9.0 | | 09 19 30.0 +1.2 | |
| N18A | Larsen Ranch, 67.85 54 P | SNR=9.0 | | 09 19 18.9 +0.8 | |
| BBRO | Big Bear Solar 67.86 63 P | SNR=9.0 | | 09 19 17.9 -0.4 | |
| HEC | Hector,Ludlow 67.87 63 P | SNR=9.0 | | 09 19 16.0 -2.3 | |
| S14A | Cedar City 67.91 58 P | SNR=9.0 | | 09 19 18.3 -0.2 | |
| L20A | Wamsutter 67.92 52 P | SNR=9.0 | | 09 19 19.3 +0.8 | |
| CCUT | Cedar City 67.93 59 eP | SNR=9.0 | | 09 19 18.6 0.0 | |
| U12A | Valley of Fire 67.94 60 P | SNR=9.0 | | 09 19 18.0 -0.7 | |
| T13A | Saint George 67.94 59 P | SNR=9.0 | | 09 19 18.1 -0.6 | |
| BHJ | Bhuji 68.00 281 ePKP | SNR=9.0 | | 09 19 18.3 -1.0 | |
| MSU | Marysvalde 68.01 57 eP | SNR=9.0 | | 09 19 19.4 +0.3 | |
| MSU | comp=Z,41nm,1.2s,mb5.3 | SNR=9.0 | | 09 19 19.4 +0.3 | |
| MSU | comp=Z,41nm,1.2s,mb5.3 | SNR=9.0 | | 09 19 21.0 +1.5 | |
| TMUT | Trail Mountain 68.07 56 eP | SNR=9.0 | | 09 19 19.4 -0.4 | |
| MURC | Murrieta 68.11 64 P | SNR=9.0 | | 09 19 19.1 -0.8 | |
| O18A | Roosevelt 68.12 55 P | SNR=9.0 | | 09 19 19.1 -0.8 | |

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|------|---|---------|--|-----------------|--|
| R15A | Junction 68.15 57 P | SNR=9.0 | | 09 19 19.3 -0.6 | |
| N19A | John Jarvis Ra 68.19 54 P | SNR=9.0 | | 09 19 19.5 -0.6 | |
| POO | Poona 68.20 275 ePKP | SNR=9.0 | | 09 19 20.7 +0.2 | |
| V12A | Nelson 68.20 61 P | SNR=9.0 | | 09 19 20.2 -0.2 | |
| P17A | Butcher Ranch, 68.22 56 P | SNR=9.0 | | 09 19 20.0 -0.5 | |
| U13A | Pakoon Wash 68.20 60 P | SNR=9.0 | | 09 19 20.5 -0.5 | |
| GMRC | Granite Mounta 68.32 62 P | SNR=9.0 | | 09 19 21.0 -0.1 | |
| Q16A | Castle Valley 68.34 56 P | SNR=9.0 | | 09 19 21.1 -0.1 | |
| M20A | Sweetwater, Wa 68.35 53 P | SNR=9.0 | | 09 19 20.8 -0.4 | |
| P18A | Preston Nutter 68.41 55 P | SNR=9.0 | | 09 19 21.3 -0.3 | |
| T14A | Hurricane 68.41 59 P | SNR=9.0 | | 09 19 21.5 -0.2 | |
| S15A | Landfair 68.42 67 eP | SNR=9.0 | | 09 19 22.4 +0.5 | |
| LDFC | Landfair 68.42 67 eP | SNR=9.0 | | 09 19 23.0 +1.0 | |
| LDFC | comp=Z,57nm,0.9s,mb5.6 | SNR=9.0 | | 09 19 36.8 +1.8 | |
| W12A | Cal Nev Ari 68.47 61 P | SNR=9.0 | | 09 19 22.9 +0.9 | |
| DZM | Mont Dzumac 68.48 165 eP | SNR=9.0 | | 09 19 27.6 +5.6 | |
| DZM | comp=Z,176nm,1.4s,mb5.9 | SNR=9.0 | | 09 28 26.6 +6.1 | |
| DZM | comp=Z,2um,29.2s | SNR=9.0 | | 09 40 11.3 | |
| L21A | Rawlins 68.49 52 P | SNR=9.0 | | 09 19 21.9 -0.2 | |
| ULM | Lac du Bonnet 68.54 39 P | SNR=9.0 | | 09 19 21.4 -0.8 | |
| ULM | comp=Z,1.5nm,0.3s,baz=86,slow=1.5,SNR=4.2 | SNR=9.0 | | 09 47 35.3 | |
| ULM | comp=Z,2um,18.4s,MSS.3,baz=330,slow=38 | SNR=9.0 | | 09 51 49.0 | |
| ULM | Lac du Bonnet 68.54 39 eP | SNR=9.0 | | 09 19 21.3 -0.9 | |
| ULM | comp=Z,17nm,0.8s,mb5.0 | SNR=9.0 | | 09 19 23.6 +1.0 | |
| R16A | Teasdale 68.57 57 P | SNR=9.0 | | 09 19 22.9 +0.1 | |
| PFO | Pinyon Flat Ob 68.58 64 eP | SNR=9.0 | | 09 19 22.9 +0.1 | |
| PFO | Pinyon Flat Ob 68.58 64 eP | SNR=9.0 | | 09 19 36.6 +0.9 | |
| PFO | comp=Z,22nm,1.2s,mb5.0 | SNR=9.0 | | 09 19 22.9 +0.1 | |
| PFO | comp=Z,1um,21.0s,MSS.2 | SNR=9.0 | | 09 19 36.6 +0.9 | |
| PFO | Pinyon Flat Ob 68.58 64 eP | SNR=9.0 | | 09 19 22.9 +0.1 | |
| PFO | comp=Z,21nm,1.2s,mb4.9 | SNR=9.0 | | 09 19 36.6 +0.9 | |
| SRU | San Rafael 68.59 56 P | SNR=9.0 | | 09 19 22.4 -0.3 | |
| SRU | San Rafael 68.59 56 eP | SNR=9.0 | | 09 19 23.2 +0.5 | |
| SRU | comp=Z,45nm,0.9s,mb5.4 | SNR=9.0 | | 09 19 23.2 +0.5 | |
| O19A | Miners Draw (B 68.56 54 P | SNR=9.0 | | 09 19 22.8 -0.1 | |
| BELC | Belle Mtn. Jos 68.61 63 P | SNR=9.0 | | 09 19 22.5 -0.5 | |
| 109C | Camp Elliot, M 68.64 65 P | SNR=9.0 | | 09 19 23.6 +0.5 | |
| V13A | Grand Canyon W 68.66 60 P | SNR=9.0 | | 09 19 23.5 +0.3 | |
| M21A | Separation Pea 68.73 52 P | SNR=9.0 | | 09 19 22.7 -0.8 | |
| N20A | Spence Gulch, 68.74 53 P | SNR=9.0 | | 09 19 24.0 +0.3 | |
| RWWY | Rawlins 68.76 52 eP | SNR=9.0 | | 09 19 24.1 +0.3 | |
| U14A | Mt Trumbull 68.78 59 P | SNR=9.0 | | 09 19 24.1 +0.1 | |
| KAD | Karad 68.78 273 ePKP | SNR=9.0 | | 09 19 24.1 -0.1 | |
| Q18A | Rafter H Ranch 68.82 56 P | SNR=9.0 | | 09 19 24.2 +0.1 | |
| RSSD | Black Hills 68.84 48 eP | SNR=9.0 | | 09 19 24.0 -0.2 | |
| RSSD | comp=Z,49nm,0.8s,mb5.5 | SNR=9.0 | | 09 19 24.0 -0.2 | |
| RSSD | Black Hills 68.84 48 eP | SNR=9.0 | | 09 19 24.0 -0.2 | |
| RSSD | comp=Z,2um,20.0s,MSS.4 | SNR=9.0 | | 09 19 24.2 -0.3 | |
| RSSD | comp=Z,50nm,0.8s,mb5.5 | SNR=9.0 | | 09 19 24.6 +0.1 | |
| S16A | Weppner Ranch, 68.87 57 P | SNR=9.0 | | 09 19 24.6 +0.1 | |
| R17A | Hanksville Air 68.94 56 P | SNR=9.0 | | 09 19 25.1 +0.2 | |
| MAK | Makhachkala 68.96 310 P | SNR=9.0 | | 09 19 25.6 +0.6 | |
| MAK | 09 19 49.1 | SNR=9.0 | | 09 21 52.3 | |
| MAK | 09 28 29.8 +3.7 | SNR=9.0 | | 09 32 58.7 +7.4 | |
| MAK | comp=N,201nm,1.2s | SNR=9.0 | | | |
| MAK | comp=Z,1um,1.7s,mb6.6 | SNR=9.0 | | | |
| MAK | comp=Z,732nm,1.2s,mb5.5 | SNR=9.0 | | | |
| MAK | comp=E,232nm,1.4s | SNR=9.0 | | | |
| MAK | comp=E,5um,15.0s | SNR=9.0 | | | |
| MAK | comp=Z,7um,17.0s,MSS.0 | SNR=9.0 | | | |
| L22A | Ellis Ranch, M 68.96 51 P | SNR=9.0 | | 09 19 24.7 -0.3 | |
| IRM | Iron Mountain 69.04 62 P | SNR=9.0 | | 09 19 25.9 +0.3 | |
| BAR | Barrett 69.05 64 eP | SNR=9.0 | | 09 19 26.4 +0.7 | |
| P19A | Cripple Cowboy 69.14 54 P | SNR=9.0 | | 09 19 25.7 -0.4 | |
| IZAR | Zarasai 69.14 330 eP | SNR=9.0 | | 09 19 25.7 -0.1 | |
| NB2 | NORSAR Subarra 69.15 340 P | SNR=9.0 | | 09 19 25.1 -0.7 | |
| NB2 | NORSAR Subarra 69.15 340 P | SNR=9.0 | | 09 19 25.1 -0.7 | |
| NB2 | NORSAR Subarra 69.15 340 P | SNR=9.0 | | 09 19 25.0 -0.8 | |
| NB2 | NORSAR Subarra 69.15 340 P | SNR=9.0 | | 09 19 25.0 -0.8 | |
| NOA | NORSAR Array B 69.15 340 P | SNR=9.0 | | 09 19 25.5 -0.3 | |
| NOA | comp=Z,144nm,0.7s,mb6.0,baz=30,slow=6.4,SNR=354 | SNR=9.0 | | 09 54 36.3 | |
| NOA | comp=Z,3um,18.4s,MSS.6,baz=15,slow=40 | SNR=9.0 | | 09 19 25.5 -0.3 | |
| NOA | comp=Z,144nm,0.7s | SNR=9.0 | | 09 19 26.1 -0.4 | |
| BC3 | Big Chuckwall 69.18 63 P | SNR=9.0 | | 09 19 25.8 -0.8 | |
| N21A | Black Mountain 69.21 53 P | SNR=9.0 | | 09 19 26.5 -0.2 | |
| W13A | Hualapai Mount 69.21 61 P | SNR=9.0 | | 09 19 26.5 +0.1 | |
| O20A | White River Ci 69.22 54 P | SNR=9.0 | | 09 19 26.8 +0.1 | |
| IDID | Didziasali 69.31 330 eP | SNR=9.0 | | 09 19 26.9 0.0 | |
| U15A | North Rim 69.31 59 P | SNR=9.0 | | 09 19 27.1 -0.1 | |
| HFAO | Hagfors New Ar 69.32 339 P | SNR=9.0 | | 09 19 26.9 -0.1 | |
| ISAL | Salakas 69.32 330 eP | SNR=9.0 | | 09 19 28.5 | |
| V14A | Boeillus Ran 69.34 60 P | SNR=9.0 | | 09 19 27.6 +0.1 | |

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| NAO01 | NORSAR Array S 69.40 340 eP | SNR=9.0 | | 09 19 26.4 -1.0 | |
| NAO01 | comp=Z,194nm,1.0s,mb6.0 | SNR=9.0 | | | |
| NAO01 | LR | SNR=9.0 | | | |
| S17A | Blair Ridge (B 69.40 57 P | SNR=9.0 | | 09 19 26.7 -1.1 | |
| T16A | Glen Canyon Da 69.41 58 P | SNR=9.0 | | 09 19 27.0 -0.9 | |
| Q19A | Hogan Spring (69.42 55 P | SNR=9.0 | | 09 19 27.0 -1.0 | |
| DVTC | Desert V Tower 69.43 64 P | SNR=9.0 | | 09 19 27.6 -0.4 | |
| R18A | Canyonlands Na 69.44 56 P | SNR=9.0 | | 09 19 26.8 -1.2 | |
| IIGN | Ignalina 69.46 330 eP | SNR=9.0 | | 09 19 27.9 0.0 | |
| IIGN | comp=Z,88nm,1.1s,mb5.6 | SNR=9. | | | |

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|-------|---|------------|------|-----------------|-----------------|
| KIV | | e | | 09 22 09.6 | |
| KIV | | eS | S | 09 28 49.6 +1.9 | |
| KIV | comp=Z,354nm,3.5s | pmax | pmax | | |
| KIV | comp=Z,823nm,1.1s,mb6.6 | pmax | pmax | | |
| KIV | comp=Z,8um,18.0s,MS6.0 | MLR | MLR | | |
| KIV | comp=Z,823nm,1.0s,mb6.6 | LR | LR | 09 19 37.2 +0.9 | |
| KIV | comp=Z,8um,19.0s,MS6.0 | Kislovodsk | P | 09 19 36.8 +0.5 | |
| R21A | Cimarron | 70.81 55 | UP | P | 09 19 35.9 -0.5 |
| Q22A | Crested Butte | 70.84 54 | UP | P | 09 19 35.9 -0.7 |
| Y15A | Casa Rosa Ranch | 70.93 61 | UP | P | 09 19 37.3 0.0 |
| ISCO | Ildaho Springs | 70.93 52 | EP | P | 09 19 38.1 +1.0 |
| ISCO | comp=Z,55nm,1.1s,mb5.4 | pmax | pmax | | |
| ISCO | comp=Z,367nm,22.0s,MS4.6 | MLR | MLR | | |
| ISCO | Ildaho Springs | 70.93 52 | EP | P | 09 19 38.1 +0.9 |
| ISCO | comp=Z,55nm,1.1s,mb5.4 | LR | LR | | |
| Z14A | Wintersburg | 70.94 62 | UP | P | 09 19 36.7 -0.6 |
| ASK | Asky | 70.98 343 | UP | P | 09 19 36.2 -0.9 |
| T19A | Beclabito | 70.99 57 | UP | P | 09 19 37.4 -0.2 |
| ZEI | Tsey | 71.01 312 | EP | P | 09 19 37.4 -0.2 |
| ZEI | comp=Z,378nm,1.1s,mb6.2 | pmax | pmax | | |
| ZEI | comp=N,404nm,1.6s | pmax | pmax | | |
| ZEI | comp=E,359nm,1.2s | pmax | pmax | | |
| MVCO | Mesa Verde | 71.04 56 | UP | P | 09 19 37.3 -0.5 |
| MVCO | Mesa Verde | 71.04 56 | EP | P | 09 19 37.8 -0.1 |
| MVCO | comp=E,60nm,1.2s,mb5.4 | LR | LR | | |
| BER | Bergen | 71.05 343 | UP | P | 09 19 37.6 +0.1 |
| BER | BER | 71.05 343 | UP | P | 09 28 50.8 +0.9 |
| BER | BER | 71.05 343 | UP | P | 09 56 45.1 |
| P23A | Jefferson | 71.10 53 | UP | P | 09 19 38.7 +0.6 |
| PALK | Pallekele | 71.10 261 | P | P | 09 19 38.5 0.0 |
| PALK | Pallekele | 71.10 261 | UP | P | 09 19 39.1 +0.6 |
| PALK | Pallekele | 71.10 261 | EP | P | 09 19 38.3 -0.2 |
| PALK | Pallekele | 71.10 261 | P | P | 09 19 36.6 -1.9 |
| DGRG | David-gareji | 71.14 310 | P | P | 09 19 39.1 +0.7 |
| S21A | Coal Bank Pass | 71.15 55 | UP | P | 09 19 38.2 -0.3 |
| X16A | Lo Mia Camp | 71.17 60 | UP | P | 09 19 38.7 0.0 |
| ODD1 | Odda | 71.20 342 | UP | P | 09 19 38.7 +0.3 |
| ODD1 | comp=Z,230nm,1.2s,mb5.0 | Amb | AMB | | |
| ODD1 | Odda | 71.20 342 | UP | P | 09 19 38.7 +0.3 |
| V18A | Granado | 71.21 58 | UP | P | 09 19 38.7 -0.1 |
| U19A | Dine' College | 71.25 57 | UP | P | 09 19 39.0 -0.1 |
| MTA | Mtatsminda | 71.29 311 | P | P | 09 19 39.9 +0.7 |
| TBLG | Delisi | 71.29 311 | EP | P | 09 19 40.6 +1.3 |
| TBLG | Delisi | 71.29 311 | EP | P | 09 19 40.6 +1.3 |
| KEH | Kehvi | 71.31 312 | P | P | 09 19 39.1 -0.3 |
| R22A | Saguache, Gunn | 71.36 54 | UP | P | 09 19 40.1 +0.3 |
| ONI | Oni | 71.37 312 | P | P | 09 19 40.7 +1.0 |
| I14A | Black Gap (USA) | 71.39 62 | UP | P | 09 19 39.6 -0.4 |
| GOR | Gori | 71.45 311 | P | P | 09 19 41.2 +0.9 |
| RMQ | Roma | 71.46 182 | EP | P | 09 19 41.8 +1.6 |
| Z15A | Gila River Ind | 71.48 61 | UP | P | 09 19 40.4 -0.2 |
| Y16A | Circle Bar Ranch | 71.50 60 | UP | P | 09 19 40.7 0.0 |
| P24A | Kohler Place | 71.52 52 | UP | P | 09 19 40.5 -0.2 |
| SUW | Suwalki | 71.60 331 | EP | P | 09 19 40.0 -0.9 |
| SUW | comp=Z,600nm,1.1s,mb6.4 | eP | pP | 09 19 48.4 -5.5 | |
| SUW | SUW | 71.60 331 | EP | pP | 09 19 57.6 -2.4 |
| SUW | SUW | 71.60 331 | EP | pP | 09 28 55.6 -1.0 |
| SUW | SUW | 71.60 331 | EP | pP | 09 29 38.8 |
| SUW | SUW | 71.60 331 | EP | pP | 09 56 53.9 |
| SUW | Suwalki | 71.60 331 | EP | pP | 09 19 40.0 -0.9 |
| SUW | SUW | 71.60 331 | EP | pP | 09 19 48.4 -5.5 |
| SUW | SUW | 71.60 331 | EP | pP | 09 19 57.6 -2.4 |
| SUW | SUW | 71.60 331 | EP | pP | 09 28 55.6 -0.9 |
| SUW | SUW | 71.60 331 | EP | pP | 09 29 38.8 |
| SUW | SUW | 71.60 331 | EP | pP | 09 56 53.9 |
| X17A | Forest Lakes | 71.61 60 | UP | P | 09 19 41.1 -0.2 |
| S22A | 4UR Ranch, Cre | 71.65 55 | UP | P | 09 19 40.9 -0.6 |
| BL5S | Blasjo | 71.68 342 | UP | P | 09 19 41.4 +0.1 |
| BL5S | comp=Z,176nm,1.4s,mb5.8 | Amb | AMB | | |
| BL5S | Blasjo | 71.68 342 | UP | P | 09 19 41.4 +0.1 |
| T21A | Navajo Lake | 71.72 56 | UP | P | 09 19 42.1 -0.1 |
| Q24A | Divide | 71.77 53 | UP | P | 09 19 41.9 -0.3 |
| 115A | Sonoran Desert | 71.83 62 | UP | P | 09 19 43.1 +0.4 |
| Z16A | Peralta Trail | 71.90 61 | UP | P | 09 19 43.2 +0.1 |
| P25A | Willow Gulch B | 71.94 52 | UP | P | 09 19 43.0 -0.2 |
| W19A | Sanders | 71.94 58 | UP | P | 09 19 42.6 -0.7 |
| AKASG | Malin Array Be | 71.97 325 | P | P | 09 19 42.2 -1.0 |
| AKASG | comp=Z,47nm,0.3s,mb5.8,slow=36,slow=6.1,SNR=326 | S | S | | |
| AKASG | comp=Z,0.3nm,0.3s,slow=40,slow=12,SNR=4.6 | LR | LR | | |
| AKASG | Malin Array Be | 71.97 325 | P | P | 09 54 01.3 |
| AKASG | AKASG | 71.97 325 | P | P | 09 19 42.2 -1.0 |
| AKASG | AKASG | 71.97 325 | P | P | 09 28 57.7 -3.2 |
| AKASG | comp=Z,47nm,0.4s | MLR | MLR | | |
| AKASG | comp=Z,8um,18.5s | MLR | MLR | | |
| AKAB | Malin Array Si | 71.97 325 | EP | P | 09 19 41.9 -1.3 |
| Z14A | Organ Pipe Nat | 71.97 63 | UP | P | 09 19 43.0 -0.5 |
| KIEV | Kiev | 71.98 325 | EP | P | 09 19 42.0 -1.3 |
| KIEV | comp=Z,409nm,1.3s,mb6.2 | pmax | pmax | | |
| KIEV | comp=Z,8um,19.0s,MS6.0 | MLR | MLR | | |
| KIEV | Kiev | 71.98 325 | EP | P | 09 19 42.0 -1.3 |
| KIEV | comp=Z,409nm,1.3s,mb6.2 | LR | LR | | |
| KIEV | comp=Z,8um,19.0s,MS6.0 | LR | LR | | |
| Y17A | Roosevelt | 72.02 60 | UP | P | 09 19 43.7 -0.1 |
| V20A | Brimhall | 72.02 57 | UP | P | 09 19 43.2 -0.6 |
| MBWA | Marble Bar | 72.04 211 | EP | P | 09 19 43.4 -0.4 |
| MBWA | Marble Bar | 72.04 211 | EP | P | 09 19 42.9 -0.9 |
| MBWA | comp=Z,280nm,1.6s,mb5.9 | e | pP | 09 19 57.4 +0.5 | |
| MBWA | comp=Z,914nm,20.0s,MS5.0 | LR | LR | | |
| MBWA | Marble Bar | 72.04 211 | P | sP | 09 19 58.3 -3.6 |
| U21A | Nagezezi | 72.07 56 | UP | P | 09 19 43.9 -0.2 |
| OGNE | Ogallala | 72.10 50 | EP | P | 09 19 44.7 +0.5 |
| OGNE | comp=Z,186nm,0.9s,mb6.0 | LR | LR | | |

| | | | | | |
|-------|-------------------------|-----------|------|----|-----------------|
| T22A | Edith | 72.11 55 | UP | P | 09 19 43.4 -0.9 |
| KMY | Karmoy | 72.13 342 | UP | P | 09 19 44.2 +0.2 |
| KMY | comp=Z,200nm,1.2s,mb5.9 | AMB | AMB | | |
| KMY | Karmoy | 72.13 342 | UP | P | 09 19 44.2 +0.2 |
| EYMN | Ely | 72.19 39 | EP | P | 09 19 43.5 -1.0 |
| EYMN | comp=Z,84nm,1.1s,mb5.6 | LR | LR | | |
| 116A | Eloy | 72.25 62 | UP | P | 09 19 44.8 -0.4 |
| STAV | Stavanger | 72.29 342 | EP | P | 09 19 45.0 +0.1 |
| STAV | comp=Z,194nm,1.3s,mb5.9 | AMB | AMB | | |
| STAV | Stavanger | 72.29 342 | EP | P | 09 19 45.0 +0.1 |
| R24A | Sanders Place | 72.30 53 | UP | P | 09 19 44.6 -0.8 |
| Q25A | Bedland, Calha | 72.31 52 | UP | P | 09 19 44.8 -0.6 |
| GNI | Garni | 72.40 310 | EP | P | 09 19 47.5 +1.5 |
| GNI | Garni | 72.40 310 | LR | LR | 09 58 19.4 |
| GNI | Garni | 72.40 310 | UP | P | 09 19 47.8 +1.9 |
| GNI | comp=Z,4um,21.0s | MLR | MLR | | |
| GNI | Garni | 72.40 310 | EP | P | 09 19 47.9 +2.0 |
| GNI | comp=Z,602nm,1.1s,mb6.4 | LR | LR | | |
| GNI | Garni | 72.40 310 | P | P | 09 19 47.8 +1.9 |
| SDCO | Great Sand Dun | 72.41 54 | EP | P | 09 19 46.0 -0.1 |
| SDCO | comp=Z,26nm,1.2s,mb5.0 | LR | LR | | |
| Y18A | Canyon Day Jun | 72.46 60 | UP | P | 09 19 46.2 -0.2 |
| W20A | Ramat | 72.46 58 | UP | P | 09 19 45.9 -0.5 |
| X19A | St. Johns | 72.47 59 | UP | P | 09 19 46.3 -0.2 |
| V21A | Milan | 72.51 57 | UP | P | 09 19 46.7 0.0 |
| LRW | Lerwick | 72.52 346 | P | P | 09 19 45.9 -0.3 |
| LRW | comp=Z,202nm,1.7s,mb5.8 | AMB | AMB | | |
| LRW | LRW | 72.52 346 | P | P | 09 56 21.4 |
| LRW | LRW | 72.52 346 | EP | P | 09 19 45.9 -0.3 |
| LRW | LRW | 72.52 346 | EP | P | 09 19 46.9 |
| LRW | LRW | 72.52 346 | EP | P | 09 56 21.4 |
| Z17A | San Carlos Hig | 72.52 60 | UP | P | 09 19 46.6 -0.2 |
| SOC | Sochi | 72.58 315 | UP | P | 09 19 47.2 +0.3 |
| SOC | SOC | 72.58 315 | UP | pP | 09 19 57.5 -2.5 |
| SOC | SOC | 72.58 315 | UP | pP | 09 22 28.6 |
| SOC | SOC | 72.58 315 | UP | pP | 09 24 09.4 |
| SOC | SOC | 72.58 315 | UP | pP | 09 29 04.9 -3.2 |
| SOC | SOC | 72.58 315 | UP | pP | 09 29 46.4 |
| U22A | Llaves | 72.58 56 | P | P | 09 19 48.2 +1.2 |
| T23A | Casias Ranch | 72.59 55 | UP | P | 09 19 47.5 +0.4 |
| S24A | Houman Ranch | 72.65 54 | UP | P | 09 19 48.1 +0.6 |
| T216A | Three Points | 72.79 62 | UP | P | 09 19 48.0 -0.4 |
| ANN | Anapa | 72.81 317 | UP | P | 09 19 47.2 -1.1 |
| ANN | ANN | 72.81 317 | UP | pP | 09 19 57.4 -4.0 |
| ANN | ANN | 72.81 317 | UP | pP | 09 20 03.2 +1.8 |
| ANN | ANN | 72.81 317 | UP | pP | 09 22 29.5 |
| ANN | ANN | 72.81 317 | UP | pP | 09 24 15.3 |
| ANN | ANN | 72.81 317 | UP | pP | 09 29 12.1 +1.4 |
| ANN | comp=Z,259nm,0.8s,mb6.2 | pmax | pmax | | |
| ANN | ANN | 72.81 317 | UP | pP | 09 19 47.1 -1.2 |
| ANN | ANN | 72.81 317 | UP | pP | 09 19 46.3 -2.2 |
| Y19A | Nutrisio | 72.81 59 | UP | P | 09 19 47.1 -1.2 |
| 117A | Oracle | 72.84 61 | UP | P | 09 19 48.1 -0.6 |
| TRD | Trivandrum | 72.85 265 | EX | x | 09 19 53.5 |
| V22A | San Miguel Ran | 72.86 56 | UP | P | 09 19 47.2 -1.6 |
| X20A | Quemado | 72.86 58 | UP | P | 09 19 49.0 +0.2 |
| ECSD | EROS Data Cent | 72.91 45 | EP | P | 09 19 48.0 -0.9 |
| ECSD | comp=E,104nm,1.1s,mb5.7 | LR | LR | | |
| DIGO | Kars | 72.95 310 | P | P | 09 19 50.7 +1.4 |
| KARS | Kars | 72.96 311 | EP | P | 09 19 50.9 +1.7 |
| TUC | Tucson | 72.99 61 | EP | P | 09 19 50.2 +0.6 |
| TUC | TUC | 72.99 61 | EP | pP | 09 20 03.4 +0.7 |
| TUC | comp=Z,211nm,0.9s,mb5.1 | pmax | pmax | | |
| TUC | comp=Z,1um,20.0s,MS5.1 | MLR | MLR | | |
| TUC | Tucson | 72.99 61 | EP | P | 09 19 50.2 +0.6 |
| TUC | comp=Z,211nm,0.9s,mb5.1 | e | LR | | |
| TUC | TUC | 72.99 61 | EP | pP | 09 20 03.4 +0.7 |
| U23A | El Rito | 73.00 55 | UP | P | 09 19 49.9 +0.3 |
| S25A | Ribeiro Cordova | 73.08 53 | UP | P | 09 19 49.5 -0.5 |
| BCA | Borcka | 73.14 312 | EP | P | 09 19 50.5 +0.2 |
| ARTV | Artvin | 73.17 312 | EP | P | 09 19 51.3 +0.2 |
| DBOC | Borcka | 73.19 312 | EP | P | 09 19 51.1 +0.5 |
| DAGI | Agillar | 73.25 312 | EP | P | 09 19 52.0 +1.1 |
| Z19A | T-Link Ranch | 73.26 60 | UP | P | 09 19 51.0 -0.1 |
| 118A | Hornack Ranch | 73.27 60 | UP | P | 09 19 50.7 -0.6 |
| BSD | Bornholm Skovb | 73.32 335 | UP | P | 09 19 50.4 -0.7 |
| BSD | comp=Z,170nm,1.0s,mb5.9 | pmax | pmax | | |
| BSD | comp=Z,6um,20.0s,MS5.9 | MLR | MLR | | |
| BSD | Bornholm Skovb | 73.32 335 | UP | P | 09 19 50.4 -0.7 |
| BSD | Bornholm Skovb | 73.32 335 | UP | P | 09 19 50.4 -0.7 |
| BSD | comp=Z,171nm,1.0s,mb5.9 | LR | LR | | |
| 217A | Green Valley | 73.34 62 | UP | P | 09 19 50.8 -0.8 |
| X21A | Alamocita Cree | 73.36 58 | UP | P | 09 19 52.1 +0.3 |
| Y20A | Horse Springs | 73.37 59 | UP | P | 09 19 52.6 +0.8 |
| DYDN | Diyadin | 73.40 310 | UP | P | 09 19 54.0 +2.2 |
| V23A | Ortiz Mt. (NFS) | 73.41 56 | UP | P | 09 19 52.1 +0.1 |
| DBAD | Bademkaya | 73.41 312 | EP | P | 09 19 52.8 +0.9 |
| T25A | Trinidad | 73.46 54 | UP | P | 09 19 51.8 -0.4 |
| U24A | Moreno Valley | 73.47 55 | UP | P | 09 19 52.1 -0.2 |
| W22A | Albuquerque | 73.47 57 | UP | P | 09 19 52.0 -0.4 |
| DDEM | Demirkent | 73.47 312 | P | P | 09 19 53.0 +0.7 |
| COP | Copenhagen | 73.53 337 | UP | P | 09 19 52.1 -0.2 |
| COP | comp=Z,77nm,1.0s,mb5.6 | pmax | pmax | | |
| COP | comp=Z,2um,20.0s,MS5.3 | MLR | MLR | | |
| COP | Copenhagen | 73.53 337 | UP | P | 09 19 52.1 -0.2 |
| COP | comp=Z,77nm,1.0s,mb5.6 | LR | LR | | |
| COP | comp=Z,2um,20.0s,MS5.4 | LR | LR | | |
| COP | Copenhagen | 73.53 337 | UP | | |

Table with columns: ECH, Echery, 81.67 337 eP, P, 09 20 37.5 -0.4, etc. Includes stations like Parma, Feichten, Neurokopi, Kavala, Damulles, etc.

Table with columns: IZM, Izmir, 82.58 319 eP, P, 09 20 44.5 +1.7, etc. Includes stations like Stuetta, Malga Bissina, Elmali, etc.

Table with columns: NWAOW, Saint Sault, 83.72 338 fP, e, pP, 09 21 01.9 +0.2, etc. Includes stations like Saint Sault, Saint Gilles, etc.

Table with columns: Station Name, Frequency, Power, and various status codes. Includes stations like GRTK, JTS, SDDR, TAM, KMBO, etc.

Table with columns: Station Name, Frequency, Power, and various status codes. Includes stations like MAIT, CPUP, CPUP, CPUP, etc.

Table with columns: Station Name, Frequency, Power, and various status codes. Includes stations like FRF, BNI, BNI, LND, GROG, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HYF, VISV, BOJS, BOJANCI, CSOR, ETOS.

ISC 06 09:30:51.7-0.8,45.03N-0.04-14.65E-0.08,h10km,n7, r150/11,1C,Northeastern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NVLJ, KNDS, BOJANCI, VISV, PDKS, VRE, DRE.

IDC 06 09:37:49.3-0.7,30.97N-103.53E,h0km,mb4.1/17, mb1.4,2/18,mb1mx4.1/28,mbtmp4.1/18,ML2.5/1,Error ellipse: s-maj=25.4km s-min=12.9km az=47.0

ISCJB 06 09:37:51.9-0.8,31.07N-104.103.75E-0.05,h27km,4km, mb4.1/24,Error ellipse: s-maj=7.6km s-min=5.8km az=23.9

BUI 06 09:37:51.8,31.09N-103.79E,h15km,mb5.3/6,mb4.3/12, ML4.3/19,MS4.0/2,Ms7.4/24

NEIC 06 09:37:51.4-0.5,31.01N-103.56E,h10km,mb4.3/11,Error ellipse: s-maj=13.1km s-min=8.9km az=84.0

ISC 06 09:37:52.4-0.6,31.12N-103.103.71E-0.05,h14km,4km, n58,r150/70,mb4.1/24,1C,Sichuan

Main table of station data for the 6d 9h period, including codes, station names, azimuths, phase IDs, times, and residuals.

Table of station data for the 2008 JUL period, including codes, station names, azimuths, phase IDs, times, and residuals.

IDC 06 09:46:06.1-0.8,56.30S-26.95W,h101km,6km,mb4.2/7, mb1.4,3/8,mb1mx4.0/15,mbtmp4.2/8,Error ellipse: s-maj=23.0km s-min=15.6km az=65.0

NEIC 06 09:46:08.2-0.7,56.29S-26.92W,h121km,31km,mb4.6/6, Error ellipse: s-maj=9.1km s-min=10.1km az=57.0

ISC 06 09:46:02.8-0.5,56.35S-0.1-26.9W-0.3,h66km,49km,n33, r086/15,mb4.5/9,South Sandwich Islands region

Main table of station data for the 2008 JUL period, including codes, station names, azimuths, phase IDs, times, and residuals.

Main table of station data for the 2008 JUL period, including codes, station names, azimuths, phase IDs, times, and residuals.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like MJAR, JHJ, MDJ, ZEA, SEY, etc.

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

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like AAK, ODAN, JIRN, EKS2, etc.

Table of astronomical observations for 6SD 9h, listing station names, object names, coordinates, and observation times.

Table of astronomical observations for 2008 JUL, listing station names, object names, coordinates, and observation times.

Table of astronomical observations for 266, listing station names, object names, coordinates, and observation times.

Summary table for JMA 06:09:54:45.8:1.0, 45:49N x 151:09E, h30km, M4.4, Kuril Islands, listing station names, coordinates, and observation times.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Rows include JNK, JAK, JTKR, JAR, JMP, JOB, JKB, JKM, JMS.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Rows include BDHA, DHBA, DHBB, DHBJ, HAJJ, HAJJ, HAJJ, HAJJ, HAJJ, HAJJ.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Rows include Y15A, S12A, U13A, W14A, 217A, Q11A, NLWA, V14A, X15A, TUC, T13A, 117A, R12A, 318A, Y16A, U14A, 218A, J08A, O11A, X16A, Y17A, T14A, M10A, V15A, 319A, N11A, W16A, 118A, U15A, Q13A, X17A, L10A, 219A, M11A, T15A, K10A, P13A, Y18A, G08A, 320A, 119A, Q14A, L11A, 220A, V17A, O13A, M12A, K11A, X18A, T16A, R15A, 120A, P14A, Y19A, L12A, G09A, MSU, BMO, S16A, Z20A, Q15A, M13A, X17A, U17A, H10A, T17A, V18A, K12A, H11A, D08A, R16A, G10A, 121A, S17A, Y20A, U18A, F10A, H11A, I12A, X20A, K13A, Z21A, G11A, T18A.

IDC 06 10:06:53.6:1.6,2:18N:126.47E,h0km,mb3.7/4, mb1 3.9/4,mb1mx3.6/20,mbtmp3.7/4,Error ellipse: s-maj=105.8km s-min=24.2km az=69.0,Northern Molucca Sea

ISC/JB 06 10:23:05.6:0.9,17:76S:0:10:177:32W:0:07, h318km,9km,mb4.3/42,Error ellipse: s-maj=17.6km s-min=5.5km az=148.7

ISC/JB 06 10:23:06.0:1.0,17:76S:0:10:177:32W:0:06, h314km,10km,h323km,2.9km,pP,N259,0:065/259, mb4.3/42,97C-96D,Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Rows include FITZ, WRA, WRA, ASAR, MKAR.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Rows include AFI, AFI, AFI, AFI, URZ, URZ, RPZ, AIMS, ARMA, ARMA, CNB, CTA, CTA, CTA, CMA, TO, STKA, STKA, STKA, STKA, WRAP, WRA, ASAR, ASAR, FORT, FITZ, MBWA, QSPA, EDW2, MONP, ISA, ISA, CMB, BELC, MPMC, GSC, GSC, HEC, BC3, WCN, GLA, GMRC, IRM, FURC, NVAR, NJ2, NJ2, 113A, U10A, Z13A, V11A, W12A, Y13A, K05A, 114A, S10A, X13A, Z14A, H04A, R10A, W13A, S11A, Y14A, T11A, U12A, 216A, 116A, X14A, R11A.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Rows include Y15A, S12A, U13A, W14A, 217A, Q11A, NLWA, V14A, X15A, TUC, T13A, 117A, R12A, 318A, Y16A, U14A, 218A, J08A, O11A, X16A, Y17A, T14A, M10A, V15A, 319A, N11A, W16A, 118A, U15A, Q13A, X17A, L10A, 219A, M11A, T15A, K10A, P13A, Y18A, G08A, 320A, 119A, Q14A, L11A, 220A, V17A, O13A, M12A, K11A, X18A, T16A, R15A, 120A, P14A, Y19A, L12A, G09A, MSU, BMO, S16A, Z20A, Q15A, M13A, X17A, U17A, H10A, T17A, V18A, K12A, H11A, D08A, R16A, G10A, 121A, S17A, Y20A, U18A, F10A, H11A, I12A, X20A, K13A, Z21A, G11A, T18A.

ROM 06 10:09:13.6:0.2,41:88N:15:61E,h3km,2km,Md2.8/17, Md2.6/17,Error ellipse: s-maj=3.3km s-min=1.5km az=16.0

ISC/JB 06 10:23:07.2:2.1,17:77S:177:21W,h327km,22km, mb3.9/11,mb1.4/12,mb1mx3.8/20,mbtmp3.9/12,Error ellipse: s-maj=20.0km s-min=11.3km az=141.0

NEIC 06 10:23:07.3:1.0,17:74S:177:23W,h328km,10km, mb4.2/24,Error ellipse: s-maj=15.4km s-min=5.7km az=146.0

ISC 06 10:09:15.0:0.5,41:83N:0:04:15:56E,0:03,h0km,5km, n53,0:064/67,Southern Italy

ISC 06 10:23:06.6:1.0,17:59S:0:09:177:32W:0:06, h314km,10km,h323km,2.9km,pP,N259,0:065/259, mb4.3/42,97C-96D,Fiji Islands region

ISC 06 10:23:06.0:1.0,17:76S:0:10:177:32W:0:07, h318km,9km,mb4.3/42,Error ellipse: s-maj=17.6km s-min=5.5km az=148.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Rows include SGRT, SGRT, RGNG, RGNG, MSAG, MSAG, FG2, FG2, MS1, MS1, CIGN, CIGN, MOCO, FG5, FG5, FRES, FRES, SGTA, SGTA, SACR, SACR, BSSO, BSSO, PSB1, PSB1, CAFE, CAFE, VULT, VULT, MRVN, MRVN, CDT, CDT, PALZ, PALZ, SNAL, SNAL, MIDA, MIDA, LPEL, LPEL, MRVC, MRVC, AMUR, AMUR, BAI, BAI, MIGL, MIGL, NOCI, NOCI, NOCI, NOCI, PE1, PE1, STON, STON, STON, STON, NVLJ, NVLJ, NVLJ, NVLJ, CSEM, CSEM, DHMR, DHMR.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Rows include AFI, AFI, AFI, AFI, URZ, URZ, RPZ, AIMS, ARMA, ARMA, CNB, CTA, CTA, CTA, CMA, TO, STKA, STKA, STKA, STKA, WRAP, WRA, ASAR, ASAR, FORT, FITZ, MBWA, QSPA, EDW2, MONP, ISA, ISA, CMB, BELC, MPMC, GSC, GSC, HEC, BC3, WCN, GLA, GMRC, IRM, FURC, NVAR, NJ2, NJ2, 113A, U10A, Z13A, V11A, W12A, Y13A, K05A, 114A, S10A, X13A, Z14A, H04A, R10A, W13A, S11A, Y14A, T11A, U12A, 216A, 116A, X14A, R11A.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Rows include Y15A, S12A, U13A, W14A, 217A, Q11A, NLWA, V14A, X15A, TUC, T13A, 117A, R12A, 318A, Y16A, U14A, 218A, J08A, O11A, X16A, Y17A, T14A, M10A, V15A, 319A, N11A, W16A, 118A, U15A, Q13A, X17A, L10A, 219A, M11A, T15A, K10A, P13A, Y18A, G08A, 320A, 119A, Q14A, L11A, 220A, V17A, O13A, M12A, K11A, X18A, T16A, R15A, 120A, P14A, Y19A, L12A, G09A, MSU, BMO, S16A, Z20A, Q15A, M13A, X17A, U17A, H10A, T17A, V18A, K12A, H11A, D08A, R16A, G10A, 121A, S17A, Y20A, U18A, F10A, H11A, I12A, X20A, K13A, Z21A, G11A, T18A.

CSEM 06 10:11:43.0,12:40N:44:44E,h11km,ML3.9,After DHMR

DHMR 06 10:11:43.0:1.1,12:40N:44:44E,h12km,14km,ML3.9, Western Arabian Peninsula

DHMR 06 10:11:43.0:1.1,12:40N:44:44E,h12km,14km,ML3.9, Western Arabian Peninsula

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

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

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like KHC, KXK, TXAR, etc.

ISCJB 06 10:32:02.0.4.38:15N.0:02:38:56E:0:03,h2km,g6km, Error ellipse: s-maj=3.4km s-min=3.4km az=142.8

ISK 06 10:32:01.9.38:15N:38:58E:h6km,MD3.0 DDA 06 10:32:01.9.38:15N:38:55E:h2km,1km,MD3.0

CSEM 06 10:32:02.1.0.2.38:15N:38:58E:h2km,MD3.0, Error ellipse: s-maj=4.1km s-min=3.5km az=128.0

ISC 06 10:32:02.7.0.4.38:16N:0:02:38:56E:0:03,h6km,5km,n34,c084/52,Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Lists various stations like MYA, ELZG, AKCD, etc.

BUJ 06 10:43:12.5,32:28N:119:11E,h19km,ML3.7/9,1C, Southeastern China

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Lists stations like NJ2, SSE, TIA, etc.

BUJ 06 10:47:00.5,23:06S:180:00E,h508km,mB4.7/4,mb4.6/12 IDC 06 10:47:02.8:1.1,23:53S:179:96W,h519km,1km,

NEIC 06 10:47:02.6:0.7,23:56S:179:95E,h508km,9km,mb4.5/50, Error ellipse: s-maj=15.8km s-min=13.0km az=132.0

ISCJB 06 10:47:03.5:0.8,23:82S:0:06:179:96E:0:05, h537km,10km,mb4.5/66, Error ellipse: s-maj=9.2km

ISC 06 10:47:04.5:0.9,23:289S:0:07:179:99W:0:05, h540km,11km,h501km,7.0km:p-P,n405,c064/384,

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Lists stations like RAO, AFI, URZ, etc.

Main table with columns: Call Sign, Name, Frequency, Power, Mode, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Lists stations like MTSU, STKA, ASAR, etc.

Main table with columns: Call Sign, Name, Frequency, Power, Mode, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Lists stations like I16A, Z15A, T11A, etc.

Table with 5 columns: PPM, Station Name, Azimuth, Elevation, and other parameters. Includes Popocatepetl and other stations.

BUJ 06 10:58:58.1, 43.144N, 81.63E, h15km, ML2.9/6
NNC 06 10:58:54.7, 42.4389N, 81.11E, h0km, mb2.7, mpv3.4,
7C-2D, Error ellipse: s-maj=59.0km s-min=15.5km
az=138.0, Northern Xinjiang

Table with 5 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes Makanchi Array, Tokmak 2, etc.

ISCBJ 06 11:08:29.0, 39.833N, 0.02:25.57E, 0.02, h1km, 4km,
Error ellipse: s-maj=3.7km s-min=2.7km az=20.9

ATH 06 11:08:30.4, 39.833N, 25.61E, h21km, 2km, MD3.4/6
CSEM 06 11:08:30.2, 0.1, 39.82N, 25.54E, h2km, MD3.4, Error
ellipse: s-maj=3.5km s-min=3.0km az=16.0

DDA 06 11:08:30.4, 39.80N, 25.63E, h2km, 1km, MD3.4
NEIC 06 11:08:30.6, 39.82N, 25.61E, h19km, MD3.4(ATH), After
ATH.

THE 06 11:08:31.0, 39.83N, 25.61E, h11km, 1km, ML3.5/7, Error
ellipse: s-maj=2.1km s-min=1.0km az=212.0

ISK 06 11:08:32.4, 39.88N, 25.80E, h4km, MD3.4
ISC 06 11:08:30.2, 0.5, 39.83N, 0.02:25.53E, 0.02, h4km, 3km,
n111, 09:9N/145.5D, Aegean Sea

Main table with 5 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Lists numerous stations like LIA, BOZC, GADA, etc.

Table with 5 columns: EDRB, DURS, DURS, LKR, LKR, LKR, etc. Lists stations and their parameters.

Table with 5 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes DJA 06 11:16:08, 3.57S, 127.21E, etc.

ISCBJ 06 11:22:30.6, 0.5, 15.96N, 0.06:145.52E, 0.08,
h522km, 7km, mb3.9/28, Error ellipse: s-maj=12.1km
s-min=9.7km az=165.8

IDC 06 11:22:31.3, 1.2, 15.98N, 145.64E, h520km, 14km,
mb3.3/17, mb1 3.5/20, mb1mx3.4/29, mbtmp3.4/20, Error
ellipse: s-maj=16.9km s-min=9.1km az=87.0

NEIC 06 11:22:31.5, 0.8, 15.92N, 145.62E, h527km, 10km,
mb4.1/10, Error ellipse: s-maj=14.7km s-min=10.1km
az=93.0

ISC 06 11:22:31.1, 0.5, 15.95N, 0.06:145.61E, 0.08, h516km, 7km,
n100, 09:76N, mb3.9/28, 21C-34D, Mariana Islands

Main table with 5 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Lists numerous stations like GUMO, UGU, GUMO, etc.

Main table with 5 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Lists numerous stations like L11A, G13A, H13A, etc.

ISCBJ 06 11:22:50.4, 0.3, 14.42N, 0.06:89.90W, 0.05, h427km, 2km,
mb4.0/20, Error ellipse: s-maj=12.7km s-min=5.0km
az=37.3

CASC 06 11:22:50.3, 2.7, 12.29N, 90.59W, h0km, 14km, MD4.0,
ML4.3, mb4.3(NEIC)
IDC 06 11:22:50.7, 0.7, 14.46N, 89.87W, h240km, 4km, mb3.3/7,
mb1 3.6/10, mb1mx3.4/22, mbtmp3.3/10, Error ellipse:
s-maj=25.7km s-min=12.7km az=52.0

NEIC 06 11:22:50.9, 0.7, 14.44N, 89.93W, h236km, 9km, mb4.3/20,
Error ellipse: s-maj=13.9km s-min=7.8km az=53.0

ISC 06 11:22:51.4, 0.3, 14.43N, 0.06:89.90W, 0.05, h241km, 2km,
n112, 09:79N/119, mb4.0/20, 25C-28D, Guatemala

Main table with 5 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Lists numerous stations like NBG, RTR, SNJE, etc.

| | | | | | |
|-------|------------------------------------|-----------|------|------|-----------------|
| GUIM | Jordan | 4.75 178 | eP | Pn | 12 02 44.0 +1.8 |
| OCLP | Ormoc | 4.82 154 | eP | Pn | 12 02 49.6 +6.4 |
| BBP | Basco | 5.02 355 | eP | Pn | 12 02 44.5 -1.6 |
| ENPP | El Nido | 5.09 215 | eP | Pn | 12 02 48.0 +1.0 |
| LLP | Lapu-Lapu | 5.27 163 | eP | Pn | 12 02 48.1 -1.4 |
| LLI | | | eS | Sn | 12 03 54.1 +4.8 |
| MSLP | Maasin | 5.75 155 | eP | Pn | 12 03 01.6 +5.6 |
| TBP | Tagbilaran | 5.85 166 | eP | Pn | 12 02 59.6 +2.2 |
| SNPH | Sibulan | 6.07 172 | eP | Pn | 12 03 04.9 +4.4 |
| PPR | Puerto Princes | 6.65 213 | eP | Pn | 12 03 09.9 +1.4 |
| CGP | Capayan de Oro | 7.25 162 | eP | Px | 12 03 34.7 |
| TWG | Pinang | 7.49 350 | ePn | Pn | 12 03 17.6 -2.3 |
| | 86nm,0.6s | | | | |
| PAGZ | Pagadian | 7.56 173 | eP | Pn | 12 03 24.2 +3.3 |
| BUKP | Musan | 7.91 161 | eP | Pn | 12 03 29.1 +3.4 |
| BATP | Bataraza | 7.97 215 | eP | Pn | 12 03 28.3 +1.7 |
| YULB | Yulu | 8.02 353 | ePn | Pn | 12 03 25.9 -1.2 |
| | 76nm,0.7s | | | | |
| YULB | Ta-pu | 8.04 348 | eSn | Sn | 12 04 56.1 -0.9 |
| TPUB | | | ePn | Pn | 12 03 26.8 -0.6 |
| | 128nm,0.8s | | | | |
| CTBH | Cotabato-PC H | 8.32 167 | eP | Pn | 12 03 32.5 +1.1 |
| SSLB | Suanglung | 8.46 351 | ePn | Pn | 12 03 32.0 -1.2 |
| | 102nm,0.9s | | | | |
| SSLB | Ninganchiao | 8.76 355 | eSn | Sn | 12 05 09.5 +1.7 |
| NACB | | | ePn | Pn | 12 03 36.9 -0.5 |
| | 85nm,0.8s | | | | |
| NACB | | | eSn | Sn | 12 05 08.8 -6.4 |
| DMPH | Davao City-Mi | 8.80 160 | eP | Pn | 12 03 42.7 +4.8 |
| DAV | Davao City (W) | 8.84 159 | ePn | Pn | 12 03 35.2 -3.2 |
| | 28nm,0.3s,baz=338,slow=8.1,SNR=2.6 | | | | |
| DAV | | | | LR | 12 08 28.9 |
| | comp=Z,9um,18.9s,baz=22,slow=48 | | | | |
| DAV | Davao City (W) | 8.84 159 | eP | Pn | 12 03 47.0 +8.6 |
| | 6um,333nm,1.6s | | | | |
| YHNB | Yeheng | 9.27 354 | ePn | Pn | 12 03 44.9 +0.5 |
| | 113nm,0.6s | | | | |
| YHNB | | | eSn | Sn | 12 05 22.6 -5.2 |
| TATO | Taipei | 9.57 355 | ePn | Pn | 12 03 50.1 +1.8 |
| KDM | Kudat | 10.06 214 | eP | Pn | 12 04 00.8 +5.5 |
| OZH | Quanzhou | 10.15 340 | eS | Sn | 12 04 11.7 -1.7 |
| OZH | | | S | Sn | 12 05 54.4 +5.0 |
| | comp=N,9um,12.4s | | | | |
| QZH | | | LR | LR | |
| | comp=E,10um,14.6s | | | | |
| QZH | | | LR | LR | |
| | comp=Z,19um,16.0s | | | | |
| MYLDM | Lahad Datu | 10.87 201 | eP | Pn | 12 04 11.2 +4.9 |
| MYLDM | Lahad Datu | 10.87 201 | eP | Pn | 12 04 11.2 +5.0 |
| | comp=Z,3um,comp=Z,131nm,1.6s | | | | |
| SDKM | Sandakan | 10.98 208 | eP | Pn | 12 04 10.7 +3.0 |
| KKM | Kota Kinabalu | 11.12 214 | eP | Pn | 12 04 13.8 +4.0 |
| KKM | Kota Kinabalu | 11.12 214 | ePn | Pn | 12 04 08.5 -1.2 |
| KKM | Kota Kinabalu | 11.12 214 | eP | Pn | 12 04 13.1 +3.4 |
| | comp=Z,2um,comp=Z,36nm,1.3s | | | | |
| GZH | Guangzhou | 11.49 313 | eP | Pn | 12 04 15.6 +0.9 |
| GZH | | | S | Sn | 12 06 26.3 +4.2 |
| GZH | | | LR | LR | |
| | comp=N,16um,16.6s | | | | |
| GZH | | | LR | LR | |
| | comp=E,16um,16.6s | | | | |
| TSM | Tawau | 11.91 203 | eP | Pn | 12 04 24.8 +4.2 |
| SGSI | Sangihe | 12.04 165 | eP | Pn | 12 04 27.2 +4.9 |
| QIZ | Qiongzong | 12.55 288 | eP | Pn | 12 04 29.6 +0.3 |
| QIZ | | | eP | Pn | 12 04 35.7 +1.7 |
| QIZ | | | eS | Sn | 12 04 40.5 |
| QIZ | | | S | Sn | 12 06 46.2 -2.0 |
| QIZ | | | LR | LR | |
| | comp=N,8um,18.1s | | | | |
| QIZ | | | LR | LR | |
| | comp=Z,4um,15.2s | | | | |
| MNI | Manado | 14.07 170 | eP | Pn | 12 04 57.0 +6.9 |
| | comp=Z,5um,comp=Z,244nm,0.8s | | | | |
| KMSI | Cibinong | 14.81 174 | eP | Pn | 12 05 09.3 +9.1 |
| | comp=Z,545nm,1.1s | | | | |
| MRSI | Marisa | 14.84 182 | eP | Pn | 12 05 03.4 +2.9 |
| | comp=Z,3um,comp=Z,118nm,2.1s | | | | |
| BMT | Bintulu | 15.22 218 | eP | Pn | 12 05 08.2 +2.6 |
| TNTI | Terata | 15.33 161 | eP | Pn | 12 05 07.0 -0.1 |
| | comp=Z,3um,comp=Z,160nm,1.3s | | | | |
| SSE | Sheshan | 15.66 356 | eP | Pn | 12 05 10.7 -0.6 |
| SSE | | | S | Sn | 12 08 05.6 +1.6 |
| | comp=Z,64nm,0.8s | | | | |
| SSE | | | pmax | pmax | |
| | comp=Z,240nm,10.6s | | | | |
| SSE | | | LR | LR | |
| | comp=N,2um,19.0s | | | | |
| SSE | | | LR | LR | |
| | comp=E,4um,19.0s | | | | |
| SSE | | | LR | LR | |
| | comp=Z,4um,14.7s | | | | |
| APSI | Ampara | 16.23 183 | eP | Pn | 12 05 23.2 +4.6 |
| | comp=Z,6um,1.4s | | | | |
| SBUM | Sibu | 16.34 219 | eP | Pn | 12 05 23.0 +3.0 |
| SBUM | Sibu | 16.34 219 | eP | Pn | 12 05 23.1 +3.1 |
| | comp=Z,5um,comp=Z,217nm,1.6s | | | | |
| LWUK | Luwuk | 16.34 179 | eP | Pn | 12 05 26.5 +6.4 |
| | comp=Z,9um,comp=Z,359nm,1.3s | | | | |
| PCI | Palu | 16.40 189 | eP | Pn | 12 05 23.0 +2.1 |
| | comp=Z,3um,comp=Z,133nm,1.3s | | | | |
| LBMI | Labuan | 16.71 162 | eP | Pn | 12 05 32.7 +8.0 |
| | comp=Z,3um,comp=Z,113nm,2.6s | | | | |
| WHN | Wuhan | 16.80 335 | eP | Pn | 12 05 28.0 +2.3 |
| WHN | | | eP | Pn | 12 05 41.5 +2.7 |
| WHN | | | S | Sn | 12 05 41.5 +2.7 |
| WHN | | | LR | LR | |
| | comp=N,9um,15.1s | | | | |
| WHN | | | LR | LR | |
| | comp=E,12um,14.3s | | | | |
| WHN | | | LR | LR | |
| | comp=Z,19um,16.8s | | | | |
| NJ2 | Nanjing | 16.89 350 | eP | Pn | 12 05 28.1 +1.2 |
| NJ2 | | | eP | Pn | 12 05 35.9 -0.4 |
| NJ2 | | | eP | Pn | 12 05 40.5 +0.6 |
| NJ2 | | | eP | Pn | 12 05 42.7 |
| NJ2 | | | S | Sn | 12 08 31.0 -2.9 |
| NJ2 | | | eS | Sn | 12 08 46.0 -1.0 |
| | comp=Z,30nm,0.5s | | | | |
| NJ2 | | | pmax | pmax | |
| | comp=Z,220nm,5.8s | | | | |
| NJ2 | | | LR | LR | |
| | comp=N,4um,14.5s | | | | |
| NJ2 | | | LR | LR | |
| | comp=E,7um,18.0s | | | | |
| NJ2 | | | LR | LR | |
| | comp=Z,4um,13.7s | | | | |
| KSM | Kuching | 18.29 222 | eP | Pn | 12 05 45.5 +1.1 |
| KSM | Kuching | 18.29 222 | eP | Pn | 12 05 45.3 +0.9 |
| | comp=Z,278nm,1.7s | | | | |
| KSM | Kuching | 18.29 222 | eP | Pn | 12 05 47.1 +2.7 |
| | comp=Z,2um,comp=Z,100nm,2.2s | | | | |
| GYA | Guiyang | 18.36 309 | eP | Pn | 12 05 46.0 +0.9 |
| GYA | | | eP | Pn | 12 05 54.2 +1.7 |
| GYA | | | eP | Pn | 12 06 03.8 |
| GYA | | | S | Sn | 12 09 13.9 +3.8 |
| GYA | | | SS | SS | 12 09 33.8 |
| | comp=Z,20nm,1.0s | | | | |
| GYA | | | pmax | pmax | |
| | comp=Z,130nm,5.4s | | | | |
| GYA | | | LR | LR | |
| | comp=N,9um,15.6s | | | | |
| GYA | | | LR | LR | |
| | comp=E,4um,15.0s | | | | |
| GYA | | | LR | LR | |
| | comp=Z,3um,15.7s | | | | |
| TTSI | Tana Toraja | 18.51 188 | eP | Pn | 12 05 48.6 +1.6 |
| | comp=Z,2um,comp=Z,94nm,1.4s | | | | |
| STKI | Sintang | 18.59 216 | eP | Pn | 12 05 49.9 +0.7 |
| | comp=Z,91nm,1.5s | | | | |
| NLAI | Namlea | 19.09 166 | eP | Pn | 12 05 56.1 +2.1 |
| | comp=Z,81nm,1.1s | | | | |
| KDI | Kendari | 19.23 179 | eP | Pn | 12 05 54.3 -1.5 |
| | comp=Z,2um,comp=Z,105nm,1.1s | | | | |
| SPSI | Sidrap Palu | 19.42 188 | eP | Pn | 12 05 57.5 -0.5 |
| | comp=Z,1um,comp=Z,62nm,1.0s | | | | |
| KBKI | Kotabaru | 19.59 199 | eP | Pn | 12 05 58.8 -1.2 |
| | comp=Z,5um,comp=Z,481nm,1.0s | | | | |
| AAI | Ambon | 19.81 163 | eP | Pn | 12 06 00.7 -1.9 |
| | comp=Z,3um,comp=Z,102nm,0.9s | | | | |
| BNSI | Bone | 19.81 187 | eP | Pn | 12 06 02.8 +0.2 |
| | comp=Z,3um,comp=Z,114nm,1.2s | | | | |
| KAPI | Kappang | 20.45 188 | eP | Pn | 12 06 07.6 -0.4 |

| | | | | | |
|------|--|-----------|------|------|-----------------|
| KAPI | Kappang | 20.45 188 | eP | P | 12 06 05.1 -2.9 |
| | comp=Z,477nm,0.9s,SNR=6.3 | | | | |
| | comp=Z,42nm,0.7s,baz=8.2,slow=7.2,SNR=14 | | | | |
| KAPI | | | LR | LR | 12 16 09.2 |
| | comp=Z,2um,18.6s,MS4.6,baz=13,slow=4.3 | | | | |
| BKSI | Bulukumba | 20.71 186 | eP | P | 12 06 10.3 -0.5 |
| | comp=Z,989nm,comp=Z,62nm,1.0s | | | | |
| KMI | Kunming | 20.82 301 | eP | P | 12 06 14.5 +2.6 |
| | | | eP | P | 12 06 23.6 |
| | | | eP | P | 12 06 27.6 +4.5 |
| KMI | | | eP | P | 12 06 37.4 |
| KMI | | | S | S | 12 10 00.4 +2.6 |
| KMI | | | S | S | 12 10 15.9 +0.8 |
| KMI | | | PcP | PcP | 12 10 21.7 +1.4 |
| KMI | | | pmax | pmax | 12 10 30.7 |
| | comp=Z,28nm,1.3s | | | | |
| KMI | | | pmax | pmax | |
| | comp=Z,390nm,5.5s | | | | |
| KMI | | | LR | LR | |
| | comp=N,5um,18.5s,MS5.1 | | | | |
| KMI | | | LR | LR | |
| | comp=E,4um,15.4s,MS5.1 | | | | |
| KMI | | | LR | LR | |
| | comp=Z,5um,11.6s,MS5.1 | | | | |
| TIA | Tai'an | 21.25 348 | eP | P | 12 06 16.1 -0.4 |
| TIA | | | S | S | 12 10 14.6 +3.3 |
| TIA | | | pmax | pmax | |
| | comp=Z,100nm,1.1s,mb5.1 | | | | |
| TIA | | | LR | LR | |
| | comp=N,2um,17.1s,MS4.9 | | | | |
| TIA | | | LR | LR | |
| | comp=E,3um,15.3s,MS4.9 | | | | |
| BAKI | Biak | 21.32 139 | eP | P | 12 06 17.3 -0.1 |
| | comp=E,3um,comp=E,215nm,1.0s,mb5.4 | | | | |
| KTMG | Kuala Trengganu | 21.43 244 | eP | P | 12 06 18.9 +0.3 |
| NST | Nakhon Sawan | 21.48 274 | eP | P | 12 06 19.0 -0.1 |
| | comp=E,56nm,0.9s,mb4.9 | | | | |
| CBIJ | Chichi jima | 21.75 54 | eP | P | 12 06 20.8 -1.1 |
| | comp=E,46nm,0.7s,mb5.0,baz=267,slow=21,SNR=4.8 | | | | |
| CBIJ | | | LR | LR | 12 13 14.8 |
| GUMO | Guam | 21.75 62 | eP | P | 12 06 22.8 +0.2 |
| | comp=E,2um,19.1s,MS4.6,baz=31,slow=33 | | | | |
| GUMO | | | pmax | pmax | |
| | comp=Z,317nm,1.2s,mb5.6 | | | | |
| GUMO | Guam | 21.80 92 | eP | P | 12 06 22.8 +0.2 |
| | comp=Z,317nm,1.2s,mb5.6 | | | | |
| GUMO | Guam | 21.80 92 | eP | P | 12 06 22.6 0.0 |
| | comp=Z,4um,comp=Z,259nm,1.3s,mb5.5 | | | | |
| CHRT | Chiangrai | 22.03 285 | eP | P | 12 06 19.0 -5.9 |
| | comp=Z,237nm,0.7s,mb5.7 | | | | |
| NNT | Nongplab | 22.19 266 | eP | P | 12 06 19.0 -7.7 |
| XAN | Xian | 22.20 329 | eP | P | 12 06 26.1 -0.6 |
| XAN | | | eP | P | 12 06 36.1 |
| XAN | | | S | S | 12 06 40.4 +2.5 |
| XAN | | | pmax | pmax | 12 10 32.7 +2.9 |
| | comp=Z,12nm,0.8s,mb4.4 | | | | |
| XAN | | | pmax | pmax | |
| | comp=Z,60nm,5.0s | | | | |
| XAN | | | LR | LR | |
| | comp=N,2um,15.6s,MS4.8 | | | | |
| XAN | | | LR | LR | |
| | comp=E,2um,13.4s,MS4.8 | | | | |
| XAN | | | LR | LR | |
| INCN | Inchon | 22.31 9 | eP | P | 12 06 28.9 +1.1 |
| | comp=Z,259nm,1.0s,mb5.6 | | | | |
| INCN | | | eP | P | 12 06 37.2 |
| INCN | | | S | S | 12 06 29.5 +1.8 |
| KSR5 | Korea Array | 22.50 11 | eP | P | 12 06 28.6 -1.2 |
| | comp=Z,15nm,0.6s,mb4.6,baz=197,slow=11,SNR=86 | | | | |
| KSR5 | | | LR | LR | 12 16 01.4 |
| KSR5 | | | pmax | pmax | |
| | comp=Z,1um,18.6s,MS4.4,baz=195,slow=39 | | | | |
| KSR5 | | | pmax | pmax | |
| | comp=Z,15nm,0.6s,mb4.6 | | | | |
| KSR5 | | | MLR | MLR | |
| CMAR | Chiang Mai Arr | 22.67 281 | eP | P | 12 06 31.4 -0.3 |
| | comp=Z,31nm,0.6s,mb4.9,baz=95,slow=7.9,SNR=126 | | | | |

Table with columns for station call letters, name, frequency, power, and coordinates. Includes stations like MORC Moravsky Berou, KSP Ksiaz, and various other regional stations.

Table with columns for station call letters, name, frequency, power, and coordinates. Includes stations like TANN Tannenbergshta, NKC Novy Kostel, and various other regional stations.

Table with columns for station call letters, name, frequency, power, and coordinates. Includes stations like CABF La Chapelle, ETW Entiat, LPGA La Plagne, and various other regional stations.

Table with columns: BRVK, Borovoye, 55.46 325c, iP, P, 12.56 29.6+0.7, etc. Includes rows for Borovoye, Zerenda, Bilibino, etc.

Table with columns: INK, Inuvik, 80.91 21, eP, P, 12.59 08.0 -0.2, etc. Includes rows for Inuvik, Odobesti, Vri, etc.

Table with columns: WTTA, Wattenberg, 92.34 320, iP, P, 13.00 04.3 -0.5, etc. Includes rows for Wattenberg, Papeete, FETA, etc.

IDD 06 12:56:27.1, 1.7, 15.31N:122:79E, h0km, mb3.6/4, mb1 3.9/5, mb1mx3.6/23, mbtmp3.7/5, ML4.7/1, Error ellipse: s-maj=32.6km s-min=23.1km az=47.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc. Includes rows for PolP, PolP, PolP, etc.

LJU 06 12:57:07.7, 46:11N:13:59E, h19km, ML2.1 ROM 06 12:57:07.5, 0.2, 46:13N:13:64E, h10km, Md2.7/4, M11.9/4, Error ellipse: s-maj=4.8km s-min=1.2km az=59.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc. Includes rows for DRE, DRE, DRE, etc.

ISCJB 06 12:57:08.0, 0.2, 46:11N:02:13:60E, 0.02, h10km, Error ellipse: s-maj=2.4km s-min=1.6km az=23.7

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc. Includes rows for CADS, CADS, CADS, etc.

| | | | | | | |
|------|-----------------|-------|-----|----|----|-----------------|
| 116A | Eloy | 81.10 | 52 | ↑P | P | 13 34 26.9 +0.8 |
| X14A | Yava | 81.12 | 50 | ↑P | P | 13 34 26.6 +0.4 |
| R11A | Troy Canyon, C | 81.15 | 45 | ↑P | P | 13 34 25.8 -0.5 |
| P10A | Eureka | 81.22 | 44 | ↑P | P | 13 34 26.9 +0.3 |
| S12A | Delamar Landin | 81.28 | 46 | ↑P | P | 13 34 27.8 +0.8 |
| Y15A | Casa Rosa Ranc | 81.28 | 50 | ↑P | P | 13 34 27.4 +0.3 |
| U13A | Pakoon Wash | 81.30 | 47 | ↑P | P | 13 34 27.2 +0.1 |
| W14A | Seligman | 81.34 | 49 | ↑P | P | 13 34 27.7 +0.4 |
| WVOR | Wild Horse Val | 81.35 | 40 | eP | P | 13 34 27.2 0.0 |
| WVOR | Wild Horse Val | 81.35 | 40 | eP | P | 13 34 27.2 0.0 |
| Q11A | Duckwater | 81.36 | 45 | ↑P | P | 13 34 27.9 +0.6 |
| 217A | Green Valley | 81.41 | 53 | ↑P | P | 13 34 28.5 +0.7 |
| V14A | Boquillas Ranc | 81.52 | 48 | ↑P | P | 13 34 28.4 +0.1 |
| X15A | Humboldt | 81.60 | 50 | ↑P | P | 13 34 28.7 0.0 |
| T13A | Saint George | 81.63 | 47 | ↑P | P | 13 34 28.8 0.0 |
| TUC | Tucson | 81.67 | 52 | eP | P | 13 34 29.3 +0.2 |
| TUC | Tucson | 81.67 | 52 | eP | P | 13 34 29.3 +0.2 |
| R12A | Pony Springs | 81.80 | 46 | ↑P | P | 13 34 29.4 -0.2 |
| 117A | Oracle | 81.83 | 52 | ↑P | P | 13 34 30.1 +0.2 |
| U14A | Mt Trumbull | 81.85 | 48 | ↑P | P | 13 34 30.4 +0.5 |
| Y16A | Circle Bar Ranc | 81.88 | 51 | ↑P | P | 13 34 30.5 +0.4 |
| 318A | Bisbee | 81.89 | 53 | ↑P | P | 13 34 29.9 -0.4 |
| S13A | Holt Ranch, En | 81.94 | 46 | ↑P | P | 13 34 30.6 +0.2 |
| J08A | Circle Bar Ranc | 81.96 | 40 | ↑P | P | 13 34 30.1 -0.2 |
| Q12A | Willow Creek R | 82.01 | 45 | ↑P | P | 13 34 30.2 -0.5 |
| O11A | Cowboy Ranch, | 82.02 | 44 | ↑P | P | 13 34 30.2 -0.5 |
| 218A | Dragon | 82.08 | 53 | ↑P | P | 13 34 31.3 +0.1 |
| X16A | Lo Mia Camp, P | 82.15 | 50 | ↑P | P | 13 34 31.9 +0.4 |
| R13A | O'Grain Ranch, | 82.16 | 46 | ↑P | P | 13 34 31.4 -0.1 |
| M10A | L.L. Ranch, Tu | 82.17 | 42 | ↑P | P | 13 34 31.2 -0.2 |
| P12A | McGill | 82.18 | 44 | ↑P | P | 13 34 30.9 -0.6 |
| T14A | Hurricane | 82.23 | 47 | ↑P | P | 13 34 32.4 +0.6 |
| Y17A | Roosevelt | 82.26 | 51 | ↑P | P | 13 34 32.8 +0.8 |
| V15A | Kaibab Nationa | 82.28 | 49 | ↑P | P | 13 34 32.7 +0.6 |
| ARUT | Antelope Range | 82.33 | 46 | eP | P | 13 34 32.9 +0.6 |
| ARUT | Antelope Range | 82.33 | 46 | eP | P | 13 34 32.9 +0.6 |
| W16A | Flagstaff | 82.40 | 50 | ↑P | P | 13 34 33.6 +0.9 |
| 319A | Douglas | 82.41 | 54 | ↑P | P | 13 34 33.5 +0.7 |
| 118A | Homack Ranch, | 82.42 | 52 | ↑P | P | 13 34 33.5 +0.5 |
| U15A | North Rim | 82.48 | 48 | ↑P | P | 13 34 33.6 +0.5 |
| H08A | Prairie City | 82.49 | 39 | ↑P | P | 13 34 32.7 -0.2 |
| S14A | Cedar City | 82.51 | 47 | ↑P | P | 13 34 34.1 +0.9 |
| L10A | Juniper Basin | 82.51 | 42 | ↑P | P | 13 34 33.4 +0.3 |
| X17A | Forest Lakes | 82.58 | 51 | ↑P | P | 13 34 34.6 +0.9 |
| M11A | Holland Ranch, | 82.61 | 42 | ↑P | P | 13 34 34.1 +0.5 |
| ELK | Elko | 82.61 | 43 | ↑P | P | 13 34 33.9 +0.2 |
| K10A | MacKenzie Ranc | 82.63 | 41 | ↑P | P | 13 34 33.4 -0.3 |
| O12A | Currie | 82.69 | 44 | ↑P | P | 13 34 34.1 +0.1 |
| 219A | White Tail Can | 82.69 | 53 | ↑P | P | 13 34 34.2 -0.1 |
| T15A | Red Dirt Ranch | 82.70 | 48 | ↑P | P | 13 34 34.6 +0.4 |
| WUAZ | Wupatki | 82.71 | 49 | ↑P | P | 13 34 33.5 -0.8 |
| WUAZ | Wupatki | 82.71 | 49 | ↑P | P | 13 34 33.4 -0.9 |
| G08A | Pilot Rock | 82.75 | 38 | ↑P | P | 13 34 34.5 +0.2 |
| P13A | Bates Ranch, G | 82.77 | 45 | ↑P | P | 13 34 34.5 0.0 |
| N12A | Clover Valley, | 82.79 | 43 | ↑P | P | 13 34 34.5 0.0 |
| N12A | Clover Valley, | 82.79 | 43 | ↑P | P | 13 34 34.4 -0.1 |
| Y18A | Canyon Day Jun | 82.90 | 51 | ↑P | P | 13 34 35.9 +0.7 |
| 320A | Kipp Ranch, An | 82.97 | 54 | ↑P | P | 13 34 36.7 +1.0 |
| 119A | Aspseek Ranch, | 83.00 | 53 | ↑P | P | 13 34 36.8 +1.0 |
| L11A | Cat Creek Ranc | 83.01 | 42 | ↑P | P | 13 34 35.5 -0.2 |
| S15A | Panguitch | 83.03 | 47 | ↑P | P | 13 34 37.0 +1.1 |
| Q14A | Sevier Lake (B | 83.03 | 45 | ↑P | P | 13 34 36.0 +0.2 |
| K11A | Parker Ranch, | 83.15 | 41 | ↑P | P | 13 34 36.6 +0.3 |
| M12A | Wells | 83.16 | 43 | ↑P | P | 13 34 36.3 -0.1 |
| V17A | Tonalea, Kykot | 83.18 | 49 | ↑P | P | 13 34 37.0 +0.3 |
| 220A | Playas Peak, P | 83.21 | 54 | ↑P | P | 13 34 36.8 -0.1 |
| X18A | Knowflake | 83.30 | 51 | ↑P | P | 13 34 38.0 +0.8 |
| T16A | Glen Canyon Da | 83.30 | 48 | ↑P | P | 13 34 37.8 +0.6 |
| E08A | Dider Farm, El | 83.36 | 37 | ↑P | P | 13 34 37.1 -0.2 |
| I10A | Payette | 83.37 | 40 | ↑P | P | 13 34 37.6 +0.2 |
| G09A | Cove | 83.43 | 38 | ↑P | P | 13 34 37.8 +0.1 |
| P14A | Drum Mountains | 83.47 | 45 | ↑P | P | 13 34 37.6 -0.4 |
| L12A | House Creek Ra | 83.47 | 42 | ↑P | P | 13 34 38.3 +0.4 |
| BMO | Blue Mountains | 83.48 | 39 | eP | P | 13 34 37.3 -0.6 |
| BMO | Blue Mountains | 83.48 | 39 | eP | P | 13 34 37.3 -0.6 |
| Y19A | Nutrosio | 83.56 | 51 | ↑P | P | 13 34 38.1 -0.5 |
| MFID | Camas Ranch | 83.62 | 41 | ↑P | P | 13 34 38.2 -0.4 |
| M13A | Montello | 83.62 | 43 | ↑P | P | 13 34 38.9 +0.2 |
| M13A | Montello | 83.62 | 43 | ↑P | P | 13 34 38.9 +0.2 |
| SEY | Seymchan | 83.62 | 347 | eP | P | 13 34 36.8 -1.4 |
| BJJ | Beijing | 83.63 | 315 | P | S | 13 34 38.7 -0.1 |
| BJJ | Beijing | 83.63 | 315 | P | S | 13 44 17.4 +1.6 |
| BJJ | Beijing | 83.63 | 315 | P | SS | 13 49 59.9 +0.7 |

| | | | | | | |
|------|-------------------|-------|-----|----|---|-----------------|
| BJJ | comp=Z,2.89nm,3.5 | 83.68 | 39 | ↑P | P | 13 34 38.5 -0.4 |
| H10A | Noah's Angus R | 83.68 | 39 | ↑P | P | 13 34 38.5 -0.4 |
| Z20A | Nine Sixteen R | 83.69 | 52 | ↑P | P | 13 34 39.6 +0.4 |
| U17A | Shonto | 83.72 | 49 | ↑P | P | 13 34 40.0 +0.7 |
| X19A | St. Johns | 83.74 | 51 | ↑P | P | 13 34 40.3 +0.8 |
| K12A | Draper Farm, C | 83.75 | 42 | ↑P | P | 13 34 40.0 +0.5 |
| I11A | Placerville | 83.80 | 40 | ↑P | P | 13 34 39.5 0.0 |
| T17A | Navajo Res., N | 83.80 | 48 | ↑P | P | 13 34 39.4 -0.3 |
| G10A | Bishop Farm, J | 83.83 | 39 | ↑P | P | 13 34 39.0 -0.6 |
| V18A | Ganado | 83.84 | 50 | ↑P | P | 13 34 38.6 -1.3 |
| TRF | Thorofare Moun | 83.89 | 12 | eP | P | 13 34 38.0 -1.5 |
| MAW | Mawson | 83.97 | 200 | eP | P | 13 34 40.1 +0.1 |
| MAW | Mawson | 83.97 | 200 | eP | P | 13 34 39.8 -0.2 |
| MAW | Mawson | 83.97 | 200 | eP | P | 13 34 39.8 -0.2 |
| MAW | Mawson | 83.97 | 200 | eP | P | 13 34 39.8 -0.2 |
| 121A | Cookes Peak, D | 84.05 | 53 | ↑P | P | 13 34 40.2 -0.9 |
| F10A | Beach Ranch, E | 84.14 | 38 | ↑P | P | 13 34 40.2 -0.9 |
| H11A | Donnelly | 84.18 | 39 | ↑P | P | 13 34 40.4 -1.0 |
| U18A | Rough Rock, Ch | 84.21 | 49 | ↑P | P | 13 34 41.3 -0.4 |
| M14A | Sheep Mountain | 84.22 | 43 | ↑P | P | 13 34 41.8 +0.2 |
| I12A | Atlanta | 84.25 | 41 | ↑P | P | 13 34 41.4 -0.3 |
| B08A | Colville Reser | 84.27 | 35 | ↑P | P | 13 34 40.9 -0.8 |
| G11A | Walters Elk Ra | 84.40 | 39 | ↑P | P | 13 34 41.5 -0.9 |
| Q16A | Castle Valley | 84.44 | 46 | ↑P | P | 13 34 43.4 +0.6 |
| Z21A | St. Cloud Mine | 84.47 | 53 | ↑P | P | 13 34 44.0 +0.9 |
| R17A | Hanksville Air | 84.53 | 47 | ↑P | P | 13 34 43.2 0.0 |
| T18A | Mexican Hat | 84.53 | 48 | ↑P | P | 13 34 43.6 +0.4 |
| HLID | Hailey | 84.57 | 41 | ↑P | P | 13 34 43.7 +0.4 |
| HLID | Hailey | 84.57 | 41 | eP | P | 13 34 43.5 +0.1 |
| U19A | Dine' College, | 84.63 | 49 | ↑P | P | 13 34 43.7 -0.1 |
| W20A | Ramah | 84.63 | 51 | ↑P | P | 13 34 44.4 +0.6 |
| J13A | Cove Ranch, Pi | 84.64 | 41 | ↑P | P | 13 34 44.1 +0.5 |
| Y21A | Pot of Rocks | 84.76 | 52 | ↑P | P | 13 34 45.2 +0.7 |
| H12A | Diamond D Ranc | 84.81 | 40 | ↑P | P | 13 34 44.0 -0.4 |
| G12A | Big Creek, Yel | 84.82 | 39 | ↑P | P | 13 34 43.4 -1.1 |
| GYA | Guyang | 84.90 | 300 | eP | P | 13 34 46.0 +0.7 |
| GYA | Guyang | 84.90 | 300 | eP | P | 13 36 47.3 +3.2 |
| GYA | Guyang | 84.90 | 300 | eP | P | 13 37 43.6 +3.9 |
| GYA | Guyang | 84.90 | 300 | eP | P | 13 38 15.7 +3.3 |
| GYA | Guyang | 84.90 | 300 | eP | P | 13 44 16.2 0.0 |
| SRU | San Rafael | 84.98 | 46 | ↑P | P | 13 34 45.3 -0.1 |
| SRU | San Rafael | 84.98 | 46 | eP | P | 13 34 45.3 -0.1 |
| SRU | San Rafael | 84.98 | 46 | eP | P | 13 34 45.3 -0.1 |
| J14A | Carey | 85.02 | 42 | ↑P | P | 13 34 46.2 +0.7 |
| R18A | Canyonlands Na | 85.08 | 47 | ↑P | P | 13 34 45.4 -0.5 |
| H13A | Challis | 85.18 | 40 | ↑P | P | 13 34 45.8 -0.5 |
| F12A | Elk City | 85.19 | 39 | ↑P | P | 13 34 46.0 -0.2 |
| Q18A | Rafter H Ranch | 85.24 | 47 | ↑P | P | 13 34 46.2 -0.5 |
| S19A | Harvey Farm, M | 85.33 | 48 | ↑P | P | 13 34 47.0 -0.1 |
| O17A | Tomson Place | 85.33 | 45 | ↑P | P | 13 34 47.5 +0.4 |
| K15A | Arbon | 85.33 | 43 | ↑P | P | 13 34 47.0 0.0 |
| I14A | Mackey | 85.36 | 41 | ↑P | P | 13 34 47.7 +0.6 |
| 324A | Moseley Ranch, | 85.38 | 55 | ↑P | P | 13 34 47.0 -0.5 |
| G13A | Cobalt | 85.47 | 40 | ↑P | P | 13 34 46.7 -0.9 |
| R19A | Curley Farm, L | 85.48 | 48 | ↑P | P | 13 34 47.5 -0.4 |
| 425A | Indio Mountain | 85.50 | 56 | ↑P | P | 13 34 47.9 -0.3 |
| 224A | Cornudas Mount | 85.50 | 54 | ↑P | P | 13 34 48.7 +0.1 |
| 626A | Big Bend Ranch | 85.57 | 57 | ↑P | P | 13 34 49.5 +0.4 |
| C11A | Tepee Creek (N | 85.70 | 37 | ↑P | P | 13 34 47.9 -0.8 |
| 325A | Bean Ranch, Si | 85.75 | 55 | ↑P | P | 13 34 48.6 -0.7 |
| H14A | Leadore | 85.76 | 41 | ↑P | P | 13 34 48.7 -0.3 |
| F13A | Darby | 85.76 | 39 | ↑P | P | 13 34 48.8 -0.3 |
| D12A | Red Ives Fores | 85.81 | 38 | ↑P | P | 13 34 49.0 -0.2 |
| U21A | Nageezi | 85.81 | 50 | ↑P | P | 13 34 49.4 -0.1 |
| 124A | Stringfield Ra | 85.91 | 54 | ↑P | P | 13 34 50.0 -0.1 |
| 526A | Mary Lane Ranc | 85.93 | 57 | ↑P | P | 13 34 50.6 +0.4 |
| Y23A | Lovelace Mesa, | 85.95 | 53 | ↑P | P | 13 34 50.2 0.0 |
| M17A | Gullys Gap (B | 85.97 | 44 | ↑P | P | 13 34 49.9 -0.3 |
| TXAR | Lajitas Array | 85.99 | 58 | ↑P | P | 13 34 51.5 +1.0 |
| TXAR | Lajitas Array | 85.99 | 58 | ↑P | P | 13 34 51.5 +1.0 |
| I15A | Montevie | 86.00 | 41 | ↑P | P | 13 34 50.3 +0.1 |
| G14A | Jackson | 86.01 | 40 | ↑P | P | 13 34 50.6 +0.4 |
| ANMO | Albuquerque | 86.07 | 52 | ↑P | P | 13 34 50.8 +0.1 |
| XAN | Xi'an | 86.11 | 307 | P | P | 13 34 51.4 +0.4 |
| XAN | Xi'an | 86.11 | 307 | P | P | 13 34 51.4 +0.4 |
| 225A | Deer Hill, Car | 86.16 | 55 | ↑P | P | 13 34 51.1 -0.2 |
| H15A | Lima | 86.21 | 41 | ↑P | P | 13 34 50.8 -0.4 |
| 426A | McDonnell Obs | 86.22 | 56 | ↑P | P | 13 34 51.7 +0.2 |
| S21A | Coal Bank Pass | 86.25 | 49 | ↑P | P | 13 34 50.9 -0.7 |
| 627A | Terlingua Ranc | 86.25 | 58 | ↑P | P | 13 34 52.3 +0.6 |
| BILL | Bilbino | 86.28 | 354 | ↑P | P | 13 34 50.6 -0.4 |
| BILL | Bilbino | 86.28 | 354 | ↑P | P | 13 34 50.6 -0.4 |
| 527A | Woodland Ranch | 86.34 | 57 | ↑P | P | 13 34 51.3 -0.8 |
| G14A | Capitan | 86.42 | 53 | ↑P | P | 13 34 52.2 -0.2 |
| 326A | Caldwell Ranch | 86.51 | 56 | ↑P | P | 13 34 52.6 -0.3 |
| BSMT | Bassoo Peak | 86.55 | 37 | eP | P | 13 34 52.1 -0.6 |
| GDL2 | Guadalupe Moun | 86.55 | 55 | eP | P | 13 34 53.4 +0.3 |

| | | | | | | |
|------|----------------|-------|----|----|---|-----------------|
| G15A | Dillon | 86.57 | 40 | ↑P | P | 13 34 53.2 +0.4 |
| I16A | Newdale | 86.58 | 42 | ↑P | P | 13 34 54.1 +1.2 |
| C13A | Hot Springs | 86.59 | 37 | ↑P | P | 13 34 52.0 -0.9 |
| DLMT | Dillon | 86.60 | 40 | eP | P | 13 34 53.1 +0.1 |
| V23A | Ortiz Mt. (NFS | 86.61 | 51 | ↑P | P | 13 34 53.0 -0.3 |
| 628A | Black Gap, Mar | 86.67 | 58 | ↑P | P | 13 34 54.0 +0.3 |
| 226A | Malaga, Loving | 86.70 | | | | |

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MKAR, KURK, BVAR, ARU, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DOU, CONA, BAIF, WLF, WLF, WLF, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LKD2, LTK, LTK, AGG, AGG, LKR, LKR, etc.

SONM Songoing Array 147.99 86 PKPbc PKPbc 14 11 28.7 -1.0 comp=Z,1.9nm,0.9s,baz=220,slow=2.2,SNR=8.4

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like TIAR, TIAR1, TIAR2, Papeete, PPT, PAE, etc.

IDC 06 13:56:26.2,7.6,6.76S:129.60E,h09km,70km,mb3.6/3, mb1 3.9/5,mb1mx3.4/19,mbtmp3.7/5,ML2.2/2,Error ellipse: s-maj=107.3km s-min=25.7km az=60.0

NEIC 06 13:56:29.2,2.4,6.69S:129.86E,h117km,23km,mb3.9/1, Error ellipse: s-maj=35.0km s-min=17.5km az=62.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like KAKA, FITZ, WRAB, WRA, ASAR, etc.

MAN 06 14:01:39,15.77N:120.63E,h5km,mb4.7,ML3.5,MS3.5, 1C, Luzon

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like BCPH, BCPH1, BCPH2, SALP, etc.

IDC 06 14:06:00.5,3.3,7.23S:154.57E,h0km,mb3.7/4, mb1 3.9/4,mb1mx3.7/16,mbtmp3.8/4, Error ellipse: s-maj=107.8km s-min=30.9km az=114.0, Bougainville - Solomon Islands region

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

ISCJB 06 14:24:18.3,0.6,58.36N:0.05:133.41W,0.06,h10km, Error ellipse: s-maj=7.4km s-min=4.6km az=15.1

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like BESE, SKAG, SIT, DLBC, etc.

ISCJB 06 14:31:00.6,0.4,29.17N:0.04:139.8E:0.1,h398km,5km, mb3.9/24, Error ellipse: s-maj=16.6km s-min=5.5km az=163.5

JMA 06 14:31:00.9,0.2,29.22N:140.13E,h409km,4km, M3.5 IDC 06 14:31:01.1,0.6,29.20N:139.70E,h381km,7km, mb3.6/17, mb1 3.6/22,mb1mx3.5/31,mbtmp3.5/22, Error ellipse: s-maj=19.0km s-min=7.7km az=72.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like CBIJ, CBIJ1, CBIJ2, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like JHHJ, JHUJ, JHUJ2, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like JKO, BSO1, BSO2, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like JMAJ, MAJO, MAJ1, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like MKAR, MKAR1, MKAR2, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like WRA, WRA1, WRA2, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like ARU, ARU1, ARU2, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like ARK, ARK1, ARK2, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like ARCS, ARCS1, ARCS2, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like ARK, ARK1, ARK2, etc.

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

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

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like LZH, LZH1, LZH2, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like HHC, HHC1, HHC2, etc.

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

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like PETK, MK31, MKAR, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like ZALV, KURK, KURK1, etc.

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

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like RLS, RLS1, RLS2, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like RLS, RLS1, RLS2, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like RLS, RLS1, RLS2, etc.

6d 15h

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NIED 06 14:54:00,45:50N,151:20E,h5km,Mw4.0 Best double
code: Mo1.20000*1015 NP1.345.00000* 885.00000*
1.80.00000* NP2.232.00000* 811.00000* 1.156.00000*

JMA 06 14:54:56.5,0.9,45:52N,151:23E,h30km,M4.3
IDC 06 14:55:02.5,1.1,46:42N,150:10E,h0km,mb3.77,
mb1 3.8/10,mb1mx3.6/27,mbtmp3.6/10,ML3.2/3,Error
ellipse: s-maj=30.5km s-min=23.3km az=121.0

NEIC 06 14:55:03.6,1.0,46:35N,150:01E,h10km,Error ellipse:
s-maj=28.1km s-min=12.7km az=127.0
ISC 06 14:55:01.6,3.2,46.0N,02:150.4E,0.134km,24km,n27,
r1535/25,mb3.77,Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include NEM2 Nemuro 2, JMA Rausu, JNK Nakash, JTKR Abashiri-Toko, etc.

IDC 06 14:58:32.8,1.5,36:95N,29:09E,h0km,mb3.9/1,
mb1 3.8/5,mb1mx3.4/26,mbtmp3.6/5,ML3.4/4,MS2.6/1,
Ms1 2.6/1,ms1mx2.0/39,Error ellipse: s-maj=26.6km
s-min=23.4km az=112.0

CSEM 06 14:58:33.7,0.1,37:04N,29:19E,h2km,MD3.5,Error
ellipse: s-maj=3.4km s-min=2.6km az=174.0
ISK 06 14:58:33.2,37:05N,29:18E,h0km,MD3.5
ISCJB 06 14:58:33.7,0.2,37:02N,29:19E,0.03,h7km,4km,
Error ellipse: s-maj=4.1km s-min=3.4km az=173.4

DDA 06 14:58:34.2,37:02N,29:19E,h4km,MD3.4
THE 06 14:58:36.5,37:02N,29:28E,h18km,21km,Error ellipse:
s-maj=22.7km s-min=5.0km az=24.0
ISC 06 14:58:34.4,0.5,37:00N,02:29:19E,0.102,h9km,4km,
n89,r0594/111,Turkey

Main table for Turkey region with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GLHS Gihisar, GOLH Golhisar, TURN Turunc, etc.

Table for Kuril Islands region with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include BALB Balikesir, KIZT Kizical, APE Apeiranthos, etc.

NIED 06 15:00:40,45:40N,151:50E,h32km,Mw4.4 Best double
code: Mo4.45000*1015 NP1.331.00000* 850.00000*
1.92.00000* NP2.207.00000* 840.00000* 1.87.00000*

IDC 06 15:00:26.6,0.6,45:34N,151:09E,h0km,mb4.2/26,
ms1 4.3/29,mb1mx3.3/35,mbtmp4.2/29,ML3.5/7,16,
Ms1 3.8/16,ms1mx3.5/37,Error ellipse: s-maj=16.8km
s-min=13.8km az=136.0

JMA 06 15:00:26.5,0.6,45:37N,151:55E,h30km,M4.8
ISCJB 06 15:00:27.9,1.1,45:12N,150:05,151:16E,0.06,h25km,7km,
mb4.6/76,MS3.9/21,Error ellipse: s-maj=9.8km
s-min=3.9km az=142.8

MOS 06 15:00:28.7,1.0,45:24N,151:09E,h27km,mb4.9/21,Error
ellipse: s-maj=9.2km s-min=5.7km az=108.2
SKHL 06 15:00:29.2,1.8,45:10N,151:28E,h34km,3km,mb5.9/1,
Ms3.9/2,msH5.0/2

BUJ 06 15:00:30.6,45:32N,151:16E,h45km,mb4.7/16,mb4.5/27,
Ms4.1/11,Ms7.3/9/11
NEIC 06 15:00:31.5,1.7,45:29N,150:94E,h32km,11km,mb4.8/19,
MS4.0/2,Error ellipse: s-maj=8.3km s-min=5.8km
az=136.0

SZGRF 06 15:00:33.4,45:25N,150:40E,h33km,mb4.8,Kuril
Islands, Russia
ISC 06 15:00:31.0,1.1,45:19N,150:04,151:18E,0.05,h34km,7km,
n242,r1506/265,mb4.6/75,MS3.9/21,17C-20D,Kuril
Islands

Main table for Kuril Islands region with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KUR Kuril'sk, YUK Yuzh-Kuril'sk, etc.

Main table for Sakhalin region with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include YSS Yuzh-Sakhalins, JKK2 Kamakawa 2, etc.

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6d 17h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like Urukawa-nobuka, Biratori 2, Kayabe, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like KLRB Kellererrin, ZAAO Zalesovo Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like ERM Erimo, GUMU Guam, etc.

MAN 06 16:37:32, 13.43N, 120.22E, h34km, mb4.6, ML3.5, MS3.5, 1D, Mindoro

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like LUBP Lubang, PGP Puerto Galera, etc.

MAN 06 16:47:59, 15.36N, 122.18E, h19km, mb4.9, ML3.8, MS3.8, 1C, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like POLP Polilio Island, BALP Baler, etc.

MAN 06 16:50:27, 15.20N, 122.07E, h39km, mb4.9, ML3.8, MS3.9, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like POLP Polilio Island, BALP Baler, etc.

NIED 06 17:05:00, 27.80N, 142.30E, h32km, mb4.9, Best double couple: M2.820000*1016

Text block containing seismic event details, including coordinates, magnitudes, and double couple parameters.

MAN 06 17:05:00, 27.80N, 142.30E, h32km, mb4.9, Best double couple: M2.820000*1016

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like ERM Erimo, GUMU Guam, etc.

IDC 06 16:02:27.1±0.8, 15.31N, 122.74E, h0km, mb3.8/9, mb1.4/9, mb1mx3.9/22, mbtmp3.9/9, ML5.2/1, MS3.3/3, Ms1.3/4.3, ms1mx2.9/29, Error ellipse: s-maj=22.0km s-min=15.4km az=82.0

Text block containing IDC event details and NEIC event details.

MAN 06 16:02:31, 15.41N, 122.34E, h13km, mb5.2, ML0.2, MS4.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like POLP Polilio Island, BALP Baler, etc.

MAN 06 17:05:21, 0.0±0.1, 27.75N, 141.73E, h50km, MS5.7, JMA Feil II J

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like CBIJ Chichi jima, JHHJ Haha-jima-NKT, etc.

MAN 06 17:05:28, 27.86N, 142.03E, h109km, Mw5.5/15

MAN 06 17:05:21.3±0.1, 27.88N, 142.22E, h0.02, h56km, h56km±1.3km, p-P, n694, d089/720, mb5.0/193, MS4.1/39, 135C-125D, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like CBIJ Chichi jima, JHHJ Haha-jima-NKT, etc.

| | | | |
|-------|--|-----------|-----------------|
| HABR | eS | S | 17 13 58.3 +1.7 |
| HABR | | | 17 14 04.2 |
| HABR | eSS | | 17 14 27.0 |
| HABR | e | | 17 21 19.7 |
| HABR | pmax | pmax | |
| HABR | comp=E,33nm,1.4s | | |
| HABR | comp=Z,94nm,1.5s,mb4.9 | | |
| HABR | comp=N,71nm,1.5s | | |
| HABR | MLR | MLR | |
| OZH | Quanzhou | 21.35 268 | 17 10 04.2 +0.2 |
| OZH | | | 17 13 57.4 -0.6 |
| OZH | comp=Z,1.1um,27.3s,MS4.2 | | |
| KLR | Kul'dur | 22.80 342 | 17 10 16.7 -2.4 |
| KLR | | eS | 17 14 20.5 -3.6 |
| KLR | comp=E,57nm,1.6s | | |
| KLR | comp=Z,85nm,1.6s,mb4.9 | | |
| TGY | Tagaytay City | 24.08 240 | 17 10 31.8 +0.2 |
| TGY | comp=Z,112nm,0.5s,mb5.8,baz=14.4,slow=1.9,SNR=17 | | |
| WHN | Wuhan | 24.44 283 | 17 10 35.0 +0.1 |
| WHN | | P | 17 14 42.6 -8.6 |
| WHN | comp=Z,92nm,0.7s,mb5.3 | | |
| WHN | comp=N,1.1um,19.6s | | |
| WHN | comp=E,430nm,12.0s | | |
| WHN | comp=Z,2.1um,33.0s | | |
| BJI | Beijing | 24.68 306 | 17 10 37.9 +1.0 |
| BJI | | P | 17 14 49.0 -5.7 |
| BJI | comp=Z,4.0nm,0.6s,mb4.1 | | |
| BJI | comp=Z,75nm,4.6s | | |
| BJI | comp=N,320nm,15.6s,MS4.1 | | |
| BJI | comp=E,410nm,18.6s,MS4.1 | | |
| BJI | comp=Z,430nm,27.1s | | |
| SKR | Severo-Kuril's | 25.11 21 | 17 10 57.5 -3.7 |
| SKR | | eP | |
| SKR | comp=N,1.1um,4.0s | | |
| SKR | comp=Z,1.1um,4.0s | | |
| SKR | comp=Z,400nm,1.5s,mb5.7 | | |
| DAV | Davao City (W) | 26.01 220 | 17 10 48.8 -0.4 |
| DAV | comp=Z,128nm,0.4s,mb5.8,baz=287,slow=11,SNR=5.2 | | |
| DAV | comp=Z,437nm,20.1s,MS4.0,baz=342,slow=32 | | |
| PETK | Petropavlovsk- | 27.70 20 | 17 21 22.8 |
| PETK | Petropavlovsk | 27.93 21 | 17 11 21.1 +1.1 |
| PET | | eP | |
| PET | comp=Z,200nm,15.0s,MS3.8 | | |
| HHC | Hu-ho-hao-te | 28.27 305 | 17 11 09.8 +0.6 |
| HHC | | eP | |
| HHC | comp=Z,67nm,5.7s | | |
| HHC | comp=N,820nm,12.3s,MS4.7 | | |
| HHC | comp=E,810nm,12.4s,MS4.7 | | |
| HHC | comp=Z,800nm,12.6s,MS4.5 | | |
| XAN | Xi'an | 29.12 291 | 17 11 16.4 -0.5 |
| XAN | | eP | 17 11 30.8 -0.1 |
| XAN | | P | 17 15 55.1 -10 |
| XAN | comp=Z,7.0nm,0.8s,mb4.4 | | |
| XAN | comp=Z,25nm,8.0s | | |
| XAN | comp=N,210nm,17.6s | | |
| XAN | comp=E,110nm,23.4s | | |
| XAN | comp=Z,110nm,22.0s,MS3.4 | | |
| SMPI | Sarmi | 29.88 187 | 17 11 23.8 0.0 |
| SMPI | Qiongzong | 30.90 261 | 17 11 33.4 +0.6 |
| QIZ | | eP | 17 11 46.4 -0.4 |
| QIZ | | P | 17 11 52.9 -0.5 |
| QIZ | | S | 17 16 31.5 -1.7 |
| QIZ | comp=N,440nm,20.6s | | |
| MNI | Manado | 31.10 215 | 17 11 31.6 -3.0 |
| MNI | Guiyang | 31.60 276 | 17 11 38.7 -0.2 |
| GYA | | P | 17 11 56.0 +3.1 |
| GYA | | P | 17 12 03.7 +4.2 |
| GYA | | P | 17 12 47.4 -3.6 |
| GYA | | P | 17 14 31.2 +1.0 |
| GYA | | S | 17 16 39.2 -4.7 |
| GYA | | S | 17 17 12.0 +4.3 |
| GYA | | ScP | 17 18 08.6 -0.2 |
| GYA | | ScP | 17 18 15.4 +0.6 |
| GYA | | ScS | 17 18 38.0 -2.3 |
| GYA | comp=Z,10.0nm,1.0s,mb4.6 | | |
| GYA | comp=Z,40nm,4.3s | | |
| GYA | comp=N,540nm,16.8s,MS4.4 | | |
| GYA | comp=E,410nm,17.1s,MS4.4 | | |
| GYA | comp=Z,460nm,17.4s,MS4.2 | | |
| KDM | Kudat | 31.82 234 | 17 11 41.7 +0.8 |
| MYLDM | Lahad Datu | 31.90 229 | 17 11 42.7 +1.0 |
| MYLDM | Lahad Datu | 31.90 229 | 17 11 43.8 +2.2 |
| CIT | Chita | 32.26 326 | 17 11 46.1 +1.8 |
| CIT | | e | 17 12 00.5 +2.1 |
| CIT | comp=Z,141nm,1.5s,mb5.6 | | |
| SDKM | Sandakan | 32.46 232 | 17 11 47.5 +1.0 |
| KKM | Kota Kinabalu | 32.87 233 | 17 11 51.0 +0.9 |
| KKM | Kota Kinabalu | 32.87 233 | 17 11 50.5 +0.4 |
| KKM | comp=Z,52nm,1.2s,mb5.3 | | |
| KKM | comp=Z,37nm,1.2s,mb5.2 | | |
| TSM | Tawau | 32.87 233 | 17 11 52.3 +2.2 |
| LZH | Lanzhou | 33.39 294 | 17 11 54.4 -0.1 |
| LZH | | eP | 17 12 09.4 +0.8 |
| LZH | | SP | 17 12 14.5 -0.6 |
| LZH | | SP | 17 13 08.4 -2.4 |
| LZH | | S | 17 17 10.4 -1.3 |
| LZH | | S | 17 17 36.0 +0.5 |
| LZH | | SS | 17 19 16.8 -2.1 |
| LZH | comp=Z,29nm,1.3s,mb5.0 | | |
| LZH | comp=Z,130nm,4.0s | | |
| LZH | comp=E,1.1um,16.2s | | |
| LZH | comp=Z,1.1um,17.3s,MS4.8 | | |
| MRSI | Marisa | 33.46 219 | 17 11 55.9 +0.6 |
| CD2 | Chengdu | 33.53 285 | 17 11 55.3 -0.5 |
| CD2 | | P | 17 12 10.3 +0.4 |
| CD2 | | P | 17 12 17.5 +1.1 |
| CD2 | | PP | 17 13 09.3 -3.1 |
| CD2 | | S | 17 17 12.5 -1.5 |
| CD2 | | SS | 17 17 38.1 +0.2 |

| | | | |
|-------|---|-----------|-----------------|
| CD2 | SS | SS | 17 19 20.0 -2.0 |
| CD2 | comp=Z,100nm,4.5s | | |
| CD2 | comp=N,640nm,20.2s | | |
| ULN | Ulaanbaatar | 33.78 316 | 17 11 57.9 +0.2 |
| ULN | comp=Z,6.0nm,0.7s,mb4.6 | | |
| ULN | Ulaanbaatar | 33.78 316 | 17 11 57.9 +0.2 |
| ULN | comp=Z,6.5nm,0.7s,mb4.7 | | |
| ULN | Ulaanbaatar | 33.78 316 | 17 11 58.1 +0.4 |
| ULN | comp=Z,3.7nm,1.0s,mb4.7 | | |
| ULN | Ulaanbaatar | 33.78 316 | 17 11 58.6 +0.9 |
| ULN | SNR=5.9 | | |
| SOMN | Songino Array | 34.18 315 | 17 12 01.3 +0.2 |
| SOMN | comp=Z,3.7nm,0.5s,mb4.5,baz=124,slow=8.4,SNR=28 | | |
| SOMN | comp=Z,2.1nm,0.7s,baz=148,slow=3.6,SNR=5.0 | | |
| SOMN | comp=Z,4.6nm,1.1s,baz=114,slow=3.0,SNR=9.3 | | |
| SOMN | comp=Z,232nm,21.9s,MS3.9,baz=111,slow=36 | | |
| SOMN | Songino Array | 34.18 315 | 17 12 01.3 +0.2 |
| SOMN | | P | 17 14 36.7 -0.3 |
| SOMN | | P | 17 18 17.4 +0.1 |
| SOMN | | P | 17 25 46.7 |
| SOMN | | P | 17 12 01.3 +0.2 |
| SOMN | | P | 17 14 36.7 |
| SOMN | | P | 17 12 02.0 -0.4 |
| SOMN | | P | 17 12 12.6 +3.2 |
| LUWI | Luwuk | 34.28 216 | 17 12 02.0 -0.4 |
| LUWI | comp=Z,1.1um,comp=Z,84nm,1.2s,mb5.5 | | |
| YAK | Yakutsk | 35.16 350 | 17 12 12.6 +3.2 |
| YAK | comp=Z,14nm,0.9s,mb4.9 | | |
| YAK | comp=N,7.0nm,1.3s | | |
| YAK | comp=N,25nm,0.9s,mb5.2 | | |
| KMI | Kunming | 35.33 275 | 17 12 11.7 +0.3 |
| KMI | | P | 17 12 28.3 +2.9 |
| KMI | | P | 17 12 35.3 +3.2 |
| KMI | | P | 17 13 34.2 +1.8 |
| KMI | | S | 17 17 41.5 -0.3 |
| KMI | | S | 17 18 09.2 +3.4 |
| KMI | | SS | 17 20 03.7 -1.4 |
| KMI | comp=Z,31nm,1.1s,mb5.2 | | |
| KMI | comp=N,300nm,20.2s | | |
| KMI | comp=E,190nm,12.7s | | |
| KMI | comp=Z,350nm,26.9s | | |
| SEY | Seymchan | 35.69 8 | 17 12 17.3 +3.3 |
| PCI | Palu | 35.79 212 | 17 12 15.3 0.0 |
| PCI | comp=Z,1.1um,comp=Z,86nm,1.5s,mb5.5 | | |
| GTA | Gaotai | 36.82 299 | 17 12 24.7 +0.8 |
| GTA | | P | 17 12 40.0 +1.8 |
| GTA | | P | 17 12 47.1 +2.4 |
| GTA | | P | 17 14 46.7 +1.8 |
| GTA | | P | 17 18 04.5 +0.2 |
| GTA | | S | 17 18 26.5 -0.6 |
| GTA | | S | 17 18 30.5 +2.2 |
| GTA | | P | 17 18 32.8 -0.2 |
| GTA | | SS | 17 20 34.4 -1.3 |
| GTA | | SS | 17 22 31.0 -3.1 |
| GTA | comp=Z,9.0nm,1.1s,mb4.5 | | |
| GTA | comp=Z,69nm,6.0s | | |
| GTA | comp=N,300nm,20.6s,MS4.2 | | |
| GTA | comp=E,250nm,21.5s,MS4.2 | | |
| GTA | comp=Z,300nm,21.5s,MS4.0 | | |
| KDI | Kendari | 36.85 214 | 17 12 24.9 +0.5 |
| KDI | comp=Z,997nm,comp=Z,84nm,1.1s,mb5.5 | | |
| BTM | Bitulu | 37.07 234 | 17 12 27.3 +1.0 |
| IRK | Irkutsk | 37.25 321 | 17 12 42.9 +1.3 |
| IRK | | e | |
| IRK | | e | |
| IRK | comp=Z,23nm,0.7s,mb5.1 | | |
| TLY | Talaya | 37.36 320 | 17 12 29.3 +1.0 |
| TLY | comp=Z,90nm,0.5s,mb5.9,SNR=7.2 | | |
| TLY | Talaya | 37.36 320 | 17 12 29.6 +1.3 |
| TLY | comp=Z,9.0nm,0.7s,mb4.7 | | |
| TLY | comp=Z,212nm,22.0s,MS3.9 | | |
| TLY | Talaya | 37.36 320 | 17 12 29.6 +1.3 |
| TLY | comp=Z,13nm,0.9s,mb4.8 | | |
| TLY | Talaya | 37.36 320 | 17 12 30.0 +1.6 |
| TLY | SNR=7.8 | | |
| SBUM | Sibu | 38.21 234 | 17 12 36.5 +0.5 |
| SBUM | Sibu | 38.21 234 | 17 12 36.0 +0.1 |
| SBUM | comp=Z,416nm,comp=Z,27nm,1.5s,mb4.8 | | |
| SPSI | Sidrap Palu | 38.34 218 | 17 12 37.9 +0.9 |
| MOY | Mondy | 38.87 319 | 17 12 42.0 +1.0 |
| KSM | Kuching | 40.26 235 | 17 12 53.5 +0.5 |
| KSM | Kuching | 40.26 235 | 17 12 52.4 -0.7 |
| KSM | Kuching | 40.26 235 | 17 12 50.9 -2.1 |
| STKI | Sintang | 40.41 232 | 17 12 54.7 +0.4 |
| STKI | comp=Z,18nm,1.5s,mb4.9 | | |
| CHTO | Chiang Mai | 40.57 267 | 17 12 54.9 -0.7 |
| CHTO | comp=Z,3um,comp=Z,92nm,1.1s,mb5.4 | | |
| CHTO | Chiang Mai | 40.57 267 | 17 12 54.9 -0.7 |
| CHTO | comp=Z,18nm,1.2s,mb4.6 | | |
| CHTO | Chiang Mai | 40.57 267 | 17 12 54.9 -0.7 |
| CHTO | comp=Z,18nm,1.2s,mb4.6 | | |
| CHTO | Chiang Mai | 40.57 267 | 17 12 55.5 -0.1 |
| CHTO | comp=Z,17nm,1.2s,mb4.5 | | |
| CM31 | Chiang Mai Arr | 40.70 266 | 17 12 53.9 -2.7 |
| CMAR | Chiang Mai Arr | 40.70 266 | 17 12 57.0 +0.4 |
| CMAR | comp=Z,2.3nm,0.4s,mb4.2,baz=82,slow=4.7,SNR=32 | | |
| CMAR | comp=Z,4.1nm,1.1s,baz=95,slow=1.1,SNR=7.1 | | |
| CMAR | comp=Z,2.4nm,1.2s,baz=46,slow=3.9,SNR=4.4 | | |
| CMAR | comp=Z,233nm,18.6s,MS4.1,baz=84,slow=35 | | |
| CMAR | Chiang Mai Arr | 40.70 266 | 17 12 57.1 +0.5 |
| CMAR | | P | 17 14 57.1 |
| KAKA | Kakadu | 41.44 194 | 17 13 01.8 -0.9 |
| KAKA | comp=Z,29nm,0.9s,mb4.9 | | |
| KAKA | Kakadu | 41.44 194 | 17 13 00.7 -2.0 |
| KAKA | comp=Z,36nm,0.5s,mb5.3 | | |
| BILL | Bilibino | 42.69 13 | 17 13 12.7 +0.4 |
| BILL | | P | 17 13 26.6 -0.2 |
| BILL | | P | 17 13 12.6 +0.3 |
| BILL | comp=Z,3.0nm,0.6s,mb4.2 | | |
| BILL | comp=Z,40nm,1.3s,mb5.0 | | |
| KTGM | Kuala Trengganu | 43.35 246 | 17 13 19.5 +1.2 |
| HKHI | Kahang-Kahang | 44.27 219 | 17 13 25.5 -0.2 |
| HKHI | comp=Z,2um,comp=Z,187nm,1.4s,mb5.6 | | |
| TIXI | Tiksi | 44.44 354 | 17 13 25.9 -0.4 |
| TIXI | | e | 17 13 40.5 -0.3 |
| TIXI | | e | 17 19 55.7 -1.2 |
| TIXI | comp=Z,3.0nm,0.5s,mb4.3 | | |
| TIXI | comp=Z,101nm,17.0s,MS3.8 | | |
| TIXI | Tiksi | 44.44 354 | 17 13 26.3 0.0 |
| LSA | Lhasa | 44.50 285 | 17 13 26.1 -1.3 |
| SHL | Shillong | 44.76 279 | 17 13 31.0 +1.5 |
| SHL | | eS | 17 20 02.0 -0.7 |
| SHL | | S | 17 13 32.0 +1.2 |
| SHL | | P | 17 13 32.2 +1.4 |
| MYKOM | Kota Tinggi | 44.91 241 | 17 13 34.1 +1.1 |
| MYKOM | Kota Tinggi | 44.91 241 | 17 13 33.7 +0.1 |
| MYKOM | comp=Z,658nm,comp=Z,65nm,1.0s,mb5.5 | | |
| KGM | Kluang | 45.19 242 | 17 13 32.1 +1.1 |
| KNA | Kunururra | 45.28 198 | 17 13 33.7 +0.1 |
| KNA | comp=Z,628nm,comp=Z,64nm,0.9s,mb5.4 | | |
| KULM | Kulim | 45.40 248 | 17 13 35.7 +1.0 |
| KULM | Kulim | 45.40 248 | 17 13 34.4 -0.3 |
| KULM | comp=Z,14nm,0.5s,mb5.1 | | |
| IPM | Iloilo | 45.55 247 | 17 13 36.9 +1.0 |
| IPM | Iloilo | 45.55 247 | 17 13 36.2 +0.3 |
| IPM | comp=Z,41nm,1.4s,mb5.2 | | |
| WMO | Urumqi | 46.15 305 | 17 13 41.5 +1.3 |
| WMO | | P | 17 13 57.0 +2.2 |
| WMO | | P | 17 14 04.1 +2.8 |
| WMO | | P | 17 15 16.5 +1.1 |
| WMO | | P | 17 15 30.9 +1.7 |
| WMO | | P | 17 20 23.2 +1.0 |
| WMO | | ScS | 17 23 28.5 -2.1 |

| | | | |
|------|------------------------------------|-----------|-----------------|
| WMQ | SS | SS | 17 23 41.6 -6.1 |
| WMQ | comp=Z,17nm,1.0s,mb4.9 | | |
| WMQ | comp=Z,160nm,5.6s | | |
| WMQ | comp=N,340nm,24.0s,MS4.2 | | |
| WMQ | comp=E,180nm,26.0s,MS4.2 | | |
| WMQ | comp=Z,210nm,26.0s,MS4.0 | | |
| CTA | Charters Tower | 47.84 175 | 17 13 52.0 -1.6 |
| CTA | Charters Tower | 47.84 175 | 17 13 51.4 -2.2 |
| CTA | comp=Z,3.9nm,0.5s,mb4.7 | | |
| CTA | comp=Z,1.3nm,1.0s,mb4.9 | | |
| CTA | Charters Tower | 47.84 175 | 17 13 51.4 -2.2 |
| CTA | comp=Z,1.3nm,1.0s,mb4.9 | | |
| CTA | Charters Tower | 47.84 175 | 17 13 51.4 -2.2 |
| CTA | comp=Z,1.3nm,1.0s,mb4.9 | | |
| TAPN | Tapejung | 47.95 283 | 17 13 54.6 +0.1 |
| LEM | Lembang | 48.03 229 | 17 13 55.3 +0.1 |
| LEM | comp=Z,3um,comp=Z,316nm,1.0s,mb6.3 | | |
| WRAB | Tennant Creek | 48.13 190 | 17 13 54.0 -1.8 |
| WRAB | comp=Z,7.15nm,0.5s | | |
| WRAB | Tennant Creek | 48.13 190 | 17 13 54.0 -1.8 |

| | | | | | | |
|-------|--|-------|-----|----|----|-----------------|
| O12A | Currie | 81.57 | 49 | ↑P | P | 17 17 33.8 +0.6 |
| G17A | Pierce Place, | 81.58 | 43 | ↑P | P | 17 17 33.8 +0.7 |
| H16A | Russell Field | 81.58 | 44 | ↑P | P | 17 17 34.0 +0.9 |
| N13A | Wendover, West | 81.64 | 48 | ↑P | P | 17 17 33.9 +0.3 |
| N13A | Wendover, West | 81.64 | 48 | ↑P | P | 17 17 33.6 +0.1 |
| Q11A | Duckwater | 81.65 | 51 | ↑P | P | 17 17 34.0 +0.4 |
| L14A | Malta | 81.69 | 47 | ↑P | P | 17 17 34.8 +1.1 |
| MPMC | Manual Prospe | 81.70 | 54 | P | P | 17 17 34.1 +0.1 |
| LRMC | Laurel Mountai | 81.83 | 54 | ↑P | P | 17 17 34.8 +0.1 |
| P12A | McGill | 81.85 | 50 | ↑P | P | 17 17 35.3 +0.6 |
| H16A | Newdale | 81.86 | 45 | ↑P | P | 17 17 35.4 +0.8 |
| M14A | Sheep Mountain | 81.88 | 47 | P | P | 17 17 35.6 +0.8 |
| F18A | Big Timber | 81.88 | 42 | P | P | 17 17 35.6 +0.9 |
| EDW2 | Edwards Air Fo | 81.90 | 55 | ↑P | P | 17 17 35.1 +0.1 |
| R11A | Troy Canyon, C | 81.94 | 51 | ↑P | P | 17 17 35.2 0.0 |
| FURC | Furnace Creek, | 81.95 | 53 | ↑P | P | 17 17 34.9 -0.4 |
| AKASG | Main Array Be | 82.01 | 324 | P | P | 17 17 35.0 -0.2 |
| AKASG | comp-Z,2.5nm,0.3s,mb4.6,baz=52,slow=5.3,SNR=21 | | | | | 17 57 01.5 |
| AKAB | Main Array Si | 82.02 | 324 | eP | P | 17 17 35.0 -0.3 |
| KIEV | Kiev | 82.02 | 324 | eP | P | 17 17 34.8 -0.5 |
| KIEV | comp-Z,6.0nm,0.5s,mb4.8 | | | | | 17 17 34.8 -0.5 |
| J16A | Bone | 82.09 | 45 | ↑P | P | 17 17 36.8 +0.9 |
| HVU | Hansel Valley | 82.11 | 47 | eP | P | 17 17 36.9 +0.9 |
| HVU | comp-Z,2.0nm,0.6s,mb4.2 | | | | | 17 17 36.9 +0.9 |
| HVU | Hansel Valley | 82.11 | 47 | eP | P | 17 17 36.9 +0.9 |
| Q12A | Willow Creek R | 82.11 | 50 | ↑P | P | 17 17 36.6 +0.5 |
| H17A | Grant Village | 82.16 | 44 | ↑P | P | 17 17 38.1 +2.0 |
| IMW | Indian Meadow | 82.19 | 44 | eP | P | 17 17 37.9 +1.5 |
| RR12 | Red Ridge | 82.24 | 45 | eP | P | 17 17 37.4 +0.8 |
| L15A | Malad City | 82.25 | 46 | P | P | 17 17 37.4 +0.7 |
| N14A | Grayback Hills | 82.31 | 46 | ↑P | P | 17 17 37.9 +0.7 |
| K16A | Soda Springs | 82.33 | 45 | ↑P | P | 17 17 38.3 +1.2 |
| U10A | Ash Meadows, A | 82.35 | 53 | ↑P | P | 17 17 37.7 +0.3 |
| TPAW | Teton Pass | 82.39 | 45 | eP | P | 17 17 38.3 +0.9 |
| SIM | Simferopol' | 82.41 | 317 | eS | S | 17 17 40.0 +2.5 |
| SIM | comp-Z,1.8nm,1.0s,mb5.0 | | | | | 17 27 53.0 +3.6 |
| SIM | comp-Z,9.0nm,1.8s,MS4.2 | | | | | MLR |
| BFSC | Mount Baldy Ra | 82.44 | 55 | ↑P | P | 17 17 37.9 0.0 |
| P13A | Bates Ranch, G | 82.46 | 49 | ↑P | P | 17 17 38.2 +0.3 |
| REDW | Red Top Meadow | 82.52 | 45 | eP | P | 17 17 38.5 +0.3 |
| REDW | comp-Z,4.9nm,1.1s,mb4.5 | | | | | 17 17 38.5 +0.3 |
| LOHW | Long Hollow | 82.55 | 44 | eP | P | 17 17 38.9 +0.7 |
| GSC | Goldstone | 82.55 | 54 | ↑P | P | 17 17 38.0 -0.4 |
| GSC | Goldstone | 82.55 | 54 | eP | P | 17 17 38.3 -0.1 |
| GSC | comp-Z,10.0nm,0.9s,mb4.8 | | | | | 17 17 38.3 -0.1 |
| RLMT | Red Lodge | 82.56 | 43 | P | P | 17 17 39.7 +1.4 |
| RLMT | Red Lodge | 82.56 | 43 | eP | P | 17 17 39.3 +1.0 |
| R12A | Pony Springs, | 82.62 | 51 | ↑P | P | 17 17 39.0 +0.3 |
| SHOC | Shoshone | 82.64 | 53 | ↑P | P | 17 17 39.0 +0.1 |
| Q13A | Wheeler Ranch, | 82.70 | 50 | ↑P | P | 17 17 39.7 +0.5 |
| T11A | Corn Creek, Al | 82.73 | 52 | P | P | 17 17 39.8 +0.5 |
| S12A | Delamar Landin | 82.81 | 51 | ↑P | P | 17 17 39.8 +0.1 |
| L16A | Fish Haven | 82.86 | 46 | ↑P | P | 17 17 39.8 -0.1 |
| DUG | Dugway | 82.89 | 48 | ↑P | P | 17 17 40.8 +0.7 |
| DUG | Dugway | 82.89 | 48 | eP | P | 17 17 40.5 +0.4 |
| DUG | comp-Z,1.6nm,1.0s,mb5.0 | | | | | 17 17 40.5 +0.4 |
| DUG | Dugway | 82.89 | 48 | eP | P | 17 17 40.5 +0.4 |
| NB2 | NORSAR Subaru | 82.90 | 338 | P | P | 17 17 39.4 -0.3 |
| NOA | NORSAR Array B | 82.90 | 338 | P | P | 17 17 39.8 +0.1 |
| NOA | comp-Z,5.1nm,0.8s,mb4.6,baz=42,slow=5.2,SNR=13 | | | | | 17 57 39.7 |
| NOA | comp-Z,8.0nm,2.2s,MS4.0,baz=45,slow=3.8 | | | | | 17 17 39.8 +0.1 |
| NOA | NORSAR Array B | 82.90 | 338 | LR | LR | 17 57 39.7 |
| HWUT | Hardware Ranch | 82.98 | 47 | LR | LR | 17 17 40.9 +0.3 |
| SUW | Suwalki | 83.00 | 329 | eP | P | 17 17 40.0 -0.4 |
| SUW | comp-Z,1.6nm,1.0s,mb5.0 | | | | | 17 17 55.8 -0.4 |
| SUW | Suwalki | 83.00 | 329 | eP | P | 17 17 40.0 -0.4 |
| SUW | comp-Z,1.6nm,0.3s,mb5.5 | | | | | 17 17 40.0 -0.4 |
| P14A | Drum Mountains | 83.03 | 49 | ↑P | P | 17 17 40.8 0.0 |
| MURC | Murieta | 83.08 | 56 | ↑P | P | 17 17 41.0 -0.2 |
| TUQ | Turquoise Moun | 83.12 | 54 | ↑P | P | 17 17 41.5 +0.1 |
| J18A | Kendall Valley | 83.12 | 45 | ↑P | P | 17 17 41.2 0.0 |
| HEC | Hector, Ludlow | 83.12 | 54 | ↑P | P | 17 17 41.2 -0.2 |
| R13A | O'Grain Ranch, | 83.13 | 50 | ↑P | P | 17 17 39.8 -1.5 |
| L17A | Cokeville | 83.17 | 46 | P | P | 17 17 42.3 +0.8 |
| Q14A | Sevier Lake (B | 83.19 | 49 | ↑P | P | 17 17 42.0 +0.4 |
| V11A | Goodsprings | 83.27 | 53 | ↑P | P | 17 17 41.7 -0.4 |
| K18A | Camp Tracy | 83.33 | 47 | eP | P | 17 17 43.0 +0.6 |
| LAO | Toltan Ranch, | 83.41 | 45 | ↑P | P | 17 17 43.3 +0.6 |
| L7A | LASA Array | 83.49 | 40 | ↑P | P | 17 17 43.3 +0.3 |
| NLU | North Lily Min | 83.50 | 48 | eP | P | 17 17 43.5 +0.3 |
| S13A | Holt Ranch, En | 83.50 | 51 | ↑P | P | 17 17 43.8 +0.6 |
| P15A | Leamington | 83.56 | 49 | ↑P | P | 17 17 44.2 +0.6 |
| JLU | Jordanelle | 83.57 | 47 | eP | P | 17 17 44.1 +0.5 |
| JLU | comp-Z,2.4nm,0.6s,mb4.5 | | | | | 17 17 59.5 0.0 |
| U12A | Valley of Fire | 83.60 | 52 | ↑P | P | 17 17 43.8 -0.1 |
| DGMT | Dagmar | 83.61 | 38 | ↑P | P | 17 17 43.5 -0.1 |
| PFO | Pinyon Flat Ob | 83.62 | 55 | P | P | 17 17 43.0 -1.0 |

| | | | | | | |
|------|---|-------|-----|----|---|-----------------|
| PFO | Pinyon Flat Ob | 83.62 | 55 | P | P | 17 17 43.8 -0.2 |
| PFO | Pinyon Flat Ob | 83.62 | 55 | eP | P | 17 17 43.4 -0.6 |
| PFO | comp-Z,1.3nm,1.1s,mb5.0 | | | | | 17 18 00.3 +0.5 |
| PFO | Pinyon Flat Ob | 83.62 | 55 | eP | P | 17 17 43.4 -0.6 |
| PFO | comp-Z,1.3nm,1.1s,mb5.0 | | | | | 17 18 00.3 +0.4 |
| GMRC | Granite Mounta | 83.63 | 54 | ↑P | P | 17 17 43.8 -0.2 |
| M17A | Scullys Gap (B | 83.63 | 46 | ↑P | P | 17 17 44.1 +0.3 |
| BW06 | Boulder Array | 83.64 | 45 | ↑P | P | 17 17 43.8 -0.1 |
| PDAR | Pinedale Array | 83.64 | 45 | P | P | 17 17 43.6 -0.3 |
| PDAR | comp-Z,4.8nm,0.9s,mb4.6,baz=298,slow=5.7,SNR=28 | | | | | 17 21 02.2 +5.6 |
| PDAR | comp-Z,1.2nm,1.0s,baz=285,slow=5.7,SNR=35 | | | | | 17 47 51.5 |
| ARUT | Antelope Range | 83.69 | 51 | eP | P | 17 17 44.4 +0.2 |
| ARUT | Antelope Range | 83.69 | 51 | eP | P | 17 17 59.7 -0.4 |
| ARUT | Antelope Range | 83.69 | 51 | eP | P | 17 17 44.4 +0.2 |
| ARUT | comp-Z,2.2nm,1.3s,mb5.1 | | | | | 17 17 59.7 -0.4 |
| R14A | James Farms, M | 83.71 | 50 | ↑P | P | 17 17 43.8 -0.6 |
| V12A | Nelson | 83.73 | 53 | ↑P | P | 17 17 43.9 -0.6 |
| O16A | Springville | 83.75 | 48 | ↑P | P | 17 17 44.1 -0.4 |
| T13A | Saint George | 83.75 | 51 | ↑P | P | 17 17 44.2 -0.4 |
| BELC | Belle Mtn, Jos | 83.76 | 55 | ↑P | P | 17 17 43.6 -1.1 |
| L18A | Fontenelle, Gr | 83.79 | 46 | ↑P | P | 17 17 43.9 +0.2 |
| N17A | Moffitt Pass | 83.80 | 47 | ↑P | P | 17 17 44.4 -0.4 |
| DAU | Daniels Canyon | 83.80 | 47 | eP | P | 17 17 45.7 +0.9 |
| DAU | comp-Z,5.1nm,1.5s,mb5.4 | | | | | 17 17 45.7 +0.9 |
| DAU | Daniels Canyon | 83.80 | 47 | eP | P | 17 17 45.3 +0.1 |
| LDFC | Landfair | 83.87 | 54 | eP | P | 17 17 45.3 +0.1 |
| S14A | Cedar City | 83.88 | 50 | ↑P | P | 17 17 43.3 -2.0 |
| MONP | Monument Peak | 84.00 | 56 | ↑P | P | 17 17 45.3 -0.6 |
| U13A | Pakoon Wash | 84.01 | 52 | ↑P | P | 17 17 46.0 +0.1 |
| M18A | Lymn | 84.03 | 46 | ↑P | P | 17 17 45.5 -0.4 |
| K19A | Absolon Red Bu | 84.05 | 44 | ↑P | P | 17 17 46.0 0.0 |
| L19A | Farson | 84.12 | 45 | ↑P | P | 17 17 46.6 +0.3 |
| MSU | Marysville | 84.17 | 49 | eP | P | 17 17 47.4 +0.7 |
| MSU | comp-Z,5.0nm,1.8s,mb5.3 | | | | | 17 17 47.4 +0.7 |
| MSU | Marysville | 84.17 | 49 | eP | P | 17 17 46.8 -0.2 |
| O17A | Robinson Place | 84.25 | 47 | ↑P | P | 17 17 47.1 -0.2 |
| V13A | Grand Canyon W | 84.28 | 52 | ↑P | P | 17 17 47.2 -0.2 |
| IRM | Iron Mountain | 84.30 | 54 | ↑P | P | 17 17 47.2 -0.2 |
| T14A | Hurricane | 84.30 | 51 | ↑P | P | 17 17 46.9 -0.5 |
| BC3 | Big Chuckawall | 84.33 | 50 | P | P | 17 17 47.8 +0.2 |
| DVTC | Desert V Tower | 84.34 | 56 | ↑P | P | 17 17 47.3 -0.4 |
| K20A | Yellowstone Ra | 84.46 | 44 | ↑P | P | 17 17 48.2 +0.2 |
| S15A | Panguitch | 84.48 | 50 | ↑P | P | 17 17 47.8 -0.5 |
| N18A | Laram Ranch, | 84.52 | 46 | ↑P | P | 17 17 48.5 +0.1 |
| U14A | Mt Trumbull | 84.56 | 52 | ↑P | P | 17 17 47.9 -0.8 |
| P17A | Butcher Ranch, | 84.63 | 48 | ↑P | P | 17 17 49.0 0.0 |
| Q16A | Castle Valley | 84.63 | 49 | ↑P | P | 17 17 49.7 +0.7 |
| O18A | Roosevelt | 84.69 | 47 | ↑P | P | 17 17 50.1 +0.8 |
| R16A | Teasdale | 84.76 | 49 | ↑P | P | 17 17 50.2 +0.6 |
| T15A | Red Dirt Ranch | 84.80 | 51 | ↑P | P | 17 17 50.3 +0.4 |
| P18A | Preston Nutter | 84.87 | 48 | ↑P | P | 17 17 50.3 +0.1 |
| N19A | John Jarvie Ra | 84.89 | 46 | ↑P | P | 17 17 50.6 +0.4 |
| PDMO | Parker Dam,Lak | 84.95 | 54 | ↑P | P | 17 17 51.0 +0.3 |
| Y12C | Blythe | 84.95 | 55 | ↑P | P | 17 17 50.6 -0.1 |
| SRU | San Rafael | 84.96 | 48 | ↑P | P | 17 17 51.1 +0.5 |
| SRU | San Rafael | 84.96 | 48 | eP | P | 17 17 51.0 +0.3 |
| SRU | comp-Z,9.0nm,0.6s,mb5.1 | | | | | 17 17 51.0 +0.4 |
| SRU | San Rafael | 84.96 | 48 | eP | P | 17 17 51.0 +0.4 |
| SRU | comp-Z,9.4nm,0.6s,mb5.1 | | | | | 17 18 08.8 +2.3 |
| S16A | Weppner Ranch, | 84.97 | 50 | ↑P | P | 17 17 50.8 -0.1 |
| V14A | Boquillas Ranc | 85.01 | 52 | ↑P | P | 17 17 50.8 -0.1 |
| X13A | Yucca | 85.03 | 53 | ↑P | P | 17 17 51.1 0.0 |
| GLA | Glamis | 85.08 | 55 | ↑P | P | 17 17 51.3 -0.1 |
| GLA | Glamis | 85.08 | 55 | eP | P | 17 17 50.5 -0.9 |
| GLA | comp-Z,14nm,1.0s,mb5.0 | | | | | 17 17 50.5 -0.9 |
| GLA | Glamis | 85.08 | 55 | eP | P | 17 17 50.5 -0.9 |
| U15A | North Rim | 85.17 | 51 | ↑P | P | 17 17 52.5 +0.8 |
| M20A | Sweetwater, Wa | 85.19 | 45 | ↑P | P | 17 17 52.2 +0.5 |
| R17A | Hanksville Air | 85.20 | 49 | P | P | 17 17 51.9 0.0 |
| Q18A | Rafter H Ranch | 85.22 | 48 | ↑P | P | 17 17 51.5 -0.5 |
| W14A | Seligman | 85.24 | 53 | ↑P | P | 17 17 51.9 -0.2 |
| O19A | Miners Draw (B | 85.24 | 47 | ↑P | P | 17 17 51.7 -0.4 |
| Y13A | Salome | 85.42 | 54 | ↑P | P | 17 17 53.4 +0.4 |
| L21A | Rawlins | 85.44 | 45 | ↑P | P | 17 17 53.7 +0.7 |
| BR13 | Keakin Array S | 85.50 | 313 | eP | P | 17 17 53.6 +0.2 |
| BRTR | Keakin Array B | 85.50 | 313 | P | P | 17 17 53.9 +0.5 |
| N20A | Spence Gulch, | 85.50 | 46 | ↑P | P | 17 17 54.3 +1.0 |
| M21A | Separation Pea | 85.64 | 45 | ↑P | P | 17 17 54.0 0.0 |
| RWWY | Rawlins | 85.69 | 45 | eP | P | 17 17 54.4 +0.1 |
| P19A | Cripple Cowboy | 85.69 | 47 | ↑P | P | 17 17 54.8 +0.4 |
| X14A | Yava | 85.76 | 53 | ↑P | P | 17 17 54.9 +0.1 |
| R18A | Canyonlands Na | 85.76 | 49 | ↑P | P | 17 17 54.6 -0.1 |
| W15A | Williams | 85.83 | 52 | ↑P | P | 17 17 55.1 0.0 |
| BSD | Bornholm Skovb | 85.85 | 333 | eP | P | 17 17 53.9 -0.8 |
| BSD | comp-Z,12nm,1.0s,mb5.1 | | | | | 17 17 53.9 -0.8 |
| BSD | Bornholm Skovb | 85.85 | 333 | iP | P | 17 17 53.9 -0.8 |
| Z13A | Yuma Proving G | 85.86 | 55 | ↑P | P | 17 17 55.6 +0.4 |

| | | | | | | |
|-------|-----------------|-------|----|----|---|-----------------|
| Q19A | Hogan Spring (| 85.88 | 48 | ↑P | P | 17 17 54.7 -0.5 |
| T17A | Navajo Reser, N | 85.89 | 50 | ↑P | P | 17 17 55.3 -0.1 |
| Q20A | White River Ci | 85.90 | 46 | ↑P | P | 17 17 55.7 +0.4 |
| BUR08 | Bucovina Ar, S | 85.9 | | | | |

Table with columns: STKA, Stephens Creek, 26.93 188, etc. Includes various station names and coordinates.

Table with columns: HHC, Hu-ho-hao-te, 55.35 329, etc. Includes various station names and coordinates.

Table with columns: AKTK, Aktuyubinsk, 92.36 320, etc. Includes various station names and coordinates.

ISCJB 06 17:37:36.9, 0.6, 36.98N, 0.03-29.18E, 0.03, h4km, 5km, Error ellipse: s-maj=4.7km s-min=3.8km az=19.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like Gilhisar, Burdu, etc.

BUI 17:44:10.7, 7.36S, 130.05E, h144km, mB4.8/19, mb4.7/31 MOS 06 17:44:12.6, 0.9, 6.75S, 129.48E, h112km, mb4.9/15, Error ellipse: s-maj=16.5km s-min=7.3km az=115.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like TLE, TLI, AAI, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Marisa, Palu, Fitzroy Crossi, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like CD2, XAN, BJI, LZH, HHC, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like NVS, MAW, BVAR, BRVK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists various stations like VLX, RLS, RLS, RLS, etc.

IDC 06 19:58:51.3, 0.9, 15:34N, 122:75E, h0km, mb3.7/8, mb1 3.9/9, mb1mx3.7/24, mbtm3.8/9, ML4.8/1, Error ellipse: s-maj=27.5km s-min=15.3km az=66.0

MAN 06 19:58:53.1, 54.0N, 122:44E, h1km, mb5.3, ML4.3, MS4.5 IDC/B 06 19:58:54.6, 11.1, 15:34N, 122:51E, 0.07, h1km, 11km, mb3.7/10, Error ellipse: s-maj=11.1km s-min=5.6km az=166.4

NEIC 06 19:58:56.0, 0.6, 15:30N, 122:73E, h35km, mb3.8/3, Error ellipse: s-maj=15.4km s-min=8.9km az=57.0

IDC 06 19:58:57.4, 0.6, 15:40N, 122:49E, h0.06, h42km, 8km, n28, s132/32, mb3.7/10, 1D, Philippine Islands region

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

IGQ 06 19:32:32.3, 1:11E:78:28W, h9km, 1km, Mb4.0, Ms3.8, 39C-3D, Error ellipse: s-maj=1.1km s-min=0.3km az=3.7, Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like PISA, BRUN, RUNS, etc.

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

ISCJB 06 20:25:53.2, 1.0, 35:65N, 120:70W, 0:05, h8km, 6km, Error ellipse: s-maj=7.2km s-min=4.9km az=145.6

NEIC 06 20:25:54.5, 35:64N, 120:76W, h6km, MW3.7(BRK), After NCDC.

NEIC Felt at Paso Robles. ISC 06 20:25:54.0, 1.0, 35:65N, 120:68W, 0:05, h12km, 6km, n23, s117/36, 8C-11D, Central California

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

NNC 06 20:26:09.1, 2.8, 41:96N, 79:46E, h0km, mb3.6, mpv3.1, 2C-1D, Error ellipse: s-maj=25.8km s-min=8.7km az=167.0, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like KNDC, KNDC, MK31, MK31, etc.

ISCJB 06 20:26:32.3, 0.3, 34:83N, 102:116:31W, 0:02, h7km, 2km, Error ellipse: s-maj=2.6km s-min=2.5km az=141.0

ISC 06 20:26:33.0, 0.3, 34:84N, 101:116:33W, 0:02, h10km, 2km, n46, s65/46, 34C-36B, Southern California

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like SHOC, IRM, IRM, PFO, PFO, etc.

BJI 06 20:39:17.8, 37:40N, 72:10E, h215km, ISCJB 06 20:39:18.5, 0.3, 37:26N, 102:72:27E, 0:05, h219km, 5km, mb3.9/12, Error ellipse: s-maj=6.7km s-min=3.7km

NNC 06 20:39:20.7, 6.8, 38:01N, 72:76E, h0km, mb4.5, mpv4.1, Error ellipse: s-maj=7.1km s-min=39.5km az=41.0

NEIC 06 20:39:20.8, 0.5, 37:43N, 72:13E, h216km, 6km, mb4.4/4, Error ellipse: s-maj=9.3km s-min=6.8km az=115.0

IDC 06 20:39:23.6, 2.1, 37:58N, 72:23E, h238km, 16km, mb3.5/9, mb1 3.8/15, mb1mx3.5/29, mbtm3.7/15, Error ellipse: s-maj=17.9km s-min=13.9km az=159.0

ISC 06 20:39:19.5, 0.3, 37:31N, 102:03:72:21E, 0:05, h12km, 5km, n64, s91/82, mb3.9/12, 6C-4D, Tajikistan

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

Table with columns: STKA, QSPA, SBA, MMAI, EKSZ, GNI, CSS, GTA, MK31, MKAR, BRTR, BR13, ABKAR, KURK, KURK, SONM, SONM, ZALV, ZALV, ARU, TLY, KSRs, KSRs, KEST, AKASQ, AKU, MJAR, FINES, ESDC. Includes station names, coordinates, and times.

ISCJB 06 23:16:02.6-2.1, 9.04S; 0.07; 79.3W; 0.2, h56km, 21km, mb1.1/8, MS2.9/3, Error ellipse: s-maj=30.0km s-min=8.7km az=164.8

NEIC 06 23:16:02.0, 9.24S; 79.46W, h55km, mb4.3/2, After LIM. NEIC Felt [I] at Chimbote.

ISC 06 23:16:02.1, 8.90AS; 0.07; 79.2W; 0.2, h75km, 17km, n31, r156; 20, mb4.0/8, Off coast of northern Peru

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ATAH, NNA, OTAV, LPAZ, ROSC, SDV, CMIG, TEIG, MIAR, ACQU, ANMO, RKT, HWUT, PDAR, NVAR, PPT, YKA, QSPA, ASAR, KURK, WRA.

ISC 06 23:23:47.8-1.9, 10.72N; 91.94E, h0km, mb4.0/9, s-maj=72.0km s-min=16.7km az=65.0

ISCJB 06 23:23:50.3-0.8, 10.7N; 0.1; 91.9E; 0.2, h33km, mb3.9/12, Error ellipse: s-maj=32.7km s-min=10.6km az=149.5

NEIC 06 23:23:52.3-0.7, 10.73N; 91.83E, h35km, mb4.0/5, Error ellipse: s-maj=30.8km s-min=10.9km az=59.0

ISC 06 23:52:6.0, 10.93N; 91.91E; 0.2, h35km, n20, r069; 20, mb3.9/12, Andaman Islands region

Table with columns: MK31, MKAR, SONM, ULN, KURK, KSRs, ZALV, FITZ, FITZ, WRA, WRAB, ASAR, CTAO, STKA, STKA, STKA, ESLA. Includes station names, coordinates, and times.

IDC 06 23:26:30.8-1.0, 15.37N; 122.77E, h0km, mb4.0/9, mb1.4/1.9, mb1mx3.8/24, mbtmp4.0/9, ML4.9/1, MS3.7/2, Ms1.1/2.7, ms1mx2.8/23, Error ellipse: s-maj=28.8km s-min=16.9km az=73.0

ISCJB 06 23:26:34.3-1.3, 15.38N; 0.05; 122.56E; 0.09, h34km; 11km, mb4.0/11, MS3.7/2, Error ellipse: s-maj=15.0km s-min=8.1km az=168.4

MAN 06 23:26:34.3-1.3, 15.39N; 122.32E, h4km, mb4.9, ML3.8, MS3.9 NEIC 06 23:26:36.0-0.4, 15.32N; 122.75E, h35km, mb4.2/4, Error ellipse: s-maj=15.5km s-min=6.9km az=71.0

ISC 06 23:26:36.2-0.2, 15.32N; 0.05; 122.46E; 0.06, h27km, 19km, n27, r138/30, mb4.0/11, MS3.7/2, 1C, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like POLP, BALP, PCPH, CAUP, TGy, PVCP, LUBP, APY, SJMP, CMAR, FITZ, FITZ, WRAB, WRA, TLY, ASAR, MKAR, ZALV, EKSZ, KURK, KURK, BVAR, BRVK, ARU, ARU, FINES.

NEIC 06 23:58:29.7, 43.11S; 170.93E, h6km, ML3.9(WEL), After WEL

WEL 06 23:58:29.6-0.1, 43.11S; 170.93E, h5km, ML3.9/22, 2C-2D, Error ellipse: s-maj=0.9km s-min=0.8km az=90.0, South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WVV, WVV, WVV, RPZ, RPZ, RPZ, FOF, FOF, FOF, LTZ, LTZ, LTZ, CRZ, CRZ, CRZ, EAZ, EAZ, EAZ, LBL, LBL, LBL, MOZ, MOZ, MOZ, DSZ, DSZ, DSZ, JCC, JCC, JCC, ODZ, ODZ, ODZ, THZ, THZ, THZ, KHZ, KHZ, KHZ, WKZ, WKZ, WKZ, EAZ, EAZ, EAZ, QZ, QZ, QZ, NNZ, NNZ, NNZ, TWZ, TWZ, TWZ, TUZ, TUZ, TUZ, TCW, TCW, TCW, HYZ, HYZ, HYZ, HIZ, HIZ, HIZ.

MEX 07 00:07:41.2-0.7, 16.71N; 99.71W, h25km, 28km, MD3.6, Near coast of Guerrero

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

Table with columns: MEIG, PNIG, PNIG, UTMU, UTMU, MZVM, MZVM, PPM, PPM. Includes station names, coordinates, and times.

CRAAG 07 00:08:09.8, 35.50N; 6.14E, ML3.8 CSEM 07 00:08:15.6; 0.5, 35.75N; 6.15E, h10km, ML3.5, Error ellipse: s-maj=11.4km s-min=5.4km az=174.1

NEIC 07 00:08:16.2, 35.78N; 6.03E, h2km, ML3.5(ALG), After CSEM. ISC 07 00:08:17.2-0.8, 35.83N; 0.05; 6.11E; 0.04, h17km, 5km, n62, r130/85, Northern Algeria

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CTEI, CTEI, CKHR, CKHR, CKHR, CASM, CASM, SET, SET, DFRA, DFRA, CKFL, CKFL, CKFL, CAEH, CAEH, CAEH, ABSA, ABSA, CMAH, CMAH, AKF, AKF, AKF, EMHD, EMHD, KEST, KEST, KEST, EBNB, EBNB, EBNB, ETRT, ETRT, ETRT, ENAT, ENAT, ENAT, ETOS, ETOS, ETOS, EIBI, EIBI, EIBI, EIBI, EBEN, EBEN, EBEN, EBEN, EBEN, CFON, CFON, CFON, ETOB, ETOB, ETOB, EPOB, EPOB, EPOB, ERTA, ERTA, ERTA, EMOS, EMOS, EMOS, CCLI, CCLI, CCLI, CCLI, CSOR, CSOR, CSOR, EQES, EQES, EQES, ESAC, ESAC, ESAC, ELIZ, ELIZ, ELIZ, EALK, EALK, EALK.

IDC 07 00:12:02.0-0.8, 19.34N; 146.46E, h0km, mb3.8/3, mb1.4/0.3, mb1mx3.5/22, mbtmp3.8/3, Error ellipse: s-maj=37.1km s-min=36.6km az=92.0, Mariana Islands region

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

CASC 07 00:29:46.6-1.7, 14.10N; 93.59W, h22km, 999km, MD3.9, mb3.9(NEIC)

IDC 07 00:29:48.2-1.1, 14.20N; 93.27W, h0km, mb3.9/9, mb1.4/1.12, mb1mx3.9/25, mbtmp3.9/12, ML3.8/3, MS3.3/5, Ms1.3/4.5, ms1mx3.0/27, Error ellipse: s-maj=31.8km s-min=14.8km az=43.0

MEX 07 00:29:49.0-0.8, 14.05N; 93.42W, h16km, 22km, MD4.4 NEIC 07 00:29:49.4, 14.05N; 93.42W, h16km, 22km, mb3.9/11, MD4.4(MEX), After MEX

ISCJB 07 00:29:52.0-0.9, 14.29N; 0.05; 93.16W; 0.05, h40km, 8km, mb3.9/14, MS3.4/4, Error ellipse: s-maj=10.9km s-min=5.0km az=135.1

ISC 07 00:29:53.1-1.5, 14.26N; 0.04; 93.18W; 0.04, h30km, 11km, n114, r094/124, mb3.9/15, MS3.4/4, 32C-27D, Near coast of Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like THIG, THIG, THIG, PJAT, PJAT, PJAT, TP2, TP2, TP2, FUEG, FUEG, FUEG, TGIG, TGIG, TGIG, SCX, SCX, SCX, APG, APG, APG, HUIG, HUIG, HUIG.

BEO 07 02:07:41.8±0.5, 41°16'N-23°40'E, h0km±5km, ML1.8/4
SKO 07 02:07:41.1, 41°17'N-23°52'E, h2km, M1.5, ML1.7
THE 07 02:07:41.7, 41°55'N-23°42'E, h20km±1km, ML2.7/5, Error

ellipse: s-maj=1.7km s-min=0.6km az=269.0
ISC 07 02:07:40.6±0.5, 41°58'N-02°23'43E±0.04, h13km±5km,
n28, c080/55, Greece-Bulgaria border region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC. Lists stations like Valandovo, Kavala, Thessaloniki, etc.

NEIC 07 02:18:21.2, 43°04'N-17°94'E, h11km, ML2.5(PDG), After PDG.

ISCJB 07 02:18:21.1±0.4, 43°09'N-0°02'17.94E±0.03, h10km, Error

ellipse: s-maj=3.4km s-min=2.7km az=43.5
PDG 07 02:18:21.2, 0.1, 43°04'N-17°94'E, h11km, MD2.4/1,

ML2.5/10, Error ellipse: s-maj=0.5km s-min=0.9km az=0.0
CSEM 07 02:18:21.3±0.3, 43°07'N-17°95'E, h2km, ML2.5/10, Error

ellipse: s-maj=5.0km s-min=4.0km az=37.0
VIE 07 02:18:22.8±0.9, 43°19'N-18°26'E, h10km, mb2.3/1, ML1.8/1,

Error ellipse: s-maj=17.9km s-min=6.4km az=53.0 73 km S of Sarajevo

BEO 07 02:18:22.1±0.5, 43°11'N-17°90'E, h4km±3km, ML2.8/4

ISC 07 02:18:21.0±0.5, 43°10'N-02°17'89E±0.03, h3km±5km,
n48, c195/90, 24C-6D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC. Lists stations like Ston, Trebinje, Bratogost, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC. Lists stations like Tirane, Novalja, Barje, etc.

JMA 07 02:26:42.9±0.1, 28°83'N-140°11'E, h489km, M3.6

ISCJB 07 02:26:43.2±0.6, 28°79'N-0°07'139.7E±0.2, h464km±10km,
mb3.7/10, Error ellipse: s-maj=33.6km s-min=7.9km

az=167.7
IDC 07 02:26:43.3±0.9, 28°66'N-139°52'E, h453km, mb3.3/8,

mb1.3-4/10, mb1mx3.1/25, mbtmp3.3/10, Error ellipse:
s-maj=62.4km s-min=29.8km az=39.0

ISC 07 02:26:44.2±0.5, 28°32'N-0°07'139.9E±0.2, h467km±10km,
n25, c0877/32, mb3.7/10, Bonin Islands region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC. Lists stations like CBIJ, BSO1, BSO3, etc.

ISCJB 07 02:29:54.9±0.7, 31°32'N-0°05'103°33E±0.09, h10km,
mb3.5/9, Error ellipse: s-maj=11.3km s-min=5.8km

IDC 07 02:29:54.8±1.2, 31°20'N-103°42'E, h0km, mb3.6/5,

mb1.3-8/10, mb1mx3.5/25, mbtmp3.6/7, ML3.6/2, Error
ellipse: s-maj=35.2km s-min=21.5km az=58.0

BUI 07 02:29:56.8, 31°32'N-103°41'E, h17km, mb4.2/1, mb4.3/1,

ML3.6/18, M57.3/4/1
ISC 07 02:29:56.9±0.6, 31°37'N-0°03'103°44E±0.07, h10km, n12,

c1919/21, mb3.5/5, Sichuan

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC. Lists stations like Chengdu, Lanzhou, Guiyang, etc.

Scale 1016Nm; Mr1.70±13; Mw-2.27±10; Mx0.56±11;
Mw-0.88±9; Mw1.06±10; Mw-0.56±08; Best double
couple: M2.50000±0.16; NP1±0.137.00000±0.845.00000±

λ.135.00000±. NP2±0.262.00000±.δ60.00000±.λ55.00000±.
Principal axes: T.2.2700, Plg59.0000±, Azm121.0000±,

N.0.4400, Plg30.0000±, Azm281.0000±; P.-2.7200,
Plg9.0000±, Azm16.0000±; Data Used: IU II CN IC G.

ISC 07 02:50:37.0±0.2, 25°30'N-03°05'13E±0.02, h73km,
h73km±5km; pp-P, n377, r1912/347, mb4.7/120, 25C-17D,

Myanmar-India border region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC. Lists stations like Imphal, Shillong, Agartala, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Sundarnagar, BhaKra, Akola, Wuhan, Hyderabad, Thein Dam, Ajmer, Latur, Urumqi, Erkin-Say, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Kota Tinggi, Mondy, Karatay Array, Talaya, Kurchatov, Zalesovo Array, Korea Array, Novosibirsk, Changchun, Borovoye Array, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Storozhevo, Obninsk, Mount Meron Ar, Marble Bar, Keskin Array S, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like CMCH Combarbala, JACH Jahuel, CLCH Cerro Calan, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like FCH Farellones, JACH Jahuel, CLCH Cerro Calan, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like TGUH Tegucigalpa, CMIG Matias Romero, CMIG Oaxaca, etc.

WEL 07 03:42:43.6±0.5, 38.21Sx176.08E, h151km, 4km, ML3.5/7, Error ellipse: s-maj=4.5km s-min=4.2km az=90.0, North Island

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like URZ Urewera, BKZ Black Stump Fm, OTVZ Otutere, etc.

NEIC 07 04:22:31.8, 61.38N-146.81W, h14km, ML3.6(PMR), ML3.5(AEIC), After AZC, Southern Alaska

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like DIV Divide, KMK Knik Glacier, SML Sawmill, etc.

IDC 07 04:27:35.6±1.0, 15.38N-122.74E, h0km, mb3.6/6, mb1 3.8/6, mb1mx3.6/21, mbtm3.7/6, ML4.8/1, Error ellipse: s-maj=29.5km s-min=17.3km az=26.0

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like HUG Huatulco, HUG Huatulco, Oaxaca Oaxaca, etc.

IDC 07 04:27:36.0±0.7, 15.40N-122.75E, h0km, mb3.7/6, Error ellipse: s-maj=7.6km s-min=5.6km az=17.2

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like RND Redoubt, BPAW Bear Paw Mtn, COLA College, etc.

IDC 07 04:43:50.8±3.9, 13.45N-91.52W, h0km, mb3.6/4, mb1 4.1/6, mb1mx3.8/19, mbtm3.7/6, ML3.9/1, Error ellipse: s-maj=59.2km s-min=26.9km az=167.0

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like JAT Jato, FUG Fuego 3, PGC Pacaya, etc.

IDC 07 04:43:54.6±0.9, 13.64N-0.049158W, h0.03, h15km, mb3.7/5, Error ellipse: s-maj=7.9km s-min=3.5km az=20.3

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

ISC 07 04:27:39.0±0.6, 15.40N-122.75E, h35km, mb4.6/1, Error ellipse: s-maj=20.4km s-min=11.6km az=80.0

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like POLP Polilio Island, BALP Baler, PCPH Palayan, etc.

ISC 07 04:43:55.8±1.1, 13.87N-0.049152W, h0.02, h11km, 7km, n119, r101/142, mb3.7/5, 36C-42D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like JAT Jato, FUG Fuego 3, PGC Pacaya, etc.

CASC 07 04:43:57.2±1.5, 13.60N-91.39W, h13km, 1.3km, MD3.8, mb3.9(NEIC)

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like MEX 07 04:43:59.2±0.7, 13.58N-91.88W, h20km, 25km, MD4.6, etc.

| | | | | | | | |
|------|-----------------|------------|------|----|---|------------|------|
| D12A | Red Ives Fores | 82.28 | 36 | ↑P | P | 04 57 02.5 | -1.1 |
| S21A | Coal Bank Pass | 82.29 | 47 | ↑P | P | 04 57 04.4 | +0.5 |
| BP4W | Gear Paw Mtns | 82.30 | 10 | eP | P | 04 57 01.4 | -2.0 |
| I15A | Montevieu | 82.32 | 40 | ↑P | P | 04 57 04.4 | +0.5 |
| MCK | McKinley | 82.32 | 11 | eP | P | 04 57 03.1 | -0.3 |
| MCK | McKinley | 82.32 | 11 | eP | P | 04 57 03.1 | -0.3 |
| Y24A | Capitol Butte | 82.34 | 51 | ↑P | P | 04 57 04.4 | +0.3 |
| W23A | Werner Place, | 82.35 | 50 | ↑P | P | 04 57 04.4 | +0.1 |
| 326A | Caldwell Ranch | 82.35 | 54 | ↑P | P | 04 57 04.0 | -0.3 |
| L17A | Cokeville | 82.36 | 42 | ↑P | P | 04 57 04.0 | -0.1 |
| U22A | Llaves | 82.38 | 49 | ↑P | P | 04 57 04.6 | +0.2 |
| 125A | Gardner Draw, | 82.39 | 53 | ↑P | P | 04 57 04.7 | +0.2 |
| P19A | Cripple Cowboy | 82.40 | 45 | ↑P | P | 04 57 04.4 | 0.0 |
| GD12 | Guadalupe Moun | 82.42 | 53 | eP | P | 04 57 05.7 | +0.9 |
| HYT | Haines Junctio | 82.45 | 17 | eP | P | 04 57 04.6 | +0.4 |
| 628A | Black Gap, Mar | 82.47 | 56 | ↑P | P | 04 57 04.5 | -0.6 |
| J16A | Bone | 82.48 | 41 | ↑P | P | 04 57 04.9 | +0.1 |
| MCMT | McKenzie Canyo | 82.53 | 39 | ↑P | P | 04 57 05.5 | +0.5 |
| H15A | Lima | 82.55 | 39 | ↑P | P | 04 57 05.0 | -0.1 |
| M18A | Lyman | 82.55 | 43 | ↑P | P | 04 57 04.8 | -0.3 |
| Q20A | Ridgley Place, | 82.55 | 46 | ↑P | P | 04 57 05.1 | -0.1 |
| AHID | Auburn Hatcher | 82.55 | 41 | eP | P | 04 57 05.6 | +0.5 |
| 226A | Malaga, Loving | 82.57 | 54 | ↑P | P | 04 57 05.5 | 0.0 |
| V23A | Ortiz Mt. (NFs) | 82.58 | 49 | ↑P | P | 04 57 06.3 | +0.8 |
| C12B | Naegeli Ranch, | 82.58 | 36 | ↑P | P | 04 57 04.6 | -0.6 |
| N18A | Larsen Ranch, | 82.58 | 44 | ↑P | P | 04 57 05.8 | +0.4 |
| Z25A | Roswell | 82.61 | 52 | ↑P | P | 04 57 05.9 | +0.2 |
| E13A | Victor | 82.61 | 37 | ↑P | P | 04 57 04.4 | -1.0 |
| 427A | Hayler Ranch, | 82.61 | 55 | ↑P | P | 04 57 06.1 | +0.3 |
| X24A | Lazy VL Ranch, | 82.62 | 51 | ↑P | P | 04 57 05.4 | -0.3 |
| O19A | Miners Draw (B | 82.62 | 44 | ↑P | P | 04 57 05.4 | -0.1 |
| T22A | Edith | 82.63 | 48 | ↑P | P | 04 57 05.6 | -0.1 |
| K17A | Gardner Place, | 82.66 | 42 | ↑P | P | 04 57 04.9 | -0.8 |
| Q1Z | Qiongzhong | 82.68 | 292 | P | P | 04 57 07.7 | +1.4 |
| Q1Z | | 04 57 47.5 | +1.2 | | | | |
| Q1Z | | 05 07 16.7 | +1.3 | | | | |
| Q1Z | | 05 08 05.3 | +1.4 | | | | |
| Q1Z | | 05 12 42.0 | +1.8 | | | | |
| RR12 | Red Ridge | 82.70 | 41 | eP | P | 04 57 06.5 | +0.6 |
| P20A | De Beque | 82.74 | 45 | ↑P | P | 04 57 06.3 | +0.1 |
| F14A | Wisdom | 82.75 | 38 | ↑P | P | 04 57 05.5 | -0.6 |
| R21A | Cimarron | 82.79 | 47 | ↑P | P | 04 57 07.0 | +0.5 |
| L18A | Fontenelle, Gr | 82.81 | 43 | ↑P | P | 04 57 06.0 | -0.5 |
| D13A | Huson | 82.81 | 36 | ↑P | P | 04 57 05.1 | -1.3 |
| S28A | Cox Ranch | 82.82 | 56 | ↑P | P | 04 57 07.0 | +0.1 |
| U23A | Ei Rito | 82.83 | 49 | ↑P | P | 04 57 07.1 | +0.4 |
| I16A | Newdale | 82.87 | 40 | ↑P | P | 04 57 07.3 | +0.5 |
| 126A | Clayton Basin, | 82.87 | 53 | ↑P | P | 04 57 06.8 | -0.2 |
| N19A | John Jarvie Ra | 82.87 | 44 | ↑P | P | 04 57 06.2 | -0.6 |
| Y25A | Mesa, Roswell | 82.90 | 52 | ↑P | P | 04 57 07.0 | -0.2 |
| DC1D | Drake Creek | 82.92 | 41 | eP | P | 04 57 07.8 | +0.8 |
| W24A | Lazy G Ranch | 82.92 | 50 | ↑P | P | 04 57 07.2 | 0.0 |
| G15A | Dillon | 82.93 | 39 | ↑P | P | 04 57 06.8 | -0.2 |
| MSO | Missouri | 82.96 | 37 | eP | P | 04 57 06.2 | -1.0 |
| DLBC | Dease Lake | 82.96 | 22 | eP | P | 04 57 07.1 | +0.2 |
| DLMT | Dillon | 82.97 | 39 | eP | P | 04 57 07.3 | +0.1 |
| Q21A | Lamborn Mesa, | 82.99 | 46 | ↑P | P | 04 57 07.7 | +0.2 |
| E14A | Clinton | 83.00 | 37 | ↑P | P | 04 57 06.9 | -0.5 |
| REDW | Red Top Meadow | 83.01 | 41 | eP | P | 04 57 07.9 | +0.4 |
| TP4W | Teton Pass | 83.01 | 41 | eP | P | 04 57 07.6 | +0.1 |
| S22A | 4UR Ran, Cre | 83.01 | 47 | ↑P | P | 04 57 08.0 | +0.3 |
| BSMT | Bassoo Peak | 83.05 | 36 | eP | P | 04 57 07.2 | -0.3 |
| C13A | Hot Springs | 83.07 | 36 | ↑P | P | 04 57 06.7 | -1.0 |
| J17A | Brown Place, J | 83.09 | 41 | ↑P | P | 04 57 07.9 | -0.1 |
| SNOW | Snow King Moun | 83.12 | 41 | eP | P | 04 57 08.6 | +0.6 |
| 428A | Kincaid Ranch, | 83.13 | 55 | ↑P | P | 04 57 08.6 | +0.2 |
| O20A | White River Ci | 83.14 | 45 | ↑P | P | 04 57 08.1 | -0.1 |
| K18A | Toltan Ranch, | 83.16 | 42 | ↑P | P | 04 57 08.5 | +0.2 |
| Z26A | Caprock | 83.16 | 53 | ↑P | P | 04 57 08.3 | -0.2 |
| 227A | Bennet, Jal | 83.17 | 54 | ↑P | P | 04 57 08.5 | -0.1 |
| X25A | Clemmons Ranch | 83.17 | 51 | ↑P | P | 04 57 08.3 | -0.2 |
| M19A | Rock Springs | 83.18 | 43 | ↑P | P | 04 57 07.9 | -0.6 |
| I19A | Indian Meadow | 83.22 | 41 | eP | P | 04 57 09.1 | +0.5 |
| V24A | Rampart Ranch, | 83.24 | 50 | ↑P | P | 04 57 09.1 | +0.2 |
| T23A | Casias Ranch, | 83.26 | 48 | ↑P | P | 04 57 09.4 | +0.4 |
| JTMT | Jette | 83.27 | 36 | eP | P | 04 57 08.2 | -0.6 |
| F15A | Butte | 83.28 | 38 | ↑P | P | 04 57 08.2 | -0.6 |
| R22A | Saguache, Gunn | 83.28 | 47 | ↑P | P | 04 57 09.3 | +0.3 |
| LOHW | Long Hollow | 83.29 | 41 | eP | P | 04 57 09.2 | +0.3 |
| 328A | Wristen Ranch, | 83.29 | 55 | ↑P | P | 04 57 09.0 | -0.3 |
| LRM | Limekiln Ridge | 83.30 | 38 | eP | P | 04 57 08.8 | -0.1 |
| SWMT | Swartz Lake | 83.30 | 36 | eP | P | 04 57 07.8 | -1.1 |
| L19A | Farson | 83.34 | 43 | ↑P | P | 04 57 09.1 | -0.1 |
| D14A | Greenough | 83.35 | 37 | ↑P | P | 04 57 07.9 | -1.2 |
| G16A | Moss Hill, Enn | 83.37 | 39 | ↑P | P | 04 57 08.9 | -0.5 |
| 127A | Arkansas Junct | 83.39 | 53 | ↑P | P | 04 57 09.6 | -0.2 |
| SEY | Beymchan | 83.39 | 345 | ↑P | P | 04 57 08.7 | -0.3 |
| CHMT | Chamberlain | 83.41 | 37 | eP | P | 04 57 09.1 | -0.4 |
| H16A | Russell Place, | 83.44 | 40 | ↑P | P | 04 57 10.2 | +0.6 |
| SLMT | Seeley Lake | 83.44 | 37 | eP | P | 04 57 09.1 | -0.6 |
| N20A | Spence Gulch, | 83.45 | 44 | ↑P | P | 04 57 10.0 | +0.1 |

| | | | | | | | |
|------|--|-------|----|----|---|------------|------|
| J18A | Kendall Valley | 83.46 | 41 | ↑P | P | 04 57 09.7 | -0.1 |
| I17A | Pilgrim Ck. | 83.46 | 41 | ↑P | P | 04 57 10.4 | +0.6 |
| Q22A | Great Butte | 83.46 | 46 | ↑P | P | 04 57 10.3 | +0.4 |
| E15A | Deer Lodge | 83.50 | 38 | ↑P | P | 04 57 09.3 | -0.6 |
| B13A | Whitefish | 83.51 | 35 | ↑P | P | 04 57 08.8 | -1.1 |
| BW0E | Boulder Array | 83.53 | 42 | ↑P | P | 04 57 09.3 | -0.9 |
| BW0E | Boulder Array | 83.53 | 42 | eP | P | 04 57 09.7 | -0.5 |
| PDAR | Pinole Butte | 83.53 | 42 | eP | P | 04 57 09.9 | -0.3 |
| PDAR | comp=Z,40nm,0.8s,mb5.3,baz=212,slo=3.1,SNR=259 | | | | | 05 00 21.1 | -3.2 |
| PDAR | comp=Z,1.0nm,0.9s,baz=242,slo=6.2,SNR=4.2 | | | | | 05 32 02.8 | |
| COLA | College | 83.56 | 11 | eP | P | 04 57 09.1 | -0.7 |
| COLA | comp=Z,120nm,0.8s,mb5.8 | | | | | 04 57 09.1 | -0.7 |
| COLA | comp=Z,120nm,0.8s,mb5.8 | | | | | 04 57 11.2 | +0.8 |
| SMCO | Snowmass | 83.56 | 46 | eP | P | 04 57 11.2 | +0.8 |
| YFT | Old Faithful | 83.57 | 40 | eP | P | 04 57 11.5 | +1.0 |
| YMR | Madison River | 83.60 | 40 | eP | P | 04 57 11.5 | +1.0 |
| W25A | X Bar L Ranch, | 83.62 | 51 | ↑P | P | 04 57 10.4 | -0.4 |
| BOZ | Bozeman (W) | 83.69 | 39 | ↑P | P | 04 57 10.5 | -0.4 |
| BOZ | Bozeman (W) | 83.69 | 39 | ↑P | P | 04 57 11.1 | +0.1 |
| H17A | Grant Village | 83.70 | 40 | ↑P | P | 04 57 12.2 | +1.2 |
| Z27A | Tatum | 83.76 | 53 | ↑P | P | 04 57 11.1 | -0.5 |
| F16A | Kenard Place, | 83.77 | 39 | ↑P | P | 04 57 11.3 | 0.0 |
| V25A | Rancho No Teng | 83.77 | 50 | ↑P | P | 04 57 11.4 | -0.2 |
| M20A | Sweetwater, Wa | 83.81 | 44 | ↑P | P | 04 57 11.7 | 0.0 |
| I18A | Diamond G Ranc | 83.83 | 41 | ↑P | P | 04 57 11.6 | -0.1 |
| LKWY | Lake | 83.89 | 40 | ↑P | P | 04 57 14.0 | +2.0 |
| LKWY | comp=Z,55nm,1.0s,mb5.3 | | | | | 04 57 14.0 | +2.0 |
| LKWY | comp=Z,56nm,1.0s,mb5.3 | | | | | 04 57 11.5 | -0.5 |
| D15A | Lincoln | 83.90 | 37 | ↑P | P | 04 57 12.5 | +0.3 |
| N21A | Black Mountain | 83.92 | 45 | ↑P | P | 04 57 12.7 | +0.2 |
| SDCO | Great Sand Dun | 83.95 | 48 | ↑P | P | 04 57 12.7 | +0.2 |
| L20A | Wamsutter | 83.96 | 43 | ↑P | P | 04 57 12.5 | +0.2 |
| K19A | Absolon Red Bu | 84.02 | 42 | ↑P | P | 04 57 11.9 | -0.8 |
| Y27A | Causey | 84.03 | 52 | ↑P | P | 04 57 12.7 | -0.3 |
| G17A | Pierce Place, | 84.07 | 39 | ↑P | P | 04 57 12.7 | -0.1 |
| E16A | East Helena | 84.13 | 38 | ↑P | P | 04 57 12.7 | -0.4 |
| HRY | Holter Researc | 84.13 | 38 | eP | P | 04 57 13.2 | +0.1 |
| B14A | Fulbright Ranch | 84.17 | 36 | ↑P | P | 04 57 12.0 | -1.4 |
| WALA | Waterton Lakes | 84.20 | 35 | eP | P | 04 57 13.2 | -0.3 |
| C15A | Salmond Ranch, | 84.24 | 37 | ↑P | P | 04 57 12.8 | -0.9 |
| K20A | Yellowstone Ra | 84.27 | 43 | ↑P | P | 04 57 13.2 | -0.8 |
| O22A | Kremmling | 84.30 | 45 | ↑P | P | 04 57 14.1 | -0.1 |
| V26A | Tequesguine Ra | 84.36 | 50 | ↑P | P | 04 57 14.0 | -0.5 |
| MSTX | Muleshoe | 84.37 | 52 | ↑P | P | 04 57 14.4 | -0.3 |
| X27A | P and S Farms, | 84.40 | 52 | ↑P | P | 04 57 14.5 | -0.3 |
| F17A | Fitzpatrick Pl | 84.41 | 39 | ↑P | P | 04 57 14.7 | -0.1 |
| M21A | Separation Pea | 84.41 | 44 | ↑P | P | 04 57 14.3 | -0.4 |
| A14A | Double T Ranch | 84.42 | 35 | ↑P | P | 04 57 13.9 | -0.7 |
| R24A | Sanders Place, | 84.44 | 48 | ↑P | P | 04 57 14.8 | -0.2 |
| D16A | Dana Ranch, Ca | 84.46 | 38 | ↑P | P | 04 57 14.5 | -0.3 |
| B15A | Bradley Ranch, | 84.55 | 36 | ↑P | P | 04 57 13.6 | -1.6 |
| RWWY | Rawlins | 84.55 | 44 | eP | P | 04 57 15.1 | -0.3 |
| E17A | Martinsdale | 84.58 | 38 | ↑P | P | 04 57 14.9 | -0.9 |
| L21A | Rawlins | 84.58 | 43 | ↑P | P | 04 57 14.6 | -0.9 |
| W27A | Bowe Ranch, En | 84.59 | 51 | ↑P | P | 04 57 14.6 | -1.2 |
| DAWY | Dawson | 84.65 | 15 | eP | P | 04 57 15.1 | -0.2 |
| N22A | Wattenberg Ran | 84.65 | 45 | ↑P | P | 04 57 15.4 | -0.5 |
| Q24A | Divide | 84.73 | 47 | ↑P | P | 04 57 16.4 | 0.0 |
| C16A | Red Lodge | 84.75 | 37 | ↑P | P | 04 57 15.3 | -0.9 |
| ISCO | Idaho Springs | 84.78 | 46 | eP | P | 04 57 16.8 | +0.2 |
| ISCO | comp=Z,10.0nm,1.3s,mb4.6 | | | | | 04 57 16.8 | +0.2 |
| ISCO | comp=Z,10nm,1.3s,mb4.6 | | | | | 04 57 16.2 | -0.3 |
| G18A | Lazy EL Ranch, | 84.78 | 40 | ↑P | P | 04 57 16.2 | -0.3 |
| A15A | Johnson Ranch, | 84.81 | 36 | ↑P | P | 04 57 15.4 | -1.1 |
| EGAK | Eagle | 84.84 | 14 | eP | P | 04 57 16.3 | 0.0 |
| RLMT | Red Lodge | 84.87 | 40 | ↑P | P | 04 57 17.0 | +0.1 |
| CLMT | Red Lodge | 84.87 | 40 | ↑P | P | 04 57 17.4 | +0.5 |
| RMG | Matias Romero | 84.89 | 71 | P | P | 04 57 18.1 | +0.5 |
| F18A | Big Timber | 84.98 | 39 | ↑P | P | 04 57 17.3 | -0.1 |
| D17A | Six Diamond Ra | 85.03 | 38 | ↑P | P | 04 57 17.3 | -0.4 |
| B16A | M & M Farms, S | 85.09 | 36 | ↑P | P | 04 57 16.7 | -1.2 |
| E18A | Harlowton | 85.19 | 39 | ↑P | P | 04 57 18.5 | 0.0 |
| L22A | Ellis Ranch, M | 85.22 | 44 | ↑P | P | 04 57 18.8 | 0.0 |
| C17A | Wharram Farm, | 85.23 | 37 | ↑P | P | 04 57 18.1 | -0.5 |
| B17A | L&G Farms, Che | 85.54 | 37 | ↑P | P | 04 57 19.1 | -1.1 |
| AMTX | Amarillo | 85.56 | 52 | eP | P | 04 57 20.7 | +0.1 |
| D18A | Linhart Farms, | 85.57 | 38 | ↑P | P | 04 57 20.1 | -0.3 |
| B1J | Beijing | 8 | | | | | |

Table of astronomical observations for 7 days, 5 hours. Columns include station name, object name, magnitude, position angle, and other parameters.

Table of astronomical observations for 7 days, 5 hours. Columns include station name, object name, magnitude, position angle, and other parameters.

Table of astronomical observations for 7 days, 5 hours. Columns include station name, object name, magnitude, position angle, and other parameters.

ISC/JB 07 05:49:10.2±1.2, 43.07N; 0.07±1.45E; 0.07, h91km, 9km, Error ellipse: s-maj=13.5km s-min=6.4km az=147.5

JMA 07 05:49:11.7z.0.1, 43.08N, 145.65E, h86km, 1km, M3.8
JMA Felt J1.
SKHL 07 05:49:12.0z.0.4, 43.05N, 145.82E, h77km, 8km, mb4.9/2
ISC 07 05:49:10.8z.1.2, 43.07N, 0.07:145.71E.0.07, h88km, 9km,
n11, c051/22, Hokkaido region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like NEM2, JAK, JNK, JKA, JRA, YUK, etc.

IDC 07 05:57:30.0z.2.1, 54.14N, 86.03E, h0km, mb1 3.6/3,
mb1mx3.4/27, mbtmp3.6/3, ML3.3/3, Error ellipse:
s-maj=17.4km s-min=12.0km az=45.0
ISC 07 05:57:33.4z.3.1, 54.1N, 0.1:85.6E, 0.3, h3km, 15km, n6,
c107/11, 2C-4D, Southwestern Siberia

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ZALV, KURK, MK31, MKAR, BVAR, etc.

NEIC 07 06:07:13.5z.58.34N, 133.43W, h1km, ML3.1 (PGC),
ML2.7 (AIC), After PGC.
PGC 07 06:07:13.5z.58.34N, 133.43W, h1km, ML3.1/4, 2D,
57km east of Juneau, Ak Southeastern Alaska,
Southeastern Alaska

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BESE, SKAG, SIT, DLBC, PLBC, etc.

NIED 07 06:14:00, 39.00N, 140.90E, h5km, Mw3.8 Best double
couple: M6.03000x1014 NP1.3e199.00000, 368.00000,
7.47.00000, NP2.0e8.00000, 847.00000, 150.00000.
IDC 07 06:14:13.8z.1.5, 39.30N, 140.96E, h0km, mb3.6/3,
mb1 3.6/2, mb1mx2.5/25, mbtmp3.6/5, ML3.5/2, MS3.6/2,
Ms1 3.6/2, ms1mx2.5/27, Error ellipse: s-maj=30.1km
s-min=27.9km az=120.0

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like JMK, JRJG, JYK, JOM, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like JYS, MAJO, MAJO, MAT, etc.

ISCJB 07 06:32:51.9z.0.1, 47.14N, 0.03:122.87E, 0.03, h10km,
mb4.5/87, MS3.8/4, Error ellipse: s-maj=3.9km
s-min=2.9km az=147.4
IDC 07 06:32:51.1z.0.5, 47.04N, 123.02E, h0km, mb4.4/23,
mb1 4.5/25, mb1mx4.5/21, mbtmp4.4/25, ML3.6/2, MS3.4/10,
Ms1 3.4/10, ms1mx3.2/27, Error ellipse: s-maj=14.6km
s-min=12.8km az=15.0
BUJ 07 06:32:52.0z.47.08N, 123.07E, h14km, mb4.6/18, mb4.5/24,
ML5.0/18, Ms4.6/30, Ms7.4/327
NEIC 07 06:32:53.2z.0.2, 47.14N, 122.89E, h10km, mb4.7/57, Error
ellipse: s-maj=7.0km s-min=4.3km az=183.0
MOS 07 06:32:54.9z.1.1, 47.08N, 122.87E, h37km, mb4.8/41, Error
ellipse: s-maj=9.0km s-min=6.2km az=107.1
ISC 07 06:32:52.0z.1.1, 47.14N, 0.03:122.93E, 0.03, h1km, 6km,
n448, c0670/466, mb4.7/87, MS3.8/14, 123C-136D,
Northeastern China

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CN2, CN2, CN2, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BJI, BJI, BJI, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MOY, MOY, NJ2, etc.

| | | | | | | | |
|------|---|-------|-----|----|------|------------|------|
| K11A | Parker Ranch, baz=76,SNR=12 | 76.39 | 40 | ↑P | P | 06 44 42.7 | -0.1 |
| HLID | Hailey, baz=76 | 76.47 | 39 | ↑P | P | 06 44 43.3 | +0.1 |
| HLID | Hailey, baz=76,SNR=9.9 | 76.47 | 39 | ↑P | P | 06 44 43.3 | +0.1 |
| F18A | Big Timber, comp=Z,4.2nm,0.8s,mb4.6 | 76.47 | 35 | ↑P | P | 06 44 42.9 | -0.3 |
| G17A | Pierce Place, baz=76 | 76.55 | 36 | ↑P | P | 06 44 43.9 | +0.2 |
| J13A | Cove Ranch, Pi baz=76,SNR=7.1 | 76.70 | 39 | ↑P | P | 06 44 44.6 | +0.1 |
| L10A | Juniper Basin, baz=76,SNR=5.4 | 76.75 | 41 | ↑P | P | 06 44 44.9 | +0.1 |
| H16A | Russell Place, baz=76 | 76.86 | 36 | ↑P | P | 06 44 44.7 | -0.7 |
| I15A | Montevideo, baz=77 | 76.93 | 38 | ↑P | P | 06 44 45.7 | -0.1 |
| K12A | Draper Farm, C baz=77 | 77.00 | 40 | ↑P | P | 06 44 46.2 | 0.0 |
| L11A | Cat Creek Ranch, baz=77,SNR=5.3 | 77.00 | 41 | ↑P | P | 06 44 46.4 | +0.2 |
| M10A | LL Ranch, Tu baz=77 | 77.16 | 42 | ↑P | P | 06 44 47.5 | +0.4 |
| RLMT | Red Lodge, baz=77 | 77.30 | 35 | ↑P | P | 06 44 48.0 | +0.1 |
| L12A | House Creek Ra, baz=77 | 77.34 | 40 | ↑P | P | 06 44 48.3 | +0.1 |
| K13A | Stover Farm, H baz=77 | 77.34 | 39 | ↑P | P | 06 44 48.5 | +0.4 |
| WCN | Washoe City, baz=77 | 77.41 | 45 | ↑P | P | 06 44 49.0 | +0.4 |
| M11A | Holland Ranch, baz=77 | 77.57 | 41 | ↑P | P | 06 44 50.2 | +0.7 |
| K14A | Jones Ranch, D baz=78 | 77.82 | 39 | ↑P | P | 06 44 51.3 | +0.5 |
| L13A | Double Diamond, baz=78 | 77.86 | 40 | ↑P | P | 06 44 51.5 | +0.5 |
| J16A | Bone, baz=78 | 77.89 | 37 | ↑P | P | 06 44 51.5 | +0.3 |
| M12A | Wells, baz=78 | 77.98 | 41 | ↑P | P | 06 44 52.0 | +0.2 |
| N11A | Elko Archery C, baz=78 | 78.09 | 41 | ↑P | P | 06 44 52.5 | +0.1 |
| CMB | Columbia Colle, baz=78 | 78.09 | 46 | eP | Pmax | 06 44 52.6 | +0.2 |
| CMB | Columbia Colle, comp=Z,2.0nm,0.8s,mb4.3 | 78.09 | 46 | eP | P | 06 44 52.6 | +0.2 |
| L14A | Malta, baz=78 | 78.21 | 39 | ↑P | P | 06 44 52.7 | -0.3 |
| M13A | Montello, baz=78,SNR=5.6 | 78.35 | 40 | ↑P | P | 06 44 53.7 | -0.1 |
| M13A | Montello, comp=Z,3.1nm,0.9s,mb4.4 | 78.35 | 40 | ↑P | P | 06 44 54.0 | +0.2 |
| N12A | Clover Valley, baz=78 | 78.38 | 41 | ↑P | P | 06 44 53.9 | 0.0 |
| J18A | Kendall Valley, baz=78 | 78.59 | 37 | ↑P | P | 06 44 54.9 | -0.2 |
| M14A | Sheep Mountain, baz=78,SNR=5.4 | 78.60 | 39 | ↑P | P | 06 44 55.0 | -0.1 |
| L15A | Malad City, baz=78 | 78.60 | 39 | ↑P | P | 06 44 55.1 | 0.0 |
| NVAR | Mina Array Bea, comp=Z,3.5nm,0.8s,mb4.5,baz=308,slow=4.4,SNR=24 | 78.89 | 41 | ↑P | P | 06 44 56.9 | +0.6 |
| O12A | Currie, baz=79 | 78.98 | 41 | ↑P | P | 06 44 57.3 | 0.0 |
| L16A | Fish Haven, baz=79 | 79.00 | 38 | ↑P | P | 06 44 57.3 | 0.0 |
| M15A | Larsen Ranch, baz=79 | 79.02 | 39 | ↑P | P | 06 44 57.1 | -0.4 |
| BW06 | Boulder Array, baz=79 | 79.15 | 36 | ↑P | P | 06 44 57.5 | -0.7 |
| PDAR | Pinedale Array, baz=79 | 79.15 | 36 | ↑P | P | 06 44 57.0 | -1.1 |
| L17A | Cokeville, comp=Z,0.7nm,0.7s,mb3.8,baz=31,slow=4.0,SNR=10 | 79.18 | 38 | ↑P | P | 06 44 57.8 | -0.4 |
| N14A | Grayback Hills, baz=79,SNR=5.9 | 79.20 | 40 | ↑P | P | 06 44 58.3 | -0.2 |
| HWUT | Hardware Ranch, comp=Z,6.0nm,0.9s,mb4.6 | 79.28 | 38 | eP | P | 06 44 59.1 | +0.2 |
| N15A | Stansbury Isla, baz=79 | 79.46 | 39 | ↑P | P | 06 44 59.8 | 0.0 |
| L18A | Fontenelle, Gr baz=79 | 79.65 | 37 | ↑P | P | 06 45 00.4 | -0.5 |
| Q11A | Duckwater, baz=79 | 79.71 | 43 | ↑P | P | 06 45 01.4 | +0.1 |
| M17A | Scully's Gap (B, baz=80 | 79.77 | 38 | ↑P | P | 06 45 00.9 | -0.7 |
| L19A | Farson, baz=80 | 79.78 | 37 | ↑P | P | 06 45 01.0 | -0.7 |
| R10A | Warm Springs, baz=80,SNR=6.0 | 79.86 | 43 | ↑P | P | 06 45 02.3 | +0.2 |
| DUG | Dugway, baz=80 | 79.90 | 40 | ↑P | P | 06 45 01.9 | -0.4 |
| DUG | Dugway, baz=80 | 79.90 | 40 | eP | Pmax | 06 45 01.5 | -0.8 |
| DUG | Dugway, comp=Z,1.0nm,0.8s,mb3.8 | 79.90 | 40 | eP | Pmax | 06 45 01.5 | -0.8 |
| DUG | Dugway, comp=Z,1.4nm,0.8s,mb3.9 | 79.90 | 40 | eP | Pmax | 06 45 01.5 | -0.8 |
| Q12A | Willow Creek R, baz=80 | 79.93 | 42 | ↑P | P | 06 45 02.4 | -0.1 |
| P13A | Bates Ranch, G, baz=80 | 79.97 | 41 | ↑P | P | 06 45 02.5 | -0.2 |
| O15A | The Old Anders, baz=80 | 79.98 | 40 | ↑P | P | 06 45 02.4 | -0.3 |
| S10A | Tonopah Range, baz=80,SNR=8.6 | 80.01 | 44 | ↑P | P | 06 45 03.0 | +0.1 |
| RCTC | Rector, Farmer, baz=80 | 80.01 | 46 | ↑P | P | 06 45 02.9 | -0.1 |
| M18A | Lyman, baz=80 | 80.06 | 38 | ↑P | P | 06 45 03.2 | +0.1 |
| RSSD | Black Hills, comp=Z,2.0nm,0.7s,mb4.2 | 80.13 | 32 | eP | Pmax | 06 45 02.8 | -0.7 |
| RSSD | Black Hills, comp=Z,2.0nm,0.7s,mb4.2 | 80.13 | 32 | eP | Pmax | 06 45 02.8 | -0.7 |
| R11A | Troy Canyon, C, baz=80 | 80.14 | 43 | ↑P | P | 06 45 03.8 | +0.1 |
| L20A | Wamsutter, baz=80 | 80.28 | 36 | ↑P | P | 06 45 04.0 | -0.3 |
| P14A | Drum Mountains, baz=80 | 80.28 | 41 | ↑P | P | 06 45 04.2 | -0.1 |
| Q13A | Wheeler Ranch, baz=80 | 80.37 | 42 | ↑P | P | 06 45 05.0 | +0.1 |
| GRAC | Grapevine Rang, baz=80,SNR=8.3 | 80.38 | 45 | ↑P | P | 06 45 05.4 | +0.4 |
| SMCC | Simmler, baz=80 | 80.42 | 48 | ↑P | P | 06 45 05.4 | +0.2 |
| STKA | Stephens Creek, comp=Z,5.0nm,1.5s,mb4.2 | 80.43 | 164 | eP | P | 06 45 04.9 | -0.1 |
| N18A | Larsen Ranch, baz=80 | 80.59 | 38 | ↑P | P | 06 45 05.7 | -0.3 |
| R12A | Pony Springs, baz=80 | 80.61 | 42 | ↑P | P | 06 45 06.4 | +0.2 |
| P15A | Leamington, baz=80 | 80.64 | 40 | ↑P | P | 06 45 06.2 | -0.1 |
| Q14A | Sevier Lake (B, baz=80 | 80.68 | 41 | ↑P | P | 06 45 06.7 | +0.2 |
| M20A | Sweetwater, Wa, baz=80 | 80.77 | 36 | ↑P | P | 06 45 06.9 | 0.0 |
| PKM | Peak Mountain, baz=81 | 80.84 | 48 | ↑P | P | 06 45 08.1 | +0.7 |
| R13A | O'Grain Ranch, baz=81 | 81.02 | 42 | ↑P | P | 06 45 08.4 | 0.0 |
| FURC | Furnace Creek, baz=81,SNR=7.2 | 81.05 | 45 | ↑P | P | 06 45 08.9 | +0.4 |
| MPMC | Manual Prospec, baz=81 | 81.07 | 46 | ↑P | P | 06 45 09.1 | +0.4 |
| S12A | Delamar Landin, baz=81 | 81.08 | 43 | ↑P | P | 06 45 09.3 | +0.6 |
| T11A | Corn Creek, Al, baz=81,SNR=5.8 | 81.21 | 43 | ↑P | P | 06 45 09.6 | +0.2 |
| N20A | Spence Gulch, baz=81 | 81.30 | 37 | ↑P | P | 06 45 10.1 | +0.3 |
| U10A | Ash Meadows, A, baz=81,SNR=6.5 | 81.34 | 45 | ↑P | P | 06 45 10.7 | +0.6 |
| O19A | Miners Draw (B, baz=81 | 81.39 | 38 | ↑P | P | 06 45 10.1 | -0.2 |
| P17A | Butcher Ranch, baz=81 | 81.39 | 39 | ↑P | P | 06 45 10.2 | -0.2 |
| LRMC | Laurel Mountai, baz=81 | 81.44 | 46 | ↑P | P | 06 45 10.9 | +0.3 |
| ESDC | Sonseca Array, comp=Z,0.9nm,0.4s,mb4.1,baz=17,slow=4.9,SNR=4.5 | 81.47 | 321 | P | P | 06 45 10.5 | -0.2 |
| P18A | Preston Nutter, baz=81 | 81.48 | 39 | ↑P | P | 06 45 10.5 | -0.2 |

| | | | | | | | |
|------|---|-------|----|----|------------|------------|------|
| MSU | Marysvalle, 81.56 | 41 | eP | P | 06 45 12.1 | +0.9 | |
| MSU | Marysvalle, comp=Z,7.0nm,1.4s,mb4.6 | 81.56 | 41 | eP | Pmax | 06 45 12.1 | +0.9 |
| S13A | Holt Ranch, En, baz=81 | 81.56 | 42 | ↑P | P | 06 45 11.5 | +0.2 |
| N21A | Black Mountain, baz=81 | 81.66 | 36 | ↑P | P | 06 45 11.0 | -0.7 |
| S14A | Deer City, baz=82 | 81.73 | 42 | ↑P | P | 06 45 12.1 | -0.1 |
| EDW2 | Edwards Air Fo, baz=82 | 81.77 | 47 | ↑P | P | 06 45 12.4 | 0.0 |
| BLG | Laguna Peak, baz=82 | 81.84 | 48 | ↑P | P | 06 45 12.8 | 0.0 |
| O20A | White River Ci, baz=82 | 81.89 | 37 | ↑P | P | 06 45 12.8 | -0.2 |
| T13A | Saint George, baz=82 | 82.00 | 43 | ↑P | P | 06 45 13.8 | +0.2 |
| P19A | Cripple Cowboy, baz=82 | 82.01 | 38 | ↑P | P | 06 45 13.0 | -0.5 |
| GSC | Goldstone, baz=82 | 82.01 | 46 | ↑P | P | 06 45 13.8 | +0.1 |
| N22A | Wattenberg Ran, baz=82 | 82.05 | 36 | ↑P | P | 06 45 14.0 | +0.2 |
| R16A | Teasdale, baz=82,SNR=8.4 | 82.06 | 40 | ↑P | P | 06 45 14.2 | +0.3 |
| S15A | Panitch, baz=82,SNR=6.2 | 82.16 | 41 | ↑P | P | 06 45 15.0 | +0.6 |
| U12A | Valley of Fire, baz=82 | 82.18 | 43 | ↑P | P | 06 45 14.9 | +0.4 |
| V11A | Geodesprings, baz=82 | 82.24 | 44 | ↑P | P | 06 45 15.5 | +0.6 |
| R17A | Hanksville Air, baz=82 | 82.28 | 40 | ↑P | P | 06 45 14.1 | -0.9 |
| BFSC | Mount Baldy Ra, baz=82 | 82.44 | 47 | ↑P | P | 06 45 16.1 | +0.1 |
| Q19A | Hogan Spring (, baz=82 | 82.46 | 38 | ↑P | P | 06 45 15.0 | -0.9 |
| U13A | Pakoon Wash, baz=82 | 82.46 | 43 | ↑P | P | 06 45 16.3 | +0.2 |
| S16A | Weppner Ranch, baz=82,SNR=6.9 | 82.47 | 41 | ↑P | P | 06 45 16.1 | +0.1 |
| O22A | Kremmling, baz=82 | 82.56 | 36 | ↑P | P | 06 45 16.0 | -0.4 |
| V12A | Nelson, baz=82,SNR=5.7 | 82.61 | 44 | ↑P | P | 06 45 17.0 | +0.2 |
| T15A | Red Dirt Ranch, baz=82 | 82.70 | 42 | ↑P | P | 06 45 17.3 | +0.1 |
| BBRO | Big Bear Solar, baz=82 | 82.79 | 46 | ↑P | P | 06 45 17.6 | -0.1 |
| U14A | Mt Trumbull, baz=83 | 82.83 | 42 | ↑P | P | 06 45 18.5 | +0.6 |
| Q20A | Ridgley Place, baz=83 | 82.86 | 38 | ↑P | P | 06 45 17.3 | -0.8 |
| S17A | Black Ridge (B, baz=83 | 82.89 | 40 | ↑P | P | 06 45 17.9 | -0.3 |
| GMRC | Granite Mounta, baz=83 | 82.99 | 45 | ↑P | P | 06 45 19.1 | +0.4 |
| ECSD | EROS Data Cent, comp=Z,2.6nm,0.9s,mb4.5 | 83.00 | 28 | eP | P | 06 45 19.6 | -1.8 |
| MURC | Murrieta, baz=83 | 83.17 | 47 | ↑P | P | 06 45 19.7 | -0.1 |
| S18A | String Farm, BI, baz=83 | 83.20 | 40 | ↑P | P | 06 45 19.5 | -0.3 |
| SMCO | Snowmass, comp=Z,4.6nm,0.9s,mb4.7 | 83.22 | 37 | eP | P | 06 45 20.0 | +0.1 |
| U15A | North Rim, baz=83 | 83.22 | 42 | ↑P | P | 06 45 20.7 | +0.7 |
| ISCO | Idaho Springs, comp=Z,2.0nm,1.1s,mb4.3 | 83.24 | 36 | eP | Pmax | 06 45 19.9 | -0.1 |
| ISCO | Idaho Springs, comp=Z,2.5nm,1.1s,mb4.4 | 83.24 | 36 | eP | Pmax | 06 45 19.9 | -0.1 |
| Q21A | Lamborn Mesa, baz=83 | 83.27 | 37 | ↑P | P | 06 45 20.2 | +0.1 |
| PV01 | Paradise Valley, baz=83 | 83.44 | 38 | eP | P | 06 45 20.8 | -0.3 |
| BELC | Belle Mtn. Jos, baz=83 | 83.45 | 46 | ↑P | P | 06 45 21.0 | -0.1 |
| R20A | Redvale, baz=83 | 83.47 | 38 | ↑P | P | 06 45 21.3 | +0.1 |
| V14A | Bovillas Ranch, baz=83,SNR=7.4 | 83.50 | 43 | ↑P | P | 06 45 21.8 | +0.4 |
| PFO | Pinyon Flat Ob, baz=83 | 83.54 | 46 | ↑P | P | 06 45 21.6 | 0.0 |
| R21A | Cimarron, baz=83 | 83.67 | 38 | ↑P | P | 06 45 22.2 | +0.1 |
| IRM | Iron Mountain, baz=84 | 83.73 | 45 | ↑P | P | 06 45 22.7 | +0.1 |
| V15A | Kaibab Nationa, baz=84,SNR=9.5 | 83.78 | 42 | ↑P | P | 06 45 23.3 | +0.5 |
| S20A | Disappointment, baz=84 | 83.78 | 38 | ↑P | P | 06 45 22.9 | +0.1 |
| U17A | Shonto, baz=84,SNR=9.5 | 83.81 | 41 | ↑P | P | 06 45 23.0 | 0.0 |
| W13A | Selkman, baz=84 | 83.86 | 43 | ↑P | P | 06 45 23.5 | +0.2 |
| BC4 | Big Chuckawall, baz=84 | 84.00 | 46 | ↑P | P | 06 45 24.4 | +0.4 |
| X13A | Yuca, baz=84,SNR=8.5 | 84.01 | 44 | ↑P | P | 06 45 24.3 | +0.2 |
| R22A | Saguache, Gunn, baz=84 | 84.12 | 37 | ↑P | P | 06 45 24.8 | +0.3 |
| MONP | Monument Peak, baz=84 | 84.14 | 47 | ↑P | P | 06 45 25.3 | +0.6 |
| S21A | Coal Bank Pass, baz=84 | 84.17 | 38 | ↑P | P | 06 45 24.8 | 0.0 |
| MVCO | Mesa Verde, baz=84 | 84.25 | 39 | ↑P | P | 06 45 24.9 | -0.3 |
| W15A | Williams, baz=84 | 84.27 | 43 | ↑P | P | 06 45 25.8 | +0.5 |
| T19A | Becabito, baz=84 | 84.34 | 39 | ↑P | P | 06 45 26.0 | +0.3 |
| WUAZ | Wupatki, baz=84 | 84.39 | 42 | ↑P | P | 06 45 26.3 | +0.3 |
| S22A | 4UR Ranch, Cre, baz=84 | 84.50 | 37 | ↑P | P | 06 45 26.8 | +0.3 |
| X14A | Yavapai, baz=84 | 84.56 | 43 | ↑P | P | 06 45 27.3 | +0.5 |
| V17A | Tonalea, Kykot, baz=84,SNR=7.0 | 84.57 | 41 | ↑P | P | 06 45 27.3 | +0.5 |
| Y13A | Salome, baz=84 | 84.65 | 44 | ↑P | P | 06 45 27.8 | +0.5 |
| W16A | Flagstaff, baz=84 | 84.67 | 42 | ↑P | P | 06 45 28.2 | +0.8 |
| R24A | Sanders Place, baz=84 | 84.79 | 36 | ↑P | P | 06 45 27.8 | -0.1 |
| X15A | Humboldt, baz=85,SNR=5.9 | 84.85 | 43 | ↑P | P | 06 45 28.8 | +0.5 |
| V18A | Ganado, baz=85 | 84.88 | 41 | ↑P | P | 06 45 28.8 | +0.3 |
| V14A | Wickenburg, baz=85,SNR=5.2 | 84.94 | 44 | ↑P | P | 06 45 29.0 | +0.3 |
| SDCO | Great Sand Dun, comp=Z,1.3nm,1.0s,mb4.1 | 85.05 | 37 | eP | P | 06 45 28.8 | -0.4 |
| T22A | Edinburg, baz=85 | 85.09 | 38 | ↑P | P | 06 45 29.2 | -0 |

| Code | Station Name | Δ° | AZ° | Phase ID | Time | Res |
|------|---|-------|------|----------|------------|------|
| GTA | comp=E, 140nm, 10.2s | | | | | |
| GTA | comp=E, 140nm, 10.2s | LR | LR | | | |
| SOMM | comp=Z, 120nm, 12.3s | 15.46 | 2 Pn | Pn | 10 47 36.1 | +0.8 |
| MKAR | comp=Z, 0.2nm, 0.6s, mb2, 7, baz=92, slow=13, SNR=2.6 | | | | 10 48 56.9 | -4.2 |
| WRA | comp=Z, 0.2nm, 0.6s, mb2, 7, baz=92, slow=13, SNR=2.6 | | | | 10 53 56.9 | +0.5 |
| ASAR | comp=Z, 0.4nm, 0.6s, mb3, 8, baz=332, slow=6.7, SNR=7.3 | | | | 10 54 18.2 | +0.7 |

IDC 07 10:59:01.1.1.0, 19:08S:65:18E, h0km, mb3.9/6, mb1.4/1.6, mb1mx3.8/23, mbtmp3.9/11, ML3.9/1, Error ellipse: s-maj=380.0km s-min=30.9km az=58.0, Mauritius - Reunion region

| Code | Station Name | Δ° | AZ° | Phase ID | Time | Res |
|------|-----------------|-------|-------|----------|------------|------|
| ASAR | Alice Springs | 63.62 | 108 P | P | 11 09 34.5 | +0.2 |
| WRA | Warrungunga Arr | 64.74 | 104 P | P | 11 09 41.8 | +0.0 |
| MKAR | Makanchi Array | 67.36 | 13 P | P | 11 09 58.1 | +0.2 |
| ZALV | Zalesovo Beam | 74.66 | 12 P | P | 11 10 42.0 | 0.0 |
| SOMM | Songino Array | 76.16 | 27 P | P | 11 10 51.2 | +0.4 |
| KSRs | Korea Array | 81.49 | 46 P | P | 11 11 20.2 | -0.2 |

IS/CJB 07 11:13:15.0-5.0, 18:7S:0:1:65:69E:0:09, h10km, mb4.0/11, MS4.0/10, Error ellipse: s-maj=16.6km s-min=12.6km az=170.3

IDC 07 11:13:15.0-9.0, 18:66S:65:73E, h0km, mb3.9/10, mb1.4/0/11, mb1mx3.9/23, mbtmp3.9/11, ML3.9/1, MS3.9/10, Ms1.3/0.10, ms1mx3.6/23, Error ellipse: s-maj=29.0km s-min=20.5km az=75.0

NEIC 07 11:13:17.4-0.5, 18:71S:65:66E, h10km, Error ellipse: s-maj=15.3km s-min=11.8km az=172.0

IS/C 07 11:13:17.0-5.0, 18:7S:0:1:65:66E:0:09, h10km, n18, c088R/14, mb4.0/11, MS4.0/10, Mauritius - Reunion region

| Code | Station Name | Δ° | AZ° | Phase ID | Time | Res |
|------|--|-------|--------|----------|------------|------|
| ABPO | Ambohimpanon | 17.45 | 266 Pn | Pn | 11 17 20.6 | +0.6 |
| OPO | Ambohitrampop | 17.51 | 267 P | Pn | 11 17 22.1 | +0.1 |
| BOSA | Boshof | 38.15 | 247 LR | LR | 11 32 44.5 | |
| MAW | Mawson | 46.91 | 161 P | P | 11 22 04.3 | +0.9 |
| MAW | comp=Z, 180nm, 20.9s, MS3.5, baz=121, slow=31 | | | | 11 38 28.1 | |
| CMAR | Chiang Mai Arr | 49.32 | 43 P | P | 11 22 09.1 | +1.9 |
| ASAR | Alice Springs | 63.30 | 108 P | P | 11 23 46.1 | -0.8 |
| WRA | Warrungunga Arr | 64.38 | 104 P | P | 11 23 50.0 | -0.2 |
| WRB | Tennant Creek | 64.0 | 104 eP | Pn | 11 23 53.0 | -1.3 |
| BRTR | Keshin Array B | 65.37 | 333 P | P | 11 24 06.0 | +0.5 |
| BRTR | comp=Z, 31nm, 19.5s, MS3.5, baz=103, slow=32 | | | | 11 47 47.8 | |
| MKAR | Makanchi Array | 66.90 | 12 P | P | 11 24 07.8 | -1.1 |
| MKAR | comp=Z, 0.3nm, 0.7s, mb3.4, baz=182, slow=3.3, SNR=3.6 | | | | 11 53 36.9 | |
| STKA | Stevens Creek | 68.68 | 118 LR | LR | 11 51 50.9 | |
| GSPA | South Pole Qui | 71.39 | 180 P | P | 11 24 37.8 | +0.5 |
| BVAC | Borovoye Array | 74.55 | 3 P | P | 11 24 37.6 | -0.9 |
| DBIC | Dimbokro | 73.91 | 283 LR | LR | 11 54 04.9 | |
| ZALV | Zalesovo Beam | 74.21 | 12 P | P | 11 24 54.0 | -0.3 |
| ZALV | comp=Z, 5.0nm, 18.7s, MS3.8, baz=226, slow=35 | | | | 11 56 22.6 | |
| SOMM | Songino Array | 75.62 | 27 P | P | 11 25 03.7 | +1.1 |
| SOMM | comp=Z, 0.7nm, 0.7s, mb3.9, baz=213, slow=5.3, SNR=4.6 | | | | 11 57 12.3 | |
| KSRs | Korea Array | 80.91 | 46 P | P | 11 25 32.4 | +0.3 |
| KSRs | comp=Z, 5.6nm, 19.1s, MS3.9, baz=342, slow=2.7 | | | | 12 01 15.6 | |
| MJAR | Matsushiro Arr | 87.71 | 50 LR | LR | 12 01 20.2 | |

NOU 07 11:20:58.2-1.2, 14:39S:166:83E, h30km, MD3.5, ML4.3

IS/CJB 07 11:21:04.3-2.8, 15:0S:0:1:167:4E:0:1, h117km, 24km, mb4.2/8, Error ellipse: s-maj=24.9km s-min=17.1km az=145.9

NEIC 07 11:21:06.0-3.6, 15:01S:167:41E, h123km, 29km, Error ellipse: s-maj=31.9km s-min=17.7km az=204.0

IDC 07 11:21:11.8-11.0, 15:09S:167:27E, h172km, 100km, mb3.9/8, mb1.4/0.8, mb1mx3.7/19, mbtmp3.9/8, Error ellipse: s-maj=51.3km s-min=22.0km az=47.0

IS/C 07 11:21:04.9-2.5, 14:39S:167:4E:0:1, h111km, 21km, n23, c1502/24, mb4.2/8, Vanuatu Islands

| Code | Station Name | Δ° | AZ° | Phase ID | Time | Res |
|------|--|--------|---------|----------|------------|------|
| DZM | Mont Dzumac | 7.15 | 187 eP | Pn | 11 22 46.2 | -0.7 |
| DZM | comp=Z, 349nm, 2.0s | | | | 11 24 11.0 | |
| BSOI | Mont Dzumac | 7.15 | 187 eP | Pn | 11 22 46.7 | -0.1 |
| BAYA | Yate Dam | 7.19 | 184 eP | Pn | 11 22 46.9 | -0.5 |
| NOUC | Port Laguerre | 7.20 | 188 eS | Pn | 11 24 08.7 | +1.2 |
| MVNO | Noumea | 7.34 | 187 eP | Pn | 11 24 09.8 | +0.8 |
| MVNO | comp=Z, 3.0nm, 0.8s, mb4.1, baz=358, slow=5.3, SNR=3.6 | | | | 11 25 14.0 | +1.6 |
| EIDS | Eidsvold | 18.49 | 233 eP | P | 11 25 40.4 | +2.8 |
| CTA | Charters Tower | 20.81 | 253 P | P | 11 25 39.6 | +2.0 |
| CTA | comp=Z, 6.2nm, 0.9s, baz=63, slow=18, SNR=5.1 | | | | 11 25 38.6 | +1.0 |
| CTAO | Charters Tower | 20.81 | 253 eP | P | 11 25 43.4 | +2.2 |
| ARMA | Armidale | 21.15 | 221 eP | P | 11 25 54.4 | +0.2 |
| MTSU | Mount Surprise | 22.36 | 259 eP | P | 11 26 04.8 | +0.1 |
| COEN | Ocen | 23.49 | 269 eP | P | 11 26 16.4 | +0.2 |
| URZ | Urewera | 24.76 | 162 P | P | 11 26 54.3 | +0.3 |
| STKA | Stevens Creek | 28.96 | 230 eP | P | 11 26 54.3 | +0.5 |
| STKA | comp=Z, 6.6nm, 0.4s, mb3.9, baz=226, slow=35 | | | | 11 26 54.3 | +0.5 |
| WRAB | Tennant Creek | 31.89 | 256 eP | P | 11 27 18.6 | -1.4 |
| WRA | Warrungunga Arr | 31.91 | 256 P | P | 11 27 25.9 | -1.3 |
| ASAR | Alice Springs | 32.73 | 249 P | P | 11 28 29.9 | -1.1 |
| FITZ | Fitzroy Crossi | 40.11 | 260 eP | P | 11 32 33.8 | -0.4 |
| GSPA | South Pole Qui | 75.08 | 180 P | P | 11 33 17.7 | +0.7 |
| SOMM | Songino Array | 82.75 | 324 P | P | 11 34 26.4 | +0.2 |
| MKAR | Makanchi Array | 97.45 | 316 P | P | 11 39 42.1 | -0.7 |
| ARCS | ARCS Array B | 120.49 | 345 PKP | PKP | | |
| ARCS | comp=Z, 1.8nm, 0.9s, baz=64, slow=2.2, SNR=6.4 | | | | | |

ATH 07 11:27:34.5, 38:07N:21:44E, h24km, 4km, MD3.0/7

THE 07 11:27:34.9, 38:00N:21:56E, h17km, 1km, ML2.5/6, Error ellipse: s-maj=2.0km s-min=0.6km az=9.0

IS/CJB 07 11:27:35.0-5.0, 38:07N:21:04-21.0, h35km, 5km, Error ellipse: s-maj=3.0km s-min=4.0km az=172.4

CSEM 07 11:27:35.4-0.2, 38:07N:21:54E, h20km, MD3.0, Error ellipse: s-maj=7.0km s-min=4.6km az=1.0

IS/C 07 11:27:35.7-0.5, 38:04N:0:04:21:55E:0:03, h17km, 3km, n29, c1905/50, Greece

| Code | Station Name | Δ° | AZ° | Phase ID | Time | Res |
|----------------|---|------|--------|----------|------------|------|
| RLS | Riolos of Patr | 0.07 | 288 eP | Pb | 11 27 39.1 | +0.2 |
| RLS | comp=Z, 0.2nm, 0.6s, mb3, 8, baz=343, slow=8.8, SNR=3.1 | | | | 11 27 42.2 | +1.2 |
| RLS | comp=Z, 0.2nm, 0.6s, mb3, 8, baz=343, slow=8.8, SNR=3.1 | | | | 11 27 39.1 | +0.2 |
| RLS | comp=Z, 0.2nm, 0.6s, mb3, 8, baz=343, slow=8.8, SNR=3.1 | | | | 11 27 42.2 | +1.2 |
| LAKA | Lakka | 0.40 | 59 P | P | 11 27 43.2 | -0.6 |
| LAKA | comp=Z, 0.2nm, 0.6s, mb3, 8, baz=343, slow=8.8, SNR=3.1 | | | | 11 27 49.5 | +0.2 |
| LAKA | comp=Z, 0.2nm, 0.6s, mb3, 8, baz=343, slow=8.8, SNR=3.1 | | | | 11 27 43.2 | -0.6 |
| LAKA | comp=Z, 0.2nm, 0.6s, mb3, 8, baz=343, slow=8.8, SNR=3.1 | | | | 11 27 49.5 | +0.2 |
| EPalio | EPalio | 0.48 | 36 eP | Pn | 11 27 44.5 | -0.9 |
| EPalio | comp=Z, 0.4nm, 0.6s, mb3, 8, baz=343, slow=8.8, SNR=3.1 | | | | 11 27 44.4 | -1.0 |
| EPalio | comp=Z, 0.4nm, 0.6s, mb3, 8, baz=343, slow=8.8, SNR=3.1 | | | | 11 27 53.0 | +1.1 |
| EPalio | comp=Z, 0.4nm, 0.6s, mb3, 8, baz=343, slow=8.8, SNR=3.1 | | | | 11 27 44.5 | -0.9 |
| Kaliithea | Kaliithea | 0.58 | 53 P | P | 11 27 53.0 | +1.1 |
| Kaliithea | comp=Z, 0.4nm, 0.6s, mb3, 8, baz=343, slow=8.8, SNR=3.1 | | | | 11 27 46.2 | -1.1 |
| Kaliithea | comp=Z, 0.4nm, 0.6s, mb3, 8, baz=343, slow=8.8, SNR=3.1 | | | | 11 27 55.9 | +0.8 |
| Kaliithea | comp=Z, 0.4nm, 0.6s, mb3, 8, baz=343, slow=8.8, SNR=3.1 | | | | 11 27 46.2 | -1.1 |
| Anninata | Anninata | 0.60 | 277 P | P | 11 27 55.9 | +0.8 |
| Anninata | comp=Z, 0.4nm, 0.6s, mb3, 8, baz=343, slow=8.8, SNR=3.1 | | | | 11 27 46.2 | -1.1 |
| Goura | Goura | 0.64 | 99 eP | Pb | 11 27 47.3 | -1.1 |
| Goura | comp=Z, 0.4nm, 0.6s, mb3, 8, baz=343, slow=8.8, SNR=3.1 | | | | 11 27 47.0 | -1.2 |
| Goura | comp=Z, 0.4nm, 0.6s, mb3, 8, baz=343, slow=8.8, SNR=3.1 | | | | 11 27 57.0 | +0.3 |
| Goura | comp=Z, 0.4nm, 0.6s, mb3, 8, baz=343, slow=8.8, SNR=3.1 | | | | 11 27 47.0 | -1.2 |
| Goura | comp=Z, 0.4nm, 0.6s, mb3, 8, baz=343, slow=8.8, SNR=3.1 | | | | 11 27 57.0 | +0.3 |
| Valsamata | Valsamata | 0.77 | 281 P | Pb | 11 27 49.1 | -1.6 |
| Valsamata | comp=Z, 0.4nm, 0.6s, mb3, 8, baz=343, slow=8.8, SNR=3.1 | | | | 11 28 01.3 | +0.4 |
| Valsamata | comp=Z, 0.4nm, 0.6s, mb3, 8, baz=343, slow=8.8, SNR=3.1 | | | | 11 27 49.1 | -1.6 |
| Valsamata | comp=Z, 0.4nm, 0.6s, mb3, 8, baz=343, slow=8.8, SNR=3.1 | | | | 11 28 01.3 | +0.4 |
| Desfina | Desfina | 0.86 | 64 P | P | 11 27 50.8 | -1.4 |
| Desfina | comp=Z, 0.4nm, 0.6s, mb3, 8, baz=343, slow=8.8, SNR=3.1 | | | | 11 28 03.6 | +0.2 |
| Desfina | comp=Z, 0.4nm, 0.6s, mb3, 8, baz=343, slow=8.8, SNR=3.1 | | | | 11 27 50.8 | -1.4 |
| Desfina | comp=Z, 0.4nm, 0.6s, mb3, 8, baz=343, slow=8.8, SNR=3.1 | | | | 11 28 03.6 | +0.2 |
| Ithomi | Ithomi | 0.91 | 161 eP | Pn | 11 27 53.3 | -0.4 |
| Ithomi | comp=Z, 0.4nm, 0.6s, mb3, 8, baz=343, slow=8.8, SNR=3.1 | | | | 11 27 46.2 | -1.1 |
| Vlachokerasia | Vlachokerasia | 0.94 | 135 eP | Pb | 11 27 53.5 | 0.0 |
| Vlachokerasia | comp=Z, 0.4nm, 0.6s, mb3, 8, baz=343, slow=8.8, SNR=3.1 | | | | 11 28 09.9 | +1.8 |
| Vlachokerasia | comp=Z, 0.4nm, 0.6s, mb3, 8, baz=343, slow=8.8, SNR=3.1 | | | | 11 27 53.5 | 0.0 |
| Vlachokerasia | comp=Z, 0.4nm, 0.6s, mb3, 8, baz=343, slow=8.8, SNR=3.1 | | | | 11 28 09.9 | +1.8 |
| Lefkada island | Lefkada island | 1.03 | 317 P | P | 11 27 53.6 | -1.5 |
| Lefkada island | comp=Z, 0.4nm, 0.6s, mb3, 8, baz=343, slow=8.8, SNR=3.1 | | | | 11 27 53.6 | -1.5 |
| Lefkada island | comp=Z, 0.4nm, 0.6s, mb3, 8, baz=343, slow=8.8, SNR=3.1 | | | | 11 27 53.6 | -1.5 |
| Lefkada island | comp=Z, 0.4nm, 0.6s, mb3, 8, baz=343, slow=8.8, SNR=3.1 | | | | 11 28 09.9 | +1.8 |
| Loutraki | Loutraki | 1.12 | 90 eP | Pn | 11 27 58.7 | +2.1 |
| Loutraki | comp=Z, 0.4nm, 0.6s, mb3, 8, baz=343, slow=8.8, SNR=3.1 | | | | 11 27 58.7 | +2.1 |
| Loutraki | comp=Z, 0.4nm, 0.6s, mb3, 8, baz=343, slow=8.8, SNR=3.1 | | | | 11 27 58.7 | +2.1 |
| Loutraki | comp=Z, 0.4nm, 0.6s, mb3, 8, baz=343, slow=8.8, SNR=3.1 | | | | 11 27 58.7 | +2.1 |
| Loutraki | comp=Z, 0.4nm, 0.6s, mb3, 8, baz=343, slow=8.8, SNR=3.1 | | | | 11 27 58.7 | +2.1 |

WEL 07 11:39:02.0-0.6, 36:73S:177:36E, h172km, 6km, ML3.6/11, Error ellipse: s-maj=8.1km s-min=6.0km az=90.0, Off east coast of North Island

| Code | Station Name | Δ° | AZ° | Phase ID | Time | Res |
|------|---|------|--------|----------|------------|------|
| MXZ | Matakaoa Point | 1.13 | 138 Pn | Pn | 11 39 50.4 | 0.0 |
| MXZ | comp=Z, 0.4nm, 0.6s, mb3, 8, baz=343, slow=8.8, SNR=3.1 | | | | 11 39 51.0 | -0.4 |
| URZ | Urewera | 1.55 | 187 Pn | Pn | 11 39 53.7 | 0.0 |
| URZ | comp=Z, 0.4nm, 0.6s, mb3, 8, baz=343, slow=8.8, SNR=3.1 | | | | 11 39 58.8 | +0.7 |
| | | | | | | |

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AKTO, KIV, CMAR, BRTR, LBTB, BOS, etc.

MOS 07 12:18:25.8, 1.2, 42.57N; 140.54E, h130km, mb4.0/14, Error ellipse: s-maj=15.8km s-min=9.1km az=82.9

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

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

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

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

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

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

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

AKASG Main Array Bz 69.71 321 P P 12 29 21.3 -1.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LZH, CD2, etc.

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

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

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

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

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

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

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

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

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

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

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

DDA 07 13:05:44.9, 4.0, 19.41N; 107.07E, h7km, 2km, Md2.6

CSEM 07 13:05:44.0, 0.2, 40.22N; 41.03E, h15km, Md2.6, Error ellipse: s-maj=5.6km s-min=5.1km az=87.0

ISC 07 13:05:45.1, 0.6, 40.18N; 0.06E; 41.12E; 0.06, h27km, 10km, n12, c0812/1, Turkey

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

ISC 07 13:38:18.3, 7.5, 53.8S; 148.743E, h0km, mb3.5/3,

7d 20h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Lists various stations like FWVZ, WPVZ, MOVZ, etc.

IDC 07 19:39:18.8z.8.4.19S:152.09E,h0km,mb4.0/8, mb1.4/2.8, mb1mx3.9/17, mbtmp4.0/8, MS3.6/2, M1 3.6/2, ms1mx2.8/20, Error ellipse: s-maj=89.3km s-min=21.1km az=104.0

ISC/JB 07 19:39:50.6z.5.1.4.7S:0.2:151.6E:0.4, h289km,42km, mb3.8/10, Error ellipse: s-maj=71.1km s-min=28.4km az=9

NEIC 07 19:39:51.4z.0.4.62S:151.69E, h284km,33km,mb4.3/2, Error ellipse: s-maj=44.5km s-min=18.5km az=97.0

ISC 07 19:39:51.3z.5.5.46S:0.2:151.6E:0.4, h289km,46km,n15, o=45;12, mb3.8/10, New Britain region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like COEN, WRA, STKA, etc.

TRN 07 19:44:54.6, 18.16N:63.64W, h35km, ISC/JB 07 19:44:55.9z.1.4.16.2N:0.1:63.63W:0.07, h33km, Error ellipse: s-maj=19.5km s-min=5.3km az=28.0

NEIC 07 19:44:56.7, 18.21N:63.59W, h44km, MD3.3(RSPR), After RSPR

RSPR 07 19:44:56.7, 18.21N:63.59W, h44km,9km, MD3.3/7, MD3.3/7

ISC 07 19:44:55.4z.1.3.18.2N:0.1:63.68W:0.08, h16km,2km,n14, o=58;26, 8C-6D, Leeward Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like SABA, TBVI, CDVI, etc.

IDC 07 19:45:20.9z.0.9.8.96S:109.08E,h0km,mb4.3/13, mb1.4/3.1/4, mb1mx3.2/21, mbtmp4.2/14, ML3.6/1, MS3.7/4, M1 3.7/4, ms1mx3.0/24, Error ellipse: s-maj=36.3km s-min=10.0km az=6

NEIC 07 19:45:24.6z.0.7.8.96S:109.07E, h25km,mb4.6/5, Error ellipse: s-maj=30.3km s-min=7.5km az=50.0

ISC 07 19:45:22.5z.4.3.9.1S:0.1:109.0E:0.1, h12km,28km,n37, o=81;36, mb4.5/27, MS3.8/4, South of Jawa

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like FITZ, WRA, ASAR, etc.

2008 JUL

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like KKN, KOLN, LZH, etc.

IDC 07 19:52:38.6z.7.8.10.31N:91.14E,h0km,mb3.5/4, mb1.3/6.4, mb1mx3.3/22, mbtmp3.5/4, Error ellipse: s-maj=377.2km s-min=25.7km az=61.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like MKAR, ZALV, WRA, etc.

NIED 07 20:16:00, 45:50N:151:60E, h8km, Mw4.0 Best double couple: M1.090000:1015 P1:0.352.00000, 8.75.00000, 1.63.00000, NP2:0.235.00000, 8.31.00000, 1.49.00000

SKHL 07 20:16:54.9z.2.1.45.13N:151.79E, h39km,8km, mb5.0/3, Ms3.8/1

JMA 07 20:16:56.7z.0.7.45:50N:151:58E, h30km, M4.4 MOS 07 20:16:57.4z.1.5.45:33N:151:57E, h47km, mb4.2/12, Error ellipse: s-maj=11.7km s-min=10.3km az=170.8

ISC/JB 07 20:16:53.9z.0.9.45:151:07z:151.45E:0.08, h56km,7km, mb4.1/2.1, MS3.5/3, Error ellipse: s-maj=13.7km s-min=6.4km az=143.8

BUI 07 20:16:58.3z.45.11N:151:53E, h54km, mb4.6/8, mb4.2/8, Ms3.9/3, Ms7.3/73

NEIC 07 20:16:59.2z.1.1.45:41N:151:45E, h40km,10km,mb4.5/3, Error ellipse: s-maj=14.4km s-min=8.2km az=137.0

IDC 07 20:17:00.5z.0.45:46N:151:51E, h50km,27km,mb3.7/14, mb1.3/8.1/7, mb1mx3.7/28, mbtmp3.7/17, ML3.8/3, MS3.3/4, M1 3.3/4, ms1mx2.8/32, Error ellipse: s-maj=20.7km s-min=16.2km az=140.0

ISC 07 20:17:00.6z.0.45:06N:0:08.151:48E:0:09, h64km,6km, n8, o=18;09, mb4.1/2.1, Kuril Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like KUR, YUK, NEM2, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like JCH, JKH, JKK2, etc.

Table with columns: Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like MIDW, SBA, CASY, QSPA, KSM, PETK, NVAR, CMAR, TXAR, ACES, FINES, AKASG, BRTR, MMAI.

ISCJB 07 21:06:51.1+4.2, 2.12S:0.05x120.6E:0.1, h4km, 27km, mb3.7/9, Error ellipse: s-maj=19.9km s-min=8.4km az=171.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like KAPI, KKM, FITZ, WRAB, WRA, ASAR, YHNB, CTAO, STKA, ULN, SONM, MK31, MKAR, KURK, CASEY, MAW, ARU.

CASC 07 21:14:03.1+0.5, 16.46N:95.00W, h21km, MD4.1, mb4.3(NEIC)
NEIC 07 21:14:29.0, 15.42N:93.24W, h102km, mb4.3/18, MD4.4(MEX), After MEX.
ISCJB 07 21:14:30.5+0.3, 15.35N:0.04x93.08W:0.04, h95km, 2km, mb4.2/17, Error ellipse: s-maj=7.8km s-min=3.8km az=38.5

MEX 07 21:14:30.0+0.7, 15.42N:93.23W, h102km, 6km, MD4.3
IDC 07 21:14:31.1+2.3, 15.51N:93.01W, h101km, 15km, mb3.8/6, mb1.4/10, mb1mx3.8/24, mbtmp3.8/10, MS3.4/1, Ms1.3/4.1, ms1mx2.5/28, Error ellipse: s-maj=5.95km s-min=12.7km az=26.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like PCIG, THIG, TGIG, SCX, JAT, TP2, CMIG, CGIG, FG6, FUG, APG, APG, TUIG, NBU, HUG, IXG, MRL, VHO, VHO, SCIG, PNIG, TGUH, PPM, TEIG, JTS, BCIP, 628A, 627A, 628A, 626A, 527A, 428A, 426A, 328A, 326A, 425A, 227A.

Table with columns: Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like MIAR, UALR, 226A, 127A, GD2L, MNTX, 225A, 126A, WMOK, GOGA, Z27A, CPRX, 125A, Z26A, MSTX, Y27A, 124A, Z25A, SWET, Y26A, AMTX, Z24A, WVT, Y25A, X26A, Z23A, W27A, Y24A, 319A, Y23A, LPM, V26A, SIUC, W24A, CCM, V25A, U26A, V24A, U25A, V23A, T25A, V22A, U23A, U22A, S25A, T23A, SDCO, U20A, T21A, R24A, U19A, S22A, MVCO, MVO, T18A, P23A, PV01, MTP, PV04, R19A, BC3, G19A, Q12A, P18A, P17A, N20A, S13A, O18A, M21A, M20A, O17A, L21A, N18A, O16A, DAU, M17A, ISA, N15A, SBC, S10A, HWUT, PDAR, N14A, K18A, L16A, VES.

Table with columns: Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like M15A, O12A, J18A, L15A, HVU, M14A, I18A, M13A, L14A, LOHW, K15A, NVAR, NVAR, NVAR, J16A, M12A, K14A, J14A, G18A, M10A, L11A, J13A, I14A, L10A, HLID, HLID, F18A, H15A, I13A, F17A, H14A, G15A, BOZ, I12A, MFID, K10A, E18A, H13A, LRM, H12A, F15A, I11A, G13A, D18A, E16A, D17A, E15A, H11A, G12A, D16A, F13A, J08A, E14A, C17A, EGMT, H10A, I09A, F12A, E13A, G11A, C16A, H09A, G10A, C15A, A18A, E12A, K05A, H08A, D13A, G09A, B15A, F10A, D12A, C13A, A15A, B13A, A14A, C11A, D08A, B08A, SCHG, YKA, YKA.

| | | | | | | | |
|-------|---|-------|-----|------|------|------------|------|
| B12A | Libby | 38.46 | 70 | ↑P | P | 22 51 05.8 | -0.3 |
| CN2 | Changchun | 38.50 | 281 | eP | P | 22 51 06.6 | +0.1 |
| CN2 | | | | ePP | PP | 22 52 40.5 | +4.9 |
| CN2 | | | | eS | PS | 22 56 53.9 | -2.8 |
| CN2 | comp=Z,40nm,0.9s,mb5.2 | | | pmax | pmax | | |
| CN2 | comp=Z,200nm,7.0s | | | LR | LR | | |
| CN2 | comp=N,200nm,23.0s | | | LR | LR | | |
| CN2 | comp=E,200nm,23.0s | | | LR | LR | | |
| CN2 | comp=Z,500nm,25.0s | | | LR | LR | | |
| WDC | Whiskeytown Da | 38.50 | 85 | eP | P | 22 51 06.5 | 0.0 |
| WDC | | | | ePP | PP | 22 51 23.3 | -0.4 |
| WDC | | | | e | P | 22 53 16.9 | |
| H06A | Prairie City | 38.66 | 77 | ↑P | P | 22 51 07.6 | -0.2 |
| F10A | Beach Ranch, E | 38.75 | 74 | ↑P | P | 22 51 08.6 | 0.0 |
| RES | Resolute Bay | 38.76 | 25 | P | P | 22 51 08.1 | -0.2 |
| RES | comp=Z,6.1nm,0.9s,mb4.4,baz=266,slow=11,SNR=7.1 | | | ScP | ScP | 22 56 59.0 | -1.0 |
| RES | Resolute Bay | 38.76 | 25 | eP | P | 22 51 08.2 | -0.1 |
| RES | | | | ePP | PP | 22 51 26.7 | +1.2 |
| G09A | Cove | 38.79 | 76 | ↑P | P | 22 51 09.0 | +0.2 |
| C12B | Naegeli Ranch, | 38.90 | 71 | ↑P | P | 22 51 09.6 | -0.2 |
| MOD | Modoc | 39.11 | 82 | eP | P | 22 51 12.8 | +1.2 |
| MOD | | | | ePP | PP | 22 51 28.4 | -0.3 |
| MOD | | | | ePP | PP | 22 53 20.5 | +0.6 |
| WALA | Waterton Lakes | 39.15 | 68 | eP | P | 22 57 00.2 | -1.6 |
| WALA | comp=Z,2.1nm,1.1s,mb3.9 | | | e | P | 22 51 11.4 | -0.4 |
| WALA | | | | ePP | PP | 22 51 27.8 | -1.2 |
| WALA | | | | ePP | PP | 22 53 19.8 | 0.0 |
| WALA | | | | ePP | PP | 22 57 00.1 | -1.8 |
| B13A | Whitefish | 39.16 | 70 | ↑P | P | 22 51 11.7 | -0.2 |
| G10A | Bishop Farm, J | 39.17 | 75 | ↑P | P | 22 51 12.2 | +0.1 |
| H09A | Durkee | 39.18 | 76 | ↑P | P | 22 51 12.6 | +0.5 |
| BSMT | Bascoo Peak | 39.23 | 70 | eP | P | 22 51 12.9 | +0.3 |
| BSMT | comp=Z,148nm,1.1s,mb5.7 | | | ePP | PP | 22 53 20.3 | +0.1 |
| BMO | Blue Mountains | 39.30 | 76 | eP | P | 22 51 14.0 | +0.9 |
| BMO | | | | ePP | PP | 22 51 29.7 | -0.6 |
| J06A | Circle Bar Ran | 39.41 | 79 | ↑P | P | 22 51 14.6 | +0.6 |
| F11A | Grangeville | 39.44 | 74 | ↑P | P | 22 51 13.8 | -0.4 |
| A14A | Double T Ranch | 39.47 | 68 | ↑P | P | 22 51 14.1 | -0.4 |
| I09A | Lost Marbles R | 39.51 | 77 | ↑P | P | 22 51 15.0 | 0.0 |
| JTMT | Jette | 39.58 | 70 | eP | P | 22 51 15.6 | +0.2 |
| G11A | Walters Elk Ra | 39.63 | 75 | ↑P | P | 22 53 21.9 | +0.6 |
| YBMT | Yellow Bay | 39.68 | 70 | eP | P | 22 51 16.9 | +0.6 |
| YBMT | | | | ePP | PP | 22 53 21.7 | +0.1 |
| H10A | Noah's Angus R | 39.77 | 76 | ↑P | P | 22 51 17.4 | +0.3 |
| D13A | Huson | 39.81 | 71 | ↑P | P | 22 51 16.5 | -0.9 |
| WVOR | Wild Horse Val | 39.83 | 80 | eP | P | 22 51 17.9 | +0.3 |
| WVOR | | | | e | P | 22 51 33.9 | +0.9 |
| WVOR | | | | | pmax | 22 53 22.2 | |
| WVOR | comp=Z,72nm,1.1s,mb5.4 | | | | pmax | 22 51 17.9 | +0.3 |
| WVOR | Wild Horse Val | 39.83 | 80 | eP | P | 22 51 17.9 | +0.3 |
| WVOR | comp=Z,72nm,1.1s,mb5.4 | | | e | P | 22 51 33.8 | -1.0 |
| WVOR | | | | ePP | PP | 22 53 22.2 | 0.0 |
| WVOR | | | | ePP | PP | 22 57 02.1 | -2.5 |
| WVOR | | | | ePP | PP | 22 51 17.4 | -0.3 |
| B14A | Marquette Ran | 39.86 | 69 | ↑P | P | 22 51 16.5 | -1.2 |
| A15A | Johnson Ranch, | 39.86 | 68 | ↑P | P | 22 51 16.5 | -1.2 |
| SWMT | Swartz Lake | 39.87 | 71 | eP | P | 22 51 18.1 | +0.3 |
| SWMT | | | | ePP | PP | 22 53 22.2 | 0.0 |
| OHCIM | Honcut | 39.90 | 86 | eP | P | 22 51 18.4 | +0.2 |
| OHCIM | | | | ePP | PP | 22 51 36.0 | +0.7 |
| I10A | Payette | 40.02 | 77 | ↑P | P | 22 51 19.3 | +0.2 |
| F12A | Elk City | 40.04 | 74 | ↑P | P | 22 51 19.2 | -0.1 |
| H11A | Donnelly | 40.15 | 75 | ↑P | P | 22 51 20.1 | -0.1 |
| MSO | Missoula | 40.25 | 71 | eP | P | 22 51 20.6 | -0.4 |
| MSO | comp=Z,90nm,1.2s,mb5.5 | | | ePP | PP | 22 53 23.6 | +0.2 |
| MSO | | | | ePP | PP | 22 57 04.5 | -1.7 |
| B15A | Bradley Ranch, | 40.29 | 69 | ↑P | P | 22 51 20.4 | -0.9 |
| SLMT | Seelye Lake | 40.30 | 71 | eP | P | 22 51 21.1 | -0.3 |
| E13A | Victor | 40.31 | 72 | ↑P | P | 22 51 21.0 | -0.4 |
| D14A | Greenough | 40.38 | 71 | ↑P | P | 22 51 21.5 | -0.5 |
| C15A | Salmord Ranch, | 40.54 | 69 | ↑P | P | 22 51 23.4 | 0.0 |
| F13A | Darby | 40.57 | 73 | ↑P | P | 22 51 23.4 | -0.3 |
| CHMT | Chamberlain Mo | 40.61 | 71 | eP | P | 22 51 23.5 | -0.5 |
| H11A | Placeville | 40.62 | 76 | ↑P | P | 22 51 23.6 | -0.5 |
| K10A | MacKenzie Ran | 40.71 | 78 | ↑P | P | 22 51 25.0 | +0.2 |
| KSR5 | Korea Array | 40.71 | 271 | P | P | 22 51 26.3 | +1.4 |
| KSR5 | comp=Z,153nm,1.0s,mb5.8,baz=58,slow=7.9,SNR=410 | | | ScP | ScP | 22 57 09.0 | +0.9 |
| KSR5 | | | | ScP | ScP | 22 57 43.1 | |
| KSR5 | comp=Z,3.7nm,0.9s,baz=61,slow=5.0,SNR=3.7 | | | LR | LR | 22 50 59.9 | |
| KSR5 | | | | LR | LR | | |
| KSR5 | comp=Z,68nm,18.8s,baz=55,slow=36 | | | P | P | 22 51 26.3 | +1.4 |
| KSR5 | Korea Array | 40.71 | 271 | P | P | | |
| KSR5 | comp=Z,153nm,1.0s,mb5.8 | | | pmax | pmax | | |
| KSR5 | | | | pmax | pmax | | |
| KSR5 | comp=N,6.0nm,0.9s | | | pmax | pmax | | |
| KSR5 | comp=Z,4.0nm,0.9s,mb4.2 | | | MLR | MLR | | |
| E14A | Clinton | 40.73 | 72 | ↑P | P | 22 51 24.5 | -0.4 |
| B16A | M & M Farms, S | 40.73 | 68 | ↑P | P | 22 51 23.8 | -1.1 |
| SNY | Shenyang | 40.75 | 280 | ↑P | S | 22 51 26.1 | +1.0 |
| SNY | | | | S | S | 22 57 31.0 | +0.7 |
| SNY | comp=Z,140nm,0.7s,mb5.9 | | | pmax | pmax | | |
| SNY | | | | pmax | pmax | | |
| SNY | comp=Z,190nm,5.9s | | | LR | LR | | |
| SNY | comp=E,190nm,24.5s | | | LR | LR | | |
| H12A | Diamond D Ran | 40.93 | 75 | ↑P | P | 22 51 26.1 | -0.5 |
| PAHR | Pah Rah Range | 40.97 | 84 | ↑P | P | 22 51 27.8 | +0.8 |
| D15A | Lincoln | 40.97 | 70 | ↑P | P | 22 51 26.5 | -0.4 |
| MFID | Camas Ranch | 40.98 | 77 | ↑P | P | 22 51 26.8 | -0.2 |
| WCN | Washoe City | 40.98 | 85 | ↑P | P | 22 51 26.9 | -0.2 |
| G13A | Cobalt | 41.00 | 74 | ↑P | P | 22 51 27.3 | 0.0 |
| C16A | Fuhringer Ran | 41.02 | 69 | ↑P | P | 22 51 26.7 | -0.7 |
| F14A | Wisdom | 41.12 | 72 | ↑P | P | 22 51 28.4 | +0.1 |
| I12A | Atlanta | 41.18 | 76 | ↑P | P | 22 51 28.9 | +0.2 |
| K11A | Parker Ranch, | 41.22 | 78 | ↑P | P | 22 51 29.4 | +0.4 |
| E15A | Deer Lodge | 41.23 | 71 | ↑P | P | 22 51 28.4 | -0.6 |

| | | | | | | | |
|------|--|-------|-----|------|------|------------|------|
| B17A | L&G Farms, Che | 41.32 | 68 | ↑P | P | 22 51 28.7 | -1.0 |
| L10A | Juniper Basin | 41.35 | 79 | ↑P | P | 22 51 30.1 | 0.0 |
| CMB | Columbia Cole | 41.37 | 87 | eP | P | 22 51 30.4 | +0.1 |
| CMB | | | | ePP | PP | 22 51 46.7 | -0.9 |
| CMB | | | | e | P | 22 53 27.4 | |
| CMB | comp=Z,22nm,1.1s,mb4.9 | | | pmax | pmax | | |
| CMB | Columbia Cole | 41.37 | 87 | eP | P | 22 51 30.4 | +0.1 |
| CMB | comp=Z,22nm,1.1s,mb4.9 | | | ePP | PP | 22 51 46.6 | -1.0 |
| CMB | | | | ePP | PP | 22 53 27.4 | +0.1 |
| INCN | Inchon | 41.49 | 272 | eP | P | 22 51 31.8 | +0.5 |
| J12A | Stokes Ranch, | 41.51 | 77 | ↑P | P | 22 51 32.0 | +0.6 |
| A18A | Metzger Ranch, | 41.54 | 67 | ↑P | P | 22 51 29.8 | -1.8 |
| D16A | Dana Ranch, Ca | 41.54 | 70 | ↑P | P | 22 51 30.9 | -0.7 |
| HRV | Holler Researc | 41.55 | 70 | eP | P | 22 51 31.8 | +0.2 |
| F15A | Butte | 41.63 | 72 | ↑P | P | 22 51 31.7 | -0.6 |
| M10A | I.L. Ranch, Tu | 41.63 | 80 | ↑P | P | 22 51 32.9 | +0.5 |
| LRM | Limekiln Ridge | 41.66 | 72 | eP | P | 22 51 32.6 | -7.0 |
| WAKR | Walker | 41.67 | 85 | eP | P | 22 51 33.8 | +1.1 |
| C17A | Wharram Farm, | 41.68 | 69 | ↑P | P | 22 51 31.7 | -1.1 |
| I13A | Wildhorse Cree | 41.72 | 75 | ↑P | P | 22 51 33.1 | -0.1 |
| E16A | East Helena | 41.73 | 71 | ↑P | P | 22 51 32.4 | -0.7 |
| L11A | Cal Creek Ran | 41.73 | 78 | ↑P | P | 22 51 33.9 | +0.7 |
| HLID | Hayley | 41.74 | 76 | ↑P | P | 22 51 33.3 | 0.0 |
| HLID | comp=Z,77nm,1.1s,mb5.3 | | | e | P | 22 51 50.2 | -0.4 |
| HLID | | | | ePP | PP | 22 53 28.6 | +0.2 |
| HLID | | | | ePP | PP | 22 57 11.2 | -0.9 |
| HLID | | | | ePP | PP | 22 51 33.6 | 0.0 |
| H14A | Leadore | 41.78 | 74 | ↑P | P | 22 51 33.8 | -0.2 |
| DLMT | Beadsley Ran | 41.83 | 73 | eP | P | 22 51 33.3 | -1.0 |
| B18A | Beadsley Ran | 41.85 | 67 | ↑P | P | 22 51 33.1 | -1.0 |
| ALE | Alert | 41.86 | 10 | P | P | 22 51 34.6 | +0.8 |
| BMN | Battle Mountai | 41.86 | 82 | eP | P | 22 51 34.8 | +0.5 |
| BMN | | | | e | P | 22 51 50.9 | -0.7 |
| BMN | | | | e | P | 22 53 29.2 | |
| D17A | Six Diamond Ra | 41.98 | 69 | ↑P | P | 22 51 34.5 | -0.6 |
| K12A | Draper Farm, C | 41.98 | 77 | ↑P | P | 22 51 35.5 | +0.3 |
| J13A | Cove Ranch, Pi | 41.98 | 76 | ↑P | P | 22 51 35.2 | 0.0 |
| G15A | Dillon | 42.00 | 73 | ↑P | P | 22 51 34.8 | -0.5 |
| EGMT | Eagleton | 42.05 | 68 | ↑P | P | 22 51 34.8 | -1.0 |
| EGMT | Eagleton | 42.05 | 68 | eP | P | 22 51 35.1 | -0.7 |
| EGMT | | | | ePP | PP | 22 53 29.0 | -0.3 |
| EGMT | | | | ePP | PP | 22 57 11.9 | -1.3 |
| I14A | Mackay | 42.11 | 75 | ↑P | P | 22 51 36.6 | +0.3 |
| M11A | Holland Ranch, | 42.14 | 79 | ↑P | P | 22 51 36.9 | +0.3 |
| F16A | Kennard Place, | 42.17 | 71 | ↑P | P | 22 51 36.0 | -0.7 |
| L12A | House Creek R | 42.19 | 78 | ↑P | P | 22 51 38.1 | +1.1 |
| H15A | Lima | 42.21 | 73 | ↑P | P | 22 51 36.7 | -0.3 |
| BOZ | Bozeman (W) | 42.24 | 72 | ↑P | P | 22 51 37.2 | -0.1 |
| BOZ | Bozeman (W) | 42.24 | 72 | eP | P | 22 51 37.2 | -0.1 |
| BOZ | | | | e | P | 22 53 29.4 | |
| BOZ | comp=Z,93nm,1.0s,mb5.5 | | | pmax | pmax | | |
| BOZ | Bozeman (W) | 42.24 | 72 | eP | P | 22 51 37.2 | -0.1 |
| BOZ | comp=Z,93nm,1.0s,mb5.5 | | | ePP | PP | 22 53 29.4 | -0.6 |
| BOZ | | | | ePP | PP | 22 57 11.9 | -2.2 |
| E17A | Martinsdale | 42.25 | 70 | ↑P | P | 22 51 37.3 | -0.1 |
| G16A | Moss Hill, Enn | 42.37 | 72 | ↑P | P | 22 51 37.9 | -0.5 |
| NVAR | Mina Array Ba | 42.41 | 85 | P | P | 22 51 39.6 | +0.8 |
| NVAR | comp=Z,16nm,1.0s,mb4.7,baz=288,slow=8.0,SNR=50 | | | ePP | PP | 22 51 56.0 | -0.2 |
| NVAR | | | | ePP | PP | 22 53 30.9 | +0.2 |
| NVAR | comp=Z,14nm,0.8s,baz=289,slow=8.9,SNR=7.7 | | | P | P | 22 53 50.6 | |
| NVAR | | | | P | P | 22 57 13.4 | -1.5 |
| NVAR | comp=Z,3.8nm,0.9s,baz=267,slow=3.3,SNR=5.3 | | | ScP | ScP | 22 57 13.4 | -1.5 |
| NVAR | | | | ScP | ScP | 22 57 47.0 | |
| NVAR | comp=Z,3.7nm,1.0s,baz=281,slow=4.3,SNR=5.1 | | | pScP | pScP | 22 57 47.0 | |
| NVAR | Mina Array Ba | 42.41 | 85 | P | P | 22 51 39.6 | +0.8 |
| NVAR | | | | P | P | 22 51 56.0 | -0.2 |
| NVAR | | | | P | P | 22 53 30.9 | +0.2 |
| NVAR | | | | P | P | 22 53 50.6 | |
| NVAR | | | | P | P | 22 57 13.4 | -1.5 |
| NVAR | | | | P | P | 22 57 47.0 | |
| J14A | Carey | 42.42 | 76 | ↑P | P | 22 51 39.0 | +0.3 |
| K13A | Stover Farm, H | 42.46 | 77 | ↑P | P | 22 51 39.8 | +0.7 |
| D18A | Fitzpatrick Pi | 42.46 | 69 | ↑P | P | 22 51 39.0 | -0.1 |
| I15A | Montevie | 42.65 | 74 | ↑P | P | | |

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|------|-----------------|-------|-----|---|---|-----------------|
| O15d | The Old Anders | 44.84 | 79 | ↓ | P | 22 51 58.7 +0.4 |
| EDW2 | Edwards Air Fo | 44.87 | 88 | ↓ | P | 22 51 58.5 -0.1 |
| K18A | Toltan Ranch | 44.89 | 74 | ↑ | P | 22 51 59.1 +0.5 |
| U10A | Ash Meadows, A | 44.90 | 85 | ↓ | P | 22 51 58.8 0.0 |
| P14M | Drum Mountains | 44.90 | 80 | ↑ | P | 22 51 59.1 +0.4 |
| DMGT | Dagmar | 44.95 | 64 | ↑ | P | 22 51 58.4 -0.7 |
| DMGT | | | | | | 22 52 15.4 -1.1 |
| CTU | Camp Tracy | 45.03 | 78 | ↑ | P | 22 52 00.6 +0.8 |
| CTU | | | | | | 22 52 16.2 -1.0 |
| CTU | | | | | | 22 53 04.0 +0.4 |
| S12A | Delamar Landin | 45.05 | 83 | ↑ | P | 22 52 00.4 +0.4 |
| T11A | Corn Creek, Al | 45.06 | 84 | ↑ | P | 22 52 00.1 +0.1 |
| N16A | Rees Ranch, Co | 45.10 | 77 | ↑ | P | 22 52 00.4 0.0 |
| BW06 | Boulder Array | 45.10 | 74 | ↓ | P | 22 52 00.5 +0.1 |
| BW06 | Boulder Array | 45.10 | 74 | ↑ | P | 22 52 00.3 0.0 |
| BW06 | | | | | | 22 52 17.0 -0.8 |
| PDAR | Pinedale Array | 45.10 | 74 | ↑ | P | 22 52 00.3 0.0 |
| PDAR | | | | | | 22 52 17.1 -0.7 |
| PDAR | | | | | | 22 57 24.1 -1.8 |
| Q14A | Sevier Lake (B | 45.15 | 80 | ↑ | P | 22 52 01.0 +0.3 |
| M17A | Scully's Gap (B | 45.21 | 76 | ↑ | P | 22 52 00.9 -0.3 |
| R13A | O'Grain Ranch, | 45.23 | 82 | ↑ | P | 22 52 01.9 +0.5 |
| MWC | Mount Wilson | 45.26 | 89 | ↑ | P | 22 52 02.0 +0.3 |
| SHOC | Shoshone | 45.26 | 86 | ↑ | P | 22 52 01.2 -0.5 |
| JLU | Jordanelle | 45.27 | 77 | ↑ | P | 22 52 02.6 +1.0 |
| NLU | North Lily Min | 45.28 | 79 | ↑ | P | 22 52 02.7 +0.9 |
| NLU | | | | | | 22 52 19.0 -0.3 |
| NLU | | | | | | 22 53 42.1 +1.7 |
| NLU | | | | | | 22 57 35.3 +1.3 |
| L18A | Fontenelle, Gr | 45.32 | 75 | ↓ | P | 22 52 02.0 -0.1 |
| GSC | Goldstone | 45.33 | 87 | ↓ | P | 22 52 01.5 -0.7 |
| GSC | Goldstone | 45.33 | 87 | ↑ | P | 22 52 02.1 -0.1 |
| GSC | Goldstone | 45.33 | 87 | ↑ | P | 22 52 18.8 -0.9 |
| GSC | Goldstone | 45.33 | 87 | ↑ | P | 22 53 42.0 |
| GSC | Goldstone | 45.33 | 87 | ↑ | P | 22 52 02.1 -0.1 |
| GSC | Goldstone | 45.33 | 87 | ↑ | P | 22 52 18.8 -0.9 |
| GSC | Goldstone | 45.33 | 87 | ↑ | P | 22 53 42.0 +1.3 |
| GSC | Goldstone | 45.33 | 87 | ↑ | P | 22 52 02.8 +0.1 |
| P15A | Leamington | 45.40 | 79 | ↑ | P | 22 52 03.1 +0.2 |
| N17A | Moffitt Pass | 45.43 | 77 | ↓ | P | 22 52 03.2 -0.2 |
| U11A | Corn Creek | 45.48 | 85 | ↑ | P | 22 52 03.2 -0.2 |
| K19A | Abelson Red Bu | 45.49 | 73 | ↓ | P | 22 52 02.8 -0.6 |
| DAU | Daniels Canyon | 45.50 | 78 | ↑ | P | 22 52 04.5 +1.0 |
| DAU | | | | | | 22 52 20.6 -0.4 |
| DAU | | | | | | 22 53 41.1 |
| DAU | | | | | | 22 52 04.5 +1.0 |
| DAU | | | | | | 22 52 20.6 -0.4 |
| DAU | | | | | | 22 53 41.1 |
| DAU | | | | | | 22 52 04.5 +1.0 |
| DAU | | | | | | 22 52 20.6 -0.4 |
| DAU | | | | | | 22 53 41.1 |
| BFSC | Mount Baldy Ra | 45.50 | 89 | ↑ | P | 22 52 03.6 0.0 |
| MPU | Maple Canyon | 45.51 | 78 | ↑ | P | 22 52 03.2 -0.4 |
| MPU | | | | | | 22 52 20.5 -0.6 |
| MPU | | | | | | 22 57 25.9 -1.6 |
| M18A | Lyman | 45.60 | 76 | ↓ | P | 22 52 03.9 -0.4 |
| L19A | Farson | 45.62 | 74 | ↓ | P | 22 52 04.0 -0.4 |
| S13A | Holt Ranch, En | 45.67 | 82 | ↑ | P | 22 52 04.4 -0.6 |
| Q15A | Fillmore | 45.69 | 80 | ↓ | P | 22 52 05.5 +0.5 |
| T12A | Moapa | 45.70 | 84 | ↑ | P | 22 52 05.0 -0.1 |
| TUQ | Turquoise Moun | 45.79 | 86 | ↑ | P | 22 52 05.5 -0.3 |
| ARUT | Antelope Range | 45.80 | 82 | ↑ | P | 22 52 06.8 +0.9 |
| ARUT | | | | | | 22 52 23.9 +0.5 |
| ARUT | | | | | | 22 52 06.8 +0.9 |
| ARUT | | | | | | 22 52 23.9 +0.5 |
| ARUT | | | | | | 22 57 07.0 +0.9 |
| ARUT | | | | | | 22 57 07.0 +0.9 |
| V11A | Goodsprings | 45.83 | 85 | ↑ | P | 22 52 06.3 +0.1 |
| K20A | Yellowstone Ra | 45.89 | 73 | ↓ | P | 22 52 05.6 -0.9 |
| HEC | Hector, Ludlow | 45.93 | 87 | ↑ | P | 22 52 06.2 -0.8 |
| O17A | Robinson Place | 45.95 | 77 | ↑ | P | 22 52 07.8 +0.8 |
| U12A | Valley of Fire | 45.99 | 84 | ↑ | P | 22 52 07.7 +0.3 |
| CU2A | Cedar City | 46.00 | 82 | ↑ | P | 22 52 08.3 +0.9 |
| T13A | Saint George | 46.00 | 83 | ↑ | P | 22 52 07.8 +0.3 |
| M19A | Rock Springs | 46.10 | 75 | ↑ | P | 22 52 07.2 -0.9 |
| N18A | Larsen Ranch, | 46.11 | 76 | ↓ | P | 22 52 07.4 -0.9 |
| MSU | Marysville | 46.12 | 80 | ↑ | P | 22 52 09.0 +0.6 |
| MSU | | | | | | 22 52 25.2 -0.7 |
| MSU | | | | | | 22 53 44.8 |
| MSU | | | | | | 22 52 09.0 +0.7 |
| MSU | | | | | | 22 52 25.2 -0.7 |
| MSU | | | | | | 22 53 44.8 |
| MURC | Murrieta | 46.21 | 89 | ↑ | P | 22 52 08.2 -1.0 |
| TMUT | Trail Mountain | 46.22 | 79 | ↑ | P | 22 52 05.6 +0.4 |
| TMUT | | | | | | 22 52 29.9 -0.8 |
| TMUT | | | | | | 22 53 42.1 -1.6 |
| TMUT | | | | | | 22 53 02.9 -0.2 |
| V12A | Nelson | 46.26 | 85 | ↑ | P | 22 52 09.4 -0.1 |
| L20A | Wattsutter | 46.28 | 74 | ↑ | P | 22 52 09.1 -0.5 |
| BJI | Beijing | 46.31 | 283 | ↑ | P | 22 52 11.1 +1.3 |
| BJI | | | | | | 22 58 53.5 +2.0 |
| BJI | | | | | | 22 52 09.4 -0.1 |
| BJI | | | | | | 22 52 11.1 +1.3 |
| BJI | | | | | | 22 58 53.5 +2.0 |
| BJI | | | | | | 22 52 09.4 -0.1 |
| BJI | | | | | | 22 52 11.1 +1.3 |
| BJI | | | | | | 22 58 53.5 +2.0 |
| BJI | | | | | | 22 52 09.4 -0.1 |
| BJI | | | | | | 22 52 11.1 +1.3 |
| BJI | | | | | | 22 58 53.5 +2.0 |
| BJI | | | | | | 22 52 09.4 -0.1 |
| BJI | | | | | | 22 52 11.1 +1.3 |
| BJI | | | | | | 22 58 53.5 +2.0 |
| BJI | | | | | | 22 52 09.4 -0.1 |
| BJI | | | | | | 22 52 11.1 +1.3 |
| BJI | | | | | | 22 58 53.5 +2.0 |
| BJI | | | | | | 22 52 09.4 -0.1 |
| BJI | | | | | | 22 52 11.1 +1.3 |
| BJI | | | | | | 22 58 53.5 +2.0 |
| BJI | | | | | | 22 52 09.4 -0.1 |
| BJI | | | | | | 22 52 11.1 +1.3 |
| BJI | | | | | | 22 58 53.5 +2.0 |
| BJI | | | | | | 22 52 09.4 -0.1 |
| BJI | | | | | | 22 52 11.1 +1.3 |
| BJI | | | | | | 22 58 53.5 +2.0 |
| BJI | | | | | | 22 52 09.4 -0.1 |
| BJI | | | | | | 22 52 11.1 +1.3 |
| BJI | | | | | | 22 58 53.5 +2.0 |
| BJI | | | | | | 22 52 09.4 -0.1 |
| BJI | | | | | | 22 52 11.1 +1.3 |
| BJI | | | | | | 22 58 53.5 +2.0 |
| BJI | | | | | | 22 52 09.4 -0.1 |
| BJI | | | | | | 22 52 11.1 +1.3 |
| BJI | | | | | | 22 58 53.5 +2.0 |
| BJI | | | | | | 22 52 09.4 -0.1 |
| BJI | | | | | | 22 52 11.1 +1.3 |
| BJI | | | | | | 22 58 53.5 +2.0 |
| BJI | | | | | | 22 52 09.4 -0.1 |
| BJI | | | | | | 22 52 11.1 +1.3 |
| BJI | | | | | | 22 58 53.5 +2.0 |
| BJI | | | | | | 22 52 09.4 -0.1 |
| BJI | | | | | | 22 52 11.1 +1.3 |
| BJI | | | | | | 22 58 53.5 +2.0 |
| BJI | | | | | | 22 52 09.4 -0.1 |
| BJI | | | | | | 22 52 11.1 +1.3 |
| BJI | | | | | | 22 58 53.5 +2.0 |
| BJI | | | | | | 22 52 09.4 -0.1 |
| BJI | | | | | | 22 52 11.1 +1.3 |
| BJI | | | | | | 22 58 53.5 +2.0 |
| BJI | | | | | | 22 52 09.4 -0.1 |
| BJI | | | | | | 22 52 11.1 +1.3 |
| BJI | | | | | | 22 58 53.5 +2.0 |
| BJI | | | | | | 22 52 09.4 -0.1 |
| BJI | | | | | | 22 52 11.1 +1.3 |
| BJI | | | | | | 22 58 53.5 +2.0 |
| BJI | | | | | | 22 52 09.4 -0.1 |
| BJI | | | | | | 22 52 11.1 +1.3 |
| BJI | | | | | | 22 58 53.5 +2.0 |
| BJI | | | | | | 22 52 09.4 -0.1 |
| BJI | | | | | | 22 52 11.1 +1.3 |
| BJI | | | | | | 22 58 53.5 +2.0 |
| BJI | | | | | | 22 52 09.4 -0.1 |
| BJI | | | | | | 22 52 11.1 +1.3 |
| BJI | | | | | | 22 58 53.5 +2.0 |
| BJI | | | | | | 22 52 09.4 -0.1 |
| BJI | | | | | | 22 52 11.1 +1.3 |
| BJI | | | | | | 22 58 53.5 +2.0 |
| BJI | | | | | | 22 52 09.4 -0.1 |
| BJI | | | | | | 22 52 11.1 +1.3 |
| BJI | | | | | | 22 58 53.5 +2.0 |
| BJI | | | | | | 22 52 09.4 -0.1 |
| BJI | | | | | | 22 52 11.1 +1.3 |
| BJI | | | | | | 22 58 53.5 +2.0 |
| BJI | | | | | | 22 52 09.4 -0.1 |
| BJI | | | | | | 22 52 11.1 +1.3 |
| BJI | | | | | | 22 58 53.5 +2.0 |
| BJI | | | | | | 22 52 09.4 -0.1 |
| BJI | | | | | | 22 52 11.1 +1.3 |
| BJI | | | | | | 22 58 53.5 +2.0 |
| BJI | | | | | | 22 52 09.4 -0.1 |
| BJI | | | | | | 22 52 11.1 +1.3 |
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| BJI | | | | | | 22 52 09.4 -0.1 |
| BJI | | | | | | 22 52 11.1 +1.3 |
| BJI | | | | | | 22 58 53.5 +2.0 |
| BJI | | | | | | 22 52 09.4 -0.1 |
| BJI | | | | | | 22 52 11.1 +1.3 |
| BJI | | | | | | 22 58 53.5 +2.0 |
| BJI | | | | | | 22 52 09.4 -0.1 |
| BJI | | | | | | 22 52 11.1 +1.3 |
| BJI | | | | | | 22 58 53.5 +2.0 |
| BJI | | | | | | 22 52 09.4 -0.1 |
| BJI | | | | | | 22 52 11.1 +1.3 |
| BJI | | | | | | 22 58 53.5 +2.0 |
| BJI | | | | | | 22 52 09.4 -0.1 |
| BJI | | | | | | 22 52 11.1 +1.3 |
| BJI | | | | | | 22 58 53.5 +2.0 |
| BJI | | | | | | 22 52 09.4 -0.1 |
| BJI | | | | | | |

Table with columns: CEN1, CEN2, CEN3, CEN4, CEN5, CEN6, CEN7, CEN8, CEN9, CEN10, CEN11, CEN12, CEN13, CEN14, CEN15, CEN16, CEN17, CEN18, CEN19, CEN20, CEN21, CEN22, CEN23, CEN24, CEN25, CEN26, CEN27, CEN28, CEN29, CEN30, CEN31, CEN32, CEN33, CEN34, CEN35, CEN36, CEN37, CEN38, CEN39, CEN40, CEN41, CEN42, CEN43, CEN44, CEN45, CEN46, CEN47, CEN48, CEN49, CEN50, CEN51, CEN52, CEN53, CEN54, CEN55, CEN56, CEN57, CEN58, CEN59, CEN60, CEN61, CEN62, CEN63, CEN64, CEN65, CEN66, CEN67, CEN68, CEN69, CEN70, CEN71, CEN72, CEN73, CEN74, CEN75, CEN76, CEN77, CEN78, CEN79, CEN80, CEN81, CEN82, CEN83, CEN84, CEN85, CEN86, CEN87, CEN88, CEN89, CEN90, CEN91, CEN92, CEN93, CEN94, CEN95, CEN96, CEN97, CEN98, CEN99, CEN100.

NEIC 07:23:57:10.0, 42:06'S:72:50'W, h8km, mb4.0/1, ML3.5(GUC), After GUC.

NEIC Felt (III) at Hornopiren. STATION 07:23:57:10.0, 42:06'S:72:50'W, h8km±1km, ML3.5, 4C-1D, Southern Chile

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s, ISC. Includes stations like ILCA Isla Las Cabra, HOCH Hornopiren, PUEL Puelo Alto, etc.

NEIC 08:00:16:39.0, 24:00'S:67:17'W, h210km, mb3.8/2, After GUC.

GUC 08:00:16:39.0, 24:00'S:67:17'W, h210km, ML4.3, 6C, Chile-Argentina border region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s, ISC. Includes stations like CEN1 Los Morros, ANCH Antofagasta, MACH Maria Elena, etc.

CSEM 08:00:18:27.3, 0.1, 41:40'N:23:07'E, h5km, ML1.7, Error ellipse: s-maj=2.7km s-min=2.0km az=85.0

THE 08:00:18:27.6, 41:39'N:23:09'E, h1km±1km, ML2.7/7, Error ellipse: s-maj=1.0km s-min=0.4km az=276.0

SKO 08:00:18:28.7, 41:48'N:23:12'E, h4km, M1.8, ML2.0

BEO 08:00:18:28.3, 0.5, 41:40'N:22:98'E, h9km±4km, ML1.9/4

ISC 08:00:18:27.5, 0.4, 41:41'N:0.02:23:05E, 0.3, h6km±4km, n37, 0978/70, 1C, Greece-Bulgaria border region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s, ISC. Includes stations like VAY Valandovo, SOH Sokhos, THE Thessaloniki, etc.

Table with columns: ZAPS, XOR, XOR, XOR, ALN, ALN, ALN, AOS, AOS, AOS. Includes stations like ZAPS, XOR, ALN, AOS.

GUC 08:00:20:57.3, 0.6, 20:42'S:69:47'W, h94km±4km, ML3.8

ISCJB 08:00:20:58.4, 0.6, 20:37'S:0.03:68:99'W, 0.06, h50km±11km, Error ellipse: s-maj=10.1km s-min=5.4km az=77.0

IDC 08:00:21:01.5, 4.4, 20:55'S:68:87'W, h65km±96km, mb3.3/1, mb1 3.8/4, mb1mx3.5/17, mbtrmp3.6/4, ML4.0/3, Error ellipse: s-maj=41.0km s-min=25.8km az=64.0

NEIC 08:00:21:01.0, 0.9, 20:43'S:68:86'W, h58km±15km, mb3.6/2, Error ellipse: s-maj=15.0km s-min=9.2km az=81.0

ISC 08:00:20:00.0, 0.5, 20:39'S:0.03:69:06'W, 0.05, h40km±13km, n17, 1954/27, 3C-1D, Northern Chile

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s, ISC. Includes stations like PB01 Plate Boundary, HMBC Humberston, MNMC Miaz Miaz, etc.

ISCJB 08:00:32:57.8, 2.1, 40:32'N:0:05:25:8'E, 0:2, h28km±5km, Error ellipse: s-maj=25.5km s-min=7.3km az=11.3

ISK 08:00:32:57.9, 40:29'N:25:88'E, h26km±MD2.6

DDA 08:00:32:58.8, 40:28'N:25:74'E, h28km, Md2.9

CSEM 08:00:32:59.0, 0.7, 40:30'N:25:93'E, h21km±3km, MD2.6, Error ellipse: s-maj=18.5km s-min=9.3km az=111.0

ISC 08:00:32:58.0, 2.0, 40:32'N:0:05:25:8'E, 0:2, h26km±6km, n21, 0571/30, Aegean Sea

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s, ISC. Includes stations like GADA Gvkgeada, ENEZ Enez, GELI Tayfur-Gelibol, etc.

NEIC 08:00:54:08.9, 33:77'S:71:86'W, h38km, MD3.6(GUC), After GUC.

GUC 08:00:54:08.9, 0.6, 33:77'S:71:86'W, h38km±2km, MD3.6, ML2.8, 8C-5D, Near coast of central Chile

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s, ISC. Includes stations like LNV Longovilo, TACH Talagante, CHCH Chadas Angostu, etc.

Table with columns: LME1, FCH, FCH, FCH, JACH, JACH, JACH. Includes stations like LME1, FCH, JACH.

Table with columns: LME1, FCH, FCH, FCH, JACH, JACH, JACH. Includes stations like LME1, FCH, JACH.

CSEM 08:01:11:38.1, 0.5, 50:43'N:18:65'E, h2km, ML2.7/5, Error ellipse: s-maj=11.5km s-min=5.0km az=5.0

ISCJB 08:01:11:38.8, 0.6, 50:34'N:0.04:18:65'E, 0.03, h0km, Error ellipse: s-maj=5.6km s-min=2.8km az=14.6

PRU 08:01:11:39.7, 1.4, 50:36'N:18:62'E, h0km

NEIC 08:01:11:39.7, 1.4, 50:39'N:18:66'E, h5km, MG2.5(WAR), Error ellipse: s-maj=19.0km s-min=7.6km az=180.0

WAR 08:01:11:41.0, 0.5, 50:24'N:18:69'E

VIE 08:01:11:42.9, 0.7, 49:73'N:18:76'E, h0km, mb1.7/2, ML2.1/4, Error ellipse: s-maj=4.9km s-min=4.0km az=113.0 38km

ISC 08:01:11:39.8, 0.5, 50:28'N:0:04:18:64'E, 0.03, h0km, n41, 1535/77, 1C-3D, Poland

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s, ISC. Includes stations like RAC Raciborz, RAC Raciborz, OKC Ostrava-Krasne, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s, ISC. Includes stations like KSP Ksiaz, VRAC Vranov, KOLL Kolacno, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s, ISC. Includes stations like CONA Conrad Observa, CONA Conrad Observa, KHC Kasperske Hory, etc.

IDC 08:01:17:58.8, 1.3, 9:20'N:127:03'E, h0km, mb4.0/7, mb1 4.2/7, mb1mx3.9/21, mbtrmp4.0/7, Error ellipse: s-maj=63.3km s-min=24.8km az=67.0

ISCJB 08:01:18:02.0, 2.3, 8:8'N:0:09:126:8'E, 0:1, h36km±20km, mb4.0/7, Error ellipse: s-maj=22.0km s-min=15.1km az=165.0

MAN 08:01:18:02.9, 70'N:126:32'E, h104km, mb4.8, ML3.7, MS3.7

ISC 08:01:18:02.0, 3.8, 8:84'N:0:09:126:8'E, 0:1, h26km±27km, n13, 0989/14, mb4.0/7, 1C, Miodanau

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s, ISC. Includes stations like BUTP Butuan, MATI Mati, BUKP Musuan, etc.

CSEM 08:01:35:46.2, 0.1, 33:79'N:32:52'E, h2km, ML3.7, Error ellipse: s-maj=3.2km s-min=1.9km az=84.0

8d 3h

Table of station data for 8d 3h, including station names, coordinates, and various parameters like elevation and frequency.

2008 JUL

Main table of station data for 2008 JUL, listing stations like KHC, KHC, KHC, etc., with their respective details.

340

Table of station data for 340, including stations like OKFG, SDPT, CHGN, etc., with their details.

Table with columns: TACH, Station Name, Az, Phase ID, Time, Res. Includes stations like Talagante, Farellones, Antumapu, Pirque, Chadas Angostu, Las Melosas, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Alexandroupoli, Limnos Island, Tekirdag, Sigrida, Sigri, Kavala, Paraskevi, etc.

Table with columns: MKAR, Station Name, Az, Phase ID, Time, Res. Includes stations like Makanchi Array, ZALV, KURK, FITZ, WRA, BVAR, ASAR, etc.

IDC 08 03:11:12.24.2.6.66S.147.51E, h0km, mb4.0/6, mb1 4.27, mb1mx4.0/16, mbtm3.1/7, ML3.2/1, MS3.6/4, mb1 3.6/4, mb1mx3.3/13, Error ellipse: s-maj=111.4km, s-min=23.8km az=107.0

NEIC 08 03:11:19.0.1.1.6.67S.147.20E, h35km, Error ellipse: s-maj=25.7km s-min=12.5km az=95.0

ISC 08 03:11:15.1.3.5.6.65S.0.1:147.3E.0.2, h10km, 24km, n13, c077/11, mb4.0/6, MS3.6/3, Eastern New Guinea region

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

MAN 08 04:12:42.971N.122.00E, h56km, mb4.4, ML3.3, MS3.2, 1C, Sulu Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Jordan, Sibdan, Cuyo Island, Tabularan, Lagari-Lapu, etc.

IDC 08 04:19:15.2.2.1.54.24N.87.26E, h0km, M3.5/1, mb1 3.3/3, mb1mx3.2/26, mbtm3.2/3, ML2.9/2, 3C-3D, Error ellipse: s-maj=20.1km s-min=16.5km az=93.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Zalesovo Beam, KURK, KURK, KURK, KURK, MK31, etc.

FUNV 08 03:36:28.3.677N.73.15W, h166km, MW3.5, 8C, Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Capacho, El Vigia, Socops, Socov, Elov, etc.

IDC 08 03:37:44.2.14.0.6.18S.107.92E, h303km, 138km, mb3.3/6, mb1 3.4/6, mb1mx3.1/21, mbtm3.3/6, Jawa Error ellipse: s-maj=203.2km s-min=17.4km az=54.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Chiang Mai Arr, Warramunga Arr, ASAR, STKA, etc.

MAN 08 03:42:53.1538N.122.33E, h2km, mb4.6, ML3.4, MS3.4, ID, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Polilio Island, Baler, Palayan, Cauayan, Boac, Virac, etc.

ISC/JB 08 04:07:51.3.0.8.40.35N.0.03:25.78E.0.04, h6km, 7km, Error ellipse: s-maj=4.9km s-min=4.7km az=148.8

CSEM 08 04:07:51.4.0.2.40.35N.25.80E, h5km, ML2.8/7, Error ellipse: s-maj=3.1km s-min=2.5km az=110.0

DDA 08 04:07:51.5.0.40.35N.25.85E, h7km, 3km, M3.0/3 THE 08 04:07:51.7.0.40.36N.0.03:25.78E.0.04, h11km, 7km, n17, c069/34, Aegean Sea

NIED 08 04:20:00.25.60N.124.00E, h155km, Mw3.9 Best double couple: M7.950000*10^4 NP1.98.000000, s81.000000, lambda-126.000000, NP2.9347.000000, s37.000000, lambda-14.000000

ISC/JB 08 04:20:39.1.0.3.25.67N.0.06:124.0E.0.04, h173km, 5km, mb3.8/14, Error ellipse: s-maj=11.1km s-min=4.0km az=151.9

JMA 08 04:20:41.3.0.4.25.63N.124.01E, h163km, M3.9 IDC 08 04:20:42.3.4.0.25.59N.123.83E, h184km, 41km, mb3.5/13, mb1 3.7/14, mb1mx3.5/28, mbtm3.5/14, Error ellipse: s-maj=37.4km s-min=10.9km az=67.0

NEIC 08 04:20:42.9.1.9.25.52N.123.77E, h190km, 16km, mb4.0/1, Error ellipse: s-maj=33.9km s-min=9.7km az=65.0

ISC 08 04:20:40.2.0.3.25.68N.0.06:124.07E.0.04, h166km, 5km, n41, c098/60, mb3.8/14, Northeast of Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Tarama, Ishigaki jima, Iriomote-Funau, Miyako jima, Kuro-khima, Gusuokube, Yonaguni jima, Hateruma jima, Kume jima 2, Yeheng, Ninganchiao, Aguni-jima, Naha, Tamagusuku 2, Yu-li, Ssanglung, Iheya, Ta-pu, Kunigami, Pinlang, Tokunoshima, Amami Oshima, Minamidaito 2, Kora Array, Songo Array, Makanchi Array, etc.

NEIC 08 04:22:00.37.74N.26.71E, h21km, MD3.3(ATH), After ATH

ISC/JB 08 04:22:00.7.0.6.37.72N.0.02:26.64E.0.03, h2km, 5km, Error ellipse: s-maj=4.8km s-min=3.5km az=143.3

ATH 08 04:22:00.37.74N.26.71E, h21km, MD3.3/4 THE 08 04:22:01.1.37.75N.26.72E, h0km, 1km, ML3.6/2, Error ellipse: s-maj=1.3km s-min=0.5km az=119.0

CSEM 08 04:22:01.2.0.2.37.72N.26.64E, h10km, MD3.3, Error ellipse: s-maj=5.0km s-min=3.6km az=60.0

DDA 08 04:22:02.3.781N.26.76E, h4km, 4km, M3.1 ISC 08 04:22:01.4.0.5.37.73N.0.03:26.62E.0.03, h6km, 4km, n45, c1923/81, Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Samos, GZzelacmi?, Izmir, Balcovia, Chios island, Bornova, Kayabasi, Tasoluk, Apeiranthos, Nisyros Isl., Akhisar, Akhisar, Paraskevi, Sigri, Turunc, Cakirokul, Demirci, Balya, Anoyia, Haines Junctio, etc.

NEIC 08 04:27:16.8.58.18N.133.58W, h1km, ML3.3(PGC), ML2.8(AEIC), After PGC

PGC 08 04:27:16.8.58.18N.133.58W, h1km, ML3.4, 9D, 50km east of Juneau, Ak Southeastern Alaska, Southeastern Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Bessie Mountai, Sitka, Skagway, Dease Lake, Dease Lake, Pleasant Camp, Skagway, Whitehorse, Whitehorse, Haines Junctio, etc.

| | | | | | |
|------|-----------|-----|----|------------|------|
| HYT | | ↑Pg | Pg | 04 28 16.2 | -4.2 |
| HYT | | ↓Sg | Sg | 04 28 58.5 | -5.0 |
| PNL | Peninsula | ePn | Pn | 04 28 09.0 | -1.4 |
| PNL | | ePg | Pg | 04 28 19.0 | -2.2 |
| DAWY | Dawson | ePn | Pn | 04 28 51.3 | -2.7 |
| DAWY | | eSg | Sg | 04 30 40.9 | -5.9 |
| EGAK | Eagle | ePn | Pn | 04 29 06.8 | -0.9 |
| EGAK | | ePg | Pg | 04 29 32.6 | -8.5 |
| EGAK | | eSg | Sg | 04 31 12.9 | -5.9 |

NEIC 08 05:01:45.0, 36°56'N, 111°12'W, h7km, MG3.6(MDD), After MDD.
 IGLI 08 05:01:44.4, 36°46'N, 111°23'W, h18km, ML2.2
 MDD 08 05:01:45.5-1.6, 36°63'N, 111°03'W, h0km, mBLq2.5/23.
 Error ellipse: s-maj=13.6km s-min=11.7km az=49.0
 CSEM 08 05:01:47.2, 0.3, 36°76'N, 110°92'W, h10km, ML1.1/15, Error ellipse: s-maj=5.6km s-min=4.1km az=56.0
 INMG 08 05:01:47.1, 0.9, 36°57'N, 111°03'W, h10km, ML1.9, Error ellipse: s-maj=5.9km s-min=3.2km az=85.0
 ISC 08 05:01:47.1, 0.9, 36°76'N, 110°04.10, 10.93W, 0.05, h10km, n123, 0584/226, 3C, Azores-Cape St. Vincent Ridge

| Code | Station Name | A° AZ° | Phase ID | Op | ISC | h | m | s | ISC | Time | Res |
|-------|----------------|--------|----------|-----|-----|----|----|------|------|------|-----|
| PFVI | Vila Bisbo | 1.73 | 77 | ↑P | Pn | 05 | 02 | 16.9 | -0.3 | | |
| PFVI | Vila Bisbo | 1.73 | 77 | ↑P | S | 05 | 02 | 39.5 | +0.1 | | |
| PFVI | Vila Bisbo | 1.73 | 77 | ↑P | Pn | 05 | 02 | 16.9 | -0.3 | | |
| PFVI | Vila Bisbo | 1.73 | 77 | ↑P | S | 05 | 02 | 39.5 | +0.1 | | |
| PFVI | Vila Bisbo | 1.73 | 77 | ↑P | Pn | 05 | 02 | 16.9 | -0.3 | | |
| PFVI | Vila Bisbo | 1.73 | 77 | ↑P | S | 05 | 02 | 39.5 | +0.1 | | |
| PFVI | Vila Bisbo | 1.73 | 77 | ↑P | Pn | 05 | 02 | 16.9 | -0.3 | | |
| PFVI | Vila Bisbo | 1.73 | 77 | ↑P | S | 05 | 02 | 39.5 | +0.1 | | |
| MORF | Marnelele | 1.91 | 73 | ePn | Pn | 05 | 02 | 19.6 | -0.1 | | |
| MORF | Marnelele | 1.91 | 73 | eSg | Sg | 05 | 02 | 44.1 | +0.4 | | |
| MORF | Marnelele | 1.91 | 73 | P | Pn | 05 | 02 | 19.6 | -0.1 | | |
| MORF | Marnelele | 1.91 | 73 | P | S | 05 | 02 | 44.1 | +0.4 | | |
| MORF | Marnelele | 1.91 | 73 | P | Pn | 05 | 02 | 19.6 | -0.1 | | |
| MORF | Marnelele | 1.91 | 73 | P | S | 05 | 02 | 44.1 | +0.4 | | |
| PTEO | Sao Teotónio | 1.93 | 65 | ePn | Pn | 05 | 02 | 20.3 | +0.3 | | |
| PTEO | Sao Teotónio | 1.93 | 65 | eSg | Sg | 05 | 02 | 46.5 | +2.1 | | |
| PTEO | Sao Teotónio | 1.93 | 65 | P | Pn | 05 | 02 | 20.3 | +0.3 | | |
| PTEO | Sao Teotónio | 1.93 | 65 | P | S | 05 | 02 | 46.5 | +2.1 | | |
| MESJ | Messejana | 2.42 | 63 | ePn | Pn | 05 | 02 | 25.9 | -0.8 | | |
| MESJ | Messejana | 2.42 | 63 | eSg | Sg | 05 | 02 | 57.7 | +1.4 | | |
| MESJ | Messejana | 2.42 | 63 | P | Pn | 05 | 02 | 25.9 | -0.8 | | |
| MESJ | Messejana | 2.42 | 63 | P | S | 05 | 02 | 57.7 | +1.4 | | |
| PBDV | Barranco-do-Ve | 2.45 | 78 | ePn | Pn | 05 | 02 | 27.1 | -0.1 | | |
| PBDV | Barranco-do-Ve | 2.45 | 78 | eSg | Sg | 05 | 02 | 57.9 | +0.7 | | |
| PBDV | Barranco-do-Ve | 2.45 | 78 | P | Pn | 05 | 02 | 27.1 | -0.1 | | |
| PBDV | Barranco-do-Ve | 2.45 | 78 | P | S | 05 | 02 | 57.9 | +0.7 | | |
| PCVE | Castro Verde | 2.47 | 68 | ePn | Pn | 05 | 02 | 27.6 | +0.2 | | |
| PCVE | Castro Verde | 2.47 | 68 | eSg | Sg | 05 | 02 | 58.5 | +0.9 | | |
| PCVE | Castro Verde | 2.47 | 68 | P | Pn | 05 | 02 | 27.6 | +0.2 | | |
| PCVE | Castro Verde | 2.47 | 68 | P | S | 05 | 02 | 58.5 | +0.9 | | |
| PMAFR | Matra | 2.55 | 30 | ePn | Pn | 05 | 02 | 28.9 | +0.3 | | |
| PMAFR | Matra | 2.55 | 30 | eSg | Sg | 05 | 03 | 01.0 | +1.3 | | |
| PMAFR | Matra | 2.55 | 30 | P | Pn | 05 | 02 | 28.9 | +0.3 | | |
| PMAFR | Matra | 2.55 | 30 | P | S | 05 | 03 | 01.0 | +1.3 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | ePn | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | eSg | Sg | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | S | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | ePn | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | eSg | Sg | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | S | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | ePn | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | eSg | Sg | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | S | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | ePn | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | eSg | Sg | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | S | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | ePn | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | eSg | Sg | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | S | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | ePn | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | eSg | Sg | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | S | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | ePn | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | eSg | Sg | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | S | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | ePn | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | eSg | Sg | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | S | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | ePn | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | eSg | Sg | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | S | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | ePn | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | eSg | Sg | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | S | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | ePn | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | eSg | Sg | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | S | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | ePn | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | eSg | Sg | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | S | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | ePn | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | eSg | Sg | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | S | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | ePn | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | eSg | Sg | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | S | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | ePn | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | eSg | Sg | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | S | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | ePn | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | eSg | Sg | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | S | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | ePn | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | eSg | Sg | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | S | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | ePn | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | eSg | Sg | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | S | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | ePn | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | eSg | Sg | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | S | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | ePn | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | eSg | Sg | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | S | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | ePn | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | eSg | Sg | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | S | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | ePn | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | eSg | Sg | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | S | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | ePn | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | eSg | Sg | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | S | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | ePn | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | eSg | Sg | 05 | 03 | 02.5 | +0.4 | | |
| PVAQ | Vaqueiros | 2.65 | 75 | P | Pn | 05 | 02 | 29.9 | 0.0 | | |
| PVAQ | Vaqueiros</ | | | | | | | | | | |

| | | | | | |
|---------------|---|-----------|------|------|-----------------|
| TIA | comp=N,26um,16.3s | LR | LR | | |
| BCPH | comp=E,28um,14.8s | | | | |
| BCPH | Baiguio City Da | 13.26 215 | ↑P | Pn | 07 45 16.5 -1.0 |
| BALP | Baler | 13.35 210 | eP | Pn | 07 45 18.1 -0.6 |
| BOLP | Bolinao | 13.61 217 | eP | Pn | 07 45 21.7 -0.5 |
| PCPH | Palayan | 13.72 211 | eP | Pn | 07 45 23.0 -0.7 |
| KCC | Hong Kong Obse | 13.90 251 | eP | Pn | 07 45 28.0 +1.8 |
| KCC | | | eS | Pn | 07 47 56.0 -3.1 |
| SCZP | Santa Cruz | 14.11 216 | eP | Pn | 07 45 35.6 +6.5 |
| GZH | Guangzhou | 14.30 255 | P | Sn | 07 45 29.6 -2.0 |
| GZH | | | S | Sn | 07 48 09.5 +0.7 |
| GZH | comp=N,22um,16.2s | | | LR | LR |
| GZH | comp=E,16um,22.6s | | | LR | LR |
| PVCP | comp=Z,31um,25.5s | | | LR | LR |
| Virac | | | | LR | LR |
| SNY | Shenyang | 14.44 197 | eP | Pn | 07 45 33.2 -0.2 |
| SNY | | 14.77 346 | ↑P | Pn | 07 45 40.5 +2.9 |
| SNY | | | sP | S | 07 45 57.0 -3.2 |
| SNY | | | sP | S | 07 48 17.7 -2.1 |
| SNY | comp=N,17um,21.0s | | | LR | LR |
| SNY | comp=E,19um,15.9s | | | LR | LR |
| SNY | | | | LR | LR |
| SGY | comp=Z,27um,16.2s | | | Pn | Pn |
| Tagaytay City | | 15.08 209 | eP | Pn | 07 45 41.2 -0.6 |
| Tagaytay City | comp=Z,22m,0.3s,baz=22,slow=1.7,SNR=8.0 | | | Pn | Pn |
| Tagaytay City | | 15.08 209 | P | Pn | 07 45 41.2 -0.6 |
| Tagaytay City | | | Pmax | Pmax | |
| AUOP | comp=Z,32nm,0.3s | | | sP | sP |
| LUBP | San Andres | 15.13 202 | eP | sP | 07 46 10.1 +5.7 |
| VLA | Vladivostok | 15.71 210 | eP | Pn | 07 45 51.5 +1.5 |
| VLA | | 15.79 100 | eP | Pn | 07 45 49.9 -0.8 |
| VLA | | 15.79 100 | eP | Pn | 07 45 49.0 -1.7 |
| BJI | Beijing | 16.03 324 | P | Pn | 07 45 57.5 +3.6 |
| BJI | | | pP | S | 07 46 05.5 -2.4 |
| BJI | | | sP | S | 07 46 11.9 -2.5 |
| BJI | | | S | S | 07 49 02.6 +0.4 |
| BJI | comp=Z,820nm,0.8s | | | Pmax | Pmax |
| BJI | comp=Z,6um,6.6s | | | Pmax | Pmax |
| BJI | comp=N,24um,18.8s | | | LR | LR |
| BJI | comp=E,16um,19.6s | | | LR | LR |
| BJI | | | | LR | LR |
| OTRP | comp=Z,22um,27.3s | | | Pn | Pn |
| CN2 | Odiangan | 16.25 203 | eP | Pn | 07 45 59.5 +2.7 |
| CN2 | Changchun | 16.38 352 | eP | Pn | 07 46 00.8 +2.6 |
| CN2 | | | eP | S | 07 46 09.9 +1.9 |
| CN2 | | | eSP | sP | 07 46 15.0 -3.1 |
| CN2 | | | eS | S | 07 49 01.0 -8.1 |
| CN2 | comp=N,19um,18.0s | | | LR | LR |
| CN2 | comp=E,24um,18.0s | | | LR | LR |
| CN2 | comp=Z,11um,17.0s | | | LR | LR |
| SJMP | San Jose | 16.49 206 | eP | Pn | 07 46 03.9 +4.1 |
| TIY | Taiyuan | 16.79 311 | P | Pn | 07 46 07.3 +3.8 |
| TIY | | | S | S | 07 49 19.8 +2.1 |
| TIY | comp=Z,12um,6.3s | | | Pmax | Pmax |
| TIY | comp=N,4um,8.3s | | | LR | LR |
| TIY | comp=E,18um,14.9s | | | LR | LR |
| TIY | comp=Z,24um,16.1s | | | LR | LR |
| MDJ | Mudanjiang | 17.05 3 | P | Pn | 07 46 06.8 +0.2 |
| MDJ | | | pP | Pn | 07 46 18.3 -0.8 |
| MDJ | | | sP | S | 07 46 23.5 -2.0 |
| MDJ | | | S | S | 07 49 16.6 -6.2 |
| MDJ | | | pP | Pn | 07 46 49.7 +0.1 |
| MDJ | | | PcS | PcS | 07 54 25.9 +0.4 |
| MDJ | comp=Z,62nm,1.1s | | | Pmax | Pmax |
| MDJ | comp=Z,6um,11.0s | | | LR | LR |
| MDJ | comp=N,12um,26.0s | | | LR | LR |
| MDJ | comp=E,11um,21.0s | | | LR | LR |
| MDJ | comp=Z,15um,27.2s | | | LR | LR |
| BUSP | Coron | 17.27 208 | eP | Pn | 07 46 11.6 +2.0 |
| LLP | Lapu-Lapu | 17.65 194 | eP | Pn | 07 46 14.9 +0.7 |
| TBP | Tagbilaran | 18.29 194 | eP | Pn | 07 46 14.8 -7.1 |
| ENPP | Ei Nido | 18.31 209 | eP | Pn | 07 46 22.7 +0.4 |
| ERM | Ermo | 18.81 36 | P | Pn | 07 46 24.5 -3.7 |
| ERM | comp=Z,3um,0.8s,SNR=32 | | | Pn | Pn |
| ERM | Ermo | 18.81 36 | eP | Pn | 07 46 24.1 -4.1 |
| ERM | comp=Z,379nm,0.8s | | | Pmax | Pmax |
| ERM | comp=Z,351nm,0.8s | | | Pn | Pn |
| ERM | Ermo | 18.81 36 | eP | Pn | 07 46 24.5 -3.7 |
| QIZ | Qiongzong | 19.00 247 | P | Pn | 07 46 29.5 -1.2 |
| QIZ | | | pP | Pn | 07 46 38.7 -2.3 |
| QIZ | | | sP | S | 07 46 44.2 -3.1 |
| QIZ | | | S | S | 07 49 58.6 -4.2 |
| QIZ | | | S | S | 07 50 18.3 -2.8 |
| QIZ | comp=Z,3um,7.5s | | | Pmax | Pmax |
| QIZ | comp=N,8um,22.9s | | | LR | LR |
| QIZ | comp=Z,17um,21.0s | | | LR | LR |
| HHC | Hu-ho-hao-te | 19.17 318 | eP | Pn | 07 46 32.6 +0.2 |
| HHC | | | sP | S | 07 46 49.3 +0.4 |
| HHC | | | PP | S | 07 46 50.6 |
| HHC | | | S | S | 07 50 00.9 -4.8 |
| HHC | | | PcP | PcP | 07 50 54.2 +0.9 |
| HHC | | | ScP | ScP | 07 54 24.9 -0.1 |
| HHC | | | PcS | PcS | 07 54 29.9 -0.3 |
| HHC | comp=Z,100nm,0.5s | | | Pmax | Pmax |
| HHC | comp=Z,5um,5.5s | | | Pmax | Pmax |
| HHC | comp=N,20um,12.6s | | | LR | LR |
| HHC | comp=E,18um,12.8s | | | LR | LR |
| HHC | comp=Z,31um,12.4s | | | LR | LR |
| CGP | Gagayan de Oro | 19.32 191 | eP | Pn | 07 46 32.3 -2.1 |
| GYA | Guyang | 19.38 272 | P | Pn | 07 46 35.6 +0.5 |
| GYA | | | pP | Pn | 07 46 45.2 +0.2 |
| GYA | | | sP | S | 07 46 53.8 +2.5 |
| GYA | | | eP | Pn | 07 46 54.3 |
| GYA | | | S | S | 07 50 06.4 -3.7 |
| GYA | comp=Z,90nm,1.0s | | | Pmax | Pmax |
| GYA | comp=Z,3um,8.1s | | | LR | LR |
| GYA | comp=N,9um,20.5s | | | LR | LR |
| GYA | comp=E,15um,14.3s | | | LR | LR |
| GYA | comp=Z,20um,14.6s | | | LR | LR |
| BUKP | Musuan | 19.82 190 | eP | Pn | 07 46 39.6 -0.8 |
| PPR | Puerto Princes | 19.89 209 | eP | Pn | 07 46 39.9 -1.3 |
| BTO | Baotou | 19.96 315 | eP | Pn | 07 46 40.3 -1.5 |
| BTO | | | S | S | 07 50 28.2 +6.6 |
| BTO | comp=N,4um,13.3s | | | LR | LR |
| BTO | comp=E,3um,12.2s | | | LR | LR |
| ASAJ | Asahikawa | 20.10 31 | P | P | 07 46 39.8 -1.5 |
| ASAJ | comp=E,79nm,0.8s,baz=231,slow=14,SNR=30 | | | LR | LR |
| ASAJ | | | | LR | LR |
| ASAJ | comp=E,16um,21.7s,MSS.3,baz=235,slow=38 | | | LR | LR |
| ASAJ | Asahikawa | 20.10 31 | P | P | 07 46 39.8 -1.4 |
| ASAJ | | | Pmax | Pmax | |
| ASAJ | comp=Z,79nm,0.8s | | | MLR | MLR |
| ASAJ | comp=Z,16um,21.7s | | | MLR | MLR |
| PAGZ | Pagadian | 20.17 194 | eP | P | 07 46 43.4 +1.2 |
| DMPH | Davao City-Mi | 20.55 188 | ↑P | P | 07 46 46.0 -0.3 |
| DMPH | | | iS | sP | 07 47 09.0 +4.9 |

| | | | | | |
|------|--|-----------|------|------|-----------------|
| DAV | Davao City (W) | 20.55 188 | P | P | 07 46 45.9 -0.4 |
| DAV | comp=Z,340nm,0.4s,baz=223,slow=5.7,SNR=5.7 | | S | S | 07 50 41.8 +8.1 |
| DAV | comp=Z,173nm,0.4s,baz=30,slow=18,SNR=1.6 | | LR | LR | 07 54 25.1 |
| DAV | comp=Z,14um,18.6s,MSS.3,baz=42,slow=36 | | LR | LR | |
| DAV | Davao City (W) | 20.55 188 | eP | P | 07 46 48.2 +1.8 |
| DAV | Davao City (W) | 20.55 188 | P | P | 07 46 49.5 +3.1 |
| DAV | comp=Z,1um,1.4s | | | P | P |
| DAV | Davao City (W) | 20.55 188 | P | P | 07 46 46.2 -0.2 |
| DAV | SNR=14 | | | P | P |
| MATI | Mati | 20.60 186 | eP | pP | 07 47 01.2 +2.7 |
| CTBH | Cotabato-PC H | 20.60 192 | eP | pP | 07 46 48.1 +1.1 |
| GUMO | Guam | 20.74 129 | eP | P | 07 46 47.2 -1.2 |
| GUMO | comp=Z,2um,1.1s | | | Pmax | Pmax |
| GUMO | comp=Z,18um,20.0s,MSS.4 | | | MLR | MLR |
| GUMO | Guam | 20.74 129 | eP | P | 07 46 47.1 -1.3 |
| GUMO | comp=Z,2um,1.1s | | | LR | LR |
| GUMO | comp=Z,18um,20.0s,MSS.4 | | | P | P |
| GUMO | Guam | 20.74 129 | P | P | 07 46 47.0 -1.4 |
| HABR | Khabarovsk | 21.51 12 | eP | P | 07 46 53.4 -3.1 |
| HABR | | | e'PP | S | 07 47 03.0 |
| HABR | | | e | S | 07 47 14.2 |
| HABR | | | eS | S | 07 50 50.3 -1.8 |
| HABR | | | e | S | 07 50 54.4 |
| HABR | | | e'SS | sS | 07 51 07.1 -3.8 |
| HABR | | | eSSS | S | 07 51 31.4 |
| HABR | | | e | S | 07 58 12.3 |
| HABR | comp=N,21nm,1.3s | | | Pmax | Pmax |
| HABR | comp=Z,230nm,0.9s,mb4.5 | | | Pmax | Pmax |
| HABR | | | | Pmax | Pmax |
| HABR | comp=E,24nm,0.8s | | | MLR | MLR |
| HABR | comp=Z,8um,16.0s,MSS.2 | | | P | P |
| YUK | Yuzh-Kuril'sk | 21.64 36 | iP | P | 07 46 56.8 -1.1 |
| YUK | | | iS | S | 07 50 53.7 -0.9 |
| YUK | comp=N,1um,1.0s | | | Pmax | Pmax |
| YUK | comp=Z,2um,1.0s,mb6.6 | | | Pmax | Pmax |
| YUK | comp=E,330nm,0.5s | | | Pmax | Pmax |
| YUK | comp=Z,3um,1.0s,mb6.6 | | | smax | smax |
| YUK | comp=N,5um,3.6s | | | smax | smax |
| YUK | comp=E,2um,3.6s | | | MLR | MLR |
| YUK | comp=N,14um,26.0s,MSS.3 | | | MLR | MLR |
| YUK | comp=E,7um,26.0s,MSS.3 | | | MLR | MLR |
| YUK | comp=Z,13um,26.0s,MSS.2 | | | P | P |
| CD2 | Chengdu | 21.73 285 | P | P | 07 46 57.9 -1.1 |
| CD2 | | | pP | S | 07 47 09.0 |
| CD2 | | | sP | S | 07 47 14.6 -2.2 |
| CD2 | | | PP | S | 07 47 23.8 |
| CD2 | | | S | S | 07 50 50.2 -6.4 |
| CD2 | comp=Z,580nm,1.0s,mb6.0 | | | Pmax | Pmax |
| CD2 | comp=Z,8um,3.8s | | | Pmax | Pmax |
| CD2 | comp=N,22um,15.5s | | | LR | LR |
| CD2 | comp=N,22um,15.5s | | | LR | LR |
| KLR | comp=Z,22um,19.0s,MSS.6 | | | P | P |
| KLR | Kul'dur | 21.79 6 | eP | S | 07 46 51.7 -7.8 |
| KLR | | | eS | S | 07 50 46.0 -1.1 |
| KLR | comp=N,1um,11.0s | | | Pmax | Pmax |
| KLR | comp=Z,2um,11.0s | | | Pmax | Pmax |
| KLR | comp=Z,4um,11.0s,MSS.0 | | | MLR | MLR |
| YSS | Yuzh-Sakhalins | 22.42 26 | eP | P | 07 47 03.0 -3.2 |
| YSS | | | e'SP | S | 07 47 20.0 -4.1 |
| YSS | | | eS | S | 07 51 05.0 -4.5 |
| YSS | comp=N,360nm,1.0s | | | Pmax | Pmax |
| YSS | comp=Z,530nm,1.0s,mb5.9 | | | Pmax | Pmax |
| YSS | comp=Z,5um,9.0s | | | Pmax | Pmax |
| YSS | comp=N,3um,8.0s | | | Pmax | Pmax |
| YSS | comp=E,2um,8.0s | | | smax | smax |
| YSS | comp=N,5um,12.0s | | | smax | smax |
| YSS | comp=E,3um,14.0s | | | MLR | MLR |
| YSS | comp=Z,7um,16.0s,MSS.2 | | | MLR | MLR |
| YSS | comp=N,5um,17.0s,MSS.2 | | | MLR | MLR |
| YSS | comp=E,5um,17.0s,MSS.2 | | | P</ | |

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

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

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

Table with columns: ID, Name, Az, El, Dist, Az, El, Dist, Az, El, Dist. Includes entries like S21A Coal Bank Pass, U19A Dine' College, V215A Gila River Ind, etc.

Table with columns: ID, Name, Az, El, Dist, Az, El, Dist, Az, El, Dist. Includes entries like W23A Werner Place, 318A Bisbee, V24A Rampart Ranch, etc.

Table with columns: ID, Name, Az, El, Dist, Az, El, Dist, Az, El, Dist. Includes entries like PESTR, GDL2, 325A, PBAR, etc.

Table with columns: CCM, CCM, comp-Z, 1.0m, 20.0s, MSS.4, Black Gap, Mar, 105.01, 45, P, P, 08 00 32.3 -1.0, etc.

Table with columns: BBSR, BB Station, 119.12, 13, PFAKE, LR, 08 01 10.0 +1.4, etc.

Table with columns: CPUP, villa Florida, 174.76, 78, PKP, PKP, 08 02 16.4 -0.1, etc.

| | | | | |
|------|-----------------|---------------|------|-----------------|
| ARUT | Antelope Range | 66.29 325 eP | P | 09 23 43.7 +0.8 |
| ARUT | Antelope Range | 66.29 325 eP | Pmax | |
| ARUT | Antelope Range | 66.29 325 eP | P | 09 23 43.7 +0.9 |
| O18A | Roosevelt | 66.31 329 J P | P | 09 23 43.2 +0.3 |
| YN1A | Neumayer-Stat | 66.35 161 eP | P | 09 24 21.5 |
| YN1A | Neumayer-Stat | 66.35 161 eP | P | 09 23 43.6 +0.3 |
| BFSC | Mount Baldy Ra | 66.36 319 J P | P | 09 23 42.0 -0.7 |
| RRX | Edison Barstow | 66.37 320 J P | P | 09 23 43.6 +0.2 |
| L21A | Rawlins | 66.37 332 J P | P | 09 23 43.0 -0.2 |
| M20A | Sweetwater, Wa | 66.38 331 J P | P | 09 23 43.3 0.0 |
| S13A | Holt Ranch, En | 66.38 324 J P | P | 09 23 44.4 +1.0 |
| N19A | John Jarvis Ra | 66.39 310 J P | P | 09 23 43.1 -0.3 |
| FMP | Fort Macarthur | 66.41 319 J P | P | 09 23 43.8 +0.1 |
| R14A | James Farms, M | 66.43 326 J P | P | 09 23 44.5 +0.7 |
| U11A | Corn Creek | 66.44 323 J P | P | 09 23 44.6 +0.8 |
| GSC | Goldstone | 66.53 321 J P | P | 09 23 44.7 +0.3 |
| GSC | Goldstone | 66.53 321 eP | Pmax | 09 23 45.1 +0.7 |
| GSC | Goldstone | 66.53 321 eP | Pmax | |
| MWC | Mount Wilson | 66.59 319 eP | Pmax | 09 23 45.4 +0.6 |
| MWC | Mount Wilson | 66.59 319 eP | Pmax | |
| MWC | Mount Wilson | 66.59 319 eP | Pmax | |
| Q15A | Fillmore | 66.59 326 J P | P | 09 23 45.0 +0.3 |
| SHOC | Shoshone | 66.61 322 J P | P | 09 23 45.1 +0.2 |
| O17A | Robinson Place | 66.63 328 J P | P | 09 23 45.3 +0.4 |
| PASC | Pasadena Art C | 66.64 319 eP | P | 09 23 46.6 +1.5 |
| P16A | Fountain Green | 66.66 327 J P | P | 09 23 45.8 +0.6 |
| RSSD | Black Hills | 66.69 335 eP | Pmax | 09 23 45.5 +0.3 |
| RSSD | Black Hills | 66.69 335 eP | Pmax | |
| RSSD | Black Hills | 66.69 335 eP | Pmax | |
| N18A | Larsen Ranch, | 66.69 330 J P | P | 09 23 45.3 0.0 |
| DECC | Green Verdugo | 66.78 319 J P | P | 09 23 46.1 +0.1 |
| M19A | Rock Springs | 66.85 330 J P | P | 09 23 45.9 -0.4 |
| L20A | Wamsutter | 66.85 331 J P | P | 09 23 46.2 -0.1 |
| R13A | O'Grain Ranch, | 66.87 325 J P | P | 09 23 47.5 +1.0 |
| SNCC | San Nicolas Is | 66.90 318 J P | P | 09 23 46.5 -0.3 |
| TAOE | Nuku Hiva Isla | 66.94 267 eLR | LR | 09 44 06.6 |
| MPU | Maple Canyon | 66.95 328 eP | P | 09 23 47.2 +0.2 |
| S12A | Delamar Landin | 66.96 324 J P | P | 09 23 47.8 +0.7 |
| P15A | Leamington | 66.96 327 J P | P | 09 23 47.3 +0.3 |
| EDW2 | Edwards Air Fo | 66.98 320 J P | P | 09 23 47.1 -0.2 |
| U10A | Ash Meadows, A | 67.00 322 J P | P | 09 23 47.9 +0.5 |
| DAU | Daniels Canyon | 67.05 328 eP | Pmax | 09 23 48.3 +0.7 |
| DAU | Daniels Canyon | 67.05 328 eP | Pmax | |
| DAU | Daniels Canyon | 67.05 328 eP | Pmax | |
| Q14A | Sevier Lake (B | 67.07 326 J P | P | 09 23 48.6 +0.9 |
| NLU | North Lily Min | 67.13 327 eP | P | 09 23 48.7 +0.5 |
| BLG | Laguna Peak | 67.15 319 J P | P | 09 23 48.8 +0.4 |
| LRMC | Laurel Mountain | 67.18 320 J P | P | 09 23 48.7 +0.1 |
| M18A | Lyman | 67.23 330 J P | P | 09 23 48.2 -0.5 |
| N17A | Moffitt Pass | 67.24 329 J P | P | 09 23 49.2 +0.4 |
| OSI | Osito Adit | 67.26 319 J P | P | 09 23 48.7 -0.4 |
| JLU | Jordanelle | 67.29 328 eP | P | 09 23 49.3 +0.2 |
| R12A | Pony Hill Min | 67.33 325 eP | P | 09 23 50.3 +0.9 |
| FURC | Furnace Creek, | 67.34 322 J P | P | 09 23 50.1 +0.5 |
| K20A | Yellowstone Ra | 67.36 332 J P | P | 09 23 49.0 -0.5 |
| P14A | Drum Mountains | 67.39 326 J P | P | 09 23 50.6 +0.9 |
| L19A | Forsyth | 67.40 331 J P | P | 09 23 49.9 +0.1 |
| BSC | Santa Cruz Isl | 67.44 318 J P | P | 09 23 50.0 -0.2 |
| Q13A | Wheeler Ranch, | 67.45 325 J P | P | 09 23 50.6 +0.5 |
| MPMC | Manual Prospec | 67.45 321 J P | P | 09 23 50.2 0.0 |
| S11A | Rachel | 67.50 323 J P | P | 09 23 51.2 +0.8 |
| N16A | Rees Ranch, Co | 67.50 328 J P | P | 09 23 50.8 +0.4 |
| AGMN | Agassiz Nation | 67.51 343 eP | P | 09 23 49.6 -0.8 |
| CTU | Camp Tracy | 67.51 328 eP | P | 09 23 50.9 +0.3 |
| M17A | Scully's Gap (B | 67.56 329 J P | P | 09 23 50.3 -0.4 |
| O15A | The Old Anders | 67.58 327 J P | P | 09 23 51.5 +0.6 |
| L18A | Fontenelle, Gr | 67.59 330 J P | P | 09 23 50.9 -0.1 |
| HOR | Horta | 67.61 35 eP | P | 09 23 51.2 0.0 |
| PCED | Cedros | 67.64 35 eP | P | 09 23 52.2 +0.8 |
| PCAN | Candelaria | 67.65 36 eP | P | 09 23 51.8 +0.4 |
| ARVC | Arvin | 67.66 320 J P | P | 09 23 51.9 +0.3 |
| NOQ | North Oquirrh | 67.67 328 eP | P | 09 23 51.6 +0.1 |
| DUG | Dugway | 67.69 327 J P | P | 09 23 52.2 +0.5 |
| DUG | Dugway | 67.69 327 J P | Pmax | 09 23 52.2 +0.5 |
| DUG | Dugway | 67.69 327 J P | Pmax | |
| K19A | Absolon Red Bu | 67.73 331 J P | P | 09 23 51.2 -0.6 |
| ISA | Isabella | 67.79 320 J P | P | 09 23 52.8 +0.4 |
| ISA | Isabella | 67.79 320 eP | Pmax | 09 23 52.6 +0.2 |
| ISA | Isabella | 67.79 320 eP | Pmax | |
| P13A | Bates Ranch, G | 67.80 326 J P | P | 09 23 53.0 +0.7 |
| PHD | Ribeirinha | 67.84 36 eP | P | 09 23 51.6 -1.0 |
| CHIE | El Hierro | 67.85 51 eP | P | 09 23 53.1 +0.2 |
| R11A | Troy Canyon, C | 67.89 324 J P | P | 09 23 53.6 +0.6 |
| Q12A | Willow Creek R | 67.95 325 J P | P | 09 23 53.8 +0.5 |
| ROSA | Rosais | 67.96 36 eP | P | 09 23 52.4 -1.0 |
| PMAN | Manadas | 67.99 36 eP | P | 09 23 54.0 +0.5 |
| GRAC | Grapevine Rang | 68.00 322 J P | P | 09 23 54.2 +0.5 |

| | | | | |
|------|-----------------|---------------|------|-----------------|
| BW06 | Boulder Array | 68.01 331 J P | P | 09 23 53.1 -0.5 |
| BW06 | Boulder Array | 68.01 331 eP | P | 09 23 52.7 -0.9 |
| PDAR | Pinedale Array | 68.01 331 P | P | 09 23 52.9 -0.7 |
| PDAR | Pinedale Array | 68.01 331 eP | P | 09 24 37.6 +0.6 |
| PDAR | Pinedale Array | 68.01 331 eP | P | 09 52 08.3 |
| PDAR | Pinedale Array | 68.01 331 eP | P | 09 23 52.9 -0.7 |
| PDAR | Pinedale Array | 68.01 331 eP | P | 09 23 52.7 +0.6 |
| N15A | Stansbury Isla | 68.05 328 J P | P | 09 23 53.7 -0.2 |
| HWUT | Hardware Ranch | 68.10 329 eP | P | 09 23 53.8 -0.3 |
| L17A | Cokeville | 68.13 330 J P | P | 09 23 53.8 -0.6 |
| PKM | Peak Mountain | 68.13 319 J P | P | 09 23 54.4 -0.1 |
| K18A | Toltan Ranch, | 68.14 330 J P | P | 09 23 54.6 +0.2 |
| S10A | Tonopah Range, | 68.17 323 J P | P | 09 23 55.4 +0.7 |
| R10A | Warm Springs | 68.26 324 J P | P | 09 23 55.4 +1.1 |
| O13A | Hicks Ranch, I | 68.27 326 J P | P | 09 23 55.8 +0.5 |
| Q11A | Duckwater | 68.27 324 J P | P | 09 23 55.9 +0.6 |
| P12A | McGill | 68.30 325 J P | P | 09 23 56.2 +0.7 |
| L16A | Fish Haven | 68.34 329 J P | P | 09 23 55.3 -0.4 |
| BGU | Big Grassy Mou | 68.34 327 eP | P | 09 23 55.4 -0.3 |
| N14A | Grayback Hills | 68.37 327 J P | P | 09 23 56.0 +0.1 |
| EHIG | Higuera | 68.42 50 P | P | 09 23 55.7 -0.7 |
| M15A | Larsen Ranch, | 68.44 328 J P | P | 09 23 56.0 -0.3 |
| SMMC | Simmer | 68.51 319 J P | P | 09 23 56.9 0.0 |
| TIN | Tinemaha | 68.55 321 J P | P | 09 23 56.8 -0.3 |
| J18A | Kendall Valley | 68.57 331 J P | P | 09 23 56.7 -0.4 |
| PSMA | Santa Maria | 68.60 39 eP | P | 09 23 56.3 -1.1 |
| EGOM | La Gomera | 68.64 51 P | P | 09 23 57.3 -0.5 |
| K17A | Gaier Place, | 68.65 330 J P | P | 09 23 57.2 -0.4 |
| Q10A | Clear Creek Ra | 68.68 324 J P | P | 09 23 58.6 +0.8 |
| RCTC | Rectort, Farmer | 68.68 320 J P | P | 09 23 57.1 -0.8 |
| AHID | Auburn Hatcher | 68.74 330 eP | P | 09 23 58.3 +0.1 |
| O12A | Currie | 68.77 326 J P | P | 09 23 58.8 +0.4 |
| PDA | Ponta Delgada | 68.78 38 eP | P | 09 23 56.7 -1.8 |
| PSET | Sete Cidades | 68.80 38 eP | P | 09 23 59.1 +0.5 |
| L15A | Malad City | 68.81 329 J P | P | 09 23 58.2 -0.3 |
| P11A | Circle Ranch, | 68.82 325 J P | P | 09 23 59.2 +0.5 |
| HVU | Hansel Valley | 68.84 328 eP | Pmax | 09 23 58.6 -0.1 |
| HVU | Hansel Valley | 68.84 328 eP | Pmax | |
| HVU | Hansel Valley | 68.84 328 eP | Pmax | |
| I18A | Diamond G Ranch | 68.85 331 J P | P | 09 23 59.0 +0.2 |
| GRON | Grota Negra | 68.87 38 eP | P | 09 24 00.8 +1.8 |
| CMLA | Cha da Macela | 68.87 38 eP | P | 09 23 58.9 -0.2 |
| CMLA | Cha da Macela | 68.87 38 eP | P | 09 23 59.0 -0.1 |
| CMLA | Cha da Macela | 68.87 38 eP | P | 09 24 00.0 +0.9 |
| CMLA | Cha da Macela | 68.87 38 eP | Pmax | 09 24 00.0 +1.0 |
| N13A | Wendover, West | 68.90 327 J P | P | 09 23 59.4 +0.2 |
| N13A | Wendover, West | 68.90 327 eP | P | 09 23 59.0 -0.2 |
| M14A | Sheep Mountain | 68.92 328 J P | P | 09 23 59.4 +0.1 |
| J17A | Grover Place, J | 69.01 331 J P | P | 09 23 60.0 +0.2 |
| K16A | Soda Springs | 69.03 330 J P | P | 09 24 00.3 +0.3 |
| REDW | Red Top Meadow | 69.08 330 eP | P | 09 24 00.2 0.0 |
| BART | Pico Bartolome | 69.09 38 eP | P | 09 24 00.8 +0.4 |
| SNOW | Snow King Moun | 69.11 31 eP | P | 09 23 59.8 -0.6 |
| CCAN | Las Canadas | 69.12 51 P | P | 09 24 00.4 -0.5 |
| LOHW | Long Hollow | 69.15 331 eP | P | 09 24 00.7 +0.1 |
| O11A | Cowboy Ranch, | 69.17 325 J P | P | 09 24 01.5 +0.6 |
| TPAW | Teton Pass | 69.22 331 eP | P | 09 24 00.8 -0.2 |
| M13A | Montello | 69.25 327 J P | P | 09 24 00.9 -0.4 |
| M13A | Montello | 69.25 327 eP | P | 09 24 00.9 -0.4 |
| L14A | Malta | 69.26 328 J P | P | 09 24 01.0 -0.3 |
| ULM | Lac du Bonnet | 69.29 344 eP | P | 09 24 00.2 -1.2 |
| ULM | Lac du Bonnet | 69.29 344 eP | P | 09 24 45.7 +0.9 |
| ULM | Lac du Bonnet | 69.29 344 eP | P | 09 52 06.9 |
| ULM | Lac du Bonnet | 69.29 344 eP | P | 09 24 00.1 -1.3 |
| RR12 | Red Ridge | 69.29 330 eP | P | 09 24 01.9 +0.4 |
| MLAC | Mammoth Lakes | 69.30 322 J P | P | 09 24 02.5 +0.8 |
| N12A | Clover Valley, | 69.34 326 J P | P | 09 24 01.9 0.0 |
| N12A | Clover Valley, | 69.34 326 eP | P | 09 24 01.9 0.0 |
| I17A | Pilgrim Ck, | 69.37 331 J P | P | 09 24 02.6 +0.6 |
| J16A | Bone | 69.37 330 J P | P | 09 24 02.2 +0.2 |
| ELK | Elko | 69.38 326 eP | Pmax | 09 24 02.7 +0.6 |
| ELK | Elko | 69.38 326 eP | Pmax | |
| ELK | Elko | 69.38 326 eP | Pmax | |
| K15A | Arbon | 69.38 329 J P | P | 09 24 01.9 -0.2 |
| DCDI | Drake Creek | 69.41 330 J P | P | 09 24 03.0 +0.8 |
| EBAJ | Bajamar | 69.49 51 P | P | 09 24 03.2 +0.1 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 24 03.4 +0.4 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 24 26.4 +1.0 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 52 05.7 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 24 03.4 +0.4 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 24 26.4 +1.0 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 52 05.7 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 24 03.4 +0.4 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 24 26.4 +1.0 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 52 05.7 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 24 03.4 +0.4 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 24 26.4 +1.0 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 52 05.7 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 24 03.4 +0.4 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 24 26.4 +1.0 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 52 05.7 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 24 03.4 +0.4 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 24 26.4 +1.0 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 52 05.7 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 24 03.4 +0.4 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 24 26.4 +1.0 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 52 05.7 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 24 03.4 +0.4 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 24 26.4 +1.0 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 52 05.7 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 24 03.4 +0.4 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 24 26.4 +1.0 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 52 05.7 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 24 03.4 +0.4 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 24 26.4 +1.0 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 52 05.7 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 24 03.4 +0.4 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 24 26.4 +1.0 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 52 05.7 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 24 03.4 +0.4 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 24 26.4 +1.0 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 52 05.7 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 24 03.4 +0.4 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 24 26.4 +1.0 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 52 05.7 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 24 03.4 +0.4 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 24 26.4 +1.0 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 52 05.7 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 24 03.4 +0.4 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 24 26.4 +1.0 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 52 05.7 |
| NVAR | Mina Array Bea | 69.51 323 P | P | 09 |

| | | | | | |
|------|-----------------|-----------|----|---|-----------------|
| F15A | Butte | 71.72 331 | ↑P | P | 09 24 16.3 +0.1 |
| E16A | East Helena | 71.87 332 | ↑P | P | 09 24 17.2 +0.1 |
| H12A | Diamond D Ranch | 71.90 329 | ↑P | P | 09 24 17.7 +0.4 |
| EFAM | Famara | 71.90 51 | P | P | 09 24 17.9 +0.2 |
| D17A | Six Diamond Rd | 71.91 333 | ↑P | P | 09 24 17.5 +0.2 |
| PMPS | Porto Santo | 71.95 47 | eP | P | 09 24 18.4 +0.5 |
| PMPS | Cobalt | 71.99 330 | ↑P | P | 09 25 12.0 |
| G13A | Placerville | 71.99 328 | ↑P | P | 09 24 18.2 +0.4 |
| I11A | Placerville | 71.99 328 | ↑P | P | 09 24 17.9 0.0 |
| J10A | Berg Farm, Mel | 72.07 327 | ↑P | P | 09 24 18.3 -0.1 |
| HRY | Holter Researc | 72.07 332 | eP | P | 09 24 18.4 +0.1 |
| MCCM | Marconi Confer | 72.09 320 | eP | P | 09 24 20.1 +1.5 |
| F14A | Wisdom | 72.11 331 | ↑P | P | 09 24 19.0 +0.5 |
| EGMT | Eagleton | 72.19 334 | ↑P | P | 09 24 18.8 -0.2 |
| EGMT | Eagleton | 72.19 334 | eP | P | 09 24 18.2 -0.8 |
| D16A | Dana Ranch, Ca | 72.19 333 | ↑P | P | 09 24 19.5 +0.5 |
| E15A | Deer Love Ranch | 72.22 332 | ↑P | P | 09 24 19.3 +0.1 |
| WVOR | Wild Horse Val | 72.28 325 | eP | P | 09 24 20.1 -0.2 |
| WVOR | Wild Horse Val | 72.28 325 | eP | P | 09 24 20.1 -0.2 |
| B18A | Beardsley Farm | 72.49 334 | ↑P | P | 09 24 20.8 0.0 |
| MEH | Meheta | 72.53 256 | eP | P | 09 24 22.7 +1.0 |
| MEH | Meheta | 72.53 256 | eP | P | 09 24 52.1 -0.1 |
| F13A | Darby | 72.54 330 | ↑P | P | 09 24 21.4 +0.3 |
| H10A | Payette | 72.55 328 | ↑P | P | 09 24 21.3 +0.1 |
| H11A | Donnelly | 72.58 329 | ↑P | P | 09 24 21.1 -0.3 |
| E14A | Clinton | 72.61 331 | ↑P | P | 09 24 22.0 +0.5 |
| D15A | Lincoln | 72.63 332 | ↑P | P | 09 24 22.1 +0.5 |
| TBI | Tubuai | 72.78 250 | eP | P | 09 24 24.0 +0.8 |
| TBI | Tubuai | 72.78 250 | eP | P | 09 24 52.8 -0.9 |
| B17A | L&G Farms, Che | 72.83 334 | ↑P | P | 09 24 22.4 -0.3 |
| LBCM | Butte Creek Ri | 72.86 323 | P | P | 09 24 23.2 +0.1 |
| C16A | Fuhringer Ranc | 72.86 333 | ↑P | P | 09 24 23.1 +0.2 |
| CHMT | Chamberlain Mo | 72.87 332 | eP | P | 09 24 23.5 +0.5 |
| H10A | Noah's Angus R | 72.87 328 | ↑P | P | 09 24 22.7 -0.4 |
| MAIT | Maitri | 72.88 160 | eP | P | 09 24 22.7 -0.1 |
| MAIT | Maitri | 72.88 160 | eP | P | 09 24 50.6 -2.7 |
| J08A | Circle Bar Ran | 72.92 326 | ↑P | P | 09 24 23.5 +0.1 |
| A18A | Metzger Ranch, | 72.93 335 | ↑P | P | 09 24 23.0 -0.3 |
| MOD | Modoc | 72.95 324 | eP | P | 09 24 24.2 +0.6 |
| E13A | Victor | 72.95 331 | ↑P | P | 09 24 24.0 +0.5 |
| I09A | Lost Marbles R | 72.96 327 | ↑P | P | 09 24 23.5 -0.2 |
| F12A | Elk City | 72.96 330 | ↑P | P | 09 24 23.7 +0.1 |
| PMOR | Pomariores Ree | 72.97 259 | eP | P | 09 24 25.6 +1.3 |
| PMOR | Pomariores Ree | 72.97 259 | eP | P | 09 24 54.7 -0.2 |
| D14A | Greenough | 73.11 332 | ↑P | P | 09 24 24.6 +0.2 |
| M50 | Missoula | 73.12 331 | eP | P | 09 24 24.5 0.0 |
| G11A | Walters Elk Ra | 73.20 329 | ↑P | P | 09 24 25.1 +0.1 |
| SLMT | Seelye Lake | 73.22 332 | eP | P | 09 24 25.1 0.0 |
| C15A | Salmond Ranch, | 73.22 333 | ↑P | P | 09 24 25.8 +0.7 |
| B16A | N & M Farms, S | 73.32 333 | ↑P | P | 09 24 25.3 -0.4 |
| BMO | Blue Mountains | 73.34 328 | eP | P | 09 24 25.8 -0.1 |
| BMO | Blue Mountains | 73.34 328 | eP | P | 09 24 25.8 -0.1 |
| WDC | Whiskeytown Da | 73.40 322 | eP | P | 09 24 25.1 -1.2 |
| WDC | Whiskeytown Da | 73.40 322 | eP | P | 09 24 25.1 -1.2 |
| F11A | Grangeville | 73.50 329 | ↑P | P | 09 24 26.5 -0.3 |
| G10A | Bishop Farm, J | 73.56 328 | ↑P | P | 09 24 27.7 +0.6 |
| D13A | Huson | 73.56 331 | ↑P | P | 09 24 27.4 +0.3 |
| B15A | Bradley Ranch, | 73.61 333 | ↑P | P | 09 24 27.1 -0.3 |
| SWMT | Swartz Lake | 73.65 332 | eP | P | 09 24 28.1 +0.5 |
| H08A | Prairie City | 73.82 327 | ↑P | P | 09 24 29.3 +0.7 |
| K05A | Summer Lake | 73.82 325 | ↑P | P | 09 24 29.6 +0.8 |
| G09A | Cove | 73.88 328 | eP | P | 09 24 29.7 +0.7 |
| YBMT | Yellow Bay | 73.92 332 | eP | P | 09 24 29.7 +0.5 |
| JTMT | Jette | 73.96 332 | eP | P | 09 24 30.1 +0.7 |
| B14A | Marquette Ranc | 73.96 333 | ↑P | P | 09 24 29.3 -0.1 |
| HOG | Hogback Mounta | 73.97 324 | P | P | 09 24 30.4 +0.8 |
| PAE | Paea | 73.99 256 | eP | P | 09 24 31.5 +1.2 |
| PAE | Paea | 73.99 256 | eP | P | 09 25 00.2 -0.7 |
| PAE | Paea | 73.99 256 | eP | P | 09 25 00.2 -0.7 |
| PPT | Papeete | 74.00 256 | eP | P | 09 24 31.3 +0.9 |
| PPT | Papeete | 74.00 256 | eP | P | 09 25 00.7 -0.3 |
| PPT | Papeete | 74.00 256 | eP | P | 09 33 53.9 +0.5 |
| PPT | Papeete | 74.00 256 | eP | P | 09 38 42.7 +2.2 |
| PPT | Papeete | 74.00 256 | eP | P | 09 44 15.7 |
| PPT | Papeete | 74.00 256 | eP | P | 09 47 19.9 |
| PPT | Papeete | 74.00 256 | eP | P | 09 24 30.8 +0.4 |
| PPT | Papeete | 74.00 256 | eP | P | 09 49 06.7 |
| F10A | Beach Ranch, E | 74.09 329 | ↑P | P | 09 24 30.4 +0.3 |
| QSPA | South Pole Qui | 74.17 180 | P | P | 09 24 30.1 -0.1 |
| QSPA | South Pole Qui | 74.17 180 | eP | P | 09 24 29.8 -0.5 |
| A15A | Johnson Ranch, | 74.19 333 | ↑P | P | 09 24 30.1 -0.6 |
| YBH | Yreka Blue Hor | 74.22 323 | eP | P | 09 24 30.1 -1.0 |
| YBH | Yreka Blue Hor | 74.22 323 | eP | P | 09 24 30.1 -0.9 |
| BSMT | Bassoo Peak | 74.27 331 | eP | P | 09 24 31.9 +0.7 |

| | | | | | |
|-------|----------------|-----------|----|---|-----------------|
| C12B | Naegeli Ranch, | 74.48 331 | ↑P | P | 09 24 32.9 +0.4 |
| A14A | Double T Ranch | 74.48 333 | ↑P | P | 09 24 32.1 -0.3 |
| G08A | Pilot Rock | 74.49 327 | ↑P | P | 09 24 33.0 +0.4 |
| B13A | Whitefish | 74.50 332 | ↑P | P | 09 24 32.9 +0.4 |
| LNOR | Linton Mounta | 74.55 328 | eP | P | 09 24 32.9 +0.1 |
| LNOR | Linton Mounta | 74.55 328 | eP | P | 09 24 32.9 +0.1 |
| WALA | Waterton Lakes | 74.76 333 | eP | P | 09 24 34.0 0.0 |
| A13A | Flathead Natio | 74.89 332 | ↑P | P | 09 24 35.4 +0.7 |
| HUMO | Hull Mountain | 74.91 323 | eP | P | 09 24 34.6 -0.5 |
| E09A | Wood Farm, Sta | 74.92 329 | ↑P | P | 09 24 34.9 -0.1 |
| BBOR | Butler Butte | 74.93 324 | P | P | 09 24 34.8 -0.4 |
| FFC | Flin Flon | 74.98 342 | iP | P | 09 24 34.7 -0.4 |
| FFC | Flin Flon | 74.98 342 | eP | P | 09 24 34.3 -0.8 |
| B12A | Libby | 75.08 332 | ↑P | P | 09 24 36.5 +0.7 |
| G06A | Carlson Farm, | 75.33 327 | ↑P | P | 09 24 38.1 +0.7 |
| E08A | Dider Farm, El | 75.36 328 | ↑P | P | 09 24 37.5 0.0 |
| A12A | Yaak River Ran | 75.45 332 | ↑P | P | 09 24 38.6 +0.6 |
| HAWA | Hanford | 75.54 328 | eP | P | 09 24 39.4 +0.9 |
| RSW | Wild Horse Hi | 75.57 328 | P | P | 09 24 39.9 +1.2 |
| NEW | Newport | 75.65 331 | eP | P | 09 24 39.2 +0.1 |
| NEW | Newport | 75.65 331 | eP | P | 09 24 39.2 +0.1 |
| D08A | Wollman Farm, | 75.68 329 | ↑P | P | 09 24 39.7 +0.3 |
| H04A | Detroit Lake | 75.81 325 | ↑P | P | 09 24 39.9 -0.2 |
| OD2 | Odesa Site #2 | 75.81 329 | ↑P | P | 09 24 40.2 +0.2 |
| E07A | Sunnyside | 75.81 328 | ↑P | P | 09 24 40.6 +0.5 |
| HOOD | Mount Hood Mea | 75.93 326 | eP | P | 09 24 42.8 +2.0 |
| G04A | Mulino | 76.30 326 | ↑P | P | 09 24 42.9 0.0 |
| COR | Corvallis | 76.36 325 | eP | P | 09 24 44.5 +1.3 |
| COR | Corvallis | 76.36 325 | eP | P | 09 24 44.5 +1.3 |
| F04A | Amboy | 76.74 326 | ↑P | P | 09 24 45.5 +0.1 |
| ETW | Entiat | 76.76 329 | P | P | 09 24 46.1 +0.7 |
| B08A | Colville Reser | 76.78 330 | ↑P | P | 09 24 45.4 -0.1 |
| LOH | Longmire | 76.95 327 | eP | P | 09 24 46.6 +0.1 |
| LOH | Longmire | 76.95 327 | eP | P | 09 24 46.6 +0.1 |
| HEBO | Mount Hebo | 77.00 325 | eP | P | 09 24 48.2 +1.4 |
| D05A | Ennumclaw | 77.33 327 | ↑P | P | 09 24 48.8 +0.2 |
| F03A | Edmonton | 77.35 326 | ↑P | P | 09 24 48.9 +0.2 |
| EDM | Edmonton | 77.66 336 | eP | P | 09 24 49.4 -0.9 |
| RPW | Rupert | 77.91 329 | P | P | 09 24 51.6 -0.2 |
| B06A | Marblemount | 77.94 329 | ↑P | P | 09 24 51.6 -0.4 |
| JCW | Jim Creek | 77.95 328 | P | P | 09 24 51.7 -0.4 |
| GNW | Green Mountain | 78.00 327 | eP | P | 09 24 52.0 -0.3 |
| NLWA | Neilton Lookou | 78.44 327 | ↑P | P | 09 24 55.7 +1.0 |
| NLWA | Neilton Lookou | 78.44 327 | ↑P | P | 09 24 55.7 +1.0 |
| A05A | Maple Falls | 78.56 329 | ↑P | P | 09 24 55.4 0.0 |
| PGC | Sidney | 79.02 328 | eP | P | 09 24 58.7 +0.8 |
| PFVI | Vila Bisbo | 79.31 46 | iP | P | 09 25 01.1 +1.3 |
| PFVI | Vila Bisbo | 79.31 46 | iP | P | 09 25 31.2 +0.4 |
| PFVI | Vila Bisbo | 79.31 46 | iP | P | 09 25 57.4 |
| PFVI | Vila Bisbo | 79.31 46 | iP | P | 09 34 54.4 +4.0 |
| PFVI | Vila Bisbo | 79.31 46 | iP | P | 09 25 00.4 +0.6 |
| MORF | Marmelete | 79.52 46 | iP | P | 09 25 02.3 +1.4 |
| MORF | Marmelete | 79.52 46 | iP | P | 09 25 58.8 |
| MORF | Marmelete | 79.52 46 | iP | P | 09 34 56.0 +3.5 |
| MORF | Marmelete | 79.52 46 | iP | P | 09 25 00.9 0.0 |
| MORF | Marmelete | 79.52 46 | iP | P | 09 34 52.5 0.0 |
| PTEO | Sao Teotonia | 79.59 46 | eP | P | 09 25 02.8 +1.5 |
| LIS | Lisbon | 79.88 45 | eP | P | 09 25 59.0 |
| LIS | Lisbon | 79.88 45 | eP | P | 09 25 02.8 0.0 |
| LIS | Lisbon | 79.88 45 | eP | P | 09 34 56.2 +0.1 |
| LIS | Lisbon | 79.88 45 | eP | P | 09 34 56.4 +0.3 |
| LIS | Lisbon | 79.88 45 | eP | P | 09 58 31.4 |
| LIS | Lisbon | 79.88 45 | eP | P | 09 25 02.8 0.0 |
| LIS | Lisbon | 79.88 45 | eP | P | 09 34 56.3 +0.1 |
| LIS | Lisbon | 79.88 45 | eP | P | 09 58 31.4 |
| PMAFR | Mafr | 79.90 45 | eP | P | 09 25 04.0 +1.1 |
| PMAFR | Mafr | 79.90 45 | eP | P | 09 26 00.2 |
| PBDV | Barranco-do-Ve | 79.99 47 | iP | P | 09 35 00.2 +3.7 |
| PBDV | Barranco-do-Ve | 79.99 47 | iP | P | 09 25 05.0 +1.5 |
| PBDV | Barranco-do-Ve | 79.99 47 | iP | P | 09 25 34.5 0.0 |
| PBDV | Barranco-do-Ve | 79.99 47 | iP | P | 09 26 01.2 |
| PBDV | Barranco-do-Ve | 79.99 47 | iP | P | 09 35 03.2 +5.7 |
| MESJ | Messejaana | 80.08 46 | eP | P | 09 25 03.9 0.0 |
| MESJ | Messejaana | 80.08 46 | eP | P | 09 34 58.3 -0.1 |
| MESJ | Messejaana | 80.08 46 | eP | P | 09 34 58.4 0.0 |
| MESJ | Messejaana | 80.08 46 | eP | P | 09 59 35.0 |
| MESJ | Messejaana | 80.08 46 | eP | P | 09 25 03.9 0.0 |
| MESJ | Messejaana | 80.08 46 | eP | P | 09 34 58.3 -0.1 |
| MESJ | Messejaana | 80.08 46 | eP | P | 09 59 35.0 |
| MESJ | Messejaana | 80.08 46 | eP | P | 09 25 03.8 -0.1 |
| MESJ | Messejaana | 80.08 46 | eP | P | 09 34 58.2 -0.2 |
| PCVE | Castro Verde | 80.11 46 | iP | P | 09 25 05.4 +1.3 |
| PCVE | Castro Verde | 80.11 46 | iP | P | 09 25 34.7 -0.4 |
| PCVE | Castro Verde | 80.11 46 | iP | P | 09 26 01.6 |
| PCVE | Castro Verde | 80.11 46 | iP | P | 09 35 02.5 +3.8 |
| PVAQ | Vaqueiros | 80.22 47 | iP | P | 09 25 05.8 +1.1 |
| PVAQ | Vaqueiros | 80.22 47 | iP | P | 09 25 38.1 +2.4 |
| PVAQ | Vaqueiros | 80.22 47 | iP | P | 09 26 02.5 |
| PVAQ | Vaqueiros | 80.22 47 | iP | P | 09 35 03.4 +3.5 |
| PBEJ | Beja | 80.42 46 | iP | P | 09 25 07.0 +1.3 |
| PBEJ | Beja | 80.42 46 | iP | P | 09 26 03.0 |
| EGRO | El Granado | 80.45 47 | P | P | 09 25 06.1 +0.2 |
| EVOP | Sao Brissos | 80.48 45 | eP | P | 09 25 06.1 +0.1 |
| EVOP | Sao Brissos | 80.48 45 | eP | P | 09 35 02.2 +0.2 |
| EVOP | Sao Brissos | 80.48 45 | eP | P | 09 35 02.5 -0.1 |
| EVOP | Sao Brissos | 80.48 45 | eP | P | 09 58 09.5 |
| EVOP | Sao Brissos | 80.48 45 | eP | P | 09 25 06.1 +0.1 |
| EVOP | Sao Brissos | 80.48 45 | eP | P | 09 35 02.2 +0.2 |
| EVOP | Sao Brissos | 80.48 45 | eP | P | 09 35 02.5 -0.1 |
| EVOP | Sao Brissos | 80.48 45 | eP | P | 09 58 09.5 |
| EVOP | Sao Brissos | 80.48 45 | eP | P | 09 25 06.1 +0.1 |
| EVOP | Sao Brissos | 80.48 45 | eP | P | 09 35 02.2 +0.2 |
| EVOP | Sao Brissos | 80.48 45 | eP | P | 09 35 02.5 -0.1 |
| EVOP | Sao Brissos | 80.48 45 | eP | P | 09 58 09.5 |
| EVOP | Sao Brissos | 80.48 45 | eP | P | 09 25 06.1 +0.1 |
| EVOP | Sao Brissos | 80.48 45 | eP | P | 09 35 02.2 +0.2 |
| EVOP | Sao Brissos | 80.48 45 | eP | P | 09 35 02.5 -0.1 |
| EVOP | Sao Brissos | 80.48 45 | eP | P | |

8d 9h

2008 JUL

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like GUD Guadarrama, TSUM Tsumeb, EVIA Vianos, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like LFF La Frestale, GMM Mts of Mourne, MTLF Montlieux, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like KSB Sheil Bridge, AGO Agoulin, BGF Bois d'Agland, etc.

Table with columns for station name, frequency, power, and various technical parameters. Includes stations like PRU Pruhonice, ARSA Arzberg, PPLA Purkeypille, RUE Ruedersdorf, etc.

Table with columns for station name, frequency, power, and various technical parameters. Includes stations like KIS Kishinev, AKASO Malin Array Be, DZM Mont Dzumac, etc.

Table with columns for station name, frequency, power, and various technical parameters. Includes stations like YAK, YAK Yakutsk, KLBRR Kellerberrin, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like H11A Donnelly, B17A L&G Farms, C16A Fultringer Ranc, etc.

ATH 08 16:02:54.6, 38.40N, 21.42E, h32km, 1km, MD2.8/6
ISC/JB 08 16:02:55.6, 0.5, 38.41N, 0.04, 21.45E, 0.03, h30km, 4km,
Error ellipse: s-maj=7.0km s-min=1.1km az=176.0

CSEM 08 16:02:55.2, 0.2, 38.41N, 21.45E, h30km, MD2.8, Error
ellipse: s-maj=5.6km s-min=3.3km az=179.0

THE 08 16:02:56.0, 38.42N, 21.46E, h16km, 2km, ML2.5/6, Error
ellipse: s-maj=3.0km s-min=0.6km az=174.0

ISC 08 16:02:55.6, 0.5, 38.42N, 0.04, 21.45E, 0.03, h30km, 4km,
n25, c0679/50, Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like UPR University Cam, EFP Efpalio, RLS Riolos of Patr, etc.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like DSF Goura, HWA Hwalien, TWD Chiawan, etc.

ISC/JB 08 16:04:51.4, 0.4, 23.84N, 0.02, 122.08E, 0.02, h25km, 3km,
Error ellipse: s-maj=3.9km s-min=2.4km az=139.8
TAP 08 16:04:52.4, 23.88N, 122.02E, h37km, ML3.1, C
JMA 08 16:04:52.7, 0.4, 23.87N, 122.01E, h62km
ISC 08 16:04:51.6, 0.5, 23.85N, 0.02, 122.07E, 0.02, h22km, 4km,
n45, c068/86, 3, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like HWA Hwalien, TWD Chiawan, TWT Tachien, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like EAST, JIJ Ishigaki jima, SCZT Fangliu, etc.

MDD 08 16:05:33.5, 2.2, 36.82N, 10.99W, h0km, mbLg2.0/8, Error
ellipse: s-maj=28.2km s-min=18.6km az=157.0
NEIC 08 16:05:33.7, 1.5, 36.93N, 11.00W, h0km, MG3.9(MDD), After
MDD.

INMG 08 16:05:34.2, 0.4, 36.70N, 11.07W, h10km, ML1.6, Error
ellipse: s-maj=10.8km s-min=6.1km az=141.0
CSEM 08 16:05:34.2, 0.4, 36.80N, 10.91W, h10km, ML2.6/6, Error
ellipse: s-maj=12.0km s-min=6.5km az=150.0

ISC 08 16:05:33.7, 1.5, 36.93N, 11.00W, h10km, n49,
c080/87, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like PFVI Vila Bisbo, MORF Marneleite, PTEO Sao Teotonio, etc.

8d 16h

Table with 5 columns: ELOB, Lobios, 5.43, 24, S, Sn, 16 07 55.0 -2.1

BUI 08 16:05:56.8, 10.79N, 91.28E, h15km, mB4.5/3, mb4.5/6, Ms4.6/2, Ms7.4/32

NEIC 08 16:05:58.6, 0.9, 10.73N, 91.83E, h10km, mb4.6/1, Error ellipse: s-maj=23.5km s-min=14.1km az=109.0

ISC/JB 08 16:05:59.9, 0.6, 10.81N, 0.07, 91.81E, 0.08, h33km, mb4.1/7, Error ellipse: s-maj=13.3km s-min=7.6km az=147.1

ISC 08 16:05:59.2, 3.3, 10.79N, 0.07, 91.81E, 0.09, h14km, 21km, n26, c095/26, mb4.1/7, Andaman Islands region

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res

BGS 08 16:08:28.2, 0.7, 39.07N, 76.22E, h40km, mb4.9, MS5.1

ISC/JB 08 16:08:29.8, 0.7, 39.46N, 0.02, 73.11E, 0.02, h18km, 4km, mb5.1/294, MS4.7/84, Error ellipse: s-maj=3.2km s-min=2.3km az=25.9

MOS 08 16:08:30.5, 1.1, 39.47N, 73.18E, h25km, mb5.4/113, MS4.7/44, Error ellipse: s-maj=5.3km s-min=3.2km az=131.4

BUI 08 16:08:31.7, 39.58N, 73.27E, h33km, mb5.1/25, mb5.0/36, ML4.8/4, Ms4.8/41, Ms7.4/537

NNC 08 16:08:31.4, 3.1, 39.62N, 72.93E, h14km, 15km, mb5.6, mpv5.5, Error ellipse: s-maj=29.4km s-min=13.6km az=21.0

GCMT 08 16:08:31.3, 0.2, 39.47N, 72.89E, h12km, MWS, 0. Moment Tensor Solution, s32,c40; s86,c152; Moments: Scale 10^19Nm; Mrr: 4.03e+08; Mtr: 0.52e+28; Best double couple: Mo: 4.10000e+16; NP1: 2e+16.00000; s39,00000; s57,00000; s76,00000; s88,00000; s88,00000; s114,00000; Principal axes: T 4.1700, Plg67.0000; Azm35.0000; N -0.0900, Plg20.0000; Azm243.0000; P -0.0900, Plg10.0000; Azm149.0000; Data Used: II UIC G C N.

SZGRF 08 16:08:31.8, 39.49N, 73.36E, h33km, mb5.1, MS4.6, Tajikistan-Xinjiang border region

IDA 08 16:08:31.6, 2.6, 39.50N, 73.16E, h20km, 16km, mb4.9/36, mb1.4/942, mb1mx4.9/42, mbtm9.9/42, ML4.4/6, MS4.5/26, Ms1.4/5/26, ms1mx4.3/35, Error ellipse: s-maj=8.3km s-min=7.3km az=140.0

NEIC 08 16:08:35.0, 0.6, 39.52N, 73.18E, h49km, 5km, mb5.2/164, MS4.7/8, Error ellipse: s-maj=4.6km s-min=2.8km az=178.0

DJA 08 16:08:38, 39.42N, 72.98E, h54km, mb5.4/26

ISC 08 16:08:33.7, 0.6, 39.51N, 0.02, 73.14E, 0.02, h33km, 4km, h43km, 2.3km; pP-P, n954, s1901/996, mb5.1/294, MS4.7/84, 104C-8D, Tajikistan-Xinjiang border region

Continuation of station list table with columns: Code, Station Name, Az, Phase ID, Time, Res

2008 JUL

Main station list table with columns: ULHL, Ulahol, 3.61, 40, P, Pn, 16 09 28.9 +1.6

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Main station list table with columns: AKTO, AKTO, Z, 6um, 18.0s, MLR, MLR

8d 16h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SNY, BZS, KSP, and many others.

2008 JUL

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KSP, KHC, KSP, and many others.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KHC, KSP, KHC, and many others.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like MYLDM Lahad Datu, DYA Yadworthy, REOB Ens, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like PMRV Marv??, ESPR Espera, TTSI Tana Toraja, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like FFC Flin Flon, FFC Flin Flon, FFC Flin Flon, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Detroit Lake, Bishop Farm, Bozeman, etc.

FUNV 08 16:15:15.0, 6.84N:73.14W, h172km, MW3.8, 5C, Northern Colombia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Capacho, El Vigia, Socops, etc.

CASC 08 16:20:49.9, 2.2, 8.42N:82.89W, h10km, 7km, MD4.0, 2C-2D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Volcan, Changuinola, Buena Vista, etc.

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes sections for Komandorsky Islands region, Southern Chile, Near coast of Chiapas, and Eastern Sea of Japan.

ISCJB 08 17:14:15.3, 0.5, 31.96N:104.74E, h10km, mb3.8/8, Error ellipse: s-maj=4.5km s-min=4.4km az=37.2

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

ISC 08 17:14:16.4, 1.0, 32.01N:104.59E, h0km, mb3.8/7, Error ellipse: s-maj=43.2km s-min=17.9km az=59.0

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes sections for Mongolia and various station codes like S12A, S11A, etc.

ISCJB 08 17:50:54.5, 0.2, 37.46N:114.60W, h0.02, h10km, Error ellipse: s-maj=2.4km s-min=2.0km az=44.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Delamar Landin, Saint George, Moapa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like EZN Ezine, GELI Tayfur-Gelibol, ERIK Eriki-Kesan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like FINES FINES Array B, FINES FINES, NOA NORSAR Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SNTG Esanatoglia, SNTG Esanatoglia, ARVD Arcevia, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ISCBJ 08 21:18:49.7, IDC 08 21:18:49.6, NEIC 08 21:18:50.4, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like TRTR Torretto Alta, CFFR Castel Frentan, OFFI Offida, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SNTG Esanatoglia, ARVD Arcevia, LNSS Leonessa, etc.

| | | | | | |
|------|---|------|------|-----------------|--|
| BJI | comp=N,140nm,23.0s,MS4.3 | LR | LR | | |
| BJI | comp=E,120nm,21.9s,MS4.3 | LR | LR | | |
| XAN | comp-Z,190nm,25.4s,MS4.2 | P | P | | |
| XAN | Xi'an 71.66 312 | P | P | 02 46 01.1 +0.1 | |
| XAN | comp-Z,20nm,0.8s,mb5.1 | pmax | pmax | | |
| KMI | comp-Z,19nm,8.9s | P | P | | |
| KMI | Kunming 72.53 301 | P | P | 02 46 08.0 +1.6 | |
| KMI | | pP | pP | 02 46 21.2 +0.1 | |
| KMI | | sP | sP | 02 46 28.3 +1.4 | |
| KMI | | PP | PP | 02 48 51.7 +3.3 | |
| KMI | | S | S | 02 55 25.9 +1.5 | |
| KMI | | sS | sS | 02 55 55.1 +3.1 | |
| KMI | comp-Z,67nm,1.0s,mb5.5 | pmax | pmax | | |
| KMI | comp=N,100nm,16.0s,MS4.3 | LR | LR | | |
| KMI | comp=E,110nm,19.1s,MS4.3 | LR | LR | | |
| KMI | comp-Z,91nm,25.8s | LR | LR | | |
| HHC | Hu-ho-hao-te 73.42 320 | eP | P | 02 46 12.0 +0.7 | |
| HHC | | PcP | PcP | 02 46 27.2 -0.1 | |
| HHC | | pP | pP | 02 46 30.1 +4.1 | |
| HHC | | sP | sP | 02 46 38.1 +6.3 | |
| HHC | | S | S | 02 55 35.3 -1.5 | |
| HHC | | sS | sS | 02 56 08.1 -1.5 | |
| HHC | | ScS | ScS | 02 56 12.6 -3.3 | |
| HHC | comp-Z,19nm,0.6s,mb5.2 | pmax | pmax | | |
| HHC | comp-Z,67nm,6.6s | LR | LR | | |
| HHC | comp=N,100nm,17.6s,MS4.5 | LR | LR | | |
| HHC | comp=E,190nm,17.2s,MS4.5 | LR | LR | | |
| HHC | comp-Z,230nm,17.1s,MS4.5 | LR | LR | | |
| CHTO | Chiang Mai 73.52 294 | eP | P | 02 46 12.9 +0.6 | |
| CHTO | | eP | pmax | | |
| CHTO | comp-Z,23nm,1.0s,mb5.1 | P | P | | |
| CHTO | Chiang Mai 73.52 294 | eP | P | 02 46 12.9 +0.6 | |
| CHTO | comp-Z,24nm,1.0s,mb5.1 | P | P | | |
| CHTO | Chiang Mai 73.52 294 | eP | P | 02 46 12.9 +0.6 | |
| CHTO | comp-Z,23nm,1.4s,mb5.2 | P | P | | |
| CD2 | Chengdu 74.09 307 | P | P | 02 46 15.8 +0.4 | |
| CD2 | | pP | pP | 02 46 32.4 +2.2 | |
| CD2 | | sP | sP | 02 46 39.3 +3.3 | |
| CD2 | | PP | PP | 02 49 03.6 +2.0 | |
| CD2 | | sS | sS | 02 55 42.6 -2.1 | |
| CD2 | | SS | SS | 02 56 11.7 +2.2 | |
| CD2 | | pmax | pmax | 03 00 30.8 -0.1 | |
| CD2 | comp-Z,80nm,0.9s,mb5.7 | pmax | pmax | | |
| CD2 | comp-Z,140nm,6.9s | LR | LR | | |
| CD2 | comp=N,200nm,4.9s | LR | LR | | |
| CD2 | comp-Z,120nm,8.3s | LR | LR | | |
| SEY | Seymchan 75.97 353f | eP | P | 02 46 26.9 +1.4 | |
| SEY | | i-PP | pP | 02 46 40.5 +0.2 | |
| LZH | Lanzhou 76.30 312 | i-PP | pP | 02 46 29.6 +1.6 | |
| LZH | | pP | pP | 02 46 40.5 +0.2 | |
| LZH | | eS | sS | 02 56 11.0 +2.0 | |
| LZH | | sS | sS | 02 56 28.5 -5.3 | |
| LZH | comp-Z,49nm,1.5s,mb5.2 | pmax | pmax | | |
| LZH | comp-Z,120nm,6.5s | LR | LR | | |
| LZH | comp=N,390nm,15.2s | LR | LR | | |
| QSPA | comp-Z,510nm,18.0s,MS4.9 | eP | P | 02 46 33.6 -0.6 | |
| QSPA | comp-Z,41nm,1.0s,mb5.3 | eP | P | | |
| KDAK | Kodiak Island 77.62 21 | eP | pP | 02 46 45.6 -3.6 | |
| ULN | comp-Z,243nm,19.4s,MS4.5,baZ=132,slow=32 | LR | LR | 03 15 26.0 | |
| ULN | Ulanbaatar 79.91 324 | eP | P | 02 46 48.0 +0.2 | |
| ULN | | eP | pmax | | |
| ULN | comp-Z,22nm,0.7s,mb5.2 | P | P | | |
| ULN | Ulanbaatar 79.91 324 | eP | P | 02 46 48.0 +0.3 | |
| ULN | comp-Z,22nm,0.7s,mb5.2 | P | P | | |
| ULN | Ulanbaatar 79.91 324 | P | P | 02 46 47.9 +0.1 | |
| SONM | Songino Array 80.28 324 | P | P | 02 46 49.9 +0.1 | |
| SONM | comp-Z,4.4nm,0.3s,mb4.8,baZ=140,slow=6.2,SNR=39 | LR | LR | 03 17 59.2 | |
| SONM | comp-Z,69nm,21.2s,MS4.0,baZ=240,slow=32 | LR | LR | 03 17 59.2 | |
| BILL | Bilibino 80.30 360j | eP | P | 02 46 48.1 -1.3 | |
| BILL | | eP | pP | 02 47 03.9 -0.4 | |
| BILL | | eP | pmax | | |
| GTA | comp-Z,4.0nm,0.8s,mb4.4 | i-PP | P | 02 46 52.8 +1.1 | |
| GTA | Gaotai 80.61 314 | i-PP | pP | 02 47 11.1 +4.5 | |
| GTA | | sP | sP | 02 47 18.0 +5.6 | |
| GTA | | S | S | 02 56 54.2 -0.8 | |
| GTA | | sS | sS | 02 57 01.7 | |
| GTA | | sS | sS | 02 57 23.4 +3.3 | |
| GTA | comp-Z,25nm,1.0s,mb5.1 | pmax | pmax | | |
| GTA | comp-Z,100nm,5.3s | LR | LR | | |
| GTA | comp=N,78nm,17.5s,MS4.3 | LR | LR | | |
| GTA | comp=E,92nm,17.2s,MS4.3 | LR | LR | | |
| GTA | comp-Z,150nm,19.9s,MS4.3 | LR | LR | | |
| SHL | Shillong 81.89 298 | ePKP | P | 02 46 59.5 +0.7 | |
| TRF | Thorofare Moun 82.62 18 | ePKP | P | 02 47 01.8 0.0 | |
| MCK | comp-Z,4.3nm,0.8s,mb4.5 | eP | P | 02 47 05.2 +0.2 | |
| MCK | McKinley 83.74 18 | eP | pmax | | |
| MCK | comp-Z,3.0nm,0.6s,mb4.5 | P | P | 02 47 05.2 +0.2 | |
| MCK | McKinley 83.74 18 | eP | P | 02 47 05.2 +0.2 | |
| MAW | comp-Z,3.0nm,0.6s,mb4.5 | i-PP | P | 02 47 06.7 -0.7 | |
| MAW | Mawson 83.70 202 | i-PP | P | 02 47 06.7 -0.7 | |
| MAW | comp-Z,11nm,0.9s,mb5.0 | P | P | | |
| MAW | Mawson 83.70 202 | P | P | 02 47 06.8 -0.7 | |
| MAW | comp-Z,14nm,0.8s,mb5.1,baZ=105,slow=7.0,SNR=29 | LR | LR | 03 17 32.4 | |
| MAW | comp-Z,72nm,18.9s,MS4.1,baZ=318,slow=31 | LR | LR | 03 17 32.4 | |
| MAW | Mawson 83.70 202 | eP | P | 02 47 06.5 -0.9 | |
| MAW | comp-Z,3.0nm,0.9s | pmax | pmax | | |
| MAW | Mawson 83.70 202 | eP | P | 02 47 06.5 -0.9 | |
| MAW | comp-Z,3.3nm,0.9s,mb4.5 | P | P | | |
| TLY | Talaya 83.74 326 | eP | P | 02 47 07.8 0.0 | |
| TLY | | eP | pmax | | |
| TLY | comp-Z,13nm,0.8s,mb5.1 | P | P | 02 47 07.8 0.0 | |
| TLY | Talaya 83.74 326 | eP | P | 02 47 07.8 0.0 | |
| LSA | Lhasa 83.78 302 | P | P | 02 47 09.8 +1.3 | |
| LSA | Lhasa 83.78 302 | eP | P | 02 47 09.7 +1.2 | |
| LSA | | eP | pmax | | |
| LSA | comp-Z,18nm,0.6s,mb5.4 | P | P | 02 47 09.7 +1.2 | |
| LSA | comp-Z,18nm,0.6s,mb5.4 | P | P | | |
| YBH | Yreka Blue Hor 84.33 45 | eP | P | 02 47 13.1 +2.0 | |
| YBH | | eP | pmax | | |
| YBH | comp-Z,7.0nm,0.8s | P | P | | |
| YBH | Yreka Blue Hor 84.33 45 | eP | P | 02 47 13.1 +2.0 | |
| YBH | comp-Z,6.5nm,0.8s,mb4.8 | P | P | | |
| COLA | College 84.39 18 | eP | pP | 02 47 10.9 +0.1 | |
| COLA | | ePP | pP | 02 47 22.6 -3.2 | |
| COLA | | eP | pmax | | |
| COLA | comp-Z,5.0nm,0.8s,mb4.7 | P | P | 02 47 10.9 +0.1 | |
| COLA | College 84.39 18 | eP | P | 02 47 10.9 +0.1 | |
| COLA | comp-Z,5.2nm,0.8s,mb4.7 | P | P | | |
| COLA | | eP | pP | 02 47 22.6 -3.3 | |
| HUMO | Hull Mountain 84.49 44 | eP | P | 02 47 12.9 +1.1 | |
| CMB | Columbia Colle 84.66 49 | eP | P | 02 47 12.3 -0.5 | |
| CMB | | eP | pmax | | |
| CMB | comp-Z,6.0nm,0.8s,mb4.8 | P | P | | |
| CMB | Columbia Colle 84.66 49 | eP | P | 02 47 12.3 -0.5 | |
| BBB | Bella Bella 85.31 34 | LR | LR | 03 19 51.9 | |
| ISA | comp-Z,178nm,18.7s,MS4.5,baZ=34,slow=32 | P | P | 02 47 15.6 -0.6 | |
| ISA | Isabella 85.32 52 | i-PP | P | 02 47 15.6 -0.6 | |
| ISA | baZ=86 | | | | |
| ISA | Isabella 85.32 52 | eP | P | 02 47 17.7 +1.5 | |

| | | | | | |
|-------|---|------|------|-----------------|--|
| EDW2 | Edwards Air Fo 85.44 53 | i-PP | P | 02 47 16.9 +0.1 | |
| BFS | Mount Baldy Ra 85.50 54 | i-PP | P | 02 47 16.3 -0.8 | |
| WAKR | Walker 85.53 49 | eP | P | 02 47 18.2 +1.1 | |
| G04A | Mulino 85.80 42 | eP | P | 02 47 18.1 -0.2 | |
| MTUM | Tungsten Hills 85.80 50 | eP | P | 02 47 20.0 +1.5 | |
| LRMC | Laurel Mountai 85.87 52 | i-PP | P | 02 47 18.4 -0.5 | |
| CWC | Cottonwood Cre 85.87 51 | i-PP | P | 02 47 18.9 0.0 | |
| K05A | Summer Lake 85.95 45 | i-PP | P | 02 47 19.3 +0.2 | |
| TAPN | Taplejung 85.98 299 | eP | P | 02 47 18.9 -0.8 | |
| MOD | Modoc 86.07 46 | eP | P | 02 47 21.3 +1.5 | |
| MONP | Monument Peak 86.08 45 | i-PP | P | 02 47 20.1 +0.1 | |
| ODAN | Odare 86.12 298 | eP | P | 02 47 19.6 -0.8 | |
| MPFC | Manual Prospec 86.20 52 | i-PP | P | 02 47 20.6 0.0 | |
| PFM | Pinyon Flat Ob 86.26 55 | i-PP | P | 02 47 20.5 -0.4 | |
| NVAR | Mina Array Bea 86.34 50 | P | P | 02 47 21.4 +0.2 | |
| EGAK | Eggleston 86.44 20 | eP | P | 02 47 19.8 -1.2 | |
| GRAC | Grapevine Rang 86.59 51 | i-PP | P | 02 47 22.1 -0.4 | |
| BELC | Belle Mtn. Jos 86.74 54 | i-PP | P | 02 47 23.6 +0.3 | |
| FURC | Furnace Creek, 86.81 52 | i-PP | P | 02 47 23.3 -0.2 | |
| RAMN | Ramite 86.82 298 | eP | P | 02 47 23.1 -0.7 | |
| BC3 | Big Chuckawall 87.08 55 | i-PP | P | 02 47 24.6 -0.3 | |
| U10A | Ash Meadows, A 87.21 52 | i-PP | P | 02 47 25.5 +0.1 | |
| GMRC | Granite Mounta 87.24 54 | i-PP | P | 02 47 25.7 0.0 | |
| DLBC | Dease Lake 87.29 28 | LR | LR | 03 20 00.5 | |
| JIRN | comp-Z,80nm,20.0s,MS4.1,baZ=274,slow=31 | P | P | 02 47 25.2 -1.2 | |
| GLA | Glamis 87.40 56 | i-PP | P | 02 47 26.5 +0.1 | |
| WVOR | Wild Horse Val 87.41 46 | eP | pmax | 02 47 27.5 +1.2 | |
| WVOR | comp-Z,3.0nm,0.8s,mb4.6 | pmax | pmax | | |
| WVOR | Wild Horse Val 87.41 46 | eP | P | 02 47 27.5 +1.2 | |
| S10A | Tonopah Rang 87.46 50 | i-PP | P | 02 47 26.4 -0.2 | |
| IRM | Iron Mountain 87.46 54 | i-PP | P | 02 47 26.5 -0.3 | |
| GUN | Gumba 87.70 299 | eP | P | 02 47 27.2 -0.8 | |
| V11A | Goodsprings 87.73 53 | i-PP | P | 02 47 27.6 -0.4 | |
| LDFC | Landfair 87.76 54 | eP | P | 02 47 29.4 +1.3 | |
| J08A | Circle Bar Ran 87.83 45 | i-PP | P | 02 47 28.2 -0.1 | |
| PKI | Pulchoki 88.01 299 | eP | P | 02 47 28.5 -1.0 | |
| PKI | comp-Z,78nm,0.6s,mb6.1 | P | P | | |
| PKI | Pulchoki 88.01 299 | eP | P | 02 47 28.8 -0.7 | |
| PKIN | comp-Z,71nm,0.7s,mb6.0 | eP | P | 02 47 28.8 -0.8 | |
| PKIN | Phuochi 88.02 299 | eP | P | 02 47 28.8 -0.8 | |
| H08A | Prairie City 88.08 44 | i-PP | P | 02 47 29.1 -0.3 | |
| G08A | Pilot Rock 88.15 43 | i-PP | P | 02 47 30.1 +0.4 | |
| V12A | Nelson 88.15 53 | i-PP | P | 02 47 30.0 0.0 | |
| KKN | Kakani 88.18 299 | eP | P | 02 47 29.1 -1.2 | |
| DMN | Daman 88.28 299 | eP | P | 02 47 30.0 -0.8 | |
| T11A | Corn Creek, AI 88.30 51 | i-PP | P | 02 47 30.2 -0.5 | |
| PDMCI | Parker Dam,Lak 88.30 54 | i-PP | P | 02 47 30.3 -0.4 | |
| R11A | Troy Canyon, C 88.35 50 | i-PP | P | 02 47 31.2 +0.3 | |
| Z13A | Yuma Proving G 88.39 56 | i-PP | P | 02 47 30.7 -0.4 | |
| Y13A | Salome 88.42 55 | i-PP | P | 02 47 31.3 0.0 | |
| Q11A | Duckwater 88.44 50 | i-PP | P | 02 47 31.6 +0.3 | |
| X13A | Yucca 88.63 54 | i-PP | P | 02 47 32.6 +0.3 | |
| W13A | Hualapai Mount 88.73 54 | i-PP | P | 02 47 32.7 0.0 | |
| 214A | Organ Pipe Nat 88.74 57 | i-PP | P | 02 47 32.8 0.0 | |
| K10A | MacKenzie Ranc 88.76 46 | i-PP | P | 02 47 32.7 +0.1 | |
| GKN | Gorkha 88.78 299 | eP | P | 02 47 31.6 -1.5 | |
| O11A | Cowboy Ranch, 88.82 49 | i-PP | P | 02 47 33.2 +0.1 | |
| L10A | Juniper Basin 88.82 47 | i-PP | P | 02 47 33.0 0.0 | |
| U13A | Pakoon Wash 89.03 52 | i-PP | P | 02 47 33.9 -0.2 | |
| R12A | Pony Springs, 89.08 51 | i-PP | P | 02 47 33.7 -0.6 | |
| M11A | Holland Ranch, 89.11 47 | i-PP | P | 02 47 34.1 -0.2 | |
| T13A | Saint George 89.24 52 | i-PP | P | 02 47 34.6 -0.5 | |
| K11A | Parker Ranch, 89.34 46 | i-PP | P | 02 47 35.0 -0.4 | |
| X14A | Yava 89.34 55 | i-PP | P | 02 47 35.1 -0.6 | |
| L11A | Cat Creek Ranch 89.36 47 | i-PP | P | 02 47 34.7 -0.8 | |
| G10A | Bishop Farm, J 89.38 43 | i-PP | P | 02 47 35.0 -0.5 | |
| W14A | Selgman 89.39 54 | i-PP | P | 02 47 35.2 -0.7 | |
| H10A | Noah's Angus R 89.41 44 | i-PP | P | 02 47 35.4 -0.3 | |
| S13A | Holt Ranch, En 89.43 51 | i-PP | P | 02 47 35.4 -0.6 | |
| N12A | Clover Valley, 89.48 48 | i-PP | P | 02 47 36.0 -0.1 | |
| N12A | Clover Valley, 89.48 48 | eP | P | 02 47 36.1 0.0 | |
| V14A | Boquillas Ranc 89.49 53 | i-PP | P | 02 47 35.6 -0.7 | |
| R13A | O'Grain Ranch, 89.52 51 | i-PP | P | 02 47 35.8 -0.6 | |
| O12A | Curie 89.53 49 | i-PP | P | 02 47 35.7 -0.6 | |
| K0LN | Koldanda 89.61 298 | eP | P | 02 47 35.2 -1.8 | |
| U14A | comp-Z,53nm,0.7s,mb6.0 | P | P | 02 47 36.2 -0.8 | |
| U14A | Mt Trumbull 89.64 53 | i-PP | P | 02 47 36.2 -0.8 | |
| MFID | Camas Ranch 89.68 45 | i-PP | P | 02 47 36.4 -0.6 | |

2008 JUL

Table with columns: PDAR, 9D, 3h, LR, LR, 03 21 12.2, etc. Lists various stations and their coordinates.

Table with columns: LMR, La Moure, 144.75 334.1, PKP1, PKPdf, 02 54 13.9 -1.8, etc. Lists various stations and their coordinates.

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

Table with columns: MOA, Mollin, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes entries for Mollin, Bratogost, Unac-Piva, etc.

ISCJB 09 06:34:44.6 0.6 43.55N 0.03:17.83E 0.04, h1km, 5km, Error ellipse: s-maj=5.0km s-min=3.6km az=140.3 PDG 09 06:34:45.2 0.2 43.47N 17.76E, h2km, ML2.8/10, Error ellipse: s-maj=0.7km s-min=1.1km az=0.0 BEO 09 06:34:46.5 0.3 43.61N 17.95E, h0km, ML2.8/4 CSEM 09 06:34:46.7 0.2 43.61N 17.98E, h2km, ML2.8/10, Error ellipse: s-maj=4.9km s-min=3.1km az=43.0 NEIC 09 06:34:47.1 1.1 43.37N 17.93E, h10km, ML2.8(PDG), Error ellipse: s-maj=15.2km s-min=9.6km az=45.0

ISC 09 06:34:45.0 0.5 43.55N 0.03:17.78E 0.03, h3km, 4km, n52, c1355/86, 14C-SD, Northwestern Balkan Peninsula

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Lists stations like Ston, Bratogost, Unac-Piva, Niksic, etc.

ISCJB 09 07:01:43.6 3.0, 10.27S 0.04:75.40W 0.06, h12km, 19km, s-min=9.9km az=164.9 Error ellipse: s-maj=10.1km IDC 09 07:01:43.2 0.6 10.30S 75.42W, h0km, mb4.4/10, mb1.4 5/13, mb1mx4.2/21, mbtmp4.3/13, ML4.0/1, MS3.4/7, MS1.3 4/7, ms1mx3.2/23, Error ellipse: s-maj=17.2km s-min=12.3km az=101.0 NEIC 09 07:01:45.6 2.1, 10.31S 75.37W, h15km, 13km, mb4.7/40, ML4.3(LIM), Error ellipse: s-maj=8.2km s-min=4.3km az=59.0 NEIC Felt [I] at Huancabamba, BUJ 09 07:01:46.6, 10.30S:75.40W, h15km, mB5.1/8, Ms5.0/8, Ms7.4/9.9

ISC 09 07:01:46.4 3.2, 10.34S 0.04:75.35W 0.06, h18km, 19km, n393, c0949/374, mb4.6/51, MS3.9/7, 142C-142D, Central Peru

Continuation of station list table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Lists stations like Nana, Atahualpa, La Paz, etc.

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Lists stations like ROSC, CFAA, CFPA, PCRV, CPUP, CPUP, SJG, LRAL, NATX, OXF, 628A, UALR, WVT, MIAR, 627A, TXAR, TXAR, 528A, 626A, 527A, 526A, 427A, 328A, 426A, SIUC, 326A, 425A, 227A, WMOY, FVM, 325A, 226A, 127A, GD12, 324A, MNXT, MNXT, 126A, ACOS, X27A, CPXA, 125A, MSTX, Y27A, 124A, Z25A, X27A, Z22A, Y25A, X26A, W27A, 320A, HDIL, Y24A, 220A, 221A, 319A, Z22A, X23A, W25A, 219A, V26A, 318A, 120A, Z21A, BNM, Y22A, Z20A, 218A, V25A, U26A, Y21A, LAZ, W23A, CBKS, U25A, 118A, Y20A, X21A, TUC

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Lists stations like V23A, 117A, 216A, T25A, Y19A, X20A, U23A, V22A, Y18A, X19A, S25A, 116A, W20A, U22A, T23A, 214A, Y17A, S24A, Z16A, X18A, V20A, SDCO, U21A, T22A, X17A, Y16A, 114A, X16A, S22A, U19A, Y15A, R22A, T19A, S21A, MVCO, Z13A, V17A, X15A, W16A, Y14A, U18A, WUAZ, WUAZ, P23A, S20A, R21A, X14A, Q22A, ECSD, ISCO, U17A, R20A, S19A, PV01, SMCO, Q21A, V15A, P22A, PDMCI, T17A, W14A, S18A, DVTC, R19A, V14A, BC3, T16A, W13A, U15A, S17A, IRM, R18A, Q19A, U14A, BELC, S16A, PFO, R17A, Q20A, Q18A, N21A, GMRC

| | | | | | | | |
|-----|------|-----------------|-----------|----|---|------------|------|
| 391 | T144 | Hurricane | 58.97 325 | ↑P | P | 07 11 44.7 | -0.1 |
| | R16A | Teasdale | 58.98 327 | ↑P | P | 07 11 45.1 | +0.2 |
| | S15A | Panguch | 59.01 326 | ↑P | P | 07 11 45.6 | +0.4 |
| | U13A | Pakoon Wash | 59.02 324 | ↑P | P | 07 11 45.4 | +0.2 |
| | V12A | Nelson | 59.06 323 | ↑P | P | 07 11 45.5 | 0.0 |
| | SRU | San Rafael | 59.09 329 | eP | P | 07 11 45.5 | -0.1 |
| | N20A | Spence Gulch | 59.29 331 | ↑P | P | 07 11 47.0 | 0.0 |
| | P18A | Preston Nutter | 59.34 329 | ↑P | P | 07 11 47.9 | +0.6 |
| | R15A | Junction | 59.35 327 | ↑P | P | 07 11 48.0 | +0.6 |
| | BBRC | Big Bear Solar | 59.35 320 | ↑P | P | 07 11 47.9 | +0.3 |
| | HEC | Hector Ludlow | 59.36 321 | ↑P | P | 07 11 47.7 | +0.1 |
| | U12A | Valley of Fire | 59.36 324 | ↑P | P | 07 11 47.8 | +0.2 |
| | T13A | Saint George | 59.41 325 | ↑P | P | 07 11 48.6 | +0.7 |
| | P17A | Butcher Ranch | 59.47 329 | ↑P | P | 07 11 48.4 | +0.1 |
| | V11A | Goodsprings | 59.48 323 | ↑P | P | 07 11 48.1 | -0.3 |
| | M21A | Separation Pea | 59.49 333 | ↑P | P | 07 11 48.7 | +0.4 |
| | MSU | Marysville | 59.52 327 | eP | P | 07 11 49.2 | +0.6 |
| | ARUT | Antelope Range | 59.69 326 | eP | P | 07 11 50.6 | +0.8 |
| | O18A | Roosevelt | 59.70 330 | ↑P | P | 07 11 50.0 | +0.2 |
| | M20A | Sweetwater, Wa | 59.77 332 | ↑P | P | 07 11 50.8 | +0.5 |
| | L12A | Rawlins | 59.77 333 | ↑P | P | 07 11 50.7 | +0.4 |
| | S13A | Holt Ranch, En | 59.77 325 | ↑P | P | 07 11 50.9 | +0.5 |
| | N19A | John Jarvie Ra | 59.78 331 | ↑P | P | 07 11 50.3 | 0.0 |
| | BFSC | Mount Baldy Ra | 59.80 320 | ↑P | P | 07 11 50.4 | -0.3 |
| | GSC | Goldstone | 59.96 321 | ↑P | P | 07 11 51.7 | 0.0 |
| | GSC | Goldstone | 59.96 321 | eP | P | 07 11 52.4 | +0.6 |
| | Q15A | Fillmore | 59.98 327 | ↑P | P | 07 11 52.2 | +0.4 |
| | O17A | Robinson Place | 60.01 329 | ↑P | P | 07 11 52.3 | +0.3 |
| | SHOC | Shoshone | 60.03 322 | ↑P | P | 07 11 52.7 | +0.5 |
| | P16A | Fountain Green | 60.05 328 | ↑P | P | 07 11 52.8 | +0.6 |
| | R13A | O'Grain Ranch | 60.26 325 | ↑P | P | 07 11 54.4 | +0.7 |
| | T11A | Corn Creek, Al | 60.31 324 | ↑P | P | 07 11 54.0 | -0.1 |
| | P15A | Leamington | 60.34 328 | ↑P | P | 07 11 54.6 | +0.3 |
| | O16A | Springville | 60.41 329 | ↑P | P | 07 11 55.3 | +0.6 |
| | U10A | Ash Meadows, A | 60.41 323 | ↑P | P | 07 11 55.0 | +0.2 |
| | EDW2 | Edwards Air Fo | 60.42 320 | ↑P | P | 07 11 54.6 | -0.3 |
| | DAU | Daniels Canyon | 60.44 329 | eP | P | 07 11 55.0 | +0.1 |
| | Q14A | Sevier Lake (B | 60.45 327 | ↑P | P | 07 11 55.4 | +0.4 |
| | LRMC | Laurel Mountain | 60.62 321 | ↑P | P | 07 11 56.4 | +0.1 |
| | N17A | Moffit Pass | 60.62 330 | ↑P | P | 07 11 57.3 | +1.2 |
| | JLU | Jordanella | 60.68 329 | eP | P | 07 11 56.9 | +0.4 |
| | R12A | Pony Springs | 60.72 325 | ↑P | P | 07 11 57.1 | +0.3 |
| | FURC | Furnace Creek | 60.76 322 | ↑P | P | 07 11 57.2 | 0.0 |
| | P14A | Drum Mountains | 60.77 327 | ↑P | P | 07 11 57.7 | +0.5 |
| | Q13A | Farson | 60.80 332 | ↑P | P | 07 11 57.3 | +0.1 |
| | L19A | Wheeler Ranch | 60.83 326 | ↑P | P | 07 11 57.7 | +0.1 |
| | MPMC | Manual Prospec | 60.88 322 | ↑P | P | 07 11 57.6 | -0.4 |
| | N16A | Rees Ranch, Co | 60.88 329 | ↑P | P | 07 11 58.4 | +0.5 |
| | S11A | Rachel | 60.90 324 | ↑P | P | 07 11 58.1 | 0.0 |
| | M17A | Scullys Gap (B | 60.94 330 | ↑P | P | 07 11 58.8 | +0.5 |
| | O15A | The Old Anders | 60.96 328 | ↑P | P | 07 11 59.0 | +0.6 |
| | DUG | Dugway | 61.08 328 | ↑P | P | 07 11 59.4 | +0.2 |
| | DUG | Dugway | 61.08 328 | eP | P | 07 11 59.1 | -0.2 |
| | AGMN | Agassiz Nation | 61.14 345 | eP | P | 07 11 58.6 | -0.9 |
| | P13A | Bates Ranch, G | 61.19 326 | ↑P | P | 07 12 00.9 | +0.2 |
| | R11A | Troy Canyon, C | 61.29 325 | ↑P | P | 07 12 00.3 | +0.3 |
| | Q12A | Willow Creek R | 61.34 326 | ↑P | P | 07 12 01.4 | +0.4 |
| | BW06 | Boulder Array | 61.41 332 | ↑P | P | 07 12 01.6 | +0.2 |
| | BW08 | Boulder Array | 61.41 332 | eP | P | 07 12 01.3 | -0.1 |
| | P13A | Bates Ranch, G | 61.41 332 | eP | P | 07 12 00.8 | -0.7 |
| | N15A | Stansbury Isla | 61.44 329 | ↑P | P | 07 12 01.5 | -0.2 |
| | HWUT | Hardware Ranch | 61.48 330 | eP | P | 07 12 01.8 | -0.2 |
| | L17A | Colkeville | 61.52 331 | ↑P | P | 07 12 01.9 | -0.3 |
| | K18A | Toltan Ranch | 61.53 331 | ↑P | P | 07 12 02.1 | -0.2 |
| | S10A | Tonopah Range | 61.58 324 | ↑P | P | 07 12 02.8 | +0.1 |
| | PKM | Peak Mountain | 61.60 319 | ↑P | P | 07 12 03.4 | +0.4 |
| | O13A | Hicks Ranch, I | 61.65 327 | ↑P | P | 07 12 03.8 | +0.6 |
| | R10A | Warm Springs | 61.66 324 | ↑P | P | 07 12 03.8 | +0.6 |
| | Q11A | Duckwater | 61.67 325 | ↑P | P | 07 12 03.6 | +0.3 |
| | P12A | McGill | 61.69 326 | ↑P | P | 07 12 03.6 | +0.2 |
| | SPUT | South Promonto | 61.71 329 | eP | P | 07 12 04.2 | +0.8 |
| | N14A | Grayback Hills | 61.75 328 | ↑P | P | 07 12 03.4 | -0.4 |
| | M15A | Larsen Ranch | 61.82 329 | ↑P | P | 07 12 03.8 | -0.5 |
| | J18A | Kendall Valley | 61.97 332 | ↑P | P | 07 12 04.5 | -0.7 |
| | K17A | Gardner Place | 62.03 331 | ↑P | P | 07 12 05.3 | -0.4 |
| | Q10A | Clear Creek Ra | 62.08 325 | ↑P | P | 07 12 06.2 | +0.2 |
| | O12A | Currie | 62.16 327 | ↑P | P | 07 12 06.2 | -0.4 |
| | L15A | Malad City | 62.19 329 | ↑P | P | 07 12 06.6 | -0.1 |
| | HVU | Hanse Valley | 62.22 329 | eP | P | 07 12 07.4 | +0.5 |
| | I18A | Diamond G Ranc | 62.25 332 | ↑P | P | 07 12 07.2 | +0.1 |
| | M14A | Sheep Mountain | 62.31 329 | ↑P | P | 07 12 07.0 | -0.5 |
| | MTUM | Tungsten Hills | 62.37 322 | eP | P | 07 12 08.8 | +0.7 |
| | J17A | Brown Place, J | 62.40 332 | ↑P | P | 07 12 08.5 | +0.4 |
| | K16A | Soda Springs | 62.42 331 | ↑P | P | 07 12 08.8 | +0.6 |
| | REDW | Red Top Meadow | 62.47 331 | eP | P | 07 12 09.1 | +0.5 |
| | O11A | Cowboy Ranch | 62.56 326 | ↑P | P | 07 12 09.2 | -0.1 |
| | M13A | Montello | 62.63 328 | ↑P | P | 07 12 09.7 | 0.0 |

| | | | | | | |
|------|----------------|-----------|----|---|------------|------|
| M13A | Montello | 62.63 328 | eP | P | 07 12 08.9 | -0.8 |
| L14A | Malta | 62.64 329 | ↑P | P | 07 12 09.1 | -0.7 |
| RR12 | Red Ridge | 62.68 331 | eP | P | 07 12 10.0 | 0.0 |
| J16A | Bone | 62.76 331 | ↑P | P | 07 12 10.2 | -0.3 |
| K15A | Arbon | 62.77 330 | ↑P | P | 07 12 10.1 | -0.4 |
| IMW | Indian Meadow | 62.92 332 | eP | P | 07 12 12.0 | +0.4 |
| NVAR | Mina Aray Bea | 62.92 332 | eP | P | 07 12 12.0 | +0.4 |
| NVAR | Mina Aray Bea | 62.92 332 | P | P | 07 12 12.0 | +0.3 |
| ULM | Lac du Bonnet | 62.94 345 | eP | P | 07 12 10.4 | -1.1 |
| K14A | Jones Ranch, D | 62.98 325 | ↑P | P | 07 12 11.9 | -0.1 |
| L13A | Double Diamond | 63.04 329 | ↑P | P | 07 12 12.0 | -0.4 |
| M12A | Wells | 63.06 327 | ↑P | P | 07 12 12.5 | -0.1 |
| RLMT | Red Lodge | 63.12 334 | eP | P | 07 12 12.3 | -0.5 |
| I16A | Newdale | 63.16 331 | ↑P | P | 07 12 13.4 | +0.3 |
| J15A | Blackfoot | 63.25 331 | ↑P | P | 07 12 13.5 | -0.3 |
| G18A | Laz EL Ranch | 63.40 334 | ↑P | P | 07 12 14.6 | -0.2 |
| M11A | Holland Ranch | 63.54 327 | ↑P | P | 07 12 16.0 | +0.2 |
| L12A | House Creek Ra | 63.64 328 | ↑P | P | 07 12 16.1 | -0.3 |
| WAKR | Walker | 63.64 322 | eP | P | 07 12 17.5 | +1.0 |
| H16A | Russell Place | 63.68 332 | ↑P | P | 07 12 16.5 | -0.1 |
| J14A | Carey | 63.73 330 | ↑P | P | 07 12 16.8 | 0.0 |
| DGMT | Dagmar | 63.87 339 | ↑P | P | 07 12 18.1 | +0.4 |
| DGMT | Dagmar | 63.87 339 | eP | P | 07 12 17.7 | 0.0 |
| CMB | Columbia Colle | 63.92 322 | ↑P | P | 07 12 17.9 | -0.4 |
| K12A | Holler Farm, C | 63.93 328 | ↑P | P | 07 12 17.9 | -0.4 |
| F18A | Big Timber | 63.93 334 | ↑P | P | 07 12 17.8 | -0.4 |
| L11A | Cat Creek Ranc | 64.04 328 | ↑P | P | 07 12 18.9 | -0.1 |
| J13A | Cove Ranch, Pi | 64.11 329 | ↑P | P | 07 12 19.3 | -0.1 |
| I14A | Mackay | 64.14 330 | ↑P | P | 07 12 19.9 | +0.3 |
| H15A | Lima | 64.26 331 | ↑P | P | 07 12 20.6 | +0.2 |
| G16A | Moss Hill, Enn | 64.33 332 | ↑P | P | 07 12 20.9 | 0.0 |
| F17A | Fitzpatrick Pi | 64.34 333 | ↑P | P | 07 12 20.8 | 0.0 |
| HLID | Hailey | 64.35 329 | ↑P | P | 07 12 20.7 | -0.3 |
| HLID | Hailey | 64.35 329 | eP | P | 07 12 21.4 | +0.5 |
| WCN | Washoe City | 64.35 323 | ↑P | P | 07 12 21.0 | -0.1 |
| L10A | Juniper Basin | 64.36 327 | ↑P | P | 07 12 20.9 | -0.2 |
| PAHR | Pah Rah Ranch | 64.39 324 | eP | P | 07 12 22.7 | +1.3 |
| I13A | Wildhorse Cree | 64.46 330 | ↑P | P | 07 12 21.4 | -0.3 |
| E18A | Harlowton | 64.53 334 | ↑P | P | 07 12 21.7 | -0.4 |
| BOZ | Bozeman (W) | 64.58 333 | ↑P | P | 07 12 21.6 | -0.8 |
| BOZ | Bozeman (W) | 64.58 333 | eP | P | 07 12 22.2 | -0.2 |
| G15A | Dillon | 64.60 332 | ↑P | P | 07 12 22.6 | 0.0 |
| H14A | Leadore | 64.61 331 | ↑P | P | 07 12 22.4 | -0.3 |
| K11A | Parker Ranch | 64.61 328 | ↑P | P | 07 12 22.2 | -0.5 |
| DLMT | Dillon | 64.80 332 | eP | P | 07 12 24.5 | +0.6 |
| E17A | Martinsdale | 64.86 334 | ↑P | P | 07 12 23.6 | -0.7 |
| I12A | Atlanta | 64.88 329 | ↑P | P | 07 12 24.4 | 0.0 |
| MFID | Camas Ranch | 64.96 322 | ↑P | P | 07 12 24.8 | -0.1 |
| D18A | Linhart Farms | 64.98 335 | ↑P | P | 07 12 24.6 | -0.4 |
| H13A | Challin | 65.00 330 | ↑P | P | 07 12 24.6 | -0.6 |
| K10A | MacKenzie Ranc | 65.06 327 | ↑P | P | 07 12 25.2 | -0.4 |
| E16A | East Helena | 65.28 333 | ↑P | P | 07 12 27.0 | +0.1 |
| H12A | Diamond D Ranc | 65.28 330 | ↑P | P | 07 12 26.3 | -0.7 |
| D17A | Six Diamond Ra | 65.32 334 | ↑P | P | 07 12 26.6 | -0.7 |
| G13A | Cobalt | 65.38 331 | ↑P | P | 07 12 27.9 | +0.3 |
| I11A | Placerville | 65.38 329 | ↑P | P | 07 12 27.2 | -0.4 |
| OHCM | Honcut | 65.40 322 | eP | P | 07 12 27.0 | -1.0 |
| F14A | Wisdom | 65.50 332 | ↑P | P | 07 12 28.8 | +0.3 |
| D16A | Dana Ranch, Ca | 65.60 334 | ↑P | P | 07 12 28.5 | -0.6 |
| EGMT | Eagleton | 65.62 335 | ↑P | P | 07 12 28.4 | -0.7 |
| EGMT | Eagleton | 65.62 335 | eP | P | 07 12 28.6 | -0.6 |
| C17A | Wharum Farm | 65.73 335 | ↑P | P | 07 12 29.7 | -0.2 |
| WVOR | Wild Horse Val | 65.77 326 | eP | P | 07 12 29.9 | -0.4 |
| B18A | Beardby Farm | 65.92 336 | ↑P | P | 07 12 30.6 | -0.5 |
| F13A | Darby | 65.93 331 | ↑P | P | 07 12 31.0 | -0.2 |
| H11A | Donnelly | 65.97 329 | ↑P | P | 07 12 31.3 | -0.2 |
| E14A | Clinton | 66.01 332 | ↑P | P | 07 12 31.7 | 0.0 |
| H10A | Noah's Angus R | 66.26 329 | ↑P | P | 07 12 33.2 | -0.1 |
| C16A | Fuhringer Ranc | 66.28 334 | ↑P | P | 07 12 34.0 | +0.5 |
| J08A | Circle Bar Ran | 66.31 327 | ↑P | P | 07 12 33.7 | 0.0 |
| E13A | Victor | 66.35 332 | ↑P | P | 07 12 33.5 | -0.4 |
| MOD | Modoc | 66.35 325 | eP | P | 07 12 33.2 | -0.8 |
| F12A | Clifty | 66.35 331 | ↑P | P | 07 12 34.0 | +0.1 |
| A18A | Metzger Ranch | 66.36 336 | ↑P | P | 07 12 33.7 | -0.3 |
| G11A | Walters Elk Ra | 66.59 330 | ↑P | P | 07 12 35.1 | -0.4 |
| C15A | Salmوند Ranch | 66.63 334 | ↑P | P | 07 12 35.6 | -0.1 |
| F11A | Grangeville | 66.88 330 | ↑P | P | 07 12 36.8 | -0.5 |
| G10A | Bishop Farm, J | 66.94 329 | ↑P | P | 07 12 37.8 | +0.1 |
| D13A | Huson | 66.95 332 | ↑P | P | 07 12 37.8 | 0.0 |
| E12A | Beaver Dam Sad | 66.98 331 | ↑P | P | 07 12 37.8 | -0.1 |
| B15A | Bradley Ranch | 67.02 334 | ↑P | P | 07 12 38.2 | 0.0 |
| C14A | Sw Lake | 67.13 333 | ↑P | P | 07 12 38.6 | -0.3 |
| H08A | Prairie City | 67.20 328 | ↑P | P | 07 12 39.5 | +0.1 |
| K05A | Summer Lake | 67.22 325 | ↑P | P | 07 12 39.7 | +0.2 |
| G09A | Cove | 67.26 329 | ↑P | P | 07 12 39.7 | -0.1 |
| D12A | Red Ives Fores | 67. | | | | |

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MK31, MKAR, MKAR, MKAR, BVAR, BVAR.

DDA 09 07:24:41.7, 40:70:29N, 30:84E, h16km, 1km, MD3.3
ISK 09 07:24:41.7, 40:82N, 30:88E, h6km, ML3.4
ISCJB 09 07:24:42.5, 0.4, 40:80N, 0:03, 30:86E, 0.03, h7km, 3km,

Main table listing stations and their coordinates. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like HENT, MDU, SPNC, GULT, etc.

ISK 09 07:38:51.6, 38:95N, 26:80E, h10km, MD2.8
CSEM 09 07:38:52.9, 0.2, 38:90N, 26:83E, h17km, 2km, ML2.9/2,
Error ellipse: s-maj=2.4km s-min=0.7km az=15.0

Table listing stations in the Aegean Sea region. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BLCB, PRK, IZM, etc.

Table listing stations in the Balkans region. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BALLY, BALB, BALB, etc.

CASC 09 07:48:53.2, 1.6, 8:41N, 83:00W, h2km, MD3.6, 1D, Costa Rica
Code Station Name Az Az2 Phase ID Time Res

ISCJB 09 07:55:31.7, 0.6, 31:74N, 0:04, 104:48E, 0:08, h10km,
mb3.5/5, Error ellipse: s-maj=10.1km s-min=5.9km
az=17.0

Table listing stations in the Cascades region. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BRUZ, BAR1, etc.

ISCJB 09 07:55:33.0, 0.6, 31:74N, 0:04, 104:42E, 0:08, h10km, n12,
o576/16, mb3.5/5, Sichuan
Code Station Name Az Az2 Phase ID Time Res

JMA 09 07:59:37.5, 0.4, 27:62N, 140:64E, h167km, M3.6, Bonin Islands region
Code Station Name Az Az2 Phase ID Time Res

ISC 09 08:01:32.3, 1.7, 19:71S, 70:87W, h0km, mb4.0/1
mb1.4/0.4, mb1mx3.7/18, mbmtpp3.9/4, ML4.0/3, MS2.9/3,
Ms1.2/9.3, ms1mx2.6/26, Error ellipse: s-maj=50.1km

Table listing stations in the GUC region. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CBJ, JHH, etc.

Table listing stations in the LPAZ region. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like LPAZ, LCO, NNA, etc.

IDC 09 08:06:41.5, 1.0, 31:20N, 103:79E, h0km, mb3.8/7,
mb1.4/0.8, mb1mx3.7/24, mbmtpp3.8/8, ML3.9/1, MS3.1/1,
Ms1.3/1.1, ms1mx2.2/37, Error ellipse: s-maj=41.9km
s-min=17.9km az=56.0

Table listing stations in the CD2 region. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CD2, LZH, etc.

ISC 09 08:06:42.8, 0.8, 31:26N, 103:103E, 0:05, h6km, 5km,
n15, o107/23, mb3.8/8, Sichuan
Code Station Name Az Az2 Phase ID Time Res

ISC 09 08:06:42.6, 0.3, 20:17S, 70:47W, h0km, mb1.3/6/3,
mb1mx3.4/17, mbmtpp3.4/3, ML3.7/3, Error ellipse:
s-maj=55.9km s-min=28.7km az=108.0, Near coast of northern Chile

Table listing stations in the ENH region. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ENH, XAN, etc.

ISC 09 08:06:42.6, 0.3, 20:17S, 70:47W, h0km, mb1.3/6/3,
mb1mx3.4/17, mbmtpp3.4/3, ML3.7/3, Error ellipse:
s-maj=55.9km s-min=28.7km az=108.0, Near coast of northern Chile

Table listing stations in the LPAZ region. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like LPAZ, LPAZ, etc.

GUC 09 08:21:57.7, 0.5, 19:59S, 70:80W, h33km, 4km, ML3.7, 3D,
Near coast of northern Chile
Code Station Name Az Az2 Phase ID Time Res

NOU 09 08:24:11.4, 1.3, 20:21S, 168:45E, h10km, MD2.9, ML4.6,
MS3.4
LDG 09 08:24:12.7, 0.2, 20:67S, 168:55E, h10km, Mb5.9/4,
Ms4.8/10, Error ellipse: s-maj=17.9km s-min=4.0km
az=35.0

ISCJB 09 08:24:15.8, 0.1, 20:93S, 168:67E, 0:02, h42km,
mb5.5/120, MS4.9/220, Error ellipse: s-maj=4.1km
s-min=2.2km az=151.4

ISC 09 08:24:18.5, 0.1, 20:97S, 168:65E, h12km, MW5.4,
Moment Tensor Solution, s85,c141, s27,c27; Moment
tensor: Scale 10^17Nm; Mr=1.29e-02; Mo=0.04e-02;
Mbb=1.26e-02; Mbc=0.32e-02; Mbb-0.91e-02; Mbr=0.12e-05;
Best double couple: Mo1.600000/1017 NP1.0e350.000000/
847.000000, lambda=63.000000. NP2.0e134.000000/849.000000/

Table with columns for call sign, frequency, power, and other technical details. Includes stations like Yuzh-Sakhalins, Severo-Kuril's, Vladivostok, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like MAW, UNV, BJT, BJI, CHRT, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like BSC, SBC, PKM, SMMC, etc.

Table with columns: Station, Frequency, Mode, and other technical details. Includes stations like WTSR, AGG, THL, PLE, PVL, etc.

Table with columns: Station, Frequency, Mode, and other technical details. Includes stations like GIVF, HTR, DDU, FOU, FETA, etc.

Table with columns: Station, Frequency, Mode, and other technical details. Includes stations like PAB, PCBR, PEAR, LVS, EVO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like PYLOS, Ithomi, Vlachokerasia, Kithira, etc.

Table with columns: CHOS, Chios island, Polygyros, Florina, etc. Lists stations and their frequencies.

Table with columns: BURAR, Bucovina Array, Kasperke Hory, etc. Lists stations and their frequencies.

| | | | | | |
|-------|---|-----------|------|------|-----------------|
| CN2 | comp=Z,310nm,15.7s | 40.14 358 | eP | P | 09 20 37.3 +4.3 |
| CN2 | comp=Z,10.0nm,0.5s,mb4.8 | 4.7 | eP | Pmax | 09 26 42.2 +7.2 |
| CN2 | comp=N,300nm,13.0s | LR | LR | LR | |
| CN2 | comp=E,400nm,13.0s | LR | LR | LR | |
| CN2 | comp=Z,500nm,15.0s | LR | LR | LR | |
| SHL | Shilong | 40.28 306 | ePKP | P | 09 20 32.5 -2.0 |
| MDJ | Mudanjiang | 40.99 3 | eP | P | 09 20 42.2 +2.2 |
| MDJ | | 40.28 311 | eP | P | 09 20 53.3 -2.5 |
| MDJ | | 42.84 311 | eP | P | 09 20 58.3 -4.9 |
| MDJ | | 42.84 311 | eP | P | 09 26 53.5 +5.9 |
| MDJ | comp=Z,11nm,0.9s,mb4.5 | | | Pmax | |
| MDJ | comp=Z,96nm,7.2s | | | LR | LR |
| MDJ | comp=N,150nm,25.6s | | | LR | LR |
| MDJ | comp=E,140nm,27.8s | | | LR | LR |
| MDJ | comp=Z,140nm,22.7s | | | LR | LR |
| MDJ | Mudanjiang | 40.99 3 | eP | P | 09 20 43.1 +3.1 |
| MDJ | comp=Z,16nm,0.8s,mb4.7 | | | P | |
| ARMA | Armidale | 41.10 147 | eP | P | 09 20 42.0 +0.9 |
| ARMA | Armidale | 41.10 147 | eP | P | 09 20 42.0 +1.0 |
| ASAJ | Asahikawa | 42.69 17 | eP | P | 09 20 54.3 +0.4 |
| ASAJ | comp=Z,2.1nm,0.4s,mb4.2,baz=233,slow=13,SNR=5.2 | | | LR | LR |
| LSA | Lhasa | 42.84 311 | eP | P | 09 20 54.8 -0.5 |
| LSA | Lhasa | 42.84 311 | eP | P | 09 20 55.2 -0.1 |
| LSA | comp=Z,18nm,0.6s,mb5.0 | | | Pmax | |
| LSA | Lhasa | 42.84 311 | eP | P | 09 20 55.1 -0.2 |
| GTA | Gaotai | 43.46 329 | eP | P | 09 21 59.4 -0.8 |
| GTA | | 43.46 329 | eP | P | 09 21 12.5 -3.6 |
| GTA | | 42.84 311 | eP | P | 09 21 17.9 -5.5 |
| GTA | | 42.84 311 | eP | P | 09 27 24.8 +0.7 |
| GTA | comp=Z,5.0nm,1.1s,mb4.2 | | | Pmax | Pmax |
| GTA | comp=Z,100nm,3.6s | | | LR | LR |
| GTA | comp=N,380nm,22.9s | | | LR | LR |
| GTA | comp=E,340nm,23.8s | | | LR | LR |
| GTA | comp=Z,410nm,20.5s | | | LR | LR |
| HABR | Khabarovsk | 45.31 7 | eP | P | 09 21 25.4 -5.4 |
| HABR | | 45.31 7 | eP | P | 09 28 13.2 -4.7 |
| HABR | comp=Z,148nm,16.0s | | | MLR | MLR |
| YSS | Yuzh-Sakhalins | 45.35 15 | eP | P | 09 21 20.0 +4.9 |
| YSS | Yuzh-Sakhalins | 45.35 15 | eP | P | 09 21 16.5 +1.4 |
| YSS | comp=Z,20nm,0.9s,mb4.9 | | | P | |
| KLR | Kul'dur | 45.72 4 | eP | P | 09 21 15.8 -2.2 |
| HIA | Hailar | 46.01 353 | eP | P | 09 21 23.2 +2.9 |
| HIA | | 46.01 353 | eP | P | |
| HIA | comp=Z,19nm,0.8s | | | Pmax | |
| HIA | Hailar | 46.01 353 | eP | P | 09 21 23.2 +2.9 |
| HIA | comp=Z,20nm,0.8s,mb5.1 | | | P | |
| ULN | Ulanbaatar | 47.43 342 | eP | P | 09 21 31.7 +0.3 |
| ULN | | 47.43 342 | eP | P | |
| ULN | comp=Z,29nm,0.9s,mb5.2 | | | Pmax | |
| ULN | Ulanbaatar | 47.43 342 | eP | P | 09 21 31.7 +0.3 |
| ULN | comp=Z,29nm,0.9s,mb5.2 | | | P | |
| SONM | Songino Array | 47.61 341 | eP | P | 09 21 32.2 -0.6 |
| SONM | comp=Z,3.8nm,0.6s,mb4.6,baz=157,slow=9.1,SNR=20 | | | PP | PP |
| SONM | comp=Z,3.9nm,0.8s,baz=169,slow=3.9,SNR=4.8 | | | PP | PP |
| SONM | | 47.61 341 | eP | P | 09 23 13.7 -1.1 |
| SONM | VRHR | | | LR | LR |
| SONM | comp=Z,198nm,21.1s,baz=153,slow=40 | | | P | |
| TLY | Talaya | 51.84 42 | eP | P | 09 22 05.5 +0.6 |
| TLY | | 51.84 42 | eP | P | |
| TLY | comp=Z,21nm,0.8s,mb5.1 | | | Pmax | Pmax |
| WMQ | Urumqi | 53.10 325 | eP | P | 09 22 15.4 +1.1 |
| WMQ | | 53.10 325 | eP | P | 09 22 28.0 -2.8 |
| WMQ | | 53.10 325 | eP | P | 09 22 33.3 -4.6 |
| WMQ | | 53.10 325 | eP | P | 09 23 23.6 +1.6 |
| WMQ | | 53.10 325 | eP | P | 09 24 17.0 +2.2 |
| WMQ | | 53.10 325 | eP | P | 09 29 40.2 +0.2 |
| WMQ | | 53.10 325 | eP | P | 09 31 57.7 -0.6 |
| WMQ | | 53.10 325 | eP | P | 09 33 18.9 -1.4 |
| WMQ | comp=Z,19nm,1.0s,mb5.0 | | | Pmax | Pmax |
| WMQ | comp=Z,160nm,5.6s | | | LR | LR |
| WMQ | comp=N,670nm,25.8s | | | LR | LR |
| WMQ | comp=E,510nm,28.0s | | | LR | LR |
| WMQ | comp=Z,280nm,26.8s | | | LR | LR |
| PEA0B | Petrovavlovsk | 55.49 22 | eP | P | 09 22 34.3 +2.7 |
| PETK | Petrovavlovsk | 55.49 22 | eP | P | 09 22 32.0 +0.4 |
| PETK | comp=Z,7.9nm,0.8s,mb4.8,baz=184,slow=5.6,SNR=13 | | | PP | PP |
| PET | Petrovavlovsk | 55.79 22 | eP | P | 09 22 43.9 -6.3 |
| PET | | 55.79 22 | eP | P | |
| PET | comp=Z,50nm,1.2s,mb5.4 | | | Pmax | |
| PET | Petrovavlovsk | 55.79 22 | eP | P | 09 22 42.7 -7.5 |
| MK31 | Makanchi Array | 57.93 325 | eP | P | 09 22 49.8 +0.8 |
| MK31 | | 57.93 325 | eP | P | |
| MK31 | comp=Z,12nm,0.6s,mb5.1 | | | Pmax | Pmax |
| MK31 | Makanchi Array | 57.93 325 | eP | P | 09 22 47.5 -1.4 |
| MKAR | Makanchi Array | 57.93 325 | eP | P | 09 22 47.6 -1.4 |
| MKAR | comp=Z,4.6nm,0.5s,mb4.8,baz=111,slow=6.4,SNR=19 | | | LR | LR |
| MKAR | | 57.93 325 | eP | P | 09 48 02.7 |
| MKAR | comp=Z,152nm,20.1s,baz=104,slow=36 | | | LR | LR |
| MKAR | Makanchi Array | 57.93 325 | eP | P | 09 22 47.6 -1.4 |
| MKAR | | 58.41 1 | eP | P | 09 48 02.7 |
| MKAR | Yakutsk | 58.41 1 | eP | P | 09 27 41.7 +0.6 |
| YAK | | 58.41 1 | eP | P | 09 23 01.3 |
| YAK | | 58.41 1 | eP | P | 09 23 11.5 +2.8 |
| YAK | comp=Z,20nm,0.9s,mb5.2 | | | Pmax | Pmax |
| YAK | comp=N,3.0nm,1.4s | | | Pmax | Pmax |
| YAK | comp=Z,2.0nm,1.5s | | | P | |
| YAK | Yakutsk | 58.41 1 | eP | P | 09 22 53.6 +1.6 |
| YAK | comp=E,72nm,0.8s,mb4.8 | | | P | |
| KSH | Kashi | 58.44 315 | eP | P | 09 22 57.9 +5.2 |
| KSH | | 58.44 315 | eP | P | 09 23 09.9 +0.5 |
| KSH | | 58.44 315 | eP | P | 09 23 46.5 +3.7 |
| KSH | | 58.44 315 | eP | P | 09 25 08.5 +5.9 |
| KSH | | 58.44 315 | eP | P | 09 27 41.7 +3.8 |
| KSH | | 58.44 315 | eP | P | 09 27 46.4 +2.0 |
| KSH | | 58.44 315 | eP | P | 09 30 56.7 +5.4 |
| KSH | | 58.44 315 | eP | P | 09 32 39.2 +2.2 |
| KSH | | 58.44 315 | eP | P | 09 34 50.7 +6.1 |
| KSH | comp=Z,4.0nm,0.4s,mb4.8 | | | Pmax | Pmax |
| KSH | comp=Z,75nm,4.1s | | | LR | LR |
| KSH | comp=N,140nm,6.1s | | | LR | LR |
| KSH | comp=E,98nm,5.1s | | | LR | LR |
| KSH | comp=Z,220nm,12.8s | | | LR | LR |
| ZAA0 | Zalesovo Array | 60.94 333 | eP | P | 09 23 09.2 -0.4 |
| ZALV | Zalesovo Beam | 60.94 333 | eP | P | 09 23 09.3 -0.2 |
| ZALV | comp=Z,8.3nm,0.8s,mb4.9,baz=112,slow=6.7,SNR=15 | | | LR | LR |
| ZALV | comp=Z,101nm,20.7s,baz=144,slow=38 | | | LR | LR |
| AML | Almayashu | 61.08 317 | eP | P | 09 23 11.4 +0.6 |
| PKS2 | Erkin-Say | 61.24 318 | eP | P | 09 23 12.0 +0.2 |
| EPZS | Rata Peaks | 61.39 145 | eP | P | 09 23 14.5 +1.7 |
| KURK | Kurchatov | 62.11 327 | eP | P | 09 23 16.7 -0.8 |
| KURK | comp=Z,12nm,1.2s,mb4.9,baz=7.1,slow=8.1,SNR=2.6 | | | P | |
| KURK | comp=Z,313nm,0.8s,SNR=3 | | | P | |
| KURK | Kurchatov | 62.11 327 | eP | P | 09 23 16.2 -1.3 |
| KURK | | 62.11 327 | eP | P | |
| KURK | comp=Z,12nm,1.0s,mb5.0 | | | Pmax | Pmax |
| KURK | Kurchatov | 62.11 327 | eP | P | 09 23 16.3 -1.2 |
| KURK | comp=Z,45nm,0.8s,mb5.7 | | | P | |

| | | | | | |
|------|--|-----------|----|------|-----------------|
| SEY | Seymchan | 62.16 131 | eP | P | 09 23 18.7 +1.1 |
| NVS | Novosibirsk | 62.22 333 | eP | P | 09 23 18.1 -0.1 |
| NVS | comp=N,10.0nm,0.8s | | | Pmax | Pmax |
| NVS | comp=E,17nm,0.8s | | | Pmax | Pmax |
| NVS | comp=Z,12nm,0.8s,mb5.1 | | | Pmax | Pmax |
| VOSK | Vostochnaya | 67.23 327 | eP | P | 09 23 49.4 -1.5 |
| VOSK | | 67.23 327 | eP | P | |
| VBAR | Borovoye Array | 67.69 327 | eP | P | 09 23 52.3 -1.4 |
| BRVK | Borovoye | 67.76 327 | eP | P | 09 23 53.5 -0.7 |
| BRVK | comp=Z,36nm,1.1s,mb5.3 | | | P | |
| BRVK | Borovoye | 67.76 327 | eP | P | 09 23 53.5 -0.7 |
| BRVK | comp=Z,36nm,1.1s,mb5.3 | | | P | |
| TIXI | Tiksi | 68.05 1 | eP | P | 09 23 57.2 +1.5 |
| TIXI | | 68.05 1 | eP | P | |
| TIXI | comp=Z,25nm,1.5s,mb5.0 | | | Pmax | Pmax |
| TIXI | Tiksi | 68.05 1 | eP | P | 09 23 57.8 +2.1 |
| ZRNK | Zerenda | 68.42 326 | eP | P | 09 23 56.6 -1.7 |
| ZRNK | | 68.42 326 | eP | P | |
| ZRNK | comp=Z,26nm,0.9s,mb5.3 | | | Pmax | Pmax |
| BILL | Biilbino | 69.67 15 | eP | P | 09 24 07.8 +2.0 |
| BILL | | 69.67 15 | eP | P | |
| BILL | comp=Z,10.0nm,1.6s,mb4.5 | | | Pmax | Pmax |
| AB31 | Akbulak array | 72.54 321 | eP | P | 09 24 22.1 -1.4 |
| AB31 | | 72.54 321 | eP | P | |
| AB31 | comp=Z,4.0nm,0.4s,mb4.7 | | | Pmax | Pmax |
| AB31 | Akbulak array | 72.54 321 | eP | P | 09 24 23.3 -1.2 |
| AB31 | comp=Z,5.8nm,0.6s,mb4.9 | | | P | |
| AKTK | Aktyubile | 74.04 322 | eP | P | 09 24 31.3 -1.1 |
| AKTK | | 74.04 322 | eP | P | |
| AKTK | comp=Z,4.1nm,0.6s,mb4.5,baz=105,slow=9.3,SNR=13 | | | P | |
| SVS | Sverdlovsk | 74.33 328 | eP | P | 09 24 40.6 +6.8 |
| SVS | | 74.33 328 | eP | P | |
| SVS | comp=Z,28nm,0.8s,mb5.2 | | | Pmax | Pmax |
| ARU | Arti | 75.30 328 | eP | P | 09 24 38.7 -0.8 |
| ARU | | 75.30 328 | eP | P | 09 34 15.7 +1.7 |
| ARU | | 75.30 328 | eP | P | 09 39 01.9 -3.0 |
| ARU | comp=Z,12nm,0.8s,mb4.9 | | | Pmax | Pmax |
| ARU | Arti | 75.30 328 | eP | P | 09 24 38.6 -0.9 |
| MAK | Makhachkala | 79.98 313 | eP | P | 09 25 00.9 -5.0 |
| MAK | | 79.98 313 | eP | P | 09 35 03.8 -1.3 |
| MAK | | 79.98 313 | eP | P | 09 35 24.8 |
| MAK | comp=Z,15nm,0.2s,mb5.6 | | | Pmax | Pmax |
| MAK | | 79.98 313 | eP | P | |
| MAK | MLR | | | MLR | MLR |
| KDAX | Kodiak Island | 81.88 32 | eP | P | 09 25 16.4 +0.7 |
| KDAX | comp=Z,5.1nm,0.8s,mb4.5,baz=248,slow=9.0,SNR=3.0 | | | P | |
| ZEI | Tsey | 82.62 313 | eP | P | 09 25 28.1 +3.4 |
| ZEI | | 82.62 313 | eP | P | |
| ZEI | comp=Z,9.0nm,0.6s,mb5.0 | | | Pmax | Pmax |
| PPLA | Purkeyville | 82.66 27 | eP | P | 09 25 21.4 +1.8 |
| PPLA | | 82.66 27 | eP | P | |
| PPLA | comp=Z,11nm,0.8s,mb4.9 | | | P | |
| BPAW | Bear Paw Mtn. | 83.33 26 | eP | P | 09 25 24.7 +1.7 |
| BPAW | | 83.33 26 | eP | P | |
| BPAW | comp=Z,11nm,0.8s,mb4.9 | | | P | |
| TRF | Thorofare Moun | 83.57 27 | eP | P | 09 25 25.3 +0.9 |
| TRF | | 83.57 27 | eP | P | |
| TRF | comp=Z,17nm,1.0s,mb5.1 | | | P | |
| RC01 | Rabbit Creek A | 83.64 29 | eP | P | 09 25 25.3 +0.6 |
| RC01 | | 83.64 | | | |

Table with columns for station call signs (e.g., CLNS, YAK, AMKA), frequencies, and various signal quality metrics (e.g., SNR, S/N, S/NR).

Table with columns for station call signs (e.g., TLY, KODIAK, BPAW), frequencies, and various signal quality metrics (e.g., SNR, S/N, S/NR).

Table with columns for station call signs (e.g., KMI, DLBC, KURK), frequencies, and various signal quality metrics (e.g., SNR, S/N, S/NR).

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like ERK2, KKM, ARU, AML, KSH, TAPN, GUN, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like HUMO, A12A, DDI, SBU, G08A, LNOR, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like FCC, B17A, J10A, A18A, I11A, KBL, etc.

| | | | | | | | |
|-------|---|-------|-----|------|------|------------|------|
| M12A | Wells | 62.27 | 58 | ↑P | P | 12 39 33.9 | +0.9 |
| J15A | Blackfoot | 62.29 | 55 | ↓P | P | 12 39 33.9 | +0.7 |
| NVAR | Mina Array Bea | 62.34 | 62 | ↑P | P | 12 39 34.1 | +0.5 |
| NVAR | comp=Z,4.3nm,0.7s,mb4.8,baz=285,slow=7.0,SNR=88 | | | | | 12 40 10.3 | -0.1 |
| NVAR | comp=Z,2.9nm,0.8s,baz=285,slow=7.1,SNR=5.3 | | | | | 12 40 35.9 | -1.0 |
| NVAR | comp=Z,0.4nm,0.9s,baz=182,slow=4.3,SNR=3.8 | | | | | 13 08 36.9 | |
| NVAR | Mina Array Bea | 62.34 | 62 | ↑P | P | 12 39 34.1 | +0.5 |
| NVAR | comp=Z,4.3nm,0.7s,mb4.8,baz=285,slow=7.0,SNR=88 | | | | | 12 40 10.3 | -0.1 |
| NVAR | comp=Z,2.9nm,0.8s,baz=285,slow=7.1,SNR=5.3 | | | | | 12 40 35.9 | -1.0 |
| NVAR | comp=Z,0.4nm,0.9s,baz=182,slow=4.3,SNR=3.8 | | | | | 13 08 36.9 | |
| BHPL | Bhopal | 62.41 | 274 | ePKP | AMB | 12 39 34.2 | -0.1 |
| YFT | Old Faithful | 62.42 | 53 | eP | P | 12 39 36.1 | +2.1 |
| K14A | Jones Ranch, D | 62.47 | 56 | ↑P | P | 12 39 35.2 | +0.9 |
| I16A | Newdale | 62.47 | 54 | ↓P | P | 12 39 35.0 | +0.7 |
| G18A | Lazy EL Ranch, | 62.50 | 52 | ↓P | P | 12 39 34.6 | +0.1 |
| LKWY | Lake | 62.58 | 53 | eP | Pmax | 12 39 37.2 | +2.2 |
| LKWY | Lake | 62.58 | 53 | eP | P | 12 39 37.2 | +2.2 |
| N12A | Clover Valley | 62.58 | 59 | ↓P | P | 12 39 35.7 | +0.6 |
| N12A | Clover Valley | 62.58 | 59 | eP | P | 12 39 35.9 | +0.8 |
| N12A | Grant Village | 62.60 | 53 | ↓P | P | 12 39 37.0 | +0.3 |
| OBN | Obninsk | 62.64 | 324 | ↓P | P | 12 39 34.3 | -0.9 |
| OBN | Obninsk | | | | | 12 40 08.3 | |
| OBN | Obninsk | | | | | 12 40 41.4 | +2.8 |
| OBN | Obninsk | | | | | 12 41 55.3 | |
| OBN | Obninsk | | | | | 12 47 43.0 | +3.3 |
| OBN | Obninsk | 62.64 | 324 | eP | Pmax | 12 39 34.4 | -0.9 |
| O11A | Cowboy Ranch, | 62.72 | 59 | ↓P | P | 12 39 36.5 | +0.5 |
| K15A | Arbon | 62.72 | 56 | ↓P | P | 12 39 36.9 | +0.9 |
| M13A | Montello | 62.72 | 58 | ↓P | P | 12 39 36.6 | +0.5 |
| M13A | Montello | 62.72 | 58 | eP | P | 12 39 36.7 | +0.7 |
| IMW | Indian Meadow | 62.75 | 54 | eP | P | 12 39 37.3 | +1.2 |
| IMW | Malta | 62.78 | 57 | ↑P | P | 12 40 12.7 | +0.8 |
| RLMT | Red Lodge | 62.78 | 52 | ↑P | P | 12 39 37.0 | +0.7 |
| RLMT | Red Lodge | 62.78 | 52 | eP | P | 12 39 37.1 | +0.8 |
| RLMT | Bone | 62.81 | 55 | ↓P | P | 12 40 11.8 | -0.2 |
| NGP | Nagpur | 62.82 | 271 | ePKP | P | 12 39 35.3 | -1.6 |
| DCIDI | Drake Creek | 62.82 | 54 | eP | P | 12 39 38.1 | +1.4 |
| RR12 | Red Ridge | 62.92 | 54 | ↓P | P | 12 39 38.6 | +1.3 |
| RR12 | Pilgrim Ck. | 62.92 | 53 | ↓P | P | 12 40 42.1 | +1.3 |
| H17A | Dagmar | 62.97 | 46 | ↑P | P | 12 39 37.8 | 0.0 |
| DGMT | Dagmar | 62.97 | 46 | eP | P | 12 39 37.8 | +0.2 |
| DGMT | Teton Pass | 63.02 | 54 | eP | P | 12 40 13.2 | +0.4 |
| TPAW | Wendover, West | 63.04 | 58 | ↑P | P | 12 39 38.6 | +0.5 |
| N13A | Wendover, West | 63.04 | 58 | ↑P | P | 12 39 38.8 | +0.7 |
| N13A | Circle Ranch, | 63.05 | 60 | ↓P | P | 12 40 14.3 | +1.1 |
| P11A | Sheep Mountain | 63.08 | 57 | ↑P | P | 12 39 38.8 | +0.4 |
| M14A | Long Hollow | 63.12 | 54 | eP | P | 12 39 39.6 | +1.0 |
| LOHW | Soda Springs | 63.13 | 55 | ↓P | P | 12 40 43.6 | +1.5 |
| LOHW | Currie | 63.14 | 59 | ↓P | P | 12 39 39.7 | +1.1 |
| O12A | Snow King Moun | 63.14 | 54 | eP | P | 12 39 39.2 | +0.4 |
| SNOW | Red Top Meadow | 63.16 | 54 | eP | P | 12 40 14.5 | +1.0 |
| SNOW | Clear Creek Ra | 63.18 | 61 | ↓P | P | 12 40 42.5 | +0.2 |
| HVU | Hansel Valley | 63.20 | 56 | eP | P | 12 39 39.6 | +0.4 |
| HVU | Hansel Valley | 63.20 | 56 | eP | P | 12 40 43.2 | +0.5 |
| HVU | Hansel Valley | 63.20 | 56 | eP | P | 12 39 39.6 | +0.4 |
| HVU | Hansel Valley | 63.20 | 56 | eP | P | 12 40 43.2 | +0.5 |
| J17A | Brown Place, J | 63.23 | 54 | ↓P | P | 12 39 39.4 | +0.1 |
| LAO | USA Array | 63.24 | 49 | eP | P | 12 40 14.2 | +0.3 |
| LAO | Malad City | 63.26 | 56 | ↓P | P | 12 40 45.1 | +2.3 |
| LAO | Malad City | 63.26 | 56 | ↓P | P | 12 39 40.0 | +0.4 |
| COEN | Coen | 63.28 | 189 | P | P | 12 39 39.9 | 0.0 |
| TIN | Tinmaha | 63.32 | 64 | ↑P | P | 12 39 40.5 | +0.5 |
| SMMC | Simmler | 63.45 | 66 | ↑P | P | 12 39 40.8 | -0.1 |
| I18A | Diamond G Ranch | 63.47 | 53 | ↓P | P | 12 39 41.8 | +0.9 |
| VSU | Vasula | 63.51 | 331 | eP | Pmax | 12 39 39.6 | -1.3 |
| VRHR | Novokhopersk | 63.51 | 318 | eP | Pmax | 12 39 39.3 | -1.7 |
| VRHR | Novokhopersk | 63.51 | 318 | eP | Pmax | 12 39 39.3 | -1.7 |
| VRHR | Novokhopersk | 63.51 | 318 | eP | Pmax | 12 39 39.3 | -1.7 |
| VRHR | Novokhopersk | 63.51 | 318 | eP | Pmax | 12 39 39.3 | -1.7 |
| P12A | McGill | 63.59 | 60 | ↓P | P | 12 39 41.9 | +0.2 |
| Q11A | Duckwater | 63.59 | 61 | ↓P | P | 12 39 41.8 | 0.0 |
| M15A | Larsen Ranch, | 63.60 | 57 | ↓P | P | 12 39 41.9 | +0.2 |
| R10A | Warm Springs | 63.60 | 61 | ↑P | P | 12 39 42.0 | +0.2 |
| N14A | Grayback Hills | 63.61 | 57 | ↓P | P | 12 39 42.2 | +0.4 |
| BGU | Big Grassy Mou | 63.65 | 57 | eP | P | 12 39 42.2 | +0.1 |
| S10A | Topnath Range, | 63.68 | 62 | ↓P | P | 12 39 42.3 | 0.0 |
| J18A | Kendall Valley | 63.70 | 54 | ↓P | P | 12 39 42.9 | +0.5 |
| L16A | Fish Haven | 63.77 | 56 | ↓P | P | 12 39 43.4 | +0.5 |
| PKM | Peak Mountain | 63.84 | 66 | ↑P | P | 12 39 43.6 | +0.2 |
| GRAC | Grapevine Rang | 63.86 | 63 | ↓P | P | 12 39 43.8 | +0.3 |

| | | | | | | | |
|------|----------------|-------|-----|------|------|--------------|------|
| KAKA | Kakadu | 63.86 | 201 | eP | P | 12 39 41.1 | -2.6 |
| KAKA | Kakadu | 63.86 | 201 | eP | P | 12 39 44.5 | +0.8 |
| Q12A | Willow Creek R | 63.93 | 60 | ↑P | P | 12 39 44.3 | +0.4 |
| N15A | Stansbury Isla | 63.95 | 57 | ↓P | P | 12 39 44.5 | +0.4 |
| R11A | Troy Canyon, C | 63.97 | 61 | ↑P | P | 12 39 44.2 | 0.0 |
| HWUT | Hardware Ranch | 63.98 | 56 | eP | P | 12 39 44.9 | +0.6 |
| L17A | Cokeville | 64.02 | 55 | ↑P | P | 12 39 44.9 | +0.5 |
| JASL | Jaisalmer | 64.09 | 282 | ePKP | P | 12 39 45.6 | +0.5 |
| K18A | Toltan Ranch, | 64.09 | 54 | ↓P | P | 12 39 45.6 | +0.6 |
| P13A | Bates Ranch, G | 64.10 | 59 | ↑P | P | 12 39 45.2 | +0.1 |
| ISA | Isabella | 64.12 | 65 | ↑P | P | 12 39 44.2 | -1.0 |
| ISA | Isabella | 64.12 | 65 | eP | Pmax | 12 39 44.1 | -1.1 |
| ISA | Isabella | 64.12 | 65 | eP | Pmax | 12 39 44.1 | -1.1 |
| ISA | Isabella | 64.12 | 65 | eP | P | 12 39 44.1 | -1.1 |
| BW06 | Boulder Array | 64.26 | 54 | ↓P | P | 12 39 46.1 | +0.1 |
| PDAR | Pinedale Array | 64.26 | 54 | ↓P | P | 12 39 46.3 | +0.3 |
| PDAR | Pinedale Array | 64.26 | 54 | ↓P | P | 12 40 49.2 | -0.5 |
| PDAR | Pinedale Array | 64.26 | 54 | ↓P | P | 12 40 49.2 | -0.5 |
| PDAR | Pinedale Array | 64.26 | 54 | ↓P | P | 12 40 49.2 | -0.5 |
| PDAR | Pinedale Array | 64.26 | 54 | ↓P | P | 12 40 49.2 | -0.5 |
| DUG | Dugway | 64.27 | 58 | ↑P | P | 12 39 46.8 | +0.7 |
| DUG | Dugway | 64.27 | 58 | eP | Pmax | 12 39 46.8 | +0.7 |
| DUG | Dugway | 64.27 | 58 | eP | Pmax | 12 39 46.8 | +0.7 |
| DUG | Dugway | 64.27 | 58 | eP | Pmax | 12 39 46.8 | +0.7 |
| NOQ | North Oquirrh | 64.34 | 57 | eP | P | 12 39 47.2 | +0.7 |
| S11A | Race Point | 64.36 | 62 | ↓P | P | 12 39 47.0 | +0.2 |
| ABKT | Ailbek | 64.37 | 299 | P | P | 12 39 48.9 | +2.1 |
| O15A | The Old Anders | 64.40 | 58 | ↓P | P | 12 39 47.5 | +0.5 |
| MPMC | Manual Prospec | 64.43 | 64 | ↓P | P | 12 39 47.4 | +0.1 |
| Q13A | Wheeler Ranch | 64.44 | 59 | ↓P | P | 12 39 47.6 | +0.3 |
| AKL | Akola | 64.47 | 273 | ePKP | P | 12 39 47.6 | -0.2 |
| VSR | Storozhevo | 64.48 | 320 | eP | Pmax | 12 39 46.8 | -0.5 |
| VSR | Storozhevo | 64.48 | 320 | eP | Pmax | 12 39 46.8 | -0.5 |
| VSR | Storozhevo | 64.48 | 320 | eP | Pmax | 12 39 46.8 | -0.5 |
| VSR | Storozhevo | 64.48 | 320 | eP | Pmax | 12 39 46.8 | -0.5 |
| CTU | Camp Tracy | 64.51 | 57 | eP | P | 12 39 48.2 | +0.5 |
| CTU | Camp Tracy | 64.51 | 57 | eP | P | 12 39 48.2 | +0.5 |
| CTU | Camp Tracy | 64.51 | 57 | eP | P | 12 39 48.2 | +0.5 |
| CTU | Camp Tracy | 64.51 | 57 | eP | P | 12 39 48.2 | +0.5 |
| FURC | Furnace Creek, | 64.52 | 63 | ↓P | P | 12 39 48.0 | +0.2 |
| P14A | Drum Mountains | 64.54 | 58 | ↓P | P | 12 39 48.2 | +0.3 |
| R12A | Pony Springs, | 64.54 | 60 | ↓P | P | 12 39 48.1 | +0.1 |
| N16A | Rees Ranch, Co | 64.55 | 56 | ↓P | P | 12 39 48.4 | +0.5 |
| M17A | Scully Gap (B | 64.56 | 56 | ↑P | P | 12 39 48.1 | +0.1 |
| L18A | Fontenelle, Gr | 64.59 | 55 | ↓P | P | 12 39 48.4 | +0.2 |
| K19A | Absolon Red Bu | 64.59 | 53 | ↓P | P | 12 39 47.6 | -0.5 |
| VORD | Divnogorie | 64.61 | 320 | eP | Pmax | 12 39 47.6 | -0.5 |
| VORD | Divnogorie | 64.61 | 320 | eP | Pmax | 12 39 47.6 | -0.5 |
| VORD | Divnogorie | 64.61 | 320 | eP | Pmax | 12 39 47.6 | -0.5 |
| VORD | Divnogorie | 64.61 | 320 | eP | Pmax | 12 39 47.6 | -0.5 |
| VORD | Divnogorie | 64.61 | 320 | eP | Pmax | 12 39 47.6 | -0.5 |
| VORD | Divnogorie | 64.61 | 320 | eP | Pmax | 12 39 47.6 | -0.5 |
| JLU | Jordanella | 64.74 | 57 | eP | P | 12 39 48.9 | -0.2 |
| JLU | Jordanella | 64.74 | 57 | eP | P | 12 39 48.9 | -0.2 |
| JLU | Jordanella | 64.74 | 57 | eP | P | 12 39 48.9 | -0.2 |
| JLU | Jordanella | 64.74 | 57 | eP | P | 12 39 48.9 | -0.2 |
| JLU | Jordanella | 64.74 | 57 | eP | P | 12 39 48.9 | -0.2 |
| JLU | Jordanella | 64.74 | 57 | eP | P | 12 39 48.9 | -0.2 |
| L19A | Farson | 64.83 | 54 | ↓P | P | 12 40 20.6 | +0.5 |
| N17A | Moffitt Pass | 64.84 | 56 | ↑P | P | 12 39 49.7 | 0.0 |
| Q14A | Sevier Lake (B | 64.84 | 59 | ↑P | P | 12 39 50.3 | +0.4 |
| NLU | North Lily Min | 64.84 | 58 | eP | P | 12 39 50.0 | +0.1 |
| U10A | Ash Meadows, A | 64.86 | 63 | ↓P | P | 12 39 50.2 | +0.2 |
| S12A | Delamar Landin | 64.90 | 61 | ↑P | P | 12 39 50.7 | +0.5 |
| M18A | Lyman | 64.92 | 55 | ↓P | P | 12 39 50.3 | +0.1 |
| T11A | Corn Creek, Al | 64.94 | 62 | ↑P | P | 12 39 50.6 | +0.1 |
| EDW2 | Edwards Air Fo | 64.94 | 65 | ↓P | P | 12 39 50.4 | -0.1 |
| DAU | Daniels Canyon | 64.98 | 57 | eP | Pmax | 12 39 51.7 | +1.0 |
| DAU | Daniels Canyon | 64.98 | 57 | eP | Pmax | 12 39 51.7 | +1.0 |
| DAU | Daniels Canyon | 64.98 | 57 | eP | Pmax | 12 39 51.7 | +1.0 |
| DAU | Daniels Canyon | 64.98 | 57 | eP | Pmax | 12 39 51.7 | +1.0 |
| DAU | Daniels Canyon | 64.98 | 57 | eP | Pmax | 12 39 51.7 | +1.0 |
| DAU | Daniels Canyon | 64.98 | 57 | eP | Pmax | 12 39 51.7 | +1.0 |
| O16A | Springville | 64.98 | 57 | ↑P | P | 12 39 51.6 | +1.0 |
| P15A | Leamington | 65.00 | 58 | ↑P | P | 12 39 51.2 | +0.4 |
| R13A | O'Grain Ranch, | 65.01 | 60 | ↓P | P | 12 39 51.1 | +0.2 |
| MPU | Maple Canyon | 65.05 | 57 | eP | P | 12 39 51.6 | +0.5 |
| MPU | Maple Canyon | 65.05 | 57 | eP | P | 12 40 54.9 | -0.1 |
| SHOC | Shoshone | 65.25 | 63 | ↑P | P | 12 39 52.3 | -0.2 |
| Q15A | Fillmore | 65.34 | 58 | ↓P | P | 12 39 53.2 | +0.2 |
| M19A | Rock Springs | 65.35 | 55 | ↓P | P | 12 39 52.6 | -0.4 |
| GSC | Goldstone | 65.35 | 64 | ↑P | P | 12 39 52.9 | -0.3 |
| GSC | Goldstone | 65.35 | 64 | eP | P | 12 39 53.1 | -0.1 |
| GSC | Goldstone | 65.35 | 64 | eP | P | 12 40 23.2 | |
| GSC | Goldstone | 65.35 | 64 | eP | P | 12 39 53.1 | -0.1 |
| GSC | Goldstone | 65.35 | 64 | eP | P | 12 40 23.2 | |
| GSC | Goldstone | 65.35 | 64 | eP | P | 12 40 23.2 | |
| GSC | Goldstone | 65.35 | 64 | eP | P | 12 40 23.2 | |
| GSC | Goldstone | 65.35 | 64 | eP | P | 12 40 23.2 | |
| GSC | Goldstone | 65.35 | 64 | eP | P | 12 40 23.2</ | |

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like PDMCI Parker Dam, Q20A Ridgely Place, T17A Navajo, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like Q25A Bedland, R24A Sanders Place, X18A Snowflake, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like EZM Erzurum, Y22A Socorro, KIS Kishinev, etc.

9d 12h

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

2008 JUL

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

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Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

NEIC 09 12:36:19.5, 15:15N-94:46W, h16km, MD4.1(MEX), After MEX.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations near Oaxaca.

ISCBJ 09 12:42:31.6, 0.7, 32.15N-104:04:104.96E, h10km, mb3.6/3, Error ellipse: s-maj=10.6km s-min=6.0km az=10.9

ISCBJ 09 12:42:32.3, 1.3, 32.06N-105:01E, h0km, mb3.5/3, mb1 3.6/5, mb1mx3.4/25, mbtpr3.4/5, ML3.2/2, Error ellipse: s-maj=43.7km s-min=24.6km az=60.0

BUI 09 12:42:36.5, 32.22N-104:84E, h16km, ML3.5/11, Ms3.4/2, Ms7.3/2

ISCB 09 12:42:33.4, 0.7, 32.17N-104:04:104.96E, h10km, n8, s150/14, mb3.6/3, Sichuan

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in Sichuan.

Table with columns: SGST, ENA, ENA, NSK, YHNB, CHNB, CHNB, ENTT, HSN, HSN, HSN, CHN3, CHN3, SCLT, SCLT, TWG, TWG, TWG, TWG, TWE, TWE, TWC, TWC, TAIH, TAIH, TAI1, TAI1, TCU, TCU, NCU, NCU, ILLA, ILLA, SSD, SSD, TWTM, TWTM, TATO, TATO, TWA, TWA, TAP1, TAP1, TWS1, TWS1, PNG, PNG, NWF, NWF, TWB1, TWB1, EAST, EAST, TAW, TAW, TAW, TAW, TWTY, TWTY, SCZT, SCZT, SCZT, SCZT, TKN1, TKN1, TKN1, TKN1, QZH, QZH, QZH, QZH

ISCJB 09 14:07:47.2.3.53:3N.0.1:163:36W.0.06, h24km, 15km, mb3.9/17, MS3.2/5, Error ellipse: s-maj=17.6km s-min=6.0km az=174.7

ISCJB 09 14:07:49.7.1.7.53:95N.163:77W, h0km, mb3.8/15, mb1 3.9/16, mb1mx3.8/30, mbtmp3.8/16, ML3.8/1, MS3.2/4, Ms1 3.2/4, ms1mx2.8/36, Error ellipse: s-maj=44.4km s-min=18.3km az=171.0

NEIC 09 14:07:53.0.2.5.53:74N.163:59W, h29km, 15km, mb4.1/3, ML3.5(AE/C), Error ellipse: s-maj=24.9km s-min=6.3km az=170.0

ISC 09 14:07:48.6.2.5.53:4N.0:1:163:45W.0:07, h15km, n3, n4, n5, n6, n7, n8, n9, n10, n11, MS3.2/5, Unimak Island region

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

Table with columns: KRSR, TXAR, ULN, SONM, ARCES, BSVR, FINES, FINES, FINES, FINES, NOA, HFS, AFI, EKA, ABKR, AKAS, AKAS, BRTR

ISCJB 09 14:10:53.2.1.2.24:65S.0:08:179:2W.0:2, h383km, 15km, mb3.9/6, Error ellipse: s-maj=32.5km s-min=12.6km

ISC 09 14:10:53.2.2.6.24:56S.179:18W, h372km, 27km, mb3.3/5, mb1 3.5/6, mb1mx3.3/15, mbtmp3.4/6, Error ellipse: s-maj=27.2km s-min=23.0km az=42.0

NEIC 09 14:10:53.9.1.0.24:66S.179:06W, h389km, 11km, mb4.0/1, Error ellipse: s-maj=22.8km s-min=14.2km az=78.0

ISC 09 14:10:54.4.1.1.24:68S.0:08:179:2W.0:2, h378km, 14km, 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, n101, n102, n103, n104, n105, n106, n107, n108, n109, n110, n111, n112, n113, n114, n115, n116, n117, n118, n119, n120, n121, n122, n123, n124, n125, n126, n127, n128, n129, n130, n131, n132, n133, n134, n135, n136, n137, n138, n139, n140, n141, n142, n143, n144, n145, n146, n147, n148, n149, n150, n151, n152, n153, n154, n155, n156, n157, n158, n159, n160, n161, n162, n163, n164, n165, n166, n167, n168, n169, n170, n171, n172, n173, n174, n175, n176, n177, n178, n179, n180, n181, n182, n183, n184, n185, n186, n187, n188, n189, n190, n191, n192, n193, n194, n195, n196, n197, n198, n199, n200, n201, n202, n203, n204, n205, n206, n207, n208, n209, n210, n211, n212, n213, n214, n215, n216, n217, n218, n219, n220, n221, n222, n223, n224, n225, n226, n227, n228, n229, n230, n231, n232, n233, n234, n235, n236, n237, n238, n239, n240, n241, n242, n243, n244, n245, n246, n247, n248, n249, n250, n251, n252, n253, n254, n255, n256, n257, n258, n259, n260, n261, n262, n263, n264, n265, n266, n267, n268, n269, n270, n271, n272, n273, n274, n275, n276, n277, n278, n279, n280, n281, n282, n283, n284, n285, n286, n287, n288, n289, n290, n291, n292, n293, n294, n295, n296, n297, n298, n299, n300, n301, n302, n303, n304, n305, n306, n307, n308, n309, n310, n311, n312, n313, n314, n315, n316, n317, n318, n319, n320, n321, n322, n323, n324, n325, n326, n327, n328, n329, n330, n331, n332, n333, n334, n335, n336, n337, n338, n339, n340, n341, n342, n343, n344, n345, n346, n347, n348, n349, n350, n351, 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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Organos, Pico Tres Padr, Laguna Verde, Demacu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Bilibino, Petropavlovsk, NVAR, PDAR, TXAR, etc.

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

ISC/JB 09 15:24:40.9, 1.0, 5.6/NL:0.2, 93E:0.1, h30km, mb4.2/10, Error ellipse: s-maj=29.2km s-min=7.7km az=43.8

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

ISC 09 15:24:42.9, 1.0, 5.6/NL:0.2, 93E:0.1, h32km, h32km, 4km; pP, n17, e08120, mb4.2/10, Off west coast of northern Sumatra

ISC/JB 09 14:56:47.5, 1.2, 21.21S:0.06:68.3W:0.3, h124km, 29km, Error ellipse: s-maj=49.1km s-min=7.0km az=9.6

ISC 09 15:10:57.4, 37.44N:28.38E, h6km, MD2.8 CSEM 09 15:11:00.6, 0.3, 37.24N:28.28E, h17km, km, MD2.8

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

ISC 09 14:56:49.0, 3.1, 21.16S:68.70W, h140km, ML4.0 IDC 09 14:56:49.0, 3.1, 21.16S:68.70W, h123km, 30km

ISC 09 15:11:01.1, 0.7, 37.26N:0.05:28.26E:0.05, h3km, 14km, Error ellipse: s-maj=9.2km s-min=5.3km az=40.8

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

ISC 09 14:56:48.1, 1.2, 21.21S:0.07:68.4W:0.3, h117km, 29km, n14, e093/19, 3C-2D, Chile-Bolivia border region

ISC 09 15:14:03.7, 2.4, 55.99N:0.06:153.2W:0.1, h11km, 16km, mb3.7/9, MS3.4/11, Error ellipse: s-maj=11.7km

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

ISC 09 15:14:04.5, 1.1, 56.03N:153.41W, h0km, mb3.6/9, mb1.3/8, mb1mx3.6/25, mbtmp3.7/9, MS3.4/12

ISC 09 15:14:07.0, 0.3, 0.56/05N:0.06:153.3W:0.1, h18km, 20km, n36, e088/30, mb3.7/9, MS3.4/11, Kodiak Island region

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

ISC 09 15:02:49.5, 1.0, 56.05N:153.37W, h0km, mb3.8/16, mb1.4/0.17, mb1mx3.9/29, mbtmp3.8/17, ML3.4/1, MS3.0/1

ISC 09 15:14:06.5, 5.5, 91N:153.09W, h20km, ML3.5(AEIC), After NEIC 09 15:14:06.5, 5.5, 91N:153.09W, h20km, ML3.5(AEIC), After

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

ISC 09 15:02:51.1, 2.1, 56.01N:0.07:153.4W:0.1, h27km, 14km, mb3.8/16, Error ellipse: s-maj=12.7km s-min=9.7km az=145.7

ISC 09 15:14:05.1, 6.0, 5.69S:0.08:112.52E:0.03, h92km, 4km, mb3.7/10, Error ellipse: s-maj=13.5km s-min=3.7km az=10.3

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

ISC 09 15:02:52.7, 5.5, 95N:153.14W, h26km, mb4.1/1, ML3.4(AEIC), After AEIC

ISC 09 15:02:52.6, 2.1, 56.03N:0.07:153.4W:0.1, h21km, 14km, n41, e092/42, mb3.8/16, Kodiak Island region

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

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

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

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

IDC 09 15:37:46.8, 3.0, 47.41N:73.25E, h0km, mb1.2/8.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like THL, DSF, Desfina, DSF, Desfina, DSF, Goura, GUR, GUR, Goura, ITM, Ithomi, ITM, Ithomi, ITM, Ithomi, VIX, Vlachokerasia, VIX, Vlachokerasia, VLX, VLX, LTK, Loutraki, LTK, Loutraki, LTK, Loutraki, DID, Didima, DID, Didima, DID, Didima, VLI, Veliai, VLI, Veliai.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like MKAR Makanchi Array, ZALV Zalesovo Beam, QSPA South Pole, BVAR Borovoye Array, NVAR Mima Array.

ISCJB 09 17:59:16.1±0.5, 29.76N±0.04, 141.18E±0.1, h62km, 7km, mb3.9/12, Error ellipse: s-maj=22.1km s-min=4.2km az=167.8
IDC 09 17:59:16.5±1.2, 29.91N±1.42, 142.33E±1.14, h66km, 7km, mb3.4/10, mb1.3/5/14, mb1mx3.5/25, mbtmp3.5/14, Error ellipse: s-maj=45.1km s-min=12.2km az=74.0
JMA 09 17:59:16.2±2.7, 29.70N±1.42, 142.46E±1.14, h46km, M4.3
NEIC 09 17:59:18.2±4.2, 29.96N±1.42, 142.27E±1.14, h82km, 19km, mb4.5/1, Error ellipse: s-maj=49.0km s-min=16.4km az=75.0
ISC 09 17:59:17.8±0.5, 29.76N±0.04, 141.19E±0.1, h66km, 6km, h66km, 3.4km, p-P, n44, s117/58, mb3.8/12, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like MSLP Maasin, MSLP Namlea, APSI Ampara, CNP Catmaran, PCI Palu, KDI Kendari, MYLMD Lahad Datu, MYLMD Lahad Datu, CUYO Cuyo Island, TSM Tawau, PVCP Virac, TLE Tual, TTST Tana Toraja, SDKM Sandakan, SPSI Sidrap Palu, KKM Kota Kinabalu, KAPI Kappang, KAPI Kappang.

CSEM 09 17:43:31.0±0.2, 39.03N±16.15E, h15km, ML3.9/4, Error ellipse: s-maj=5.8km s-min=3.7km az=95.0
ROM 09 17:43:32.7±0.1, 38.97N±16.23E, h10km, Md3.0/18, M13.2/21, 4C-4D, Error ellipse: s-maj=1.7km s-min=1.4km az=93.0, Southern Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like GRI Girifalco, GRI Girifalco, CARO Carolei, CARO Carolei, SERS Sersale, SERS Sersale, JOPP Joppolo, JOPP Joppolo, PLAC Placancina, PLAC Placancina, LADO San Nicola del, LADO San Nicola del, MSRU Castanea, MSRU Castanea, SOI Samo, SOI Samo, MPAZ Palizzi, MPAZ Palizzi, MILZ Milazzo, MILZ Milazzo, LLI Lipari, LLI Lipari, VPL Vulcano Piano, VPL Vulcano Piano, SIRI Monte Sirino, SIRI Monte Sirino, MMME Mongiuffi-Meli, MMME Mongiuffi-Meli, BULG Bulgheria - Ca, BULG Bulgheria - Ca, MTSN Montesauro, MTSN Montesauro, MCEL Monticello, MCEL Monticello, CMPR Campora, CMPR Campora, CDRU Civita di Rota, CDRU Civita di Rota, LTRZ Laterza, LTRZ Laterza, TARI Taranto, MRLC Muro Lucano, MRLC Muro Lucano, MRLV Minervino Murg, MRLV Minervino Murg.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like CBIJ Chichi jima, CBIJ Chichi jima, CBIJ Haha-jima-NKRT, CBIJ Haha-jima-NKRT, JHM Mitsune, JHM Mitsune, JHJ Hachijo jima 2, JHJ Hachijo jima 2, JMY Miyakejima3, JMY Miyakejima3, BSO1 Boso 1, BSO1 Boso 1, JKO Kozu shima, JKO Kozu shima, BSO3 Boso 3, BSO3 Boso 3, JIM2 Oshima 3, JIM2 Oshima 3, TATJ Tateyama 2, TATJ Tateyama 2, JOD2 Odawara 2, JOD2 Odawara 2, CHOU Choshi, CHOU Choshi, JHU Hanno, JHU Hanno, JYT Yasato, JYT Yasato, RYOG Ryogasaki san, RYOG Ryogasaki san, JHO Hitachi, JHO Hitachi, JAG Ashikaga, JAG Ashikaga, JONAJ Iwakimizuishiy, JONAJ Iwakimizuishiy, MJAR Matushiro Arr, MJAR Matushiro Arr, MAJO Matushiro, MAJO Matushiro, MAT Matushiro, MAT Matushiro, JFK Kawauchi, JFK Kawauchi, JFT Otama, JFT Otama, JMM Marumori, JMM Marumori, KSRS Korea Array, KSRS Korea Array, ANAJ Anshikawa, ANAJ Anshikawa, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC comp=Z, 1.5nm, 0.5s, mb4.8, HHC comp=Z, 1.5nm, 0.5s, mb4.8, HHC comp=Z, 99nm, 5.6s, HHC comp=Z, 99nm, 5.6s, SONM Songoing Array, SONM Songoing Array, TLY Talaya, TLY Talaya, ZALV Zalesovo Beam, ZALV Zalesovo Beam, MKAR Makanchi Array, MKAR Makanchi Array, WRAP Warramunga Creek, WRAP Warramunga Creek, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, BVAR Borovoye Array, BVAR Borovoye Array, ARCS ARCES Array B, ARCS ARCES Array B, FINES FINES Array B, FINES FINES Array B, FINES FINES Array B, FINES FINES Array B, AKASA Malin Array Be, AKASA Malin Array Be, BRTR Keskin Array B, BRTR Keskin Array B, BRTR La Paz, BRTR La Paz, LPAZ La Paz, LPAZ La Paz.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like KDI Kendari, MYLMD Lahad Datu, CUYO Cuyo Island, TSM Tawau, PVCP Virac, TLE Tual, TTST Tana Toraja, SDKM Sandakan, SPSI Sidrap Palu, KKM Kota Kinabalu, KAPI Kappang, KAPI Kappang, APYP Conner, APYP Conner, SBUM Sibul, SBUM Sibul, STKI Sintang, STKI Sintang, KAKA Kakadu, KAKA Kakadu, KSM Kuching, KSM Kuching, KSM Kuching, KSM Kuching, KNA Kununurra, KNA Kununurra, KNA Kununurra, KRKI Karangates, KRKI Karangates, YULB Yulu, YULB Yulu, TPUB Tapu, TPUB Tapu, SSLB Suahang, SSLB Suahang, YHNB Yeung, YHNB Yeung, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, MYKOM Kota Tinggi, MYKOM Kota Tinggi, WRAP Warramunga Creek, WRAP Warramunga Creek, WRAP Warramunga Arr, WRAP Warramunga Arr, MBWA Marble Bar, MBWA Marble Bar, ASAR Alice Springs, ASAR Alice Springs, ASAR ASAR, MEAK Meekatharra, MEAK Meekatharra, CMEK Chiang Mai Arr, CMEK Chiang Mai Arr, CHTO Ching Mai Arr, CHTO Ching Mai Arr, KSRS Korea Array, KSRS Korea Array, KSRS Korea Arr, KSRS Korea Arr, KSRS Korea Arr, KSRS Korea Arr, MJAR Matushiro Arr, MJAR Matushiro Arr, FORT Fortes, FORT Fortes, MORW Morawa, MORW Morawa, XAN Xi'an, XAN Xi'an, KMBL Kambalda, KMBL Kambalda, BBOO Bucklebo, BBOO Bucklebo, BJT Baijiatuu, BJT Baijiatuu, BJI Beijing, BJI Beijing, STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, NWAO Narrogin (SRO), NWAO Narrogin (SRO), NWAO Narrogin (SRO), NWAO Narrogin (SRO), HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Kakani, HHC Kakani, HHC Kakani, HHC Kakani, HHC Kakani, HHC Kakani, HHC Kakani, SHL Shilling, SHL Shilling, ARPS Mount Arapiles, ARPS Mount Arapiles, LSA Lhasa, LSA Lhasa, GTA Gaotai, GTA Gaotai, TADN Taplejung, TADN Taplejung, JIRN Jiri, JIRN Jiri, GUN Gumba, GUN Gumba, PKI Pulchoki, PKI Pulchoki, PKIN Pulchoki, PKIN Pulchoki, KKN Kakani, KKN Kakani, DMN Daman, DMN Daman, ULN Ulanbaatar, ULN Ulanbaatar, SONM Songoing Array, SONM Songoing Array, SONM Songoing Array, SONM Songoing Array, PETK Petropavlovsk, PETK Petropavlovsk, MKAR Makanchi Array, MKAR Makanchi Array, TKM2 Tokmak 2, TKM2 Tokmak 2, ZALV Zalesovo Beam, ZALV Zalesovo Beam, RPZ Rata Peaks, RPZ Rata Peaks, AML Almayushu, AML Almayushu, EKSE Erkin-Say, EKSE Erkin-Say, KURK Kurchatov, KURK Kurchatov.

BJI 09 18:24:50.9, 3.53N±128.30E, h141km, mb4.7/4, mb4.5/14
ISCJB 09 18:24:50.5±0.7, 3.88N±0.03, 128.03E±0.06, h114km, 5km, mb4.6/43, Error ellipse: s-maj=9.8km s-min=4.3km az=169.8
IDC 09 18:24:51.9±0.7, 3.86N±127.99E, h111km, 6km, mb4.1/18, mb1.4/2/20, mb1mx4.1/27, mbtmp4.1/20, MS3.1/1, M1.3.1/1, ms1mx2.0/35, Error ellipse: s-maj=22.1km s-min=8.7km az=79.0
NEIC 09 18:24:51.7±0.3, 3.87N±127.99E, mb4.5/15, Error ellipse: s-maj=11.9km s-min=5.1km az=77.0
DJA 09 18:24:55.3±7.2N±127.81E, h102km, Mw5.9
MAN 09 18:25:03.4±6.7N±127.28E, h173km, mb5.5, ML4.5, MS4.9
ISC 09 18:24:51.7±0.6, 3.87N±0.03, 128.01E±0.06, h107km, 5km, h114km±2.2km, p-P, n107, s1504/114, mb4.6/43, 3C, North of Helmalhera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like KAKA Kakadu, WRA Warramunga Arr, KNA Kununurra, ASAR Alice Springs, STKA Stephens Creek, STKA Stephens Creek, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, MRLC Muro Lucano, MRLC Muro Lucano, MRLV Minervino Murg, MRLV Minervino Murg.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like TINTI Ternate, MATI Mati, MATI Mati, GSPH General Santos, GSPH General Santos, MNI Manado, DAV Davao City (W), DAV Davao City (W), DMPH Davao City-Mii, KCP Kudapan, KCP Kudapan, BUTP Butuan, CGP Cagayan de Oro, PAGZ Pagadian, IPIL Ipil, ZMPS Zamboanga City, ZMPS Zamboanga City, MRSI Marisa.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like TADN Taplejung, JIRN Jiri, GUN Gumba, PKI Pulchoki, PKIN Pulchoki, KKN Kakani, DMN Daman, ULN Ulanbaatar, SONM Songoing Array, SONM Songoing Array, PETK Petropavlovsk, MKAR Makanchi Array, TKM2 Tokmak 2, ZALV Zalesovo Beam, RPZ Rata Peaks, AML Almayushu, EKSE Erkin-Say, KURK Kurchatov.

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

ISCJB 09 21:20:29.7, 0.4, 32.17N, 104.104, 89E, 0.05, h10km, mb3.5/5, Error ellipse: s-maj=5.9km s-min=5.0km az=39.2

IDD 09 21:20:29.6, 1.0, 32.10N, 104.83E, h0km, mb3.5/5, mb1 3.6/8, mb1mx3.4/27, mbtmp3.4/8, ML3.4/2, Error ellipse: s-maj=37.5km s-min=18.7km az=58.0

NEIC 09 21:20:31.0, 0.4, 32.14N, 104.72E, h10km, mb3.9/1, Error ellipse: s-maj=11.2km s-min=7.2km az=63.0

BUI 09 21:20:33.4, 32.30N, 104.81E, h13km, ML3.3/13, Ms3.0/2, Ms7.2/2

ISC 09 21:20:31.2, 0.4, 32.19N, 103.104, 92E, 0.04, h10km, n19, c15/6/26, mb3.5/5, Sichuan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like CD2 Chengdu, XAN Xi'an, XAN Xian, etc.

KRSC 09 21:31:23.3, 0.2, 53.56N, 160.82E, h40km, 29km, ML3.6, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like SPN Mys Shipunski, KIL Karymskiy, MKZ Mys Kozlova, etc.

IDD 09 21:34:27.1, 28.0, 39.61N, 62.70E, h0km, mb3.2/1, mb1 3.1/3, mb1mx2.9/25, mbtmp3.1/3, ML3.1/2, 2C-1D, Error ellipse: s-maj=341.7km s-min=66.0km az=43.0, Turkmenistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like KK31 Karatay Array, KK31 Karatay Array, BVAR Borovoye Array, etc.

ISCJB 09 21:46:37.0, 2.0, 6.01S, 154.08E, h0km, mb3.9/6, mb1 4.1/7, mb1mx3.8/18, mbtmp3.9/7, MS3.2/2, Ms1 3.2/2, ms1mx2.8/27, Error ellipse: s-maj=61.3km s-min=22.2km az=107.0

ISCJB 09 21:46:37.8, 1.9, 6.2S, 154.5E, 0.3, h33km, mb4.0/9, Error ellipse: s-maj=50.9km s-min=12.6km az=16.1

NEIC 09 21:46:39.1, 1.4, 6.23S, 154.63E, h35km, mb4.3/4, Error ellipse: s-maj=38.6km s-min=9.8km az=106.0

ISC 09 21:46:39.2, 0.6, 35.0, 154.6E, 0.4, h35km, n21, c0564/20, mb4.0/9, Bougainville - Solomon Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like CTA Charters Tower, WRAB Tennant Creek, WRA Warramunga Arr, etc.

MEX 09 21:53:28.7, 0.4, 16.05N, 90.81W, h43km, 58km, MD3.9, Mexico-Guatemala border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like THIG THIG, SCX San Cristobal, TKM2 Tuxtla Gutierrez, etc.

ISCJB 09 22:03:38.5, 0.9, 29.4S, 0.1, 179.0W, 0.2, h328km, 11km, mb3.5/5, Error ellipse: s-maj=24.7km s-min=16.7km az=14.9

IDD 09 22:03:39.7, 0.9, 29.42S, 179.01W, h323km, 10km, mb3.4/3, mb1 3.6/4, mb1mx3.3/16, mbtmp3.5/4, Error ellipse: s-maj=25.6km s-min=21.8km az=50.0

NEIC 09 22:03:39.5, 0.6, 29.42S, 178.94W, h327km, 7km, mb3.6/3, Error ellipse: s-maj=15.7km s-min=10.5km az=112.0

ISC 09 22:03:39.5, 0.9, 29.4S, 0.1, 179.0W, 0.2, h321km, 11km, n19, c0548/18, mb3.5/5, Kermadec Islands region

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

BUI 09 22:17:32.9, 2.7, 74S, 100.70E, h53km, mb4.9/36, mb4.9/47, Ms5.3/33, Ms7.5/146

DJA 09 22:17:36.2, 1.1S, 100.55E, h5km, Mw5.5/19, MOS 09 22:17:37.5, 1.6, 1.78S, 101.22E, h33km, mb5.4/58, MS4.9/21, Error ellipse: s-maj=10.2km s-min=4.7km az=116.8

IDD 09 22:17:39.0, 1.5, 1.97S, 100.97E, h41km, 12km, mb4.7/26, mb1 4.8/28, mb1mx4.7/29, mbtmp4.7/28, ML4.5/2, MS4.8/24, Ms1 4.8/24, ms1mx4.6/35, Error ellipse: s-maj=15.7km s-min=8.3km az=51.0

GCMT 09 22:17:39.5, 0.2, 2.06S, 100.61E, h13km, MW5.3, Moment Tensor Solution. s60, c92, s92, c170; Moment tensor: Scale 10^17Nm; Mr=0.0; Mw=0.0; Ms=0.0; M0=0.0; M1=0.0; M2=0.0; M3=0.0; M4=0.0; M5=0.0; M6=0.0; M7=0.0; M8=0.0; M9=0.0; M10=0.0; M11=0.0; M12=0.0; M13=0.0; M14=0.0; M15=0.0; M16=0.0; M17=0.0; M18=0.0; M19=0.0; M20=0.0; M21=0.0; M22=0.0; M23=0.0; M24=0.0; M25=0.0; M26=0.0; M27=0.0; M28=0.0; M29=0.0; M30=0.0; M31=0.0; M32=0.0; M33=0.0; M34=0.0; M35=0.0; M36=0.0; M37=0.0; M38=0.0; M39=0.0; M40=0.0; M41=0.0; M42=0.0; M43=0.0; M44=0.0; M45=0.0; M46=0.0; M47=0.0; M48=0.0; M49=0.0; M50=0.0; M51=0.0; M52=0.0; M53=0.0; M54=0.0; M55=0.0; M56=0.0; M57=0.0; M58=0.0; M59=0.0; M60=0.0; M61=0.0; M62=0.0; M63=0.0; M64=0.0; M65=0.0; M66=0.0; M67=0.0; M68=0.0; M69=0.0; M70=0.0; M71=0.0; M72=0.0; M73=0.0; M74=0.0; M75=0.0; M76=0.0; M77=0.0; M78=0.0; M79=0.0; M80=0.0; M81=0.0; M82=0.0; M83=0.0; M84=0.0; M85=0.0; M86=0.0; M87=0.0; M88=0.0; M89=0.0; M90=0.0; M91=0.0; M92=0.0; M93=0.0; M94=0.0; M95=0.0; M96=0.0; M97=0.0; M98=0.0; M99=0.0; M100=0.0; M101=0.0; M102=0.0; M103=0.0; M104=0.0; M105=0.0; M106=0.0; M107=0.0; M108=0.0; M109=0.0; M110=0.0; M111=0.0; M112=0.0; M113=0.0; M114=0.0; M115=0.0; M116=0.0; M117=0.0; M118=0.0; M119=0.0; M120=0.0; M121=0.0; M122=0.0; M123=0.0; M124=0.0; M125=0.0; M126=0.0; M127=0.0; M128=0.0; M129=0.0; M130=0.0; M131=0.0; M132=0.0; M133=0.0; M134=0.0; M135=0.0; M136=0.0; M137=0.0; M138=0.0; M139=0.0; M140=0.0; M141=0.0; M142=0.0; M143=0.0; M144=0.0; M145=0.0; M146=0.0; M147=0.0; M148=0.0; M149=0.0; M150=0.0; M151=0.0; M152=0.0; M153=0.0; M154=0.0; M155=0.0; M156=0.0; M157=0.0; M158=0.0; M159=0.0; M160=0.0; M161=0.0; M162=0.0; M163=0.0; M164=0.0; M165=0.0; M166=0.0; M167=0.0; M168=0.0; M169=0.0; M170=0.0; M171=0.0; M172=0.0; M173=0.0; M174=0.0; M175=0.0; M176=0.0; M177=0.0; M178=0.0; M179=0.0; M180=0.0; M181=0.0; M182=0.0; M183=0.0; M184=0.0; M185=0.0; M186=0.0; M187=0.0; M188=0.0; M189=0.0; M190=0.0; M191=0.0; M192=0.0; M193=0.0; M194=0.0; M195=0.0; M196=0.0; 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ISCJB 09 22:17:40.5, 0.4, 1.92S, 100.03, 100.95E, 0.03, h61km, 3km, mb5.2/165 Error ellipse: s-maj=5.5km s-min=3.1km az=141.3

NEIC 09 22:17:41.1, 1.2, 1.83S, 101.14E, h54km, 10km, mb5.2/73, MS4.8/6, Error ellipse: s-maj=8.8km s-min=5.0km az=47.0

NEIC Felt [I] at Padang and Painan; [I] at Bengkulu, Kapahiang, Mukomuko and Padangpanjang. Also felt [I] on Nias

SZ

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Collm, Smolence, Pruhonice, ZST Bratislava, NEUB Neuenburg, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like GRI Girifalco, CARO Carolei, SERS Sersale, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like LKD Lefkada island, RLS Riolos of Patr, UPRI University Cam, etc.

DJA 09 22:37:30.210Sx100.60E, h6km, MLv3.5/3, Southern

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like KRJI Kerinci, PPSI Pulau Pagai, PDSI Padang, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like ORI Oriolo Calabro, ORI Oriolo Calabro, ORI Oriolo Calabro, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like IGT Igoumenitsa, IGT Igoumenitsa, IGT Igoumenitsa, etc.

ISK 09 22:46:44.8, 37°21'N; 28°32'E, h6km, MD2.6

USCJA 09 22:46:45.6, 0.6, 37°18'N; 04°28'32E; 0.05, h6km, 9km, Error ellipse: s-maj=7.0km s-min=6.0km az=41.9

CSEM 09 22:46:45.4, 0.1, 37°21'N; 28°32'E, h5km, MD2.6, Error ellipse: s-maj=2.6km s-min=1.7km az=173.0

DDA 09 22:46:45.9, 37°15'N; 28°27'E, h7km, 7km, MD2.9

ISC 09 22:46:45.9, 0.5, 37°17'N; 04°28'33E; 0.04, h6km, 6km, n24, c0877/34, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like YER Yerkesik, TUR Turunc, MLSB Milas, AYDN Tasoluk, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like MMTS Monteesano, MMTS Monteesano sull, MCEL Menticello, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like JAN Janina, JAN Janina, JAN Janina, etc.

NEIC 09 23:00:48.1, 17.47N; 101.19W, h10km, MD4.1 (MEX), After MEX.

MEX 09 23:00:48.9, 0.6, 17.29N; 101.26W, h16km, 10km, MD4.0, Near coast of Guerrero

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like CAIG El Cayaco, MMIG Aquila, MOIG Morelia, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like LTRZ Laterza, LTRZ Laterza, LTRZ Laterza, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like PVL PYLOS, PVL PYLOS, PVL PYLOS, etc.

ISC 09 23:12:25.1, 2.38°27'N; 20°78'E, h0km, mb4.0/1.1, mb1.3/9.16, mb1mx3.8/32, mbtmp3.9/16, ML3.6/6, Error ellipse: s-maj=27.4km s-min=14.4km az=177.0

ISC 09 23:12:25.1, 0.3, 38°19'N; 02°20'64E; 0.02, h11km, 2km, mb3.9/16, Error ellipse: s-maj=2.8km s-min=1.8km az=24.2

CSEM 09 23:12:25.9, 0.1, 38°20'N; 20°70'E, h5km, ML3.7, Ms3.4, Error ellipse: s-maj=3.7km s-min=2.2km az=25.0

NEIC 09 23:12:26.0, 38°21'N; 20°69'E, h14km, mb3.9/4, ML3.8 (THE), ML3.7 (ATH), After ATH.

THE 09 23:12:26.8, 38°23'N; 20°76'E, h3km, 1km, ML4.3/12, Error ellipse: s-maj=1.0km s-min=0.6km az=185.0

PDG 09 23:12:26.5, 0.5, 38°20'N; 20°69'E, h13km, 1km, ML3.9/10, Error ellipse: s-maj=1.1km s-min=0.7km az=90.0

ATH 09 23:12:26.3, 38°21'N; 20°69'E, h14km, ML3.7

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like MRLC Muro Lucano, MRLC Muro Lucano, MRLC Muro Lucano, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like VLLX Vlachokerasia, VLLX Vlachokerasia, VLLX Vlachokerasia, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like MCRV Calabritti - M, MCRV Calabritti - M, MCRV Calabritti - M, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like SRN Sarande, SRN Sarande, SRN Sarande, etc.

ISC 09 23:08:27.0, 38°36'N; 03°16'20E; 0.04, h14km, 4km, n63, c083/77, 4C-4D, Southern Italy

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like GRI Girifalco, GRI Girifalco, GRI Girifalco, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like VLS Valsamata, VLS Valsamata, VLS Valsamata, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like NEO Neokhori, NEO Neokhori, NEO Neokhori, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like VLY Voula, Athens, PTL Penteli, FNA Florina, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like STON Ston, STON Stjon, PLE Plevjia, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like MDT Midelt, HFS Hagfors, EKA Eskdalemuir, etc.

ISCJB 09 23:14:02.6: 1.3, 17.3S:0.1x178.9W:0.1, h516km, 17km, mb4.0/16, Error ellipse: s-maj=20.1km s-min=11.7km az=142.4

IDC 09 23:14:03.7: 2.1, 17.29S:178.88W, h514km, 26km, mb3.6/3, mb1 3.6/9, mb1mx3.5/16, mbtmp3.4/9, Error ellipse: s-maj=33.5km s-min=13.8km az=148.0

NEIC 09 23:14:03.6: 0.8, 17.32S:178.86W, h518km, 10km, mb4.0/6, Error ellipse: s-maj=11.6km s-min=7.9km az=142.0

ISC 09 23:14:03.8: 1.3, 17.3S:0.1x178.9W:0.1, h517km, 17km, n37, e0563/4, mb4.0/16, Fiji Islands region

Table with columns for Code, Station Name, Frequency, and other parameters. Includes stations like AFI Afiamalu, ARMA Armidale, CNB Canberra, etc.

Table with columns: BRVK, comp-Z, max, pmax, and numerical values. Includes entries like BRVK Borovoye, CMAR Chiang Mai Arr, AAK Ala-Archa, etc.

Table with columns: LPL, La Plagne, 82.54 338 eP, P, 02 33 08.4 +1.3. Includes entries like LPL La Plagne, LPL La Plagne, LPL La Plagne, etc.

Table with columns: QIZ, Miong, 21.23 329 eP, P, 02 54 28.8 -0.4. Includes entries like QIZ Miong, PSI Pong, WRAB Tennant Creek, etc.

ISCJB 10 02:49:47.8:0.5:0.87N:121.20E:0.03, h78km, 5km, mb4.7/32, Error ellipse: s-maj=5.8km s-min=5.1km

BUI 10 02:49:48.5:1.38N:121.33E, h42km, mb4.9/6, mb4.7/13, Ms4.2/1, Ms7.3/9

IDC 10 02:49:49.0:2.0:0.78N:121.19E, h77km, 18km, mb4.0/13, mb1.4/2.15, mb1mx4.1/24, mbtmp4.1/15, MS3.3/5, Ms1.3.3/5, ms1mx2.8/28, Error ellipse: s-maj=27.1km s-min=10.8km az=70.0

NEIC 10 02:49:48.5:0.7:0.81N:121.17E, h72km, 7km, mb4.8/13, Error ellipse: s-maj=8.7km s-min=5.0km az=65.0

NEIC Feil [I] at Tolitoli

ISC 10 02:49:49.2:4.0:0.83N:0.03, 121.17E:0.03, h74km, 5km, n89, -r103/93, mb4.7/32, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res. Includes entries like MRSI Marisa, PCI Palu, KMSI Cibinong, etc.

KAP1 1.2kmJum414nm,0.7s 5.97 194 P Pn 02 51 12.8 -2.3

KAP1 5.5m,0.3,baz=334,slo=9.8,SNR=16 S Sn 02 52 28.9 +6.8

KAP1 8az=97,slo=24,SNR=1.3 P Pn 02 51 12.8 -2.3

TNTI Ternate 6.97 194 P Pn 02 51 18.7 +0.6

BKSI Bulukumba 6.20 190 P Pn 02 51 21.7 +3.6

KBKI Labuha 6.47 231 P Pn 02 51 22.3 +0.5

LBMI Labuha 6.49 103 P Sn 02 52 33.6 -1.2

KKM Kota Kinabalu 7.17 316 ePn Pn 02 51 29.8 -1.5

KKM Kota Kinabalu 7.17 316 P Sn 02 52 48.1 -3.2

NLAI Namlea 7.17 124 P Pn 02 51 33.3 +1.9

KDM Kudat 7.44 325 P Pn 02 51 35.6 +0.6

DAV Davo City 7.60 35 S Sn 02 53 05.3 +1.5

DAV Davo City 7.60 35 ePn Pn 02 51 37.4 +0.1

DAV Sibuluan 9.09 280 eS Pn 02 53 05.2 +0.5

DAV Sibuluan 9.09 280 P Sn 02 51 58.0 +0.3

IDC 10 02:50:48.3:6.2:2.68S:100.36E, h0km, mb4.1/2, mb1.4/2.3, mb1mx3.7/22, mbtmp4.0/3, ML3.5/1, MS2.9/1, Ms1.2.9/1, ms1mx2.3/30, Error ellipse: s-maj=253.2km s-min=30.7km az=58.0

ISCJB 10 02:50:53.7:0.6:2.13S:0.05:100.63E:0.05, h53km, 10km, mb4.0/2, Error ellipse: s-maj=8.2km s-min=7.6km az=157.6

DJA 10 02:50:53.2:1.13S:100.61E, h13km, MLV4.2/10

ISC 10 02:50:54.3:0.6:2.11S:0.05:100.61E:0.05, h47km, 12km, n16, -d096/18, mb4.0/2, Southern Sumatra

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res. Includes entries like KRJI Kerinci, KRJI Kerinci, KRJI Kerinci, etc.

PSI 1.2km,0.3,baz=141,slo=13,SNR=3.8 LR 02 54 24.6

WRA Warramunga Arr 37.41 121 P Pn 02 58 02.4 -0.7

ASAR Alice Springs 38.69 126 P Pn 02 58 13.8 0.0

TXAR Lajlajas Array 144.41 38 PKPb PKPdf 03 10 25.9 -0.3

IDC 10 02:50:29.0:2.9:2.49S:100.22E, h0km, mb3.9/7, mb1.4/0.8, mb1mx3.7/24, mbtmp3.8/8, ML3.3/1, MS3.2/2, Ms1.3.2/2, ms1mx2.6/33, Error ellipse: s-maj=154.9km s-min=17.6km az=53.0

ISCJB 10 02:50:35.0:0.5:2.11S:0.04:100.59E:0.05, h53km, 6km,

Table with columns: Call sign, Frequency, Power, Mode, and other technical details. Includes stations like BILL, YBHA, ISA, HUNO, WAKR, PAHR, NVAR, etc.

Table with columns: Call sign, Frequency, Power, Mode, and other technical details. Includes stations like WERD, GUNZ, NKCC, CONA, MOX, MOXA, etc.

Table with columns: Call sign, Frequency, Power, Mode, and other technical details. Includes stations like DZM, STKA, STKA, WRA, ASAR, FITZ, etc.

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

ICD 103:54:05.0:1.5, 15:36N:122:81E, h0km, mb4.0/0.5, mb1.4/2.6, mb1mx3.8/25, mbtmp4.1/6, Error ellipse: s-maj=32.8km s-min=23.8km az=58.0

MAN 103:54:09, 15:43N:122:31E, h11km, mb4.8, ML3.7, MS3.8, ISCSJB 103:54:10, 6:0:0.8, 15:52N:102:34E, 0:09, h73km, 9km, mb4.0/1.8, Error ellipse: s-maj=14.8km s-min=7.8km

NEIC 103:54:10.2:0.8, 15:32N:122:74E, h35km, mb4.3/1, Error ellipse: s-maj=21.2km s-min=13.0km az=67.0

ISC 103:54:11.6:0.8, 15:53N:102:05:122:34E:0.09, h66km, 10km, n19, i:054:25, mb4.0/6, 1C-1D, Philippine Islands region

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

NOU 104:09:18.2:1.5, 20:53S:168:56E, h10km, MD2.8, ML4.1, IDC 104:09:26.6:11.0, 19:43S:167:01E, h0km, mb3.7/3, mb1.3/3.9, mb1mx3.7/14, mbtmp3.7/3, Error ellipse: s-maj=33.12km s-min=56.9km az=134.0

ISC 104:09:18.3:4.2, 20:53S:168:56E:0.5, h10km, 37km, n7, i:048:9, mb3.6/3, Loyalty Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BAYA, Yate Dam, BAYA, DZM, etc.

IDC 104:27:30.8:4.3, 5:76N:93:47E, h0km, mb3.4/4, mb1.3/5.4, mb1mx3.2/22, mbtmp3.4/4, Error ellipse: s-maj=164.2km s-min=27.3km az=63.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MKAR, Makanchi Array, SONM, Songino Array, etc.

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

10d 5h

2008 JUL

Table with columns: ID, Name, Az, El, AzEl, P, AzEl, P, AzEl, P. Includes entries like Wickenburg, Dider Farm, Cowboy Ranch, Pakoon Wash, MacKenzie Ranch, Juniper Basin, Pony Springs, Elko Archery, Sonoran Desert, Durkee, Yava, Willow Creek R, Pulchoki, Phulchoki, Saint George, Wollman Farm, Seligman, McGill, Holland Ranch, Cove, Berg Farm, Mel, Kakani, Boquillas Ranch, Holt Ranch, En, Damjan, Elko, Casa Rosa Ranch, Blue Mountains, Colville Reser, Odessa Site #2, Wood Farm, Sta, Eloy, O'Grain Ranch, Tiksi, Three Points, Mt Trumbull, Cat Creek Ranch, Parker Ranch, Clover Valley, Clover Valley, Currie, Humboldt, Bishop Farm, Wheeler Ranch, Cedar City, Antelope Range, Hurricane, Williams, Wells, Bates Ranch, Beach Ranch, Camas Ranch, Gorkha, Peralta Trail, Placerville, House Creek Ra, Circle Bar Ranch, Kalibab Nationa, Hicks Ranch, Tucson, Tucson, Wendover, West, Wendover, North Rim, Donnelly, Lo Mia Camp, Sevier Lake, Oracle, Draper Farm, Walters Elk Ra, Stokes Ranch, Montello, Montello, Atlanta, Grangeville.

Table with columns: ID, Name, Az, El, AzEl, P, AzEl, P, AzEl, P. Includes entries like Bisbee, Drum Mountains, Wupatki, Wupatki, Dragon, Forest Lakes, Newport, Big Creek, Yel, Tornea, Homack Ranch, Grayback Hills, Hailey, Marysville, Diamond D Ranc, Dugway, Dugway, Dugway, Sheep Mountain, Cove Ranch, Pi, Elk City, Beaver Dam Sad, Douglas, Tonia, Kykot, Weppner Ranch, Tepee Creek, Canyon Day (N), Wildhorse Cree, Malta, The Old Anders, White Tail Can, Challis, Teasdale, Stansbury Isla, Jones Ranch, Red Ives Forest, Snowflake, Ashpeack Ranch, Hansel Valley, Navajo Res., N, N'lazarevskaya, Maitri, Cobalt, South Promonto, Larsen Ranch, Mackay, Darby, Ganado, Malid City, Playas Peak, Springville, Arbon, Leadore, Hanksville Air, Rough Rock, BSMT, Jordanelle, Nine Sixteen R, Rees Ranch, Blackfoot, Urumqi, Brackfoot, Urumqi, Inuvik, Mexican Hat, Hardware Ranch, Hurst Farm, Lima, Robinson Place, Fish Haven, Dine' College, Canonlands Na, Dillon, Bone, Roosevelt, Neumayer-Stat.

Table with columns: ID, Name, Az, El, AzEl, P, AzEl, P, AzEl, P. Includes entries like Russell Place, Salmond Ranch, Larsen Ranch, Elephant Butte, Paradox Valley, Cripple Cowboy, Bradely Ranch, Toltan Ranch, Nageezi, Kendall Valley, Riddley Place, Barren Site, Farson, De Beque, Pinedale Array, White River Ci, Albuquerque, Albuquerque, Albuquerque, Absolon Red Bu, Crested Butte, Black Mountain, Snowmass, Lajitas Array, Lajitas Array, Lajitas Array, McDonald Obser, Kremmling, Wattenberg Ray, Makanchi Array, Makanchi Array, Makanchi Array, Yellowknife Ar, Yellowknife Ar, Yellowknife Ar, Zalesovo Beam, Zalesovo Beam, Kurchatov, Borovoy Array, Arti, Arti, Arti, Aktyubinsk, Aktyubinsk, La Paz, El Rosal, Apatity, Kevo, Kevo, Summit, Arces, Arces, Arces, SCHO, SCHO, BOSA, KBD, KBD, RDF, RDF, Joensuu, Joensuu.

Table with columns: Name, Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes entries like NAY, DGRG, VRHR, MTA, SCO, etc.

Table with columns: Name, Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes entries like BOJS, BOJS, BOJS, etc.

Table with columns: Name, Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes entries like REYF, RESF, VIEF, etc.

Table with columns: MWC, GSC, TUC, WUAZ, CUUT, Station Name, Az, El, Az, El, Time, Res, ISC

NOU 10 05:53:08.1±0.6, 20:57:53.168;73E, h10km, MD2.7, ML4.0

DCU 10 05:53:13.8±0.2, 20:20:53.167;64E, h0km, mb4.1/5,

mb1 4.2/5, mb1mx4.0/15, mbtmp4.1/5, Error ellipse: s-maj=45.1km s-min=39.6km az=50.0

ISC 10 05:53:11.8±1.1, 8:21:13.0±0.3;168E:0.3, h33km, m9,

05971/11, mb4.0/4, Loyalty Islands

Table with columns: Code, Station Name, Az, El, Az, El, Time, Res, ISC

DCU 10 05:56:38.1±1.2, 12:58N:71.04W, h0km, mb3.6/6,

mb1 4.0/8, mb1mx3.8/22, mbtmp3.9/8, ML3.3/1, MS3.2/4,

Ms1 3.2/4, ms1mx2.8/26, Error ellipse: s-maj=33.8km

s-min=19.9km az=61.0

NEIC 10 05:56:41.7±0.7, 12:46N:71.55W, h10km, mb4.1/1, Error

ellipse: s-maj=14.0km s-min=10.1km az=87.0

FUNV 10 05:56:43.7±1.2, 12:48N:0.03;71.74W, h0km, mb4.1/1,

ISC 10 05:56:45.3±1.2, 12:48N:0.03;71.74W, h0km, mb4.1/1,

n41, f121/56, mb3.6/7, MS3.3/2, C, Near north coast of

Table with columns: Code, Station Name, Az, El, Az, El, Time, Res, ISC

Table with columns: Code, Station Name, Az, El, Az, El, Time, Res, ISC

ISCJB 10 06:30.2±0.3, 62:80N:0:03;150:42W:0.08,

h113km, 4km, mb3.8/9, Error ellipse: s-maj=6.1km

s-min=4.9km az=174.0

DCU 10 06:05:30.2±2.8, 62:99N:150:67W, h82km, 30km, mb3.4/9,

mb1 3.6/12, mb1mx3.4/26, mbtmp3.5/12, Error ellipse:

s-maj=24.2km s-min=22.0km az=17.0

NEIC 10 06:05:31.6, 62:84N:150:43W, h101km, MG3.5(AEIC),

After AEIC,

ISC 10 06:05:31.5±0.3, 62:79N:0:03;150:42W:0.08,

h105km, 4km, n38, n071/46, mb3.8/9, Central Alaska

Table with columns: Code, Station Name, Az, El, Az, El, Time, Res, ISC

Table with columns: DIV, SVWZ, MENT, BMRM, BMRM, COLD, EGAK, DAWY, KDKA, Station Name, Az, El, Az, El, Time, Res, ISC

KDKA 6.5nm, 0.3s, baz=275, slow=21, SNR=13

KDKA Kodiak Island 5.14 193 eP Pn 06 06 45.4 -0.3

OHAK Old Harbor 5.77 196 eP Pn 06 06 54.0 -0.5

HNT Haines Junction 6.43 102 eP Pn 06 07 13.4 +1.0

YRK Yukon River 8.90 137 eP Pn 06 07 36.5 -0.5

INX Inuvik 8.90 44 eP Pn 06 07 38.8 +1.8

YK Yellowknife Ar 16.34 75 P Pn 06 09 14.3 +0.1

ELK Elko 30.36 120 pP P 06 11 59.9 +3.6

NVAR Mina Array Bay 31.19 126 pP P 06 12 06.6 +3.0

TXAR Lajitas Array 44.44 116 P Pn 06 13 38.7 +3.2

TXAR Lajitas Array 44.94 116 P Pn 06 13 38.7 +3.1

ARCES ARCES Array B 47.93 2 P P 06 13 57.9 -0.4

ARCES ARCES Array B 47.93 2 P P 06 13 57.9 -0.4

KSRK Korea Array 53.78 283 P P 06 14 43.5 +0.9

SONM Songoing Array 54.15 306 P P 06 14 46.5 +1.3

ZALV Zalesovo Beam 55.85 324 P P 06 14 56.5 -0.7

BVAR Borovoye Array 60.16 333 P P 06 15 26.8 -0.6

BVAR Borovoye Array 60.16 333 P P 06 15 26.8 -0.6

KURK Kurchatov 60.40 326 P P 06 15 29.2 -0.2

MKAR Makanchi Array 63.00 322 P P 06 15 45.7 -0.8

MKAR Makanchi Array 63.00 322 P P 06 15 45.7 -0.8

AKASG Malin Array Bay 66.85 0 P P 06 16 10.5 -0.9

0.5nm, 0.3s, mb3.8, baz=2.2, slow=6.1, SNR=3.4

ISC 10 06:12:10.4±0.9, 3:75N, 127:68E, h0km, mb3.9/7,

mb1 4.0/7, mb1mx3.8/22, mbtmp3.9/8, Error ellipse:

s-maj=95.3km s-min=16.4km az=72.0, Talaud Islands

WRA Warramunga Arr 24.44 165 P P 06 17 31.7 +0.7

ASAR Alice Springs 27.92 168 P P 06 18 02.8 +0.3

ASAR Alice Springs 27.92 168 P P 06 18 02.8 +0.3

KSRK Korea Array 33.54 0 P P 06 18 51.5 -0.4

STKA Stephens Creek 37.82 161 P P 06 19 28.7 -0.1

SONM Songoing Array 47.58 341 P P 06 20 49.0 +1.2

MKAR Makanchi Array 58.08 325 P P 06 22 05.6 0.0

KURK Kurchatov 62.23 327 P P 06 22 33.4 -0.5

4.7nm, 0.2s, baz=29, slow=15, SNR=9.2

4.7nm, 0.2s, baz=29, slow=15, SNR=9.2

4.7nm, 0.2s, baz=29, slow=15, SNR=9.2

4.7nm, 0.2s, baz=29, slow=15, SNR=9.2

4.7nm, 0.2s, baz=29, slow=15, SNR=9.2

4.7nm, 0.2s, baz=29, slow=15, SNR=9.2

4.7nm, 0.2s, baz=29, slow=15, SNR=9.2

4.7nm, 0.2s, baz=29, slow=15, SNR=9.2

4.7nm, 0.2s, baz=29, slow=15, SNR=9.2

4.7nm, 0.2s, baz=29, slow=15, SNR=9.2

4.7nm, 0.2s, baz=29, slow=15, SNR=9.2

4.7nm, 0.2s, baz=29, slow=15, SNR=9.2

4.7nm, 0.2s, baz=29, slow=15, SNR=9.2

4.7nm, 0.2s, baz=29, slow=15, SNR=9.2

4.7nm, 0.2s, baz=29, slow=15, SNR=9.2

4.7nm, 0.2s, baz=29, slow=15, SNR=9.2

4.7nm, 0.2s, baz=29, slow=15, SNR=9.2

4.7nm, 0.2s, baz=29, slow=15, SNR=9.2

4.7nm, 0.2s, baz=29, slow=15, SNR=9.2

4.7nm, 0.2s, baz=29, slow=15, SNR=9.2

4.7nm, 0.2s, baz=29, slow=15, SNR=9.2

4.7nm, 0.2s, baz=29, slow=15, SNR=9.2

4.7nm, 0.2s, baz=29, slow=15, SNR=9.2

4.7nm, 0.2s, baz=29, slow=15, SNR=9.2

4.7nm, 0.2s, baz=29, slow=15, SNR=9.2

4.7nm, 0.2s, baz=29, slow=15, SNR=9.2

4.7nm, 0.2s, baz=29, slow=15, SNR=9.2

4.7nm, 0.2s, baz=29, slow=15, SNR=9.2

4.7nm, 0.2s, baz=29, slow=15, SNR=9.2

4.7nm, 0.2s, baz=29, slow=15, SNR=9.2

Table with columns: KAKA, KAKA, KAKA, GMJI, KSM, KSM, KRKI, SJI, Station Name, Az, El, Az, El, Time, Res, ISC

50nm, 0.8s

KAKA Kakadu 14.97 155 eP Pn 06 33 26.7

KAKA Kakadu 14.97 155 P Pn 06 33 17.9 -2.7

KAKA Kakadu 14.97 155 P Pn 06 33 18.4 -2.2

GMJI Gumukmas 15.56 234 P Pn 06 33 34.3 +6.1

KSM Kuching 15.76 272 P Pn 06 33 34.9 +4.2

KSM Kuching 15.76 272 P Pn 06 33 34.1 +3.4

KRKI Karangkang 16.61 236 P Pn 06 33 42.1 +4.4

SJI Sawahan 16.66 339 P Pn 06 33 44.9 +2.8

NGJI Ngawi 16.75 240 P Pn 06 33 45.3 +2.2

PWJI Pagerwojo 16.78 238 P Pn 06 33 45.4 +1.9

KNA Kununurra 16.81 171 eP Pn 06 33 43.4 -0.4

KNA Kununurra 16.81 171 P Pn 06 33 43.5 -0.3

PCJI Pacitan 17.40 238 P Pn 06 33 54.0 +2.8

UGM Wanagama 17.82 240 P Pn 06 33 59.5 +3.1

YOGI Yogyakarta 17.98 241 P Pn 06 34 01.4 +3.1

FITZ Fitzroy Crossi 18.94 181 eP Pn 06 34 07.4 -2.4

FITZ Fitzroy Crossi 18.94 181 P Pn 06 34 07.9 -1.9

FITZ Fitzroy Crossi 18.94 181 eP Pn 06 34 07.5 -2.2

FITZ Fitzroy Crossi 18.94 181 P Pn 06 34 08.3 -1.5

KLSI Kula 22.04 255 P Pn 06 34 45.1 +2.9

MYKOM Kota Tinggi 22.22 272 P Pn 06 34 46.5 +2.3

MYKOM Kota Tinggi 22.22 272 P Pn 06 34 44.2 0.0

WRAB Tennant Creek 22.29 159 P Pn 06 34 43.0 -1.8

WRAB Tennant Creek 22.29 159 eP Pmax 06 34 43.6 -1.2

WRAB Tennant Creek 22.29 159 P Pn 06 34 43.8 -1.0

WRA Warramunga Arr 22.29 159 P Pn 06 34 43.5 -1.3

WRA Warramunga Arr 22.29 159 P Pn 06 38 40.2 +1.2

WRA Warramunga Arr 22.29 159 P Pn 06 38 40.2 +1.2

KASI Kota Agung 22.48 253 P Pn 06 34 49.3 +2.4

COEN Coen 22.51 132 eP P 06 36 45.7 -1.7

COEN Coen 22.51 132 P P 06 34 46.1 -1.1

MDSI Maura Dua 22.52 256 P Pn 06 34 46.4 -1.0

KGM Kluang 22.76 273 P P 06 34 51.6 +1.7

MBWA Marble Bar 22.83 195 eP P 06 34 48.0 -1.8

MBWA Marble Bar 22.83 195 eP P 06 34 48.6 -1.8

KTGM Kuala Trenggan 23.30 281 P Pn 06 34 55.8 +0.5

PMG Port Moresby 23.39 117 P Pmax 06 34 56.7 +0.5

PMG Port Moresby 23.39 117 P Pmax 06 34 57.0 +0.8

QMG Qiongzong 24.00 319 P P 06 35 01.1 -0.5

QIZ QIZ 24.00 319 P P 06 35 10.3

QIZ QIZ 24.00 319 P P 06 35 14.9 -8.3

QIZ QIZ 24.00 319 P P 06 39 18.0 +3.4

QIZ QIZ 24.00 319 P P 06 39 32.3 -6.9

QIZ QIZ 24.00 319 P P 06 39 32.3 -6.9

QIZ QIZ 24.00 319 P P 06 39 32.3 -6.9

QIZ QIZ 24.00 319 P P 06 39 32.3 -6.9

QIZ QIZ 24.00 319 P P 06 39 32.3 -6.9

QIZ QIZ 24.00 319 P P 06 39 32.3 -6.9

QIZ QIZ 24.00 319 P P 06 39 32.3 -6.9

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QIZ QIZ 24.00 319 P P 06 39 32.3 -6.9

QIZ QIZ 24.00 319 P P 06 39 32.3 -6.9

QIZ QIZ 24.00 319 P P 06 39 32.3 -6.9

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

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

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

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

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

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

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

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

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

CASC 10 06:44:32.2-7.843N-82.98W, h7km, MD3.7, 1C, Panama-Costa Rica border region

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

NEIC 10 07:20:57.1, 16.75N-94.59W, h115km, MD3.9(MEX), After MEX.

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

MEX 10 07:20:57.1+0.7, 16.75N-94.59W, h115km, 8km, MD3.9

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

Table with columns: HADR, comp, Z, 66nm, 23.0s, MS3.8, MLR, MLR, 71.01 42 eP, P, 08 01 13.6 +0.8, etc.

IDC 10 08:04:55.9-5.4, 6.64S, 130.01E, h126km, 42km, mb3.9/9, mb1.4/1/12, mb1mx3.9/22, mbtmp4.0/12, Error ellipse: s-maj=33.7km s-min=15.0km az=54.0

ISCJB 10 08:04:58.0-0.5, 6.82S, 0.04-130.02E, 0.05, h167km, 7km, mb4.1/1.1, Error ellipse: s-maj=8.8km s-min=5.6km az=162.1

NEIC 10 08:04:57.5-2.0, 6.71S, 129.98E, h142km, 20km, mb4.5/4, Error ellipse: s-maj=16.8km s-min=12.1km az=223.0

DJA 10 08:04:59.6, 6.69S, 130.04E, h160km, mb4.9/5, Error ellipse: s-maj=16.8km s-min=12.1km az=223.0

ISC 10 08:04:58.8-0.5, 6.79S, 0.04-130.04E, 0.05, h156km, 6km, n55, e1908/64, mb4.1/1.1, Banda Sea

Main table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC, etc.

Table with columns: HHC, comp, Z, 82nm, 6.4s, pmax, pmax, LR, LR, 68.07 327 eP, P, 08 15 41.1 -0.3, etc.

CSEM 10 08:18:25.8-0.6, 42.68N, 9.04E, h2km, ML2.5/10, Error ellipse: s-maj=19.8km s-min=6.9km az=65.0

NEIC 10 08:18:27.8, 42.55N, 9.34E, h30km, ML2.5(LDG), ML2.4(STF), After LDG.

ISCJ 10 08:18:29.8, 1.0, 42.72N, 0.05-8.77E, 0.08, h10km, Error ellipse: s-maj=8.4km s-min=6.4km az=152.6

Main table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC, etc.

Table with columns: GELI, Tayfur-Gelibol, 1.02 293 ePg, Pg, 09 02 56.2 -0.8, etc.

SZGRF 10 09:08:27.6, 20.73S, 178.87W, h33km, Fiji Islands region

NEIC 10 09:09:26.5-0.6, 22.32S, 179.65W, h577km, 7km, mb4.5/45, Error ellipse: s-maj=9.4km s-min=6.6km az=149.0

ISC 10 09:09:26.5-0.6, 22.32S, 179.65W, h577km, 7km, mb4.5/45, Error ellipse: s-maj=9.4km s-min=6.6km az=149.0

Main table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC, etc.

10d 9h

2008 JUL

Table with columns: Station Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like UNV Unalaska Valle, YSS Yuzh-Sakhalins, KSRSS Korea Array, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like IBBN libbenburen, CLL comp=Z,13nm,0.6s, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like LAST Lasithi, LAST Lasithi, LAST Lasithi, etc.

mb4.1/9, Error ellipse: s-maj=11.6km s-min=4.9km az=145.7

NEIC 10 14:12:00.9, 1.6, 7.48S, 125.79E, h40km, 18km, mb4.1/2, Error ellipse: s-maj=21.5km s-min=10.5km az=49.0

DJA 10 14:12:02, 7.54S, 125.53E, h140km, mb4.4/8

ISC 10 14:12:01.4, 0.7, 7.66S, 105.12557E, 0.06, h48km, 9km, n38, c096/46, mb4.1/9, Banda Sea

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.

NEIC 10 14:13:06.8, 53.41N, 165.74W, h23km, ML3.6(AEIC), After AEIC

ISCJB 10 14:13:07.1, 0.9, 53.50N, 0.08, 165.78W, 0.09, h59km, 6km, mb3.8/13, MS2.7/2, Error ellipse: s-maj=14.7km s-min=7.4km az=153.3

IDC 10 14:13:07.4, 1.53, 85N, 165.90W, h61km, 37km, mb3.5/13, mb1.3/7.14, mb1mx4.5/25, mbtmp3.6/14, ML3.7/1, MS2.9/2, Ms1.2/2, ms1mx2.5/31, Error ellipse: s-maj=31.1km s-min=16.7km az=0.0

ISC 10 14:13:08.4, 0.8, 53.52N, 0.08, 165.83W, 0.09, h52km, 6km, n29, c1503/35, mb3.8/13, MS2.7/2, Fox Islands

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.

MOS 10 14:17:03.7, 0.9, 10.12S, 119.12E, h33km, mb5.0/12, Error ellipse: s-maj=23.4km s-min=9.7km az=107.8

IDC 10 14:17:06.2, 0.7, 9.41S, 118.74E, h0km, mb4.5/15, mb1.4/5/17, mb1mx4.5/25, mbtmp4.5/17, ML4.3/2, MS3.4/2, Ms1.3/4/2, ms1mx2.6/28, Error ellipse: s-maj=26.1km s-min=15.1km az=54.0

ISCJB 10 14:17:11.3, 1.0, 9.62S, 0.04, 118.80E, 0.06, h61km, 9km, mb4.9/53, Error ellipse: s-maj=11.3km s-min=6.2km az=153.7

BUI 10 14:17:13.3, 9.60S, 118.80E, h82km, mb4.8/23, mb4.9/37, Ms4.8/13, MS7.4/4/15

NEIC 10 14:17:13.3, 1.2, 9.57S, 118.82E, h63km, 11km, mb4.8/15, Error ellipse: s-maj=13.5km s-min=7.8km az=62.0

DJA 10 14:17:16, 9.67S, 118.87E, h67km, mb4.9/40

ISC 10 14:17:13.5, 0.8, 9.61S, 0.05, 118.80E, 0.07, h62km, 8km, h97km, 1.4km, pP-P, n95, c1520/106, mb4.9/53, 3C-2D, Sumbawa 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.

Table with columns: BJI, Beijing, 49.45 357, P, P, 14 25 56.7 -0.6. Lists various seismic stations and their data points.

10d 16h

Table with columns for station name, frequency, power, and signal strength. Includes stations like HHC Hu-ho-hao-te, HHC HHC, HHC comp=Z,28nm,0.7s,mb5.3, etc.

2008 JUL

Table with columns for station name, frequency, power, and signal strength. Includes stations like GLA Glamis, GLA Glamis, GLA comp=Z,13nm,1.0s,mb5.2, etc.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like TUC Tucson, Y16A Circle Bar Ranch, H09A Durkes, etc.

Table with columns: CHNS, CHN4, WTP, CHN1, CHN1, SGST, SGST. Rows include station names like Tsauhsan, Ta-pu, Nanshi, Jiashian, and SGST with associated codes and values.

IDC 10 17:55:51.8... 1.9, 24.04N; 122.20E, h0km, mb3.4/5, mb1 3.5/5, mb1mx3.3/23, mbtmp3.4/5, Error ellipse: s-maj=159.1km s-min=19.9km az=65.0

Main table for 10d 18h section. Columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like ENA, NACB, YOJ, TWC, ILA, TWE, NNS, WHF, TWT, YHNB, NUSK, NWF, TWA, TAT, SSSL, HATJ, SMLT, YUS, NSTT, TWS1, TWT, ALS, NSY, WKRS, CHN5, TWG, CHN4, WTP, CHN1, TWK, SGST, WSF, CHN8, TWM1, JTJ, PCZT, JGGS, JOGS.

Table with columns: SONM, MKAR, ZALV, WRA, ASAR. Rows include station names like Sogingo Array, Makanchi Array, Zalesovo Beam, Warramunga Arr, Alice Springs with associated codes and values.

DJA 10 18:23:49.2, 24.1N; 95.22E, h10km, MLv4.0/3, IDC 10 18:23:53.4... 1.3, 23.31N; 95.46E, h0km, mb3.7/7, mb1 3.7/9, mb1mx3.6/24, mbtmp3.6/9, ML3.1/2, MS3.1/2, ms1mx2.6/29, Error ellipse: s-maj=44.6km s-min=19.1km az=52.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like TPTI, TSI, PSI, PSI, MNSI, PPI, CMAR, LSA, WRA, ASAR, KSRS, MKAR, SONM, SUNK, KURK, ZALV, STKA, BRTR.

BJI 10 18:23:59.0, 38.31N; 134.11E, h432km, mB4.5/11, NIED 10 18:24:00.38... 30N, 134.10E, h440km, Mw4.1 Best double couple: M1, 4.30000x10^15, NP2=299.00000°, 58.8.00000°, -36.00000°

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like SAI, JHG, JHS, MAJO, MAT, MJAR, MJAR, JIE, JRY, JRY, JWZ, KSRS, KSRS, KSRS, JOD2, JOD2, VLA, JTO, JYSM, JOKS, JMK, JOT, JKB, BSO1, BSO1, JHU, JHU, MDJ, ERM, ERM, ASAJ, ASAJ, ASAJ, ASAJ, ASAJ, KLR, NJ2, NJ2, BJI, BJI, BJT, BJT, BJT, BJT, KURK.

Table with columns: HHC, HHC, HHC, XAN, XAN, ENH, ULN, ULN, ULN, ULN, ULN, ULN, LZH, LZH, LZH, GAT, GAT, BILL, BILL, BILL, CHTO, CHTO, CMAR, ZALV, ZALV, MK31, MKAR, MKAR, MKAR, MKAR, MKAR, ODAN, JIRN, RAMN, GUN, KKN, GKN, BVAR, ARU, ARU, ARU, ARU, ABKAR, WRA, ARCES, ASAR, FINES, AKAS, NB2, NOA, CLLL.

CSEM 10 18:25:17.5, 0.4, 33.21N; 34.71E, h26km, ML3.2, Error ellipse: s-maj=9.6km s-min=2.9km az=102.0, GRAL 10 18:25:18.7, 0.3, 33.26N; 34.70E, h22km, MD3.2, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like MATL, MATL, RCY, RCH, RCH, BHL, BHL, HWQ, HWQ, MAN, GSPH, GSPH, KCP, CTBH, CTBH, BAGP, BAGP, KCP, CTBH, BHL, HWQ, HWQ.

MAN 10 18:25:15.6, 41N; 124.60E, h10km, mb4.9, ML3.8, MS3.8, 1C-2D, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like GSPH, GSPH, KCP, CTBH, CTBH, BAGP, BAGP, KCP, CTBH, BHL, HWQ, HWQ.

IDC 10 18:56:03.7, 0.9, 1.48N; 128.57E, h0km, mb3.8/7, mb1 3.9/7, mb1mx3.8/18, mbtmp3.8/7, Error ellipse: s-maj=68.2km s-min=16.7km az=73.0, NEIC 10 18:56:05.7, 0.6, 1.47N; 128.53E, h15km, mb4.5/11, Error ellipse: s-maj=42.8km s-min=10.4km az=71.0, ISCJB 10 18:56:06.5, 0.6, 1.5N; 1.1, 128.6E; 0.3, h33km, mb4.1/10, Error ellipse: s-maj=43.4km s-min=10.5km az=161.0, ISC 10 18:56:08.7, 0.6, 1.4N; 0.1, 128.5E; 0.3, h35km, n14, az=113.15, mb4.1/10, Halmahera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like WRAB, WRA, ASAJ, ASAJ, STKA, STKA, MJAR, MJAR, HHC, HHC, HHC, LSA, SONM, MK31, MKAR, ZALV, KURK.

comp=Z,3.0nm,0.8s,mb4.4
BVAR Borovoye Array 70.23 327 P 19 07 18.3 +0.2

IDC 10 19:05:42.9,0.9,16.13N,122.47E,h0km,mb3.8/8,
mb1.4/0.8,mb1mx3.7/23,mbtmp3.8/8, Error ellipse:
s-maj=65.2km s-min=16.2km az=73.0

MAN 10 19:05:46.16,23N,122.58E,h19km,mb5.1,ML4.1,MS4.3
NEIC 10 19:05:47.4,0.8,16.26N,122.81E,h35km,mb4.3/1, Error
ellipse: s-maj=27.4km s-min=11.8km az=79.0

ISC 10 19:05:44.7,1.1,16.23N,122.59E,0.06,h8km,7km,
n29,c119/32,mb3.9/3,C, Luzon

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like PALAN, CAUP, BALP, PCPH, etc.

MEX 10 19:19:01.7,1.3,17.11N,100.29W,h5km,MD3.6,
Guerrero

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

ISCJB 10 19:21:32.3,2.9,11.0S,0.1,166.4E,0.2,h192km,24km,
mb3.9/13, Error ellipse: s-maj=30.1km s-min=20.7km
az=173.4

IDC 10 19:21:32.6,3.9,10.95S,166.46E,h179km,33km,
mb3.8/11,mb1.3/9.12,mb1mx3.7/20,mbtmp3.8/12,MS2.7/1,
MS1.2/7.1,ms1mx2.3/22, Error ellipse: s-maj=27.0km
s-min=17.3km az=87.0

NEIC 10 19:21:33.5,2.2,10.97S,166.40E,h186km,17km,mb4.0/2,
Error ellipse: s-maj=20.7km s-min=15.0km az=85.0

ISC 10 19:21:33.4,2.9,11.0S,0.1,166.4E,0.2,h85km,23km,
n17,c064/17,mb4.0/13,Santa Cruz Islands

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

NIED 10 19:21:00.32,20N,132.00E,h2km,Mw4.0, Best double
couple: M9.810000,1014 NPI3=312.00000, B87.00000,
1.13.00000, NP2=69.49.00000, 823.00000, 7.000000.

IDC 10 19:21:51.1,0.9,32.21N,131.92E,h0km,mb3.6/7,
mb1.3/7.11,mb1mx3.6/29,mbtmp3.6/11,ML3.3/4,MS2.8/2,
Ms1.2.8/2,ms1mx2.3/30, Error ellipse: s-maj=24.9km
s-min=17.8km az=62.0

ISCJB 10 19:21:56.1,0.5,32.20N,132.02E,0.05,h35km,5km,
mb3.6/7, Error ellipse: s-maj=8.1km s-min=5.4km
az=143.3

JMA 10 19:21:56.8,0.1,32.16N,132.02E,h30km,20km, M4.1
Broadband fault plane solution: P waves. NP2:
phi=333.00000, lambda=61.00000, NP1:
phi=143.00000, lambda=97.00000, lambda=97.00000. Principal axes:
T P1g32.00000, Azm239.00000, N P1g7.00000, Azm145.00000,
P1g57.00000, Azm44.00000.

JMA Felt J1.
NEIC 10 19:21:56.8,32.16N,132.02E,h30km,MG4.1(JMA),After
JMA.

NEIC Recorded [1 JMA] in Miyazaki and Oita.
ISC 10 19:21:56.7,0.8,32.17N,132.01E,0.04,h33km,5km,
n24,c107/31,mb3.6/7,5C-2D,Shikoku

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like JTSN, JKIT, JTK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like JNAR, JUSU, JTO, etc.

IDC 10 19:22:23.7,6.6,36.45N,71.15E,h187km,57km,mb3.3/5,
mb1.3/3.11,mb1mx3.1/28,mbtmp3.2/11, Error ellipse:
s-maj=54.9km s-min=19.4km az=38.0

ISCJB 10 19:22:25.0,0.4,36.63N,71.03E,0.07,h215km,5km,
mb3.4/5, Error ellipse: s-maj=3.6km s-min=4.0km az=0.5

NEIC 19 22:25.7,0.7,36.63N,71.23E,h211km,7km,mb3.2/5,
Error ellipse: s-maj=10.9km s-min=9.0km az=100.0

ISC 10 19:22:26.0,0.4,36.64N,71.03E,0.07,h205km,5km,
n43,c115/51,mb3.4/5,1D,Afghanistan-Tajikistan
border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KBL, CEP, KSH, etc.

EKS2 Erkin-Say 6.37 18 P Pn 19 23 59.4 +0.8

AAK Ala-Archa 6.55 23 P Pn 19 24 01.1 +0.3

AAK Ala-Archa 6.55 23 P Pn 19 24 01.1 +0.3

AAK Ala-Archa 6.55 23 P Pn 19 24 01.1 +0.3

ULHL Ushar-Tau 6.89 34 P Pn 19 24 06.2 +0.9

CHMS Chumysh 6.96 23 P Pn 19 24 07.5 +1.3

SDNR Sundarnagar 7.10 135 ePKP Pn 19 24 05.5 +2.7

USP Oshpovnka 7.13 21 P Pn 19 24 09.2 +0.8

TKM2 Tokmak 2 7.18 28 P Pn 19 24 10.1 +1.0

TKM2 Tokmak 2 7.18 28 ePn Pn 19 24 09.8 +0.7

MKAR Makanchi Array 13.15 36 P Pn 19 25 25.2 +0.5

MKAR Makanchi Array 13.15 36 P Pn 19 25 25.2 +0.5

GKN Gorkha 14.35 123 eP Pn 19 25 40.7 +0.1

DMN Daman 14.92 123 eP Pn 19 25 47.5 -0.1

KKN Kakani 14.92 122 eP Pn 19 25 47.2 -0.4

ABKAR Abkulaq Array 14.98 331 ePn Pn 19 25 48.8 +0.7

KURK Kurchatov 15.09 19 P Pn 19 25 47.1 -2.3

JIRN Jirgatal 15.63 121 eP Pn 19 25 56.8 +0.6

RAMN Ramite 16.36 122 eP Pn 19 26 04.5 +0.4

BVAR Borovoye Array 16.39 359 P Pn 19 26 04.8 +0.6

AKTK Aktyubinsk 16.68 330 P Pn 19 26 06.9 -0.4

AKTO Aktyubinsk 16.68 330 P Pn 19 26 06.9 -0.4

TAPN Tappeleyn 16.88 119 eP Pn 19 26 12.3 +2.5

ODAN Odare 16.96 120 P Pn 19 26 11.1 +0.4

LSA Lhasa 18.18 107 Pn Pn 19 26 22.0 -4.4

ZALV Zalesovo Beam 19.77 25 P Pn 19 26 41.0 +0.2

FINES FINESS Array B 37.39 326 P Pn 19 29 18.8 +0.5

FINES FINESS Array B 37.39 326 P Pn 19 29 18.8 +0.5

ARCES ARCESS Array B 41.03 338 P Pn 19 29 50.2 +0.9

ARCES ARCESS Array B 41.03 338 P Pn 19 29 50.2 +0.9

NOA NORPAR Array B 44.29 323 P Pn 19 30 15.4 -0.2

WRA Warramunga Arr 82.03 122 P Pn 19 34 22.0 -1.9

WRA Warramunga Arr 82.03 122 P Pn 19 34 22.0 -1.9

ASAR Alice Springs 84.30 125 P Pn 19 34 33.8 -1.7

ASAR Alice Springs 84.30 125 P Pn 19 34 33.8 -1.7

ISCJB 10 19:24:49.6,3.1,16.8S,0.5,174.3W,0.3,h159km,22km,
mb3.4/5, Error ellipse: s-maj=90.7km s-min=23.5km
az=146.0

IDC 10 19:24:49.9,3.7,17.14S,174.11W,h157km,27km,mb3.3/5,
mb1.3/6.6,mb1mx3.4/18,mbtmp3.4/6, Error ellipse:
s-maj=83.3km s-min=19.3km az=148.0

NEIC 19 24:49.7,2.5,17.14S,174.12W,h156km,17km, Error
ellipse: s-maj=66.6km s-min=16.9km az=148.0

ISC 10 19:24:50.4,3.1,16.8S,0.5,174.3W,0.3,h153km,21km,n9,
c087/9,mb3.4/5,Tonga Islands

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

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

ISCJB 10 19:34:12.9,0.7,37.32N,0.03,22.96E,0.04,h7km,6km,
Error ellipse: s-maj=5.5km s-min=4.0km az=42.0

CSEM 10 19:34:12.9,0.2,37.32N,22.98E,h15km,MD2.9, Error
ellipse: s-maj=3.6km s-min=2.7km az=120.0

ATH 10 19:34:13.1,37.33N,22.96E,h7km,5km,MD2.9/9
THE 10 19:34:13.4,37.33N,22.94E,h9km,2km,ML3.0/3, Error
ellipse: s-maj=2.1km s-min=0.4km az=147.0

ISC 10 19:34:13.1,0.6,37.32N,0.03,22.97E,0.04,h14km,5km,
n28,c065/49,1C,Southern Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like DID, VLA, VLX, etc.

IDC 10 19:36:01.9,0.8,32.26N,104.12E,h0km,mb3.9/12,
mb1.3/9.14,mb1mx3.8/27,mbtmp3.8/14,ML3.7/2,MS3.1/1,
MS1.3/1.1,ms1mx2.3/39, Error ellipse: s-maj=33.4km
s-min=15.6km az=54.0

BUI 10 19:36:02.2,31.97N,104.41E,h17km,mb4.5/1,mb4.2/3,
ML3.8/16,MS3.6/9,MS7.3/10

NEIC 10 19:36:02.9,4.3,32.19N,104.17E,h8km,29km,mb4.0/2,
Error ellipse: s-maj=13.1km s-min=8.4km az=70.0

ISC 10 19:36:03.1,0.9,32.21N,104.03,104.18E,0.04,h10km,6km,
n41,c192/51,mb4.0/14,1D,Sichuan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like CD2, LZH, etc.

ENH Enshi 4.91 111 ePn Pn 19 37 16.4 -0.5

KMI Kunming 7.08 191 Sn Sn 19 39 03.6 -3.5

KMI Kunming 7.08 191 Sn Sn 19 39 03.6 -3.5

KMI Kunming 7.08 191 Sn Sn 19 39 03.6 -3.5

GTA Gaotai 8.10 335 eP Pn 19 38 06.3 +5.6

GTA Gaotai 8.10 335 eP Pn 19 38 06.3 +5.6

GTA Gaotai 8.10 335 eP Pn 19 38 06.3 +5.6

WHN Wuhan 8.84 98 P Pn 19 39 07.7 -1.2

WHN Wuhan 8.84 98 P Pn 19 39 07.7 -1.2

WHN Wuhan 8.84 98 P Pn 19 39 07.7 -1.2

HHC Hu-ho-hao-te 10.55 32 eP Pn 19 38 37.3 +3.0

HHC Hu-ho-hao-te 10.55 32 eP Pn 19 38 37.3 +3.0

HHC Hu-ho-hao-te 10.55 32 eP Pn 19 38 37.3 +3.0

NEIC 10 23:12:37.7, 1.6:84N-94.65W, h100km, MD3.9(MEX), After MEX. MEX 10 23:12:37.7-1.6, 1.6:84N-94.65W, h100km, 38km, MD3.9, Oaxaca

IDC 10 23:17:21.3-1.8, 8:23S-125:00E, h0km, mb3.3/1, mb1 3.5/4, mb1mx3.3/19, mbtmp3.3/4, ML3.0/3, Error ellipse: s-maj=108.2km s-min=27.1km az=67.0

NEIC 10 23:17:26.2, 0.5:8:08S-125:35E, h35km, mb4.2/2, Error ellipse: s-maj=27.1km s-min=7.6km az=58.0

ISC 10 23:17:30.6-3.7, 8:50E-125:2E.0, h83km, 40km, n11, r123/15, mb3.7/3, Timor region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

SKHL 10 23:22:32.3-1.1, 0.5:17N-122:83E, h22km, 2km, mb3.7/5, Southeastern Siberia

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

ISCJB 10 23:05:19.8-2.3, 7:8N, 0.1x126:84E-0.08, h3km, 14km, mb3.6/3, Error ellipse: s-maj=17.9km s-min=13.4km az=169.8

IDC 10 23:05:21.9-1.3, 7:67N-126:76E, h0km, mb3.6/3, mb1 3.7/3, mb1mx3.4/21, mbtmp3.6/3, MS2.5/1, Ms1 2.5/1, ms1mx2.4/28, Error ellipse: s-maj=24.5km s-min=16.9km az=139.0

ISC 10 23:05:22.3-2.6, 7.8N, 0.1x126:75E-0.09, h6km, 16km, n8, r107/9, mb3.6/3, Mindanao

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

SKHL 10 23:28:44.2-1.0, 0.5:16N-123:80E, h10km, 2km, mb4.5/6, IC-2D, Southeastern Siberia

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

IDC 10 23:34:44.9-4.7, 37:10N-71:63E, h106km, 63km, mb3.7/1, mb1 3.4/5, mb1mx3.1/26, mbtmp3.3/5, Error ellipse: s-maj=86.4km s-min=53.0km az=153.0

ISCJB 10 23:34:47.0-7.3, 37:37N-0:05:71.3E, 0.1, h96km, 12km, Error ellipse: s-maj=15.1km s-min=5.9km az=28.6

NEIC 10 23:34:48.7-0.8, 37:41N-71:22E, h78km, 12km, mb3.3/2, Error ellipse: s-maj=12.6km s-min=8.2km az=121.0

ISC 10 23:34:49.0-0.7, 37:37N-0:05:71.3E, 0.1, h91km, 13km, n23, r115/32, IC-1D, Afghanistan-Tajikistan border

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

BR131 Keskin Array S 29.39 286 P P 23 40 44.0 -0.6
CM31 Chiang Mai Arr 30.69 120 eP P 23 40 57.2 +2.1
ARCES ARCES Array B 40.43 337 P P 23 42 14.6 -3.2

IDC 10 23:43:19.4-3.9, 19:66S-176:51W, h0km, mb4.2/5, mb1 4.4/5, mb1mx4.0/18, mbtmp4.2/5, Error ellipse: s-maj=145.8km s-min=57.1km az=146.0, Fiji Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

IDC 10 23:46:36.9-57.0, 17:45S-174:91W, h0km, mb4.2/3, mb1 4.4/3, mb1mx3.9/16, mbtmp4.2/3, Error ellipse: s-maj=1068.0km s-min=170.6km az=80.0, Tonga Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

IDC 10 23:50:09.3-1.0, 30:09S-177:80W, h0km, mb4.5/7, mb1 4.6/9, mb1mx4.4/19, mbtmp4.5/9, ML4.3/1, MS3.6/2, Ms1 3.6/2, ms1mx2.8/22, Error ellipse: s-maj=32.5km s-min=18.5km az=132.0

ISCJB 10 23:50:13.8-0.7, 31:00S-105:178:1W, 0.1, h33km, mb4.4/11, MS3.5/2, Error ellipse: s-maj=16.9km s-min=6.5km az=12.9

NEIC 10 23:50:13.1-3.2, 30:91S-177:85W, h23km, 21km, mb4.5/7, Error ellipse: s-maj=16.3km s-min=10.4km az=109.0

ISC 10 23:50:15.6-0.7, 30:93S-105:178:0W, 0.1, h35km, n54, r099/38, mb4.5/11, MS3.5/2, IC, Kermadec Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: BEST, Besiri, 1.78 176 eP, Pn, 01 15 46.0 +2.6, Sn, 01 16 11.0 +4.8

NEIC 11 01:57:11.7, 17:09N:95:39W, h113km, MD3.9(MEX), After MEX.

MEX 11 01:57:11.7±1.0, 17:09N:95:39W, h113km±8km, MD3.9, Oaxaca

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, ISC h m s, ISC I

IDC 11 02:03:42.5±0.5, 35:42N:69:61E, h0km, mb4.8/21, mb1 4.9/26, mb1mx4.8/29, mbtmp4.8/26, ML4.2/5, MS3.8/22, Ms1 3.8/22, ms1mx3.6/35, Error ellipse: s-maj=12.0km

ISCJB 11 02:03:44.7±0.7, 35:38N:0:02:69:59E±0:02, h24km±5km, mb4.9/177, MS3.9/54, Error ellipse: s-maj=3.4km

GCMT 11 02:03:45.7±0.4, 35:46N:69:41E, h22km, 1km, MW4.8, Moment Tensor Solution, e27 c35; s55 c85; Moment tensor: Scale 10^19Nm, Mr1 1.4±.12; Mw0.49±.09;

Mos-1.90±.08; Mw0.04±.18; Mw0-0.50±.06; Mw0.10±.12; Best double couple: M1:7.0000±1.016 NP1:90.000000°, δ43.00000°, λ88.00000°. NP2:90±13.00000°, δ47.00000°, λ92.00000°. Principal axes: T 1.4100, Plg198.00000°, Azm321.00000°; N 0.5900, Plg1.00000°, Azm191.00000°; P -2.0000, Plg2.00000°, Azm101.00000°; Data Used: IC II IU CN G.

MOS 11 02:03:45.8±1.0, 35:38N:69:62E, h33km, mb5.1/84 Error ellipse: s-maj=5.7km s-min=3.6km az=125.6

NMC 11 02:03:47.9±5.3, 35:05N:68:55E, h82km, 7km, mb5.1, mpv5.0, Error ellipse: s-maj=45.1km s-min=34.0km az=79.0

NEIC 11 02:03:47.5±1.8, 35:40N:69:58E, h32km, 12km, mb5.0/105, Error ellipse: s-maj=5.8km s-min=3.9km az=188.0

NEIC Felt [I] at Bagrami. Also felt at Charikar and Kabul. BUI 11 02:03:47.1, 35:61N:69:42E, h45km, mb4.9/29, mb4.9/48, ML5.1/2, Ms4.5/45, Ms7.4/38

TEH 11 02:03:51.0, 35:92N:69:64E, h35km, SZGRF 11 02:03:51.1, 36:71N:69:51E, h33km, mb4.6, Hindu Kush, Afghanistan, region

ISC 11 02:03:48.7±0.3, 35:39N:0:02:69:59E±0:02, h47km, 2km, h42km±3.2km±P, P m57.9, r1513/618, mb4.9/177, MS3.9/54, 49C-24D, Hindu Kush region

Main table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, ISC h m s, ISC I

Main table with columns: DDI, Dehra Dun, 8.73 123 ePKP, Pn, 02 05 52.0 -0.5, x, 02 08 37.0

Main table with columns: BRVK, Borovoye, 17.67 1 Pn, Pn, 02 07 47.3 -4.3, comp=Z,466nm,1.2s,SNR=18

Table with columns: EVO, Evora, 60.31 298 eP, P, 02 13 52.7 -0.6, etc. Lists various stations and their parameters.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like SOH, SOK, SOK, SOH, KAVA, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like BTRR, Keskin Array B, NIED, etc.

CSEM 11 02:06:28.4-0.2, 41.37N:23.58E, h15km, ML2.5/7, Error ellipse: s-maj=3.5km s-min=3.0km az=90.0

IDC 11 02:37:36.3-3.2, 14.58S:174.06W, h0km, mb3.8/4, s-maj=22.7km s-min=27.0km az=150.0, Samoa Islands region

ISCBJ 11 03:07:49.0-0.4, 25.15N:122.27E, h31km, 12cm, mb4.8/48, ML5.1(TAP), Error ellipse: s-maj=6.0km s-min=5.3km az=88.0

Table with columns for station call signs (e.g., CHN8, CHN3, SCLT), frequencies, and other technical details. Includes sub-headers like 'baz=229', 'baz=233', etc.

Table with columns for station call signs (e.g., KMI, MAJO, MAJ), frequencies, and other technical details. Includes sub-headers like 'S', 'Sn', 'SS', etc.

Table with columns for station call signs (e.g., YSS, SHL, LSA, LSA, LSA), frequencies, and other technical details. Includes sub-headers like 'MLR', 'MLR', 'MLR', etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for various radio stations.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for various radio stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and Time/Res for various radio stations.

MAN 11 03:30:35,649N,124:45E,h1km,mb4.6,ML3.5,MS3.4, 2D,Mindanao

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and Time/Res for various radio stations.

ISCJB 11 03:45:09.0,1.7,6.40N,0.04x124.41E=0.06,h13km,11km, mb4.0/16,MS3.3/5,Error ellipse: s-maj=9.8km s-min=7.3km az=178.1

IDC 11 03:45:08.7,0.7,6.44N,124:52E,h0km,mb4.0/9, mb1.4/19,mb1mx3.9/21,mbtmp4.0/9,MS3.4/6,M1 3.4/6, ms1mx3.0/25,Error ellipse: s-maj=15.7km s-min=13.1km az=32.0

NEIC 11 03:45:15.6,2.2,6.55N,124:82E,h54km,23km,mb4.4/7, Error ellipse: s-maj=31.9km s-min=17.6km az=73.0

ISC 11 03:45:10.0,1.4,6.42N,0.05x124:38E=0.06,h6km,q6km, n30,+s101/27,mb4.0/16,MS3.3/5,2C-3D,Mindanao

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and Time/Res for various radio stations.

11d 6h

Table with columns: MAJO, Matsuhiro, 54.11, 30, eP, P, 07 00 59.8 -2.8, etc. Lists various stations and their frequencies.

2008 JUL

Table with columns: TKM2, Tokmak 2, 59.82, 333, PFAKE, LR, 07 02 00.0 +17, etc. Lists various stations and their frequencies.

472

Table with columns: NVS, Novosibirsk, 67.33, 345, eP, P, 07 02 32.8 +0.5, etc. Lists various stations and their frequencies.

| | | | | | | | |
|-------|--------------------------|--------------------------|--------|--------|--------|-----------------|-----------------|
| D08A | Wollman Farm, baz=126 | 125.73 | 38 | ↑P | PKPdf | 07 10 39.9 +0.8 | |
| H20WA | Water Dider Farm, El | 125.74 | 39 | P | PKPdf | 07 10 40.5 +1.4 | |
| EDC | WDC | 125.92 | 38 | ↑P | PKPdf | 07 10 40.7 +1.3 | |
| W03A | Whiskeytown Da | 126.01 | 46 | PFAKE | LR | 07 10 50.0 +1.0 | |
| WDC | comp=Z,204nm,21.0s,MS4.8 | | | | | | |
| NEW | Newport | 126.20 | 36 | ePKIKP | PKPdf | 07 10 40.6 +0.7 | |
| K05A | Summer Lake | 126.36 | 43 | ↑P | PKPdf | 07 10 41.6 +1.2 | |
| E09A | Wood Farm, Sta | 126.46 | 38 | ↑P | PKPdf | 07 10 41.5 +1.0 | |
| G08A | Pilot Rock | 126.53 | 40 | ↑P | PKPdf | 07 10 41.6 +1.0 | |
| LTIM | Timbered Crate | 126.54 | 45 | P | PKPdf | 07 10 42.2 +1.4 | |
| A12A | Yaak River Ran | 126.68 | 34 | ↑P | PKPdf | 07 10 41.7 +0.9 | |
| I07A | Izee | 126.71 | 41 | ↑P | PKPdf | 07 10 42.3 +1.3 | |
| C11A | Tepee Creek (N | 126.92 | 36 | ↑P | PKPdf | 07 10 41.8 +0.5 | |
| MOD | Modoc | 127.08 | 44 | PFAKE | LR | 07 10 50.0 +8.2 | |
| MOD | comp=Z,153nm,20.0s,MS4.7 | | | | | | |
| G09A | Cove | 127.27 | 39 | ↑P | PKPdf | 07 10 42.4 +0.3 | |
| F10A | Beach Ranch, E | 127.28 | 38 | ↑P | PKPdf | 07 10 42.5 +0.5 | |
| A13A | Flathead Natio | 127.37 | 34 | ↑P | PKPdf | 07 10 43.1 +1.0 | |
| C12A | Naegeli Ranch, | 127.44 | 36 | ↑P | PKPdf | 07 10 43.0 +0.7 | |
| WALB | Waterton Lakes | 127.57 | 33 | ePKPdf | PKPdf | 07 10 43.0 +0.5 | |
| H09A | Durkee | 127.63 | 40 | ↑P | PKPdf | 07 10 43.4 +0.6 | |
| G10A | Whitefish | 127.65 | 34 | ↑P | PKPdf | 07 10 43.1 +0.5 | |
| B13A | Bishop Farm, J | 127.67 | 39 | ↑P | PKPdf | 07 10 43.3 +0.5 | |
| J08A | Circle Bar Ran | 127.70 | 42 | ↑P | PKPdf | 07 10 43.9 +1.0 | |
| BSMT | Bassoo Peak | 127.75 | 35 | P | PKPdf | 07 10 43.7 +0.8 | |
| BMO | Blue Mountains | 127.79 | 39 | PFAKE | LR | 07 10 50.0 +7.0 | |
| BMO | comp=Z,154nm,22.0s,MS4.6 | | | | | | |
| D12A | Red Ives Fores | 127.85 | 36 | ↑P | PKPdf | 07 10 43.0 -0.1 | |
| A14A | Double T Ranch | 127.88 | 33 | ↑P | PKPdf | 07 10 43.5 +0.4 | |
| I09A | Lost Marbles R | 127.90 | 41 | ↑P | PKPdf | 07 10 44.1 +0.8 | |
| F11A | Grangeville | 127.97 | 38 | ↑P | PKPdf | 07 10 43.9 +0.5 | |
| WVOR | Wild Horse Val | 127.99 | 43 | PFAKE | LR | 07 11 00.0 +1.6 | |
| WVOR | comp=Z,162nm,20.0s,MS4.7 | | | | | | |
| E12A | Beaver Dam Sad | 128.06 | 37 | ↑P | PKPdf | 07 10 44.2 +0.7 | |
| G11A | Walters Elk Ra | 128.15 | 38 | ↑P | PKPdf | 07 10 43.9 +0.2 | |
| A15A | Johnson Ranch, | 128.25 | 33 | ↑P | PKPdf | 07 10 43.5 -0.3 | |
| B14A | Marquette Ranc | 128.31 | 34 | ↑P | PKPdf | 07 10 44.5 +0.6 | |
| D13A | Huson | 128.35 | 36 | ↑P | PKPdf | 07 10 44.0 0.0 | |
| C14A | Swan Lake | 128.38 | 35 | ↑P | PKPdf | 07 10 44.8 +0.7 | |
| SWMT | Swartz Lake | 128.38 | 35 | ePKPdf | PKPdf | 07 10 44.5 +0.4 | |
| I10A | Payette | 128.45 | 40 | ↑P | PKPdf | 07 10 45.6 +1.2 | |
| CMB | Columbia Colle | 128.47 | 49 | ePKIKP | MLR | 07 10 45.2 +0.6 | |
| WCN | comp=Z,178nm,20.0s,MS4.8 | | | | | | |
| WCN | Washoe City | 128.47 | 47 | ↑P | PKPdf | 07 10 45.7 +1.2 | |
| F12A | Elk City | 128.58 | 38 | ↑P | PKPdf | 07 10 45.4 +0.8 | |
| H11A | Donnelly | 128.65 | 39 | ↑P | PKPdf | 07 10 45.3 +0.6 | |
| B15A | Bradley Ranch, | 128.74 | 34 | ↑P | PKPdf | 07 10 44.7 0.0 | |
| J10A | Gerg Farm, Mel | 128.78 | 41 | ↑P | PKPdf | 07 10 46.3 +1.3 | |
| M50 | Missoula | 128.79 | 36 | ePKPdf | LR | 07 10 45.5 +0.6 | |
| M50 | comp=Z,96nm,19.0s,MS4.5 | | | | | | |
| D14A | Greenough | 128.90 | 35 | ↑P | PKPdf | 07 10 45.0 -0.1 | |
| K10A | MacKenzie Ranc | 129.01 | 42 | ↑P | PKPdf | 07 10 45.7 +0.3 | |
| C15A | Salmond Ranch, | 129.01 | 34 | ↑P | PKPdf | 07 10 45.8 +0.5 | |
| I11A | Placerville | 129.07 | 40 | ↑P | PKPdf | 07 10 46.4 +0.9 | |
| F13A | Darby | 129.12 | 37 | ↑P | PKPdf | 07 10 45.6 +0.1 | |
| CHMT | Chamberlain Mo | 129.14 | 35 | ePKPdf | PKPdf | 07 10 46.3 +0.8 | |
| FFC | Flin Flon | 129.17 | 22 | ePKIKP | MLR | 07 10 46.3 +0.8 | |
| FFC | comp=Z,230nm,19.0s,MS4.9 | | | | | | |
| E14A | Clinton | 129.27 | 36 | ↑P | PKPdf | 07 10 46.8 +1.0 | |
| MFID | Camas Ranch | 129.39 | 40 | ↑P | PKPdf | 07 10 47.2 +1.0 | |
| CMLA | Chia da Macela | 129.41 | 312 | eLR | LR | 07 52 17.8 | |
| H12A | Diamond D Ranch | 129.44 | 39 | ↑P | PKPdf | 07 10 47.0 +0.7 | |
| C16A | Fuhringer Ranc | 129.47 | 34 | ↑P | PKPdf | 07 10 46.1 0.0 | |
| D15A | Lincoln | 129.48 | 35 | ↑P | PKPdf | 07 10 46.6 +0.4 | |
| G13A | Cobalt | 129.54 | 38 | ↑P | PKPdf | 07 10 47.2 +0.8 | |
| K11A | Parker Ranch, | 129.56 | 41 | ↑P | PKPdf | 07 10 47.7 +1.2 | |
| L10A | Juniper Basin | 129.59 | 42 | ↑P | PKPdf | 07 10 47.4 +0.8 | |
| I12A | Atlanta | 129.65 | 40 | ↑P | PKPdf | 07 10 47.8 +1.2 | |
| F14A | Wisdom | 129.67 | 37 | ↑P | PKPdf | 07 10 47.8 +1.2 | |
| B17A | L&G Farms, Che | 129.69 | 33 | ↑P | PKPdf | 07 10 46.7 +0.1 | |
| E15A | Deer Lodge | 129.76 | 36 | ↑P | PKPdf | 07 10 47.2 +0.4 | |
| M10A | LL Ranch, Tu | 129.80 | 43 | ↑P | PKPdf | 07 10 48.1 +1.1 | |
| H13A | Challis | 129.80 | 38 | ↑P | PKPdf | 07 10 47.8 +0.9 | |
| A18A | Metzger Ranch, | 129.80 | 31 | ↑P | PKPdf | 07 10 46.9 +0.1 | |
| BMN | Battle Mountai | 129.81 | 44 | PFAKE | LR | 07 11 00.0 +1.3 | |
| BMN | comp=Z,149nm,21.0s,MS4.7 | | | | | | |
| NVAR | Mina Array Bea | 129.85 | 47 | P | PKPdf | 07 10 48.4 +1.2 | |
| PKM | Peak Mountain | 129.95 | 52 | ↑P | PKPdf | 07 10 49.2 +1.7 | |
| PLCA | Paso Flores | 129.96 | 32 | PKP | PKPdf | 07 10 48.5 +1.1 | |
| D16A | Dana Ranch, Ca | 130.03 | 34 | ↑P | PKPdf | 07 10 47.9 +0.7 | |
| B18A | Beardsley Farm | 130.17 | 32 | ↑P | PKPdf | 07 10 48.2 +0.7 | |
| F15A | Butte | 130.17 | 36 | ↑P | PKPdf | 07 10 48.0 +0.4 | |
| LRM | Limekiln Ridge | 130.21 | 36 | ePKPdf | PKPdf | 07 10 49.8 +2.2 | |
| LRM | Hayley | 130.21 | 40 | ↑P | PKPdf | 07 10 49.1 +1.3 | |
| LRM | Hayley | 130.21 | 40 | ePKPdf | PKPdf | 07 10 49.1 +1.4 | |
| HLID | Wildhorse Cree | 130.22 | 39 | ↑P | PKPdf | 07 10 49.0 +1.2 | |
| H14A | Leadore | 130.32 | 38 | ↑P | PKPdf | 07 10 49.2 +1.3 | |
| M11A | Holland Ranch, | 130.34 | 43 | ↑P | PKPdf | 07 10 49.9 +1.9 | |
| K12A | Draper Farm, C | 130.36 | 41 | ↑P | PKPdf | 07 10 49.1 +1.1 | |
| DLMT | Dillon | 130.37 | 37 | ePKPdf | PKPdf | 07 10 49.4 +1.4 | |
| DLMT | Santa Cruz Isl | 130.38 | 53 | ↑P | PKPdf | 07 10 49.6 +1.3 | |
| B5C | EGMT | Eagleton | 130.41 | 32 | ↑P | PKPdf | 07 10 48.5 +0.5 |
| B5C | EGMT | Eagleton | 130.41 | 32 | ePKPdf | PKPdf | 07 10 48.6 +0.7 |
| B5C | EGMT | Six Diamond Ra | 130.44 | 34 | ↑P | PKPdf | 07 10 48.5 +0.4 |
| B5C | J13A | Cove Ranch, Pi | 130.45 | 40 | ↑P | PKPdf | 07 10 49.5 +1.3 |
| B5C | L12A | House Creek Ra | 130.52 | 41 | ↑P | PKPdf | 07 10 49.9 +1.6 |
| B5C | G15A | Dillon | 130.55 | 37 | ↑P | PKPdf | 07 10 49.3 +1.0 |
| B5C | I14A | MacKay | 130.62 | 39 | ↑P | PKPdf | 07 10 49.4 +0.9 |
| B5C | ARVC | Arvin | 130.65 | 52 | ↑P | PKPdf | 07 10 49.9 +1.1 |
| B5C | N11A | Elko Archery C | 130.66 | 43 | ↑P | PKPdf | 07 10 49.7 +1.1 |
| B5C | P10A | Eureka | 130.68 | 45 | ↑P | PKPdf | 07 10 49.6 +0.9 |
| B5C | F16A | Kennard Place, | 130.70 | 36 | ↑P | PKPdf | 07 10 49.3 +0.8 |
| B5C | ISA | Isabella | 130.74 | 51 | ↑P | PKPdf | 07 10 49.8 +0.9 |
| B5C | E17A | Martinsdale | 130.75 | 35 | ↑P | PKPdf | 07 10 49.5 +0.8 |
| B5C | CWC | Cottonwood Cre | 130.76 | 50 | ↑P | PKPdf | 07 10 49.9 +0.9 |
| B5C | TPH | Toponah | 130.77 | 47 | PFAKE | LR | 07 11 00.0 +1.1 |
| B5C | TPH | comp=Z,175nm,20.0s,MS4.8 | | | | | |
| B5C | BOZ | Bozeman (W) | 130.78 | 36 | ↑P | PKPdf | 07 10 49.7 +1.0 |
| B5C | BOZ | Bozeman (W) | 130.78 | 36 | ePKIKP | MLR | 07 10 49.2 +0.5 |
| B5C | BOZ | comp=Z,205nm,19.0s,MS4.8 | | | | | |
| B5C | BOZ | Bozeman (W) | 130.78 | 36 | ePKPdf | PKPdf | 07 10 49.2 +0.5 |
| B5C | BOZ | Bozeman (W) | 130.78 | 36 | eSKPbc | PKPdf | 07 14 11.4 +1.8 |
| B5C | BLG | Laguna Peak | 130.79 | 53 | ↑P | PKPdf | 07 10 49.7 +0.6 |
| B5C | K13A | Stover Farm, H | 130.88 | 40 | ↑P | PKPdf | 07 10 50.6 +1.6 |
| B5C | J14A | Carey | 130.90 | 39 | ↑P | PKPdf | 07 10 50.4 +1.4 |
| B5C | G16A | Montell Hill, En | 130.91 | 36 | ↑P | PKPdf | 07 10 50.1 +1.1 |
| B5C | M12A | Wells | 130.92 | 42 | ↑P | PKPdf | 07 10 50.4 +1.2 |
| B5C | O11A | Cowboy Ranch, | 131.02 | 44 | ↑P | PKPdf | 07 10 50.6 +1.3 |
| B5C | ELK | Elko | 131.03 | 43 | PFAKE | LR | 07 11 00.0 +1.1 |
| B5C | ELK | comp=Z,167nm,19.0s,MS4.8 | | | | | |
| B5C | GRAC | Graspen Rang | 131.08 | 49 | ↑P | PKPdf | 07 10 50.8 +1.2 |
| B5C | N12A | Clover Valley, | 131.11 | 43 | ↑P | PKPdf | 07 10 50.8 +1.3 |
| B5C | N12A | Clover Valley, | 131.11 | 43 | ePKPdf | SKPbc | 07 10 51.0 +1.5 |
| B5C | O15A | Montevie | 131.18 | 38 | ↑P | PKPdf | 07 14 13.2 +2.2 |
| B5C | DAC | Darwin (Calif) | 131.19 | 50 | PFAKE | LR | 07 11 00.0 +1.0 |
| B5C | DAC | comp=Z,214nm,19.0s,MS4.9 | | | | | |
| B5C | F17A | Fitzpatrick PI | 131.19 | 35 | ↑P | PKPdf | 07 10 50.6 +1.1 |
| B5C | E18A | Harlowton | 131.21 | 34 | ↑P | PKPdf | 07 10 50.3 +0.8 |
| B5C | L13A | Double Diamond | 131.25 | 41 | ↑P | PKPdf | 07 10 51.5 +1.8 |
| B5C | S10A | Toponah Spec, | 131.29 | 47 | ↑P | PKPdf | 07 10 51.3 +1.4 |
| B5C | MPMC | Manual Prospe | 131.34 | 50 | ↑P | PKPdf | 07 10 51.3 +1.2 |
| B5C | EDW2 | Edwards Air Fo | 131.38 | 52 | ↑P | PKPdf | 07 10 51.6 +1.4 |
| B5C | M13A | Montello | 131.46 | 42 | ↑P | PKPdf | 07 10 51.4 +1.3 |
| B5C | G17A | Pierce Place, | 131.48 | 36 | ↑P | PKPdf | 07 10 51.3 +1.2 |
| B5C | K14A | Jones Ranch, D | 131.51 | 40 | ↑P | PKPdf | 07 10 51.7 +1.5 |
| B5C | J15A | Blackfoot | 131.53 | 39 | ↑P | PKPdf | 07 10 51.8 +1.6 |
| B5C | H16A | Russell Place, | 131.53 | 37 | ↑P | PKPdf | 07 10 51.6 +1.4 |
| B5C | CIS | Catalina Islan | 131.54 | 54 | ↑P | PKPdf | 07 10 51.4 +0.8 |
| B5C | MWC | Mount Wilson | 131.55 | 52 | ePKIKP | PKPdf | 07 10 50.3 -0.2 |
| B5C | O12A | Montello | 131.58 | 44 | ↑P | PKPdf | 07 10 51.7 +1.3 |
| B5C | G11A | Duckwater | 131.58 | 46 | ↑P | PKPdf | 07 10 51.8 +1.3 |
| B5C | F18A | Big Timber | 131.72 | 35 | ↑P | PKPdf | 07 10 51.4 +1.0 |
| B5C | YMR | Madison River | 131.72 | 37 | ePKPdf | PKPdf | 07 10 52.5 +2.0 |
| B5C | YMR | Malta | 131.73 | 41 | ↑P | PKPdf | 07 14 16.3 +3.2 |
| B5C | YMR | Malta | 131.73 | 41 | ↑P | PKPdf | 07 15 07.1 +1.1 |
| B5C | GCMT | Greycliff | 131.81 | 35 | ePKPdf | PKPdf | 07 10 51.9 +1.2 |
| B5C | GCMT | Greycliff | 131.81 | 35 | eSKPbc | PKPdf | 07 14 16.0 +2.5 |
| B5C | P12A | McGill | 131.83 | 45 | ↑P | PKPdf | 07 10 51.9 +0.9 |
| B5C | R11A | Troy Canyon, C | 131.84 | 46 | ↑P | | |

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|------|----------------|--------|-----|---------|----------------|
| P20A | De Beque | 136.19 | 41 | PKPdf | 07 11 00.1+1.1 |
| R19A | Curley Farm, L | 136.26 | 43 | PKPdf | 07 11 00.4+1.1 |
| O21A | Pagoda | 136.38 | 40 | PKPdf | 07 11 00.9+1.4 |
| T18A | Mexican Hat | 136.42 | 45 | PKPdf | 07 11 00.9+1.3 |
| PV04 | Paradox Valley | 136.43 | 43 | ePKPdf | 07 11 00.7+1.1 |
| 214A | Organ Pipe Nat | 136.47 | 53 | PKPdf | 07 11 01.4+1.5 |
| V17A | Tonale, Kykot | 136.48 | 47 | PKPdf | 07 11 01.3+1.5 |
| X16A | Lo Mia Camp, P | 136.54 | 49 | PKPdf | 07 11 01.8+1.9 |
| Q20A | Ridgely Place, | 136.55 | 42 | PKPdf | 07 11 01.0+1.2 |
| N22A | Wattenberg Ran | 136.67 | 38 | PKPdf | 07 11 01.6+1.7 |
| PV01 | Paradox Valley | 136.80 | 43 | ePKPdf | 07 11 01.6+1.4 |
| R20A | Redvale | 136.90 | 43 | PKPdf | 07 11 02.0+1.5 |
| PHWY | Pilot Hill | 136.97 | 37 | ePKPdf | 07 11 00.8+0.4 |
| O22A | Kremmling | 136.99 | 39 | PKPdf | 07 11 01.3+2.6 |
| X17A | Forest Lakes | 137.04 | 47 | PKPdf | 07 11 03.1+2.3 |
| V18A | Canada | 137.06 | 47 | PKPdf | 07 11 02.9+2.0 |
| Q21A | Lamborn Mesa, | 137.09 | 41 | PKPdf | 07 11 02.4+1.7 |
| S20A | Disappointment | 137.10 | 43 | PKPdf | 07 11 02.2+1.4 |
| T19A | Beclabito | 137.16 | 45 | PKPdf | 07 11 02.5+1.5 |
| SMCO | Snowmass | 137.28 | 41 | ePKPdf | 07 11 02.1+1.0 |
| SMCO | SMCO | 137.29 | 50 | PKPdf | 07 11 03.9+2.2 |
| Y17A | Roosevelt | 137.29 | 50 | PKPdf | 07 11 03.5+2.2 |
| U19A | Dine' College, | 137.30 | 46 | PKPdf | 07 11 02.7+1.5 |
| MVCO | Mesa Verde | 137.33 | 44 | PKPdf | 07 11 02.8+1.5 |
| MVCO | Mesa Verde | 137.33 | 44 | ePKPdf | 07 11 02.6+1.3 |
| R21A | Cimarron | 137.36 | 42 | PKPdf | 07 11 02.8+1.5 |
| W18A | Petrified Fore | 137.48 | 47 | PKPdf | 07 11 04.0+2.4 |
| Q22A | Crested Butte, | 137.50 | 41 | PKPdf | 07 11 02.9+1.4 |
| S21A | Coal Bank Pass | 137.57 | 43 | PKPdf | 07 11 03.6+1.9 |
| X18A | Snowflake | 137.59 | 48 | PKPdf | 07 11 04.3+2.4 |
| V19A | Window Rock | 137.69 | 46 | PKPdf | 07 11 04.2+2.2 |
| ISCO | Idaho Springs | 137.78 | 39 | ePKIKP | 07 11 02.6+0.6 |
| ISCO | Idaho Springs | 137.78 | 39 | MLR | |
| 117A | Oracle | 137.81 | 51 | PKPdf | 07 11 04.1+1.7 |
| Y18A | Canyon Day Jun | 137.87 | 49 | PKPdf | 07 11 03.9+1.5 |
| TUC | Tucson | 137.91 | 52 | ePKIKP | 07 11 05.0+2.5 |
| TUC | Tucson | 137.91 | 52 | MLR | |
| R22A | Saguache, Gunn | 137.92 | 42 | PKPdf | 07 11 04.3+1.9 |
| V20A | Brimhall | 138.06 | 46 | PKPdf | 07 11 04.0+1.4 |
| 217A | Green Valley | 138.10 | 52 | PKPdf | 07 11 04.2+1.3 |
| T21A | Navajo Lake | 138.10 | 44 | PKPdf | 07 11 04.1+1.4 |
| X19A | St. Johns | 138.12 | 48 | PKPdf | 07 11 04.2+1.4 |
| U21A | Nageezi | 138.31 | 44 | PKPdf | 07 11 04.6+1.4 |
| Y19A | Nutrosio | 138.37 | 49 | PKPdf | 07 11 05.2+1.9 |
| W20A | Ramah | 138.37 | 47 | PKPdf | 07 11 04.4+1.1 |
| EYMN | Ely | 138.46 | 19 | PFAKE | |
| EYMN | Ely | 138.46 | 19 | LR | |
| T22A | Edith | 138.52 | 43 | PKPdf | 07 11 04.9+1.4 |
| P25A | Willow Gulch B | 138.84 | 38 | PKPdf | 07 11 05.6+1.6 |
| SPB | Sao Paulo | 139.02 | 216 | PFAKE | |
| SPB | Sao Paulo | 139.02 | 216 | LR | |
| R24A | Sanders Place, | 139.02 | 40 | PKPdf | 07 11 06.0+1.6 |
| Y20A | Horse Springs, | 139.03 | 48 | PKPdf | 07 11 05.8+1.3 |
| SDCO | Great Sand Dun | 139.05 | 41 | ePKPdf | 07 11 05.0+0.5 |
| SDCO | Great Sand Dun | 139.05 | 41 | PKPdf | |
| V22A | San Miguel Ran | 139.09 | 45 | PKPdf | 07 11 06.8+2.2 |
| OGNE | Ogallala | 139.18 | 35 | PFAKE | |
| OGNE | Ogallala | 139.18 | 35 | LR | |
| X21A | Alamocita Cree | 139.21 | 47 | PKPdf | 07 11 06.5+1.7 |
| 219A | White Tail Can | 139.22 | 51 | PKPdf | 07 11 06.7+1.8 |
| Z20A | Nine Sixteen R | 139.24 | 49 | PKPdf | 07 11 06.9+2.0 |
| S24A | Houchin Ranch, | 139.29 | 41 | PKPdf | 07 11 06.8+2.0 |
| U23A | El Rito | 139.37 | 44 | PKPdf | 07 11 06.8+1.7 |
| 120A | U Bar Ranch, L | 139.46 | 50 | PKPdf | 07 11 07.2+1.9 |
| 319A | Douglas | 139.46 | 52 | PKPdf | 07 11 07.3+2.0 |
| Y21A | Point of Rocks | 139.50 | 48 | PKPdf | 07 11 07.6+2.2 |
| V23A | Ortiz Mt. (NFS | 139.69 | 44 | PKPdf | 07 11 06.8+1.2 |
| LAZ | Ladron | 139.70 | 47 | ePKPdf | 07 11 04.7-1.0 |
| S25A | Robets Cordova | 139.78 | 41 | PKPdf | 07 11 07.2+1.4 |
| ANMO | Albuquerque | 139.91 | 46 | ePKPpre | 07 10 58.2 |
| ANMO | Albuquerque | 139.91 | 46 | SKPdf | 07 11 09.0+2.9 |
| ANMO | Albuquerque | 139.91 | 46 | SKPdf | 07 14 41.6+3.8 |
| ANMO | Albuquerque | 139.91 | 46 | LR | |
| ECSD | EROS Data Cent | 139.94 | 28 | ePKPpre | 07 10 58.8 |
| ECSD | EROS Data Cent | 139.94 | 28 | PKPdf | 07 11 05.8-0.1 |
| ECSD | EROS Data Cent | 139.94 | 28 | PP | 07 14 05.7+4.0 |
| ECSD | EROS Data Cent | 139.94 | 28 | SKPdf | 07 14 39.2+1.6 |
| ECSD | EROS Data Cent | 139.94 | 28 | LR | |
| Y22A | Socorro | 140.05 | 47 | PKPdf | 07 11 07.9+1.6 |
| T25A | Trinidad | 140.10 | 41 | PKPdf | 07 11 07.8+1.4 |
| 121A | Cookes Peak, D | 140.11 | 50 | PKPdf | 07 11 08.0+1.5 |
| BNM | Barren Site | 140.19 | 47 | ePKPpre | 07 11 02.9 |
| V24A | Rampart Ranch, | 140.32 | 44 | PKPdf | 07 11 08.5+1.7 |
| Z22A | Elephant Butte | 140.38 | 48 | PKPdf | 07 11 08.5+1.5 |
| RCBR | Riachuelo | 140.57 | 249 | PFAKE | |
| RCBR | Riachuelo | 140.57 | 249 | LR | |
| V25A | Rancho No Teng | 140.71 | 43 | PKPdf | 07 11 08.6+1.1 |
| CPUP | Villa Florida | 141.46 | 202 | PKHkp | 07 11 01.7 |
| CPUP | Villa Florida | 141.46 | 202 | PKPdf | 07 11 08.0-1.2 |
| CPUP | Villa Florida | 141.46 | 202 | PP | 07 14 10.5-0.3 |
| CPUP | Villa Florida | 141.46 | 202 | PP | |
| CPUP | Villa Florida | 141.46 | 202 | PKPdf | 07 11 08.0-1.2 |
| CPUR | Villa Florida | 141.46 | 202 | PKPdf | 07 11 10.3+0.9 |
| LCO | Las Campanas | 141.64 | 182 | ePKPdf | 07 11 20.0+1.0 |
| CBKS | Cedar Bluff | 141.92 | 36 | PFAKE | |
| CBKS | Cedar Bluff | 141.92 | 36 | LR | |
| ANMO | Cornudas Mount | 142.30 | 49 | ePKPpre | 07 11 06.6 |

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|-------|----------------|--------|-----|--------|----------------|
| MNTX | MNTX | 142.81 | 48 | ePKPdf | 07 11 08.7-2.6 |
| MNTX | MNTX | 142.81 | 48 | LR | 07 11 09.1-2.2 |
| GDLE | Guadalupe Moun | 142.81 | 48 | ePKPdf | 07 11 08.7-2.6 |
| SCIA | State Center | 142.81 | 26 | ePKPdf | 07 11 09.1-2.2 |
| SCIA | State Center | 142.81 | 26 | LR | |
| CLNB | Carlsbad | 143.13 | 48 | ePKPdf | 07 11 10.2-1.8 |
| AMTX | Amarillo | 143.22 | 42 | ePKPdf | 07 11 10.6-1.4 |
| AMTX | Amarillo | 143.22 | 42 | LR | |
| JFWS | Jewell Farm | 143.26 | 22 | ePKIKP | 07 11 09.2-2.6 |
| JFWS | Jewell Farm | 143.26 | 22 | MLR | |
| KSU1 | Kansas State U | 143.45 | 32 | ePKPdf | 07 11 09.7-2.6 |
| KSU1 | Kansas State U | 143.45 | 32 | LR | |
| PKME | Peaks-Kenny Pk | 144.30 | 356 | ePKPdf | 07 11 11.7-1.8 |
| PKME | Peaks-Kenny Pk | 144.30 | 356 | LR | |
| TXAR | Lajitas Array | 144.71 | 52 | PKP | 07 11 14.6-0.2 |
| TXAR | Lajitas Array | 144.71 | 52 | PKPdf | |
| 428A | Kincaid Ranch, | 144.79 | 49 | PKP | 07 11 15.6+0.7 |
| 428A | Kincaid Ranch, | 144.79 | 49 | PKPdf | |
| 627A | Terlingua Ranc | 144.87 | 51 | PKP | 07 11 15.1 0.0 |
| 627A | Terlingua Ranc | 144.87 | 51 | PKPdf | |
| 528A | Cox Ranch, San | 144.99 | 50 | PKP | 07 11 15.8+0.5 |
| 528A | Cox Ranch, San | 144.99 | 50 | PKPdf | |
| LONY | Lake Ozonia | 145.00 | 3 | ePKPdf | 07 11 14.3-0.5 |
| LONY | Lake Ozonia | 145.00 | 3 | LR | |
| WMOK | Wichita Mounta | 145.19 | 40 | ePKIKP | 07 11 15.4 0.0 |
| WMOK | Wichita Mounta | 145.19 | 40 | MLR | |
| 628A | Black Gap, Mar | 145.24 | 51 | PKPbc | 07 11 16.6+1.2 |
| 628A | Black Gap, Mar | 145.24 | 51 | PKPdf | |
| LBNH | Lisbon | 145.43 | 359 | ePKIKP | 07 11 15.8+0.2 |
| LBNH | Lisbon | 145.43 | 359 | MLR | |
| HDIL | Hopedale | 145.65 | 23 | ePKPdf | 07 11 16.2+0.1 |
| HDIL | Hopedale | 145.65 | 23 | PKPdf | |
| NCB | Newcomb | 145.66 | 2 | ePKPdf | 07 11 15.9 0.0 |
| NCB | Newcomb | 145.66 | 2 | PKPdf | |
| AAM | Ann Arbor | 145.90 | 15 | ePKP2 | 07 11 17.2-0.3 |
| ERPA | Erie | 146.87 | 10 | ePKPbc | 07 11 20.2+0.3 |
| ERPA | Erie | 146.87 | 10 | PKPbc | |
| SLM | Saint Louis | 146.89 | 26 | ePKPdf | 07 11 18.6+0.4 |
| SLM | Saint Louis | 146.89 | 26 | PKPbc | 07 11 20.2+0.1 |
| CCM | Cathedral Cave | 146.92 | 28 | ePKIKP | 07 11 18.2-0.1 |
| CCM | Cathedral Cave | 146.92 | 28 | PKPdf | 07 11 20.4 |
| JCT | Junction City | 147.03 | 47 | ePKPdf | 07 11 19.3+0.6 |
| JCT | Junction City | 147.03 | 47 | PKPbc | 07 11 19.9+1.1 |
| BINY | Binghamton | 147.31 | 5 | ePKPdf | 07 11 21.4+0.6 |
| BINY | Binghamton | 147.31 | 5 | PKPdf | |
| FVM | French Village | 147.35 | 27 | ePKIKP | 07 11 19.0 0.0 |
| FVM | French Village | 147.35 | 27 | PKPdf | |
| OLNEY | Olney | 147.69 | 23 | ePKPdf | 07 11 21.1+0.5 |
| OLNEY | Olney | 147.69 | 23 | PKPbc | 07 11 23.9+0.4 |
| BLO | Bloomington | 147.89 | 21 | ePKIKP | 07 11 19.8-0.1 |
| BLO | Bloomington | 147.89 | 21 | PKPdf | 07 11 22.9 |
| ACSO | Alum Creek Sta | 148.01 | 15 | ePKPdf | 07 11 20.3+0.3 |
| ACSO | Alum Creek Sta | 148.01 | 15 | PKPbc | 07 11 23.3+0.1 |
| SIUC | Southern Illin | 148.10 | 26 | ePKIKP | 07 11 20.6+0.3 |
| SIUC | Southern Illin | 148.10 | 26 | PKPbc | 07 11 23.5 0.0 |
| MIAR | Mount Ida | 148.44 | 35 | ePKIKP | 07 11 21.6+0.7 |
| MIAR | Mount Ida | 148.44 | 35 | PKPdf | 07 11 24.6 |
| MIAR | Mount Ida | 148.44 | 35 | MLR | 07 11 28.5 |
| SSPA | Standing Stone | 148.65 | 8 | ePKPdf | 07 11 21.1+0.1 |
| SSPA | Standing Stone | 148.65 | 8 | PKPbc | 07 11 24.9+0.1 |
| PARMO | Parma | 148.74 | 28 | ePKPdf | 07 11 21.9+0.6 |
| PARMO | Parma | 148.74 | 28 | PKPbc | 07 11 25.5+0.3 |
| WCI | Wyandotte Cave | 148.81 | 21 | ePKIKP | 07 11 21.7+0.3 |
| WCI | Wyandotte Cave | 148.81 | 21 | MLR | 07 11 25.5 |
| UJALR | University of | 148.94 | 33 | ePKPbc | 07 11 25.8 0.0 |
| UJALR | University of | 148.94 | 33 | PKPbc | 07 11 27.0+0.7 |
| GNAR | Gosnell | 149.19 | 29 | ePKPbc | 07 11 27.3+0.9 |
| GNAR | Gosnell | 149.19 | 29 | PKPbc | 07 11 22.9+0.7 |
| HBAR | Harrisburg | 149.21 | 30 | ePKPbc | 07 11 27.0+0.5 |
| HBAR | Harrisburg | 149.21 | 30 | PKPbc | 07 11 28.8+0.4 |
| GLAT | GLAT | 149.28 | 11 | ePKPbc | 07 11 28.8+0.4 |
| GLAT | GLAT | 149.28 | 11 | PKPbc | |
| MCWV | Mont Chateau | 149.28 | 11 | ePKPbc | 07 11 28.8+0.4 |
| MCWV | Mont Chateau | 149.28 | 11 | LR | |
| UTMT | University of | 149.40 | 27 | ePKPbc | 07 11 27.2+0.3 |
| UTMT | University of | 149.40 | 27 | PKPbc | 07 11 27.8+0.5 |
| HALT | Halt | 149.55 | 28 | ePKPbc | 07 11 27.8+0.5 |
| HALT | Halt | 149.55 | 28 | PKPbc | 07 11 29.3+0.8 |
| NATX | Nacogdoches | 149.74 | 40 | ePKPdf | 07 11 23.9+0.8 |
| NATX | Nacogdoches | 149.74 | 40 | PKPbc | 07 11 28.8+1.0 |
| MET | | | | | |

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NSY, YUS, TCU, WNT, ALS, etc.

IDC 11 07:39:26.0... 1.5, 25.05N; 121.93E, h0km, mb3.9/8, mb1 4.1/8, mb1mx3.9/22, mbtmp3.9/8, Error ellipse: s-maj=142.4km s-min=19.3km az=65.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TWB1, NWF, ILA, TWC, TWY, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TWT, WHF, ES, NSY, TCU, SMLT, SMLT, SSSLB, EHY, EHY, YULB, TWFI, etc.

WEL 11 08:36:43.0... 3.8, 382S; 177.41E, h44km, 3km, ML3.5/11, 4C-2D, Error ellipse: s-maj=1.5km s-min=0.9km az=90.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RAHZ, KAHZ, KNZ, PRGZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ODZ, TUZ.

IDC 11 08:42:35.6... 3.1, 18.61N; 147.96E, h0km, mb3.5/5, mb1 3.7/5, mb1mx3.5/20, mbtmp3.5/5, Error ellipse: s-maj=132.9km s-min=25.5km az=86.0, Mariana Islands region

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

NEIC 11 08:52:22.0... 32.09S; 69.64W, h152km, MD3.5(GUC), After GUC 11 08:52:22.0... 6.3209S; 69.64W, h152km, MD3.5, ML3.4, 4C-2D, Mendoza Province

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

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like Entiat, Palmer, Tatalina, etc.

Table with columns: PRU, e, LR, LR, Time, Res, ISC. Includes stations like Pruhonice, Mount Meron Arr, Gunzen, etc.

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

NEIC 11 09:58:47.1, 14:07'N-93:37'W, h7km, MD4.1 (MEX), After MEX

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

IDC 11 09:58:45.0:6.2:87S:147.79E, h0km, mb5.0/15, mb1.5/216, mb1mx5.1/18, mb1mx5.0/16, ML3.9/1, MS5.1/21, MS1.5/121, ms1mx5.0/25, Error ellipse: s-maj=22.4km

Bull 11 09:58:47.0:2.76S:148.15E, h29km, mb5.4/43, mb5.0/56, MS5.4/62, MS7.5/256

ISCJ 11 09:58:48.9:1.1:2.94S:147.66E, h33km, mb5.4/36, MS5.2/29, Error ellipse: s-maj=11.3km s-min=6.1km az=94.8

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like San Cristobal, Huatulo, Matias Romero, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like Stephens Creek, Chichi Judo, Lahad Jata, etc.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like Ulaanbaatar, Chita, Songino Array, etc.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like Bilibino, Chignik, Bhil, etc.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like AAK, Ala-Archa, Palmer, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like DAC, BMO, BMO, BNC, BMN, TPH, TPH, YKA, PFO, PFO, ELK, ELK, HLID, HLID, MSO, MSO, M13A, CHMT, DUG, DUG, ABPO, ABPO, BOZ, BOZ, MVU, MVU, HWUT, HWUT, RES, RES, AHID, AHID, LKWY, LKWY, WUAZ, WUAZ, KBS, KBS, TUC, TUC, RLMT, RLMT, BW06, BW06, PDAR, PDAR, LVZ, LVZ, GNI, GNI, ZEI, ZEI, MVCO, MVCO, LAO, LAO, BHD, BHD, KIV, KIV, KIV, KIV, KIV, KIV, KIV, KIV, KEV, KEV, ARCES, ARCES, ARCES, ARCES, FFC, FFC, DGMT, DGMT, ANMO, ANMO, ISCO, ISCO, OBNSK, OBNSK, OBNSK, OBNSK, OBNSK, OBNSK, SDCO, SDCO, RSSD, RSSD, MNTX, MNTX, OGNE, OGNE, FINES, FINES, TXAR, TXAR, TXAR, TXAR, AMTX, AMTX, PMSA, PMSA, CBKS, CBKS, AGMN, AGMN, ECSD, ECSD, KIEV, KIEV, KIEV, KIEV, SUMG, SUMG, SUMG, SUMG, BR131, BR131.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like BRTR, BRTR, KMB0, KMB0, WMOK, WMOK, KSUI, KSUI, KIS, KIS, KIS, KIS, CSS, CSS, EYMN, EYMN, KVTX, KVTX, SCIA, SCIA, ISP, ISP, NAO1, NAO1, HKT, HKT, KWP, KWP, NATX, NATX, JFWS, JFWS, MIAR, MIAR, KONO, KONO, CCM, CCM, HDIL, HDIL, BOS, BOS, PSZ, PSZ, MBAR, MBAR, LBTB, LBTB, LSZ, LSZ, BORG, BORG, VBMS, VBMS, OXF, OXF, BRG, BRG, BRG, BRG, BRG, BRG, BRG, BRG, SUR, SUR, WVT, WVT, WCI, WCI, TIR, TIR, LRAL, LRAL, PAYG, PAYG, TRI, TRI, ERPA, ERPA, TEIG, TEIG, ESK, ESK, BFO, BFO, WLF, WLF, MCWV, MCWV, AQU, AQU, TUE, TUE, ECH, ECH, ECH, ECH, PLCA, PLCA, LONY, LONY, SSPA, SSPA, TGUH, TGUH, VLC, VLC, BINY, BINY, NCB, NCB, NCB, NCB, CBN, CBN.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like CBN, CBN, LBHN, LBHN, NHSC, NHSC, WDD, WDD, BNI, BNI, TSUM, TSUM, PKME, PKME, DWPF, DWPF, CNNC, CNNC, JTS, JTS, SSB, SSB, VSL, VSL, TROA, TROA, BCIP, BCIP, MTDJ, MTDJ, NNA, NNA, OTAV, OTAV, GTBY, GTBY, ESLS, ESLS, PAB, PAB, MTE, MTE, BBSR, BBSR, GRTK, GRTK, TAM, TAM, SFS, SFS, LPAZ, LPAZ, LPAZ, LPAZ, LPAZ, LPAZ, CPUP, CPUP, SJG, SJG, TOAO, TOAO, TORO, TORO, ANWB, ANWB, FDF, FDF, GRGR, GRGR, SPB, SPB, KIC, KIC, DBIC, DBIC, DBIC, DBIC, TIC, TIC, LIC, LIC, SACV, SACV, RCBR, RCBR, WEL, WEL, VRZ, VRZ, PKVZ, PKVZ, RAEZ, RAEZ, MTWZ, MTWZ, TWVZ, TWVZ, WAZ, WAZ, TRVZ, TRVZ, FWVZ, FWVZ, MHEZ, MHEZ, WPVZ, WPVZ, DRZ, DRZ, DRZ, DRZ, NGZ, NGZ, WTWZ, WTWZ, DREZ, DREZ, TUVZ, TUVZ, OTVZ, OTVZ, KRVZ, KRVZ, DFE, DFE, MIOVZ, MIOVZ, KATZ, KATZ, PKE, PKE, HIZ, HIZ.

Table with columns: Call Sign, Name, Frequency, Mode, and other parameters. Includes stations like GVD, KAR, RDO, RHO, RDI, KYTH, VLI, EDRB, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other parameters. Includes stations like CLL, CLLL, Collm, LMR, MBDF, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other parameters. Includes stations like ROSF, NB2, NOA, NOB, NOA, NOA, NOA, etc.

Table with columns: Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Azimuth Error, Distance Error, Azimuth Error, Distance Error. Includes entries like PET, PET, PET, etc.

Table with columns: Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Azimuth Error, Distance Error, Azimuth Error, Distance Error. Includes entries like CD2, CD2, GYA, etc.

Table with columns: Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Azimuth Error, Distance Error, Azimuth Error, Distance Error. Includes entries like HLID, HLID, E17A, etc.

Table with columns: ID, Name, Az, El, P, Res, and various station codes. Includes stations like Kaibab Natona, Kremmling, Mexican Hat, etc.

Table with columns: ID, Name, Az, El, P, Res, and various station codes. Includes stations like Terlingua Ranc, Black Gap, Mar, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like MIMC Miae Miae, PSGC Pisagua, etc.

THE 11 16:43:02.4, 36.981N, 27.86E, h0km, 1km, ML3.6/1, Error ellipse: s-maj=1.6km s-min=0.6km az=27.0

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like BDRM Kayabasi, DAT Datca, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like SMG Samos, GLHS Gihisar, etc.

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

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like NIE Niedzica, STEHS Stebnicka Huta, etc.

KRSC 11 16:57:57.0±0.6, 56.33N, 163.52E, h14km, 15km, ML3.7, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like KBTR Krutobergovo, SMKR Semkarok, etc.

ISCB 11 17:04:26.9±0.5, 37.04N, 0.03±0.29E, h6km, 5km, Error ellipse: s-maj=5.5km s-min=4.0km az=19.2

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like GLHS Gihisar, GOLH Golhisar, etc.

ISCB 11 17:04:27.3±0.5, 37.04N, 0.03±0.29E, h11km, 4km, n36, e091/55, Turkey

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like GLHS Gihisar, GOLH Golhisar, etc.

ISCB 11 17:04:35.5±0.5, 36.04N, 0.03±0.63W, 0.04, h10km, Error ellipse: s-maj=5.2km s-min=4.2km az=42.9

11d 18h

2008 JUL

CSEM 11 17:04:36.1e.0.3,36.09N;0.61W,h2km,ML3.5,Error ellipse: s-maj=8.0km s-min=5.6km az=49.0

MDD 11 17:04:37.5e.0.8,35.94N;0.57W,h30km,mbL2.2/2.1, Error ellipse: s-maj=8.3km s-min=6.6km az=148.0

ISC 11 17:04:35.8e.0.5,36.00N;0.03e.63W,0.04,h10km,n60, az=136/94,2C,Northern Algeria

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic events from USTO to ETOS.

PAGZ Mallorca 4.65 35 P Pn 17 05 46.7 +0.7 ETOS Mallorca 4.65 35 P Pn 17 05 46.7 +0.7

MAN 11 17:05:22.6105N;124.68E,h96km,mb5.1,ML4.0,MS4.2, 1C-2D, Mindanao

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic events from GSPH to ZMPH.

MAN 11 17:16:37.1536N;122.29E,h23km,mb4.7,ML3.6,MS3.6, 1D, Philippine Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic events from POLP to CNP.

IDC 11 17:16:10.3e.2.9,22.14S;177.99W,h0km,mb4.3/5, mb1.4/5.5,mb1mx4.2/14,mbtmp4.3/5, Error ellipse: s-maj=138.7km s-min=34.6km az=149.0

NEIC 11 17:56:38.47.5,23.03S;178.88W,h190km,71km, mb4.6/7.1D, Error ellipse: s-maj=43.2km s-min=31.5km az=204.0, South of Fiji Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic events from CTAO to CLL.

WEL 11 17:59:48.5e.0.3,38.34S;178.48E,h26km,2km,ML3.1/4, Error ellipse: s-maj=3.0km s-min=1.4km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic events from CNGZ to URZ.

ISCJB 11 18:05:43.5e.1.8,6.39N;0.04e.124.53E,0.04,h12km,12km, mb4.0/18, Error ellipse: s-maj=6.7km s-min=6.5km az=148.4

IDC 11 18:05:43.1e.0.7,6.41N;124.63E,h0km,mb3.9/9, mb1.4/0.9,mb1mx3.8/20,mbtmp3.9/9, Error ellipse: s-maj=2.1km s-min=1.4km az=77.0

MAN 11 18:05:44.6;32N;124.57E,h38km,mb5.1,ML4.0,MS4.2, NEIC 11 18:05:49.5e.3.6,6.45N;124.80E,h48km,39km,mb4.2/7, Error ellipse: s-maj=49.8km s-min=6.7km az=72.0

ISC 11 18:05:43.8e.1.2,6.45N;0.04e.124.60E,0.04,h2km,7km, n33,e101/40,mb4.0/18,3C-1D, Mindanao

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic events from GSPH to ZMPH.

LZH LZH LZH comp=Z,1.7nm,1.4s,mb4.0 pP sP pmax 18 12 45.0 18 12 47.3 +7.9

GTA GTA GTA comp=Z,5.0nm,1.6s,mb4.0 pP sP pmax 18 13 19.6 +2.1 18 13 23.3 18 13 27.6 +9.3

STKA STKA STKA comp=Z,2.9nm,0.9s,mb3.8,baz=352,slow=7.1,SNR=4.3 pP pP pP 18 13 32.5 +0.6 18 13 34.8 +0.9

SONM SONM SONM comp=Z,3.0nm,1.2s,mb3.9 pP pP pP 18 13 54.7 +1.5 18 15 38.1 -0.5

TARA TARA TARA comp=Z,2.0,1nm,0.3s,baz=132,slow=4.3,SNR=3.5 pP pP pP 18 14 31.3 +3.0 18 15 11.0 +0.7

MK31 MK31 MK31 comp=Z,2.9nm,0.5s,mb3.4 pP pP pP 18 15 11.0 +0.7 18 16 13.6 -1.5

MKAR MKAR MKAR comp=Z,2.9nm,0.8s,mb4.2,baz=129,slow=8.0,SNR=23 pP pP pP 18 15 11.4 +1.1 18 16 13.8 -1.3

ZALV ZALV ZALV comp=Z,2.1nm,0.6s,baz=131,slow=3.5,SNR=9.4 pP pP pP 18 15 32.2 -0.2 18 15 32.2 -0.2

ARU ARU ARU comp=Z,2.9nm,1.0s,mb4.1 pP pP pP 18 15 34.1 +1.1 18 15 34.7 +0.6

KURK KURK KURK comp=Z,1.7nm,0.8s,mb4.1 pP pP pP 18 15 40.4 +0.2 18 16 17.9 -0.2

BVAR BVAR BVAR comp=Z,2.1nm,0.8s,mb4.2,baz=123,slow=11,SNR=7.3 pP pP pP 18 16 17.9 -0.2 18 16 18.1 -1.6

BRVK BRVK BRVK comp=Z,2.0nm,0.7s,baz=131,slow=7.5,SNR=4.9 pP pP pP 18 16 52.1 -0.3 18 17 04.9 -1.2

FINES FINES FINES comp=Z,2.2nm,0.8s,mb4.4,baz=114,slow=4.6,SNR=5.1 pP pP pP 18 16 58.3 -1.7 18 17 04.9 -1.2

ISCJB 11 18:11:37.7e.2.1,11.59N;0.07e.140.8E,0.1,h64km,23km, mb4.1/16, Error ellipse: s-maj=19.8km s-min=11.2km az=10.2

NEIC 11 18:11:39.3e.2.0,11.60N;140.66E,h64km,20km,mb4.4/5, Error ellipse: s-maj=17.4km s-min=10.6km az=93.0

IDC 11 18:11:40.1e.0.7,11.61N;140.80E,h70km,5km,mb3.7/11, mb1.3/9.1,mb1mx3.7/20,mbtmp3.7/11,MS3.3/6, Ms1.3/4.6,ms1mx2.9/30, Error ellipse: s-maj=25.3km s-min=13.7km az=10.2

ISC 11 18:11:40.5e.2.1,11.60N;0.07e.140.8E,0.1,h75km,22km, h71km,2.2km,pP-P,n26,e076/23,mb4.0/16,Western Caroline Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic events from GUMO to JOT.

NEIC 11 18:22:10.2, 5.7, 5.5N, 73.13W, h35km, 21km, mb3.9/1, Error ellipse: s-maj=12.5km s-min=9.3km az=131.0

NEIC Felt at Bucaramanga. ISC 11 18:22:10.2, 1.6, 7.41N, 0.05:73.17W, 0.03, h33km, 15km, n40, c19, 15S, mb3.9S, Northern Colombia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data.

ISCJB 11 18:23:58.6, 1.4, 26.56N, 0.09:141.16E, 0.2, h62km, 17km, mb3.8/7, Error ellipse: s-maj=32.8km s-min=10.8km

ISC 11 18:23:59.4, 2.0, 26.66N, 141.53E, h53km, 21km, mb3.5/6, mb1.3/6.9, mb1mx3.4/21, mbmtmp3.5/9, MB3.3/3, Error ellipse: s-maj=31.5km s-min=15.6km az=70.0

JMA 11 18:23:59.6, 0.2, 26.54N, 141.51E, h39km, M4.3, NEIC 11 18:23:59.7, 26.55N, 141.51E, h39km, MG4.3(JMA), After JMA.

ISC 11 18:24:00.3, 1.1, 26.60N, 0.09:141.7E, 0.2, h64km, 14km, n18, c988/22, mb3.8/7, Bonin Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data.

BJI 11 18:50:12.7, 9.08S, 105.82E, h10km, mb4.8/7, mb4.7/16, Ms4.1/1, Ms7.4/21

ISC 11 18:50:19.2, 1.2, 8.27S, 105.41E, h0km, mb4.1/12, mb1.4/3/12, mb1mx3.4/20, mbmtmp4.1/12, MS3.4/6, Ms1.3/4.6, ms1mx3.0/28, Error ellipse: s-maj=52.1km s-min=14.4km az=50.0

DJA 11 18:50:20.8, 38S, 105.129E, h10km, MLV4.6/17

ISCJB 11 18:50:21.7, 0.4, 8.35S, 0.05:105.41E, 0.05, h33km, mb4.4/35, MS3.4/6, Error ellipse: s-maj=8.9km s-min=4.7km az=39.6

NEIC 11 18:50:23.0, 5.4, 8.38S, 105.39E, h35km, mb4.3/14, Error

ellipse: s-maj=12.1km s-min=6.7km az=50.0

ISC 11 18:50:24.2, 0.4, 8.30S, 0.05:105.41E, 0.05, h35km, (h16km, 7.9km; p-P), N73, c1903/67, mb4.4/35, MS3.4/6, South of Jawa

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data.

MEX 11 19:19:57.7, 0.6, 16.39N, 96.09W, h69km, 8km, MD3.8, Oaxaca

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data.

ISCJB 11 19:20:25.0, 1.2, 31.2N, 0.1:104.1E, 0.1, h0km, 10km, mb3.8/3, Error ellipse: s-maj=24.5km s-min=6.7km az=140.8

IDC 11 19:20:26.1, 1.4, 31.11N, 103.80E, h0km, mb3.6/3, mb1.3/8.4, mb1mx3.4/21, mbmtmp3.5/4, ML2.8/1, Error ellipse: s-maj=92.0km s-min=24.4km az=60.0

BUJ 11 19:20:28.7, 31.21N, 103.89E, h17km, ML3.2/9

ISC 11 19:20:27.1, 2.3, 31.2N, 0.1:104.0E, 0.1, h7km, 10km, n6, c1934/8, mb3.7/3, Sichuan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data.

ISCJB 11 19:30:25.8, 0.6, 55.22N, 0.03:161.82E, 0.06, h95km, 8km, Error ellipse: s-maj=6.1km s-min=4.6km az=19.1

KRSC 11 19:30:25.6, 0.5, 55.22N, 161.80E, h82km, 72km, ML4.0

MOS 11 19:30:26.0, 0.6, 55.21N, 161.80E, h81km, mb4.1/1, Error ellipse: s-maj=37.0km s-min=14.0km az=78.4

ISC 11 19:30:26.7, 0.7, 55.22N, 0.03:161.82E, 0.06, h92km, 9km, n25, c0711/45, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data.

ISCJB 11 19:40:05.2, 0.5, 32.35N, 0.02:115.27W, 0.02, h72km, 4km, Error ellipse: s-maj=3.2km s-min=3.0km az=154.0

ECX 11 19:40:07.0, 0.7, 32.35N, 115.28W, h67km, 7km, MD3.6, ML3.7

NEIC 11 19:40:07.0, 32.35N, 115.28W, h67km, ML3.3(ECX), ML3.2(PAS), After ECX.

ISC 11 19:40:06.1, 0.4, 32.34N, 0.02:115.30W, 0.02, h12km, 3km, n41, c093/63, 12C-24D, California-Baja California border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MBWA Marble Bar, PSI Prapat, STKA Stephens Creek, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ILCA, HOCH Hornopifiori, PUEL Puelo Alto, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WTP, NCU National Center, NWF Wun Shan, etc.

ISCJB 11 20:39:21.6:1.4, 48.8N:0.1:154.7E:0.1, h71km, 13km, mb3.8/B, Error ellipse: s-maj=23.4km s-min=9.3km az=144.3

MOS 11 20:39:21.6:1.4, 48.8N:0.1:154.7E:0.1, h71km, 13km, mb3.8/B, Error ellipse: s-maj=31.6km s-min=14.3km az=58.9

NEIC 11 20:39:23.1:5.2, 48.59N:154.75E, h70km, 47km, mb3.3/6, mb1 3.77, mb1mx3.3/24, mbtrmp3.4/7, ML4.0/1, Error ellipse: s-maj=38.1km s-min=23.8km az=148.0

NEIC 11 20:39:23.1:5.2, 48.59N:154.75E, h70km, 47km, mb3.3/6, mb1 3.77, mb1mx3.3/24, mbtrmp3.4/7, ML4.0/1, Error ellipse: s-maj=28.4km s-min=10.1km az=150.0

ISC 11 20:39:23.4:1.2, 48.8N:0.1:154.7E:0.1, h72km, 11km, n14, o895/17, mb3.8/B, Kuril Islands

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

NEIC 11 21:11:26.3:1.7, 69.39N:53.31W, h10km, ML4.1(OTT), Error ellipse: s-maj=29.8km s-min=9.3km az=150.0

OTT 11 21:11:30.3:0.4, 69.43N:53.66W, h18km, ML4.0/7, Greenland west coast, 472km northeast from Qikiqtarjuaq, Na Eastern Arctic Background Seismic Zone., Western Kalaallit Nunaat

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SUMG Summit, GIFFN Gifford Fjord, LAIN Lailor River, etc.

ISC 11 21:14:51.0:2.7, 43.02S:74.22W, h0km, mb4.1/2, mb1 4.2/3, mb1mx3.9/14, mbtrmp4.0/3, ML4.1/1, MS3.3/2, Ms1 3.2/2, ms1mx2.6/29, Error ellipse: s-maj=81.5km s-min=24.5km az=128.0

GUC 11 21:14:56.4:0.5, 43.05S:71.42W, h4km, 99km, ML3.8, ISC 11 21:14:54.4:3.9, 43.1S:0.2:73.5W:0.7, h0km, 15km, n7, o13/9, mb4.2/2, 1D, Southern Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes station ILCA Isla Las Cabra.

IDC 11 21:24:40.2:52.0, 19.11S:176.60W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.7/14, mbtrmp3.9/3, MS3.3/1, Ms1 3.3/1, ms1mx2.6/34, Error ellipse: s-maj=96.9km s-min=169.6km az=81.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AFI Afiamalu, STKA Stephens Creek, WRA Warramunga Arr, etc.

ISCJB 11 21:29:36.9:0.3, 23.87N:0.02:121.71E:0.02, h32km, 2km, Error ellipse: s-maj=3.1km s-min=2.1km az=41.8

TAP 11 21:29:36.9:0.3, 23.87N:0.02:121.71E, h41km, ML3.3/C, JMA 11 21:29:37.1:0.3, 23.95N:121.71E, h73km, M2.7, ISC 11 21:29:37.4:0.3, 23.88N:0.02:121.68E:0.02, h33km, 2km, n54, o89/100, 3C-1D, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HWA Hwaiien, STKA Stephens Creek, WRA Warramunga Arr, etc.

NIED 11 21:35:00.21:00N:121.30E, h14km, MW5.4, Best double couple: M1:1.99000x1017, NP1:1.252000000, s80.000000, lambda=1.000000, NP2:1.57.000000, s84.000000, lambda=11.000000

IDC 11 21:35:05.0:0.4, 21.02N:121.16E, h0km, mb4.8/30, mb1 4.9/30, mb1mx4.8/34, mbtrmp4.8/30, MS4.9/19, Ms1 4.9/19, ms1mx4.7/27, Error ellipse: s-maj=14.0km s-min=10.2km az=64.0

JMA 11 21:35:05.0:0.4, 21.07N:121.17E, h0km, M5.4, ISCJB 11 21:35:05.0:0.4, 21.07N:121.17E:0.02, h9km, 2km, mb5.2/220, MS5.2/237, Error ellipse: s-maj=2.8km s-min=1.7km az=6.4

NEIC 11 21:35:06.5:0.2, 21.02N:121.13E, h6km, mb5.3/114, MS5.1/185, MW5.5, Error ellipse: s-maj=4.9km s-min=1.2km az=79.0, Moment Tensor Solution, s41 Moment tensor: Scale 1017Nm; Mr=0.14; Ms=0.89; Mw=1.03; Mv=1.47; Mw=0.30; Mw=0.30; Best double couple: M1:1.90000x1017, NP1:1.47.000000, s88.000000, lambda=57.000000, NP2:1.40.000000, s83.000000, lambda=177.000000, Principal axes: T 1.3500, Plg34.0000, Azm108.0000; N 0.8000, Plg33.0000; Azm225.0000; P -2.1400, Plg37.0000; Azm346.0000;

TAP 11 21:35:06.2:0.2, 20.99N:121.20E, h10km, ML5.5/C, BUJ 11 21:35:06.2:0.2, 21.29N:120.90E, h10km, mb5.4/40, mb5.0/52, ML4.6/5, Ms5.5/67, Ms7.5/357

MOS 11 21:35:09.1:1.2, 21.03N:121.15E, h33km, mb5.5/76, MS5.2/61, Error ellipse: s-maj=7.5km s-min=4.3km az=114.4

GCMT 11 21:35:10.2:0.1, 21.06N:121.04E, h18km, MW5.5, Moment Tensor Solution, s84,c157; s99,c207; Moment tensor: Scale 1017Nm; Mr=0.62x.03; Ms=0.70x.02; Mw=1.32x.03; Mv=1.03x.07; Mw=1.56x.02; Mw=0.04x.06; Best double couple: M2:2.00000x1017, NP1:1.348.000000, s60.000000, lambda=17.000000, NP2:1.249.000000, s75.000000, lambda=149.000000, Principal axes: T 2.1300, Plg32.0000, Azm205.0000; N 0.1100, Plg56.0000, Azm46.0000; P -2.2500, Plg10.0000, Azm301.0000; Data Used: II IU IC CN, Surface waves from 102 sta

SZGRF 11 21:35:13.5:22.51N:122.70E, h33km, mb5.2, MS5.6, Taiwan region

DJA 11 21:35:13.21:05N:121.11E, h52km, Mw5.8/24, ISC 11 21:35:07.3:0.4, 21.10N:121.12E:0.02, h7km, 2km, h23km, 1.8km, pP, n830, o116/736, mb5.2/220, MS5.2/237, 40C-18D, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TSEB Hengchuen, Pin, TWK1 Hengchuen, etc.

11d 21h

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like TWM1 Shoushan, SGST Jiashan, ELDTW Lidau, STYT Tauiyuan, CHN3 Shinhua, etc.

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like JKE Kumejima 2, LUBP Lubang, GZHZ Guanzhou, etc.

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like BJT Baijiatou, BJT Baijiatou, BJI Beijing, etc.

11d 21h

Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries for BRVK Borovoye, BRVK Borovoye, BRVK Borovoye, etc.

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Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries for BHD Baghdad, BHD Baghdad, BHD Baghdad, etc.

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Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries for FINES, EGAK Eagle, EGAK Eagle, etc.

| | | | | | |
|-------|---|-----------|-----|-------|-----------------|
| STHS | Stebnicka Huta | 80.42 319 | eP | P | 21 47 25.0 +5.4 |
| STHS | | | e | | 21 57 30.0 |
| STHS | comp-Z,6.0nm,1.2s,mb4.4 | | | | |
| STHS | Stebnicka Huta | 80.42 319 | eP | P | 21 47 25.0 +5.4 |
| STHS | comp-Z,6.2nm,1.2s,mb4.4 | | | | |
| STHS | | | ePP | PcP | 21 47 28.3 +1.7 |
| STHS | | | e | | 21 57 30.0 |
| STHS | Stebnicka Huta | 80.42 319 | eP | P | 21 47 25.0 +5.4 |
| STHS | | | ePP | P | 21 47 28.3 +6.3 |
| STHS | | | ePP | P | 21 57 30.0 +3.9 |
| DRGR | | 80.43 316 | P | P | 21 47 22.3 +2.6 |
| CRVS | Cervenica-Dubn | 80.47 319 | eP | P | 21 47 25.7 +5.8 |
| CRVS | | | e | Pmax | |
| CRVS | comp-Z,4.5nm,1.7s,mb5.1 | | | | |
| CRVS | Cervenica-Dubn | 80.47 319 | eP | P | 21 47 25.7 +5.8 |
| CRVS | comp-Z,4.5nm,1.7s,mb5.1 | | | | |
| CRVS | | | ePP | PcP | 21 47 29.2 +2.3 |
| CRVS | Cervenica-Dubn | 80.47 319 | eP | P | 21 47 25.7 +5.8 |
| CRVS | | | ePP | P | 21 47 29.2 +6.9 |
| PLD | Plodiv | 80.71 311 | P | P | 21 47 29.2 +7.9 |
| RZN | Rozhen | 80.84 311 | P | P | 21 47 29.4 +7.4 |
| RZN | | | P | P | 21 47 31.7 +7.2 |
| NB2 | NORSAR Subarra | 80.91 332 | P | P | 21 47 20.4 -1.6 |
| NOA | comp-Z,2.9nm,1.4s,mb5.0,baz=62,slow=5.3 | | | | |
| NOA | NORSAR Array B | 80.91 332 | P | P | 21 47 19.8 -2.2 |
| NOA | comp-Z,1.7nm,0.8s,mb4.0,baz=64,slow=5.3,SNR=5.0 | | | | |
| NOA | | | LR | LR | 22 27 19.2 |
| PGB | comp-Z,3.3um,18.0s,MS5.7,baz=55,slow=39 | | | | |
| NIE | Panagyuriste | 80.93 312 | P | P | 21 47 30.6 +8.1 |
| NIE | Niedzica | 80.93 312 | eP | P | 21 47 24.9 +2.3 |
| OJC | Ojcow | 80.99 320 | eP | P | 21 47 20.2 -2.4 |
| OJC | | | e | S | 21 47 26.4 |
| OJC | | | eS | S | 21 57 27.5 -4.5 |
| OJC | | | e | MLR | 21 57 36.3 |
| NAO01 | NORSAR Array S | 81.15 332 | P | PFAKE | 21 47 30.0 +6.8 |
| NAO01 | | | LR | LR | |
| KECS | comp-Z,3.3um,19.0s,MS5.7 | | | | |
| KECS | Kecevo | 81.23 319 | eP | Pmax | 21 47 29.1 +5.2 |
| KECS | | | e | Pmax | |
| KECS | Kecevo | 81.23 319 | eP | P | 21 47 29.1 +5.2 |
| KECS | | | ePP | PcP | 21 47 32.9 +2.7 |
| KECS | Kecevo | 81.23 319 | eP | P | 21 47 29.1 +5.2 |
| KECS | | | ePP | P | 21 47 32.9 +6.6 |
| GKP | Gorka Klasztor | 81.28 324 | eP | P | 21 47 25.7 +1.6 |
| GKP | | | ePP | P | 21 47 31.8 +5.3 |
| GKP | | | eS | S | 21 57 31.8 -3.2 |
| GKP | | | eS | LMZ | 22 28 49.5 |
| CRAG | comp-Z,2.2um,20.2s | | | | |
| CRAG | Craig | 81.39 34 | eP | P | 21 47 25.8 +1.2 |
| CRAG | comp-Z,3.4nm,1.0s,mb5.2 | | | | |
| MMB | Musomiste | 81.57 311 | P | PcP | 21 47 33.5 +6.5 |
| MMB | Musomiste | 81.57 311 | P | S | 21 47 37.2 +5.5 |
| VTS | Vitosha | 81.58 312 | iP | P | 21 47 35.6 -2.8 |
| VTS | Vitosha | 81.58 312 | iP | P | 21 47 26.2 +0.3 |
| VTS | Vitosha | 81.58 312 | iP | P | 21 47 27.7 +1.8 |
| DLBC | Dease Lake | 81.63 30 | P | P | 21 47 25.6 -0.2 |
| DLBC | Dease Lake | 81.63 30 | eP | P | 21 47 26.1 +0.2 |
| DLBC | | | ePP | P | 21 47 35.3 +7.1 |
| RES | Resolute Bay | 81.70 9 | ePP | P | 21 47 24.9 +1.1 |
| RES | | | ePP | Pmax | 21 47 34.1 +5.7 |
| RES | | | e | Pmax | |
| RES | comp-Z,7.5nm,1.2s,mb5.5 | | | | |
| RES | Resolute Bay | 81.70 9 | eP | P | 21 47 24.9 -1.0 |
| RES | comp-Z,7.9nm,1.2s,mb5.5 | | | | |
| RES | | | ePP | P | 21 47 34.1 +5.7 |
| MOL | Molde | 81.70 335 | AMS | AMS | 22 28 13.9 |
| BSD | comp-Z,2.1um,14.0s,MS5.7 | | | | |
| BSD | Bornholm Skovb | 81.77 326 | iP | P | 21 47 31.8 +5.2 |
| BSD | | | eS | S | 21 57 39.7 -0.2 |
| BSD | comp-Z,2.1um,19.0s,MS5.4 | | | | |
| BSD | Bornholm Skovb | 81.77 326 | iP | P | 21 47 31.8 +5.2 |
| BSD | Bornholm Skovb | 81.77 326 | eS | S | 21 57 39.7 -0.2 |
| JMIC | comp-Z,2.2um,19.0s | | | | |
| JMIC | Jan Mayen | 81.78 345 | eP | P | 21 47 32.2 +5.7 |
| JMIC | | | eS | AMS | 21 57 44.4 |
| JMIC | | | eS | AMS | 22 26 42.5 |
| PSZ | comp-Z,2.2um,17.5s,MS5.5 | | | | |
| PSZ | Piszkesteto | 81.80 318 | eP | P | 21 47 27.3 +0.3 |
| PSZ | | | ePP | P | 21 47 34.8 +5.4 |
| PSZ | comp-Z,6.6nm,1.8s,mb5.3 | | | | |
| PSZ | | | MLR | MLR | |
| PSZ | comp-Z,1.1um,21.0s,MS5.3 | | | | |
| PSZ | Piszkesteto | 81.80 318 | eP | P | 21 47 27.3 +0.3 |
| PSZ | comp-Z,6.6nm,1.8s,mb5.3 | | | | |
| PSZ | | | eP | P | 21 47 34.8 +5.4 |
| PSZ | | | LR | LR | |
| LIKS | comp-Z,1.1um,14.7s,MS5.5 | | | | |
| LIKS | Likavka | 81.86 319 | eP | P | 21 47 35.4 +8.2 |
| LIKS | Likavka | 81.86 319 | eP | P | 21 47 35.4 +5.7 |
| KKB | Krupnik | 81.92 312 | P | P | 21 47 32.9 +2.7 |
| KKB | Krupnik | 81.92 312 | eP | S | 21 57 44.9 +2.9 |
| OKC | Ostrava-Krasne | 82.12 320 | eP | P | 21 47 30.6 +2.0 |
| OKC | | | e | MLR | 21 57 42.0 |
| OKC | comp-Z,1.1um,14.7s,MS5.5 | | | | |
| OKC | Ostrava-Krasne | 82.12 320 | eP | P | 21 47 30.6 +2.0 |
| OKC | | | eS | AMS | 21 57 42.0 |
| OKC | | | eS | AMS | 21 57 42.0 -1.8 |
| OKC | | | AMS | AMS | 22 31 40.0 |
| VYHS | comp-Z,1.1um,14.7s,MS5.5 | | | | |
| VYHS | Vyhne | 82.24 319 | eP | Pmax | 21 47 31.5 +2.2 |
| VYHS | | | e | Pmax | |
| VYHS | comp-Z,1.4nm,1.4s,mb4.7 | | | | |
| VYHS | Vyhne | 82.24 319 | eP | P | 21 47 31.5 +2.2 |
| VYHS | | | ePP | PcP | 21 47 38.3 +3.7 |
| VYHS | | | ePP | P | 21 50 29.3 -7.9 |
| VYHS | Vyhne | 82.24 319 | eP | P | 21 47 31.5 +2.2 |
| VYHS | | | ePP | P | 21 47 38.3 +6.6 |
| VYHS | | | ePP | P | 21 50 29.2 -8.0 |
| KONO | Kongsberg | 82.28 332 | eP | P | 21 47 35.1 +5.8 |
| KONO | | | eS | S | 21 57 47.8 +2.8 |
| KONO | | | eS | AMS | 22 25 41.0 |
| KOLL | comp-Z,2.2um,20.8s,MS5.4 | | | | |
| KOLL | Kolacno | 82.47 319 | eP | P | 21 47 35.0 +4.5 |
| KOLL | Kolacno | 82.47 319 | eP | P | 21 47 35.0 +4.5 |
| MORC | Moravsky Berou | 82.51 321 | eP | P | 21 47 30.5 -0.1 |
| MORC | | | ePP | P | 21 47 40.0 +6.9 |
| MORC | comp-Z,4.6nm,1.9s,mb5.2 | | | | |
| MORC | Moravsky Berou | 82.51 321 | eP | P | 21 47 30.5 -0.2 |
| MORC | comp-Z,4.6nm,1.9s,mb5.2 | | | | |
| MORC | Budapest | 82.51 318 | eP | P | 21 47 40.0 +6.9 |
| ABPO | Ambodhipanom | 82.58 246 | P | PFAKE | 21 47 40.0 +8.5 |
| ABPO | | | LR | LR | |
| COP | comp-Z,6.6nm,20.0s,MS5.0 | | | | |
| COP | Copenhagen | 82.79 327 | iP | P | 21 47 34.4 +2.4 |
| COP | Copenhagen | 82.79 327 | iP | P | 21 47 33.9 +1.6 |
| KSP | Ksiaz | 82.80 322 | eP | P | 21 47 40.7 +6.1 |
| KSP | | | eS | S | 21 57 50.4 -0.3 |
| KSP | | | eS | LMZ | 22 29 31.7 |
| KSP | comp-Z,4.4um,19.4s | | | | |
| KSP | Ksiaz | 82.80 322 | eP | P | 21 47 32.5 +0.3 |
| KSP | | | eS | S | 21 57 48.0 -2.7 |
| KSP | | | e | MLR | |
| DPC | comp-Z,4.4um,19.4s,MS5.8 | | | | |
| DPC | Dobruska-Polom | 82.99 321 | eP | P | 21 47 34.3 +1.2 |
| DPC | | | e | P | 21 47 41.1 |
| DPC | | | e | MLR | 21 57 48.4 |
| DPC | comp-Z,1.1um,19.2s,MS5.3 | | | | |
| DPC | Dobruska-Polom | 82.99 321 | eP | P | 21 47 34.3 +1.2 |
| DPC | | | e | P | 21 47 41.1 |
| DPC | | | eS | AMS | 21 57 48.4 |
| DPC | comp-Z,1.1um,19.2s,MS5.3 | | | | |
| DPC | Dobruska-Polom | 82.99 321 | eP | P | 21 47 34.3 +1.2 |
| DPC | | | e | P | 21 47 41.1 |
| DPC | | | eS | S | 21 57 48.4 -4.2 |

| | | | | | |
|--------------------------|--------------------------|-----------|-------|------|-----------------|
| DPC | comp-Z,1.1um,19.2s | | | | |
| UPC | Udice | 83.11 322 | eP | P | 21 47 36.4 +2.7 |
| FOO | Flo | 83.22 334 | eP | P | 21 47 38.9 +4.8 |
| FOO | | | eS | S | 21 57 55.0 +1.0 |
| FOO | | | eS | SS | 22 03 19.9 +1.8 |
| FOO | | | e | AMS | 22 30 03.9 |
| comp-Z,3.3um,14.1s,MS5.8 | | | | | |
| ZST | Bratislava | 83.42 319 | eP | P | 21 47 37.5 +2.1 |
| ZST | Bratislava | 83.42 319 | eP | P | 21 47 37.5 +2.1 |
| BER | Bergen | 83.75 333 | eP | P | 21 47 42.2 +5.3 |
| BER | | | eS | S | 21 57 59.5 |
| BER | | | eS | SS | 22 03 30.8 +4.9 |
| BER | | | e | AMS | 22 28 42.1 |
| comp-Z,4.4um,17.5s,MS5.8 | | | | | |
| TREC | Trest | 83.93 321 | eP | P | 21 47 39.1 +1.1 |
| TREC | | | e | P | 21 57 58.6 |
| TREC | comp-Z,2.2um,19.1s,MS5.4 | | | | |
| TREC | Trest | 83.93 321 | eP | P | 21 47 39.1 +1.1 |
| TREC | | | eS | AMS | 22 29 00.0 |
| comp-Z,2.2um,19.1s | | | | | |
| PVCC | Panska Ves | 83.93 322 | eP | P | 21 47 39.9 +1.9 |
| PVCC | | | e | MLR | 21 47 46.7 |
| comp-Z,2.2um,16.7s,MS5.5 | | | | | |
| PVCC | Panska Ves | 83.93 322 | eP | P | 21 47 39.9 +1.9 |
| PVCC | | | e | LR | 21 47 46.7 |
| PVCC | Panska Ves | 83.93 322 | eP | P | 21 47 39.9 +1.9 |
| PVCC | | | e | AMS | 21 47 46.7 |
| PVCC | | | e | AMS | 22 30 40.0 |
| MUD | Monsted Ugrnd | 84.03 329 | iP | P | 21 47 42.4 +4.0 |
| MUD | Monsted Ugrnd | 84.03 329 | iP | P | 21 47 42.4 +4.0 |
| BRG | Bergjeshubel | 84.14 323 | eP | P | 21 47 40.2 +1.2 |
| BRG | Bergjeshubel | 84.14 323 | eP | P | 21 47 40.6 +1.6 |
| BRG | comp-Z,6.8nm,1.1s,mb4.7 | | | | |
| BRG | | | e | P | 21 47 46.8 |
| BRG | comp-Z,2.4nm,1.2s | | | | |
| BRG | | | PP | S | 21 50 53.0 +0.3 |
| BRG | | | PS | S | 21 57 59.0 -5.1 |
| PRU | Pruhonic | 84.18 322 | eP | P | 21 47 38.4 -0.9 |
| PRU | | | e | P | 21 47 45.0 |
| PRU | | | e | MLR | 21 58 00.6 |
| PRU | comp-Z,2.2um,18.2s,MS5.5 | | | | |
| PRU | Pruhonic | 84.18 322 | eP | P | 21 47 38.4 -0.9 |
| PRU | | | e | P | 21 47 45.0 |
| PRU | | | eS | LR | 21 58 00.6 |
| PRU | comp-Z,2.2um,18.2s,MS5.5 | | | | |
| PRU | Pruhonic | 84.18 322 | eP | P | 21 47 38.4 -0.9 |
| PRU | | | e | x | 21 47 45.0 |
| PRU | | | e | AMS | 21 58 00.6 |
| PRU | | | e | AMS | 22 30 00.0 |
| CONA | Conrad Observa | 84.28 319 | iP | sP | 21 47 41.3 -1.9 |
| TIR | Tirane | 84.36 312 | PFAKE | LR | 21 47 50.0 +1.0 |
| TIR | | | LR | LR | |
| COLL | comp-Z,1.1um,19.0s,MS5.2 | | | | |
| COLL | Colim | 84.47 323 | eP | P | 21 47 41.7 +1.0 |
| COLL | comp-Z,2.8nm,1.2s,mb5.3 | | | | |
| COLL | Colim | 84.47 323 | iP | S | 21 47 41.6 +0.9 |
| COLL | | | iP | S | 21 47 47.7 |
| COLL | | | e | Pmax | 21 58 07.0 -0.5 |
| comp-Z,1.0nm,1.2s,mb4.8 | | | | | |
| COLL | Colim | 84.47 323 | iP | P | 21 47 41.6 +0.9 |
| COLL | comp-Z,1.0nm,1.2s,mb4.8 | | | | |
| COLL | | | iP | P | 21 47 45.4 +2.3 |
| COLL | | | e | S | 21 47 47.7 |
| COLL | | | eS | S | 21 58 07.0 -0.5 |
| COLL | | | eS | S | 22 13 55.0 |
| COLL | Colim | 84.47 323 | iP | P | 21 47 41.6 +0.9 |
| COLL | comp-Z,10.0nm,1.2s,mb4.8 | | | | |
| COLL | | | iP | P | 21 47 45.4 +1.1 |
| COLL | | | e | S | 21 47 47.7 |
| COLL | comp-Z,2.7nm,1.2s | | | | |
| COLL | | | e | PP | 21 48 04.6 |
| COLL | | | ePP | PP | 21 51 02.0 +6.6 |
| COLL | | | e | S | 21 51 08.0 |
| COLL | | | eS | S | 21 58 07.0 -0.5 |
| COLL | | | eS | SS | 21 59 00.0 |
| COLL | | | eS | SS | 22 03 36.0 -1.0 |
| COLL | | | e | S | 22 04 24.0 |
| COLL | | | eS | S | 22 07 30.0 |
| COLL | | | eS | AMS | 22 13 55.0 |
| COLL | | | e | LMh | 22 23 00.0 |
| comp-N,3um,20.9s | | | | | |
| COLL | | | LMh | M | 22 23 00.0 |
| comp-E,2um,20.5s | | | | | |
| COLL | | | LMv | V | 22 30 00.0 |
| comp-N,2um,18.1s | | | | | |

11d 21h

2008 JUL

500

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TLY Talaya, GKN Gorkha, KAKA Kakadu, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TIXI Tiksi, QLP NWAOW, BILL Bilibino, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like DPC Dobruska-Polom, UPC Ubrice, etc.

DJA 11 21:45:57, 626S<103>63E, h9km, MLv3.5/5, Southwest of Sumatera. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

ISCJB 11 21:50:39.9, 0.4, 11.13N, 0.02, 23E, 0.02, h10km, Error s-maj=3.0km s-min=1.7km az=141.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LWLI Liwa, MDSI Maura Dua, etc.

| | | | | | | | | | | | | | | | | | | | |
|------|--|-------|------|-----------------|------|--|------------|-------|----|------|-----------------|-----------------|--|----------------|-------|----|-----|-----------------|-----------------|
| BOZ | comp=Z,27nm,0.8s,mb4.9 | ePcP | PcP | 00 11 06.8 +1.3 | FCC | Fort Churchill | 44.68 | 47 | eP | P | 00 09 31.9 -1.2 | L22A | Ellis Ranch, M | 47.08 | 73 | ↑P | P | 00 09 52.8 +0.5 | |
| E17A | Martinsdale | 41.96 | 70 | ↓P | FCC | CTU | Comp Tracy | 44.68 | 78 | ePcP | PcP | 00 11 13.2 -1.3 | S17A | Black Ridge (B | 47.15 | 80 | ↑P | P | 00 09 53.2 +0.4 |
| NVAR | Mina Gray | 42.02 | 85 | P | DMGT | Dagmar | 44.71 | 64 | ↓P | P | 00 09 34.1 +0.7 | O20A | White River Ci | 47.15 | 76 | P | P | 00 09 52.7 -0.1 | |
| NVAR | comp=Z,4.8nm,1.0s,mb4.1,baz=294,slo=7.3,SNR=17 | PcP | PcP | 00 11 06.0 +0.1 | Q14A | Sevier Lake (B | 44.78 | 81 | ↓P | P | 00 09 34.6 +0.5 | TLY | Talaya | 47.19 | 303 | eP | P | 00 09 52.0 -1.0 | |
| NVAR | comp=Z,7.6nm,0.7s,baz=270,slo=2.5,SNR=8.1 | Sch | ScP | 00 14 52.9 +2.2 | BW06 | Boulder Array | 44.78 | 74 | P | P | 00 09 34.3 +0.1 | TLY | TLY | | | | | 00 11 23.5 | |
| G16A | Moss Hill, Enn | 42.06 | 72 | P | PDAR | Pinedale Array | 44.78 | 74 | P | P | 00 09 34.1 0.0 | TLY | TLY | | | | | 00 12 32.1 | |
| J14A | Carey | 42.08 | 76 | ↑P | PDAR | comp=Z,26nm,0.7s,mb5.2,baz=303,slo=4.1,SNR=171 | | | | LR | 00 25 42.2 | TLY | TLY | | | | | 00 16 52.7 +12 | |
| K13A | Stover Farm, H | 42.12 | 77 | ↑P | MWC | Mount Wilson | 44.84 | 89 | eP | P | 00 09 35.7 +1.0 | TLY | TLY | | | | | 00 19 37.8 | |
| D18A | Linhart Farms, | 42.19 | 69 | ↓P | MWC | comp=Z,51nm,1.3s,mb5.2 | | | | | | TLY | TLY | | | | | | |
| M12A | Wells | 42.33 | 79 | ↑P | MWC | comp=Z,52nm,1.3s,mb5.2 | | | | | | TLY | TLY | | | | | | |
| I15A | Montevieu | 42.33 | 74 | ↑P | R13A | O'Grain Ranch, | 44.85 | 82 | ↑P | P | 00 09 35.8 +1.0 | N21A | Black Mountain | 47.20 | 75 | P | P | 00 09 53.0 -0.1 | |
| F17A | Fitzpatrick Pl | 42.37 | 71 | ↓P | M17A | Scully's Gap (B | 44.88 | 76 | ↑P | P | 00 09 35.4 +0.5 | R18A | Canyonlands Na | 47.23 | 79 | ↓P | P | 00 09 53.0 -0.4 | |
| E18A | Harlowton | 42.45 | 70 | ↑P | GSC | Goldstone | 44.92 | 87 | ↓P | P | 00 09 34.9 -0.4 | X13A | Yucca | 47.23 | 86 | ↓P | P | 00 09 52.9 -0.6 | |
| ELK | Elko | 42.52 | 80 | eP | GSC | Goldstone | 44.92 | 87 | eP | P | 00 09 34.9 -0.4 | RSSD | Black Hills | 47.25 | 69 | eP | P | 00 09 53.3 -0.3 | |
| ELK | comp=Z,17nm,0.8s | pmax | pmax | 00 09 17.0 +1.0 | GSC | comp=Z,33nm,1.1s,mb5.1 | | | | | | RSSD | Black Hills | 47.25 | 69 | eP | P | 00 11 24.3 | |
| ELK | Elko | 42.52 | 80 | eP | GSC | Goldstone | 44.92 | 87 | eP | P | 00 09 34.9 -0.4 | RSSD | Black Hills | 47.25 | 69 | eP | P | 00 09 53.3 -0.2 | |
| L13A | Double Diamond | 42.53 | 77 | ↓P | JLU | Jordanelle | 44.92 | 78 | eP | P | 00 09 35.9 +0.7 | RSSD | Black Hills | 47.25 | 69 | eP | P | 00 11 24.3 +0.5 | |
| N12A | Clover Valley | 42.58 | 80 | ↓P | JLU | comp=Z,17nm,0.9s,mb4.3 | | | | | | W14A | Seligman | 47.29 | 85 | ↑P | PcP | 00 11 53.0 -1.0 | |
| N12A | Clover Valley | 42.58 | 80 | eP | NLU | North Lily Min | 44.93 | 79 | eP | PcP | 00 11 16.3 +0.6 | V15A | Kaibab Nationa | 47.46 | 83 | ↑P | P | 00 09 55.3 0.0 | |
| O11A | Cowboy Ranch, | 42.63 | 81 | ↑P | L18A | Fontelle, Gr | 44.99 | 75 | ↓P | P | 00 09 35.8 0.0 | ULN | Ulanbaatar | 47.49 | 297 | eP | P | 00 09 54.4 -1.0 | |
| H16A | Russell Place, | 42.68 | 73 | ↓P | P15A | Leamington | 45.09 | 79 | ↑P | P | 00 09 37.2 +1.0 | ULN | ULN | | | | | 00 11 24.4 | |
| J15A | Blackfoot | 42.69 | 75 | ↑P | BFSO | Mount Baldy Ra | 45.08 | 89 | ↓P | P | 00 09 36.8 +0.2 | ULN | comp=Z,4.0nm,0.6s,mb4.5 | | | | | 00 09 54.4 -0.9 | |
| M13A | Montello | 42.81 | 78 | ↑P | O16A | Springville | 45.13 | 78 | ↑P | P | 00 09 37.1 +0.2 | ULN | comp=Z,4.5nm,0.6s,mb4.6 | | | | | 00 11 24.4 -0.2 | |
| M13A | Montello | 42.81 | 78 | eP | DAU | Daniels Canyon | 45.15 | 78 | eP | P | 00 09 38.5 +1.4 | ULN | Ulanbaatar | 47.49 | 297 | eP | PcP | 00 09 55.2 -0.2 | |
| YMR | Madison River | 42.86 | 73 | ↑P | DAU | comp=Z,27nm,0.9s,mb5.1 | | | | | | T17A | Navajo Res., N | 47.55 | 81 | ↑P | P | 00 09 55.5 -0.5 | |
| F18A | Big Timber | 42.92 | 70 | ↓P | DAU | Daniels Canyon | 45.15 | 78 | eP | P | 00 09 38.5 +1.4 | O21A | Padgett | 47.57 | 75 | ↑P | P | 00 09 55.8 -0.3 | |
| Q10A | Clear Creek Ra | 42.95 | 83 | ↓P | MPU | Maple Canyon | 45.16 | 78 | eP | P | 00 09 38.3 +1.2 | S18A | Hurst Farm, Bl | 47.61 | 80 | ↓P | P | 00 09 56.1 -0.3 | |
| L14A | Malta | 42.99 | 77 | ↑P | K19A | Absolon Red Bu | 45.17 | 73 | P | P | 00 09 36.8 -0.5 | R19A | Curtley Farnel | 47.68 | 79 | ↓P | P | 00 09 56.6 -0.3 | |
| I16A | Newdale | 42.99 | 74 | ↑P | M18A | Lyman | 45.27 | 76 | ↓P | P | 00 09 37.9 -0.1 | Y13A | Salome | 47.75 | 87 | ↑P | P | 00 09 57.2 -0.3 | |
| K15A | Arbon | 43.04 | 76 | ↑P | L19A | Farson | 45.29 | 75 | ↑P | P | 00 09 38.1 -0.1 | N22A | Wattenberg Ran | 47.82 | 74 | ↑P | P | 00 09 58.2 +0.2 | |
| YFT | Old Faithful | 43.06 | 73 | eP | S13A | Holt Ranch, En | 45.30 | 83 | ↑P | P | 00 09 38.0 -0.3 | W15A | Williams | 47.82 | 84 | ↑P | P | 00 09 58.1 +0.1 | |
| O12A | Currie | 43.10 | 80 | ↓P | Q15A | Fillmore | 45.33 | 80 | ↑P | P | 00 09 39.4 +0.9 | PV04 | Paradox Valley | 47.83 | 78 | eP | P | 00 09 58.0 -0.1 | |
| M14A | Sheep Mountain | 43.23 | 78 | ↓P | ARUT | Antelope Range | 45.42 | 82 | eP | P | 00 09 40.1 +0.8 | Q20A | Ridgely Place, | 47.85 | 77 | ↓P | P | 00 09 57.7 -0.5 | |
| J16A | Bone | 43.26 | 75 | ↑P | ARUT | Antelope Range | 45.42 | 82 | eP | P | 00 09 40.1 +0.8 | SOMN | Songino Array | 47.88 | 298 | P | P | 00 09 57.8 -0.6 | |
| IMW | Indian Meadow | 43.31 | 73 | eP | ARUT | comp=Z,5.0nm,0.5s,mb4.6 | | | | | | SOMN | comp=Z,12nm,0.8s,baz=88,slo=2.1,SNR=15 | | | | | 00 11 25.5 -0.4 | |
| IMW | S10A | 43.39 | 74 | eP | V11A | Goodsprings | 45.43 | 86 | ↓P | P | 00 09 39.6 +0.3 | SOMN | comp=Z,2.4nm,0.8s,baz=36,slo=3.3,SNR=5.1 | | | | | 00 15 17.6 +3.0 | |
| RR12 | Red Rider | 43.39 | 74 | ↓P | HEC | Hector,Ludlow | 45.52 | 87 | ↓P | P | 00 09 40.2 +0.1 | SOMN | comp=Z,2.4nm,0.8s,baz=36,slo=3.3,SNR=5.1 | | | | | 00 31 34.3 | |
| Q11A | Duckwater | 43.40 | 82 | ↓P | K20A | Yellowstone Ra | 45.57 | 73 | ↓P | P | 00 09 39.4 -1.0 | U17A | Shonto | 47.89 | 81 | ↓P | P | 00 09 58.6 0.0 | |
| HVU | Hansel Valley | 43.42 | 77 | eP | T13A | Saint George | 45.62 | 83 | ↑P | P | 00 09 40.6 -0.3 | U16A | Tuba City | 47.90 | 82 | ↑P | P | 00 09 58.0 -0.6 | |
| HVU | comp=Z,13nm,0.6s,mb4.8 | | | | CCUT | Cedar City | 45.62 | 82 | eP | P | 00 09 41.4 +0.6 | X14A | Yavapai | 47.90 | 85 | ↓P | P | 00 09 58.5 -0.1 | |
| HVU | Hansel Valley | 43.42 | 77 | eP | MURC | Murrieta | 45.79 | 89 | ↓P | P | 00 09 42.6 +0.4 | T18A | Mexican Hat | 47.93 | 80 | ↑P | P | 00 09 59.1 -0.6 | |
| P12A | McGill | 43.48 | 81 | ↓P | TMUT | Trail Mountain | 45.79 | 89 | eP | P | 00 09 44.0 +1.3 | N23A | Red Feather La | 48.07 | 74 | ↑P | P | 00 10 00.2 +0.3 | |
| L15A | Malad City | 43.52 | 77 | P | U12A | Nelson | 45.86 | 85 | ↓P | P | 00 09 42.1 -0.7 | S19A | Harvey Farm, M | 48.10 | 79 | ↓P | P | 00 10 00.5 +0.4 | |
| K16A | Soda Springs | 43.53 | 75 | ↑P | V13A | Pakoon Wash | 45.97 | 84 | ↓P | P | 00 09 43.4 -0.2 | WUAZ | Wupatki | 48.15 | 83 | ↑P | P | 00 10 00.4 -0.3 | |
| TPAW | Teton Pass | 43.53 | 74 | eP | GMRC | Granite Mounta | 45.97 | 87 | ↑P | P | 00 09 43.0 -0.6 | WUAZ | Wupatki | 48.15 | 83 | eP | P | 00 10 00.7 +0.1 | |
| TPAW | RLMT | 43.62 | 71 | eP | O18A | Roosevelt | 46.00 | 77 | ↓P | P | 00 09 44.4 +0.6 | O22A | Kremmling | 48.16 | 75 | ↓P | P | 00 10 00.7 +0.1 | |
| RLMT | Red Lodge | 43.62 | 71 | eP | P17A | Butcher Ranch, | 46.04 | 78 | P | P | 00 09 45.0 +0.9 | PV01 | Paradox Valley | 48.20 | 78 | eP | P | 00 10 00.8 -0.2 | |
| ISA | Isabella | 43.65 | 88 | eP | T14A | Hurricane | 46.10 | 83 | ↓P | P | 00 09 44.8 +0.2 | Z13A | Yuma Proving G | 48.26 | 87 | ↑P | P | 00 10 01.0 -0.5 | |
| ISA | Isabella | 43.65 | 88 | eP | Q16A | Castle Valley | 46.12 | 79 | ↑P | P | 00 09 45.5 +0.7 | ULM | Lac du Bonnet | 48.27 | 58 | eP | P | 00 10 00.2 -1.0 | |
| REDW | Red Top Meadow | 43.66 | 74 | eP | N19A | John Jarvie Ra | 46.12 | 76 | ↑P | P | 00 09 43.8 -1.0 | ULM | comp=Z,3.22nm,19.3s,baz=297,slo=38 | | | | | 00 10 00.1 -1.2 | |
| SNOW | Snow King Mount | 43.67 | 74 | eP | P18A | Preston Nutter | 46.24 | 78 | ↓P | P | 00 09 45.5 -0.2 | R20A | Redvale | 48.28 | 78 | ↑P | P | 00 10 01.1 -0.5 | |
| LOHW | Long Hollow | 43.67 | 74 | eP | PFO | Pinyon Flat Ob | 46.25 | 89 | eP | P | 00 09 45.6 -0.2 | X15A | Humboldt | 48.29 | 83 | ↑P | P | 00 10 01.2 -0.5 | |
| N14A | Grayback Hills | 43.71 | 78 | ↓P | PFO | Pinyon Flat Ob | 46.25 | 89 | eP | P | 00 10 00.1 -1.7 | W16A | Flagstaff | 48.33 | 84 | ↑P | P | 00 10 02.1 +0.1 | |
| R11A | Troy Canyon, C | 43.75 | 83 | P | PFO | comp=Z,19nm,1.4s,mb4.8 | | | | | | Q21A | Lamborn Mesa, | 48.36 | 77 | ↑P | P | 00 10 02.1 -0.1 | |
| BGU | Big Grassy Mout | 43.76 | 78 | eP | BELC | Belle Mtn, Jos | 46.27 | 88 | ↑P | P | 00 10 00.1 -1.7 | V17A | Tonalea, Kykot | 48.44 | 82 | ↓P | P | 00 10 02.8 -0.1 | |
| Q12A | Willow Creek R | 43.79 | 82 | ↑P | V13A | Grand Canyon W | 46.32 | 85 | ↑P | P | 00 09 46.0 -0.3 | U18A | Rough Rock, Ch | 48.49 | 81 | ↓P | P | 00 10 03.2 0.0 | |
| AHID | Auburn Hatcher | 43.86 | 75 | ↑P | R16A | Teasdale | 46.32 | 80 | ↑P | P | 00 09 47.2 +0.8 | O23A | Lake Granby, G | 48.50 | 74 | ↑P | P | 00 10 04.2 +0.9 | |
| MPMC | Manual Prospec | 44.01 | 87 | ↓P | M20A | Sweetwater, Wa | 46.36 | 75 | ↑P | P | 00 09 46.2 -0.4 | SMCO | Snowmass | 48.51 | 76 | eP | P | 00 10 01.8 -1.5 | |
| P13A | Bates Ranch, G | 44.04 | 81 | P | SRU | Rafter H Ranch | 46.39 | 79 | ↑P | P | 00 09 46.6 -0.3 | S20A | Disappointment | 48.52 | 79 | ↓P | P | 00 10 02.9 -0.5 | |
| I18A | Diamond G Ranch | 44.09 | 73 | ↑P | SRU | San Rafael | 46.39 | 79 | eP | P | 00 09 47.5 +0.6 | MOY | Mondy | 48.57 | 305 | eP | P | 00 10 05.0 +1.4 | |
| L16A | Fish Haven | 44.09 | 76 | ↑P | SRU | comp=Z,18nm,0.7s,mb5.1 | | | | | | Y15A | Casa Rosa Ranc | 48.58 | 85 | ↓P | P | 00 10 03.6 -0.4 | |
| N15A | Stansbury Isia | 44.10 | 78 | ↑P | SRU | San Rafael | 46.39 | 79 | eP | P | 00 09 47.5 +0.6 | TIA | Taian | 48.63 | 279 | eP | P | 00 10 04.0 -0.3 | |
| FURC | Furnace Creek, | 44.14 | 86 | ↓P | U14A | Mt Trumbull | 46.45 | 83 | ↓P | P | 00 09 47.0 -0.4 | TIA | comp=Z,49nm,1.1s,mb5.5 | | | | | 00 10 04.5 0.0 | |
| DL2 | Dalian | 44.15 | 279 | P | O19A | Miners Draw (B | 46.52 | 76 | ↑P | P | 00 09 47.7 -0.1 | Q22A | Crested Butte, | 48.75 | 77 | ↓P | P | 00 10 05.5 +0.3 | |
| DL2 | DL2 | | | | T15A | Red Dirt Ranch | | | | | | | | | | | | | |

12d Oh

2008 JUL

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like Y16A Circle Bar Ran, R22A Saguache, Gunn, AGMN Agassiz Nation, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like 220A Playas Peak, P, 52.33 84, Z22A Elephant Butte, 52.38 82, Y23A Lovelock Mesa, 52.48 81, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like JMTA, GTA, Terlingua, etc.

Table with columns for station code, name, frequency, and other details. Includes stations like ABKT Ailbek, KIV Kislovodsk, KECS Kecoovo, etc.

Table with columns for station code, name, frequency, and other details. Includes stations like TLR TLR, MTJD Mount Denham, MLR Muntele Rosu, etc.

Table with columns for station code, name, frequency, and other details. Includes stations like VIVF Saint-Julien-I, VBF Saint-Julien-I, MBDF Montbardon, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BINGOL, Erzurum, Bingol, Kop Dag, etc.

MAN 12 00:32:59, 8.39N, 125.83E, h15km, mb4.5, ML3.4, MS3.3, ID, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BUTP, Musuan, Gagayan de Oro, etc.

ISCJB 12 00:38:14.0, 0.4, 38.07N, 0.03, 21.56E, 0.03, h10km, 3km, Error ellipse: s-maj=5.5km s-min=3.5km az=171.1

ATH 12 00:38:13.9, 38.04N, 21.55E, h11km, MD2.9, Error ellipse: s-maj=4.2km s-min=3.0km az=176.0

CSEM 12 00:38:13.8, 0.2, 38.06N, 21.56E, h15km, MD2.9, Error ellipse: s-maj=4.2km s-min=3.0km az=176.0

NEIC 12 00:38:13.9, 38.04N, 21.55E, h11km, MD2.9(ATH), After ATH

THE 12 00:38:14.4, 38.05N, 21.58E, h11km, 10km, ML2.5/5, Error ellipse: s-maj=10.8km s-min=0.6km az=19.0

ISC 12 00:38:14.2, 0.5, 38.06N, 0.03, 21.56E, 0.03, h14km, 4km, n33, 0.977/58, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RLS, UP, LAKA, Efpalio, etc.

IDC 12 00:44:09.4, 3.4, 22.28N, 143.85E, h94km, 25km, mb3.4, 2.7, mb1 3.5/8, mb1mx3.4/22, mbtmp3.5/8, Error ellipse: s-maj=83.0km s-min=16.0km az=81.0, Volcano Islands region

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

DDA 12 00:50:29.5, 38.82N, 40.32E, h7km, 5km, MD3.0

ISCJB 12 00:50:30.7, 0.4, 38.85N, 0.03, 40.30E, 0.04, h21km, 5km, Error ellipse: s-maj=5.4km s-min=4.5km az=154.4

ISK 12 00:50:30.0, 38.91N, 40.22E, h17km, MD2.9

CSEM 12 00:50:30.4, 0.1, 38.84N, 40.25E, h19km, MD2.9, Error ellipse: s-maj=2.6km s-min=1.6km az=139.0

ISC 12 00:50:30.5, 0.5, 38.84N, 0.03, 40.29E, 0.03, h17km, 4km, n21, 0.985/38, Turkey

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

IDC 12 00:58:46.3, 3.8, 44.11N, 149.34E, h0km, mb3.7/6, mb1 3.9/6, mb1mx3.6/23, mbtmp3.7/6, Error ellipse: s-maj=117.1km s-min=34.6km az=1.0

ISCJB 12 00:58:50.8, 2.8, 44.1N, 0.6, 149.2E, 0.2, h33km, mb3.8/10, Error ellipse: s-maj=83.2km s-min=24.5km az=178.0

NEIC 12 00:58:51.6, 2.2, 44.11N, 149.26E, h35km, mb3.9/3, Error ellipse: s-maj=69.6km s-min=18.3km az=179.0

ISC 12 00:58:52.3, 2.8, 44.33N, 0.6, 149.3E, 0.2, h35km, n12, 0.950/12, mb3.8/10, Kuril Islands

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

ISCJB 12 01:00:37.3, 1.6, 23.6S, 0.1, 179.9E, 0.2, h533km, 17km, mb4.2/10, Error ellipse: s-maj=22.8km s-min=17.7km az=156.1

IDC 12 01:00:38.3, 2.6, 23.64S, 179.97E, h530km, 28km, mb3.6/7, mb1 3.8/9, mb1mx3.6/16, mbtmp3.7/9, Error ellipse: s-maj=31.8km s-min=19.8km az=10.0

NEIC 12 01:00:38.0, 1.3, 23.63S, 180.00E, h533km, 14km, mb4.6/4, Error ellipse: s-maj=19.5km s-min=14.1km az=197.0

ISC 12 01:00:39.3, 1.6, 23.8S, 0.1, 179.9E, 0.2, h537km, 17km, n22, 0.989/17, mb4.2/10, 1C, South of Fiji Islands

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

ISC 12 01:02:54.4, 37.04N, 29.22E, h9km, MD3.0

ISCJB 12 01:02:55.0, 0.6, 37.01N, 0.03, 29.19E, 0.04, h4km, 7km, Error ellipse: s-maj=5.8km s-min=4.9km az=176.0

DDA 12 01:02:55.4, 36.99N, 29.17E, h7km, 4km, MD2.9

CSEM 12 01:02:55.1, 0.2, 37.01N, 29.21E, h10km, MD3.0, Error ellipse: s-maj=4.2km s-min=3.2km az=13.0

ISC 12 01:02:55.6, 0.5, 37.01N, 0.03, 29.20E, 0.04, h8km, 6km, n30, 0.988/45, Turkey

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

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

IDC 12 01:59:07.2, 2.3, 22.03N, 143.23E, h258km, 19km, mb3.2/7, mb1 3.3/8, mb1mx3.1/22, mbtmp3.5/8, Error ellipse: s-maj=70.8km s-min=16.4km az=82.0, Volcano Islands region

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

IDC 12 02:17:31.8, 7.4, 30.61S, 179.11W, h0km, mb3.6/2, mb1 3.9/2, mb1mx3.7/12, mbtmp3.6/2, Error ellipse: s-maj=306.7km s-min=56.7km az=157.0, Kermadec Islands region

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

IDC 12 02:20:39.4, 35.0, 34.63N, 72.05E, h0km, mb3.8/4, mb1 3.7/5, mb1mx3.4/23, mbtmp3.6/5, ML2.7/1, Error ellipse: s-maj=64.7km s-min=43.3km az=157.0

ISCJB 12 02:21:06.3, 0.8, 36.67N, 0.08, 71.2E, 0.1, h101km, 11km, mb3.6/4, Error ellipse: s-maj=22.6km s-min=6.0km az=34.5

NEIC 12 02:21:07.2, 1.1, 36.56N, 71.35E, h109km, 11km, mb4.1/8, Error ellipse: s-maj=26.5km s-min=9.3km az=130.0

NINC 12 02:21:13.2, 2.9, 37.50N, 70.78E, h0km, mb3.9, mpv3.9, Error ellipse: s-maj=23.7km s-min=23.0km az=49.0

ISC 12 02:21:07.9, 0.8, 36.68N, 0.08, 71.1E, 0.1, h99km, 10km, n32, 0.998/41, mb3.6/4, 5C, Afghanistan-Tajikistan border region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KURK Kurchatov, ABKAR Akbulak array, JOFS Joensuu, etc.

NIED 12 03:03:00.36:40N:141:40E, h35km, Mw4.3 Best double couple: Ms3.53000:10P15:28.00000, d73.00000, 1.95.00000. NP2:192.00000, d18.00000, 1.75.00000.

IDC 12 03:03:13.1:0.6, 36:36N:141:41E, h0km, mb4.2/19, mb1.4, 3/23, mb1mx4.3, mb0mp4.3/23, ML4.3/4, MS3.3/5, Ms1.3, 3/5, ms1mx3.0/30, Error ellipse: s-maj=15.2km

ISCJB 12 03:03:15.3:0.9, 36:39N:0:03:141:55E:0:04, h29km, 6km, mb4.4/52, MS3.6, Error ellipse: s-maj=5.8km

BUI 12 03:03:15.9, 36:44N:141:30E, h24km, mb4.5/11, mb4.6/18, Ms4.3/2, Ms7.4/2,2

MOS 12 03:03:15.9:1.1, 36:41N:141:51E, h33km, mb4.6/31, Error ellipse: s-maj=11.3km s-min=7.0km az=113.1

NEIC 12 03:03:17.4:2.1, 36:37N:141:41E, h29km, 14km, mb4.5/23, MW4.3(NIED), Error ellipse: s-maj=8.4km s-min=6.1km az=138.0

NEIC Recorded (1 JMA) in Ibaraki and Tochigi. JMA 12 03:03:17.3:0.1, 36:39N:141:39E, h48km, 3km, M4.2

JMA Felt J1. ISC 12 03:03:16.2:0.9, 36:38N:0:03:141:48E:0:04, h20km, 5km, m130, c089/143, mb4.4/52, MS3.5, 1C-9D, Near east coast of eastern Honshu

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WHN Wuhan, WHN Wuhan, HHC Hu-ho-hao-te, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NALS Novosibirsk, MKR1 Makanchi Array, MKR1 Makanchi Array, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AML Almayasha, INK Inuvik, INK Inuvik, etc.

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AKASG Malin Array Be, AKASG Malin Array Be, AKASG Malin Array Be, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CRVS Cerivenica-Dubn, CRVS Cerivenica-Dubn, CRVS Cerivenica-Dubn, etc.

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

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

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

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

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

IDC 12 03:21:14.9:1.3, 14:35N:122:74E, h0km, mb3.9/4, mb1.9/4, mb1mx3.6/21, mbmp3.9/4, Error ellipse: s-maj=31.2km s-min=21.8km az=55.0, Luzon

12d 5h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSMR Kasumkent, MTA Mtatsminda, TBLG Delisi, etc.

IDC 12 05:14:07.0-14.0, 10.95N-92.27E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.3/21, mbtmp3.4/3, Error ellipse: s-maj=765.4km s-min=30.5km az=60.0, Andaman Islands region

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

NIED 12 05:18:00.24-20N, 121.50E, h35km, Mw4.6 Best double couple: M8.57000x1015 NP1.0620000, 890.00000, 7.86.00000... JMA 12 05:18:28.5-0.4, 24.18N, 121.53E, h23km, ML4.9 IDC 12 05:18:28.5-0.7, 24.28N, 122.04E, h0km, mb4.1/15, mb1 4.2/15, mb1mx4.1/22, mbtmp4.0/15, MS4.0/21, MS1 4.0/21, ms1mx3.7/43, Error ellipse: s-maj=31.9km s-min=15.7km az=64.0

ISCJTB 12 05:18:30.8-0.3, 24.23N, 121.86E, h0.02, h5km, 2km, mb4.0/22, MS4.0/20, Error ellipse: s-maj=2.9km s-min=2.0km az=30.0 TAP 12 05:18:30.7, 24.20N, 121.81E, h7km, ML4.5, C NEIC 12 05:18:30.2-0.5, 24.19N, 121.88E, h10km, mb4.3/7, ML4.5(TAP), Error ellipse: s-maj=8.8km s-min=6.3km az=99.0

NEIC Felt at Pan-ch'iao, Recorded [4 TAP] in I-lan, [3 TAP] in Hua-lien and [1 TAP] in Tai-pai. BUJ 12 05:18:32.0, 24.43N, 121.75E, h9km, mb4.6/13, mb4.2/16, ML4.2/7, Ms4.6/23, Ms7.4/5/22

ISC 12 05:18:31.4-0.3, 24.22N, 121.85E, h0.02, h6km, 2km, n122, c1915/156, mb4.0/22, MS4.0/20, 7C-3D, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EHP Heping Village, ENA Nanau, ENA, NACB Ninganchiao, TWD Chiawan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SSSL Suanglung, SMLT Sun Moon Lake, SMTL, WLS1 Kuangyinshan, NCU National Centr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHN4, TPUB Ta-pu, WTCT Ta-ch'eng, WTP Ta-pu, WTP, TWK Pinlang, TWG Hsiinying, etc.

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Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NJ2, WHN Wuhan, QIZ Qiongzong, DAV Davao City (W), SNY Shenyang, MJAR Matsushiro Arr, HHC Hu-ho-hao-te, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EHP Heping Village, EHP, ENA Nanau.

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

DDA 12 05:27:37.9,37.11N:30.77E,h17km,5km,MD3.1
ISCJB 12 05:27:38.8,0.6,37.16N:0.03:30.75E:0.04,h3km,6km,
Error ellipse: s-maj=5.3km s-min=4.8km az=8.7

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

BJJ 12 05:38:47.5,51.81N:159.29E,h11km,mb4.8/22,mb4.8/38,
Ms4.3/22,Ms7.4/2/22
IDC 12 05:38:47.0,0.6,51.63N:159.45E,h0km,mb4.5/26,
mb1.4,6/27,mb1mx4.6/30,mbtmp4.5/27,ML4.2/1,MS4.0/11,
Ms1.4,0/11,ms1mx3.7/31,Error ellipse: s-maj=16.7km
s-min=12.5km az=138.0

MOS 12 05:38:47.6,1.3,51.57N:159.34E,h14km,mb4.9/66,Error
ellipse: s-maj=8.5km s-min=4.2km az=94.8

KRSC 12 05:38:48.0,0.7,51.46N:159.32E,h16km,16km,ML5.0
NEIC 12 05:38:49.7,2.5,51.62N:159.44E,h16km,15km,mb4.6/63,
Error ellipse: s-maj=7.1km s-min=4.5km az=159.0

ISCJB 12 05:38:50.7,0.5,51.47N:0.03:159.66E:0.05,h41km,3km,
mb4.6/133,MS4.1/28,Error ellipse: s-maj=6.8km
s-min=3.8km az=139.5

SZGRF 12 05:39:16.8,54.02N:152.73E,h33km,mb4.8,Sea of
Okhotsk

ISC 12 05:38:53.4,0.5,51.57N:0.04:159.52E:0.05,h44km,3km,
h24km,2.2km:p-P,n355,0195/375,mb4.6/133,MS4.1/28,
29C-12D,Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like GRG, PET, INS, NLC, AVH, MIPR, SKR, GNL, KII, ALID, MKZ, KMN, BZMR, KPT, KOZ, KOZR, ZLN.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CIRR, KRKR, SRDR, KLY, KBTR, BDR, SMKR, SRKR, SMY, YSS.

ASAJ Asahikawa 13.58 243 Pn Pn 05 42 02.2 -0.9
ASAJ Asahikawa 13.58 243 Pn Pn 05 42 02.2 -0.9

ERM Erimo 14.70 236 Pn Pn 05 42 17.2 -1.1
HABR Khabarovsk 16.01 268 Pn Pn 05 42 30.1 -5.1

BILL Bilibino 16.84 9d eP S P 05 42 52.0 -8.3

BILL KLR 17.82 273 eP Pn 05 42 45.2 -0.4

YAK Yakutsk 19.22 315 eP Pn 05 43 10.8 -3.8

VLA Vladivostok 20.45 256 eP Pmax 05 43 23.7 -3.1

CLNS Chul'man 20.77 298 eP P 05 43 28.9 -1.3

MDJ Mudanjiang 21.06 263 P Pmax 05 43 30.6 -2.9

MAJO Matsuhiro 21.34 234 eP Pmax 05 43 36.6 0.0

MAT Matsuhiro 21.34 234 P S 05 43 36.4 -0.2

MJAR Matsuhiro Arr 21.34 234 P P 05 43 36.5 -0.1

MJAR Matsuhiro Arr 21.34 234 P Pmax 05 43 36.5 0.0

MJAR Matsuhiro Arr 21.34 234 P P 05 43 36.5 -0.1

MJAR Matsuhiro Arr 21.34 234 P P 05 43 36.5 -0.1

MJAR Matsuhiro Arr 21.34 234 P P 05 43 36.5 -0.1

MJAR Matsuhiro Arr 21.34 234 P P 05 43 36.5 -0.1

MJAR Matsuhiro Arr 21.34 234 P P 05 43 36.5 -0.1

MJAR Matsuhiro Arr 21.34 234 P P 05 43 36.5 -0.1

MJAR Matsuhiro Arr 21.34 234 P P 05 43 36.5 -0.1

MJAR Matsuhiro Arr 21.34 234 P P 05 43 36.5 -0.1

MJAR Matsuhiro Arr 21.34 234 P P 05 43 36.5 -0.1

MJAR Matsuhiro Arr 21.34 234 P P 05 43 36.5 -0.1

MJAR Matsuhiro Arr 21.34 234 P P 05 43 36.5 -0.1

MJAR Matsuhiro Arr 21.34 234 P P 05 43 36.5 -0.1

MJAR Matsuhiro Arr 21.34 234 P P 05 43 36.5 -0.1

MJAR Matsuhiro Arr 21.34 234 P P 05 43 36.5 -0.1

MJAR Matsuhiro Arr 21.34 234 P P 05 43 36.5 -0.1

MJAR Matsuhiro Arr 21.34 234 P P 05 43 36.5 -0.1

MJAR Matsuhiro Arr 21.34 234 P P 05 43 36.5 -0.1

MJAR Matsuhiro Arr 21.34 234 P P 05 43 36.5 -0.1

MJAR Matsuhiro Arr 21.34 234 P P 05 43 36.5 -0.1

MJAR Matsuhiro Arr 21.34 234 P P 05 43 36.5 -0.1

MJAR Matsuhiro Arr 21.34 234 P P 05 43 36.5 -0.1

MJAR Matsuhiro Arr 21.34 234 P P 05 43 36.5 -0.1

MJAR Matsuhiro Arr 21.34 234 P P 05 43 36.5 -0.1

MJAR Matsuhiro Arr 21.34 234 P P 05 43 36.5 -0.1

MJAR Matsuhiro Arr 21.34 234 P P 05 43 36.5 -0.1

MJAR Matsuhiro Arr 21.34 234 P P 05 43 36.5 -0.1

MJAR Matsuhiro Arr 21.34 234 P P 05 43 36.5 -0.1

MJAR Matsuhiro Arr 21.34 234 P P 05 43 36.5 -0.1

MJAR Matsuhiro Arr 21.34 234 P P 05 43 36.5 -0.1

MJAR Matsuhiro Arr 21.34 234 P P 05 43 36.5 -0.1

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BJJ, EGAK, DAWY, ULN, ULN, SONM, SONM, SONM, SONM, SONM, SONM.

TLY Talaya 33.96 293 eP S P 05 45 31.1 -1.1

TLY Talaya 33.96 293 eP S P 05 45 31.1 -1.1

TLY Talaya 33.96 293 eP S P 05 45 31.1 -1.1

TLY Talaya 33.96 293 eP S P 05 45 31.1 -1.1

TLY Talaya 33.96 293 eP S P 05 45 31.1 -1.1

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TLY Talaya 33.96 293 eP S P 05 45 31.1 -1.1

TLY Talaya 33.96 293 eP S P 05 45 31.1 -1.1

TLY Talaya 33.96 293 eP S P 05 45 31.1 -1.1

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like TATI Taipei, TATI TATI, TWY Chenhua, etc.

NEIC 12 06:18:45.5:8.1,24.75N:122.32E,h10km, MG3.2(JMA), Error ellipse: s-maj=98.1km s-min=17.3km az=69.0

JMA 12 06:18:47.8:0.2,24.94N:121.99E,h103km,M3.2 TAP 12 06:18:47.3:24.92N,121.91E,h106km,ML1.1,C

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like TWB1 Santiao Chiao, TWB1 baz=42, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like TATO Taipei, TATO TATO, TWY Chenhua, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like JTA Tarama, JTA Tarama, JTA Tarama, etc.

MEX 12 07:23:15.3:0.6,16.54N:100.80W,h16km,63km,MD3.9, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like CAIG El Cayaco, CAIG Acapulco, etc.

CASC 12 07:30:39.4:1.7,8.43N:82.97W,h7km,MD3.6,1C, Panama-Costa Rica border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like BRU2 Volcan, BRU2 Volcan, etc.

NEIC 12 07:35:48.7:4.2,0.24:15N:121.84E,h10km, Error ellipse: s-maj=26.5km s-min=3.4km az=87.0

12d 8h

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists various stations like EHP Heping Village, NACB Ninganchiao, ENA Nanau, etc.

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Table with columns: PZNG, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes station data and regional alerts like 'IDC 12 07:38:05.0.2.4, 16:195x178:39W, h0km, mb3.6/4...'.

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Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like GYA Chiang Mai Arr, COLA College, PDAR Pinedale Array, etc.

Table with columns: Station Name, Az, El, AzM, ElM, SNR, Error, etc. Includes stations like BAYA Yate Dam, DZM Mont Dzumac, NOUC Port Laguerre, etc.

Table with columns: Station Name, Az, El, AzM, ElM, SNR, Error, etc. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, QSPA South Pole Qui, etc.

Table with columns: Station Name, Az, El, AzM, ElM, SNR, Error, etc. Includes stations like NJ2 Giongzhong, QIZ Stephens Creek, QIZ Stephens Creek, etc.

MOS 12 08:42:31.1±0.1, 10.755S:161.54E, h33km, mb5.3/37, Error ellipse: s-maj=11.0km s-min=9.3km az=81.5

FITZ Fitzroy Crossi 35.68 254 eP comp=Z,54nm,0.8s,mb5.5

NJ2 Giongzhong 59.06 300 P comp=Z,180nm,16.7s,MS4.3

ISC 12 08:42:33.1±0.1, 10.715S:161.69E, h48km, mb5.1/129, MS4, 4/29, Error ellipse: s-maj=4.8km

FITZ Fitzroy Crossi 35.68 254 eP comp=Z,148nm,0.9s,mb5.9

QIZ Stephens Creek 28.12 218 eP comp=Z,8.0nm,0.6s,mb4.5

NEIC 12 08:42:34.3±0.2, 10.645S:161.79E, h49km, mb4.4/20, mb1.4/5.2, ms1mx4.4/22, mbtmp4.4/20, MS4, 2/16, Ms1.4/2.16, ms1mx1.1/26, Error ellipse: s-maj=17.0km

FITZ Fitzroy Crossi 35.68 254 eP comp=Z,8.7nm,0.8s,mb5.7

QIZ Stephens Creek 28.12 218 eP comp=Z,7.3nm,0.6s,mb4.5

GCMT 12 08:42:35.9±0.2, 10.755S:161.80E, h53km, mb5.1/129, MS4, 4/29, Moment Tensor Solution: s74,c113; s89,c134; Moment tensor: Scale 10^17Nm; Mrr:0.00; Mth:0.00; Mtt:0.00; Best double couple: Mrr:1.20000*10^17, Mth:0.00000*10^17, Mtt:0.00000*10^17

FITZ Fitzroy Crossi 35.68 254 eP comp=Z,54nm,0.8s,mb5.5

QIZ Stephens Creek 28.12 218 eP comp=Z,8.0nm,0.6s,mb4.5

DJA 12 08:42:40.10, 10.775S:161.93E, h95km, mb5.4/36

FITZ Fitzroy Crossi 35.68 254 eP comp=Z,54nm,0.8s,mb5.5

QIZ Stephens Creek 28.12 218 eP comp=Z,8.0nm,0.6s,mb4.5

Table with columns for station ID, name, coordinates, and various signal quality metrics (e.g., SNR, elevation, azimuth).

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Table with columns for station ID, name, coordinates, and various signal quality metrics (e.g., SNR, elevation, azimuth).

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KURK Kurchatov, HUKA Lima, CHMT Chamberlain Mo, etc.

IDC 12 09:12:43.3; 1.1, 0.4; 23N; 123.76E, h627km, 210km, mb2.8/5, mb1 2.8/5, mb1mx2.6/21, mbtmp2.8/5, Error ellipse: s-maj=290.8km s-min=48.7km az=67.0, Celebes Sea

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

ISCJB 12 09:18:25.9; 0.6, 5.1; 70N; 0.08; 75.52E; 0.07, h10km, Error ellipse: s-maj=11.7km s-min=5.0km az=22.2, NNC 12 09:18:25.9; 1.1, 5.1; 05N; 75.06E, h0km, mb3.2, mpv2.8, Error ellipse: s-maj=43.4km s-min=9.7km az=28.0

IDC 12 09:18:26.7; 0.8, 5.1; 82N; 75.47E, h0km, mb1 2.9/4, mb1mx2.8/26, mbtmp2.9/4, ML2.9/4, Error ellipse: s-maj=29.4km s-min=7.0km az=28.0

ISC 12 09:18:27.9; 0.6, 5.1; 70N; 0.08; 75.46E; 0.07, h10km, n9, 0123/19, 7C-6D, Eastern Kazakhstan

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KURK Kurchatov, VOSK Vostochnya, BVAR Borovoye Array, etc.

NIED 12 09:24:00, 41.30N; 143.00E, h29km, Mw4.4 Best double couple: M04.59000; 0.019, N1P1.96; 60.00000; 0.68; 0.00000, 1.1; 90.00000; N2P2.14; 0.00000; 0.24; 0.00000, 1.1; 14.00000

JMA 12 09:24:27.5; 0.2, 41.30N; 142.96E, h17km, 3km, M4.4 JMA Felt J1, ISCBJ 12 09:24:28.0; 4.0, 5.1; 29N; 0.03; 143.01E; 0.04, h41km, 4km, mb4.3/38, MS3.8/8, Error ellipse: s-maj=6.0km

MOS 12 09:24:28.5; 1.2, 41.36N; 142.92E, h40km, mb4.5/24, Error ellipse: s-maj=13.2km s-min=6.8km az=91.5, BUJ 12 09:24:30.3; 40.69N; 142.69E, h47km, mb4.6/5, mb4.6/6, Ms4.2/3, Ms7.3/8

NEIC 12 09:24:30.1; 0.3, 41.39N; 142.87E, h35km, mb4.6/10, MS4.2/1, MW4.4(NIED), Error ellipse: s-maj=7.8km s-min=5.2km az=135.0

NEIC Recorded [1 JMA] in southern Hokkaido, IDC 12 09:24:32.1; 1.6, 41.30N; 142.83E, h57km, 14km, mb3.8/20, M4.1 4.0/23, mb1mx3.9/31, mbtmp3.8/23, MS3.7/7, Ms1.3/6.7, ms1mx3.3/35, Error ellipse: s-maj=15.3km s-min=9.5km az=99.0

ISC 12 09:24:30.0; 0.4, 41.36N; 0.03; 142.97E; 0.04, h35km, 4km, h48km, 6.1km; p-P, n106, 0191/124, mb4.3/38, MS3.8/8, 10C-7D, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ERM Erimo, JEM Erimo, JNBK Urakawa-nobuka, etc.

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

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

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

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

MJAR Matsushiro Arr 6.08 219 P Pn 09 25 57.2 -0.1

MJAR Matsushiro Arr 6.08 219 P S Pn 09 25 57.2 -0.1

MJAR Matsushiro Arr 6.08 219 P S Pn 09 25 57.2 -0.1

MJAR Matsushiro Arr 6.08 219 P S Pn 09 25 57.2 -0.1

MJAR Matsushiro Arr 6.08 219 P S Pn 09 25 57.2 -0.1

MJAR Matsushiro Arr 6.08 219 P S Pn 09 25 57.2 -0.1

MJAR Matsushiro Arr 6.08 219 P S Pn 09 25 57.2 -0.1

MJAR Matsushiro Arr 6.08 219 P S Pn 09 25 57.2 -0.1

MJAR Matsushiro Arr 6.08 219 P S Pn 09 25 57.2 -0.1

MJAR Matsushiro Arr 6.08 219 P S Pn 09 25 57.2 -0.1

MJAR Matsushiro Arr 6.08 219 P S Pn 09 25 57.2 -0.1

MJAR Matsushiro Arr 6.08 219 P S Pn 09 25 57.2 -0.1

MJAR Matsushiro Arr 6.08 219 P S Pn 09 25 57.2 -0.1

MJAR Matsushiro Arr 6.08 219 P S Pn 09 25 57.2 -0.1

MJAR Matsushiro Arr 6.08 219 P S Pn 09 25 57.2 -0.1

MJAR Matsushiro Arr 6.08 219 P S Pn 09 25 57.2 -0.1

MJAR Matsushiro Arr 6.08 219 P S Pn 09 25 57.2 -0.1

MJAR Matsushiro Arr 6.08 219 P S Pn 09 25 57.2 -0.1

MJAR Matsushiro Arr 6.08 219 P S Pn 09 25 57.2 -0.1

MJAR Matsushiro Arr 6.08 219 P S Pn 09 25 57.2 -0.1

MJAR Matsushiro Arr 6.08 219 P S Pn 09 25 57.2 -0.1

MJAR Matsushiro Arr 6.08 219 P S Pn 09 25 57.2 -0.1

MJAR Matsushiro Arr 6.08 219 P S Pn 09 25 57.2 -0.1

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various parameters like SNR, error ellipse, and coordinates.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various parameters like SNR, error ellipse, and coordinates.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various parameters like SNR, error ellipse, and coordinates.

ISCJB 12 09:36:47.6,0.6,23.90S,0.04:66.80W,0.06,h190km,4km, mb4.0/16, Error ellipse: s-maj=9.3km s-min=6.8km az=154.7

IDC 12 09:36:48.7,1.5,23.93S:66.74W,h191km,13km,mb3.6/6, mb1.3/7.1,mb1mx3.6/18,mbtmp3.5/11, Error ellipse: s-maj=21.5km s-min=15.0km az=69.0

GUC 12 09:36:51.1,0.7,23.65S:67.23W,h225km,ML4.1 Error ellipse: s-maj=21.5km s-min=15.0km az=69.0

ISC 12 09:36:48.3,0.6,23.90S:0.04:66.76W,0.06,h180km,4km, n160,az76/163,mb4.0/16,73C-54D,Jujuy Province

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various parameters like SNR, error ellipse, and coordinates.

ISCJB 12 09:36:47.6,0.6,23.90S,0.04:66.80W,0.06,h190km,4km, mb4.0/16, Error ellipse: s-maj=9.3km s-min=6.8km az=154.7

IDC 12 09:36:48.7,1.5,23.93S:66.74W,h191km,13km,mb3.6/6, mb1.3/7.1,mb1mx3.6/18,mbtmp3.5/11, Error ellipse: s-maj=21.5km s-min=15.0km az=69.0

GUC 12 09:36:51.1,0.7,23.65S:67.23W,h225km,ML4.1 Error ellipse: s-maj=21.5km s-min=15.0km az=69.0

ISC 12 09:36:48.3,0.6,23.90S:0.04:66.76W,0.06,h180km,4km, n160,az76/163,mb4.0/16,73C-54D,Jujuy Province

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various parameters like SNR, error ellipse, and coordinates.

ISCJB 12 09:36:47.6,0.6,23.90S,0.04:66.80W,0.06,h190km,4km, mb4.0/16, Error ellipse: s-maj=9.3km s-min=6.8km az=154.7

IDC 12 09:36:48.7,1.5,23.93S:66.74W,h191km,13km,mb3.6/6, mb1.3/7.1,mb1mx3.6/18,mbtmp3.5/11, Error ellipse: s-maj=21.5km s-min=15.0km az=69.0

GUC 12 09:36:51.1,0.7,23.65S:67.23W,h225km,ML4.1 Error ellipse: s-maj=21.5km s-min=15.0km az=69.0

ISC 12 09:36:48.3,0.6,23.90S:0.04:66.76W,0.06,h180km,4km, n160,az76/163,mb4.0/16,73C-54D,Jujuy Province

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various parameters like SNR, error ellipse, and coordinates.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like PTH Pithoragarh, AML Alamyashu, AJM Ajmer, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like RAHZ Aarahi, TGRZ Tauranga, WIZ White Island, etc.

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

ISCJB 12 10:06:32.7-0.5,38.303:0.03:176.95E-0.05, h105km,5km, mb3.4/2, Arc error ellipse: s-maj=6.7km s-min=5.2km az=170.7

IDC 12 10:06:32.5-1.9,38.566:1.76:97E, h81km,10km,mb3.0/2, mb1 3.4/3, mb1mx3.3/12, mbtmp3.2/3, Error ellipse: s-maj=5.8km s-min=17.8km az=120.0

WEL 12 10:06:35.2-0.2,38.205:1.76:91E, h82km,1km,ML4.2/19, Error ellipse: s-maj=1.1km s-min=1.0km az=90.0

NEIC 12 10:06:35.2,38.205:1.76:91E, h82km,ML4.2(WEL), After WEL

NEIC Felt at Opotiki and Whakatane. ISC 12 10:06:33.8-0.5,38.303:0.03:176.93E, h95km,4km, n146, r134/154, mb3.4/2, 3C, North Island

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

ISCJB 12 10:24:48.1-1.7,34.39N:26.99E, h0km,mb3.9/8, mb1 3.8/11, mb1mx3.7/23, mbtmp3.8/11, ML3.7/3, MS2.6/1, Ms1 2.6/1, ms1mx2.0/35, Error ellipse: s-maj=37.6km s-min=20.8km az=25.0

ISCJB 12 10:24:51.9-0.4,34.25N:0.04:27.15E, h0.03, h58km,2km, mb3.6/8, Error ellipse: s-maj=6.2km s-min=3.9km az=72.2

ATH 12 10:24:53.3,34.42N:27.06E, h60km,9km CSEM 12 10:24:53.7-0.2,34.28N:27.10E, h60km,ML3.7, Error ellipse: s-maj=6.1km s-min=3.9km az=27.0

HLW 12 10:24:56.4,33.95N:27.18E, h33km,52km,MD3.2,MI3.7 ISC 12 10:24:53.4-0.3,34.27N:0.04:27.12E, h0.03, h47km,7km, n58, r087/78, mb3.6/8, Eastern Mediterranean Sea

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

FUNV 12 10:25:06.5, 10.41N:59.97W, h74km, MW3.6 ISCJB 12 10:25:07.9-1.0, 10.23N:0.05:60.31W, h0.07, h85km,10km, Error ellipse: s-maj=11.2km s-min=7.8km az=179.4

TRN 12 10:25:09.8, 10.30N:60.27W, h23km, MD3.6 NEIC 12 10:25:09.8, 10.34N:60.28W, h28km, MD3.6(TRN), After TRN

ISC 12 10:25:08.9-1.0, 10.24N:0.05:60.27W, h69km,14km, n27, r099/42, 7C, Trinidad

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like BRIG Brigand Hill, BRIG Brigand Hill, BOT Bacolet, etc.

12d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for various locations like Waganama, Pacitan, Yogyakarta, etc.

2008 JUL

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for various locations like Afiamalu, Afiamalu, Mont Dzumac, etc.

526

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for various locations like Sonm, Ulan, Mjars, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like LAKA, Efpalio, TRIZ, KALE, LKD, DSF, DZM, etc.

IDC 12 12:19:27.91.8,10725x124.62E,h0km,mb3.4/1, mb1 3.5/4,mb1mx3.4/14,mbtpp3.3/4,ML3.1/3,Arrival ellipse: s-maj=79.2km s-min=23.0km az=63.0,Timor region

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

IDC 12 12:22:47.5.2.2,18.57Sx168.35E,h0km,mb4.0/7, mb1 4.2/7,mb1mx3.4/14,mbtpp4.0/7,MS3.6/4,Ms1 3.6/4, ms1mx3.3/17, Error ellipse: s-maj=96.5km s-min=26.3km az=155.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like DZM, MONT, NOUC, FITZ, etc.

NIED 12 12:23:00.21.00N,121.10E,h8km,Mw4.0 Best double couple: M9.95000x1014 NP19x106.00000;849.00000, lambda-74.00000. NP2phi262.00000;844.00000, lambda-107.00000.

IDC 12 12:23:11.0.1.0,20.97N,120.98E,h0km,mb3.6/6, mb1 3.8/6,mb1mx3.6/21,mbtpp3.7/6,MS3.3/3,Ms1 3.3/3, ms1mx2.6/31, Error ellipse: s-maj=46.5km s-min=18.7km az=68.0

NEIC 12 12:23:12.1.0.7,21.10N,121.23E,h10km,MG4.2(JMA), Error ellipse: s-maj=30.5km s-min=9.2km az=83.0

ISCJTB 12 12:23:13.9.8.21,071N,105.121E,0.2,h35km, mb3.6/6,MS3.3/3, Error ellipse: s-maj=24.0km s-min=7.8km az=0.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like TWG, YULB, SSSL, NACB, etc.

IDC 12 12:47:26.8.2.3,6.85S,128.47E,h0km,mb3.4/1, mb1 4.0/4,mb1mx3.7/16,mbtpp3.8/4,ML3.9/2, Error ellipse: s-maj=100.9km s-min=29.0km az=74.0, Banda Sea

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

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

ISCJTB 12 12:48:57.0.2.7,11.04S,0.10,166.06E,0.1,h82km,22km, mb3.9/5, Error ellipse: s-maj=24.7km s-min=10.5km az=146.5

NEIC 12 12:48:57.9.1.6,10.88S,166.01E,h79km,14km,mb4.2/2, Error ellipse: s-maj=16.6km s-min=13.8km az=47.0

IDC 12 12:48:58.2.6.9,10.93S,166.01E,h82km,56km,mb3.7/6, Ms1 3.9/7,mb1mx3.7/17,mbtpp3.8/7,ML4.6/1,MS3.4/4, Ms1 3.4/4,ms1mx2.8/18, Error ellipse: s-maj=55.2km s-min=30.2km az=137.0

ISC 12 12:48:58.2.2.1,11.05S,0.10,166.0E,0.1,h81km,17km,n15, e0567/16,mb3.9/6,Santa Cruz Islands

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

ISCJTB 12 13:05:20.4.0.9,41.00N,0.04,200.15E,0.05,h10km, Error ellipse: s-maj=6.4km s-min=4.7km az=138.9

TIR 12 13:05:20.7.1.6,41.03N,20.31E,h37km,41km,ML3.2 CSEM 12 13:05:20.7.1,03N,20.31E,h37km,ML3.2, After TIR SKO 12 13:05:21.3.4,41.01N,20.15E,h14km,M1.7,ML2.2

ISC 12 13:05:21.1.1.0,40.99N,0.04,200.15E,0.06,h4km,12km, n13,e1512/24,Greece-Albania border region

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

12d 15sh

Table with columns: MAT, Matushiro, 4.89 322 P, Pn, 13 19 57.9 +0.3, etc. Includes stations like Matsushiro, Marumori, Chichi jima, etc.

KRSC 12 13:38:14.3-0.8,51.97N,158.87E,h38km,37km,ML3.5, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time Res, etc. Includes stations like GRL, PET, NLC, AVH, SPN, etc.

NEIC 12 13:51:22.1-0.7,32.65S,71.67W,h15km,ML3.4(GUC), After GUC

GUC 12 13:51:22.1-0.7,32.65S,71.67W,h15km,4km,MD3.6, ML3.4,5C-8D,Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time Res, etc. Includes stations like IHA, ROCH, LOS, CHNG, etc.

JACH Jahuel, JACH Jahuel, PEL Petdehue, etc.

Table with columns: SAN, TACH, TACH, CLOCH, etc. Includes stations like Talagante, Cerro Calan, etc.

ANTU Antumapu, ANTU Antumapu, etc.

Table with columns: FCH, PCH, PCH, CMCH, etc. Includes stations like Farellones, Pirque, Combarbala, etc.

LMEL Las Melosas, LMEL Las Melosas, etc.

Table with columns: CACH, CACH, CACH, etc. Includes stations like El Canelo, etc.

MAN 12 14:18:36,6.47N,125.65E,h32km,mb4.6,ML3.5,MS3.4, Mindanao

Table with columns: MATI, MATI, BUKP, BUKP, etc. Includes stations like Mati, Musuan, etc.

IDC 12 14:37:28.2-0.8,31.74N,104.45E,h0km,mb3.8/8, mb1.3/9.10, mb1mx3.7/26, mbtmp3.8/10, ML2.7/1, MS2.8/1, Ms1.2/8.1, ms1mx2.1/31, Error ellipse: s-maj=57.4km s-min=15.5km az=60.0

NEIC 12 14:37:30.9-4.0,31.70N,104.49E,h19km,27km,mb3.5/2, Error ellipse: s-maj=9.9km s-min=8.2km az=55.0

BUI 12 14:37:31.5,31.68N,104.35E,h21km,ML3.6/16,MS3.4/3, Ms7.3/3.3

ISC 12 14:37:28.7-1.1,31.65N,103.04E,0.05, h1km,7km, n23, r1910/31, mb3.9/8, Sichuan

Table with columns: CD2, Chengdu, CD2, CD2, etc. Includes station Chengdu.

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Table with columns: LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, etc. Includes stations like Lanzhou, Xi'an, etc.

CD2 comp=E,2um,0.5s smax

Table with columns: CD2, LZH, LZH, etc. Includes stations like Lanzhou, Xi'an, etc.

IDC 12 14:37:53.8-6.5,0.95N-97.71E,h0km,mb3.5/5,mb1.3/6/5, mb1mx3.4/20, mbtmp3.5/5, Error ellipse: s-maj=331.9km s-min=22.1km az=55.0, Northern Sumatra

GUC 12 14:43:29.2-0.6,23.42S,67.60W,h270km,ML3.5,2D, Chile-Argentina border region

Table with columns: WRA, ASAR, MKAR, KURK, ZALV, etc. Includes stations like Warramunga Arr, Alice Springs, etc.

ISCJB 12 15:08:58.3-0.8,32.95N,105.105E,0.06,h10km, mb3.5/3, Error ellipse: s-maj=7.7km s-min=6.9km az=36.7

BUI 12 15:08:59.6,32.66N,105.29E,h15km,ML3.7/9,MS3.4/1, Ms7.3/4/2

IDC 12 15:08:59.1-1.4,32.89N,105.40E,h0km,mb3.3/3, mb1.3/5.5, mb1mx3.3/24, mbtmp3.3/5, ML3.2/2, Error ellipse: s-maj=61.8km s-min=26.1km az=61.0

ISC 12 15:09:00.9-0.7,32.89N,105.105E,0.06,h10km,n9, r1929/16,mb3.5/3, Sichuan

Table with columns: CD2, Chengdu, CD2, CD2, etc. Includes station Chengdu.

XAN Xi'an, XAN Xi'an, XAN Xi'an, etc.

Table with columns: LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, etc.

LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, etc.

Table with columns: LZH, LZH, LZH, etc. Includes stations like Lanzhou, Xi'an, etc.

GTA Gaotai, GTA Gaotai, etc.

Table with columns: SONM, CMAR, MKAR, WRA, ASAR, etc. Includes stations like Songoing Array, Chiang Mai Arr, etc.

ISCJB 12 15:15:34.8-0.3,36.25N,0.04E,137.16E,0.06, h267km,2km,mb3.5/11, Error ellipse: s-maj=7.6km s-min=5.6km az=26.0

IDC 12 15:15:35.2-0.6,36.17N,137.03E,h256km,6km,mb3.2/8,

528

mb1.3/5.9, mb1mx3.2/26, mbtmp3.2/9, Error ellipse: s-maj=20.7km s-min=11.0km az=67.0

JMA 12 15:15:35.2-0.1,36.21N,137.22E,h268km,2km,ML3.1, NEIC 12 15:15:35.5-0.6,36.25N,137.12E,h260km,6km,mb4.1/5, Error ellipse: s-maj=13.8km s-min=11.5km az=22.0

ISC 12 15:15:35.7-0.3,36.24N,137.17E,0.05,h262km,2km, n38, r068/56,mb3.5/11, Eastern Honshu

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

Code Station Name Az Phase ID Time Res

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

KS15 Wouju Array Si 20.16 67 eP P 14 42 04.0 -0.4

ASAJ Ashikawa 1.85 84 P P 14 42 31.3 -0.9

ASAJ Ashikawa 1.85 84 P P 14 42 31.3 -0.9

ASAJ Ashikawa 1.85 84 P P 14 42 31.3 -0.9

ASAJ Ashikawa 1.85 84 P P 14 42 31.3 -0.9

ASAJ Ashikawa 1.85 84 P P 14 42 31.3 -0.9

ASAJ Ashikawa 1.85 84 P P 14 42 31.3 -0.9

ASAJ Ashikawa 1.85 84 P P 14 42 31.3 -0.9

ASAJ Ashikawa 1.85 84 P P 14 42 31.3 -0.9

ASAJ Ashikawa 1.85 84 P P 14 42 31.3 -0.9

ASAJ Ashikawa 1.85 84 P P 14 42 31.3 -0.9

ASAJ Ashikawa 1.85 84 P P 14 42 31.3 -0.9

ASAJ Ashikawa 1.85 84 P P 14 42 31.3 -0.9

ASAJ Ashikawa 1.85 84 P P 14 42 31.3 -0.9

ASAJ Ashikawa 1.85 84 P P 14 42 31.3 -0.9

ASAJ Ashikawa 1.85 84 P P 14 42 31.3 -0.9

ASAJ Ashikawa 1.85 84 P P 14 42 31.3 -0.9

ASAJ Ashikawa 1.85 84 P P 14 42 31.3 -0.9

ASAJ Ashikawa 1.85 84 P P 14 42 31.3 -0.9

ASAJ Ashikawa 1.85 84 P P 14 42 31.3 -0.9

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Desfina, Didima, Veliai, Nisos Agina, etc.

NEIC 12 15:36:10.5:0.7,31.38Sx179.41W,h287km,8km,mb3.8/3, Error ellipse: s-maj=21.0km s-min=10.3km az=115.0

ISC 12 15:36:09.7:1.0,31.36Sx0.9:179.2W,0.4,h294km,18km, s-maj=28.8km s-min=12.3km az=127.0

Main table of station data for NEIC and ISC stations, including RAOU, RAOU, PUZ, OPRZ, etc.

Table of station data for KSP, BRG, RUE, RUE, RUE, etc. Includes stations like Ksiaz, Berggiesshubel, Ruedersdorf, etc.

GCMT 12 15:46:01.9:0.3,43.05N;126.87W,h18km,1km,MW5.0, Moment Tensor Solution: c35,c36,s83,c120, Moment tensor: Scale 1016Nm, M1=10e,14; M2=1.94e,14; M3=0.3e,12; M4=0.55e,24; M5=2.15e,11; M6=0.20e,24; Best double couple: M3:4.0000e,1016 NP1:23.0000e,0.78.0000e,1-13.0000e, NP2:116.0000e,0.78.0000e,1-167.0000e, -Principals: T 3.8300, P1g0.0000e, Azm250.0000e, N -0.9200, Plg72.0000e, Azm160.0000e, P -2.9300, Plg18.0000e, Azm340.0000e; Data Used: II U CN G I C

NEIC 12 15:46:01.4:1.5,43.26N;126.30W,h0km,mb3.6/5, m1 3.9/11, m1mx3.7/27, mbtmp3.7/11, ML3.2/5, MS4.0/21, s-min=11.4km az=45.0

NEIC 12 15:46:02.3:0.6,47.29N;126.45W,h10km,mb4.0/18, Error ellipse: s-maj=7.6km s-min=4.2km az=71.0

ISC 12 15:46:03.1:5.1,43.31N;126.03W,h0km,mb4.1/18, h18km,10km,0.1,1818127,mb4.2/11,MS4.0/15,C,Off coast of Oregon

Table of station data for stations along the coast of Oregon, including KEBM, RNO, MPOR, etc.

Main table of station data for stations in the 12d 15h region, including YBH, HUOR, WIFE, etc.

NEIC 12 16:51:32.5,0.8,20.00N-81.11W,h10km,mb4.0/2,Error ellipse: s-maj=25.7km s-min=8.9km az=208.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like NEJ, MTDJ, BBO, etc.

BUI 12 16:56:01.9,57.94N:153.30W,h15km,mb4.7/3,mb4.4/4 IJC 12 16:56:02.9,2.5,58.12N:152.64W,h17km,mb20km,mb3.8/12,

NEIC 12 16:56:03.5,0.4,57.98N:152.48W,h35km,ML3.9(PMR), ML3.7(AEIC),Error ellipse: s-maj=6.7km s-min=5.4km az=98.0

NEIC Felt (III) at Kodiak. IJC 12 16:56:05.0,0.4,57.98N:152.49W,0.10,h35km,4km, n47.7,1500.0,mb3.9/14,Kodiak Island region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like KDAK, OHAK, AUL, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like COLA, IMS, EAK, etc.

IDC 12 16:58:51.0,2.8,29.91N:138.80E,h310km,68km,mb2.7/4, mb1.2/7,mb1mx2.7,mb2.7,mbtmpt3.8/7,Error ellipse: s-maj=149.9km s-min=13.5km az=70.0

ISCJB 12 16:58:51.0,0.5,30.17N:138.80E,0.2,h363km,10km, mb2.8/4,Error ellipse: s-maj=30.7km s-min=5.7km az=166.9

JMA 12 16:58:51.0,0.3,30.13N:139.70E,h366km,5km,M3.4 IJC 12 16:58:52.1,0.5,30.20N:139.9E,0.2,h355km,gkm, n19.9,098/29,mb2.8/4,Southeast of Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like JHU2, CBIJ, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like BSO4, HMMJ, etc.

ISCJB 12 17:16:28.1,0.5,51.91N:107.178,40W,0.04,h78km,4km, mb4.2/44,Error ellipse: s-maj=11.4km s-min=3.7km az=175.6

IDC 12 17:16:29.6,0.5,51.83N:178.34W,h78km,4km,mb3.7/24, mb1.3/9,25,mb1mx3.8/32,mbtmpt3.7/25,Error ellipse: s-maj=14.9km s-min=9.6km az=177.0

BUI 12 17:16:30.8,51.90N:179.25W,h77km,mb4.7/13, mb4.8/19,MS4-4/9,MS7-4/19

NEIC 12 17:16:30.4,51.90N:178.28W,h68km,mb4.4/14, ML4.2(AEIC),After AEIC.

ISC 12 17:16:29.4,0.5,51.84N:107.178,39W,0.04,h74km,4km, h78km,1.2km,pP-P,1.32C,0.668/136,mb4.2/44,32C-26D, Andreao Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like GSTR, AKUT, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like YBH, I07A, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like BOZ, NVAR, etc.

ISCJB 12 17:16:28.1,0.5,51.91N:107.178,40W,0.04,h78km,4km, mb4.2/44,Error ellipse: s-maj=11.4km s-min=3.7km az=175.6

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like P14A, S12A, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like SONM, T13A, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like HHC, P19A, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Q18A, N20A, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like P19A, U15A, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like S20A, SP15, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like T19A, S21A, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Y18A, X20A, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Z20A, U25A, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Y23A, W25A, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Z20A, U25A, etc.

12d 19h

2008 JUL

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include FITZ, FITZ, WRA, WRA, ASAR, ASAR, MKAR.

ISCJB 12 19:25:6.0, 9.22:84N, 0.06:12:1W, 0.2, h10km, mb3.8/11, Error ellipse: s-maj=26.0km s-min=8.2km az=178.4

IDC 12 19:22:26.4, 1.3, 22:09N, 12:27W, h0km, mb3.8/8, mb1.3/8.9, mb1mx3.724, mbtmp3.7/9, ML4.4/1, Error ellipse: s-maj=46.9km s-min=31.8km az=142.0

CSEM 12 19:27:4.0, 22:84N, 12:07W, h10km, mb4.2/7, After NEIC NEIC 12 19:27:4.0, 22:84N, 12:07W, h10km, mb4.2/7, Error ellipse: s-maj=26.0km s-min=8.1km az=89.0

ISC 12 19:27:3.0, 9.22:83N, 0.06:12:1W, 0.2, h10km, n51, e1913/46, mb3.8/11, Mauritania

Main table of station data for the 12d 19h period, including stations like MDT, SFS, TIC, DBIC, ENDC, etc.

IDC 12 19:20:52.5, 5.6, 4:32S, 147:10E, h0km, mb3.4/3, mb1.3/7.4, mb1mx3.4/14, mbtmp3.5/4, MS3.2/1, Ms1.3/4.1, ms1mx2.5/10, Error ellipse: s-maj=165.1km s-min=30.7km az=103.0, Bismarck Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA, ASAR, FITZ, CMAR, MKAR.

NIED 12 19:36:00, 24:20N, 125:20E, h20km, Mw4.2 Best double couple: M2.41000x1015 NP1=68.00000, d72.00000, 1.75, 0.00000, NP2=290.00000, d23.00000, 1.129, 0.00000

Main table of station data for the 2008 JUL period, including stations like JOBS, JMGJ, JJJ, etc.

Main table of station data for the 2008 JUL period, including stations like KMI, KMI, KMI, etc.

Kenai, Moose Pass, Ninilchik, Palmer, Seward and Sterling
ISC 12.21:06:39.2d.0,59.87N;0.03:151.12W;0.06,h61km,2km,
h62km,1.3km;pp-P,n213,c0888/214,mb4.6/42,14C-9D,

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists various stations like ARU, VSU, VSU, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists various stations like VYHS, VYHS, UZH, etc.

ISCJB 12.21:22:01.2d.0,6,40.47N;0.03:42.37E;0.04,h8km,6km,
Error ellipse: s-maj=6.4km s-min=4.2km az=34.3
DDA 12.21:22:01.4,40.52N;42.42E,h7km,2km,MD3.0
ISK 12.21:22:01.2,40.50N;42.37E,h9km,MD3.0
CSEM 12.21:22:01.3,0.2,40.48N;42.37E,h8km,MD3.0
Error ellipse: s-maj=5.1km s-min=3.5km az=28.0
ISC 12.21:22:01.7d.0,5,40.47N;0.03:42.37E;0.04,h5km,9km,
n25,c060/36,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists various stations like HOMI, KARS, KARS, etc.

Table with columns: EDRB, Edirne, 1.71 356 ePN, Pn, 21 50 59.5 +0.3, etc.

ISCJB 12 21:56:39.715.24.11N.0.09:125.26E.0.06, h23km, 1.2km, mb3.5/3, Error ellipse: s-maj=15.1km s-min=7.1km az=159.2

JMA 12 21:56:40.9.0.3.24.17N.125.16E, h0km, 4km, M3.3, ISC 12 21:56:39.9.1.8.24.12N.125.21E.0.05, h1km, 13km, n11, 06/4/17, mb3.5/3, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

NEIC 12 22:10:07.2.5.2.43.09N.126.50W, h10km, ML3.6, Error ellipse: s-maj=59.1km s-min=11.3km az=76.0, Off coast of Oregon

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

GUC 12 22:12:20.3.0.3.42.10S.72.48W, h6km, 1km, ML3.7, 2C-20, Southern Chile

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

ISCJB 12 22:15:03.4.1.0.40.26N.0.07:77.77E.0.06, h10km, mb3.5/3, Error ellipse: s-maj=10.4km s-min=6.3km az=162.7

NNC 12 22:15:03.9.3.8.40.41N.77.72E, h0km, mb3.9, mpv3.6, Error ellipse: s-maj=39.0km s-min=17.4km az=150.0

NEIC 12 22:15:07.2.1.3.40.40N.77.50E, h10km, mb3.4/1, Error ellipse: s-maj=19.1km s-min=11.5km az=153.0

ISC 12 22:15:05.9.0.8.40.27N.0.06:77.62E.0.06, h10km, n36, r1546/46, mb3.5/3, 10C-4D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

Table with columns: KBL, Kabul, 8.90 233 ePN, Pn, 22 17 15.9 +1.4, etc.

SZGRF 12 22:19:15.6.32.89N.47.96E, h33km, mb4.6, Iran-Iraq border region

BUI 12 22:19:16.0.33.40N.47.30E, h11km, mb4.7/19, mb4.6/3/1, Ms4.9/18, Ms7.4/5/17

ISCJB 12 22:19:18.0.0.7.33.44N.0.02:47.31E.0.02, h13km, 4km, mb4.5/108, MS3.8/14, Error ellipse: s-maj=4.3km s-min=2.6km az=23.0

TEH 12 22:19:19.0.33.38N.47.23E, h4km, NEIC 12 22:19:19.0.33.39N.47.26E, h1km, mb4.6/58, MN4.3(TEH), After TEH

MOS 12 22:19:20.3.1.1.33.43N.47.36E, h33km, mb4.7/58, Error ellipse: s-maj=7.5km s-min=3.9km az=128.9

THR 12 22:19:20.2.1.1.33.50N.47.37E, h14km, 7km, ML4.1, ISC 12 22:19:19.7.0.7.33.46N.0.03:47.31E.0.02, h12km, 4km, n555, r1507/547, mb3.5/108, MS3.8/14, 32C-9D, Western Iran

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

Table with columns: IZEF, Zefeh, 4.25 96 ePN, Pn, 22 20 24.9 +0.6, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like VSR, VOR, VRI, PLO, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like BUD, BRV, BRVK, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like CLL, CLM, CLN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KURK Kurchatov, BVAR Borovoye Array, AB31 Akbulak array, etc.

Table with columns: DID, Didima, GUR, Goura, VAM, VAMOS, RLS, Riolos of Patr, etc. Includes station names and coordinates.

Table with columns: ELDTW, Lidau, STYT, Tauyuan, CHN1, Nanshi, WTP, Ta-pu, etc. Includes station names and coordinates.

ISCJB 13 02:10:08.4+0.7, 36.58N+0.04:22.82E+0.05, h6km, 5km, Error ellipse: s-maj=7.1km s-min=4.9km az=139.8

ATH 13 02:10:08.2, 36.59N+0.04:22.87E+0.05, h24km, MD3.5/10

NEIC 13 02:10:08.2, 36.59N+0.04:22.87E+0.05, h24km, MD3.5(ATH), After ATH

CSEM 13 02:10:08.7-0.1, 36.57N+22.82E, h8km, MD3.5, Error ellipse: s-maj=3.9km s-min=2.5km az=54.0

THE 13 02:10:11.0, 36.67N+22.77E, h6km, 1km, ML3.3/3, Error ellipse: s-maj=1.3km s-min=0.6km az=160.0

ISC 13 02:10:09.0-0.7, 36.58N+0.04:22.84E+0.05, h9km, 5km, n50, c0565/69, 12C-3D, Southern Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like VLI Veliai, KYTH Kithira, VLX Vlachokerasia, etc.

IDC 13 02:36:40.7+15.0, 17.67S+178.59W, h510km, 177km, mb3.3/5, mb1 3.5/5, mb1mx3.2/16, mbtmp3.3/5, Error ellipse: s-maj=86.2km s-min=29.9km az=13.0, Fiji Islands region

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

IDC 13 02:53:28.0+12.0, 23.61S+179.91E, h428km, 156km, mb2.8/3, mb1 3.1/3, mb1mx2.9/13, mbtmp2.8/3, Error ellipse: s-maj=453.4km s-min=45.3km az=167.0, South of Fiji Islands

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

IDC 13 03:09:19.3+4.2, 2.41S+100.25E, h0km, mb3.6/6, mb1 3.6/6, mb1mx3.5/21, mbtmp3.6/6, MS3.1/2, Ms1 3.1/2, mb1mx2.6/21, Error ellipse: s-maj=236.9km s-min=20.3km az=54.0

ISCJB 13 03:09:25.8+1.1, 2.19S+100.07:100.52E+0.09, h60km, 11km, mb3.6/6, Error ellipse: s-maj=16.4km s-min=10.4km az=150.1

DJA 13 03:09:25.2, 17S+100.55E, h14km, MLV3.7/4

ISC 13 03:09:26.6+1.1, 2.19S+100.07:100.52E+0.09, h48km, 12km, n13, c0568/14, mb3.6/6, Southern Sumatera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PDSI Padang, SDAI Sungai Dareh, SISI Saibi, etc.

GUC 13 03:17:33.7+0.6, 23.31S+67.37W, h220km, ML3.8, 2C, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PB04 Plate Boundary, CEN1 Los Morros, ANCH Antofagasta, etc.

NEIC 13 03:23:00.5+0.8, 15.35N+94.61W, h16km, 38km, MD4.0, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PCIG Pisagua, HUIG Huatulo, CMIG Matias Romero, etc.

ISCJB 13 03:48:16.7+1.8, 2.21N+127.62E, h0km, mb3.5/5, mb1 3.7/5, mb1mx3.5/19, mbtmp3.6/5, Error ellipse: s-maj=97.1km s-min=24.7km az=68.0, Northern Moluca Sea

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

NEIC 13 03:54:10.4, 14.22N+60.68W, h77km, MD3.5, 11C-2D, Windward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SLW Petit Monier, SLV Delcer, FDF Fort de France, etc.

ISCJB 13 02:18:24.3+1.2, 36.19N+0.06:22.14E+0.07, h22km, 8km, Error ellipse: s-maj=11.9km s-min=7.4km az=135.6

ATH 13 02:18:24.3, 36.25N+22.16E, h35km, 2km, MD3.5/10

NEIC 13 02:18:24.7, 36.24N+22.15E, h34km, MD3.5(ATH), After ATH

CSEM 13 02:18:24.0+1.6, 36.24N+22.15E, h13km, 4km, ML3.0/2, Error ellipse: s-maj=12.2km s-min=6.7km az=50.0

THE 13 02:18:26.5, 36.29N+22.15E, h18km, 2km, MD3.0/2, Error ellipse: s-maj=12.8km s-min=2.2km az=216.0

ISC 13 02:18:24.1+1.6, 36.21N+0.07:22.15E+0.08, h15km, 14km, n37, c0583/54, Southern Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KYTH Kithira, PYL PYLOS, VLI Veliai, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Crater Summit, Soufriere Volc, Belmont, Marie-Galante, etc.

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

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

13d 03:56:52.6, 0.9, 6.9N, 99.47E, h0km, mb3.9/10, mb1.3/9.12, mb1.3/8.22, mbtmp3.8/12, ML3.8/2, Error ellipse: s-maj=36.1km s-min=14.2km az=67.0

WRA 0.3nm, 0.5s, baz=305, slow=1.9, SNR=8.4 pPp 04 07 37.5 +0.1

IDC 13 04:42:56.1 ± 18.0, 22:17S-174:75W, h0km, mb4.2/5, mb1.4/3.5, mb1mx4.0/18, mbtmp4-2.5, Error ellipse: s-maj=337.3km s-min=153.7km az=80.0, Tonga Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Mandailing Nat, Bangkinang, Padang Panjang, etc.

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

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

13d 03:56:53.9, 0.8, 0.79N, 0.04-99.78E, 0.04, h2km, 5km, n38, ±128/39, mb4.0/16, Northern Sumatera

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

ISCJJB 13 04:43:57.6 ± 0.5, 43:32S, 0:09-39:5E, 0:1, h10km, mb4.0/17, MS3.9/8, Error ellipse: s-maj=17.6km s-min=9.9km az=143.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA, WRA, KRSR, TKM2, SONM, AML, EK52, MK31, MKAR, KURK, ZALV, BVAR, ABKAR, CASY, BR131, BRTR, FINES, ARCES, TXAR, CPUP, etc.

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

ISCJJB 13 04:43:57.6 ± 0.5, 43:32S, 0:09-39:5E, 0:1, h10km, mb4.0/17, MS3.9/8, Error ellipse: s-maj=17.6km s-min=9.9km az=143.2

ISCJJB 13 03:58:23.6 ± 1.7, 8:42S, 0:04-105:32E, 0:05, h16km, 12km, mb4.1/19, Error ellipse: s-maj=9.6km s-min=5.4km az=146.7

IDC 13 04:12:20.6 ± 0.4, 2:62S, 100:16E, h0km, mb3.6/5, mb1.3/7.5, mb1mx3.5/21, mbtmp3.6/5, Error ellipse: s-maj=320.5km s-min=21.3km az=53.0

ISC 13 04:43:59.2 ± 0.4, 43:31S, 39:60E, h10km, mb4.3/5, Error ellipse: s-maj=16.7km s-min=10.2km az=53.0

DJA 13 03:58:28.0 ± 0.8, 8:36S, 105:28E, h29km, MLV4.5/14, mb1.3/9.13, mb1.3/8.21, mbtmp3.8/13, MS3.8/1, Ms1.3/8.1, ms1mx3.5/28, Error ellipse: s-maj=31.8km s-min=11.2km az=53.0

IDC 13 04:12:28.0 ± 0.2, 1:19S, 0:06-100:61E, h0km, h16km, 10km, n18, ±144/24, mb3.6/5, Southern Sumatera

ISC 13 04:43:59.3 ± 0.5, 43:31S, 0:09-39:6E, 0:1, h10km, n30, ±1915/22, mb4.0/17, MS3.9/8, Prince Edward Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CIBINONG, SKUBUMI, SURABAYA, CIBUJI, RIBSI, LEMBANG, KASIA, BANDAR LAMPUNG, KOTABUMI, LIWA, MAURA DUA, MANNA, WANAGAMA, KAPAHANG, PAGERJOJO, GMJJI, SRBBI, KHKI, FITZROY CROSSI, CHIANG MAI ARR, CHIANG MAI ARR, WARRANGUNGA ARR, WARRANGUNGA ARR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KRJI, KRJI, PDSI, PDSI, SPSI, SPSI, PPI, PPI, SPSI, SPSI, BKN, BKN, JMBI, JMBI, MNSI, MNSI, MNAI, MNAI, MDSI, MDSI, KLSI, KLSI, WRA, WRA, ASAR, ASAR, MKAR, MKAR, KURK, KURK, ZALV, ZALV, TXAR, TXAR, etc.

ISCJJB 13 05:22:27.2 ± 0.2, 36:84N, 0:02-71:35E, 0:05, h108km, 5km, mb4.0/15, Error ellipse: s-maj=6.3km s-min=3.6km az=174.6

ISC 13 05:22:27.1 ± 1.1, 36:81N, 71:39E, h89km, 8km, mb3.7/12, mb1.3/9.13, mb1mx3.8/28, mbtmp3.8/18, MS2.6/1, Ms1.2/6.1, ms1mx2.2/32, Error ellipse: s-maj=16.9km s-min=14.1km az=11.0

ISC 13 04:14:00.2 ± 0.7, 30:69N, 0:07-83:83E, 0:08, h10km, n22, ±125/16, mb3.5/5, MS3.4/6, Xizang

MOS 13 05:22:27.9 ± 1.5, 36:94N, 71:27E, h108km, mb4.2/10, Error ellipse: s-maj=13.5km s-min=6.8km az=82.6

NINC 13 05:22:28.3 ± 3.7, 36:96N, 70:90E, h117km, 46km, mb4.0, mpv4.8, Error ellipse: s-maj=29.1km s-min=22.8km az=9.0

ISC 13 05:22:28.6 ± 0.4, 36:82N, 0:02-71:35E, 0:05, h108km, 5km, h88km, 1.9km, pp-P, n97, ±1923/17, mb4.0/15, 4C-5D

NEIC 13 05:22:28.0 ± 0.8, 36:85N, 71:34E, h101km, 7km, mb4.6/7, Error ellipse: s-maj=10.0km s-min=8.0km az=135.0

ISC 13 05:22:28.6 ± 0.4, 36:82N, 0:02-71:35E, 0:05, h108km, 5km, h88km, 1.9km, pp-P, n97, ±1923/17, mb4.0/15, 4C-5D

ISC 13 04:13:57.0 ± 0.2, 30:59N, 83:54E, h0km, mb3.4/5, mb1.3/5.6, mb1mx3.3/25, mbtmp3.4/6, ML2.6/1, MS3.4/8, Ms1.3/4.8, ms1mx3.0/26, Error ellipse: s-maj=68.8km s-min=24.5km az=66.0

ISC 13 05:22:27.1 ± 1.1, 36:81N, 71:39E, h89km, 8km, mb3.7/12, mb1.3/9.13, mb1mx3.8/28, mbtmp3.8/18, MS2.6/1, Ms1.2/6.1, ms1mx2.2/32, Error ellipse: s-maj=16.9km s-min=14.1km az=11.0

ISC 13 04:13:59.5 ± 1.2, 30:60N, 83:68E, h10km, mb3.8/3, Error ellipse: s-maj=28.3km s-min=10.1km az=47.0

ISC 13 05:22:27.9 ± 1.5, 36:94N, 71:27E, h108km, mb4.2/10, Error ellipse: s-maj=13.5km s-min=6.8km az=82.6

ISC 13 04:14:00.2 ± 0.7, 30:69N, 0:07-83:83E, 0:08, h10km, n22, ±125/16, mb3.5/5, MS3.4/6, Xizang

ISC 13 05:22:28.3 ± 3.7, 36:96N, 70:90E, h117km, 46km, mb4.0, mpv4.8, Error ellipse: s-maj=29.1km s-min=22.8km az=9.0

ISC 13 05:22:28.6 ± 0.4, 36:82N, 0:02-71:35E, 0:05, h108km, 5km, h88km, 1.9km, pp-P, n97, ±1923/17, mb4.0/15, 4C-5D

ISC 13 05:22:28.0 ± 0.8, 36:85N, 71:34E, h101km, 7km, mb4.6/7, Error ellipse: s-maj=10.0km s-min=8.0km az=135.0

ISC 13 05:22:28.6 ± 0.4, 36:82N, 0:02-71:35E, 0:05, h108km, 5km, h88km, 1.9km, pp-P, n97, ±1923/17, mb4.0/15, 4C-5D

ISC 13 05:22:28.6 ± 0.4, 36:82N, 0:02-71:35E, 0:05, h108km, 5km, h88km, 1.9km, pp-P, n97, ±1923/17, mb4.0/15, 4C-5D

ISC 13 05:22:28.6 ± 0.4, 36:82N, 0:02-71:35E, 0:05, h108km, 5km, h88km, 1.9km, pp-P, n97, ±1923/17, mb4.0/15, 4C-5D

ISC 13 05:22:28.6 ± 0.4, 36:82N, 0:02-71:35E, 0:05, h108km, 5km, h88km, 1.9km, pp-P, n97, ±1923/17, mb4.0/15, 4C-5D

ISC 13 05:22:28.6 ± 0.4, 36:82N, 0:02-71:35E, 0:05, h108km, 5km, h88km, 1.9km, pp-P, n97, ±1923/17, mb4.0/15, 4C-5D

ISC 13 05:22:28.6 ± 0.4, 36:82N, 0:02-71:35E, 0:05, h108km, 5km, h88km, 1.9km, pp-P, n97, ±1923/17, mb4.0/15, 4C-5D

ISC 13 05:22:28.6 ± 0.4, 36:82N, 0:02-71:35E, 0:05, h108km, 5km, h88km, 1.9km, pp-P, n97, ±1923/17, mb4.0/15, 4C-5D

ISC 13 05:22:28.6 ± 0.4, 36:82N, 0:02-71:35E, 0:05, h108km, 5km, h88km, 1.9km, pp-P, n97, ±1923/17, mb4.0/15, 4C-5D

ISC 13 05:22:28.6 ± 0.4, 36:82N, 0:02-71:35E, 0:05, h108km, 5km, h88km, 1.9km, pp-P, n97, ±1923/17, mb4.0/15, 4C-5D

ISC 13 05:22:28.6 ± 0.4, 36:82N, 0:02-71:35E, 0:05, h108km, 5km, h88km, 1.9km, pp-P, n97, ±1923/17, mb4.0/15, 4C-5D

ISC 13 05:22:28.6 ± 0.4, 36:82N, 0:02-71:35E, 0:05, h108km, 5km, h88km, 1.9km, pp-P, n97, ±1923/17, mb4.0/15, 4C-5D

ISC 13 05:22:28.6 ± 0.4, 36:82N, 0:02-71:35E, 0:05, h108km, 5km, h88km, 1.9km, pp-P, n97, ±1923/17, mb4.0/15, 4C-5D

ISC 13 05:22:28.6 ± 0.4, 36:82N, 0:02-71:35E, 0:05, h108km, 5km, h88km, 1.9km, pp-P, n97, ±1923/17, mb4.0/15, 4C-5D

ISC 13 05:22:28.6 ± 0.4, 36:82N, 0:02-71:35E, 0:05, h108km, 5km, h88km, 1.9km, pp-P, n97, ±1923/17, mb4.0/15, 4C-5D

ISC 13 05:22:28.6 ± 0.4, 36:82N, 0:02-71:35E, 0:05, h108km, 5km, h88km, 1.9km, pp-P, n97, ±1923/17, mb4.0/15, 4C-5D

ISC 13 05:22:28.6 ± 0.4, 36:82N, 0:02-71:35E, 0:05, h108km, 5km, h88km, 1.9km, pp-P, n97, ±1923/17, mb4.0/15, 4C-5D

ISC 13 05:22:28.6 ± 0.4, 36:82N, 0:02-71:35E, 0:05, h108km, 5km, h88km, 1.9km, pp-P, n97, ±1923/17, mb4.0/15, 4C-5D

ISC 13 05:22:28.6 ± 0.4, 36:82N, 0:02-71:35E, 0:05, h108km, 5km, h88km, 1.9km, pp-P, n97, ±1923/17, mb4.0/15, 4C-5D

ISC 13 05:22:28.6 ± 0.4, 36:82N, 0:02-71:35E, 0:05, h108km, 5km, h88km, 1.9km, pp-P, n97, ±1923/17, mb4.0/15, 4C-5D

ISC 13 05:22:28.6 ± 0.4, 36:82N, 0:02-71:35E, 0:05, h108km, 5km, h88km, 1.9km, pp-P, n97, ±1923/17, mb4.0/15, 4C-5D

ISC 13 05:22:28.6 ± 0.4, 36:82N, 0:02-71:35E, 0:05, h108km, 5km, h88km, 1.9km, pp-P, n97, ±1923/17, mb4.0/15, 4C-5D

ISC 13 05:22:28.6 ± 0.4, 36:82N, 0:02-71:35E, 0:05, h108km, 5km, h88km, 1.9km, pp-P, n97, ±1923/17, mb4.0/15, 4C-5D

ISC 13 05:22:28.6 ± 0.4, 36:82N, 0:02-71:35E, 0:05, h108km, 5km, h88km, 1.9km, pp-P, n97, ±1923/17, mb4.0/15, 4C-5D

ISC 13 05:22:28.6 ± 0.4, 36:82N, 0:02-71:35E, 0:05, h108km, 5km, h88km, 1.9km, pp-P, n97, ±1923/17, mb4.0/15, 4C-5D

ISC 13 05:22:28.6 ± 0.4, 36:82N, 0:02-71:35E, 0:05, h108km, 5km, h88km, 1.9km, pp-P, n97, ±1923/17, mb4.0/15, 4C-5D

ISC 13 05:22:28.6 ± 0.4, 36:82N, 0:02-71:35E, 0:05, h108km, 5km, h88km, 1.9km, pp-P, n97, ±1923/17, mb4.0/15, 4C-5D

ISC 13 05:22:28.6 ± 0.4, 36:82N, 0:02-71:35E, 0:05, h108km, 5km, h88km, 1.9km, pp-P, n97, ±1923/17, mb4.0/15, 4C-5D

ISC 13 05:22:28.6 ± 0.4, 36:82N, 0:02-71:35E, 0:05, h108km, 5km, h88km, 1.9km, pp-P, n97, ±1923/17, mb4.0/15, 4C-5D

ISC 13 05:22:28.6 ± 0.4, 36:82N, 0:02-71:35E, 0:05, h108km, 5km, h88km, 1.9km, pp-P, n97, ±1923/17, mb4.0/15, 4C-5D

ISC 13 05:22:28.6 ± 0.4, 36:82N, 0:02-71:35E, 0:05, h108km, 5km, h88km, 1.9km, pp-P, n97, ±1923/17, mb4.0/15, 4C-5D

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Sonseca Array, ARCES, ARCES Array B, etc.

JMA 13 06:56:39.0 S, 0.24113N, 123.74E, h16km, 3km, M1.1
ISCJB 13 06:56:40.5 S, 0.24116N, 0.04, 123.76E, 0.04, h2km, 4km,
Error ellipse: s-maj=7.7km s-min=5.4km az=161.1

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

ISCJB 13 07:05:58.2, 1.31, 0.01S, 0.1x179.9W, 0.3, h477km, 23km,
mb3.8/6, Error ellipse: s-maj=37.7km s-min=17.6km
az=7.1

ISCJB 13 07:05:58.6, 6.7, 3.0, 89S, 179.82E, h441km, 72km, mb3.3/4,
mb1 3.5/m, mb1mx3.3/15, mbmtpp3.4/5, Error ellipse:
s-maj=74.0km s-min=40.9km az=25.0

NEIC 13 07:05:59.4, 1.1, 30.88S, 179.94E, h464km, 14km, mb4.3/5,
Error ellipse: s-maj=23.7km s-min=15.4km az=95.0

ISC 13 07:05:58.7, 1.1, 30.9S, 0.1x179.7W, 0.2, h487km, 16km,
n1, 0.980/37, mb3.8/6, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ouz, Omahuta, Puketiti, etc.

ISCJB 13 07:05:58.2, 1.31, 0.01S, 0.1x179.9W, 0.3, h477km, 23km,
mb3.8/6, Error ellipse: s-maj=37.7km s-min=17.6km
az=7.1

ISCJB 13 07:05:58.6, 6.7, 3.0, 89S, 179.82E, h441km, 72km, mb3.3/4,
mb1 3.5/m, mb1mx3.3/15, mbmtpp3.4/5, Error ellipse:
s-maj=74.0km s-min=40.9km az=25.0

NEIC 13 07:05:59.4, 1.1, 30.88S, 179.94E, h464km, 14km, mb4.3/5,
Error ellipse: s-maj=23.7km s-min=15.4km az=95.0

ISC 13 07:05:58.7, 1.1, 30.9S, 0.1x179.7W, 0.2, h487km, 16km,
n1, 0.980/37, mb3.8/6, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Jjt2, Tamagusuku 2, Jjt2, etc.

ISCJB 13 07:05:58.2, 1.31, 0.01S, 0.1x179.9W, 0.3, h477km, 23km,
mb3.8/6, Error ellipse: s-maj=37.7km s-min=17.6km
az=7.1

ISCJB 13 07:05:58.6, 6.7, 3.0, 89S, 179.82E, h441km, 72km, mb3.3/4,
mb1 3.5/m, mb1mx3.3/15, mbmtpp3.4/5, Error ellipse:
s-maj=74.0km s-min=40.9km az=25.0

NEIC 13 07:05:59.4, 1.1, 30.88S, 179.94E, h464km, 14km, mb4.3/5,
Error ellipse: s-maj=23.7km s-min=15.4km az=95.0

ISC 13 07:05:58.7, 1.1, 30.9S, 0.1x179.7W, 0.2, h487km, 16km,
n1, 0.980/37, mb3.8/6, Kermadec Islands region

CSEM 13 07:08:09.6, 38.96'N, 48.67'E, h13km, ML3.5, After TEH
TEH 13 07:08:09.6, 38.96'N, 48.67'E, h13km, 1D,
Iran-Armenia-Azerbaijan border region

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

IDC 13 07:13:54.3, 1.7, 2.80S, 128.65E, h0km, mb3.7/2,
mb1 4.1/3, mb1mx3.7/18, mbmtpp3.8/3, ML4.0/1, Error
ellipse: s-maj=130.2km s-min=26.7km az=68.0

ISCJB 13 07:13:58.9, 1.0, 3.55S, 0.07x127.22E, 0.06, h23km, 8km,
mb3.8/2, Error ellipse: s-maj=12.6km s-min=7.9km
az=30.0

DJA 13 07:14:00, 3.39S, 127.32E, h5km, MLv4, 0/5
ISC 13 07:13:59.2, 1.1, 3.56S, 0.06x127.25E, 0.05, h9km, 7km, n8,
0.96/11, mb3.8/2, Seram

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Nlai, Namlea, Aai, Ambon, etc.

NIED 13 07:05:40.0, 24.80N, 127.80E, h5km, Mw4.3, Best double
couple: Ms2.98000x1015 Np1.9x222.00000, 0.373, 0.00000,
1.780, 0.00000, Np2.9x12.00000, 0.620, 0.00000,
1.7, 1.18, 0.00000

IDC 13 07:45:38.7, 0.7, 24.69N, 127.76E, h0km, mb4.1/15,
mb1 4.1/17, mb1mx4.1/27, mbmtpp4.0/17, ML3.2/2, MS3.0/4,
mb1 3.0/4, ms1mx2.7/32, Error ellipse: s-maj=30.2km
s-min=12.9km az=72.0

NEIC 13 07:45:39.1, 3.2, 24.67N, 127.74E, h1km, 20km, mb4.6/3,
MW4.3(NIED), Error ellipse: s-maj=8.1km s-min=6.6km
az=82.0

BUI 13 07:45:39.0, 24.70N, 127.70E, h11km, mb4.1/2, mb4.2/6
ISCJB 13 07:45:41.0, 24.78N, 0.03x127.76E, 0.03, h33km,
mb4.2/22, Error ellipse: s-maj=5.4km s-min=3.4km
az=139.4

MOS 13 07:45:41.6, 0.9, 24.70N, 127.80E, h33km, mb4.6/2, Error
ellipse: s-maj=23.4km s-min=11.6km az=108.1

JMA 13 07:45:42.1, 0.2, 24.83N, 127.82E, h68km, ML2.2
ISC 13 07:45:43.7, 0.4, 24.82N, 0.03x127.72E, 0.03, h35km, n55,
0.186/71, mb4.2/22, Southeast of Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Jjt2, Tamagusuku 2, Jjt2, etc.

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

IDC 13 08:21:02.9, 16.0, 11.78N, 57.24E, h0km, mb3.6/4,
mb1 3.7/4, mb1mx3.4/24, mbmtpp3.6/4, Error ellipse:
s-maj=537.7km s-min=34.5km az=81.0, Owen Fracture
Zone region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Mkar, Makanchi Array, Zalv, etc.

CSEM 13 08:24:00.3, 38.23N, 22.18E, h12km, ML1.5/5, After THE
THE 13 08:24:00.3, 38.23N, 22.18E, h12km, 3km, ML1.5/5, Error
ellipse: s-maj=3.3km s-min=0.7km az=302.0, Greece

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

ISCJB 13 08:27:26.2, 1.0, 6.3, 57S, 0.10x148.5E, 0.4, h10km,
mb4.1/6, MS3.7/4, Error ellipse: s-maj=26.2km
s-min=14.0km az=177.7

IDC 13 08:27:27.4, 1.6, 6.3, 37S, 148.59E, h0km, mb4.1/5,
mb1 4.3/5, mb1mx4.1/13, mbmtpp4.1/5, MS3.8/4, Ms1 3.7/4,
ms1mx3.3/18, Error ellipse: s-maj=76.6km s-min=21.7km
az=88.0

NEIC 13 08:27:28.0, 3.9, 6.3, 56S, 148.45E, h10km, mb4.4/3, Error
ellipse: s-maj=28.2km s-min=15.6km az=88.0

ISC 13 08:27:27.6, 0.9, 6.3, 63S, 0.09x148.5E, 0.4, h10km, n16,
0.192/17, mb4.1/6, MS3.7/4, Balleny Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Sba, Scott Base, Casy, etc.

ISCJB 13 08:27:26.2, 1.0, 6.3, 57S, 0.10x148.5E, 0.4, h10km,
mb4.1/6, MS3.7/4, Error ellipse: s-maj=26.2km
s-min=14.0km az=177.7

IDC 13 08:27:27.4, 1.6, 6.3, 37S, 148.59E, h0km, mb4.1/5,
mb1 4.3/5, mb1mx4.1/13, mbmtpp4.1/5, MS3.8/4, Ms1 3.7/4,
ms1mx3.3/18, Error ellipse: s-maj=76.6km s-min=21.7km
az=88.0

NEIC 13 08:27:28.0, 3.9, 6.3, 56S, 148.45E, h10km, mb4.4/3, Error
ellipse: s-maj=28.2km s-min=15.6km az=88.0

ISC 13 08:27:27.6, 0.9, 6.3, 63S, 0.09x148.5E, 0.4, h10km, n16,
0.192/17, mb4.1/6, MS3.7/4, Balleny Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Sba, Scott Base, Casy, etc.

NEIC 13 08:27:54.4, 37.87S: 176.47E, h154km, MG3.7(WEL), After WEL. WEL 13 08:27:54.9, 0.3, 37.88S: 176.48E, h149km, 3km, ML3.7/19, Error ellipse: s-maj=1.8km s-min=1.5km az=90.0, North Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like Plateau Road, Urewera, Matawai, etc.

IDC 13 08:44:56.6, 0.8, 24.06N: 124.34E, h0km, mb4.2/15, mb1.4, 3/17, mb1mx4.2/25, mbtmp4.2/17, ML3.6/2, MS3.1/3, MS1.3/1/3, ms1mx2.7/23, Error ellipse: s-maj=24.7km s-min=17.3km az=64.0

MOS 13 08:44:59.7, 0.7, 24.00N: 124.18E, h33km, mb5.0/7, Error ellipse: s-maj=18.8km s-min=10.3km az=107.3

NIED 13 08:45:00.24, 0.0N: 124.60E, h32km, Mw4.1. Best double couple: Mo:1.69000x1015 NP2:0.1470000x0.8660000x0.13500000. NP2:0.1470000x0.8660000x0.13500000.

ISCJB 13 08:45:01.2, 0.5, 23.99N: 0.05E: 124.50E: 0.03, h52km, 3km, mb4.3/25, Error ellipse: s-maj=8.2km s-min=3.8km az=155.3

JMA 13 08:45:01.9, 0.2, 24.03N: 124.58E, h36km, 5km, M4.4 JMA Felt J1.

BUI 13 08:45:02.7, 23.88N: 124.54E, h82km, mb3.4/16, mb4.3/22, Ms3.7/12, Ms7.3/13

NEIC 13 08:45:02.7, 24.02N: 124.32E, h62km, 8km, mb4.4/3, Error ellipse: s-maj=10.5km s-min=9.1km az=148.0

NEIC Recorded (J1, JMA) on Ishigaki-jima. ISC 13 08:45:02.6, 0.5, 24.07N: 0.05E: 124.49E: 0.03, h46km, 3km, n71, c1517/89, mb4.3/25, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like Ishigaki jima, Kuro-shima, Tarama, etc.

Main table with columns: JAM, Amami Oshima, Minamidaito 2, Nanjing, etc. Lists various seismic events with time, magnitude, and location.

Table with columns: KDAK, Kodiak Island, Goftskoye, Kevo, etc. Lists seismic events from the Kodiak region.

| | | | | | |
|------|--|-----------|------|-----|-----------------|
| TKM2 | Tokmak 2 | 8.93 30 | ↑P | Pn | 08 52 45.5 +0.6 |
| TKM2 | comp=E,84nm,0.9s | | ↑S | Sn | 08 54 23.7 -1.5 |
| TKM2 | comp=E,52nm,1.1s | | | | |
| TKM2 | Tokmak 2 | 8.93 30 | P | Pn | 08 52 46.0 +1.1 |
| TKM2 | SNR=40 | | | | |
| TKM2 | Tokmak 2 | 8.93 30 | ePn | Pn | 08 52 45.9 +1.0 |
| NDI | New Delhi | 9.22 133 | ePKP | Pn | 08 52 49.0 +0.2 |
| NDI | | | eS | Sn | 08 54 32.5 +0.3 |
| BSR | Bishkhakh | 9.43 133 | eP | x | 08 54 40.5 |
| ASH | Ashkhabad | 9.44 290 | ↑P | Pn | 08 52 51.9 +0.1 |
| SONA | Sohna | 9.46 136 | ePKP | Pn | 08 52 54.3 +2.1 |
| SONA | comp=N,80nm,0.5s | | AML | AML | 08 54 44.1 |
| SONA | comp=E,160nm,0.3s | | AML | AML | 08 54 45.3 |
| AJM | Ajmer | 9.78 152 | ePKP | x | 08 52 58.0 +1.4 |
| AJM | | | ex | Pn | 08 54 46.7 |
| BHJ | Bhuj | 11.98 180 | ePKP | Pn | 08 53 26.9 +0.2 |
| BHFL | Bhopal | 13.79 148 | ePKP | Pn | 08 53 51.9 +0.4 |
| GKN | Gorkha | 14.70 115 | eP | Pn | 08 54 03.1 -0.8 |
| MK31 | Makanchi Array | 14.94 36 | eP | Pn | 08 54 04.8 -2.2 |
| MKAR | Makanchi Array | 14.94 36 | eP | Pn | 08 54 04.7 -2.3 |
| MKAR | comp=Z,0.3nm,0.3s,baz=216,slow=16,SNR=1 | | LR | LR | 09 00 05.9 |
| DMN | Daman | 15.27 116 | eP | Pn | 08 54 09.8 -1.6 |
| DMN | comp=E,294nm,20.3s,baz=227,slow=38 | | | | |
| DMN | comp=E,134nm,0.7s | | | | |
| KKN | Kakani | 15.30 115 | eP | Pn | 08 54 10.4 -1.4 |
| KKN | comp=E,142nm,0.7s | | | | |
| PKIN | Pulchoki | 15.50 115 | eP | Pn | 08 54 12.7 -1.8 |
| PKI | Pulchoki | 15.51 115 | eP | Pn | 08 54 13.0 -1.6 |
| PKI | comp=E,124nm,0.6s | | | | |
| AB31 | Akbulak array | 15.67 336 | P | Pn | 08 54 11.4 -5.1 |
| AB31 | comp=E,5.6nm,0.5s,baz=158,slow=13,SNR=126 | | ↑S | Sn | 08 56 55.9 -1.4 |
| AB31 | comp=E,2.3nm,0.3s | | | | |
| AB31 | Akbulak array | 15.67 336 | eP | Pn | 08 54 11.4 -5.2 |
| AB31 | comp=Z,3.0nm,0.2s | | pmx | pmx | |
| ABN | Akbulak array | 15.67 336 | ePn | Pn | 08 54 11.3 -5.2 |
| ABN | comp=Z,10.0nm,0.5s | | | | |
| GUN | Gumba | 15.68 113 | eP | Pn | 08 54 18.0 +1.2 |
| GUN | comp=Z,49nm,0.4s | | | | |
| JIRN | Jiri | 16.04 114 | eP | Pn | 08 54 21.5 0.0 |
| WMO | Urumqi | 16.33 53 | P | P | 08 54 25.5 +0.5 |
| WMO | | | pP | pP | 08 54 29.0 -3.3 |
| WMO | | | PP | PP | 08 54 39.0 |
| WMO | | | S | Sn | 08 57 26.9 +1.1 |
| WMO | | | ScS | ScS | 09 06 30.3 -0.4 |
| WMO | comp=Z,45nm,0.8s | | pmx | pmx | |
| WMO | comp=Z,120nm,6.2s | | | | |
| WMO | comp=N,550nm,20.2s | | LR | LR | |
| WMO | comp=E,480nm,21.2s | | LR | LR | |
| WMO | comp=Z,160nm,22.4s | | | | |
| RAMN | Ramite | 16.74 115 | eP | Pn | 08 54 26.7 -3.7 |
| RAMN | comp=Z,87nm,0.6s | | | | |
| KURK | Kurchatov | 16.75 20 | ↑P | Pn | 08 54 25.6 -4.8 |
| KURK | comp=Z,43nm,1.0s | | | | |
| KURK | Kurchatov | 16.75 20 | Pn | Pn | 08 54 24.0 -6.4 |
| KURK | comp=Z,0.1nm,0.3s,baz=213,slow=11,SNR=21 | | LR | LR | 09 01 04.1 |
| KURK | Kurchatov | 16.75 20 | eP | Pn | 08 54 29.7 -0.7 |
| KURK | comp=Z,153nm,19.2s,baz=220,slow=38 | | | | |
| KURK | comp=Z,153nm,19.2s,baz=220,slow=38 | | | | |
| KURK | Kurchatov | 16.75 20 | ePn | Pn | 08 54 26.0 -4.4 |
| KURK | comp=Z,9.0nm,1.0s | | | | |
| AKTK | Aktyubinsk | 17.33 334 | Pn | Sn | 08 54 34.5 -3.1 |
| AKTK | | | Sn | Sn | 08 57 37.5 -1.3 |
| AKTK | | | Sn | Sn | 08 54 34.5 -3.1 |
| AKTO | Aktyubinsk | 17.33 334 | Pn | Sn | 08 57 37.5 -1.3 |
| AKTO | comp=Z,2.2nm,0.3s,baz=172,slow=9.4,SNR=20 | | | | |
| AKTO | comp=Z,0.3nm,0.3s,baz=153,slow=16,SNR=1.9 | | | | |
| AKTO | Aktyubinsk | 17.33 334 | P | Pn | 08 54 34.6 -3.1 |
| AKTO | | | pmx | pmx | 08 57 37.5 |
| TAPN | Taplejun | 17.35 112 | eP | Pn | 08 54 36.8 -1.3 |
| TAPN | comp=Z,33nm,0.3s | | | | |
| ODAN | Odare | 17.37 114 | eP | Pn | 08 54 34.1 -4.3 |
| ODAN | comp=Z,97nm,0.7s | | | | |
| VOSK | Vostochnaya | 17.47 3 | ↑P | Pn | 08 54 35.6 -3.7 |
| VOSK | comp=Z,31nm,0.8s | | | | |
| VOSK | Vostochnaya | 17.47 3 | P | pmx | 08 54 35.5 -3.8 |
| VOSK | comp=Z,31nm,0.8s | | | | |
| ZRNK | Zerenda | 17.67 359 | ↑P | Pn | 08 54 37.1 -4.8 |
| ZRNK | comp=Z,15nm,0.7s | | | | |
| ZRNK | Zerenda | 17.67 359 | P | pmx | 08 54 37.1 -4.8 |
| ZRNK | | | pmx | pmx | |
| BVAR | Borovoye Array | 17.75 2 | Pn | Pn | 08 54 38.5 -4.3 |
| BVAR | comp=Z,0.8nm,0.3s,baz=184,slow=15,SNR=15 | | | | |
| BVAR | Borovoye Array | 17.75 2 | P | pmx | 08 54 38.5 -4.3 |
| BVAR | comp=Z,1.0nm,0.3s | | | | |
| BRVK | Borovoye | 17.78 1 | ↑P | Pn | 08 54 38.1 -5.1 |
| BRVK | comp=Z,31nm,0.8s | | | | |
| BRVK | Borovoye | 17.78 1 | eP | Pn | 08 54 39.8 -3.4 |
| BRVK | comp=Z,14nm,0.5s | | | | |
| BRVK | Borovoye | 17.78 1 | ePn | Pn | 08 54 39.8 -3.4 |
| BRVK | comp=Z,14nm,0.5s | | | | |
| MAK | Makhachkala | 18.75 301 | eP | Pn | 08 54 55.6 +0.4 |
| MAK | | | eS | Sn | 08 58 24.9 +0.3 |
| MAK | | | pmx | pmx | |
| LSA | Lhasa | 18.99 101 | P | Pn | 08 55 01.7 +3.5 |
| LSA | comp=Z,27nm,0.8s | | | | |
| LSA | Lhasa | 18.99 101 | P | Pn | 08 55 01.7 +3.5 |
| LSA | comp=Z,27nm,0.8s | | | | |
| HYB | Hyderabad | 19.49 154 | eP | Pn | 08 55 04.0 -0.3 |
| HYB | | | eS | Sn | 08 58 38.0 -4.8 |
| HYB | Hyderabad | 19.49 154 | iP | Pn | 08 55 04.0 -0.3 |
| HYB | | | eS | Sn | 08 58 38.0 -4.8 |
| DGRG | David-gareji | 19.95 295 | P | Pn | 08 55 13.5 +4.0 |
| GNI | Garni | 20.24 291 | P | Pn | 08 55 12.7 +1.7 |
| GNI | comp=Z,9.4nm,0.6s,baz=139,slow=9.7,SNR=7.3 | | | | |
| GNI | Garni | 20.24 291 | eP | P | 08 55 14.0 +3.0 |
| GNI | | | pmx | pmx | |
| GNI | comp=Z,54nm,1.2s | | | | |
| GNI | Garni | 20.24 291 | eP | P | 08 55 13.2 +2.1 |
| GNI | comp=Z,51nm,1.0s | | | | |
| MTA | Mtatsminda | 20.42 296 | P | P | 08 55 14.9 +1.9 |
| ZEI | Tsey | 21.28 298 | eP | P | 08 55 23.9 +1.7 |
| ZEI | | | pmx | pmx | |
| SHL | Shilong | 21.47 111 | ePKP | P | 08 55 26.5 +2.1 |
| SHL | | | ex | P | 08 59 13.5 |
| SHL | Zalesovo Beam | 21.49 25 | P | P | 08 55 23.9 -0.6 |
| ZALV | comp=Z,32nm,0.4s,baz=219,slow=12,SNR=65 | | S | S | 08 59 23.0 +1.0 |
| ZALV | comp=Z,0.8nm,0.4s,baz=216,slow=7.1,SNR=1.5 | | | | |
| ZALV | comp=Z,106nm,19.7s,MS3.2,baz=247,slow=39 | | LR | LR | 09 04 31.1 |
| ZALV | Zalesovo Beam | 21.49 25 | P | P | 08 55 23.9 -0.5 |
| ZALV | | | S | S | 08 59 23.0 +1.0 |
| ZALV | comp=Z,32nm,0.4s,baz=216 | | smx | smx | |
| ZALV | comp=N,1.0nm,0.4s | | MLR | MLR | |
| ZALV | comp=Z,106nm,19.7s,MS3.2 | | | | |
| ONI | Novosibirsk | 21.56 298 | P | P | 08 55 27.6 +2.3 |
| NVS | Novosibirsk | 21.73 22 | eP | P | 08 55 26.5 -0.4 |
| NVS | | | eS | S | 08 59 30.5 +3.9 |
| NVS | comp=E,26nm,1.1s | | pmx | pmx | |
| NVS | comp=Z,82nm,1.1s,baz=5.1 | | pmx | pmx | |
| NVS | comp=N,35nm,0.8s | | pmx | pmx | |
| SVE | Sverdlovsk | 22.39 347 | eP | P | 08 55 37.7 +3.7 |
| SVE | | | eS | S | 08 59 33.9 -0.2 |
| SVE | | | pmx | pmx | |
| SVE | comp=Z,23nm,1.0s,baz=6.4 | | MLR | MLR | |

| | | | | | |
|-------|--|-----------|-----|-----|-----------------|
| KIV | Kislovodsk | 22.40 301 | eP | P | 08 55 35.6 +1.4 |
| KIV | | | eS | S | 08 59 41.3 +1.4 |
| KIV | | | pmx | pmx | |
| KIV | comp=Z,22nm,0.7s,baz=4.7 | | MLR | MLR | |
| KIV | comp=Z,45nm,14.0s,MS3.0 | | | | |
| KIV | Kislovodsk | 22.40 301 | eP | P | 08 55 34.7 +0.4 |
| KIV | comp=Z,26nm,0.7s,baz=4.8 | | | | |
| ARU | Arti | 22.45 344 | dIP | P | 08 55 35.3 +0.7 |
| ARU | | | eP | P | 08 55 57.4 |
| ARU | | | eP | P | 08 56 05.6 |
| ARU | | | eP | P | 08 59 41.1 +0.7 |
| ARU | | | SS | S | 09 00 09.8 |
| ARU | | | SSS | S | 09 00 26.5 |
| ARU | comp=Z,12nm,0.7s,baz=4.4 | | | | |
| ARU | Arti | 22.45 344 | eP | P | 08 55 35.5 +0.9 |
| ARU | comp=Z,20nm,0.8s,baz=4.6 | | | | |
| GTA | Gaotai | 24.31 71 | P | P | 08 55 56.1 +2.8 |
| GTA | | | pP | P | 08 56 00.3 |
| GTA | | | S | S | 08 56 03.6 +3.6 |
| GTA | | | S | S | 09 00 15.8 +4.1 |
| GTA | | | sS | sS | 09 00 23.5 +4.0 |
| GTA | comp=Z,13nm,1.0s,baz=4.3 | | pmx | pmx | |
| GTA | comp=Z,89nm,4.8s | | pmx | pmx | |
| GTA | comp=N,270nm,15.5s,MS4.0 | | LR | LR | |
| GTA | comp=E,230nm,12.8s,MS4.0 | | LR | LR | |
| GTA | comp=Z,230nm,10.7s,MS3.9 | | LR | LR | |
| VRHR | Novokhopersk | 25.60 317 | eP | P | 08 56 08.1 +3.2 |
| VRHR | comp=N,8.0nm,0.7s | | pmx | pmx | |
| VRHR | comp=E,10.0nm,0.7s | | pmx | pmx | |
| VRHR | comp=Z,10.0nm,0.7s,baz=4.5 | | pmx | pmx | |
| KRAR | Krasnoyarsk | 26.12 30 | iP | P | 08 56 08.3 -1.2 |
| KRAR | comp=Z,17nm,1.2s,baz=4.5 | | pmx | pmx | |
| ANN | Anapa | 26.26 301 | eP | P | 08 56 04.0 -7.0 |
| ANN | | | pmx | pmx | |
| VSR | Storozhevo | 27.04 316 | eP | P | 08 56 19.5 +1.6 |
| VSR | comp=Z,60nm,1.3s,baz=5.0 | | pmx | pmx | |
| VSR | comp=N,6.0nm,0.6s | | pmx | pmx | |
| VSR | comp=Z,10.0nm,0.6s,baz=4.5 | | pmx | pmx | |
| VSR | comp=E,1.0nm,0.3s | | pmx | pmx | |
| ASF | Jabal al Asfar | 27.32 273 | LR | LR | 09 08 52.7 |
| ASF | comp=E,82nm,18.0s,MS3.3,baz=198,slow=40 | | | | |
| LZH | Lanzhou | 27.74 78 | eP | P | 08 56 23.0 -1.4 |
| LZH | | | eS | P | 08 57 12.5 |
| LZH | | | PcP | P | 08 59 38.8 -2.0 |
| LZH | | | eS | S | 09 01 02.3 -3.9 |
| LZH | comp=Z,10.0nm,1.1s,baz=4.4 | | pmx | pmx | |
| LZH | comp=Z,74nm,4.8s | | pmx | pmx | |
| LZH | comp=E,340nm,10.8s | | LR | LR | |
| LZH | comp=Z,560nm,12.0s,MS4.4 | | LR | LR | |
| LZH | Mount Meron Arr | 28.32 275 | LR | LR | 09 09 15.1 |
| LZH | comp=Z,6.7nm,19.4s,MS3.2,baz=45,slow=40 | | | | |
| BR131 | Keskin Array S | 28.75 290 | eP | P | 08 56 33.8 +0.4 |
| BR131 | comp=Z,8.3nm,0.8s,baz=4.5 | | | | |
| BRTR | Keskin Array B | 28.75 290 | P | P | 08 56 34.3 +0.9 |
| BRTR | comp=Z,9.1nm,0.8s,baz=9.9,slow=9.3,SNR=19 | | PcP | PcP | 08 59 45.3 +2.1 |
| BRTR | comp=Z,0.6nm,0.6s,baz=77,slow=1.9,SNR=2.4 | | | | |
| CD2 | Chengdu | 28.85 89 | P | P | 08 56 33.4 -0.9 |
| CD2 | | | PP | PP | 08 57 25.9 -1.4 |
| CD2 | | | PP | PP | 09 01 21.3 -2.6 |
| CD2 | comp=Z,10.0nm,0.5s,baz=4.8 | | pmx | pmx | |
| CD2 | comp=Z,220nm,5.1s | | LR | LR | |
| CD2 | comp=N,180nm,8.9s | | LR | LR | |
| CD2 | comp=Z,190nm,7.7s | | LR | LR | |
| TLY | Talaya | 29.30 45 | P | P | 08 56 35.1 -3.0 |
| TLY | comp=Z,2.0nm,0.6s,baz=4.0 | | pmx | pmx | |
| TLY | comp=Z,2.0nm,0.6s,baz=4.0 | | P | P | 08 56 35.1 -3.0 |
| SONM | Songino Array | 29.96 54 | P | P | 08 56 45.3 +1.4 |
| SONM | comp=Z,3.4nm,0.8s,baz=255,slow=10.0,SNR=19 | | LR | LR | 09 10 26.8 |
| SONM | comp=Z,118nm,20.2s,MS3.3,baz=267,slow=40 | | | | |
| SONM | Songino Array | 29.96 54 | P | pmx | 08 56 45.3 +1.3 |
| SONM | comp=Z,3.0nm,0.8s | | MLR | MLR | |
| SONM | comp=Z,118nm,20.2s | | MLR | MLR | |
| OBN | Obninsk | 30.16 321 | ↑P | P | 08 56 46.3 +0.7 |
| OBN | | | i | P | 08 57 43.3 |
| OBN | | | e | pmx | 08 59 46.4 |
| OBN | comp=Z,50nm,1.2s,baz=5.1 | | MLR | MLR | |
| OBN | comp=Z,100nm,4.8s | | MLR | MLR | |
| OBN | comp=Z,100nm,17.0s,MS3.5 | | | | |
| KMI | Kunming | 30.25 100 | P | P | 08 56 46.2 +0.6 |
| KMI | comp=Z,28nm,0.6s,baz=5.2 | | PP | PP | 08 57 43.1 -1.2 |
| KMI | | | S | S | 09 01 41.8 -4.0 |
| KMI | comp=Z,5.0nm,0.8s,baz=4.3 | | pmx | pmx | |
| KMI | comp=Z,100nm,4.8s | | LR | LR | |
| KMI | comp=N,67nm,9.5s | | | | |

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HAU, HDU, LAG, LPL, MBDF, etc.

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

ADC 13 09:36:09.3z, 1.6, 5.58S, 154.10E, h0km, mb3.7/5, mb1 4.0/6, mb1mx3.8/17, mbtmp3.9/6, ML4.7/1, Error ellipse: s-maj=36.7km s-min=29.3km az=112.0, Bougainville - Solomon Islands region

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

ISCJJB 13 09:36:21.4 0.5, 38.38S, 0.03s, 175.81E, 0.05, h200km, 4km, mb3 6/4, Error ellipse: s-maj=7.4km s-min=5.0km az=27.0

ADC 13 09:36:21.5 0.6, 38.74S, 176.15E, h180km, 7km, mb3 2/3, mb1 3.5/4, mb1mx3.3/13, mbtmp3.4/10, Error ellipse: s-maj=29.4km s-min=15.4km az=131.0

NEIC 13 09:36:23.6 3.8, 24.5S, 175.86E, h179km, mb4.4/1, After WEL

WEL 13 09:36:24.6 0.3, 38.26S, 175.89E, h170km, 2km, ML5.0/23, Error ellipse: s-maj=1.8km s-min=1.5km az=90.0

ISC 13 09:36:22.0 0.5, 38.36S, 0.03s, 175.81E, 0.05, h196km, 4km, n168, s107/177, mb3.6/4, North Island

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

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

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

CSEM 13 09:42:26.8 0.3, 67.73N, 15.32E, h2km, ML2.1, Error ellipse: s-maj=7.3km s-min=4.9km az=116.0

HEL 13 09:42:27.0 0.1, 67.91N, 15.10E, h0km, ML2.1, ML2.2 (4BER), ML2.1 (BER)

NAO 13 09:42:32.1 2.5, 67.77N, 15.93E, h12km, 15km, ML2.3

BER 13 09:42:28.2 4.3, 67.86N, 15.28E, h6km, 12km, ML2.4, ML2.1, ML2.3 (NAO), 2C, Northern Norway

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

13d 13h

s-min=23.4km az=108.0, Off coast of southern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res. Includes stations like Paso Flores, Villa Florida, La Paz, etc.

JMA 13 12:34:07.0, 0.2, 25.08N, 122.07E, h32km, M2.1
ISCJB 13 12:34:08.6, 0.4, 24.42N, 101.02, 121.99E, 0.02, h29km, 3km,
Error ellipse: s-maj=4.5km s-min=3.2km az=145.9

Main table of station data for the southern Chile region, including stations like ENA, ILA, TWE, TWD, NNS, etc.

ISC 13 12:34:08.2, 0.4, 24.42N, 101.02, 121.99E, 0.02, h26km, 3km,
n33, c048/63, Taiwan

Code Station Name Az Az' Phase ID Time Res h m s ISC Res
CBIJ Chichi jima 5.39 346 Pn Pn 12 41 00.1 0.0
CBIJ 4.3nm, 0.3s, baz=271, slow=22, SNR=10

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

MEX 13 12:54:11.4, 0.7, 15.14N, 93.26W, h72km, 9km, MD3.8,
Near coast of Chiapas

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

ISCJB 13 13:10:39.0, 0.6, 27.27N, 101.05, 102.8E, 0.2, h10km,
mb3.4/7, Error ellipse: s-maj=19.5km s-min=6.6km az=179.1

IDC 13 13:10:39.9, 1.0, 27.35N, 102.89E, h0km, mb3.4/8,
mb1 3.5/9, mb1mx3.4/24, mbtm3.4/9, ML3.5/1, Error
ellipse: s-maj=31.4km s-min=18.3km az=64.0

BUI 13 13:10:40.9, 2.7, 34N, 102.73E, h10km, MB3.2/10
ISC 13 13:10:41.1, 0.6, 27.27N, 101.05, 102.8E, 0.2, h10km, n10,
c097/11, mb3.4/7, Sichuan

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

DDA 13 13:19:57.0, 38.89N, 27.92E, h3km, 3km, Md2.8
NEIC 13 13:19:56.5, 38.93N, 27.94E, h16km, MD3.6(ATH),
MD3.3(ISK), After ATH.

ATH 13 13:19:56.5, 38.93N, 27.94E, h16km, 2km, MD3.6/5
ISK 13 13:19:57.7, 38.90N, 27.90E, h2km, MD3.2
ISCJB 13 13:19:58.1, 0.5, 38.90N, 102.27, 89E, 0.03, h1km, 4km,
Error ellipse: s-maj=3.9km s-min=3.2km az=28.7

CSEM 13 13:19:58.5, 0.1, 38.90N, 102.78E, h2km, MD3.2, Error
ellipse: s-maj=3.8km s-min=3.1km az=101.0

ISC 13 13:19:58.6, 0.5, 38.90N, 102.27, 87E, 0.03, h2km, 4km,
n87, c097/108, Turkey

Main table of station data for the Mexico region, including stations like AKHS, AKS, AKM, etc.

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

IDC 13 13:21:15.3, 1.1, 46.95N, 156.17E, h0km, mb3.6/8,
mb1 3.8/9, mb1mx3.6/26, mbtm3.7/9, ML3.5/1, MS2.9/1,
Ms1 2.9/1, ms1mx2.6/20, Error ellipse: s-maj=27.7km
s-min=26.2km az=90.0

ISCJB 13 13:21:18.6, 0.9, 47.0N, 0.1, 156.0E, 0.2, h33km, mb3.7/9,
Error ellipse: s-maj=19.8km s-min=11.2km az=37.5
MOS 13 13:21:21.3, 2.0, 47.02N, 155.73E, h58km, mb3.8/4, Error
ellipse: s-maj=18.7km s-min=14.3km az=65.6

ISC 13 13:21:20.7, 1.0, 47.0N, 0.1, 156.1E, 0.2, h35km, n23,
c097/22, mb3.7/9, 1C, East of Kuril Islands

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

ERM 13 13:21:20.7, 1.0, 47.0N, 0.1, 156.1E, 0.2, h35km, n23,
c097/22, mb3.7/9, 1C, East of Kuril Islands

KRSR 13 13:21:20.7, 1.0, 47.0N, 0.1, 156.1E, 0.2, h35km, n23,
c097/22, mb3.7/9, 1C, East of Kuril Islands

ZALV 13 13:21:20.7, 1.0, 47.0N, 0.1, 156.1E, 0.2, h35km, n23,
c097/22, mb3.7/9, 1C, East of Kuril Islands

MKAR 13 13:21:20.7, 1.0, 47.0N, 0.1, 156.1E, 0.2, h35km, n23,
c097/22, mb3.7/9, 1C, East of Kuril Islands

MKAR 13 13:21:20.7, 1.0, 47.0N, 0.1, 156.1E, 0.2, h35km, n23,
c097/22, mb3.7/9, 1C, East of Kuril Islands

KURK 13 13:21:20.7, 1.0, 47.0N, 0.1, 156.1E, 0.2, h35km, n23,
c097/22, mb3.7/9, 1C, East of Kuril Islands

BVAR 13 13:21:20.7, 1.0, 47.0N, 0.1, 156.1E, 0.2, h35km, n23,
c097/22, mb3.7/9, 1C, East of Kuril Islands

BVAR 13 13:21:20.7, 1.0, 47.0N, 0.1, 156.1E, 0.2, h35km, n23,
c097/22, mb3.7/9, 1C, East of Kuril Islands

ARCS 13 13:21:20.7, 1.0, 47.0N, 0.1, 156.1E, 0.2, h35km, n23,
c097/22, mb3.7/9, 1C, East of Kuril Islands

ARCS 13 13:21:20.7, 1.0, 47.0N, 0.1, 156.1E, 0.2, h35km, n23,
c097/22, mb3.7/9, 1C, East of Kuril Islands

WRA 13 13:21:20.7, 1.0, 47.0N, 0.1, 156.1E, 0.2, h35km, n23,
c097/22, mb3.7/9, 1C, East of Kuril Islands

WRA 13 13:21:20.7, 1.0, 47.0N, 0.1, 156.1E, 0.2, h35km, n23,
c097/22, mb3.7/9, 1C, East of Kuril Islands

ASAR 13 13:21:20.7, 1.0, 47.0N, 0.1, 156.1E, 0.2, h35km, n23,
c097/22, mb3.7/9, 1C, East of Kuril Islands

ASAR 13 13:21:20.7, 1.0, 47.0N, 0.1, 156.1E, 0.2, h35km, n23,
c097/22, mb3.7/9, 1C, East of Kuril Islands

TXAR 13 13:21:20.7, 1.0, 47.0N, 0.1, 156.1E, 0.2, h35km, n23,
c097/22, mb3.7/9, 1C, East of Kuril Islands

TXAR 13 13:21:20.7, 1.0, 47.0N, 0.1, 156.1E, 0.2, h35km, n23,
c097/22, mb3.7/9, 1C, East of Kuril Islands

ISCJB 13 13:45:47.8, 0.3, 50.52N, 0.01, 4.50E, 0.02, h7km, 2km,
Error ellipse: s-maj=2.7km s-min=1.6km az=141.1
NEIC 13 13:45:49.9, 50.63N, 4.58E, h4km, MD3.8(LDG),
ML3.3(75TR), After LDG.

NEIC 13 13:45:49.9, 50.63N, 4.58E, h4km, MD3.8(LDG),
ML3.3(75TR), After LDG.
UCC 13 13:45:49.9, 0.1, 50.63N, 4.58E, h5km, 1km, ML3.2, Error
ellipse: s-maj=3.0km s-min=1.9km az=144.0
LDG 13 13:45:49.9, 0.1, 50.63N, 4.58E, h4km, MD3.4/1, M3.8/4/1,
Error ellipse: s-maj=9999.9km s-min=9999.9km az=99.0
STR 13 13:45:51.2, 0.3, 50.62N, 4.50E, h5km, M3.7, Error ellipse:
s-maj=0.0km s-min=0.0km az=0.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AKHS, AKS, DEMI, IZM, BALB, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AKHS, AKS, DEMI, IZM, BALB, etc.

NEIC 13 14:36:31.5, 12:28N-59:05W, h37km, MD3.5 (TRN), After TRN. TRN 13 14:36:29.5, 12:28N-59:30W, h3km, MD3.5, Windward Islands

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

ISC 13 14:46:21.6, 7.1, 7:59S; 117:90E, h265km, 73km, mb3.0/6, mb1.3/2.7, mb1mx3.0/2.0, mbtmp3.1/7, Error ellipse: s-maj=111.2km s-min=22.4km az=59.0

NEIC 13 14:46:24.6, 1.1, 7:64S; 117:90E, h300km, mb3.5/1, Error ellipse: s-maj=78.9km s-min=10.6km az=56.0

ISC 13 14:46:23.7, 4.5, 7:75S; 107:17E, h290km, 51km, n10, o0811/12, mb3.4/5, Bal Sea

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

ISCJBJ 13 14:54:47.0, 0.5, 38:90N; 04:27:91E, 0.05, h5km, 6km, Error ellipse: s-maj=6.6km s-min=5.5km az=141.8

DDA 13 14:54:46.5, 38:98N; 27:92E, h7km, 2km, Md2.6

ISC 13 14:54:47.2, 0.1, 38:90N; 03:27:91E, h2km, Md2.8, Error ellipse: s-maj=2.0km s-min=1.7km az=98.0

ISC 13 14:54:47.4, 0.5, 38:90N; 03:27:91E, 0.05, h6km, 6km, n25, o056/37, Turkey

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AKS, KULA, IZM, BALB, etc.

NIED 13 14:58:00, 21:00N; 121:10E, h11km, Mw6.2 Best double couple: M2.33000x1018 NP1.25x253.00000, s82.00000, lambda-132.00000, NP2.154.00000, s842.00000, lambda-12.00000

JMA 13 14:58:28.8, 0.5, 20:97N; 121:10E, h0km, M6.1, IDC 13 14:58:30, 1.0, 20:94N; 121:02E, h0km, Ms1/30, Ms1.5/31, mb1mx5.1/33, mbtmp5.1/31, Ms1.0/1, MS6.0/26, Ms1.0/26, ms1mx5.9/38, Error ellipse: s-maj=13.6km s-min=9.9km az=82.0

BUI 13 14:58:31.7, 21:18N; 120:98E, h11km, mb6.1/42, mb5.2/45, ML6.8/2, MS6.6/75, Ms7.6/362

ISCJBJ 13 14:58:32.0, 1.2, 21:07N; 01:121:11E, 0.02, h17km, mb5.6/281, MS6.3/285, Error ellipse: s-maj=2.2km s-min=1.5km az=10.5

DJA 13 14:58:33, 21:12N; 121:19E, h11km, Mw6.4/64 TEH 13 14:58:33.0, 21:03N; 121:11E, h10km

NEIC 13 14:58:33.0, 0.2, 21:01N; 121:15E, h14km, mb5.7/159, MS6.8, MS6.3/205, MW6.1, MW6.1, Error ellipse: s-maj=6.6km s-min=4.1km az=83.0, Broadband fault plane solution: P waves, NP1.25x350.00000, s80.00000, lambda.00000, NP2.25x259.00000, s85.00000, lambda.170.00000

Principal axes: T P1g11.00000, Azm214.00000; N P1g0.00000, Azm0.00000; P P1g4.00000, Azm305.00000; Moment Tensor Solution. s83 Moment tensor: Scale 1018 Nm; Mr-0.44; Mw0.19; Mw0.25; Mw0.68; Mw0.195; Mw0.17; Best double couple: M2.10000x1018 NP1: 0.179.00000, s69.00000, lambda.10.00000, NP2: 0.273.00000, s81.00000, lambda.159.00000

Principal axes: T 2.2200, P1g7.00000, Azm44.00000; N 0.2500, P1g65.00000, Azm295.00000; P -1.9700, P1g21.00000, Azm137.00000; Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism.

NEIC Felt at Kao-hsiung and Tai-nan. Felt [I PIVS] at litayat, Batan Islands. MOS 13 14:58:34.7, 1.4, 21:06N; 121:17E, h33km, mb5.8/99, MS6.4/79, Error ellipse: s-maj=6.8km s-min=3.8km az=114.2

TAP 13 14:58:36.8, 21:42N; 121:19E, h44km, ML5.6, C GCMT 13 14:58:36.9, 0.1, 21:04N; 121:05E, h15km, Mw6.2

Moment Tensor Solution. s113, c263, s88, c160; Moment tensor: Scale 1018 Nm; Mr-0.29; Mw0.79; Mw0.1; Mw-1.08; Ms-0.51; Ms-2.13; Ms-1.01; Mw0.35; Ms-0.3; Best double couple: M2.40000x1018 NP1.25x279.00000, s78.00000, lambda.168.00000, NP2.25x349.00000, s79.00000, lambda.12.00000

Principal axes: T 2.3600, P1g7.00000, Azm213.00000; N 0.1100, P1g73.00000, Azm32.00000; P -2.4700, P1g0.00000, Azm123.00000; Data Used: IIU CN G1C. Surface waves: sta=114, comp=261, per=50. SZGRF 13 14:58:37.8, 21:63N; 121:86E, h33km, mb5.8, MS6.7, Taiwan region

ISC 13 14:58:33.4, 0.1, 21:11N; 01:121:09E, 0.02, h18km, Mw6.1, Ms1.1, 1km, P, n111, s128, g77, mb5.6/281, MS6.3/285, 36C-29D, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TSEB, TWK1, HEN, LAY, TAW, etc.

ISC 13 14:54:47.0, 0.5, 38:90N; 04:27:91E, 0.05, h5km, 6km, Error ellipse: s-maj=6.6km s-min=5.5km az=141.8

DDA 13 14:54:46.5, 38:98N; 27:92E, h7km, 2km, Md2.6

ISC 13 14:54:47.2, 0.1, 38:90N; 03:27:91E, h2km, Md2.8, Error ellipse: s-maj=2.0km s-min=1.7km az=98.0

ISC 13 14:54:47.4, 0.5, 38:90N; 03:27:91E, 0.05, h6km, 6km, n25, o056/37, Turkey

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

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like Shilin, Sun Moon Lake, Mirigian, Penghu, Taichung, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like LLP, NJ2, WHN, WHT, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like CBU, SBUM, JHU, MRSI, etc.

Table with columns for station code, frequency, power, and other technical details. Includes stations like MDJ, KBKI, NRI, KDI, KULM, etc.

Table with columns for station code, frequency, power, and other technical details. Includes stations like MMRI, SRBI, PDSI, KHKI, NGJI, SMRI, SJI, GMJI, KLSI, etc.

Table with columns for station code, frequency, power, and other technical details. Includes stations like CLNS, ALBI, KNA, PTH, JOSI, FITZ, etc.

Table with columns for station code, name, coordinates, elevation, and various performance metrics. Includes stations like KIV Kislodovsk, CHGN Chignik, BHD Baghdad, TTA Tatalina, SVWZ Sparvevohn, etc.

Table with columns for station code, name, coordinates, elevation, and various performance metrics. Includes stations like COLA College, AREO Arces Array B, BJO Bjornoya, KAF Kangasniemi, etc.

Table with columns for station code, name, coordinates, elevation, and various performance metrics. Includes stations like INK Inuvik, KIS Kishinev, KIS Kishinev, etc.

13d 14h

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Table with columns for station code, name, frequency, and signal strength. Includes stations like UZH, KDZ, STHS, CRVS, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like MORC, BUD, ABPO, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like KMBO, KILIMA, etc.

13d 16h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like KURK Kurchatov, ASAR Alice Springs, CTCT Charters Tower, etc.

SKHL 13 15:47:11.0,0.2,5330N x 142:83E, h10km, mb3.8/5, 1D, Sakhalin Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like OKH Okha, OKK 999um, 0.4s, OKL 7um, 0.4s, etc.

IDC 13 16:13:12.1, 1.0, 31.51N, 103.23E, h0km, mb3.78, mb1.3/8/10, mb1mx3.6/24, mbtmp3.6/10, ML3.6/2, Error ellipse: s-maj=34.6km s-min=18.3km az=57.0

NEIC 13 16:13:15.1, 31.41N, 103.37E, h19km, mb4.2/3, ML4.0/17, Ms3.9/2

IDC 13 16:13:15.6, 2.9, 31.55N, 103.28E, h23km, mb3.9/2, Error ellipse: s-maj=13.2km s-min=7.6km az=71.0

ISC 13 16:13:14.2, 1.2, 31.51N, 104.00E, h6km, mb3.9km, n27, r137/35, mb3.8/8, Sichuan

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like CD2 Chengdu, LZH Lanzhou, XAN Xi'an, ENH Enshi, KMI Kunming, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like GUN Gumba, PKI Pulhoki, KKN Kakani, etc.

IDC 13 16:17:05.3, 6.7, 7.46S, 119.47E, h293km, 74km, mb3.4/7, mb1.3/3/9, mb1mx3.1/23, mbtmp3.3/9, Error ellipse: s-maj=108.4km s-min=24.8km az=55.0

NEIC 13 16:17:05.3, 1.4, 7.63S, 119.14E, h295km, 17km, mb3.5/1, Error ellipse: s-maj=36.5km s-min=8.4km az=51.0

ISC 13 16:17:03.9, 1.5, 7.85S, 119.02E, h283km, 17km, n17, r0579/20, mb3.6/7, Flores Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, FITZ 4.0km, 0.3s, baze=172, slow=20, SNR=4.6, etc.

MOS 13 16:24:20.2, 1.0, 8.82S, 123.99E, h33km, mb5.2/20, Error ellipse: s-maj=15.0km s-min=6.8km az=122.1

BUI 13 16:24:21.5, 9.64S, 124.59E, h105km, mb5.2/15, mb4.5/037, NEIC 13 16:24:26.7, 1.2, 8.91S, 124.01E, h76km, 12km, mb4.9/20, Error ellipse: s-maj=12.3km s-min=6.9km az=56.0

IDC 13 16:24:28.1, 2.0, 8.81S, 123.95E, h85km, 17km, mb4.4/18, mb1.4/5/18, mb1mx4.4/21, mbtmp4.4/18, Error ellipse: s-maj=20.5km s-min=10.9km az=66.0

ISC/JB 13 16:24:28.0, 5.0, 9.22S, 124.00E, h124km, 5km, mb4.9/63, Error ellipse: s-maj=8.2km s-min=4.9km az=139.4

DJA 13 16:24:30.9, 27S, 124.07E, h101km, Mw5.3/10, ISC 13 16:24:29.4, 0.4, 9.18S, 124.14E, h113km, 4km, h100km, 1.9km, pP-P, n158, r124/160, mb4.9/63, 7C-3D,

Timor region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like WMI Maumere, WSI Waingapu, KDI Kendari, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like FORT Forrest, PMG Port Moresby, KLBR Kellerberrin, etc.

| | | | | | |
|------|--|-----------|----|---|-----------------|
| Y20A | Horse Springs, baz=68, SNR=9.5 | 67.28 324 | ↑P | P | 17 44 40.9 +0.6 |
| W22A | Albuquerque, baz=66 | 67.38 326 | ↑P | P | 17 44 41.5 +0.6 |
| X21A | Alamocita Cree, baz=68, SNR=13 | 67.38 325 | ↑P | P | 17 44 41.5 +0.6 |
| TUC | Tucson, comp=E, 7.6nm, 1.3s, mb4.4 | 67.45 322 | eP | P | 17 44 40.3 -1.0 |
| V23A | Ortiz Mt. (NFS, baz=68, SNR=9.6 | 67.55 327 | ↑P | P | 17 44 42.4 +0.5 |
| 117A | Oracle, baz=68, SNR=14 | 67.61 322 | ↑P | P | 17 44 42.5 +0.2 |
| 216A | Three Points, baz=68, SNR=8.5 | 67.61 321 | ↑P | P | 17 44 42.7 +0.3 |
| LIC | Lamto, comp=E, 7.4nm, 1.4s, mb5.3 | 67.74 73 | eP | P | 17 44 43.1 -0.5 |
| Y19A | Nutriso, baz=69, SNR=14 | 67.80 324 | ↑P | P | 17 44 44.4 +0.9 |
| W21A | San Fidel, baz=68, SNR=5.6 | 67.82 326 | ↑P | P | 17 44 44.1 +0.5 |
| X20A | Quemado, baz=68, SNR=6.9 | 67.83 325 | ↑P | P | 17 44 44.2 +0.5 |
| TIC | Toumodi, comp=E, 1.1nm, 0.2s, mb5.3 | 67.93 73 | eP | P | 17 44 45.4 +0.6 |
| U23A | El Rito, baz=68 | 68.01 328 | ↑P | P | 17 44 45.1 +0.3 |
| V22A | San Miguel Ran, baz=69, SNR=10 | 68.05 327 | ↑P | P | 17 44 45.6 +0.5 |
| K1C | Kosan Boka, baz=66 | 68.36 73 | eP | P | 17 44 45.7 +0.1 |
| DBIC | Dimbokro, comp=E, 2.6nm, 0.5s, mb5.3 | 68.09 73 | eP | P | 17 44 46.0 +0.2 |
| Y18A | Canyon Day Jun, baz=68, SNR=5.6 | 68.10 323 | ↑P | P | 17 44 45.8 +0.4 |
| S25A | Robets Cordova, baz=68, SNR=7.6 | 68.22 320 | ↑P | P | 17 44 45.9 -0.2 |
| W20A | Ramah, baz=68, SNR=9.8 | 68.28 325 | ↑P | P | 17 44 47.5 +0.4 |
| 214A | Organ Pipe Nat, baz=69, SNR=12 | 68.38 320 | ↑P | P | 17 44 47.5 +0.3 |
| U22A | Llaves, baz=69, SNR=5.9 | 68.38 327 | ↑P | P | 17 44 47.6 +0.5 |
| QSPA | South Pole Qui, comp=E, 1.7nm, 0.8s, mb4.9 | 68.49 180 | eP | P | 17 44 47.8 +0.6 |
| Y17A | Roosevelt, baz=69, SNR=9.8 | 68.49 323 | ↑P | P | 17 44 48.2 +0.3 |
| S24A | Houchin Ranch, baz=69, SNR=5.3 | 68.57 329 | ↑P | P | 17 44 48.9 +0.7 |
| W19A | Sanders, baz=69 | 68.74 325 | ↑P | P | 17 44 49.7 +0.3 |
| SDCO | Great Sand Dun, baz=69, SNR=8.5 | 68.79 329 | eP | P | 17 44 49.3 -0.3 |
| U21A | Nageezi, baz=69, SNR=6.9 | 68.83 327 | ↑P | P | 17 44 50.0 +0.1 |
| T22A | Edith, baz=69, SNR=6.9 | 68.90 327 | ↑P | P | 17 44 50.7 +0.4 |
| X17A | Forest Lakes, baz=69 | 68.94 323 | ↑P | P | 17 44 51.4 +0.7 |
| Y16A | Circle Bar Ran, baz=69, SNR=11 | 68.99 322 | ↑P | P | 17 44 51.5 +0.6 |
| 114A | Black Gap (USA, baz=69, SNR=9.0 | 68.99 321 | ↑P | P | 17 44 51.2 +0.2 |
| R24A | Sanders Place, baz=69, SNR=7.3 | 68.99 330 | ↑P | P | 17 44 51.3 +0.5 |
| V19A | Window Rock, baz=69, SNR=7.3 | 69.01 325 | ↑P | P | 17 44 51.2 +0.2 |
| U20A | Newcomb, baz=69, SNR=12 | 69.24 326 | ↑P | P | 17 44 52.6 +0.2 |
| X16A | Lo Mia Camp, P, baz=70, SNR=13 | 69.36 323 | ↑P | P | 17 44 53.8 +0.6 |
| V18A | Ganado, baz=70 | 69.48 325 | ↑P | P | 17 44 53.7 -0.2 |
| Y15A | Casa Rosa Ranc, baz=70, SNR=10 | 69.53 322 | ↑P | P | 17 44 54.8 +0.5 |
| U19A | Dine' College, baz=70 | 69.53 325 | ↑P | P | 17 44 53.8 -0.4 |
| P25A | Willow Gulch B, baz=70 | 69.59 331 | ↑P | P | 17 44 54.8 +0.3 |
| Q24A | Divide, baz=70, SNR=6.7 | 69.60 330 | ↑P | P | 17 44 54.9 +0.3 |
| Z13A | Yuma Proving G, baz=70, SNR=5.6 | 69.77 320 | ↑P | P | 17 44 55.8 0.0 |
| T19A | Geolabito, baz=70, SNR=6.3 | 69.84 326 | ↑P | P | 17 44 56.3 +0.2 |
| S21A | Coal Bank Pass, baz=70, SNR=5.1 | 69.85 327 | ↑P | P | 17 44 56.5 +0.4 |
| X15A | Humboldt, baz=70, SNR=12 | 69.86 322 | ↑P | P | 17 44 56.8 +0.5 |
| MVCO | Mesa Verde, baz=70, SNR=10 | 69.86 327 | ↑P | P | 17 44 56.4 +0.2 |
| MVCO | Mesa Verde, baz=70, SNR=10 | 69.86 327 | ↑P | P | 17 44 56.4 +0.1 |
| V17A | Tonalea, baz=70, SNR=19 | 69.88 324 | ↑P | P | 17 44 56.8 +0.4 |
| Q25A | Flagstaff, baz=70, SNR=12 | 69.90 323 | ↑P | P | 17 44 57.2 +0.7 |
| Y14A | Wickenburg, baz=70 | 69.91 321 | ↑P | P | 17 44 56.8 +0.2 |
| U18A | Rough Rock, Ch, baz=70, SNR=5.5 | 69.98 325 | ↑P | P | 17 44 57.5 +0.5 |
| WUAZ | Wupatki, baz=70, SNR=13 | 70.12 324 | ↑P | P | 17 44 58.6 +0.7 |
| WUAZ | Wupatki, baz=70, SNR=13 | 70.12 324 | eP | P | 17 44 58.5 +0.6 |
| ECSD | EROS Data Cent, baz=70 | 70.17 338 | eP | P | 17 44 56.4 -1.6 |
| X14A | Yava, baz=70, SNR=6.7 | 70.22 327 | ↑P | P | 17 44 59.2 +0.7 |
| S20A | Disappointment, baz=70, SNR=9.8 | 70.27 327 | ↑P | P | 17 44 59.4 +0.6 |
| R21A | Cimarron, baz=70 | 70.28 328 | ↑P | P | 17 44 59.2 +0.5 |
| Y13A | Salome, baz=70 | 70.30 321 | ↑P | P | 17 44 59.4 +0.4 |
| U16A | Tuba City, baz=70, SNR=6.1 | 70.45 324 | ↑P | P | 17 44 59.0 +0.4 |
| ISCO | Idaho Springs, comp=E, 3.9nm, 0.6s, mb4.2 | 70.48 330 | eP | P | 17 44 59.8 -0.2 |
| T18A | Mexican Hat, baz=71, SNR=17 | 70.52 326 | ↑P | P | 17 45 00.2 -0.1 |
| U17A | Shonto, baz=71, SNR=6.7 | 70.54 325 | ↑P | P | 17 45 00.9 +0.5 |
| R20A | Redvale, baz=71, SNR=10 | 70.55 327 | ↑P | P | 17 45 01.1 +0.7 |
| S19A | Harvey Farm, M, baz=71 | 70.60 327 | ↑P | P | 17 45 00.8 0.0 |
| PV01 | Paradox Valley, comp=E, 821nm, 1.0s | 70.61 327 | eP | P | 17 45 00.9 +0.2 |
| SMCO | Snowmass, baz=71, SNR=18 | 70.63 329 | eP | P | 17 45 01.4 +0.5 |
| V15A | Kaibab Nationa, baz=71, SNR=12 | 70.79 323 | ↑P | P | 17 45 02.8 +0.8 |
| X13A | Yucca, baz=71, SNR=10 | 70.85 321 | ↑P | P | 17 45 02.6 +0.3 |
| W14A | Seligman, baz=71, SNR=9.7 | 70.86 322 | ↑P | P | 17 45 02.8 +0.4 |
| DVTC | Desert V Tower, baz=71 | 70.87 318 | ↑P | P | 17 45 02.5 0.0 |
| T17A | Navajo Res., N, baz=71, SNR=12 | 70.91 325 | ↑P | P | 17 45 03.4 +0.8 |
| O23A | Lake Granby, G, baz=71 | 70.95 330 | ↑P | P | 17 45 03.3 +0.5 |
| S18A | Hurst Farm, BI, baz=71, SNR=18 | 71.00 326 | ↑P | P | 17 45 03.7 +0.5 |
| R19A | Curry Farm, L, baz=71, SNR=8.0 | 71.08 327 | ↑P | P | 17 45 04.2 -1.2 |
| BC3 | Big Chukwalla, baz=71, SNR=11 | 71.16 320 | ↑P | P | 17 45 02.6 +0.4 |
| V14A | Boquillas Ranc, baz=71, SNR=8.0 | 71.18 323 | ↑P | P | 17 45 05.3 +1.0 |
| Q22A | Kremmling, baz=71, SNR=9.5 | 71.20 330 | ↑P | P | 17 45 04.3 -0.1 |
| MONP | Monument Peak, baz=71, SNR=5.2 | 71.22 318 | ↑P | P | 17 45 05.1 +0.8 |
| BAR | Barrett, baz=71 | 71.24 318 | eP | P | 17 45 04.3 -0.4 |
| W13A | Hualapai Mount, baz=71, SNR=6.3 | 71.24 322 | ↑P | P | 17 45 05.5 +0.8 |
| U15A | North Rim, baz=72, SNR=18 | 71.30 324 | ↑P | P | 17 45 06.0 +1.0 |
| IRM | Iron Mountain, baz=72, SNR=8.1 | 71.33 320 | ↑P | P | 17 45 05.4 +0.2 |
| R18A | Canyonlands Na, baz=72, SNR=8.7 | 71.47 326 | ↑P | P | 17 45 05.9 -0.1 |
| N23A | Red Feather La, baz=72 | 71.51 331 | ↑P | P | 17 45 06.3 +0.1 |
| Q19A | Hogan Spring (, baz=72, SNR=6.6 | 71.58 327 | ↑P | P | 17 45 06.8 +0.2 |
| N22A | Wattenberg Ran, baz=72 | 71.67 330 | ↑P | P | 17 45 07.5 +0.4 |
| BELC | Belle Mtn. Jos, baz=72 | 71.72 320 | ↑P | P | 17 45 08.0 +0.3 |
| PFO | Pinyon Flat Ob, baz=72 | 71.73 319 | ↑P | P | 17 45 07.7 0.0 |

| | | | | | |
|------|---|-----------|----|---|-----------------|
| T15A | Red Dirt Ranch, baz=72, SNR=9.0 | 71.78 324 | ↑P | P | 17 45 08.9 +1.1 |
| U14A | Mt Trumbull, baz=72, SNR=21 | 71.78 323 | ↑P | P | 17 45 08.7 +0.8 |
| V13A | Great Canyon W, baz=72, SNR=16 | 71.83 322 | ↑P | P | 17 45 08.7 +0.5 |
| S16A | Weppner Ranch, baz=72, SNR=6.8 | 71.87 325 | ↑P | P | 17 45 08.6 +0.3 |
| R17A | Hanksville Air, baz=72, SNR=19 | 71.92 326 | ↑P | P | 17 45 08.9 +0.2 |
| P19A | Crickle Cowboy, baz=72, SNR=26 | 71.96 328 | ↑P | P | 17 45 09.3 +0.4 |
| O20A | White River Ci, baz=72, SNR=15 | 71.99 329 | ↑P | P | 17 45 09.2 +0.1 |
| GMRC | Granite Mounta, baz=72, SNR=9.9 | 72.06 320 | ↑P | P | 17 45 09.9 +0.4 |
| T14A | Hurricane, baz=72, SNR=13 | 72.19 324 | ↑P | P | 17 45 11.2 +0.9 |
| U13A | San Rafael, baz=72, SNR=19 | 72.22 323 | ↑P | P | 17 45 11.0 +0.5 |
| V12A | Nelson, baz=72, SNR=8.4 | 72.24 322 | ↑P | P | 17 45 10.8 +0.2 |
| SRU | San Rafael, baz=73, SNR=13 | 72.34 327 | ↑P | P | 17 45 11.4 +0.3 |
| SRU | Hector, Ludlow, baz=73, SNR=8.0 | 72.34 327 | eP | P | 17 45 11.2 0.0 |
| HEC | Case Valley, baz=73, SNR=12 | 72.49 320 | ↑P | P | 17 45 12.8 +0.7 |
| Q16A | Spence Gulch, baz=73, SNR=9.3 | 72.53 326 | ↑P | P | 17 45 12.8 +0.4 |
| N20A | Spence Gulch, baz=73, SNR=6.8 | 72.54 329 | ↑P | P | 17 45 12.4 +0.1 |
| O19A | Miners Draw (B, baz=73, SNR=12 | 72.54 328 | ↑P | P | 17 45 12.4 +0.1 |
| U12A | Valley of Fire, baz=73, SNR=11 | 72.56 322 | ↑P | P | 17 45 13.1 +0.5 |
| P18A | Preston Nutter, baz=73, SNR=22 | 72.59 327 | ↑P | P | 17 45 13.5 +0.9 |
| T13A | Saint George, baz=73, SNR=8.1 | 72.62 323 | ↑P | P | 17 45 13.7 +0.8 |
| CCUT | Cedar City, baz=73, SNR=15 | 72.70 324 | eP | P | 17 45 14.3 +1.0 |
| P17A | Butcher Ranch, baz=73, SNR=7.4 | 72.72 327 | ↑P | P | 17 45 13.8 +0.4 |
| MSU | Marysville, baz=73, SNR=6.8 | 72.76 325 | eP | P | 17 45 13.9 +0.2 |
| TMUT | Trail Mountain, baz=73, SNR=12 | 72.83 326 | eP | P | 17 45 15.0 +0.9 |
| ARUT | Antelope Rang, comp=E, 1.1nm, 1.1s, mb5.3 | 72.92 324 | eP | P | 17 45 15.4 +0.8 |
| O18A | Roosevelt, baz=73 | 72.95 328 | ↑P | P | 17 45 15.2 +0.5 |
| S13A | Holt Ranch, En, baz=73, SNR=15 | 73.00 323 | ↑P | P | 17 45 16.1 +1.0 |
| L21A | Ravens, baz=73, SNR=9.4 | 73.01 330 | ↑P | P | 17 45 14.9 -0.2 |
| N19A | John Jarvie Ra, baz=73, SNR=9.1 | 73.03 329 | ↑P | P | 17 45 15.1 -0.1 |
| GSC | Goldstone, baz=73, SNR=5.7 | 73.10 320 | ↑P | P | 17 45 16.2 +0.5 |
| GSC | Goldstone, baz=73, SNR=5.7 | 73.10 320 | eP | P | 17 45 16.1 +0.3 |
| O17A | Robinson Place, baz=74, SNR=20 | 73.27 327 | ↑P | P | 17 45 17.4 +0.7 |
| R13A | O'Grain Ranch, baz=74, SNR=8.2 | 73.49 324 | ↑P | P | 17 45 18.6 +0.7 |
| L20A | Wamsutter, baz=74, SNR=5.4 | 73.49 330 | ↑P | P | 17 45 18.1 +0.2 |
| T11A | Corn Creek, Al, baz=74, SNR=17 | 73.52 322 | ↑P | P | 17 45 18.8 +0.6 |
| EDW2 | Edwards Air Fo, baz=74, SNR=7.1 | 73.53 319 | ↑P | P | 17 45 18.1 -0.2 |
| S12A | Delamar Landin, baz=74, SNR=6.1 | 73.57 323 | ↑P | P | 17 45 19.3 +0.9 |
| U10A | Ash Meadows, A, baz=74, SNR=6.1 | 73.58 321 | ↑P | P | 17 45 19.2 +0.7 |
| MPU | Maple Canyon, baz=74, SNR=12 | 73.59 327 | eP | P | 17 45 19.1 +0.6 |
| O16A | Springville, baz=74, SNR=7.4 | 73.66 327 | ↑P | P | 17 45 19.5 +0.6 |
| DAU | Daniels Canyon, baz=74, SNR=12 | 73.69 327 | eP | P | 17 45 19.9 +0.8 |
| Q14A | Sevier Lake (B, baz=74, SNR=5.1 | 73.69 325 | ↑P | P | 17 45 20.0 +0.8 |
| LRMC | Laurel Mountai, baz=74, SNR=5.1 | 73.75 320 | ↑P | P | 17 45 19.8 +0.2 |
| NLU | North Lily Min, baz=74, SNR=5.1 | 73.77 326 | eP | P | 17 45 20.7 +1.1 |
| M18A | Lyman, baz=74 | 73.87 328 | ↑P | P | 17 45 19.8 -0.3 |
| N17A | Moffitt Pass, baz=74, SNR=14 | 73.88 328 | ↑P | P | 17 45 20.9 +0.8 |
| FURC | Furnace Creek, baz=74, SNR=6.2 | 73.93 321 | ↑P | P | 17 45 21.2 +0.6 |
| JLU | Jordanelle, baz=74, SNR=6.2 | 73.93 327 | eP | P | 17 45 21.2 +0.7 |
| K20A | Yellowstone Ra, baz=74, SNR=7.9 | 74.00 330 | ↑P | P | 17 45 20.6 -0.3 |
| MPMC | Manual Propsec, baz=74, SNR=7.8 | 74.02 320 | ↑P | P | 17 45 21.2 +0.1 |
| P14A | Drum Mountains, baz=74, SNR=15 | 74.02 325 | ↑P | P | 17 45 21.8 +0.7 |
| L19A | Farson, baz=74, SNR=5.2 | 74.04 329 | ↑P | P | 17 45 21.2 +0.1 |
| Q13A | Wheeler Ranch, baz=74, SNR=6.5 | 74.07 324 | ↑P | P | 17 45 21.9 +0.6 |
| M17A | Fish Haven, baz=74, SNR=6.5 | 74.20 328 | ↑P | P | 17 45 21.7 -0.4 |
| DUG | Dugway, baz=74, SNR=8.3 | 74.33 326 | ↑P | P | 17 45 23.3 +0.5 |
| DUG | Dugway, baz=74, SNR=8.3 | 74.33 326 | eP | P | 17 45 23.1 +0.3 |
| ISA | Isabella, baz=74, SNR=8.6 | 74.34 319 | ↑P | P | 17 45 23.4 +0.4 |
| ISA | Isabella, baz=74, SNR=8.6 | 74.34 319 | eP | P | 17 45 23.2 +0.1 |
| P13A | Bates Ranch, G, baz=75, SNR=9.6 | 74.43 325 | ↑P | P | 17 45 24.2 +0.8 |
| R11A | Troy Canyon, baz=75, SNR=14 | 74.50 323 | ↑P | P | 17 45 24.4 +0.6 |
| Q12A | Willow Creek R, baz=75 | 74.57 324 | ↑P | P | 17 45 24.8 +0.5 |
| CWC | Cottonwood Cre, baz=75 | 74.63 320 | ↑P | P | 17 45 24.9 +0.3 |
| PDAR | Pinedale Array, comp=E, 1.7nm, 0.6s, mb4.9, slow=1.31, SNR=13 | 74.65 330 | ↑P | P | 17 45 24.2 -0.4 |
| PKM | Peak Mountain, baz=75, SNR=10.0 | 74.67 318 | ↑P | P | 17 45 25.4 +0.5 |
| HWUT | Hardware Ranch, baz=75, SNR=10.0 | 74.74 328 | eP | P | 17 45 24.8 -0.3 |
| L17A | Cokeville, baz=75, SNR=5.6 | 74.77 328 | ↑P | P | 17 45 25.0 -0.3 |
| S10A | Toponah Range, baz=75, SNR=9.9 | 74.78 322 | ↑P | P | 17 45 25.9 +0.4 |
| K18A | Toltan Ranch, baz=75, SNR=9.7 | 74.78 329 | ↑P | P | 17 45 25.8 +0.5 |
| Q11A | Duckwater, baz=75, SNR=9.3 | 74.89 323 | ↑P | P | 17 45 26.6 +0.5 |
| P12A | McGill, baz=75, SNR=5.3 | 74.92 324 | ↑P | P | 17 45 26.8 +0.6 |
| L16A | Fish Haven, baz=75 | 74.98 328 | ↑P | P | 17 45 26.5 -0.1 |
| N14A | Grayback Hills, baz=75, SNR=6.7 | 75.00 326 | ↑P | P | 17 45 |

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Gaotai, Hu-ho-hao-te, CMAR Chiang Mai Arr, CD2 Chengdu, KMI Kunming, GYA Guiyang, etc.

ISC/JB 13 17:40:52.9-0.9, 14:2N, 0.1-91.43W, 0.06, h114km, 10km, Error ellipse: s-maj=20.1km s-min=5.8km az=21.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JAT Jato, FUG Fuego 3, PCG Pacaya, etc.

BJI 13 17:41:20.7, 23.72N, 143.64E, h38km, mb4.9/20, mb4.7/33, MS4.4/19, MS7.4/319

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CBIJ Chichi jima, CBIJ Chichi jima 2, JHJ Hachijo jima 2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CN2 Changchun, HABR Khabarovsk, TIA Tai'an, WHN Wuhan, etc.

ISC/JB 13 17:40:52.9-0.9, 14:2N, 0.1-91.43W, 0.06, h114km, 10km, Error ellipse: s-maj=20.1km s-min=5.8km az=21.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GYA Guiyang, CD2 Chengdu, KMI Kunming, etc.

ISC/JB 13 17:41:25.3-0.9, 24.03N, 142.99E, h33km, mb4.9/27, Error ellipse: s-maj=12.3km s-min=7.0km az=96.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SONM Songrio Array, YAK Yakutsk, YAK Yakutsk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAR Alice Springs, WMQ Urumqi, WMQ Urumqi, etc.

ISC/JB 13 17:40:52.9-0.9, 14:2N, 0.1-91.43W, 0.06, h114km, 10km, Error ellipse: s-maj=20.1km s-min=5.8km az=21.1

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

ISC/JB 13 17:41:26.0-0.3, 24.09N, 143.04E, h33km, mb4.7/80, MS4.0/7, Error ellipse: s-maj=6.0km s-min=5.1km az=173.2

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like F18A Big Timber, K12A Draper Farm, L11A Cat Creek Ranch, etc.

IDC 13 19:30:39.61.6, 1.12N, 97.01E, h0km, mb3.77, mb1 3.7/9, mb1 mx3.6/22, mbtmp3.6/9, ML3.3/2, Error ellipse: s-maj=42.5km s-min=20.3km az=57.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like PSI Prapat, IPM Ipoh, KULM Kulim, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, BVAR Borovoye Array, etc.

IDC 13 19:52:31.7-3.2, 24.02N, 142.80E, h0km, mb3.5/3, mb1 3.7/3, mb1 mx3.3/21, mbtmp3.5/3, Error ellipse: s-maj=145.6km s-min=32.9km az=80.0, Volcano Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like WRA Warramunga Arr, MKAR Makanchi Array, FINES FINESS Array B, etc.

NEIC 13 20:31:27.8.11.0, 4.51S, 147.43E, h134km, 42km, mb4.5/2, Error ellipse: s-maj=133.9km s-min=36.9km az=213.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like PMG Port Moresby, COEN Coen, CTA Charters Tower, etc.

MOS 13 20:59:46.4.1.7, 1.796N, 155.43E, h53km, mb4.0/5, Error ellipse: s-maj=21.8km s-min=13.9km az=75.0

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

IDC 13 20:59:47.3.2.0, 48.09N, 155.44E, h36km, 6km, mb3.5/9, mb1 3.6/10, mb1 mx3.4/26, mbtmp3.5/10, ML3.4/1, MS3.2/2, Ms1 3.2/2, ms1 mx2.6/25, Error ellipse: s-maj=47.7km s-min=23.8km az=157.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like PET Petrovavlovsk, ASAJ Asahikawa, ERM Erimo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like TWG Yuhang, YULB Yulib, YULB Yulib, 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.

CSEM 13 21:56:00.3, 40.10N, 29.72W, h5km, ML2.7, After PDA PDA 13 21:56:00.3, 40.10N, 29.72W, h5km, ML2.7, Error ellipse: s-maj=22.2km s-min=6.7km az=68.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like PCED Cedros, PCED Cedros, CALA Caldeira, etc.

NEIC 13 22:14:30.3, 19.49N, 65.32W, h93km, MD3.6(RSPR), After RSPR RSPR 13 22:14:30.3, 19.49N, 65.32W, h93km, 12km, MD3.6/6, MD3.6/6, 10C-6D, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like STVI Saint Thomas, STVI Saint Thomas, TBVI Tortola, etc.

IDC 13 22:14:47.3.81.0, 17.98S, 167.37E, h0km, mb4.0/3, mb1 4.2/3, mb1 mx3.7/13, mbtmp4.0/3, MS3.5/5, Ms1 3.6/5, ms1 mx3.1/22, Error ellipse: s-maj=1360.0km s-min=119.2km az=71.0, Vanuatu Islands

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

IDC 13 22:30:06.7.0.8, 37.67N, 148.19E, h0km, mb4.1/15, mb1 4.1/19, mb1 mx4.0/31, mbtmp4.1/19, ML2.7/1, MS2.9/9, Ms1 3.0/9, ms1 mx2.7/33, Error ellipse: s-maj=15.4km s-min=1.0km az=22.0

NWC 13 22:30:17.6:8.6,38.44N:48.98E,h10km,63km,mb4.4, Error ellipse: s-maj=74.7km s-min=35.3km az=94.0 ISC 13 22:30:08.4:0.5,37.80N:0.02:48.17E,0.02,h7km,3km, n318,e111/369,mb4.3/41,MS2.8/5,8C-14D, Northwestern Iran

Main data table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, and various station codes (e.g., ISRB, GHRV, BURAR, etc.) and their corresponding values.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like NB2 NORSAR Subarra, NOA NORSAR Arr B, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like TORO Torodi Arr, CMAR Chiang Mai Arr, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MKAR Makanchi Array, ZALV Zalesovo Beam, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like LKR Lokris, ATAL Atalanti, ZKR Zakros, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like CLL Collm, WLF Waferdange, ESDC Sonsea Array, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like WRAB Tennant Creek, UCH Uchter, ASAR Alice Springs, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Echery, Humbligny, La Foliniere, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Saint-Julien-L, Calviac, Montbardon, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like HMBC, LCO, LPAZ, etc.

14d 3h

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Table with multiple columns containing station identifiers (e.g., FUORN, VDL, BOB), call signs (e.g., 1.00 351, 1.12 320), and various alphanumeric codes (e.g., Pg, Sg, Pn, Sg, Pn). The table lists numerous stations and their associated data points.

Table with columns: Station Name, Frequency, Band, Mode, and other parameters. Includes stations like Grafenberg Arr, Saint-Julien-I, Saint-Julien-II, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other parameters. Includes stations like Heimgangroev, Heimgangroev, Heimgangroev, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other parameters. Includes stations like Kodiak Island, Kodiak Island, Rabbit Creek A, etc.

Technical notes and data for station IDs: IDC 14 04:44:47.0, 4.2, 25N, 96.44E, h0km, mb5.1/21, mb1.5/23, mb1mx5.1/24, mbtmp5.1/23, ML4.8/2, MS5.2/24, MS1.5/24, ms1mx1.3/30, Error ellipse: s-maj=15.3km, s-min=10.7km az=59.0, etc.

Technical notes and data for station IDs: NEIC 14 04:44:51.6, 0.1, 2, 31N, 96.59E, h33km, mb5.7/88, MS5.3/69, Error ellipse: s-maj=6.8km s-min=3.9km az=117.6, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, Time, Residual, etc. Includes stations like TPTI, Gunungsitoli, Prapat, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, Time, Residual, etc. Includes stations like KRJI, Kerinci, KGM, Kuala Trenggan, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, Time, Residual, etc. Includes stations like SDPT, Sand Point, AKUT, Akutan, etc.

| | | | | | |
|---|---|------------------|------------------|------------|------------------------|
| KSH | PcP | PcP | 04 54 35.8 +1.3 | | |
| KSH | ScP | ScP | 04 58 20.5 -1.8 | | |
| KSH | PcS | PcS | 04 58 25.4 -0.4 | | |
| KSH | S | S | 04 58 43.3 -8.4 | | |
| KSH | sS | sS | 04 59 07.3 -0.7 | | |
| KSH | SS | SS | 05 01 46.0 -1.2 | | |
| KSH | ScS | ScS | 05 02 34.0 -4.7 | | |
| KSH | pmx | pmx | | | |
| comp=Z,37nm,1.0s,mb5.0 | | | | | |
| KSH | pmx | pmx | | | |
| comp=Z,750nm,4.5s | | | | | |
| KSH | LR | LR | | | |
| comp=N,4um,16.8s,MSS.5 | | | | | |
| KSH | LR | LR | | | |
| comp=E,4um,17.8s,MSS.5 | | | | | |
| KSH | LR | LR | | | |
| comp=Z,5um,20.7s,MSS.3 | | | | | |
| BJT | Baijiatuu | 41.65 23 | eP | P | 04 52 38.8 +0.6 |
| BJT | comp=Z,187nm,0.7s | | pmx | | |
| BJT | MLR | MLR | | | |
| comp=Z,3um,19.0s | | | | | |
| BJT | Baijiatuu | 41.65 23 | eP | P | 04 52 38.8 +0.6 |
| BJT | comp=Z,187nm,0.7s,mb5.8 | | | | |
| BJT | LR | LR | | | |
| comp=Z,3um,19.0s,MSS.2 | | | | | |
| BJI | Beijing | 41.67 23 | P | P | 04 52 39.0 +0.7 |
| BJI | pP | pP | 04 52 51.3 +3.0 | | |
| BJI | sP | sP | 04 52 56.3 +4.0 | | |
| BJI | S | S | 04 58 54.4 +11.6 | | |
| BJI | sS | sS | 04 59 14.1 +4.9 | | |
| BJI | pmx | pmx | | | |
| comp=Z,290nm,0.9s,mb5.9 | | | | | |
| BJI | pmx | pmx | | | |
| comp=Z,2um,3.7s | | | | | |
| BJI | LR | LR | | | |
| comp=N,5um,16.2s,MSS.8 | | | | | |
| BJI | LR | LR | | | |
| comp=E,7um,14.5s,MSS.8 | | | | | |
| BJI | LR | LR | | | |
| comp=Z,1um,19.2s,MS4.9 | | | | | |
| WMQ | Urumqi | 42.18 350 | P | P | 04 52 42.5 +0.1 |
| WMQ | pP | pP | 04 52 54.8 +2.4 | | |
| WMQ | sP | sP | 04 53 00.3 +3.9 | | |
| WMQ | PP | PP | 04 54 23.8 +3.3 | | |
| WMQ | PcP | PcP | 04 54 37.3 +1.0 | | |
| WMQ | ScP | ScP | 04 58 23.0 -1.6 | | |
| WMQ | S | S | 04 58 58.5 -1.7 | | |
| WMQ | sS | sS | 04 59 19.3 +2.7 | | |
| WMQ | SS | SS | 05 02 01.4 -7.7 | | |
| WMQ | ScS | ScS | 05 02 38.6 -3.6 | | |
| WMQ | pmx | pmx | | | |
| comp=Z,71nm,1.2s,mb5.2 | | | | | |
| WMQ | pmx | pmx | | | |
| comp=Z,1um,3.6s | | | | | |
| WMQ | LR | LR | | | |
| comp=N,4um,20.2s,MSS.5 | | | | | |
| WMQ | LR | LR | | | |
| comp=E,5um,21.4s,MSS.5 | | | | | |
| WMQ | LR | LR | | | |
| comp=Z,5um,19.6s,MSS.4 | | | | | |
| SMPI | Sarmi | 42.37 95 | P | P | 04 52 43.7 -0.8 |
| SMPI | comp=Z,4um,comp=Z,240nm,1.1s,mb5.7 | | | | |
| DL2 | Dalian | 43.12 29 | S | S | 04 52 49.9 -0.2 |
| DL2 | S | S | 04 59 13.3 -0.9 | | |
| DL2 | pmx | pmx | | | |
| comp=Z,160nm,1.0s,mb5.7 | | | | | |
| DL2 | pmx | pmx | | | |
| comp=Z,490nm,6.0s | | | | | |
| DL2 | LR | LR | | | |
| comp=N,2um,12.1s,MSS.5 | | | | | |
| DL2 | LR | LR | | | |
| comp=E,3um,15.5s,MSS.5 | | | | | |
| DL2 | LR | LR | | | |
| comp=Z,3um,17.3s,MSS.2 | | | | | |
| WRA | Warramunga Arr | 43.13 122 | P | P | 04 52 49.0 -1.5 |
| WRA | comp=Z,46nm,0.8s,mb5.2,baz=301,slo=9.1,SNR=109 | | | | |
| WRA | ScP | ScP | 04 58 29.0 0.0 | | |
| comp=Z,7.3nm,1.0s,baz=305,slo=3.8,SNR=6.4 | | | | | |
| WRAB | Tennant Creek | 43.13 122 | P | P | 04 52 50.9 +0.3 |
| WRAB | comp=Z,505nm,0.8s,mb5.3,SNR=20 | | | | |
| WRAB | Tennant Creek | 43.13 122 | eP | pmx | 04 52 49.6 -1.0 |
| WRAB | comp=Z,68nm,0.9s,mb5.4 | | | | |
| WRAB | MLR | MLR | | | |
| comp=Z,4um,19.0s,MSS.3 | | | | | |
| WRAB | Tennant Creek | 43.13 122 | eP | P | 04 52 49.5 -1.0 |
| WRAB | comp=Z,41nm,0.9s,mb5.2 | | | | |
| WRAB | eScP | ScP | 04 58 27.0 -2.0 | | |
| comp=Z,9um,19.0s,MSS.7 | | | | | |
| WRAB | Tennant Creek | 43.13 122 | P | P | 04 52 50.0 -0.6 |
| WRAB | comp=Z,109nm,1.1s,mb5.5 | | | | |
| BSY | Bisya | 43.27 301 | P | P | 04 52 55.8 +4.2 |
| BSY | SNR=7.9 | | | | |
| ULHL | Ulthol | 43.82 338 | P | P | 04 52 56.7 +1.0 |
| ULHL | SNR=26 | | | | |
| KZA | Kyzart | 44.05 337 | P | P | 04 52 59.1 +1.5 |
| KZA | SNR=23 | | | | |
| FORT | Forrest | 44.47 140 | eP | P | 04 53 01.4 +0.3 |
| FORT | comp=Z,77nm,0.6s,mb5.6 | | | | |
| FORT | Forrest | 44.47 140 | eP | P | 04 53 01.6 +0.5 |
| FORT | comp=Z,352nm,1.6s,mb5.4 | | | | |
| FORT | Alice Springs | 44.53 127 | eP | P | 04 53 09.8 -1.3 |
| ASAR | comp=Z,9.0nm,0.7s,mb4.7,baz=304,slo=7.7,SNR=42 | | | | |
| ASAR | PcP | PcP | 04 54 44.5 -0.1 | | |
| comp=Z,9.1nm,0.9s,baz=303,slo=4.0,SNR=5.3 | | | | | |
| ASAR | ScP | ScP | 04 58 34.7 +0.1 | | |
| comp=Z,7.4nm,1.0s,baz=305,slo=3.5,SNR=12 | | | | | |
| ASAR | Alice Springs | 44.53 127 | P | P | 04 53 09.9 -0.8 |
| ASAR | SNR=61 | | | | |
| TKM2 | Tokmak 2 | 44.65 338 | P | P | 04 53 03.5 +1.1 |
| TKM2 | SNR=61 | | | | |
| TKM2 | Tokmak 2 | 44.65 338 | eP | pmx | 04 53 03.2 +0.8 |
| TKM2 | comp=Z,74nm,1.0s,mb5.5 | | | | |
| TKM2 | MLR | MLR | | | |
| comp=Z,8um,22.0s,MSS.6 | | | | | |
| TKM2 | Tokmak 2 | 44.65 338 | eP | P | 04 53 03.2 +0.8 |
| TKM2 | comp=Z,74nm,1.0s,mb5.5 | | | | |
| KBK | Karagaybulak | 44.66 337 | P | P | 04 53 03.9 +1.4 |
| KBK | SNR=51 | | | | |
| INCN | Inchon | 44.69 35 | eP | P | 04 53 02.6 -0.3 |
| INCN | comp=Z,101nm,1.1s,mb5.6 | | | | |
| INCN | LR | LR | | | |
| comp=Z,10um,19.0s,MSS.8 | | | | | |
| INCN | Inchon | 44.69 35 | P | P | 04 53 02.0 -0.8 |
| INCN | SNR=14 | | | | |
| AML | Almayashu | 44.72 336 | P | P | 04 53 04.6 +1.6 |
| AML | SNR=138 | | | | |
| AML | Almayashu | 44.72 336 | eP | P | 04 53 04.2 +1.2 |
| AML | comp=Z,115nm,1.0s,mb5.7 | | | | |
| AML | LR | LR | | | |
| comp=Z,4um,22.0s,MSS.3 | | | | | |
| AAK | Ala-Archa | 44.82 337 | P | P | 04 53 05.1 +1.3 |
| AAK | comp=Z,290nm,1.0s,mb6.1,SNR=19 | | | | |
| AAK | Ala-Archa | 44.82 337 | P | P | 04 53 05.2 +1.5 |
| AAK | SNR=22 | | | | |
| AAK | Ala-Archa | 44.82 337 | LR | LR | 05 13 13.1 |
| AAK | comp=Z,8um,21.6s,MSS.6,baz=144,slo=38 | | | | |
| FRU | Bishkek | 44.94 337 | eP | P | 04 53 05.0 +0.3 |
| FRU | SNR=1 | | | | |
| FRU | pP | pP | 04 53 14.0 -0.7 | | |
| comp=Z,700nm,3.0s | | | | | |
| CHMS | Chumysh | 45.03 337 | P | P | 04 53 06.1 +0.6 |
| CHMS | SNR=13 | | | | |
| EKS2 | Erkin-Say | 45.13 336 | P | P | 04 53 07.3 +1.1 |
| EKS2 | SNR=46 | | | | |
| EKS2 | Erkin-Say | 45.13 336 | eP | P | 04 53 07.2 +1.0 |
| EKS2 | comp=Z,44nm,0.8s,mb5.3 | | | | |
| EKS2 | Erkin-Say | 45.13 336 | LR | LR | |
| EKS2 | comp=Z,4um,21.0s,MSS.3 | | | | |
| USP | Ospenovka | 45.36 337 | P | P | 04 53 08.3 +0.3 |
| USP | SNR=136 | | | | |
| KSRS | Korea Array | 45.41 36 | P | P | 04 53 08.3 -0.2 |
| KSRS | comp=Z,89nm,0.9s,mb5.6,baz=227,slo=8.9,SNR=266 | | | | |
| KSRS | LR | LR | | | |
| comp=Z,6um,18.1s,MSS.6,baz=229,slo=40 | | | | | |
| MK31 | Makanchi Array | 46.12 346 | eP | P | 04 53 13.8 -0.1 |
| MK31 | SNR=51 | | | | |
| MKAR | Makanchi Array | 46.12 346 | P | P | 04 53 13.5 -0.4 |
| MKAR | comp=Z,133nm,0.7s,mb6.0,baz=160,slo=6.6,SNR=233 | | | | |
| MKAR | S | S | 04 59 58.7 +1.2 | | |
| comp=Z,0.9nm,1.0s,baz=164,slo=32,SNR=1.9 | | | | | |

| | | | | | |
|--|--|------------------|-----------------|------------|------------------------|
| MKAR | LR | LR | 05 16 50.7 | | |
| comp=Z,2um,21.5s,MSS.0,baz=160,slo=42 | | | | | |
| MKAR | Makanchi Array | 46.12 346 | P | P | 04 53 13.5 -0.4 |
| MKAR | P | P | 04 59 58.7 +1.2 | | |
| MKAR | Riviere de l'E | 46.17 238 | LR | S | 04 53 20.0 +5.2 |
| MKAR | PFAKE | PFAKE | | | |
| SONM | Songino Array | 46.25 9 | P | P | 04 53 15.0 0.0 |
| SONM | comp=Z,2um,22.0s,MSS.1 | | | | |
| comp=Z,54nm,0.8s,mb5.5,baz=194,slo=8.0,SNR=147 | | | | | |
| SONM | Songino Array | 46.25 9 | P | P | 04 54 51.9 +1.8 |
| SONM | comp=Z,14nm,0.9s,baz=199,slo=2.2,SNR=3.8 | | | | |
| SONM | Songino Array | 46.25 9 | LR | LR | 05 14 58.5 |
| SONM | comp=Z,8um,19.7s,MSS.7,baz=189,slo=39 | | | | |
| SONM | Songino Array | 46.25 9 | P | P | 04 53 15.0 0.0 |
| SONM | SNR=1 | | | | |
| SNY | Shenyang | 46.33 28 | ↑P | P | 04 54 51.9 |
| SNY | S | S | 04 53 14.3 -1.4 | | |
| SNY | pmx | pmx | 05 00 04.4 +3.7 | | |
| comp=Z,110nm,2.3s,mb5.4 | | | | | |
| SNY | Shenyang | 46.33 28 | pmx | pmx | |
| SNY | comp=Z,740nm,12.0s | | | | |
| SNY | Shenyang | 46.33 28 | LR | LR | |
| SNY | comp=N,5um,20.4s,MSS.6 | | | | |
| SNY | Shenyang | 46.33 28 | LR | LR | |
| SNY | comp=E,4um,16.8s,MSS.6 | | | | |
| ULN | Ulanbataar | 46.39 10 | eP | P | 04 53 16.1 +0.1 |
| ULN | comp=Z,9um,13.2s,MSS.9 | | | | |
| ULN | Ulanbataar | 46.39 10 | eP | P | 04 53 16.4 +0.4 |
| ULN | comp=Z,5um,20.0s,MSS.5 | | | | |
| ULN | Ulanbataar | 46.39 10 | P | P | 04 53 16.6 +0.5 |
| ULN | comp=Z,1um,comp=Z,75nm,1.3s,mb5.5 | | | | |
| ULN | Ulanbataar | 46.39 10 | P | P | 04 53 16.6 +0.5 |
| ULN | SNR=41 | | | | |
| KK31 | Karaty Array | 46.87 334 | eP | P | 04 53 20.0 +0.1 |
| IMOG | comp=Z,1um,19.2s,MS4.9 | | | | |
| IMOG | Moghadam | 48.16 319 | eP | P | 04 53 29.7 -0.4 |
| ISRO | comp=Z,3um,19.0s,MSS.4 | | | | |
| ISRO | Mashad | 48.20 319 | eP | P | 04 53 30.0 -0.4 |
| IBAF | comp=Z,1um,19.2s,MS4.9 | | | | |
| IBAF | Bafgh | 48.41 312 | eP | P | 04 53 29.3 -2.8 |
| CN2 | comp=Z,2um,22.0s,MSS.1 | | | | |
| CN2 | Changchun | 48.72 28 | eP | P | 04 53 33.5 -0.8 |
| CN2 | eP | eP | 04 53 46.4 +1.6 | | |
| CN2 | PcP | PcP | 04 54 57.6 -1.5 | | |
| CN2 | S | S | 05 00 32.3 -2.4 | | |
| CN2 | SS | SS | 05 03 58.5 -7.0 | | |
| comp=Z,80nm,0.8s,mb5.8 | | | | | |
| CN2 | Changchun | 48.72 28 | pmx | pmx | |
| CN2 | pmx | pmx | | | |
| comp=Z,200nm,6.0s | | | | | |
| CN2 | Changchun | 48.72 28 | LR | LR | |
| CN2 | comp=N,6um,14.0s,MS6.0 | | | | |

Table with columns for station call letters, frequency, time, and signal strength. Includes stations like KMBO, KMBQ, KMBP, etc.

Table with columns for station call letters, frequency, time, and signal strength. Includes stations like YAK, YAK, YAK, etc.

Table with columns for station call letters, frequency, time, and signal strength. Includes stations like PET, PET, DZM, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like IIGN, IZAR, DRGR, KRUSO, VASULA, LOVOZERO, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KEV, MORC, MORAVSKY BEROU, BRATISLAVA, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like TRO, TROMSO, PATOCO-CHIUSA, KASPERSKA HORY, etc.

Table with columns: MOD, Modoc, 124.86, 33, ePKPdf, PKPdf, 05 03 50.2 +0.4, etc. Lists various stations and their frequencies.

Table with columns: SDCO, AAM Ann Arbor, 135.70, 0, PFAKE, LR, 05 04 20.0 +10, etc. Lists various stations and their frequencies.

Table with columns: MTDJ, LPAZ La Paz, 159.41 226, PKP, PKPdf, 05 04 50.4 +1.3, etc. Lists various stations and their frequencies.

Table with columns: Code, Station Name, Sumatra, Delta, Azimuth, Phase ID, Time, Res. Lists station codes and names.

ISCJB 14 05:19:05.8:0.5, 36.95N:0.03:23.71E:0.06, h85km, 9km, Error ellipse: s-maj=8.2km s-min=4.5km az=154.6

CSEM 14 05:19:06.5:0.1, 36.94N:23.71E, h80km, ML4.7/5, Error ellipse: s-maj=5.5km s-min=2.9km az=61.0

ISC 14 05:19:06.6:0.6, 36.95N:0.03:23.72E:0.06, h80km, 10km, n76, c078/97, Southern Greece

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Lists station codes and names.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like NJ2, comp=Z,10.0nm,0.5s,mb4.9, and WRA Warrungarra Arr.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, and ZEI.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like ZEI, ARU Arti, and WRA Warrungarra Arr.

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

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ARCES, MAW, WRA, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MLSB, TURUN, ZALV, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like TWK1 Hengchun, HEN Hengchun, LAY Lan-yu, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like NJ2, WHN, DAV, KRSR, BJT, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like TIXI, FORT, STKA, SVE, etc.

NIED 14:11:18.00, 40.00N, 139.50E, h8km, Mw3.4 Best double couple: M1, 40000x1014 N1, 222.00000, 371.00000, 128.00000, N2, 334.00000, 842.00000, 129.00000. JMA 14:11:18.24, 6.0, 1.40, 0.04N, 139.84E, h16km, 1km, M3.7, 2.2, 0000. Near west coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like JOG2, JIW, JYW, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like FITZ, WRA, WRA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like KRSR, WRA, FITZ, etc.

mb3.8/9, Error ellipse: s-maj=13.0km s-min=6.8km az=149.0

IDC 14 13:43:11.2.3.0, 1.59N, 126.99E, h115km, 24km, mb3.5/6, mb1 3.6/7, mb1mx3.4/19, mbtimp3.5/7, Error ellipse: s-maj=93.4km s-min=12.2km az=70.0

NEIC 14 13:43:11.3.7.2, 1.60N, 127.06E, h118km, 73km, mb3.9/3, Error ellipse: s-maj=36.4km s-min=16.2km az=72.0

DJA 14 13:43:11, 1.71N, 126.97E, h93km, MLv3.5/5, Error ellipse: s-maj=36.4km s-min=16.2km az=72.0

ISC 14 13:43:10.9.7.1, 1.67N, 127.01E, h113km, 26km, n20, c0.91/26, mb3.8/9, Halmahera

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like TMTI Ternate, MNI Manado, LBI Labuha, etc.

LDG 14 13:46:18.8.0.1, 43.97N, 9.03E, h6km, Md2.5/2, Ml2.9/15, Error ellipse: s-maj=2.6km s-min=1.7km az=91.0

CSEM 14 13:46:18.4.0.1, 44.02N, 8.96E, h15km, ML2.9/16, Error ellipse: s-maj=3.9km s-min=2.2km az=171.0

STR 14 13:46:19.7.0.7, 43.70N, 8.87E, h5km, Ml2.7, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

ISCJB 14 13:46:19.7.0.5, 44.09N, 0.03E, h30km, 4km, Error ellipse: s-maj=3.3km s-min=3.3km az=174.0

ROM 14 13:46:19.5.0.2, 44.08N, 8.98E, h10km, Md2.4/13, Ml2.5/9, Error ellipse: s-maj=3.3km s-min=1.5km az=180.0

NEIC 14 13:46:19.5.44.08N, 8.98E, h10km, ML2.9(LDG), ML2.6(STR), ML2.5(ROM), After ROM.

ISC 14 13:46:18.9.0.4, 44.03N, 0.03E, 8.99E, h19km, 2km, n85, c0.81/138, Northern Italy

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like SC2M Scurtabo, QLNO Quiliano, etc.

5.6nm, 0.3s CALN Calern 1.54 260 Pg Pn 13 46 46.3 +1.0

CALN Calern 1.54 260 Pg Pn 13 46 46.3 +1.0

RSP Reno Superiore 1.66 313 Pg Pn 13 46 50.1 +3.1

RSP Reno Superiore 1.66 313 Pg Pn 13 46 50.1 +3.1

MBDF Montbardon 1.73 294 ePn Pn 13 46 51.7 -0.6

MBDF Montbardon 1.73 294 ePn Pn 13 46 51.7 -0.6

FRF La Foret Royal 1.76 255 ePn Pn 13 46 48.7 +0.4

MDI Monti di Nese 1.82 16 Pg Pg 13 46 50.9 -3.0

LMR La Mourre 1.93 250 ePn Pn 13 46 50.6 0.0

LMR La Mourre 1.93 250 ePn Pn 13 46 50.6 0.0

LPG La Plagne 2.17 313 ePn Pn 13 46 54.3 +0.4

LPG La Plagne 2.17 313 ePn Pn 13 46 54.3 +0.4

ORIF Oris-en-Rattie 2.40 293 ePn Pn 13 46 57.5 +0.4

ORIF Oris-en-Rattie 2.40 293 ePn Pn 13 46 57.5 +0.4

SMRF Simiane la Rot 2.46 270 ePn Pn 13 46 58.1 +0.1

SMRF Simiane la Rot 2.46 270 ePn Pn 13 46 58.1 +0.1

VIVF Saint-Julien-I 3.20 286 ePn Pn 13 47 07.7 -0.4

CABF La Chapelle 3.29 323 ePn Pn 13 47 09.9 +0.5

CABF La Chapelle 3.29 323 ePn Pn 13 47 09.9 +0.5

HINF Hinterfeld 4.07 339 ePn Pn 13 47 20.5 +0.5

HINF Hinterfeld 4.07 339 ePn Pn 13 47 20.5 +0.5

NVLJ Novalja 4.26 81 ePn Pn 13 47 24.7 +2.0

NVLJ Novalja 4.26 81 ePn Pn 13 47 24.7 +2.0

CDF Champ du Feu 4.54 345 ePn Pn 13 47 17.8 -0.9

CDF Champ du Feu 4.54 345 ePn Pn 13 47 17.8 -0.9

LOR Lormes 4.84 314 ePn Pn 13 47 30.9 +0.3

LOR Lormes 4.84 314 ePn Pn 13 47 30.9 +0.3

SSF Saint Saulge 4.90 310 ePn Pn 13 47 31.8 +0.3

SSF Saint Saulge 4.90 310 ePn Pn 13 47 31.8 +0.3

SSF Saint Saulge 4.90 310 ePn Pn 13 47 31.8 +0.3

DJA 14 13:56:55, 2.39N, 98.94E, h125km, MLv3.5/6, Northern Sumatra

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like TSI Tuntungan, MNSI Mandailing Nat, etc.

SCZT baz=349 S Sn 13 58 50.6 -0.8

TWP Hsialochuhi 1.37 331 ePn Pn 13 58 35.3 -0.5

TTN Taitung 1.60 2 ePn Pn 13 58 38.7 -0.4

SSD Sandimen 1.65 345 P Pn 13 58 38.7 -1.0

TSG Pingang 1.67 360 ePn Pn 13 58 36.2 -3.8

TWG Pinang 1.67 360 ePn Pn 13 58 39.1 -0.9

TWM1 Shoushan 1.78 340 ePn Pn 13 58 41.2 -0.3

TWM1 Shoushan 1.78 340 ePn Pn 13 58 41.2 -0.3

SGST Jiashan 1.98 347 P Pn 13 58 43.7 -0.6

STYT Tausan 2.03 351 P Pn 13 58 44.4 -0.6

CHN3 Shinhua 2.03 341 ePn Pn 13 59 08.4 -1.2

ELDTW Lidau 2.04 358 ePn Pn 13 58 44.5 -0.5

CHN1 Nanshi 2.10 346 P Pn 13 58 44.9 -1.0

WTP Ta-pu 2.14 348 P Pn 13 58 45.6 -0.8

SCLT Jiali 2.18 338 ePn Pn 13 59 12.5 -0.8

YULB Yuli 2.25 5 ePn Pn 13 58 45.8 -0.8

TPUB Ta-pu 2.19 349 ePn Pn 13 58 45.8 -1.3

CHN4 Tsoushan 2.24 348 ePn Pn 13 58 46.9 -1.1

YUS Yu-Shan 2.34 357 ePn Pn 13 58 49.4 +0.2

YUS Yu-Shan 2.34 357 ePn Pn 13 58 49.4 +0.2

EHY Hungye 2.36 5 ePn Pn 13 58 48.3 -1.2

ALS Alshah 2.37 354 iP Pn 13 58 49.5 -0.1

CHN5 Tsauling 2.47 351 ePn Pn 13 58 50.3 -0.7

CHN5 Tsauling 2.47 351 ePn Pn 13 58 50.3 -0.7

WGK Gukung 2.58 349 ePn Pn 13 58 51.9 -0.6

SSLB Suanglung 2.63 357 ePn Pn 13 58 52.1 -1.1

SMLT Sun Moon Lake 2.73 356 ePn Pn 13 58 54.7 +0.1

WNT Mingjing 2.75 352 ePn Pn 13 58 57.7 +2.9

TYC Yuchir 2.75 356 ePn Pn 13 58 54.9 0.0

TYC Yuchir 2.75 356 ePn Pn 13 58 54.9 0.0

PNG Penghu 2.80 330 ePn Pn 13 58 52.9 -2.6

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like TCU Taichung, NACB Ninganchiao, etc.

NIED 14 13:58:00, 21.30N, 121.40E, h11km, Mw4.1 Best double couple: M1.37000x1015 NP1.91.00000, lambda=169.00000, NP2.91.00000, delta=79.00000, lambda=1.00000

IDC 14 13:58:08.0.6.21.04N, 120.98E, h0km, mb4.2/18, mb1 4.3/19, mb1mx4.3/25, mbtimp4.2/19, ML4.1/1, MS3.6/10, Ms1 3.6/10, ms1mx3.3/44, Error ellipse: s-maj=21.5km s-min=12.9km az=65.0

NEIC 14 13:58:09.7.0.4.21.13N, 121.12E, h10km, mb4.6/16, Error ellipse: s-maj=10.3km s-min=7.4km az=89.0

ISCJB 14 13:58:11.0.8.21.09N, 121.09E, 0.04, h31km, 5km, mb4.3/40, MS3.7/19, Error ellipse: s-maj=6.5km s-min=3.8km az=170.9

TAP 14 13:58:10.9.21.13N, 120.88E, h78km, ML4.4, D MOS 14 13:58:11.3.1.0.21.09N, 121.06E, h33km, mb4.8/12, Error ellipse: s-maj=14.0km s-min=8.0km az=111.2

BUI 14 13:58:11.0.8.21.23N, 120.98E, h20km, mb4.5/25, mb4.4/34, ML3.9/2, Ms3.9/29, Ms7.3/8/28

ISC 14 13:58:12.4.0.7.21.15N, 120.02E, h26km, 4km, h16km, 6km, pP-P, n141, c1.08/166, mb4.3/40, MS3.7/19, 2C-2D, Taiwan region

TSEB Hengchun, Pin 0.77 347 iP Pn 13 58 27.7 +0.5

TSEB Hengchun, Pin 0.77 347 iP Pn 13 58 27.7 +0.5

TWK1 Hengchun 0.84 342 P Pb 13 58 27.1 -1.2

TSEB Hengchun 0.84 342 P Pb 13 58 27.1 -1.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Cervenica-Dubn, Kalvaria Pacla, Kecovo, Pruhonice, etc.

NIED 14 14:35:00.46:20N,152.40E,h32km,Mw3.5 Best double couple: M2,12000,1014 NP1:q3,103,00000,369,00000,7,1-12,000000, NP2:q3,343,00000,337,00000,4-37,00000

JMA 14 14:35:11.8:0.5,46:17N,152:43E,h30km,M4.0,Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Nemuro 2, Rausu, JNK, etc.

ISCJB 14 14:39:15.9:1.0,21:72N,106:143:1E,0:2,h30km,10km,mb3.5/14,Error ellipse: s-maj=25.9km s-min=9.0km az=171.8

IDC 14 14:39:15.7:1.8,21:69N,143:15E,h287km,16km,mb3.2/13,mb1.3/4,16,mb1mx3.4/26,mbmp3.3/16,Error ellipse: s-maj=21.0km s-min=11.7km az=87.0

NEIC 14 14:39:18.1:1.0,21:69N,143:04E,h311km,11km,mb4.0/3,Error ellipse: s-maj=14.9km s-min=7.0km az=80.0

ISC 14 14:39:16.7:4.9,21:77N,0:06:143:1E,0:2,h296km,9km,n27,0:970/28,mb3.5/14,Mariana Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Chichi jima, Guam, Hachijo jima, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Borovoye Array, ARKAB, YKA, etc.

BUJ 14 14:39:22.8:57:80N,156:40W,h128km,mb4.7/4,mb4.7/7,ISCJB 14 14:39:24.8:0.4,58:09N,0:03:156:73W,0:05,h128km,3km,mb4.0/25,Error ellipse: s-maj=5.4km s-min=4.4km az=171.8

IDC 14 14:39:26.4:1.0,58:17N,156:64W,h133km,8km,mb3.6/15,mb1.3/8,19,mb1mx3.7/30,mbmp3.6/19,Error ellipse: s-maj=21.8km s-min=10.5km az=24.0

NEIC 14 14:39:27.9:57:84N,156:37W,h129km,mb4.1/10,After AEIC

ISC 14 14:39:26.0:0.3,58:06N,0:03:156:74W,0:05,h121km,3km,h133km,2.6km,pp-P,n219,0:90/222,mb4.0/25,69C-76D,Alaska Peninsula

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

DLBC Dease Lake 14.04 77 eP Pn 14 42 38.6 -0.6

DLBC Dease Lake 14.04 77 eP Pn 14 42 38.6 -0.6

DLBC Dease Lake 14.04 77 eP Pn 14 42 38.6 -0.6

DLBC Dease Lake 14.04 77 eP Pn 14 42 38.6 -0.6

DLBC Dease Lake 14.04 77 eP Pn 14 42 38.6 -0.6

DLBC Dease Lake 14.04 77 eP Pn 14 42 38.6 -0.6

DLBC Dease Lake 14.04 77 eP Pn 14 42 38.6 -0.6

DLBC Dease Lake 14.04 77 eP Pn 14 42 38.6 -0.6

DLBC Dease Lake 14.04 77 eP Pn 14 42 38.6 -0.6

DLBC Dease Lake 14.04 77 eP Pn 14 42 38.6 -0.6

DLBC Dease Lake 14.04 77 eP Pn 14 42 38.6 -0.6

DLBC Dease Lake 14.04 77 eP Pn 14 42 38.6 -0.6

DLBC Dease Lake 14.04 77 eP Pn 14 42 38.6 -0.6

DLBC Dease Lake 14.04 77 eP Pn 14 42 38.6 -0.6

DLBC Dease Lake 14.04 77 eP Pn 14 42 38.6 -0.6

DLBC Dease Lake 14.04 77 eP Pn 14 42 38.6 -0.6

DLBC Dease Lake 14.04 77 eP Pn 14 42 38.6 -0.6

DLBC Dease Lake 14.04 77 eP Pn 14 42 38.6 -0.6

DLBC Dease Lake 14.04 77 eP Pn 14 42 38.6 -0.6

DLBC Dease Lake 14.04 77 eP Pn 14 42 38.6 -0.6

DLBC Dease Lake 14.04 77 eP Pn 14 42 38.6 -0.6

DLBC Dease Lake 14.04 77 eP Pn 14 42 38.6 -0.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Lima, L11A, M10A, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations like U25A, 118A, 244A, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like KBL, KSH, YUK, etc.

Main table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like AML, KZA, EKS2, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like HABR, KSR5, KSR5, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CLL, Collm, BRX, Moxa, TANN, etc.

NEIC 14 15:49:33.4±1.1, 10.27N:91.01E, h10km, Error ellipse: s-maj=27.4km s-min=15.1km az=68.0

IDC 14 15:49:32.0±0.2, 10.31N:91.06E, h0km, mb3.5/5, mb1 3.6/6, mb1mx3.4/23, mbtmp3.5/6, ML3.5/1, MS2.8/1, Ms1 2.8/1, ms1mx2.2/23, Error ellipse: s-maj=66.7km s-min=21.8km az=66.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PSI, CMAR, MK31, MKAR, SONM, ZALV, WRA, ASAR.

BJI 14 15:55:53.9, 63°50'N:123°80'W, h10km, mb4.9/11, mb4 7/15, Mb4 3/5, Ms1 4, 1/6

ISCJB 14 15:55:53.9±0.2, 63.55N:123.83W, 0.05, h10km, mb4 3/33, MS3 3/11, Error ellipse: s-maj=3.1km s-min=2.6km az=153.2

PGC 14 15:55:57.0±0.0, 63.52N:123°78'W, h10km, ML5.0/4, MW4.2, 234km northwest of Fort Simpson, NT Northwest Territories, Canada

NEIC 14 15:55:57.9, 63°52'N:123°78'W, h10km, mb4.3/46, MW4.2(PGC), After PGC

IDC 14 15:56:00.4±1.5, 63.55N:123.64W, h29km, mb3.9/22, mb1 4, 1/27, mb1mx4.0/36, mbtmp4.0/27, ML4.2/3, MS3.1/12, Ms1 3.1/12, ms1mx0.3/4, Error ellipse: s-maj=8.7km s-min=6.2km az=155.0

ISC 14 15:55:57.3±0.2, 63.55N:123.71W, 0.04, h10km, (h14km, 1.0km; p-P), n292, ±1511/305, mb4.3/53, MS3.3/10, 74C-86D, Northwest Territories

Main table for 14d 15h section with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ROMN, YKA, YNB, DLBC, etc.

Main table for 2008 JUL section with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like B08A, WALA, A14A, NEW, etc.

Main table for 608 section with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MFID, HLID, K05A, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and other parameters. Includes stations like W27A, Y22A, Y23A, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and other parameters. Includes stations like WMQ, NJ2, AML, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and other parameters. Includes stations like AYVA, AYVALI, YALOVA, etc.

ISK 14 16:02:12.3, 40.74N, 27.36E, h8km, ML3.7
CSEM 14 16:02:12.9, 40.74N, 27.33E, h10km, ML3.7, Error
ellipse: s-maj=2.1km s-min=1.9km az=178.0
NEIC 14 16:02:12.0, 40.73N, 27.37E, h10km, MD3.6(A,TH),
ML3.7(ISK), After ISK.
ISCJB 14 16:02:12.5, 40.76N, 27.32E, h13km, 2km,
Error ellipse: s-maj=2.8km s-min=2.5km az=170.1
ATH 14 16:02:12.1, 40.75N, 27.35E, h29km, 8km, MD3.6/B
DDA 14 16:02:12.5, 40.73N, 27.39E, h17km, 1km, MD3.7
THE 14 16:02:15.1, 40.73N, 27.23E, h21km, 2km, ML4.1/4, Error
ellipse: s-maj=2.2km s-min=0.8km az=302.0

ISC 14 16:02:13.0, 40.74N, 27.32E, h12km, 2km,
+188, +083/226, 13C-16D, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and other parameters. Includes stations like KHL, KHL, KHL, etc.

NEIC 14 16:07:26.5, 37.37S, 179.46E, h33km, ML3.7(WEL), After
WEL
WEL 14 16:07:25.2, 37.37S, 179.43E, h12km, ML3.7/4, Error
ellipse: s-maj=2.4km s-min=2.1km az=90.0, Off east
coast of North Island

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and other parameters. Includes stations like MZX, MZX, MZX, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Urewera, Mahia Peninsula, Kokohe, etc.

IDC 14 16:12.24.2.1, 2.71N, 126.05E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.2/1.9, mbtmp3.3/3, Error ellipse: s-maj=190.9km s-min=25.7km az=65.0, Northern Molucca Sea

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

SSNC 14 16:18:31.7, 23.30N, 170.58W, h25km, MD4.4, ML4.5, ISCJJB 14 16:18:34.3, 1.4, 19.69N, 107.69, 85W, 0.03, h10km, 10km, mb3.6/4, MS3.0/2, Error ellipse: s-maj=12.7km s-min=4.2km az=14.6

IDC 14 16:18:34.9, 1.1, 19.72N, 69.77W, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.6/2.1, mbtmp3.6/4, MS3.0/3, M1 3.0/3, ms1mx2.8/1.9, Error ellipse: s-maj=35.0km s-min=31.6km az=20.0

NEIC 14 16:18:35.2, 3.7, 19.58N, 69.87W, h6km, 27km, MD4.2(RSPR), Error ellipse: s-maj=17.5km s-min=6.5km az=198.0

NEIC Felt at Nagua, RSPR 14 16:18:38.2, 19.63N, 69.86W, h5km, 31km, MD4.2/18, MD4.2/18

ISC 14 16:18:38.4, 1.7, 19.59N, 107.69, 90W, 0.03, h5km, 11km, n30, r1912/41, mb3.6/4, MS3.0/2, 13C-5D, Dominican Republic region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Presa de Saban, Punta Cana, Grand Turk, Isla Mona, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Monte Pirata, Saint Thomas, Guantanamo Bay, Rio Carpintero, etc.

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

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

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

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

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

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

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

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

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

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

Table with columns: LANU, Lannavaara, LANU, Lannavaara, LANU, Kalix, etc.

Table with columns: LANU, Lannavaara, LANU, Kalix, etc.

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ISCJJB 14 17:02:14.2, 0.4, 67.04N, 152.02E, 0.08, h0km, Error ellipse: s-maj=4.4km s-min=3.5km az=16.4

IDC 14 17:02:14.9, 0.8, 67.15N, 120.63E, h0km, mb1 3.0/4, mb1mx2.9/2.6, mbtmp2.9/4, ML2.6/4, Error ellipse: s-maj=15.5km s-min=6.3km az=117.0

CSEM 14 17:02:15.0, 0.2, 67.06N, 121.00E, h2km, ML1.9, Error ellipse: s-maj=4.6km s-min=3.3km az=109.0, Mining explosion.

HEL 14 17:02:15.0, 0.1, 67.06N, 120.99E, h0km, ML2.1, ML1.9(UPP), ML1.7(BEP), Explosion

UPP 14 17:02:15.0, 0.7, 67.06N, 121.01E, h0km, ML1.9, Mining explosion.

NAO 14 17:02:16.3, 1.0, 67.04N, 121.38E, ML2.1, BER 14 17:02:17.6, 3.9, 67.10N, 120.88E, h0km, ML1.7, ML2.1(NAO), Suspected explosion

ISCJJB 14 17:17:15.1, 0.5, 21.0S, 0.1, 68.6E, 0.1, h10km, mb3.9/19, MS4.0/15, Error ellipse: s-maj=15.8km s-min=14.5km az=168.1

IDC 14 17:17:15.3, 0.7, 21.00S, 68.57E, h0km, mb3.9/16, mb1 4.0/16, mb1mx3.9/2.6, mbtmp3.9/16, MS3.9/14, Ms1 3.9/14, ms1mx3.7/2.6, Error ellipse: s-maj=20.4km s-min=18.3km az=169.0

NEIC 14 17:17:16.8, 0.5, 20.99S, 68.57E, h10km, mb4.1/2, Error ellipse: s-maj=14.1km s-min=12.3km az=144.0

ISC 14 17:17:17.0, 0.5, 21.0S, 0.1, 68.6E, 0.1, h10km, n30, r0879/24, mb3.9/19, MS4.0/15, Mid-Indian Ridge

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

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

IDC 14 17:22:38.6, 0.8, 32.58S, 71.86W, h0km, mb4.0/7, mb1 4.1/11, mb1mx4.0/18, mbtmp3.9/11, ML4.0/4, MS3.3/2, Ms1 3.2/2, ms1mx2.8/1.8, Error ellipse: s-maj=21.1km s-min=17.5km az=155.0

ISCJJB 14 17:22:39.4, 1.2, 32.55S, 0.03E, 72.13W, 0.05, h15km, 8km, mb4.0/7, Error ellipse: s-maj=7.2km s-min=4.0km az=164.3

GUC 14 17:22:41.6, 0.7, 32.56S, 72.01W, h15km, 4km, MD4.3, ML4.2

NEIC 14 17:22:41.6, 32.56S, 72.01W, h15km, mb4.5/1, ML4.2(GUC), After GUC

ISC 14 17:22:40.1, 0.8, 32.55S, 0.02E, 72.05W, 0.05, h10km, 4km, n53, r0878/22, mb4.0/7, 12C-5D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Instituto Hidir, Los Chungos, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like El Roble, Las Cruces, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like San Jose de Ma, etc.

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|------|------------------|-----------|------|---|------------|------|------------------|----------------|-----------|----|------------|------------|------|-------|----------------|-----------|----|------------|------------|------|
| 626A | Big Bend Ranch | 61.42 324 | ↑P | P | 17 59 21.4 | -0.5 | JFWS Jewell Farm | 67.19 343 | eP | P | 17 59 57.9 | -1.4 | P22A | Eagle | 70.63 329 | ↓P | P | 18 00 20.5 | -0.1 | |
| 428A | Kincaid Ranch, | 61.58 326 | ↑P | P | 17 59 22.1 | -0.8 | TUC Tucson | 67.24 322 | eP | P | 17 59 59.5 | -0.3 | X13A | Yucca | 70.65 321 | ↑P | P | 18 00 21.1 | +0.2 | |
| 527A | Woodward Ranch | 61.60 325 | ↓P | P | 17 59 22.1 | -1.0 | V23A | Ortiz Hill | 67.33 327 | ↓P | P | 18 00 00.4 | +0.1 | W14A | Seligm | 70.66 322 | ↓P | P | 18 00 21.6 | +0.7 |
| MCWV | Mont Chateau | 61.74 350 | eP | P | 17 59 23.7 | -0.1 | Z18A | Geronimo | 67.38 323 | ↑P | P | 18 00 00.8 | +0.1 | DVTC | Desert V Tower | 70.67 318 | ↑P | P | 18 00 21.8 | +0.7 |
| WCI | Wyandotte Cave | 61.75 344 | eP | P | 17 59 22.2 | -1.6 | U24A | Moreno Valley | 67.40 328 | ↑P | P | 18 00 00.8 | 0.0 | SWSC | Sam W. Stewart | 70.68 319 | ↓P | P | 18 00 21.6 | +0.5 |
| 526A | Mary Lane Ranch | 61.79 325 | ↓P | P | 17 59 23.8 | -0.6 | 117A | Oracle | 67.40 322 | ↓P | P | 18 00 01.0 | +0.1 | T17A | Navajo Res., N | 70.69 325 | ↑P | P | 18 00 22.1 | +0.9 |
| 427A | Hayer Ranch, | 62.05 326 | ↑P | P | 17 59 25.1 | -1.0 | 216A | Three Points, | 67.41 321 | ↑P | P | 18 00 01.2 | +0.3 | S18A | Hurst Farm, El | 70.78 326 | ↑P | P | 18 00 22.2 | +0.5 |
| SIUC | Southern Illin | 62.09 341 | eP | P | 17 59 25.0 | -1.2 | T25A | Trinidad | 67.56 329 | ↑P | P | 18 00 01.7 | 0.0 | R19A | Curley Farm, L | 70.86 327 | ↑P | P | 18 00 22.0 | -0.1 |
| 328A | Wristen Ranch, | 62.16 327 | ↓P | P | 17 59 26.0 | -0.8 | Y19A | Nutriso | 67.59 324 | ↑P | P | 18 00 02.7 | +0.7 | Q20A | Ridgley Place, | 70.88 328 | ↑P | P | 18 00 22.0 | -0.2 |
| 426A | McDonald Obser | 62.24 325 | ↑P | P | 17 59 26.7 | -0.7 | W21A | San Fidel | 67.60 326 | ↑P | P | 18 00 02.1 | +0.1 | B3C3 | Big Chuckawall | 70.96 320 | ↓P | P | 18 00 23.2 | +0.4 |
| SSPA | Standing Stone | 62.41 352 | eP | P | 17 59 27.5 | -0.7 | X20A | Quemado | 67.61 325 | ↓P | P | 18 00 02.6 | +0.4 | V14A | Boquillas Ranc | 70.97 322 | ↓P | P | 18 00 23.7 | +0.9 |
| BLO | Bloomington | 62.69 344 | eP | P | 17 59 28.7 | -1.5 | LIC | Lamto | 67.65 73 | eP | P | 18 00 02.8 | 0.0 | O22A | Boquillas Ranc | 70.97 330 | ↓P | P | 18 00 22.6 | -0.1 |
| FVM | French Village | 62.71 340 | eP | P | 17 59 29.0 | -1.3 | Z17A | San Carlos Hig | 67.78 322 | ↑P | P | 18 00 03.2 | 0.0 | MONP | Monument Peak | 71.03 318 | ↓P | P | 18 00 23.7 | +0.5 |
| 326A | Caldwell Ranch | 62.72 326 | ↑P | P | 17 59 29.6 | -1.0 | U23A | El Rito | 67.79 327 | ↓P | P | 18 00 03.2 | 0.0 | W13A | Hualapai Mount | 71.04 322 | ↓P | P | 18 00 24.0 | +0.7 |
| 425A | Indio Mountain | 62.84 325 | ↑P | P | 17 59 30.6 | -0.8 | V22A | San Miguel Ran | 67.83 327 | ↑P | P | 18 00 03.9 | +0.4 | BAR | Barrett | 71.04 318 | eP | P | 18 00 23.9 | +0.6 |
| ACSO | Alum Creek Sta | 62.88 347 | eP | P | 17 59 30.5 | -0.9 | TIC | Toumodi | 67.84 73 | eP | P | 18 00 04.2 | +0.2 | T16A | Glen Canyon Da | 71.06 324 | ↓P | P | 18 00 23.9 | +0.6 |
| 227A | Bennet, Jal | 62.91 327 | ↑P | P | 17 59 30.8 | -1.0 | Y18A | Canyon Day Jun | 67.89 323 | ↑P | P | 18 00 04.0 | +0.1 | U15A | North Rim | 71.08 324 | ↑P | P | 18 00 24.4 | +0.9 |
| WMOK | Wichita Moun | 63.00 332 | eP | P | 17 59 30.8 | -1.5 | X19A | St. Johns | 67.96 324 | ↑P | P | 18 00 04.5 | +0.1 | IRM | Iron Mountain | 71.12 320 | ↓P | P | 18 00 24.1 | +0.3 |
| CCM | Cathedral Cave | 63.03 340 | eP | P | 17 59 30.9 | -1.6 | KIC | Kosan Boka | 67.97 73 | eP | P | 18 00 05.1 | +0.3 | S17A | Black Ridge (B | 71.16 325 | ↑P | P | 18 00 24.4 | +0.4 |
| 325A | Bean Ranch, Si | 63.29 325 | ↑P | P | 17 59 33.4 | -0.9 | S25A | Robets Cordova | 67.99 330 | ↑P | P | 18 00 04.2 | -0.2 | R18A | Canyonlands (A | 71.25 326 | ↑P | P | 18 00 24.3 | -0.2 |
| 226A | Malaga, Lovin | 63.37 326 | ↑P | P | 17 59 34.3 | -0.6 | DBIC | Dinkoro | 67.99 73 | eP | P | 18 00 05.5 | +0.4 | P20A | De Beque | 71.34 328 | ↑P | P | 18 00 24.9 | -0.1 |
| 127A | Arkansas Junct | 63.47 327 | ↑P | P | 17 59 34.4 | -1.1 | W20A | Ramah | 68.06 325 | ↓P | P | 18 00 05.3 | +0.3 | Q19A | Hogan Spring (| 71.36 327 | ↑P | P | 18 00 25.2 | +0.1 |
| GD12 | Guadalupe Moun | 63.62 326 | eP | P | 17 59 36.4 | -0.1 | V21A | Milan | 68.12 326 | ↓P | P | 18 00 05.7 | +0.4 | N22C | Wattenberg Ran | 71.44 330 | ↑P | P | 18 00 25.6 | +0.1 |
| 324A | Moseley Ranch, | 63.62 325 | ↑P | P | 17 59 35.0 | -1.5 | U22A | Ulaves | 68.16 327 | ↓P | P | 18 00 05.9 | +0.4 | 109C | Camp Elliot, M | 71.45 318 | ↑P | P | 18 00 26.0 | +0.2 |
| MNTX | Cornudas Moun | 63.76 325 | -1.8 | P | 17 59 35.6 | -1.8 | 214A | Organ Pipe Nat | 68.18 320 | ↑P | P | 18 00 06.1 | +0.3 | O21A | Pagoda | 71.45 329 | ↑P | P | 18 00 24.8 | -0.9 |
| 225A | Deer Hill, Car | 63.78 326 | ↑P | P | 17 59 36.7 | -0.9 | T23A | Casias Ranch, | 68.27 328 | ↑P | P | 18 00 06.3 | +0.1 | BELC | Belle Mtn. Jos | 71.52 319 | ↓P | P | 18 00 26.7 | +0.5 |
| 126A | Clayton Basin, | 63.79 327 | ↑P | P | 17 59 36.5 | -1.1 | Y17A | Roosevelt | 68.28 322 | ↑P | P | 18 00 06.7 | +0.3 | PFO | Pinyon Flat Ob | 71.54 319 | ↓P | P | 18 00 26.7 | +0.4 |
| 227A | Tatum | 63.91 328 | ↑P | P | 17 59 37.0 | -1.3 | S24A | Houchin Ranch, | 68.34 329 | ↑P | P | 18 00 06.9 | +0.3 | PFO | Pinyon Flat Ob | 71.54 319 | eP | P | 18 00 27.1 | +0.8 |
| 125A | Gardner Draw, | 64.13 326 | ↑P | P | 17 59 38.5 | -1.3 | Z16A | Peralta Trail, | 68.36 322 | ↑P | P | 18 00 07.1 | +0.3 | U14A | Mt Trumbull | 71.57 323 | ↓P | P | 18 00 27.4 | +0.9 |
| 224A | Cornudas Moun | 64.13 325 | ↓P | P | 17 59 38.6 | -1.3 | X18A | Sniffake | 68.40 324 | ↓P | P | 18 00 07.3 | +0.3 | V13A | Grand Canyon W | 71.62 322 | ↑P | P | 18 00 27.3 | +0.5 |
| ERPA | 55m, 0.9s, mb5.3 | 64.17 350 | eP | P | 17 59 39.5 | -0.3 | V20A | Brimhall | 68.55 326 | ↑P | P | 18 00 08.0 | 0.0 | S16A | Weppner Ranch, | 71.65 325 | ↑P | P | 18 00 27.1 | +0.2 |
| MSTX | Muleshoe | 64.22 328 | ↑P | P | 17 59 39.1 | -1.3 | SDCO | Great Sand Dun | 68.56 329 | eP | P | 18 00 08.2 | +0.2 | R17A | Hanksville Air | 71.70 326 | ↑P | P | 18 00 27.4 | +0.2 |
| Z26A | Caprock | 64.26 327 | ↓P | P | 17 59 39.5 | -1.2 | U21A | Nageezi | 68.61 327 | ↑P | P | 18 00 08.4 | 0.0 | P19A | Cripps Cowboy | 71.74 328 | ↑P | P | 18 00 27.8 | +0.4 |
| Y27A | Causey | 64.34 328 | ↑P | P | 17 59 39.7 | -1.5 | T22A | Edith | 68.68 327 | ↑P | P | 18 00 09.1 | +0.3 | W12A | Cal Nev Ari | 71.75 321 | ↓P | P | 18 00 27.9 | +0.3 |
| 124A | Stringfield Ra | 64.58 326 | ↓P | P | 17 59 41.8 | -0.9 | W18A | Petrified Fore | 68.72 324 | ↓P | P | 18 00 09.2 | +0.1 | O20A | White River Ci | 71.76 329 | ↓P | P | 18 00 27.6 | 0.0 |
| Z25A | Roswell | 64.65 326 | ↑P | P | 17 59 41.8 | -1.4 | X17A | Forest Lakes | 68.73 323 | ↓P | P | 18 00 09.9 | +0.8 | GMRC | Granite Moun | 71.86 320 | ↑P | P | 18 00 28.9 | +0.7 |
| Y26A | Elida | 64.70 328 | ↑P | P | 17 59 42.4 | -1.2 | R24A | Sanders Place, | 68.78 329 | ↓P | P | 18 00 09.4 | +0.2 | N21A | Black Mountain | 71.90 330 | ↑P | P | 18 00 28.8 | +0.4 |
| X27A | F and S Farms, | 64.92 329 | ↑P | P | 17 59 43.9 | -1.1 | S23A | Nye Farm, Mont | 68.78 328 | ↓P | P | 18 00 09.5 | +0.1 | T14A | Hurricane | 71.98 324 | ↑P | P | 18 00 29.7 | +0.8 |
| 123A | Bell Site, Whi | 64.96 325 | ↓P | P | 17 59 44.2 | -1.0 | Y16A | Circle Bar Ran | 68.78 322 | ↑P | P | 18 00 09.9 | +0.5 | MURC | Murrie | 71.99 318 | ↑P | P | 18 00 29.5 | +0.5 |
| 222A | Williams Famil | 65.01 324 | ↑P | P | 17 59 45.4 | -0.1 | 114A | Black Gap (USA | 68.79 320 | ↑P | P | 18 00 09.7 | +0.2 | R16A | Teasdale | 72.01 325 | ↓P | P | 18 00 29.3 | +0.3 |
| Z24A | Sheeppen Canyo | 65.02 326 | ↓P | P | 17 59 44.7 | -0.9 | V19A | Windrow Rock | 68.79 325 | ↓P | P | 18 00 09.9 | +0.4 | U15A | Pakoon Wash | 72.01 323 | ↑P | P | 18 00 29.6 | +0.4 |
| Y25A | Mesa, Roswell | 65.14 327 | ↑P | P | 17 59 44.9 | -1.5 | Q25A | Bedland, Calha | 68.91 330 | ↑P | P | 18 00 09.8 | -0.3 | S13A | Panguitch | 72.03 324 | ↓P | P | 18 00 29.5 | +0.3 |
| X26A | CR and CF Fran | 65.20 328 | ↓P | P | 17 59 45.8 | -1.0 | T21A | Navajo Lake | 68.98 327 | ↑P | P | 18 00 10.9 | +0.3 | V12A | Nelson | 72.04 321 | ↑P | P | 18 00 29.4 | +0.1 |
| W27A | Bowe Ranch, En | 65.24 329 | ↑P | P | 17 59 45.8 | -1.2 | U20A | Newcomb | 69.02 326 | ↓P | P | 18 00 10.7 | -0.1 | SRU | San Rafael | 72.12 327 | ↑P | P | 18 00 29.8 | +0.1 |
| 221A | Mesquite Ranch | 65.31 323 | ↓P | P | 17 59 47.7 | +0.2 | X16A | Lo Mia Camp, P | 69.15 323 | ↑P | P | 18 00 12.2 | +0.5 | SRU | San Rafael | 72.12 327 | eP | P | 18 00 30.2 | +0.5 |
| 122A | Corniff Cattle | 65.41 324 | ↑P | P | 17 59 48.1 | 0.0 | Z23A | 4UR Ranch, Cre | 69.21 328 | ↑P | P | 18 00 12.1 | 0.0 | EYMM | Ely | 72.17 344 | eP | P | 18 00 32.5 | -1.3 |
| Z23A | Rita Site, Whi | 65.42 325 | ↑P | P | 17 59 47.8 | -0.4 | W17A | Winslow | 69.22 324 | ↑P | P | 18 00 12.4 | +0.2 | BBRC | Big Bear Solar | 72.26 319 | ↑P | P | 18 00 31.3 | +0.7 |
| Y24A | Capitan | 65.52 326 | ↑P | P | 17 59 48.6 | -0.2 | Z14A | Wintersburg | 69.26 321 | ↓P | P | 18 00 12.6 | +0.2 | HEC | Hector Ludlow | 72.29 320 | ↑P | P | 18 00 31.5 | +0.7 |
| X25A | Clemmons Ranch | 65.60 327 | ↑P | P | 17 59 48.2 | -1.2 | V18A | Canado | 69.27 325 | ↑P | P | 18 00 12.5 | 0.0 | Q16A | Castle Valley | 72.31 326 | ↑P | P | 18 00 31.0 | +0.1 |
| W26A | Owens Ranch, T | 65.61 328 | ↑P | P | 17 59 48.6 | -0.8 | U19A | Dine College, | 69.31 325 | ↑P | P | 18 00 12.4 | -0.3 | N20A | Spence Gulch, | 72.31 329 | ↑P | P | 18 00 30.8 | 0.0 |
| 220A | Playas Peak, P | 65.65 323 | ↓P | P | 17 59 49.6 | -0.1 | Y15A | Casa Rosa Ranc | 69.32 322 | ↑P | P | 18 00 13.3 | +0.4 | Q19A | Miners Draw (B | 72.32 328 | ↓P | P | 18 00 30.5 | -0.3 |
| 319A | Douglas | 65.69 322 | ↓P | P | 17 59 50.0 | +0.1 | 113A | Mohawk Valley, | 69.33 320 | ↑P | P | 18 00 12.8 | 0.0 | U12A | Valley of Fire | 72.35 322 | ↑P | P | 18 00 31.7 | +0.6 |
| 121A | Cookes Peak, D | 65.71 324 | ↑P | P | 17 59 50.3 | +0.2 | P25A | Willow Gulch B | 69.36 331 | ↑P | P | 18 00 13.0 | +0.1 | P18A | Preston Nutter | 72.37 327 | ↓P | P | 18 00 31.6 | +0.5 |
| Z22A | Elephant Butte | 65.81 325 | ↑P | P | 17 59 50.9 | +0.2 | Q24A | Divide | 69.37 330 | ↑P | P | 18 00 13.0 | 0.0 | R15A | Junction | 72.38 325 | ↓P | P | 18 00 31.5 | +0.3 |
| Y23A | Lovelace Mesa, | 65.85 326 | ↑P | P | 17 59 51.4 | -0.5 | R22A | Saguache, Gunn | 69.56 328 | ↑P | P | 18 00 14.1 | -0.1 | L22A | Ellis Ranch, | | | | | |

| | | | | | | | | | | | | | | |
|------|-----------------|--------------|---|-----------------|------|------------------|--------------|---|-----------------|------|-----------------------------------|-----------------|-----|-----------------|
| DAU | Daniels Canyon | 73.47 327 eP | P | 18 00 38.4 +0.7 | L12A | House Creek Ra | 76.67 326 ↑P | P | 18 00 56.4 +0.4 | ZALV | Zalesovo Beam | 141.56 26 PKP | PKP | 18 08 31.7 |
| Q14A | Sevier Lake (B) | 73.48 325 ↑P | P | 18 00 38.7 +0.9 | H16A | Russell Place, | 76.69 330 ↑P | P | 18 00 56.8 +0.8 | ZALV | Makanchi Array | 145.13 36 ePKP | PKP | 18 08 36.2 +0.8 |
| BLG | Laguna Peak | 73.49 318 ↑P | P | 18 00 37.8 -0.1 | I15A | McIntire | 76.75 329 ↑P | P | 18 00 57.1 +0.7 | MK31 | Makanchi Array | 145.13 36 PKP | PKP | 18 08 42.0 +0.1 |
| LRMC | Laurel Mountai | 73.55 320 ↑P | P | 18 00 38.6 +0.4 | J14A | Carey | 76.76 328 ↓P | P | 18 00 57.0 +0.6 | MKAR | Makanchi Array | 145.13 36 PKP | PKP | 18 08 41.9 +0.3 |
| NLU | North Lily Min | 73.55 326 eP | P | 18 00 39.0 +0.9 | F18A | Big Timber | 76.91 332 ↑P | P | 18 00 57.3 +0.1 | ERM | Ermo | 146.69 315 ePKP | PKP | 18 08 47.4 +2.6 |
| OSI | Osito Adit | 73.61 318 ↓P | P | 18 00 38.7 +0.1 | K12A | Draper Farm, C | 76.96 326 ↑P | P | 18 00 58.2 +0.6 | WMQ | Urumqi | 149.96 36 ePKP | PKP | 18 08 51.0 +1.0 |
| M18A | Lyman | 73.64 328 ↑P | P | 18 00 38.4 -0.3 | M10A | I.L. Ranch, Tu | 77.03 325 ↓P | P | 18 00 58.4 +0.4 | MJAR | Matsushiro Arr | 152.61 309 PKP | PKP | 18 09 00.3 -1.1 |
| N17A | Moffitt Pass | 73.65 328 ↑P | P | 18 00 39.4 +0.7 | L11A | Cat Creek Ranc | 77.07 326 ↓P | P | 18 00 58.5 +0.3 | MAJO | Matsushiro | 152.61 309 PKP | PKP | 18 09 00.5 -0.9 |
| JLU | Jordanelle | 73.71 327 eP | P | 18 00 39.9 +0.9 | J13A | Cove Ranch, P | 77.14 327 ↓P | P | 18 00 58.9 +0.3 | MAT | Matsushiro | 152.61 309 PKP | PKP | 18 09 00.3 -1.1 |
| AGMM | Agassiz Nation | 73.72 341 eP | P | 18 00 37.7 -1.3 | H14A | McKays | 77.17 328 ↓P | P | 18 00 59.3 +0.5 | SOMN | Songino Array | 153.28 8 PKP | PKP | 18 08 55.4 +0.5 |
| FURC | Furnace Creek, | 73.72 321 ↓P | P | 18 00 39.7 +0.4 | H15A | Lima | 77.28 329 ↓P | P | 18 00 59.9 +0.5 | SONM | 1.1nm,0.7s,baz=328,slow=1.1,SNR=7 | PKP | PKP | 18 09 02.5 0.0 |
| K20A | Yellowstone Ra | 73.77 330 ↓P | P | 18 00 38.9 -0.4 | F17A | Fitzpatrick Pl | 77.33 331 ↓P | P | 18 00 59.6 0.0 | SONM | 1.1nm,0.7s,baz=328,slow=1.1,SNR=7 | PKP | PKP | 18 09 14.0 -0.6 |
| P14A | Drum Mountains | 73.80 325 ↑P | P | 18 00 40.3 +0.7 | HLID | Hailey | 77.38 327 eP | P | 18 01 00.6 +0.7 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 02.6 -1.9 |
| L19A | Farson | 73.81 329 ↑P | P | 18 00 39.8 +0.1 | L10A | Juniper Basin | 77.38 325 ↓P | P | 18 01 00.2 +0.2 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 12 34.8 |
| MPMC | Manual Prospec | 73.82 320 ↑P | P | 18 00 39.9 +0.1 | I13A | Wildhorse Cree | 77.48 328 ↓P | P | 18 01 01.2 +0.6 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 13 29.3 +1.2 |
| Q13A | Wheeler Ranch, | 73.86 324 ↓P | P | 18 00 40.5 +0.5 | J12A | Stokes Ranch, | 77.50 327 ↑P | P | 18 01 01.0 +0.4 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 16 02.4 +0.4 |
| S11A | Rachel | 73.89 322 ↓P | P | 18 00 41.0 +0.8 | E18A | Harlowton | 77.51 332 ↓P | P | 18 01 00.3 -0.3 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 20 11.9 +2.2 |
| N16A | Rees Ranch, Co | 73.91 327 ↓P | P | 18 00 40.7 +0.5 | BOZ | Bozeman (W) | 77.52 330 eP | P | 18 01 01.1 +0.1 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 33 34.6 +1.8 |
| M17A | Scullys Gap (B) | 73.97 328 ↓P | P | 18 00 40.2 -0.4 | G15A | Dillon, | 77.62 330 ↓P | P | 18 01 01.5 +0.2 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 02.5 -2.0 |
| O15A | The Old Anders | 73.99 326 ↓P | P | 18 00 41.2 +0.5 | H14A | Leadore | 77.63 329 ↓P | P | 18 01 01.8 +0.5 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| L78A | Fontenelle, Gr | 74.00 329 ↑P | P | 18 00 40.6 -0.1 | K11A | Park Ranch, | 77.64 326 ↓P | P | 18 01 01.8 +0.4 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 02.5 -2.0 |
| DUG | Dugway | 74.11 326 eP | P | 18 00 41.8 +0.4 | DLMT | Dillon | 77.81 330 eP | P | 18 01 03.0 +0.6 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| K19A | Absolon Red Bu | 74.13 330 ↑P | P | 18 00 41.0 -0.5 | E17A | Martinsdale | 77.84 331 ↓P | P | 18 01 02.3 -0.2 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| ISA | Isabella | 74.15 319 ↓P | P | 18 00 42.3 +0.6 | I12A | Atlanta | 77.91 327 ↓P | P | 18 01 03.4 +0.5 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| ISA | Isabella | 74.15 319 eP | P | 18 00 42.1 +0.4 | MFID | Camas Ranch | 77.99 327 ↓P | P | 18 01 03.7 +0.3 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| P13A | Bates Ranch, G | 74.21 325 ↓P | P | 18 00 42.6 +0.6 | H13A | Challis | 78.03 328 ↑P | P | 18 01 04.1 +0.6 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| R11A | Troy Canyon, C | 74.29 323 ↓P | P | 18 00 43.2 +0.7 | K10A | MacKenzie Ranc | 78.08 326 ↓P | P | 18 01 04.0 +0.1 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| Q12A | Willow Creek R | 74.36 324 ↑P | P | 18 00 43.3 +0.4 | LRM | Limekiln Ridge | 78.09 330 eP | P | 18 01 04.5 +0.6 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| GRAC | Grapevine Rang | 74.39 321 ↑P | P | 18 00 43.6 +0.5 | F15A | Butte | 78.12 330 ↓P | P | 18 01 03.8 -0.2 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| BW06 | Boulder Array | 74.42 330 eP | P | 18 00 42.9 -0.2 | E16A | East Helena | 78.27 331 ↓P | P | 18 01 05.1 +0.3 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| PDAR | Pinedale Array | 74.42 330 eP | P | 18 00 42.5 -0.6 | D17A | Six Diamond Ra | 78.28 332 ↑P | P | 18 01 04.6 -0.3 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| CWC | Cottonwood Cre | 74.43 320 ↑P | P | 18 00 44.0 +0.7 | H12A | Diamond D Ranc | 78.31 328 ↓P | P | 18 01 05.5 +0.4 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| HWUT | Hardware Ranch | 74.52 328 eP | P | 18 00 43.6 -0.1 | G13A | Colbat | 78.40 329 ↑P | P | 18 01 06.1 +0.5 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| L17A | Cokeville | 74.54 328 ↑P | P | 18 00 43.5 -0.4 | F14A | Wisdom | 78.51 330 ↑P | P | 18 01 06.8 +0.6 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| K18A | Toltan Ranch, | 74.55 329 ↑P | P | 18 00 44.1 +0.2 | D16A | Dana Ranch, Ca | 78.59 331 ↓P | P | 18 01 06.8 +0.2 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| S10A | Tonopah Range, | 74.57 322 ↑P | P | 18 00 44.6 +0.5 | E15A | Deer Lodge | 78.63 330 ↑P | P | 18 01 06.9 +0.1 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| Q11A | Duckwater | 74.68 323 ↑P | P | 18 00 45.1 +0.4 | WVOR | Wild Horse Val | 78.79 324 eP | P | 18 01 05.9 -1.9 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| P12A | McGill | 74.71 324 ↓P | P | 18 00 45.4 +0.5 | B18A | Beardsley Farm | 78.86 333 ↑P | P | 18 01 07.8 -0.2 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| SPUT | South Promonto | 74.74 327 eP | P | 18 00 45.5 +0.5 | F13A | Darby | 78.95 329 ↑P | P | 18 01 08.8 +0.2 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| L16A | Fish Haven | 74.75 328 ↑P | P | 18 00 44.8 -0.3 | H11A | Donnelly | 79.00 327 ↓P | P | 18 01 09.1 +0.2 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| BGU | Big Grassy Mou | 74.76 326 eP | P | 18 00 44.6 -0.5 | E14A | Clinton | 79.02 330 ↓P | P | 18 01 09.4 +0.5 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| N14A | Graybill Hills | 74.78 326 ↓P | P | 18 00 45.1 -0.2 | D15A | Lincoln | 79.03 331 ↑P | P | 18 01 09.6 +0.6 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| SMMC | Simmler | 74.85 318 ↑P | P | 18 00 46.2 +0.4 | C16A | Fuhringer Ranc | 79.26 332 ↑P | P | 18 01 09.6 -0.6 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| M15A | Larsen Ranch, | 74.85 327 ↑P | P | 18 00 45.5 -0.2 | A18A | Melzer Ranch, | 79.30 333 ↑P | P | 18 01 09.9 -0.5 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| TIN | Tinemaha | 74.93 321 ↑P | P | 18 00 47.0 +0.8 | J08A | Circle Bar Ranch | 79.33 325 ↓P | P | 18 01 11.0 +0.2 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| J18A | Kendall Valley | 74.98 330 ↓P | P | 18 00 46.1 -0.3 | TSUM | Tsumeb | 79.34 106 eP | P | 18 01 12.8 +1.3 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| K17A | Gardner Place, | 75.06 329 ↓P | P | 18 00 46.7 -0.1 | MOD | Modoc | 79.36 323 eP | P | 18 01 11.1 +0.2 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| Q10A | Clear Creek Ra | 75.08 323 ↑P | P | 18 00 47.7 +0.6 | E13A | Victor | 79.36 330 ↓P | P | 18 01 10.7 -0.1 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| O12A | Currie | 75.19 325 ↑P | P | 18 00 47.0 +0.2 | F12A | Elk City | 79.38 329 ↓P | P | 18 01 10.9 0.0 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| L15A | Malad City | 75.22 327 ↑P | P | 18 00 47.6 -0.1 | MSO | Missoula | 79.53 330 eP | P | 18 01 12.2 +0.5 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| P11A | Circle Ranch, | 75.23 324 ↓P | P | 18 00 48.4 +0.5 | C15A | Saldoni Ranch, | 79.62 331 ↓P | P | 18 01 12.2 +0.1 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| HVU | Hansel Valley | 75.25 327 eP | P | 18 00 46.0 -2.0 | G11A | Walters Elk Ra | 79.62 328 ↓P | P | 18 01 12.3 +0.1 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| M18A | Diamond G Ranc | 75.26 330 ↑P | P | 18 00 48.1 +0.1 | BMO | Blue Mountains | 79.76 327 eP | P | 18 01 13.0 0.0 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| ITUM | Tungsten Hills | 75.33 321 eP | P | 18 00 49.3 +0.8 | KCPM | Cahto Peak | 79.83 320 eP | P | 18 01 14.5 +0.9 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| M14A | Sheep Mountain | 75.34 327 ↓P | P | 18 00 48.3 -0.1 | F11A | Grangeville | 79.91 328 ↓P | P | 18 01 13.6 -0.2 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| J17A | Brown Place, J | 75.42 329 ↑P | P | 18 00 49.1 +0.2 | D13A | Huson | 79.97 330 ↑P | P | 18 01 13.6 -0.5 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| K16A | Soda Springs, | 75.44 328 ↓P | P | 18 00 49.5 +0.5 | G10A | Bishop Farm, J | 79.97 327 ↓P | P | 18 01 14.6 +0.5 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| ULM | Lac du Bonnet | 75.47 342 P | P | 18 00 47.5 -1.5 | E12A | Beaver Dam Sad | 80.00 329 ↑P | P | 18 01 14.2 0.0 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| ULM | Lac du Bonnet | 75.47 342 eP | P | 18 00 47.5 -1.5 | B15A | Bradley Ranch, | 80.00 332 ↑P | P | 18 01 13.6 -0.6 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| LOHW | Long Hollow | 75.56 330 eP | P | 18 00 49.9 +0.2 | K05A | Summer Lake | 80.23 323 ↑P | P | 18 01 16.2 +0.6 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| O11A | Cowboy Ranch, | 75.58 324 eP | P | 18 00 50.3 +0.4 | G09A | Cove | 80.30 327 ↓P | P | 18 01 16.2 +0.3 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| TPAW | Teton Pass | 75.63 329 eP | P | 18 00 50.4 +0.4 | B14A | Marquette Ranc | 80.36 331 ↑P | P | 18 01 15.7 -0.5 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| M13A | Montello | 75.66 326 ↓P | P | 18 00 50.0 -0.3 | I07A | Izee | 80.38 325 ↓P | P | 18 01 16.6 +0.3 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| M13A | Montello | 75.66 326 eP | P | 18 00 50.4 +0.1 | C13A | Hot Springs | 80.44 330 ↑P | P | 18 01 16.5 -0.1 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| P10A | Eureka | 75.67 323 ↓P | P | 18 00 51.1 +0.7 | F10A | Beach Ranch, E | 80.50 328 ↑P | P | 18 01 16.9 -0.1 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| L14A | Malta | 75.67 327 ↓P | P | 18 00 50.3 -0.1 | YBH | Yreka Blue Hor | 80.61 322 eP | P | 18 01 16.4 -1.3 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| RR12 | Red Ridge | 75.70 329 eP | P | 18 00 51.2 +0.7 | B13A | Whitfish | 80.91 331 ↑P | P | 18 01 18.8 -0.2 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| I17A | Pilgrim Ck. | 75.78 330 ↓P | P | 18 00 51.7 +0.8 | G08A | Pilot Rock | 80.91 326 ↓P | P | 18 01 19.3 +0.1 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| J16A | Bone | 75.78 329 ↑P | P | 18 00 51.2 +0.2 | B12A | Libby | 81.49 330 ↑P | P | 18 01 22.2 +0.1 | HHC | Hu-ho-hao-te | 160.63 1 ePKS | PKP | 18 09 05.4 +0.4 |
| K15A | Arbon | 75.80 328 ↑P | P | 18 00 51.2 +0.1 | HAWA | Hanford | 81.95 327 eP | | | | | | | |

14d 18h

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

ISCJB 14 18:39:59.0, 6.2, 7.98S, 0.04, 66.61W, 0.06, h169km, 6km, mb4.3/27, Error ellipse: s-maj=8.0km s-min=6.3km az=3.0

2008 JUL

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations and event details for July 2008.

14d 18h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations and event details for July 2008.

ISCJB 14 18:45:52.0, 4.4, 7.7N, 121.51W, h22km, mB5.0/8, mb4.9/12, Ms4.5/5, Ms7.4/2.5

Table with columns: ID, Name, Azimuth, Elevation, SNR, Azimuth Error, Elevation Error, SNR Error, Azimuth Rate, Elevation Rate, SNR Rate, Azimuth Accuracy, Elevation Accuracy, SNR Accuracy, Azimuth Precision, Elevation Precision, SNR Precision, Azimuth Resolution, Elevation Resolution, SNR Resolution, Azimuth Bandwidth, Elevation Bandwidth, SNR Bandwidth, Azimuth Frequency, Elevation Frequency, SNR Frequency, Azimuth Wavelength, Elevation Wavelength, SNR Wavelength, Azimuth Bandwidth, Elevation Bandwidth, SNR Bandwidth, Azimuth Frequency, Elevation Frequency, SNR Frequency, Azimuth Wavelength, Elevation Wavelength, SNR Wavelength.

Table with columns: ID, Name, Azimuth, Elevation, SNR, Azimuth Error, Elevation Error, SNR Error, Azimuth Rate, Elevation Rate, SNR Rate, Azimuth Accuracy, Elevation Accuracy, SNR Accuracy, Azimuth Precision, Elevation Precision, SNR Precision, Azimuth Resolution, Elevation Resolution, SNR Resolution, Azimuth Bandwidth, Elevation Bandwidth, SNR Bandwidth, Azimuth Frequency, Elevation Frequency, SNR Frequency, Azimuth Wavelength, Elevation Wavelength, SNR Wavelength.

Table with columns: ID, Name, Azimuth, Elevation, SNR, Azimuth Error, Elevation Error, SNR Error, Azimuth Rate, Elevation Rate, SNR Rate, Azimuth Accuracy, Elevation Accuracy, SNR Accuracy, Azimuth Precision, Elevation Precision, SNR Precision, Azimuth Resolution, Elevation Resolution, SNR Resolution, Azimuth Bandwidth, Elevation Bandwidth, SNR Bandwidth, Azimuth Frequency, Elevation Frequency, SNR Frequency, Azimuth Wavelength, Elevation Wavelength, SNR Wavelength.

Table with columns: ID, Name, Az, El, SNR, P, R, Az, El, SNR, P, R. Includes entries like P12A McGill, N14A Grayback Hills, Q10A Clear Creek Ra, etc.

Table with columns: Name, Az, El, SNR, P, R, Az, El, SNR, P, R. Includes entries like SUMG Summit, DAWY Dawson, INK Inuvik, etc.

Table with columns: Name, Az, El, SNR, P, R, Az, El, SNR, P, R. Includes entries like DLBC Dease Lake, YKBA Yellowknife Ar, RES Resolute Bay, etc.

ISCJB 14 23:05:33.9, 3.6, 1.44N, 0.06:96:33E, 0.09, h15km, 27km, mb3.6/6, Error ellipse: s-maj=14.8km s-min=10.7km az=1.0

IDC 14 23:05:33.6, 2.2, 1.40N, 96:21E, h0km, mb3.7/3, mb1 3.7/5, mb1mx3.9/2.1, mbtmp3.6/5, ML4-4/1, Error ellipse: s-maj=5.5, 4km s-min=2.5km az=52.0

NEIC 14 23:05:38.5, 0.5, 1.44N, 96:35E, h35km, mb3.8/3, Error ellipse: s-maj=11.5km s-min=7.3km az=79.0

ISC 14 23:05:34.8, 4.2, 1.44N, 0:07:96:33E, 0.08, h7km, 20km, n19, 0:54/20, mb3.6/6, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, El, SNR, P, R, Az, El, SNR, P, R. Includes entries like PSI Prapat, KULM Kulin, KULM West Island, etc.

ISCJB 14 23:34:42.4, 2.0, 6.3:08N, 0:02:150:91W, 0:06, h131km, 2km, mb3.9/20, Error ellipse: s-maj=4.3km s-min=3.9km az=170.5

IDC 14 23:34:43.1, 2.3, 6.3:18N, 151:04W, h114km, 23km, mb3.6/15, mb1 3.7/19, mb1mx3.6/29, mbtmp3.6/19, Error ellipse: s-maj=16.9km s-min=16.3km az=146.0

NEIC 14 23:34:44.0, 0.3, 63:08N, 150:88W, h125km, mb4.1/8, After AEIC

ISC 14 23:34:43.6, 0.2, 6.3:08N, 0:02:150:90W, 0:06, h125km, 2km, n72, 0:06/92, mb4.0/20, Central Alaska

Table with columns: Code, Station Name, Az, El, SNR, P, R, Az, El, SNR, P, R. Includes entries like TRF Thorofare Moun, PPLA Purkeypyle, PPLA Reindeer, etc.

ISCJB 14 23:38:54.0, 4.0, 4.3:33N, 0:04:144:36E, 0:06, h143km, 2km, mb3.8/12, Error ellipse: s-maj=7.6km s-min=7.0km az=152.7

IDC 14 23:38:56.8, 2.7, 4.3:45N, 144:33E, h144km, 14km, mb3.4/7, mb1 3.5/7, mb1mx3.2/23, mbtmp3.4/7, Error ellipse: s-maj=47.6km s-min=24.4km az=68.0

JMA 14 23:38:56.0, 0.1, 4.3:35N, 144:35E, h138km, 1km, M3.3 NEIC 14 23:38:56.1, 4.3:35N, 144:35E, h138km, mb4.0/3, After JMA

ISC 14 23:38:55.8, 0.4, 4.3:34N, 0:04:144:35E, 0:06, h138km, 2km, n34, 0:06/73/47, mb3.8/12, Hokkaido region

Table with columns: Code, Station Name, Az, El, SNR, P, R, Az, El, SNR, P, R. Includes entries like JNK Nakash, JNK Akkeshi, JAK Ashorobuto, etc.

ISCJB 14 23:54:25.6, 35:10N, 27:09E, h12km, ML3.9, IDC 14 23:54:25.9, 1.3, 35:24N, 27:09E, h0km, mb3.9/11, mb1 3.0/16, mb1mx3.8/27, mbtmp3.8/16, ML3.7/5, MS3.0/1, s-min=17.2km az=22.0

NEIC 14 23:54:31.7, 35:49N, 27:20E, h34km, mb3.9/16, ML4.4(4TH), ML3.8(ATH), After ATH

ATH 14 23:54:31.7, 35:49N, 27:20E, h34km, 1km, ML3.8 ISCJB 14 23:54:31.1, 0.3, 35:36N, 0:03:27:30E, 0:02, h33km, mb3.9/22, MS2.6/3, Error ellipse: s-maj=3.6km s-min=2.2km az=179.3

CSEME 14 23:54:31.2, 0.2, 35:32N, 27:28E, h20km, mb4.2/5, Error ellipse: s-maj=5.1km s-min=3.1km az=5.0

THE 14 23:54:33.4, 35:42N, 27:31E, h22km, 5km, ML4.4/8, Error ellipse: s-maj=5.5km s-min=3.3km az=142.0

ISC 14 23:54:32.7, 0.3, 35:34N, 0:03:27:30E, 0:02, h35km, n273, s-1932/329, mb3.9/22, MS2.8/3, CD, Dodecanese Islands

Table with columns: Code, Station Name, Az, El, SNR, P, R, Az, El, SNR, P, R. Includes entries like Code Station Name, KARP Karpathos, KARP Karpathos, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like KARF, KARP, ZKR, ARG, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like LTK, VLX, HDMB, EZN, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like TCF, RJF, BAIF, SJPF, etc.

ISK 15 00:31:13.4, 35:30N-27:21E, h9km, ML3.5
DDA 15 00:31:15.9, 35:48N-27:32E, h15km, MD3.4
ISCJBJ 15 00:31:17.2, 35:40N-01:03:27.28E, 0.02, h27km, 4km,
Error ellipse: s-maj=5.4km s-min=3.1km az=166.6
CSEM 15 00:31:17.7, 35:40N-27:25E, h20km, MD3.6, Error
ellipse: s-maj=4.6km s-min=2.5km az=167.0
NEIC 15 00:31:18.1, 35:63N-27:06E, h20km, MD3.6, After
ATH 15 00:31:18.1, 35:65N-27:06E, h24km, 3km, MD3.6/12
THE 15 00:31:19.5, 35:46N-27:20E, h17km, 5km, ML4.1/2, Error
ellipse: s-maj=5.5km s-min=1.5km az=146.0
ISC 15 00:31:17.9, 35:39N-03:27:24E, 0.02, h21km, 4km,
n155, 09/207, Dodecanis Islands

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Res. Includes stations like KARF, KARP, ZKR, ARG, etc.

| | | | | | | | | |
|-------|-----------------|------|-----|-----|----|------------|------|----|
| TURN | Turunc | 1.84 | 36 | iP | Pn | 00 31 44.3 | -3.9 | Sn |
| TURN | Turunc | 1.84 | 36 | iS | Sn | 00 32 07.1 | -3.8 | Sn |
| TURN | Turunc | 1.84 | 36 | iP | Pn | 00 31 44.3 | -3.9 | Sn |
| TURN | Turunc | 1.84 | 36 | iS | Sn | 00 32 07.1 | -3.8 | Sn |
| THRS | Thira Island, | 1.85 | 304 | P | Pn | 00 31 48.1 | -0.2 | Pn |
| THRS | Thira Island, | 1.85 | 304 | P | Pn | 00 31 48.1 | -0.2 | Pn |
| IDI | Anoyia | 1.93 | 268 | ePn | Pn | 00 31 49.9 | +0.5 | Pn |
| IDI | Anoyia | 1.93 | 268 | ePn | Pn | 00 31 49.9 | +0.5 | Pn |
| IDI | Anoyia | 1.93 | 268 | ePn | Pn | 00 31 49.9 | +0.5 | Pn |
| YER | Yerkesik | 1.93 | 25 | ePn | Pn | 00 32 14.3 | +1.2 | Pn |
| YER | Yerkesik | 1.93 | 25 | ePn | Pn | 00 32 14.3 | +1.2 | Pn |
| YER | Yerkesik | 1.93 | 25 | ePn | Pn | 00 32 14.3 | +1.2 | Pn |
| MLSB | Milas | 1.95 | 13 | ePn | Pn | 00 31 49.8 | +0.1 | Pn |
| MLSB | Milas | 1.95 | 13 | ePn | Pn | 00 31 49.8 | +0.1 | Pn |
| SIVA | Sivas | 2.03 | 260 | ePn | Pn | 00 31 52.4 | +1.7 | Pn |
| SIVA | Sivas | 2.03 | 260 | ePn | Pn | 00 31 52.4 | +1.7 | Pn |
| SIVA | Sivas | 2.03 | 260 | ePn | Pn | 00 31 52.4 | +1.7 | Pn |
| SIVA | Sivas | 2.03 | 260 | ePn | Pn | 00 31 52.4 | +1.7 | Pn |
| AKAS | Kas | 2.10 | 66 | iP | Sn | 00 31 51.8 | +0.1 | Sn |
| AKAS | Kas | 2.10 | 66 | iS | Sn | 00 32 18.3 | +1.2 | Sn |
| AKAS | Kas | 2.10 | 66 | iS | Sn | 00 32 18.3 | +1.2 | Sn |
| APE | Apeiranthos | 2.17 | 321 | ePn | Pn | 00 31 51.4 | -0.9 | Pn |
| APE | Apeiranthos | 2.17 | 321 | ePn | Pn | 00 31 51.4 | -0.9 | Pn |
| APE | Apeiranthos | 2.17 | 321 | ePn | Pn | 00 31 51.4 | -0.9 | Pn |
| APE | Apeiranthos | 2.17 | 321 | ePn | Pn | 00 31 51.4 | -0.9 | Pn |
| AYDN | Tasoluk | 2.33 | 13 | iP | Pn | 00 31 55.6 | +0.8 | Pn |
| AYDN | Tasoluk | 2.33 | 13 | iP | Pn | 00 31 55.6 | +0.8 | Pn |
| AYDN | Tasoluk | 2.33 | 13 | iP | Pn | 00 31 55.6 | +0.8 | Pn |
| SMG | Samos | 2.34 | 352 | ePn | Pn | 00 31 53.5 | -1.5 | Pn |
| SMG | Samos | 2.34 | 352 | ePn | Pn | 00 31 53.5 | -1.5 | Pn |
| SMG | Samos | 2.34 | 352 | ePn | Pn | 00 31 53.5 | -1.5 | Pn |
| VAM | Vamos | 2.49 | 271 | ePn | Pn | 00 31 57.7 | +0.6 | Pn |
| VAM | Vamos | 2.49 | 271 | ePn | Pn | 00 31 57.7 | +0.6 | Pn |
| VAM | Vamos | 2.49 | 271 | ePn | Pn | 00 31 57.7 | +0.6 | Pn |
| GLHS | Ghilaris (BURDU | 2.54 | 45 | ePn | Pn | 00 31 58.0 | +0.3 | Pn |
| GLHS | Ghilaris (BURDU | 2.54 | 45 | ePn | Pn | 00 31 58.0 | +0.3 | Pn |
| ELL | Elmali | 2.55 | 57 | ePn | Pn | 00 31 57.9 | 0.0 | Pn |
| ELL | Elmali | 2.55 | 57 | ePn | Pn | 00 31 57.9 | 0.0 | Pn |
| GOLH | Golhisar | 2.63 | 45 | iP | Sn | 00 32 00.4 | +1.4 | Sn |
| GOLH | Golhisar | 2.63 | 45 | iS | Sn | 00 32 35.1 | +4.9 | Sn |
| GOLH | Golhisar | 2.63 | 45 | iS | Sn | 00 32 00.4 | +1.4 | Sn |
| GVD | Gavdhos | 2.65 | 259 | ePn | Pn | 00 32 04.9 | +5.7 | Pn |
| GVD | Gavdhos | 2.65 | 259 | ePn | Pn | 00 32 04.9 | +5.7 | Pn |
| DNZL | Cakirolok | 2.72 | 32 | iP | Pn | 00 32 39.4 | +6.9 | Pn |
| DNZL | Cakirolok | 2.72 | 32 | iS | Sn | 00 32 01.4 | +1.1 | Sn |
| DNZL | Cakirolok | 2.72 | 32 | iS | Sn | 00 32 01.4 | +1.1 | Sn |
| KARN | Karanos | 2.72 | 271 | ePn | Pn | 00 32 00.7 | +0.5 | Pn |
| KARN | Karanos | 2.72 | 271 | ePn | Pn | 00 32 00.7 | +0.5 | Pn |
| DENT | Denizli | 2.77 | 31 | ePn | Pn | 00 31 59.8 | -1.1 | Pn |
| DENT | Denizli | 2.77 | 31 | ePn | Pn | 00 31 59.8 | -1.1 | Pn |
| KORT | Korkueli | 2.98 | 56 | iP | Pn | 00 32 05.1 | +1.2 | Pn |
| KORT | Korkueli | 2.98 | 56 | iP | Pn | 00 32 05.1 | +1.2 | Pn |
| BLCB | Balcova | 3.00 | 357 | ePn | Pn | 00 32 03.4 | -0.6 | Pn |
| BLCB | Balcova | 3.00 | 357 | ePn | Pn | 00 32 03.4 | -0.6 | Pn |
| IZM | Izmir | 3.00 | 0 | ePn | Pn | 00 32 03.1 | -1.1 | Pn |
| CHOS | Chios island | 3.14 | 343 | P | Sn | 00 32 05.1 | -0.9 | Sn |
| CHOS | Chios island | 3.14 | 343 | P | Sn | 00 32 05.1 | -0.9 | Sn |
| CHOS | Chios island | 3.14 | 343 | P | Sn | 00 32 05.1 | -0.9 | Sn |
| ANTB | Antalya | 3.15 | 60 | ePn | Pn | 00 32 05.8 | -0.3 | Pn |
| ANTB | Antalya | 3.15 | 60 | ePn | Pn | 00 32 05.8 | -0.3 | Pn |
| KULA | Kula-Manisa | 3.32 | 20 | ePn | Pn | 00 32 08.6 | +0.1 | Pn |
| KULA | Kula-Manisa | 3.32 | 20 | ePn | Pn | 00 32 08.6 | +0.1 | Pn |
| BCK | Bucak | 3.40 | 52 | ePn | Pn | 00 32 09.5 | -0.1 | Pn |
| BCK | Bucak | 3.40 | 52 | ePn | Pn | 00 32 09.5 | -0.1 | Pn |
| KHL | Karahalli | 3.45 | 31 | ePn | Pn | 00 32 10.4 | +0.1 | Pn |
| KHL | Karahalli | 3.45 | 31 | ePn | Pn | 00 32 10.4 | +0.1 | Pn |
| AKS | Akhisar | 3.51 | 7 | ePn | Pn | 00 32 10.9 | -0.3 | Pn |
| AKS | Akhisar | 3.51 | 7 | ePn | Pn | 00 32 10.9 | -0.3 | Pn |
| KYTH | Kithira | 3.53 | 286 | ePn | Pn | 00 32 11.3 | -0.1 | Pn |
| KYTH | Kithira | 3.53 | 286 | ePn | Pn | 00 32 11.3 | -0.1 | Pn |
| KYTH | Kithira | 3.53 | 286 | ePn | Pn | 00 32 11.3 | -0.1 | Pn |
| SUTC | Sutluce-Ispart | 3.68 | 54 | ePn | Pn | 00 32 13.2 | -0.2 | Pn |
| SUTC | Sutluce-Ispart | 3.68 | 54 | ePn | Pn | 00 32 13.2 | -0.2 | Pn |
| VLI | Velia | 3.73 | 292 | ePn | Pn | 00 32 13.5 | -0.7 | Pn |
| VLI | Velia | 3.73 | 292 | ePn | Pn | 00 32 13.5 | -0.7 | Pn |
| VLI | Velia | 3.73 | 292 | ePn | Pn | 00 32 13.5 | -0.7 | Pn |
| DEMI | Demirci | 3.83 | 17 | iP | Pn | 00 32 16.2 | +0.7 | Pn |
| DEMI | Demirci | 3.83 | 17 | iP | Pn | 00 32 16.2 | +0.7 | Pn |
| DEMI | Demirci | 3.83 | 17 | iP | Pn | 00 32 16.2 | +0.7 | Pn |
| DEMI | Demirci | 3.83 | 17 | iP | Pn | 00 32 16.2 | +0.7 | Pn |
| DID | Didima | 3.86 | 304 | P | Pn | 00 32 16.7 | +0.8 | Pn |
| DID | Didima | 3.86 | 304 | P | Pn | 00 32 16.7 | +0.8 | Pn |
| PRK | Paraskevi | 3.93 | 349 | ePn | Pn | 00 32 16.2 | -0.7 | Pn |
| PRK | Paraskevi | 3.93 | 349 | ePn | Pn | 00 32 16.2 | -0.7 | Pn |
| PRK | Paraskevi | 3.93 | 349 | ePn | Pn | 00 32 16.2 | -0.7 | Pn |
| PRK | Paraskevi | 3.93 | 349 | ePn | Pn | 00 32 16.2 | -0.7 | Pn |
| GDZ | Gezici | 4.10 | 25 | iP | Pn | 00 32 19.4 | +0.1 | Pn |
| GDZ | Gezici | 4.10 | 25 | iP | Pn | 00 32 19.4 | +0.1 | Pn |
| SHUT | Suhut-Afyon | 4.12 | 39 | ePn | Pn | 00 32 19.2 | -0.3 | Pn |
| SHUT | Suhut-Afyon | 4.12 | 39 | ePn | Pn | 00 32 19.2 | -0.3 | Pn |
| GAZI | Gazipasa | 4.21 | 77 | iP | Pn | 00 33 06.1 | -3.1 | Pn |
| GAZI | Gazipasa | 4.21 | 77 | iP | Pn | 00 33 06.1 | -3.1 | Pn |
| GAZI | Gazipasa | 4.21 | 77 | iP | Pn | 00 33 06.1 | -3.1 | Pn |
| ALT | Altintas | 4.32 | 31 | ePn | Pn | 00 32 21.5 | -0.7 | Pn |
| ALT | Altintas | 4.32 | 31 | ePn | Pn | 00 32 21.5 | -0.7 | Pn |
| BALY | Balya | 4.35 | 4 | iP | Pn | 00 32 22.7 | 0.0 | Pn |
| BALY | Balya | 4.35 | 4 | iP | Pn | 00 32 22.7 | 0.0 | Pn |
| BALY | Balya | 4.35 | 4 | iP | Pn | 00 32 22.7 | 0.0 | Pn |
| HDMB | Hadim | 4.52 | 68 | ePn | Pn | 00 32 24.3 | -0.8 | Pn |
| HDMB | Hadim | 4.52 | 68 | ePn | Pn | 00 32 24.3 | -0.8 | Pn |
| LEF | Lefka | 4.63 | 92 | ePn | Pn | 00 32 24.7 | -1.8 | Pn |
| LEF | Lefka | 4.63 | 92 | ePn | Pn | 00 32 24.7 | -1.8 | Pn |
| GONE | Gonen-Balikesi | 4.66 | 4 | ePn | Pn | 00 32 27.5 | +0.5 | Pn |
| GONE | Gonen-Balikesi | 4.66 | 4 | ePn | Pn | 00 32 27.5 | +0.5 | Pn |
| GUR | Goura | 4.69 | 304 | P | Pn | 00 32 29.2 | +1.9 | Pn |
| GUR | Goura | 4.69 | 304 | P | Pn | 00 32 29.2 | +1.9 | Pn |
| ERMK | Ermenek | 4.76 | 73 | iP | Pn | 00 32 29.5 | +1.2 | Pn |
| ERMK | Ermenek | 4.76 | 73 | iP | Pn | 00 32 29.5 | +1.2 | Pn |
| ERMK | Ermenek | 4.76 | 73 | iP | Pn | 00 32 29.5 | +1.2 | Pn |
| ERMK | Ermenek | 4.76 | 73 | iP | Pn | 00 32 29.5 | +1.2 | Pn |
| DSF | Desfina | 4.83 | 310 | P | Pn | 00 32 31.1 | +1.8 | Pn |
| DSF | Desfina | 4.83 | 310 | P | Pn | 00 32 31.1 | +1.8 | Pn |
| KONT | Konya-Tatoy | 4.84 | 37 | ePn | Pn | 00 32 29.8 | +0.4 | Pn |
| KONT | Konya-Tatoy | 4.84 | 37 | ePn | Pn | 00 32 29.8 | +0.4 | Pn |
| GADA | Gvkgeada | 4.91 | 348 | ePn | Pn | 00 32 30.7 | +0.3 | Pn |
| GADA | Gvkgeada | 4.91 | 348 | ePn | Pn | 00 32 30.7 | +0.3 | Pn |
| KCTX | Karacabey (Bur | 4.95 | 10 | ePn | Pn | 00 32 30.7 | -0.2 | Pn |
| KCTX | Karacabey (Bur | 4.95 | 10 | ePn | Pn | 00 32 30.7 | -0.2 | Pn |
| BNT | Bandirma | 4.99 | 6 | ePn | Pn | 00 32 32.0 | +0.6 | Pn |
| BNT | Bandirma | 4.99 | 6 | ePn | Pn | 00 32 32.0 | +0.6 | Pn |
| KDHN | Kadinhani | 5.00 | 50 | iP | Pn | 00 32 32.4 | +0.8 | Pn |
| KDHN | Kadinhani | 5.00 | 50 | iP | Pn | 00 32 32.4 | +0.8 | Pn |
| CSS | Prodromos | 5.00 | 93 | ePn | Pn | 00 32 31.1 | -0.5 | Pn |
| CSS | Prodromos | 5.00 | 93 | ePn | Pn | 00 32 31.1 | -0.5 | Pn |
| GELI | Tayfur-Gelibol | 5.04 | 353 | ePn | Pn | 00 32 32.1 | 0.0 | Pn |
| GELI | Tayfur-Gelibol | 5.04 | 353 | ePn | Pn | 00 32 32.1 | 0.0 | Pn |
| KIZT | Kizilcal | 5.08 | 45 | ePn | Pn | 00 32 32.6 | -0.2 | Pn |
| KIZT | Kizilcal | 5.08 | 45 | ePn | Pn | 00 32 32.6 | -0.2 | Pn |
| IKL | Isikli | 5.30 | 79 | ePn | Pn | 00 32 35.4 | -0.4 | Pn |
| IKL | Isikli | 5.30 | 79 | ePn | Pn | 00 32 35.4 | -0.4 | Pn |
| KARA | Karaisali | 6.58 | 71 | ePn | Pn | 00 32 53.6 | +0.3 | Pn |
| KARA | Karaisali | 6.58 | 71 | ePn | Pn | 00 32 53.6 | +0.3 | Pn |
| BR131 | Keskin Array S | 6.67 | 48 | ePn | Sn | 00 34 09.4 | -0.5 | Sn |
| BR131 | Keskin Array S | 6.67 | 48 | ePn | Sn | 00 34 09.4 | -0.5 | Sn |
| BR131 | Keskin Array S | 6.67 | 48 | ePn | Sn | 00 34 09.4 | -0.5 | Sn |

CSEM 15 00:55:40.0, 0.2, 37.90N, 21.46E, h10km, MD3.0, Error ellipse: s-maj=3.9km s-min=3.4km az=68.0

ISC 15 00:55:40.7, 0.4, 37.89N, 0.02, 21.48E, 0.03, h11km, 3km, n62, c116/103, Southern Greece

| | | | | | |
|------|----------------|----------|----------|------|-----------------|
| Code | Station Name | Δ° AZ° | Phase ID | Time | Res |
| RLS | Riolos of Patr | 0.17 357 | Op | ISC | h m s ISC |
| RLS | Riolos of Patr | 0.17 357 | ePb | Pg | 00 55 43.7 -0.7 |
| RLS | Riolos of Patr | 0.17 357 | eSb | Sg | 00 55 48.9 +1.9 |
| RLS | Riolos of Patr | 0.17 357 | ePb | Pg | 00 55 43.7 -0.7 |
| RLS | Riolos of Patr | 0.17 357 | eSb | Sg | 00 55 48.9 +1.9 |
| RLS | Riolos of Patr | 0.17 357 | ePb | Pg | 00 55 43.7 -0.7 |
| RLS | Riolos of Patr | 0.17 357 | eSb | Sg | 00 55 48.9 +1.9 |
| UPR | University Cam | 0.46 32 | P | Pg | 00 55 49.7 -0.1 |
| UPR | University Cam | 0.46 32 | P | Pg | 00 55 49.7 -0.1 |
| UPR | University Cam | 0.46 32 | P | Pg | 00 55 49.7 -0.1 |
| UPR | University Cam | 0.46 32 | P | Pg | 00 55 49.7 -0.1 |
| LAKA | Lakka | 0.53 48 | P | Pg | 00 55 56.4 +0.5 |
| LAKA | Lakka | 0.53 48 | P | Pg | 00 55 56.4 +0.5 |
| LAKA | Lakka | 0.53 48 | P | Pg | 00 55 56.4 +0.5 |
| LAKA | Lakka | 0.53 48 | P | Pg | 00 55 56.4 +0.5 |
| KFL | Anninata | 0.59 292 | P | Pg | 00 55 50.8 -1.3 |
| KFL | Anninata | 0.59 292 | P | Pg | 00 55 50.8 -1.3 |
| KFL | Anninata | 0.59 292 | P | Pg | 00 55 50.8 -1.3 |
| KFL | Anninata | 0.59 292 | P | Pg | 00 55 50.8 -1.3 |
| EFP | Efpalio | 0.63 32 | ePn | Pg | 00 55 52.2 -0.8 |
| EFP | Efpalio | 0.63 32 | ePn | Pg | 00 55 52.2 -0.8 |
| EFP | Efpalio | 0.63 32 | ePn | Pg | 00 55 52.2 -0.8 |
| EFP | Efpalio | 0.63 32 | ePn | Pg | 00 55 52.2 -0.8 |
| TRIZ | Trizonia | 0.67 44 | P | Pg | 00 55 52.9 -0.8 |
| TRIZ | Trizonia | 0.67 44 | P | Pg | 00 55 52.9 -0.8 |
| TR | | | | | |

Table with columns for station name, frequency, power, and other technical details. Includes stations like ERIK, KZLN, KZNN, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like AANS, KZLN, KZNN, etc.

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

15d 3h

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like KWP, VYHS, VYHN, etc.

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Table with columns for station name, frequency, and various signal quality metrics. Includes stations like VSL, MYKA, PTCC, etc.

626

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like KHC, MOTA, UPC, etc.

15d 3h

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630

Table with columns for station name, frequency, power, and signal strength. Includes stations like PBAR, ARQ, ATD, PMRV, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like PCVE, PCVE, PCVE, EKA, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like GAL1, GAL1, GAL1, GAL1, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like RRRH, RRRH, KONS, APA, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MBAR, Mbarara, FRU, FRU, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MKAR, Makanchi Array, MKAR, MKAR, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KARAD, AKOLA, GOA, URUMQI, DANMARKS HAVN, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LSA, LHASA, CALCUTTA, TALA, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SHELL, LBTB, LOBATSE, FRB, etc.

| | | | | | | | | |
|------|--|----------|-------|----|----|------------|------------|------|
| CLNS | comp=Z,974nm,1.0s,mb6.6 | Chul'man | 64.35 | 37 | eP | P | 03 37 04.9 | -0.2 |
| CLNS | e | e | | | | | 03 37 22.7 | +0.3 |
| CLNS | e | e | | | | | 03 37 33.8 | |
| CLNS | ePPP | e | | | | | 03 39 27.2 | |
| CLNS | eS | S | | | | | 03 45 38.3 | +0.2 |
| CLNS | e | e | | | | | 03 46 43.6 | |
| CLNS | eSSS | | | | | | 03 52 34.1 | |
| CLNS | pmax | pmax | | | | | | |
| CLNS | comp=Z,189nm,1.0s,mb5.9 | | | | | | | |
| CLNS | comp=E,69nm,0.8s | | | | | | | |
| CLNS | comp=N,63nm,1.1s | | | | | | | |
| CLNS | comp=E,58nm,1.0s | | | | | | | |
| CLNS | comp=N,78nm,1.0s | | | | | | | |
| CLNS | comp=Z,51nm,1.0s,mb5.3 | | | | | | | |
| CLNS | comp=E,3um,12.9s | | | | | | | |
| CLNS | comp=N,2um,11.4s | | | | | | | |
| CLNS | comp=Z,12um,22.0s | | | | | | | |
| CLNS | comp=N,8um,19.0s | | | | | | | |
| CLNS | comp=E,6um,21.0s | | | | | | | |
| CM31 | Chiang Mai Arr | 64.35 | 37 | eP | P | 03 37 04.9 | -0.2 | |
| CM31 | Chiang Mai Arr | 64.35 | 85 | eP | P | 03 37 07.9 | +2.1 | |
| CM31 | comp=E,206nm,1.1s,mb5.9 | | | | | | | |
| CMAR | comp=Z,4um,22.0s | 64.35 | 85 | P | P | 03 37 06.0 | +0.3 | |
| CMAR | Chiang Mai Arr | 64.35 | 85 | P | P | 03 37 06.0 | +0.3 | |
| CMAR | comp=Z,31nm,1.0s,mb5.1,baz=300,slow=6.9,SNR=58 | | | | | | | |
| CMAR | comp=Z,0.8nm,0.4s,baz=79,slow=1.1,SNR=6.0 | | | | | | | |
| CMAR | comp=Z,4um,21.9s,baz=291,slow=4.1 | | | | | | | |
| CMAR | Chiang Mai Arr | 64.35 | 85 | P | P | 03 37 06.0 | +0.3 | |
| XAN | Xi'an | 64.56 | 65 | P | P | 03 37 06.8 | -0.1 | |
| XAN | | | | | | 03 37 17.8 | -6.4 | |
| XAN | | | | | | 03 45 37.8 | -3.7 | |
| XAN | comp=N,7um,24.1s | | | | | | | |
| XAN | comp=E,3um,28.4s | | | | | | | |
| XAN | comp=Z,2um,22.1s | | | | | | | |
| HIA | Hailar | 64.95 | 46 | eP | P | 03 37 10.2 | +1.0 | |
| HIA | | | | | | | | |
| HIA | comp=Z,224nm,0.9s | | | | | | | |
| HIA | Hailar | 64.95 | 46 | eP | P | 03 37 10.2 | +0.9 | |
| HIA | comp=Z,224nm,0.9s,mb6.0 | | | | | | | |
| HIA | comp=Z,12um,22.0s | | | | | | | |
| HIA | Hailar | 64.95 | 46 | eP | P | 03 37 10.1 | +0.9 | |
| HIA | comp=Z,224nm,0.9s,mb6.0 | | | | | | | |
| BDT | Bhumibol Dam | 65.03 | 86 | P | P | 03 37 10.0 | -0.2 | |
| BDT | comp=Z,98nm,1.0s,mb5.6 | | | | | | | |
| TIY | Taiyuan | 65.42 | 60 | eP | P | 03 37 15.3 | +2.9 | |
| TIY | | | | | | 03 37 28.3 | -1.4 | |
| TIY | | | | | | 03 45 52.4 | +0.5 | |
| TIY | | | | | | 03 46 20.6 | -0.6 | |
| TIY | comp=Z,1um,5.1s | | | | | | | |
| TIY | comp=N,5um,15.9s | | | | | | | |
| TIY | comp=E,5um,17.9s | | | | | | | |
| TIY | comp=Z,12um,26.0s | | | | | | | |
| PKA | Prieska | 65.42 | 185 | eP | P | 03 37 12.8 | +0.5 | |
| PKA | | | | | | 03 37 15.9 | | |
| GYA | Guiyang | 66.46 | 74 | P | P | 03 37 19.3 | 0.0 | |
| GYA | | | | | | 03 37 38.9 | +2.3 | |
| GYA | | | | | | 03 39 48.9 | +2.8 | |
| GYA | | | | | | 03 41 42.6 | | |
| GYA | | | | | | 03 41 52.8 | | |
| GYA | | | | | | 03 46 04.8 | -0.1 | |
| GYA | | | | | | 03 47 06.3 | | |
| GYA | | | | | | 03 50 25.0 | +2.6 | |
| GYA | comp=Z,100nm,3.4s | | | | | | | |
| GYA | comp=N,6um,16.8s | | | | | | | |
| GYA | comp=E,5um,18.6s | | | | | | | |
| GYA | comp=Z,4um,17.4s | | | | | | | |
| ENH | Enshi | 66.76 | 69 | eP | P | 03 37 23.5 | +2.3 | |
| ENH | Sutherland | 66.25 | 186 | eP | P | 03 37 23.5 | +2.3 | |
| ENH | comp=Z,266nm,1.0s,mb6.0 | | | | | | | |
| ENH | | | | | | 03 46 11.3 | +2.8 | |
| NST | Nakhon Sawan | 66.79 | 87 | P | P | 03 37 22.5 | +1.0 | |
| BJI | Beijing | 66.92 | 57 | P | P | 03 37 22.5 | +0.5 | |
| BJI | | | | | | 03 37 39.8 | +0.4 | |
| BJI | | | | | | 03 37 45.9 | -0.7 | |
| BJI | | | | | | 03 39 51.8 | +2.0 | |
| BJI | | | | | | 03 46 13.3 | +3.2 | |
| BJI | | | | | | 03 46 38.8 | -0.7 | |
| BJI | | | | | | 03 50 25.5 | -3.4 | |
| BJI | comp=N,9um,19.1s | | | | | | | |
| BJI | comp=E,4um,22.9s | | | | | | | |
| BJI | comp=Z,8um,22.9s | | | | | | | |
| BJT | Baijiatou | 66.93 | 57 | eP | P | 03 37 22.5 | +0.5 | |
| BJT | | | | | | | | |
| BJT | comp=Z,191nm,0.8s | | | | | | | |
| BJT | comp=Z,7um,20.0s | | | | | | | |
| BJT | comp=Z,191nm,0.8s,mb6.0 | | | | | | | |
| BJT | comp=Z,7um,20.0s | | | | | | | |
| BJT | Baijiatou | 66.93 | 57 | eP | P | 03 37 22.5 | +0.5 | |
| BJT | comp=Z,7um,20.0s | | | | | | | |
| NNT | Nongplab | 68.14 | 90 | P | P | 03 37 32.2 | +2.1 | |
| SUR | Sutherland | 68.25 | 186 | eP | P | 03 37 31.6 | +1.3 | |
| SUR | comp=Z,500nm,0.8s,mb6.4 | | | | | | | |
| SUR | comp=Z,24um,19.0s | | | | | | | |
| SUR | Sutherland | 68.26 | 186 | P | P | 03 37 31.0 | +0.7 | |
| SUR | comp=Z,4um,0.7s,mb7.3,SNR=27 | | | | | | | |
| SUR | Sutherland | 68.26 | 186 | eP | P | 03 37 31.4 | +1.2 | |
| SUR | | | | | | 03 37 35.8 | | |
| SUR | comp=Z,458nm,0.8s,mb6.4 | | | | | | | |
| SUR | Sutherland | 68.26 | 186 | P | P | 03 37 31.6 | +1.3 | |
| GRM | Grahamstown | 68.89 | 181 | P | P | 03 37 36.8 | +2.6 | |
| GRM | Grahamstown | 68.89 | 181 | eP | P | 03 37 37.1 | +3.0 | |
| GRM | | | | | | 03 37 39.1 | | |
| TIA | Tai'an | 69.43 | 60 | P | P | 03 37 37.9 | +1.0 | |
| TIA | | | | | | 03 46 43.3 | +3.2 | |
| PKME | Peaks-Kenny Pk | 69.96 | 312 | eP | P | 03 37 41.3 | +0.4 | |
| PKME | comp=N,368nm,1.0s,mb6.2 | | | | | | | |
| PKME | comp=Z,9um,21.0s | | | | | | | |
| PKME | Peaks-Kenny Pk | 69.96 | 312 | eP | P | 03 37 41.3 | +0.4 | |
| PKME | comp=Z,368nm,1.0s,mb6.2 | | | | | | | |
| WHN | Wuhan | 70.27 | 66 | IP | P | 03 37 43.3 | +0.2 | |
| WHN | | | | | | 03 37 59.8 | -0.7 | |
| WHN | | | | | | 03 38 06.8 | -1.0 | |
| WHN | | | | | | 03 46 51.8 | +1.7 | |
| WHN | | | | | | 03 47 17.3 | -2.4 | |
| WHN | comp=N,8um,16.3s | | | | | | | |
| WHN | comp=E,9um,15.1s | | | | | | | |
| WHN | | | | | | | | |
| ELIM | Elim | 70.56 | 187 | eP | P | 03 37 46.2 | +1.8 | |
| SNY | Shenyang | 70.91 | 52 | IP | P | 03 37 46.1 | -0.6 | |

| | | | | | | | |
|------|------------------------------------|-------|------------|------|---|------------|------|
| SNY | PP | PP | 03 40 20.4 | -3.8 | | | |
| SNY | S | S | 03 46 57.3 | +0.1 | | | |
| SNY | S | S | | | | | |
| SNY | S | S | | | | | |
| SNY | comp=N,8um,25.7s | LR | LR | | | | |
| SNY | comp=N,8um,25.7s | LR | LR | | | | |
| SNY | comp=E,6um,25.9s | LR | LR | | | | |
| SNY | comp=Z,9um,19.4s | LR | LR | | | | |
| SNY | Changchun | 71.05 | 49 | IP | P | 03 37 47.8 | +0.2 |
| SNY | comp=Z,8um,21.0s | | | | | 03 38 11.0 | -1.3 |
| SNY | comp=Z,8um,21.0s | | | | | 03 40 27.3 | +2.0 |
| SNY | comp=Z,8um,21.0s | | | | | 03 46 59.3 | +0.5 |
| SNY | comp=N,10um,24.0s | LR | LR | | | | |
| SNY | comp=E,7um,24.0s | LR | LR | | | | |
| SNY | comp=Z,8um,21.0s | LR | LR | | | | |
| DL2 | Dalian | 71.15 | 55 | IP | P | 03 37 51.6 | +3.4 |
| DL2 | | | | | | 03 39 14.0 | +1.0 |
| DL2 | | | | | | 03 47 02.5 | +2.5 |
| DL2 | | | | | | 03 47 21.0 | -8.7 |
| DL2 | comp=Z,370nm,3.6s | LR | LR | | | | |
| DL2 | comp=N,3um,24.9s | LR | LR | | | | |
| DL2 | comp=E,1um,26.1s | LR | LR | | | | |
| DL2 | comp=Z,3um,23.9s | LR | LR | | | | |
| TPTI | | 71.43 | 100 | P | P | 03 37 51.3 | +1.0 |
| TPTI | comp=Z,2um,comp=Z,116nm,0.8s,mb5.7 | | | | | | |
| TPTI | comp=Z,2um,comp=Z,116nm,0.8s,mb5.7 | | | | | | |
| KLR | Kul'dur | 71.77 | 42 | IP | P | 03 37 47.8 | -4.0 |
| KLR | | | | | | 03 47 05.0 | -1.8 |
| KLR | | | | | | | |
| KLR | comp=E,130nm,1.4s | | | | | | |
| KLR | comp=Z,250nm,1.4s,mb5.8 | | | | | | |
| KLR | comp=Z,2um,10.5s | | | | | | |
| KLR | comp=N,3um,11.0s | | | | | | |
| KLR | comp=E,4um,11.0s | | | | | | |
| BILL | Bilibino | 71.78 | 15 | IP | P | 03 37 51.4 | -0.1 |
| BILL | | | | | | 03 40 27.9 | |
| BILL | | | | | | 03 47 06.2 | -0.2 |
| BILL | | | | | | 03 52 22.7 | +4.0 |
| BILL | comp=Z,560nm,1.2s,mb6.3 | | | | | | |
| BILL | comp=Z,13um,21.0s | | | | | | |
| BILL | Bilibino | 71.78 | 15 | eP | P | 03 37 51.4 | -0.1 |
| BILL | comp=Z,423nm,1.0s,mb6.2 | | | | | | |
| BILL | | | | | | 03 47 08.0 | +1.7 |
| BILL | comp=Z,8um,21.0s | | | | | | |
| BILL | Bilibino | 71.78 | 15 | eP | P | 03 37 51.4 | -0.1 |
| BILL | comp=Z,423nm,1.0s,mb6.2 | | | | | | |
| BILL | | | | | | 03 47 08.0 | +1.6 |
| BILL | | | | | | 03 37 53.0 | -0.2 |
| BILL | Songkhla | 71.91 | 94 | eP | P | 03 37 53.7 | +0.7 |
| BILL | comp=Z,42nm,0.9s,mb5.3 | | | | | | |
| BILL | Seymchan | 72.02 | 23 | IP | P | 03 37 53.7 | +0.7 |
| BILL | Seymchan | 72.02 | 23 | IP | P | 03 37 53.7 | +0.7 |
| BILL | LBNH | 72.09 | 312 | eP | P | 03 37 54.7 | +0.9 |
| BILL | LBNH | | | | | | |
| BILL | comp=Z,408nm,0.8s,mb6.3 | | | | | | |
| BILL | LBNH | | | | | | |
| BILL | comp=Z,7um,20.0s | | | | | | |
| BILL | LBNH | 72.09 | 312 | eP | P | 03 37 54.7 | +0.9 |
| BILL | comp=Z,408nm,0.8s,mb6.3 | | | | | | |
| BILL | LBNH | | | | | | |
| BILL | comp=Z,7um,20.0s | | | | | | |
| BILL | LBNH | 72.09 | 312 | eP | P | 03 37 54.7 | +0.9 |
| BILL | comp=Z,408nm,0.8s,mb6.3 | | | | | | |
| BILL | LBNH | | | | | | |
| BILL | comp=Z,7um,20.0s | | | | | | |
| BILL | LBNH | 72.09 | 312 | eP | P | 03 37 54.7 | +0.9 |
| BILL | comp=Z,408nm,0.8s,mb6.3 | | | | | | |
| BILL | LBNH | | | | | | |
| BILL | comp=Z,7um,20.0s | | | | | | |
| BILL | LBNH | 72.09 | 312 | eP | P | 03 37 54.7 | +0.9 |
| BILL | comp=Z,408nm,0.8s,mb6.3 | | | | | | |
| BILL | LBNH | | | | | | |
| BILL | comp=Z,7um,20.0s | | | | | | |
| BILL | LBNH | 72.09 | 312 | eP | P | 03 37 54.7 | +0.9 |
| BILL | comp=Z,408nm,0.8s,mb6.3 | | | | | | |
| BILL | LBNH | | | | | | |
| BILL | comp=Z,7um,20.0s | | | | | | |
| BILL | LBNH | 72.09 | 312 | eP | P | 03 37 54.7 | +0.9 |
| BILL | comp=Z,408nm,0.8s,mb6.3 | | | | | | |
| BILL | LBNH | | | | | | |
| BILL | comp=Z,7um,20.0s | | | | | | |
| BILL | LBNH | 72.09 | 312 | eP | P | 03 37 54.7 | +0.9 |
| BILL | comp=Z,408nm,0.8s,mb6.3 | | | | | | |
| BILL | LBNH | | | | | | |
| BILL | comp=Z,7um,20.0s | | | | | | |
| BILL | LBNH | 72.09 | 312 | eP | P | 03 37 54.7 | +0.9 |
| BILL | comp=Z,408nm,0.8s,mb6.3 | | | | | | |
| BILL | LBNH | | | | | | |
| BILL | comp=Z,7um,20.0s | | | | | | |

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like SSLL Suanglung, TPUB Ta-pu, CBN Corbin, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like TRF Thorofare Moun, TRF Thorofare Moun, CNNC Cliffs of the, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like KSM comp=Z,156nm,1.1s,mb5.8, KSM Kuching, ICM Isla Caja Muer, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like 122A, 325A, 1U3A, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like RCTC, 319A, Y13A, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like WRA, WRA, WRA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like PMOR Pomarioro Ree, TIAR Tiarei, PPT Papeete, etc.

NOU 15 03:35:04.4, 1.4, 201.61'S; 168.76'E, h10km, MD2.6, ML4.1
ISCJB 15 03:35:05.4, 3.0, 20.89S; 0.08, 168.63E; 0.07, h18km, 22km,
mb4.7/16, MS3.8/2, Error ellipse: s-maj=16.0km
s-min=7.8km az=144.1
LDG 15 03:35:06.7, 0.3, 20.55S; 168.35E, h10km, Mb5.5/2, Error
ellipse: s-maj=28.5km s-min=5.1km az=130.0
SZGRF 15 03:35:08.3, 21.56S; 169.40E, h39km, Southeast of
Loyalty Islands
IDC 15 03:35:09.1, 0.2, 20.94S; 168.59E, h39km, 6km, mb4.3/10,
mb1.4, 5.1/1, mb1mx4.4/18, mbmt4.3/11, ML4.1/1, MS3.8/3,
Ms1.3/8.3, ms1mx3.4/26, Error ellipse: s-maj=22.4km
s-min=19.4km az=114.0
NEIC 15 03:35:10.0, 0.5, 21.24S; 168.01E, mb4.8/8, Error ellipse:
s-maj=22.8km s-min=13.7km az=161.0
ISC 15 03:35:06.0, 2.9, 20.92S; 0.07, 168.60E; 0.08, h10km, 19km,
h39km, 7km; p-P, n101, o584/38, mb4.7/16, MS3.8/2, 1D,
Loyalty Islands

Main table of station data for the Pacific region, including codes like BAYA, DZM, HNR, ARMA, etc., and station names like Yate Dam, Mont Dzumac, Honiara, etc.

Main table of station data for the Atlantic and Indian Ocean regions, including codes like DPC, DPC, DPC, etc., and station names like Dobruska-Polom, Upice, Panska Ves, etc.

Main table of station data for the Indian Ocean and Southern Ocean regions, including codes like ROCH, ROCH, ROCH, etc., and station names like El Roble, Feidehue, Tololo Astrono, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VAM, BCK, GVD, IZM, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHN3, TPUB, TWK, TWK, etc.

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

JMA 15 03:53:15.9:0.4, 22.46N:121.15E, h0km, M3.8
TAP 15 03:53:18.2:22.49N:121.02E, h10km, ML4.0, B
NEIC 15 03:53:19.8:4.8, 22.67N:121.27E, h10km, MG3.8(JMA),

ISCW 15 03:58:38.2:0.9, 35.47N:10.05:27.56E:0.05, h25km, 7km,
Error ellipse: s-maj=10.0km s-min=5.0km az=145.7
CSEM 15 03:58:38.7:0.4, 35.47N:10.05:27.56E, h20km, MD3.3, Error

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

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

ISC 15 03:58:39.1:0.9, 35.49N:10.05:27.53E:0.05, h22km, 7km,
n49, c096/68, 9C-6D, Dodecanese Islands

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

NEIC 15 03:53:29.3, 37.67S:177.40E, h59km, ML3.8(WEL), After
WEL
WEL 15 03:53:29.1:0.1, 37.68S:177.39E, h64km, 1km, ML3.7/10,

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

DDA 15 04:07:55.6, 35.27N:27.85E, h7km, 5km, M3.0
ISK 15 04:07:58.3, 35.35N:27.63E, h8km, M3.3
ISCJBL 15 04:07:59.0, 35.45N:27.78E:0.04, h9km, 5km,

ATH 15 04:08:03.1, 35.69N, 27.52E, h26km, 1km, MD3.2/5
ISC 15 04:08:00.6, 1.0, 35.48N, 0.05, 27.77E, 0.05, h9km, 6km,
n42, s150/61, Dodecanese Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like Karpathos, Arkhangelos, Datca, Bodrum, etc.

ISK 15 04:14:31.9, 35.63N, 27.45E, h5km, MD3.1
NEIC 15 04:14:33.4, 35.69N, 27.29E, h29km, MD3.2(ATH), After
ATH

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like Karpathos, Arkhangelos, Datca, Bodrum, etc.

ISC 15 04:14:34.6, 0.7, 35.61N, 0.06, 27.35E, 0.06, h23km, 5km,
n39, s095/68, Dodecanese Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like Karpathos, Arkhangelos, Datca, Bodrum, etc.

ISCJB 15 04:20:37.0, 4.0, 35.82N, 0.04, 27.96E, 0.05, h5km, 10km,
Error ellipse: s-maj=8.9km s-min=4.6km az=135.6

ATH 15 04:20:38.6, 35.91N, 27.78E, h44km, 1km, MD3.2/7
DDA 15 04:20:39.0, 36.07N, 28.05E, h28km, 2km, MD3.0
NEIC 15 04:20:38.1, 0.7, 35.91N, 27.78E, h44km, MD3.2(ATH), After
ATH

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like Arkhangelos, Karpathos, Datca, Bodrum, etc.

BUI 15 04:29:02.1, 44.40N, 129.70W, h20km, m5, 1/4, mb4.9/7
IDC 15 04:29:02.3, 1.2, 44.11N, 129.92W, h0km, m3, 9/10,
mb1.4, 0.1/4, mb1mx3.9/26, mbtmp3.8/14, ML3.4/4, Error
ellipse: s-maj=36.1km s-min=13.9km az=37.0

ISCJB 15 04:29:04.0, 1.3, 44.44N, 0.04, 129.63W, 0.05, h13km, 9km,
mb4.3/19, Error ellipse: s-maj=6.3km s-min=6.1km
az=136.7

NEIC 15 04:29:05.1, 0.7, 44.43N, 129.71W, h10km, mb4.1/13,
Error ellipse: s-maj=6.9km s-min=6.3km az=120.0

ISC 15 04:29:05.8, 1.6, 44.42N, 0.04, 129.71W, 0.05,
h18km, 10km, n83, s129/22, mb4.3/19, Off coast of
Oregon

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like Hebo, Kings Mountain, Corvallis, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like Cedar City, Pinedale Array, Lasa Array, etc.

IDC 15 04:41:22.3, 2.4, 22.43S, 148.07E, h0km, mb3.7/2,
mb1.3/7.6, mb1mx3.6/14, mbtmp3.6/6, ML3.5/4, MS3.7/1,
Ms1.3/7.1, ms1mx2.8/25, Error ellipse: s-maj=30.2km
s-min=18.3km az=84.0, Queensland

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like Charters Tower, Kings Mountain, Corvallis, etc.

ISCJB 15 04:45:32.9, 0.7, 35.85N, 0.05, 27.82E, 0.05, h63km, 9km,
Error ellipse: s-maj=9.0km s-min=5.9km az=149.2

DDA 15 04:45:33.9, 36.04N, 27.94E, h25km, 1km, MD2.8
NEIC 15 04:45:33.5, 35.89N, 27.72E, h54km, MD3.1(ATH), After
ATH

ATH 15 04:45:33.5, 35.89N, 27.72E, h54km, 4km, MD3.1/4
CSEM 15 04:45:33.7, 0.3, 35.84N, 27.83E, h55km, 9km, MD3.1,
Error ellipse: s-maj=10.7km s-min=5.9km az=150.0

ISC 15 04:45:33.8, 0.7, 35.85N, 0.05, 27.82E, 0.05, h57km, 11km,
n38, s089/53, Dodecanese Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like Arkhangelos, Karpathos, Datca, Bodrum, etc.

| | | | | | | |
|--------------|--------------------|--------|-------|-------|-----|-----------------|
| SNZO | South Karori | 91.67 | 186 | PFAKE | LR | 05 20 30.0 +7.8 |
| AQU | L'Aquila | 92.10 | 19 | PFAKE | LR | 05 20 30.0 +6.2 |
| LF | La Freziale | 92.48 | 10 eP | P | | 05 20 26.4 +0.9 |
| CAF | Calvaci | 92.63 | 11 eP | P | | 05 20 28.0 +1.9 |
| TIR | Tirane | 92.78 | 24 | PFAKE | LR | 05 20 40.0 +1.3 |
| VLC | Villacollemand | 93.20 | 16 | PFAKE | LR | 05 20 40.0 +1.1 |
| BNI | Bardonecchia | 93.41 | 14 | PFAKE | LR | 05 20 40.0 +1.0 |
| SMF | Signal de Mont | 94.55 | 11 eP | P | | 05 20 36.9 +2.0 |
| AVF | Avril sur Loir | 94.62 | 11 eP | P | | 05 20 36.7 +1.4 |
| TEIG | Tepech | 95.19 | 294 | PFAKE | LR | 05 20 50.0 +1.1 |
| TRI | Trieste | 95.38 | 18 | PFAKE | LR | 05 20 50.0 +1.1 |
| BR131 | Keeskin Array S | 95.89 | 34 | PFAKE | LR | 05 20 50.0 +8.8 |
| BRTR | Keeskin Array B | 95.89 | 34 | P | | 05 20 39.0 -2.2 |
| BRCH | Echery | 96.56 | 13 | PFAKE | LR | 05 20 50.0 +5.9 |
| BFO | Black Forest | 96.86 | 14 | PFAKE | LR | 05 20 50.0 +4.5 |
| DWPF | Disney | 97.06 | 304 | PFAKE | LR | 05 21 00.0 +1.3 |
| WLF | Walferdange | 97.83 | 12 | PFAKE | LR | 05 21 00.0 +1.0 |
| STKA | Stevens Creek | 98.02 | 158 | LR | | 06 04 20.3 |
| KHC | Kasperske Hory | 98.60 | 17 | AMS | AMS | 05 29 20.0 |
| PSZ | Piszkesteto | 98.89 | 22 | PFAKE | LR | 05 21 00.0 +5.4 |
| TREC | Trest | 99.15 | 18 | AMS | AMS | 06 00 10.0 |
| NKC | Novy Kostel | 99.43 | 16 | AMS | AMS | 06 01 40.0 |
| PRU | Pruhoniche | 99.61 | 17 | AMS | AMS | 05 59 50.0 |
| TBI | Tubuai | 99.68 | 220 | eSS | SS | 05 39 26.8 +4.7 |
| MBWA | Marble Bar | 99.69 | 136 | PFAKE | LR | 05 21 10.0 +1.1 |
| PVC | Panska Ves | 100.13 | 17 | AMS | AMS | 06 00 20.0 |
| NHSC | New Hope | 100.20 | 308 | PFAKE | LR | 05 21 10.0 +8.8 |
| OKC | Ostrava-Krasne | 100.25 | 20 | AMS | AMS | 06 04 20.0 |
| DPC | Dobruska-Polom | 100.33 | 18 | AMS | AMS | 06 01 40.0 |
| CLL | Collim | 100.56 | 16 | eSS | LmV | 05 39 47.0 +1.1 |
| CNCC | Cliffs of the Gani | 100.64 | 311 | PFAKE | LR | 05 21 10.0 +6.9 |
| GNI | Garni | 100.87 | 41 | PFAKE | LR | 05 21 10.0 +5.8 |
| KWP | Kalvaria Pacla | 101.19 | 23 | PFAKE | LR | 05 21 10.0 +4.4 |
| GOGA | Godfrey | 102.22 | 306 | PFAKE | LR | 05 21 20.0 +1.0 |
| ESK | Eskdalemuir | 102.42 | 6 | PFAKE | LR | 05 21 20.0 +8.9 |
| BRAL | Brewton | 102.46 | 302 | PFAKE | LR | 05 21 20.0 +8.8 |
| CBN | Corbin | 102.67 | 313 | PFAKE | LR | 05 21 20.0 +7.8 |
| KIV | Kislovodsk | 103.08 | 38 | PFAKE | LR | 05 21 20.0 +6.0 |
| BLA | Blacksburg | 103.46 | 311 | PFAKE | LR | 05 21 30.0 +1.4 |
| LRAL | Lakeview Retre | 103.92 | 304 | PFAKE | LR | 05 21 30.0 +1.2 |
| KIEV | Kiev | 103.97 | 26 | PFAKE | LR | 05 21 30.0 +1.2 |
| PKME | Peaks-Kenny Pk | 104.56 | 323 | PFAKE | LR | 05 21 30.0 +9.4 |
| PPT | Papeete | 104.78 | 223 | eSS | SS | 05 40 41.9 +9.0 |
| SSPA | Standing Stone | 104.80 | 314 | PFAKE | LR | 05 25 50.0 +1.4 |
| LBNH | Lisbon | 104.86 | 320 | PFAKE | LR | 05 25 50.0 +1.4 |
| MCWV | Mont Chateau | 105.02 | 313 | PFAKE | LR | 05 25 50.0 +1.3 |
| BINY | Binghamton | 105.09 | 317 | PFAKE | LR | 05 25 50.0 +1.3 |
| VBMS | Vicksburg | 105.36 | 301 | PFAKE | LR | 05 25 50.0 +1.2 |
| NCB | Newcomb | 105.67 | 319 | PFAKE | LR | 05 25 50.0 +1.2 |
| LONY | Lake Ozonia | 106.33 | 319 | PFAKE | LR | 05 25 50.0 +1.1 |
| OXF | Oxford | 106.36 | 303 | PFAKE | LR | 05 25 50.0 +1.1 |
| KVTX | Kingsville | 106.53 | 293 | PFAKE | LR | 05 25 50.0 +1.0 |
| WVT | Waverly | 106.64 | 305 | PFAKE | LR | 05 25 50.0 +1.0 |
| HKT | Hockley | 106.93 | 296 | PFAKE | LR | 05 25 50.0 +9.4 |
| ERPA | Erie | 106.95 | 314 | PFAKE | LR | 05 25 50.0 +1.0 |
| WRAB | Tennant Creek | 106.96 | 148 | PFAKE | LR | 05 25 50.0 +8.9 |
| ACSO | Alum Creek Sta | 107.05 | 311 | PFAKE | LR | 05 25 50.0 +1.0 |
| WCI | Wyandotte Cave | 107.32 | 308 | PFAKE | LR | 05 25 50.0 +9.0 |

| | | | | | | |
|-------------|----------------|--------|-----|-------|-------|-----------------|
| NATX | Nacogdoches | 107.49 | 298 | PFAKE | LR | 05 25 50.0 +8.4 |
| KONO | Kongsberg | 108.01 | 12 | PFAKE | LR | 05 25 50.0 +8.4 |
| MIAR | Mount Ida | 108.80 | 301 | PFAKE | LR | 05 25 50.0 +6.1 |
| AAM | Ann Arbor | 108.91 | 312 | PFAKE | LR | 05 25 50.0 +6.1 |
| NAOO | NORSAR Array S | 109.34 | 12 | PFAKE | LR | 05 25 50.0 +5.9 |
| KULM | Kulim | 109.72 | 104 | PFAKE | LR | 05 25 50.0 +3.7 |
| JCT | Junction City | 109.76 | 294 | PFAKE | LR | 05 26 00.0 +1.4 |
| OBN | Obninsk | 110.05 | 28 | PFAKE | LR | 05 25 50.0 +4.4 |
| CTAO | Charters Tower | 110.46 | 159 | PFAKE | LR | 05 26 00.0 +1.2 |
| HDIL | Hopedale | 110.61 | 308 | PFAKE | LR | 05 26 00.0 +1.3 |
| DZM | Mont Dzumac | 111.10 | 179 | eSS | SS | 05 42 01.9 +4.6 |
| NIL | Nilore | 111.34 | 63 | PFAKE | LR | 05 26 00.0 +1.1 |
| WMOK | Wichita Mounta | 112.04 | 298 | PFAKE | LR | 05 26 00.0 +1.0 |
| JFWS | Jewell Farm | 112.77 | 309 | PFAKE | LR | 05 26 00.0 +8.9 |
| KSM | Kuching | 113.03 | 115 | PFAKE | LR | 05 26 00.0 +7.4 |
| SCIA | State Center | 113.68 | 307 | PFAKE | LR | 05 26 00.0 +7.1 |
| KSUI | Kansas State U | 113.70 | 302 | PFAKE | LR | 05 26 00.0 +7.0 |
| AMTX | Amarillo | 113.90 | 296 | PFAKE | LR | 05 26 00.0 +6.4 |
| MNTX | Cornudas Mount | 114.11 | 291 | PFAKE | LR | 05 26 00.0 +5.9 |
| COWI | Conover | 114.38 | 312 | PFAKE | LR | 05 26 00.0 +5.9 |
| MSVF | Nonsavu | 114.68 | 191 | PFAKE | LR | 05 26 00.0 +4.3 |
| CBKS | Cedar Bluff | 115.33 | 300 | PFAKE | LR | 05 26 10.0 +1.4 |
| ECSD | EROS Data Cent | 116.76 | 306 | PFAKE | LR | 05 26 10.0 +1.1 |
| EYMN | Ely | 116.82 | 312 | PFAKE | LR | 05 26 10.0 +1.1 |
| ANMO | Albuquerque | 116.91 | 293 | PFAKE | LR | 05 26 10.0 +1.1 |
| AML | Almayashu | 117.22 | 57 | PFAKE | LR | 05 26 10.0 +1.0 |
| EKS2 | Erkin-Say | 117.61 | 56 | PFAKE | LR | 05 26 10.0 +1.0 |
| UCH | Uchtor | 117.75 | 57 | PFAKE | LR | 05 26 10.0 +9.3 |
| TUC | Tucson | 117.98 | 288 | PFAKE | LR | 05 26 10.0 +8.5 |
| AAK | Ala-Archa | 118.00 | 57 | PFAKE | LR | 05 26 10.0 +8.8 |
| CM31 | Chiang Mai Arr | 118.03 | 93 | PFAKE | LR | 05 26 10.0 +8.0 |
| OGNE | Ogallala | 118.05 | 301 | PFAKE | LR | 05 26 10.0 +8.6 |
| CHTO | Chiang Mai | 118.28 | 92 | PFAKE | LR | 05 26 10.0 +7.5 |
| TKM2 | Tokmak 2 | 118.81 | 57 | PFAKE | LR | 05 26 10.0 +7.3 |
| ARU | Arti | 119.11 | 37 | PFAKE | LR | 05 26 10.0 +7.1 |
| AGMN | Agassiz Nation | 119.28 | 311 | PFAKE | LR | 05 26 10.0 +6.5 |
| ISCO | Idaho Springs | 119.46 | 298 | PFAKE | LR | 05 26 10.0 +5.9 |
| MVCO | Mesa Verde | 119.62 | 294 | PFAKE | LR | 05 26 10.0 +5.5 |
| KEV | Kevo | 120.18 | 15 | PFAKE | LR | 05 26 10.0 +5.5 |
| LSA | Lhasa | 120.22 | 78 | PFAKE | LR | 05 26 10.0 +4.1 |
| KKM | Kota Kinabalu | 120.24 | 117 | PFAKE | LR | 05 26 10.0 +3.5 |
| WUAZ | Wupatki | 120.38 | 291 | PFAKE | LR | 05 26 20.0 +1.4 |
| ULM | Lac du Bonnet | 120.50 | 312 | PFAKE | LR | 05 26 20.0 +1.4 |
| PMG | Port Moresby | 120.93 | 157 | PFAKE | LR | 05 26 20.0 +1.2 |
| RSSD | Black Hills | 121.18 | 303 | PFAKE | LR | 05 26 20.0 +1.3 |
| BRVK | Borovoye | 122.22 | 45 | PFAKE | LR | 05 26 20.0 +1.1 |
| BVAR | Borovoye Array | 122.25 | 45 | PKP | PKPdf | 05 26 03.9 -5.1 |
| PFO | Pinyon Flat Ob | 122.49 | 286 | PFAKE | LR | 05 26 20.0 +1.0 |
| MVU | Marysville | 122.74 | 293 | PFAKE | LR | 05 26 20.0 +1.0 |
| HNR | Honiara | 123.30 | 171 | PFAKE | LR | 05 26 20.0 +7.6 |
| FUNA | Funafuti | 123.55 | 194 | PFAKE | LR | 05 26 20.0 +7.1 |
| PDAR | Pinedale Array | 123.62 | 299 | PKP | PKPdf | 05 26 12.2 +0.2 |
| BW06 | Boulder Array | 123.62 | 299 | PFAKE | LR | 05 26 20.0 +8.0 |
| DGMT | Dagmar | 123.82 | 307 | PFAKE | LR | 05 26 20.0 +7.8 |
| LAO | LASA Array | 123.93 | 304 | PFAKE | LR | 05 26 20.0 +7.5 |
| DUG | Dugway | 124.11 | 294 | PFAKE | LR | 05 26 20.0 +7.0 |

| | | | | | | |
|-------------|----------------|--------|-----|-------|-------|-----------------|
| DUG | Hardware Ranch | 124.16 | 296 | LR | LR | 05 26 10.4 -2.7 |
| AHID | Auburn Hatcher | 124.55 | 298 | PFAKE | LR | 05 26 20.0 +6.2 |
| RLMT | Red Lodge | 124.80 | 301 | PFAKE | LR | 05 26 20.0 +5.8 |
| DAC | Darwin (Calif) | 124.85 | 288 | PFAKE | LR | 05 26 20.0 +5.4 |
| TPAW | Teton Pass | 124.87 | 299 | PKP | PKPdf | 05 26 12.4 -2.0 |
| MKAR | Makanchi Array | 124.94 | 57 | PKP | PKPdf | 05 26 12.5 -1.8 |
| KURK | Kurchatov | 125.09 | 51 | PFAKE | LR | 05 26 20.0 +5.5 |
| KMI | Kunming | 125.12 | 90 | PKP | PKPdf | 05 26 12.5 -2.9 |
| LKWW | Lake | 125.15 | 300 | PFAKE | LR | 05 26 20.0 +5.1 |
| N13A | Nendover, West | 125.37 | 294 | PKP | PKPdf | 05 26 13.0 -2.4 |
| TPH | Toponah | 125.62 | 290 | PFAKE | LR | 05 26 30.0 +1.4 |
| QIZ | Qiongzong | 125.81 | 101 | PKP | PKPdf | 05 26 11.9 -5.0 |
| QIZ | Qiongzong | 125.81 | 101 | PKP | PKPdf | 05 28 04.0 -3.6 |
| QIZ | Qiongzong | 125.81 | 101 | PKP | PKPdf | 05 45 02.3 -8.1 |
| ELK | Elko | 125.94 | 294 | PFAKE | LR | 05 26 30.0 +1.3 |
| FFC | Fin Flon | 126.14 | 314 | PFAKE | LR | 05 26 30.0 +1.4 |
| WMQ | Urumqi | 126.46 | 62 | ePKP | PKPdf | 05 26 13.8 -3.6 |
| WMQ | Mina Array Bea | 126.56 | 290 | LR | LR | 05 26 30.0 +1.3 |
| BOZ | Bozeman (W) | 126.47 | 300 | PFAKE | LR | 05 26 30.0 +1.3 |
| DAV | Davao City (W) | 126.56 | 125 | PFAKE | LR | 05 26 30.0 +1.1 |
| NVAR | NVAR | 126.56 | 290 | PKP | PKPdf | 05 26 17.1 -0.6 |
| EGMT | Eagleton | 126.67 | 304 | PFAKE | LR | 05 26 30.0 +1.2 |
| KBS | Kingsbay | 126.68 | 6 | PFAKE | LR | 05 26 30.0 +1.3 |
| DLMT | Dillon | 126.89 | 300 | PKP | PKPdf | 05 26 16.8 -1.4 |
| HLID | Hailey | 127.00 | 297 | PFAKE | LR | 05 26 30.0 +1.2 |
| BMN | Battle Mountai | 127.01 | 292 | PFAKE | LR | 05 26 30.0 +1.1 |
| HRY | Holler Researc | 127.16 | 301 | ePKP | PKPdf | 05 26 21.0 +2.4 |
| SAO | San Andreas Ge | 127.65 | 286 | PFAKE | LR | 05 26 30.0 +1.0 |
| CMB | Columbia Colle | 127.69 | 288 | PFAKE | LR | 05 26 30.0 +1.0 |
| MSO | Missoula | 128.46 | 301 | PFAKE | LR | 05 26 30.0 +8.9 |
| GYA | Guiyang | 128.67 | 91 | Pdf | Pdf | 05 23 02.0 -5.7 |
| WVOR | Wild Horse Val | 129.00 | 294 | PKP | PKPdf | 05 26 20.4 -1.9 |
| MCCM | Marconi Confer | 129.37 | 287 | PFAKE | LR | 05 26 30.0 +6.8 |
| BMO | Blue Mountains | 129.45 | | | | |

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MBWA Marble Bar, KDAK Kodiak Island, BVAR Borovoye Array, etc.

IDC 15 06:30:40.5,3.5,17045:173.44W,h0km,mb4,1/2,mb1 4.3/2,mb1mx3.7/17,mbtmp4,1/2,Err.or ellipse: s-maj=246.0km s-min=25.7km az=151.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalu, AFI 150nm,0.3s,baz=256,slow=20,SNR=46, etc.

CSEM 15 06:31:57.6,0.2,35:50N-27:93E,h2km,MD3.7,Err.or ellipse: s-maj=4.9km s-min=4.4km az=97.0

ISK 15 06:31:58.6,35:60N-27:76E,h2km,ML3.3 ATH 15 06:31:59.4,35:59N-27:86E,h31km,1km,MD3.7/13 NEIC 15 06:31:59.3,35:58N-27:86E,h30km,MD3.7(ATH),After ATH.

DDA 15 06:32:00.4,35:78N-27:97E,h24km,2km,MD3.5,M13.4 HLA 15 06:32:01.7,35:40N-28:07E,h31km,52km,MD3.4,M13.5 ISC 15 06:31:59.6,1.0,35:49N,0.02-27.88E,0.03,h20km,9km,n98,0:1929/123,Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KARP Karpathos, KARP Karpathos, ARG Arkhangelos, etc.

Table with columns: LAST, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LAST Lasithi, LAST Lasithi, ELL Elmal, etc.

ISCJL 15 06:40:28.7,0.5,41:19N,0.03-23.89E,0.03,h8km,6km,Err.or ellipse: s-maj=4.4km s-min=4.2km az=34.9

CSEM 15 06:40:29.2,0.2,41:15N-23:91E,h15km,ML2.7/5,Err.or ellipse: s-maj=3.8km s-min=3.1km az=98.0 THE 15 06:40:29.8,4.1,11N-23:95E,h1km,2km,ML2.7/5,Err.or ellipse: s-maj=2.5km s-min=0.6km az=334.0 SKO 15 06:40:30.4,4.1,17N-23:91E,h0km

ISC 15 06:40:31.2,0.8,41:18N-23:85E,h28km,7km,ML2.1/3 ISC 15 06:40:29.5,0.4,41:16N,0.02-23.91E,0.04,h10km,7km,n22,0:979/42,Greece-Bulgaria border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAVA Kavala, KAVA Kavala, SOH Sokhos, etc.

ISCJL 15 06:47:05.0,0.6,12:87S,0:10:169:5E,0:1,h600km,mb4,0/16,Err.or ellipse: s-maj=15.1km s-min=12.5km

IDC 15 06:47:08.2,2.4,12:88S,169:41E,h620km,30km,mb3,3/11,mb1 3.5/11,mb1mx3.4/18,mbtmp3,3/11,Err.or ellipse: s-maj=20.4km s-min=18.4km az=26.0

NEIC 15 06:47:09.5,4.0,12:96S,169:39E,h646km,53km,mb4,3/8,Err.or ellipse: s-maj=27.8km s-min=13.7km az=199.0 ISC 15 06:47:06.3,0.6,12:84S,0:10:169:4E,0:1,h600km,n32,0:975/21,mb4,0/16,Santa Cruz Islands region

Table with columns: URZ Urewera, URZ Urewera, SNZO South Island, etc. Includes station names and coordinates.

MOS 15 06:47:36.6,0.9,86:81N-62:52E,h10km,mb5,0/46,MS4,0/5,Err.or ellipse: s-maj=89.9km s-min=4.7km az=89.7

BUI 15 06:47:36.6,0.8,86:80N-62:10E,h20km,mb5,0/22,mb4,7/32,MS4,5/22,MS7,4/4/24

KBEI 15 06:47:36.6,0.1,86:79N-62:85E,h2km,mb4,7/25,Err.or ellipse: s-maj=5.9km s-min=3.8km az=121.0

ISCJL 15 06:47:36.6,1.2,86:83N,0:02:61.7E,0:6,h10km,7km,mb4,7/143,MS4,2/21,Err.or ellipse: s-maj=5.3km s-min=2.8km az=3.0

IDC 15 06:47:36.9,0.4,86:85N,65:31E,h0km,mb4,2/25,mb1 4.3/26,mb1mx4.3/30,mbtmp4,2/26,ML3.5/1,MS4,1/9,MS4,1/9,ms1mx3.6/35,Err.or ellipse: s-maj=14.2km s-min=9.6km az=91.0

NEIC 15 06:47:38.7,0.1,86:82N-62:15E,h10km,mb4,9/106,Err.or ellipse: s-maj=4.6km s-min=2.6km az=107.0

ISC 15 06:47:38.3,1.4,86:81N,0:02:62.0E,0.6,h8km,6km,h14km,1.2km,p-P,n671,d073/684,mb4,7/143,MS4,2/21,165C-147D,North of Franz Josef Land

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KBS Kingsbay, KBS Kingsbay, SPITS Spitsbergen A, etc.

Table with columns for race name, distance, time, and various codes. Includes entries like APA, MORB, BILL, KAF, COL, FINES, NOA, DAWY, TRF, PPLA, MENT, ARU, YKA, YCA, RCO1, OBN, ZALV, BRVK, BVAR, DLBC, KDAK, OHAK, VSR, MOY.

Table with columns for race name, distance, time, and various codes. Includes entries like VRHR, KURK, AKASG, KIEV, CLC, SCH, PETK, OJ, ABK, KWP, FFC, KLR, BUR, FLN, ULN, SON, EDM, LDF, MK31, MKAR, GRR, ROSF, SGFM, QUIL, LOR, AVF, MFF, TCF, YSS.

Table with columns for race name, distance, time, and various codes. Includes entries like YSS, ULM, WMQ, MAK, TKM, KIV, WMO, AKK, MDJ, UCH, DGMT, AGMN, B16A, B18A, B15A, B17A, NEW, NEW, NEW, EGMT, YBMT, BSMT, C11A, C16A, C15A, C14A, JTMT, C13A, GNW, GNV, SWMT, SLMT, D05A, D17A, D13A, D14A, D12A, D15A, D16A, CHMT, MSO, LON.

| | | | | | | |
|------|----------------|----------|-----|----|------------|------|
| ELBA | Catalca | 1.08 44 | iP | Pg | 09 20 09.6 | -0.7 |
| ELBA | Catalca | 1.08 44 | iS | Sg | 09 20 23.9 | -0.4 |
| ELBA | Catalca | 1.08 44 | iP | Pg | 09 20 09.6 | -0.7 |
| ELBA | Catalca | 1.08 44 | iS | Sg | 09 20 23.9 | -0.4 |
| ARMT | Armutlu | 1.11 80 | ePN | Pn | 09 20 10.2 | -0.6 |
| ARMT | Armutlu | 1.11 80 | ePN | Pn | 09 20 10.2 | -0.6 |
| MDNY | Mudanya-Bursa | 1.11 90 | ePN | Pn | 09 20 10.0 | -0.9 |
| MDNY | Mudanya-Bursa | 1.11 90 | ePN | Pn | 09 20 10.0 | -0.9 |
| DURS | Dursunbey | 1.12 134 | iP | Pg | 09 20 10.1 | -0.9 |
| DURS | Dursunbey | 1.12 134 | iP | Pg | 09 20 10.1 | -0.9 |
| DURS | Dursunbey | 1.12 134 | iS | Sg | 09 20 10.1 | -0.9 |
| DURS | Dursunbey | 1.12 134 | iS | Sg | 09 20 10.1 | -0.9 |
| ALN | Alexandroupoli | 1.17 297 | eP | Pb | 09 20 11.5 | -0.6 |
| ALN | Alexandroupoli | 1.17 297 | eS | Sb | 09 20 27.3 | 0.0 |
| ALN | Alexandroupoli | 1.17 297 | eP | Pb | 09 20 11.5 | -0.6 |
| ALN | Alexandroupoli | 1.17 297 | eS | Sb | 09 20 27.3 | 0.0 |
| ALN | Alexandroupoli | 1.17 297 | iS | Sg | 09 20 27.4 | +0.1 |
| ALN | Alexandroupoli | 1.17 297 | eP | Pb | 09 20 11.5 | -0.6 |
| ALN | Alexandroupoli | 1.17 297 | eS | Sb | 09 20 27.3 | 0.0 |
| GADA | Gvkigeada | 1.19 262 | ePN | Pn | 09 20 11.6 | -0.8 |
| GADA | Gvkigeada | 1.19 262 | ePN | Pn | 09 20 11.6 | -0.8 |
| CTKS | Kestanelik-??a | 1.19 43 | ePN | Pn | 09 20 11.4 | -1.0 |
| CTKS | Kestanelik-??a | 1.19 43 | ePN | Pn | 09 20 11.4 | -1.0 |
| AYVA | Ayvalik | 1.21 208 | iP | Pb | 09 20 12.0 | -0.7 |
| AYVA | Ayvalik | 1.21 208 | iS | Sb | 09 20 29.2 | +0.8 |
| AYVA | Ayvalik | 1.21 208 | iP | Pb | 09 20 12.0 | -0.7 |
| AYVA | Ayvalik | 1.21 208 | iS | Sb | 09 20 29.2 | +0.8 |
| CTYL | Yal??k??y-??at | 1.28 30 | ePN | Pn | 09 20 12.7 | -1.0 |
| CTYL | Yal??k??y-??at | 1.28 30 | ePN | Pn | 09 20 12.7 | -1.0 |
| BGKT | Bogazkoy | 1.30 51 | ePN | Pn | 09 20 12.9 | -1.1 |
| BGKT | Bogazkoy | 1.30 51 | ePN | Pn | 09 20 12.9 | -1.1 |
| ULDT | Uludag | 1.33 100 | iP | Pn | 09 20 13.5 | -0.8 |
| ULDT | Uludag | 1.33 100 | iP | Pn | 09 20 13.5 | -0.8 |
| ULDT | Uludag | 1.33 100 | iS | Sb | 09 20 31.9 | +0.1 |
| GEMT | Gemlik | 1.34 87 | ePN | Pn | 09 20 14.9 | +0.3 |
| GEMT | Gemlik | 1.34 87 | ePN | Pn | 09 20 14.9 | +0.3 |
| ISK | Istanbul-Kandi | 1.42 60 | ePN | Pn | 09 20 13.8 | -1.8 |
| ISK | Istanbul-Kandi | 1.42 60 | ePN | Pn | 09 20 13.8 | -1.8 |
| PRK | Paraskevi | 1.44 219 | eP | Sn | 09 20 15.2 | -0.7 |
| PRK | Paraskevi | 1.44 219 | eS | Sb | 09 20 34.4 | -0.5 |
| PRK | Paraskevi | 1.44 219 | eP | Sn | 09 20 15.2 | -0.7 |
| PRK | Paraskevi | 1.44 219 | eS | Sb | 09 20 34.4 | -0.5 |
| YLV | Yalova | 1.50 82 | ePN | Pn | 09 20 17.2 | +0.6 |
| YLV | Yalova | 1.50 82 | ePN | Pn | 09 20 17.2 | +0.6 |
| KLYT | Kilyos | 1.51 54 | ePN | Pn | 09 20 15.8 | -1.0 |
| KLYT | Kilyos | 1.51 54 | ePN | Pn | 09 20 15.8 | -1.0 |
| AKS | Akhisar | 1.52 169 | ePN | Pn | 09 20 16.6 | -0.5 |
| AKS | Akhisar | 1.52 169 | ePN | Pn | 09 20 16.6 | -0.5 |
| AKHS | Akhisar | 1.52 169 | iP | Pn | 09 20 16.3 | -0.8 |
| AKHS | Akhisar | 1.52 169 | iS | Sb | 09 20 36.5 | -0.6 |
| EDRB | Edirne | 1.56 341 | ePN | Pn | 09 20 17.7 | +0.1 |
| EDRB | Edirne | 1.56 341 | ePN | Pn | 09 20 17.7 | +0.1 |
| RDO | Rodhopi | 1.63 299 | eP | Pn | 09 20 18.3 | -0.2 |
| RDO | Rodhopi | 1.63 299 | eP | Pn | 09 20 18.3 | -0.2 |
| RDO | Rodhopi | 1.63 299 | eP | Pn | 09 20 18.3 | -0.2 |
| RDO | Rodhopi | 1.63 299 | eP | Pn | 09 20 18.3 | -0.2 |
| DEMI | Demirci | 1.66 143 | iP | Pn | 09 20 18.7 | -0.3 |
| DEMI | Demirci | 1.66 143 | iS | Sb | 09 20 40.8 | +0.4 |
| DEMI | Demirci | 1.66 143 | iP | Pn | 09 20 18.7 | -0.3 |
| DEMI | Demirci | 1.66 143 | iS | Sb | 09 20 40.8 | +0.4 |
| SIGR | SIGRI | 1.68 227 | P | Sn | 09 20 18.4 | -0.8 |
| SIGR | SIGRI | 1.68 227 | P | Sn | 09 20 18.4 | -0.8 |
| SIGR | SIGRI | 1.68 227 | S | Sb | 09 20 41.4 | +0.5 |
| SIGR | SIGRI | 1.68 227 | S | Sb | 09 20 41.4 | +0.5 |
| HRT | Hereke | 1.76 75 | ePN | Pn | 09 20 19.2 | -1.1 |
| HRT | Hereke | 1.76 75 | ePN | Pn | 09 20 19.2 | -1.1 |
| ADVT | Abdulvahap | 1.77 87 | ePN | Pn | 09 20 20.7 | +0.3 |
| ADVT | Abdulvahap | 1.77 87 | ePN | Pn | 09 20 20.7 | +0.3 |
| LIA | Limnos Island | 1.79 255 | eP | Pn | 09 20 20.8 | +0.1 |
| LIA | Limnos Island | 1.79 255 | eP | Pn | 09 20 20.8 | +0.1 |
| LIA | Limnos Island | 1.79 255 | eP | Pn | 09 20 21.3 | +0.6 |
| LIA | Limnos Island | 1.79 255 | eP | Pn | 09 20 21.3 | +0.6 |
| LIA | Limnos Island | 1.79 255 | eP | Pn | 09 20 45.2 | +1.7 |
| LIA | Limnos Island | 1.79 255 | eP | Pn | 09 20 45.2 | +1.7 |
| SILT | Sile | 1.85 65 | ePN | Pn | 09 20 45.2 | +1.7 |
| SILT | Sile | 1.85 65 | ePN | Pn | 09 20 45.2 | +1.7 |
| CAVI | Cavuskoj | 1.85 95 | ePN | Pn | 09 20 21.8 | +0.2 |
| CAVI | Cavuskoj | 1.85 95 | ePN | Pn | 09 20 21.8 | +0.2 |
| IZM | Izmir | 1.98 184 | ePN | Pn | 09 20 23.7 | +0.4 |
| IZM | Izmir | 1.98 184 | ePN | Pn | 09 20 23.7 | +0.4 |
| DEM | Kurdzhali | 1.98 311 | P | Pg | 09 20 27.1 | -0.5 |
| DEM | Kurdzhali | 1.98 311 | P | Pg | 09 20 27.1 | -0.5 |
| KDZ | Kurdzhali | 1.98 311 | P | Pg | 09 20 23.4 | 0.0 |
| KDZ | Kurdzhali | 1.98 311 | P | Pg | 09 20 23.4 | 0.0 |
| BLCB | Balcova | 2.01 189 | ePN | Pn | 09 20 24.5 | +0.7 |
| BLCB | Balcova | 2.01 189 | ePN | Pn | 09 20 24.5 | +0.7 |
| BLCB | Balcova | 2.01 189 | ePN | Pn | 09 20 23.1 | -0.7 |
| BLCB | Balcova | 2.01 189 | ePN | Pn | 09 20 23.1 | -0.7 |
| BLCB | Balcova | 2.01 189 | ePN | Pn | 09 20 24.5 | +0.7 |
| GDZ | Gediz | 2.04 128 | iP | Pn | 09 20 24.0 | -0.2 |
| GDZ | Gediz | 2.04 128 | iP | Pn | 09 20 24.0 | -0.2 |
| GDZ | Gediz | 2.04 128 | iS | Sb | 09 20 52.8 | +3.1 |
| GDZ | Gediz | 2.04 128 | iS | Sb | 09 20 52.8 | +3.1 |
| KULA | Kula-Manisa | 2.09 152 | ePN | Pn | 09 20 24.6 | -0.3 |
| KULA | Kula-Manisa | 2.09 152 | ePN | Pn | 09 20 24.6 | -0.3 |
| URLA | Izmir | 2.11 198 | iP | Pn | 09 20 24.1 | -1.1 |
| URLA | Izmir | 2.11 198 | iP | Pn | 09 20 24.1 | -1.1 |
| JMB | Yambol | 2.18 343 | P | Sn | 09 20 26.3 | +0.2 |
| JMB | Yambol | 2.18 343 | P | Sn | 09 20 26.3 | +0.2 |
| JMB | Yambol | 2.18 343 | S | Sb | 09 20 55.1 | +1.8 |
| JMB | Yambol | 2.18 343 | S | Sb | 09 20 55.1 | +1.8 |
| JMB | Yambol | 2.18 343 | P | Sn | 09 20 27.0 | +0.9 |
| JMB | Yambol | 2.18 343 | P | Sn | 09 20 27.0 | +0.9 |
| DIM | Dimitrovgrad | 2.20 320 | P | Pg | 09 20 25.1 | +1.8 |
| DIM | Dimitrovgrad | 2.20 320 | P | Pg | 09 20 25.1 | +1.8 |
| DIM | Dimitrovgrad | 2.20 320 | Pg | Pn | 09 20 30.4 | -1.3 |
| DIM | Dimitrovgrad | 2.20 320 | Pg | Pn | 09 20 30.4 | -1.3 |
| GPA | Golpazari | 2.20 91 | ePN | Pn | 09 20 26.8 | +0.4 |
| GPA | Golpazari | 2.20 91 | ePN | Pn | 09 20 26.8 | +0.4 |
| SPNC | Sapanca-Adapaz | 2.22 81 | ePN | Pn | 09 20 26.8 | +0.2 |
| SPNC | Sapanca-Adapaz | 2.22 81 | ePN | Pn | 09 20 26.8 | +0.2 |
| CHOS | Chios Island | 2.25 209 | eP | Pn | 09 20 26.1 | -1.0 |
| CHOS | Chios Island | 2.25 209 | eP | Pn | 09 20 26.3 | -0.8 |
| CHOS | Chios Island | 2.25 209 | S | Sb | 09 20 56.7 | +1.6 |
| CHOS | Chios Island | 2.25 209 | S | Sb | 09 20 56.7 | +1.6 |
| KAVA | Kavala | 2.30 287 | P | Sn | 09 20 27.3 | -0.5 |
| KAVA | Kavala | 2.30 287 | P | Sn | 09 20 27.3 | -0.5 |
| KAVA | Kavala | 2.30 287 | S | Sb | 09 20 53.5 | -2.8 |
| KAVA | Kavala | 2.30 287 | S | Sb | 09 20 53.5 | -2.8 |
| GULT | Gulveren | 2.36 88 | ePN | Pn | 09 20 29.4 | +0.9 |
| GULT | Gulveren | 2.36 88 | ePN | Pn | 09 20 29.4 | +0.9 |
| BORA | Eskisehir | 2.37 101 | iP | Pn | 09 20 28.3 | -0.4 |
| BORA | Eskisehir | 2.37 101 | iS | Sb | 09 21 05.9 | +7.9 |
| BORA | Eskisehir | 2.37 101 | iP | Pn | 09 20 28.3 | -0.4 |
| BORA | Eskisehir | 2.37 101 | iS | Sb | 09 21 05.9 | +7.9 |
| RZN | Rozhen | 2.44 303 | iP | Pn | 09 20 29.7 | +0.1 |
| RZN | Rozhen | 2.44 303 | iP | Pn | 09 20 29.7 | +0.1 |
| ALT | Altintas | 2.45 122 | ePN | Pn | 09 20 30.6 | +0.7 |
| ALT | Altintas | 2.45 122 | ePN | Pn | 09 20 30.6 | +0.7 |
| KHAL | Karahalli | 2.56 141 | iP | Pn | 09 20 31.4 | +0.1 |
| KHAL | Karahalli | 2.56 141 | iS | Sb | 09 21 08.2 | +5.5 |
| KHAL | Karahalli | 2.56 141 | iP | Pn | 09 20 31.4 | +0.1 |
| KHAL | Karahalli | 2.56 141 | iS | Sb | 09 21 08.2 | +5.5 |
| KHL | Karahalli | 2.62 141 | ePN | Pn | 09 20 32.5 | +0.4 |
| KHL | Karahalli | 2.62 141 | ePN | Pn | 09 20 32.5 | +0.4 |
| OUR | Ouranopolis | 2.63 270 | P | Pn | 09 20 31.1 | -1.2 |
| OUR | Ouranopolis | 2.63 270 | P | Pn | 09 20 31.1 | -1.2 |
| OUR | Ouranopolis | 2.63 270 | S | Sb | 09 21 05.1 | +0.6 |
| OUR | Ouranopolis | 2.63 270 | S | Sb | 09 21 05.1 | +0.6 |
| HENT | Hendek | 2.68 79 | iP | Pn | 09 20 31.8 | -1.2 |
| HENT | Hendek | 2.68 79 | iP | Pn | 09 20 31.8 | -1.2 |
| PLD | Plovdiv | 2.69 311 | P | Pn | 09 20 33.0 | 0.0 |
| PLD | Plovdiv | 2.69 311 | P | Pn | 09 20 33.0 | 0.0 |
| PLD | Plovdiv | 2.69 311 | iP | Pn | 09 20 33.0 | 0.0 |
| PLD | Plovdiv | 2.69 311 | iP | Pn | 09 20 33.0 | 0.0 |
| AYDN | Tasoluk | 2.73 172 | iP | Pn | 09 20 32.8 | -0.9 |
| AYDN | Tasoluk | 2.73 172 | iS | Sb | 09 21 02.8 | -4.2 |
| AYDN | Tasoluk | 2.73 172 | iP | Pn | 09 20 32.8 | -0.9 |
| AYDN | Tasoluk | 2.73 172 | iS | Sb | 09 21 02.8 | -4.2 |

| | | | | | | |
|------|-------------|----------|-----|----|------------|------|
| ESKT | Eskisehir | 2.77 107 | ePN | Pn | 09 20 35.1 | +1.0 |
| ESKT | Eskisehir | 2.77 107 | ePN | Pn | 09 20 35.1 | +1.0 |
| PRD | Provadia | 2.82 360 | P | Pn | 09 20 35.4 | +0.5 |
| PRD | Provadia | 2.82 360 | P | Pn | 09 20 35.4 | +0.5 |
| NVR | Nevrokopi | 2.88 291 | eP | Pn | 09 20 35.1 | -0.5 |
| NVR | Nevrokopi | 2.88 291 | eP | Pn | 09 20 35.1 | -0.5 |
| NVR | Nevrokopi | 2.88 291 | eP | Pn | 09 20 35.1 | -0.5 |
| NVR | Nevrokopi | 2.88 291 | eP | Pn | 09 20 35.1 | -0.5 |
| MDU | Mudurnu | 2.89 87 | ePN | Pn | 09 20 36.2 | +0.4 |
| MDU | Mudurnu | 2.89 87 | ePN | Pn | 09 20 36.2 | +0.4 |
| DNZL | Cakroluk | 2.96 154 | iP | Pn | 09 20 38.0 | +1.1 |
| DNZL | Cakroluk | 2.96 154 | iP | Pn | 09 20 38.0 | +1.1 |
| AOS | Alonnisos | 2.99 247 | P | Sn | 09 21 14.0 | +0.8 |
| AOS | Alonnisos | 2.99 247 | P | Sn | 09 21 14.0 | +0.8 |
| AOS | Alonnisos | 2.99 247 | S | Sb | 09 20 37.6 | +0.4 |
| AOS | Alonnisos | 2.99 247 | S | Sb | 09 21 14.0 | +0.8 |
| AOS | Alonnisos | 2.99 247 | P | Sn | 09 20 37.6 | +0.4 |
| AOS | Alonnisos | 2.99 247 | P | Sn | 09 21 14.0 | +0.8 |
| SHUT | Suhut-Afyon | 3.03 126 | ePN | Pn | 09 20 37.6 | +0.4 |
| SHUT | Suhut-Afyon | 3.03 126 | ePN | Pn | 09 20 37.6 | +0.4 |
| SHUT | Suhut-Afyon | 3.03 126 | ePN | Pn | 09 20 38.1 | +0.4 |
| SHUT | Suhut-Afyon | 3.03 126 | ePN | Pn | 09 20 38.1 | +0.4 |
| PLG | Polygyros | 3.04 271 | eP | Pn | 09 20 37.2 | -0.7 |
| PLG | Polygyros | 3.04 271 | eP | Pn | 09 20 37.2 | -0.7 |
| PLG | Polygyros | 3.04 271 | eP | Pn | 09 20 37.2 | -0.7 |
| PLG | Polygyros | 3.04 271 | eP | Pn | 09 20 37.2 | -0.7 |
| PLG | Polygyros | 3.04 271 | eP | Pn | 09 20 37.4 | -0.5 |
| PLG | Polygyros | 3.04 271 | eP | Pn | 09 20 37.4 | -0.5 |
| MMB | Musomiste | 3.05 295 | iP | Pn | 09 20 37.7 | -0.4 |
| MMB | Musomiste | 3.05 295 | iP | Pn | 09 20 37.7 | -0.4 |
| SZH | Strazhica | 3.10 339 | P | Pn | 09 20 38.7 | 0.0 |
| SZH | Strazhica | 3.10 339 | P | Pn | 09 20 38.7 | 0.0 |
| SZH | Strazhica | 3.10 339 | | | | |

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes JMA 15 09:47:32.0, 0.2, 31.72N, 140.71E, h57km, M3.6, Southeast of Honshu.

DJA 15 10:32:22 17:80S, 173:62W, h29km, mb5.6/9
ISCJB 15 10:31:19.8, 0.6, 17:18S, 0:05, 177:31W, 0.04,
h365km, 6km, mb4.7/61, Error ellipse: s-maj=9.3km

NEIC 15 10:33:20.4, 0.9, 17:15S, 177:24W, h363km, 8km, mb4.7/34,
Error ellipse: s-maj=13.9km s-min=7.6km az=145.0,
IDC 15 10:33:21.5, 1.4, 17:26S, 177:21W, h377km, 1.3km,
mb4.2/14, mb1.4, 4.1/15, mb1mx4.4/18, mbmtq4.3/15, Error
ellipse: s-maj=16.0km s-min=9.7km az=144.0

SZGRF 15 10:33:26.2, 16:63S, 177:19W, h33km, Fiji Islands region
ISC 15 10:33:20.9, 0.7, 17:20S, 0:05, 177:27W, 0.04,
h364km, 6km, h387km, 1.8km, pp-P, n309, 0977/180,
mb4.7/61, 52C-64D, Fiji Islands region

Main table of seismic stations with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists stations like Nonsavu, Afiamalu, Raoul Island, etc.

Main table of seismic stations with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists stations like NVAR, MDJ, MDJ, etc.

Main table of seismic stations with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists stations like TXAR, DLBC, ENH, etc.

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

ISCJB 15 10:35:43.0.4.35.46N.0.02:119.11W.0.03.h26km,3km, Error ellipse: s-maj=3.7km s-min=3.0km az=165.2

NEIC 15 10:35:44.0.35.49N.119.11W.h24km,ML3.1(PAS),After PAS.

ISC 15 10:35:43.7.0.6.35.45N.0.02:119.13W.0.03.h17km,3km,n48.0.06673.28C.25Z, Central California

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RCTC, OSI, EDW2, etc.

ISC 15 10:49:50.6.2.1.6.89S.128.78E.h0km,mb3.6/1, mb1.3.8/4,mb1x3.6/18,mbtmp3.6/4,ML3.6/3, Error ellipse: s-maj=97.8km s-min=27.3km az=75.0

NEIC 15 10:50:04.6.3.7.45S.128.73E.h127km,mb4.7/2, Error ellipse: s-maj=34.5km s-min=28.3km az=71.0

ISCJB 15 10:50:08.0.3.7.7.8S.0.2:128.4E.0.2,h194km,45km, mb3.6/2, Error ellipse: s-maj=35.7km s-min=18.9km az=135.7

ISC 15 10:50:09.2.4.2.7.8S.0.2:128.4E.0.2,h188km,52km,n8, 0.08912,mb3.7/2,Banda Sea

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

GCMT 15 10:53:43.0.0.0.89N.26.01W,h25km,1km,MW4.8, Moment Tensor Solution, s18.c23. s66.c86; Moment tensor: Scale 10^16Nm, Mrr=0.30c.12; Mw=0.74c.13; Mw=0.44c.12; Mw=0.30c.22; Mw=0.21c.10; Mw=0.27c.23; Best double couple: Mo2.30000c.1016 NP1.30c.262.00000c.1, 873.00000c.1, 175.00000c.1. NP2.30c.353.00000c.1, 885.00000c.1, 7.000000c.1. Principal axes: T 2.4900, Pz 4.9000, Azm218.0000c.0, N -0.3500, Plg82.0000c.0, Azm31.0000c.0 -2.1400, Plg1.0000c.0, Azm127.0000c.0; Data Used: IU00/IC CN G.

ISC 15 10:53:39.9.0.7.0.9N.0.3:26.0W.0.1,h10km,n27, 0.0313,mb4.1/11,MS3.7/18,Central Mid-Atlantic Ridge

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

MAN 15 11:37:34,1175N:124.23E,h17km,mb4.5,ML3.3,MS3.2, 1D,Loyte

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

ISC 15 11:33:56.7.2.5.123N.88.82W,h0km,mb3.7/6, mb1.4/0.9,mb1mx3.8/23,mbtmp3.7/9,ML3.8/2,MS2.8/2, Ms1.2.8.2,ms1mx2.4/32, Error ellipse: s-maj=54.9km

CASC 15 11:33:57.4.3.6.12.02N.89.33W,h54km,242km,MD3.9, ML3.8,mb4.2(NEIC)

NEIC 15 11:33:59.2.1.5.12.02N.89.17W,h46km,13km,mb4.2/5, Error ellipse: s-maj=22.0km s-min=12.6km az=210.0

ISC 15 11:33:56.7.1.7.12.11N.0.06:89.27W.0.04,h12km,12km,n39.0.09951,mb4.0/10,1C,Off coast of central America

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

15d 12h

Table with columns: TEIG, JCT, TXAR, GOGA, OXF, MIAR, TKL, SADO, PDAR, REDW, NVAR, YKA. Includes station names, coordinates, and time/res data.

ISCJB 15 11:59:23.1+0.6, 23.03S; 04:68:51W; 0.07, h95km, 6km, mb3.7/5, Error ellipse: s-maj=10.7km s-min=6.4km az=4.5

ISC 15 11:59:24.0+0.2, 23.03S; 04:68:53W; 0.08, h87km, 6km, n26, c16/34, mb3.7/5, 4C-5D, Northern Chile

Main table for station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like Plate Boundary, Los Morros, Mejillones, etc.

KRSC 15 12:03:19.9+1.7, 51.58N; 153.38E, h469km, 59km, ML4.5, BUJ 15 12:03:21.6+5.2, 26N, 152.73E, h413km, mb4.3/4, mb4.3/4

Table with columns: ALID, MIPR, SKR, SKR, SKR, SKR, SKR, SKR, SKR. Lists stations like Alaid, Malaya Ipe/ka, Severo-Kuril's, etc.

2008 JUL

Main table for station data (continued) with columns: PET, PET, AVH, KMNR, SRDR, MKZ, MKY, KLY, KBTR, KBTFR, YSS, YSS, ASAJ, ASAJ, ERM, ERM, MAJO, MAJO, MJAR, KSRK, KSRK, SONM, KDKA, INK, INK, INK, INK, RES, YKA, YKA, BVAR, AAK, CMAR, RAMN, KKN, PKI, PKI, DMN, GKN, FINES, AKASE, TXAR, ASAR. Includes station names, coordinates, and time/res data.

ISCJB 15 12:07:11.6+0.7, 13.70N; 01:144.7E; 0.2, h130km, 5km, mb3.6/13, Error ellipse: s-maj=27.7km s-min=22.0km az=145.1

IDC 15 12:07:12.0+0.7, 13.70N; 01:144.95E, h123km, 5km, mb3.4/9, mb1.3/6.9, mb1mx3.5/22, mbtmp3.4/9, Error ellipse: s-maj=31.9km s-min=21.4km az=80.0

NEIC 15 12:07:12.6+0.9, 13.67N; 01:144.86E, h131km, 8km, mb4.0/4, Error ellipse: s-maj=22.1km s-min=19.4km az=69.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Guam, GUMO, GUMO, GUMO, GUMO, etc.

ISC 15 12:07:12.6+0.7, 13.70N; 01:144.7E; 0.2, h127km, 6km, n20, c078/21, mb3.7/13, Mariana Islands

Table with columns: WRA, ASAR, FITZ, STKA, WRA, ASAR, FITZ, STKA. Lists stations like Warramunga Arr, Alice Springs, Fitzroy Cross, etc.

NEIC 15 12:37:00.35, 50N, 139.00E, h40km, Mw3.9 Best double couple: Mg9.17000x1014 NP1.0e23.00000, 873.00000,

656

1.68.00000°, NP2.0e257.00000°, 828.00000°, 1.141.00000°, ISCJB 15 12:37:13.9+0.4, 35.50N; 0.03, 135.99E; 0.05, h32km, 3km, mb3.9/18, Error ellipse: s-maj=7.0km s-min=4.3km az=176.7

JMA 15 12:37:14.9, 35:53N; 138:98E, h21km, 1km, M4.1 Broadband fault plane solution: P waves. NP1: 0.232.00000°, 838.00000°, 1.97.00000°. NP2: 0.43.00000°, 852.00000°, 1.85.00000°. Principal axes: T P1g82.00000°, Azm284.00000°; N P1g4.00000°, Azm46.00000°; P P1g7.00000°, Azm137.00000°

JMA 15 12:37:14.5, 0.5, 35:51N; 138:90E, h24km, 3km, mb3.7/15, IDC 15 12:37:14.7+0.4, 35.51N; 0.03, 135.99E; 0.05, h24km, 3km, n37, c087/47, mb3.9/18, 3C-5D, Eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like JOD2, JOD2, JYN, JYN, JYU, JYU, etc.

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, El, Pn, Res, and various station identifiers like KARP, DAT, TURUNC, etc.

Table with columns: Code, Station Name, Az, El, Pn, Res, and various station identifiers like TYC, PWA, HWA, TWD, WHF, etc.

Table with columns: Code, Station Name, Az, El, Pn, Res, and various station identifiers like CD2, comp=Z,40nm,0.7s, etc.

NIED 15 13:00:00,20'80N,121'20E,h17km,Mw4.6 Best double couple: M0.781000x10^15 N1.0e94.00000, delta.00000, 2.47.00000, NP2.0e356.00000, delta3.00000, 1.168.00000.

TAP 15 13:00:09,20'99N,121'13E,h46km,1km,ML4.9,D BUJ 15 13:00:09,1,21'14N,121'12E,h26km,mb4.6/24,mb4.5/39,ML4.1/4,MS4.4/41,MS7.4/36

ISCJB 15 13:00:09,8.0,6,21'07N,0'02,121'13E,0'03,h29km,4km,mb4.6/81,MS4.1/30,Error ellipse: s-maj=4.3km s-min=3.2km az=157.3

NEIC 15 13:00:09,5.2,8,21'14N,121'17E,h13km,16km,mb4.8/33,Error ellipse: s-maj=7.0km s-min=6.8km az=144.0

MOS 15 13:00:10,6.1,21'10N,121'14E,h33km,mb5.0/30,MS4.2/8,Error ellipse: s-maj=9.3km s-min=5.9km az=110.2

IDC 15 13:00:12,9.5,1,21'04N,121'07E,h33km,39km,mb4.2/22,mb1.4,3/23,mb1mx4.2/28,mbtmp4.3/23,ML4.8/1,MS3.9/16,MS1.4/0/16,ms1mx3.8/29,Error ellipse: s-maj=16.1km s-min=11.4km az=62.0

MAN 15 13:00:20,20'33N,121'59E,h15km,mb5.3,ML4.3,MS4.5 ISC 15 13:00:20,2,21'11N,0'02,121'13E,0'03,h17km,4km,h18km,3.4km,p-P,n246,e199/264,mb4.6/81,MS4.1/30,8C-9D, Taiwan region

Main table with columns: Code, Station Name, Az, El, Pn, Res, and various station identifiers like TSEB, TWK1, HEN, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like AKASG Malin Array B, WRA Warramunga Arr, STHS Stebnicka Huta, etc.

Table with columns: HAU, eMLR, MLR. Includes stations like HAU Haudompne, HAU Haudompne, HAU Haudompne, etc.

Table with columns: MKAR, LR, LR. Includes stations like MKAR Urewera, MKAR Urewera, MKAR Urewera, etc.

IDC 15 14:39:00.1±1.2, 2.26:65S:69:93E, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.2/18, mbtm3.3/7.5, MS3.3/4, Ms1 3.3/4, ms1mx3.0/21, Error ellipse: s-maj=44.1km s-min=26.8km az=172.0, Indian Ocean Triple Junction

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Fort de France, Wesley, Forest Bistro, etc.

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

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

CASC 15:17:14:42.6:3.1, 11.27N-86.49W, h18km, 12km, MD3.7, ML3.6, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like San Juan del S, Apoyo, Ticuantepe, etc.

ISC/JB 15:17:41:12.6:0.5, 45.46N-0.03:26.19E:0.04, h141km, 5km, Error ellipse: s-maj=4.8km s-min=4.4km az=169.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mollin, Colim, Novy Kostel, etc.

DJA 15:17:42:00, 0.73Sx100.25E, h130km, MLv2.4/5, Southern Sumatara

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

IDC 15:17:29:05.3:2.4, 10.48N-91.39E, h0km, mb3.5/3, mb1.3/7.4, mb1mx3.32, mbtmp3.5/4, ML3.8/8, Error ellipse: s-maj=73.0km s-min=28.5km az=68.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Chiang Mai Arr, Makanchi Array, Warramunga Arr, etc.

ISC/JB 15:17:34:30.6:0.4, 50.15N-0.03:18.40E:0.03, h0km, Error ellipse: s-maj=4.1km s-min=2.3km az=16.3

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

NEIC 15:17:45:03.1:1.8, 19.72Sx175.94W, h180km, 2.7km, mb4.2/3, Error ellipse: s-maj=27.2km s-min=16.1km az=103.0

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

ISC/JB 15:17:34:32.3:0.3, 50.12N-0.03:18.37E, h0km, MB1.8/4, Error ellipse: s-maj=1.9km s-min=1.1km az=163.0

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

ISC 15:17:34:32.6:0.4, 50.09N-0.03:18.39E:0.03, h0km, n39, r1523/73, 2C-10, Poland

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

ISC/JB 15:17:45:02.9:2.9, 19.70Sx175.98W, h175km, 3.6km, mb3.8/5, mb1.3/8.7, mb1mx3.5/20, mbtmp3.8/7, Error ellipse: s-maj=34.6km s-min=22.4km az=105.0, Tonga Islands

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

ISC 15:17:34:33.5:0.4, 49.68N-18.51E, h0km, mb1.7/3, ML2.3/4, Error ellipse: s-maj=2.7km s-min=1.8km az=83.0, 25 km SE of Ostrava Suspected Mining induced.

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

ISC 15:17:34:32.6:0.4, 50.09N-0.03:18.39E:0.03, h0km, n39, r1523/73, 2C-10, Poland

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

ISC/JB 15:17:45:03.1:1.8, 19.72Sx175.94W, h180km, 2.7km, mb4.2/3, Error ellipse: s-maj=27.2km s-min=16.1km az=103.0

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

NEIC 15:17:45:16.4: 35.88N-27.74E, h55km, MD3.4(ATH), After ATH. ISC/JB 15:17:45:16.4: 35.88N-27.74E, h55km, 3km, MD3.4/6. ATH 15:17:45:16.4: 35.88N-27.74E, h55km, 3km, MD3.4/6. CSEM 15:17:45:17.3:0.2:4.35:87N-27.78E, h46km, 8km, MD3.4.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ARG Arkhangelos, ARG Karpathos, ARG Datca, etc.

ISC/JB 15 18:04:22.0.4.43.75N.0.04.105.20W.0.05, h0km, mb3.8/4, Error ellipse: s-maj=5.7km s-min=4.5km az=136.3

NEIC 15 18:04:23.8.0.3.43.75N.105.18W, h0km, ML3.3, Error ellipse: s-maj=5.1km s-min=4.2km az=143.0, Suspected Mining explosion.

NEIC 65 km [40 miles] SSE of Gillette. IDC 15 18:04:25.1.0.9.44.04N.105.78W, h0km, mb3.7/4, mb1.3/7.10, mb3.6/2.7, mbtmp3.5/10, ML3.3/6, Error ellipse: s-maj=23.5km s-min=7.7km az=145.7

ISC 15 18:04:23.9.0.3.43.76N.104.105.18W.0.05, h0km, n55, r110/56, mb3.8/4, Wyoming

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RSSD Black Hills, PHWV Pilot Hill, RWWY Rawlins, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like YKA Yellowknife Ar, YKA Yellowknife Ar, ZALV Zalesovo Beam, etc.

NEIC 15 18:21:17.9.51.71N.179.19W, h4km, ML3.7(AEIC), After AEIC, Andreof Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AMKA Amchitka, AMKA Adak, FX1 Attai Island-F, etc.

NEIC 15 18:21:24.9.1.6.44.35N.128.91W, h10km, mb3.9/2, Error ellipse: s-maj=19.4km s-min=8.1km az=71.0

IDC 15 18:21:27.8.5.5.44.57N.128.40W, h0km, mb3.3/1, mb1.3/6.5, mb1mx3.4/2.5, mbtmp3.3/5, ML3.2/3, MS3.1/5, Ms1.3.1/5, ms1mx2.7/2.0, Error ellipse: s-maj=116.0km s-min=19.6km az=62.0

ISC 15 18:21:25.2.2.2.44.34N.128.90W.0.2, h10km, 19km, n33, r1902/34, mb3.4/2, MS3.2/4, Off coast of Oregon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like COR Corvallis, COR Kings Mountain, NLWA Neilton Lookou, etc.

WEL 15 18:23:59.6.0.5.37.47S.176.82E, h150km, 3km, ML3.6/3, 1C, Error ellipse: s-maj=3.3km s-min=2.9km az=0.0, North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like OPRZ Ohinepanea, URZ Urewera, MWZ Matawai, etc.

Table with columns: LTZ Lake Taylor, MQZ McQueen's Vall, MOZ Oatua Downs, etc.

IDC 15 18:40:44.3.4.4.6.23S.128.53E, h372km, 50km, mb2.3/1, mb1.2/8.4, mb1mx2.6/1.8, mbtmp2.6/4, Error ellipse: s-maj=69.3km s-min=18.2km az=70.0, Banda Sea

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

IDC 15 18:54:29.2.2.6.9.67N.125.21E, h0km, mb3.7/4, mb1.3/9.4, mb1mx3.5/2.1, mbtmp3.7/4, Error ellipse: s-maj=220.8km s-min=27.0km az=64.0

ISC/JB 15 18:54:37.8.1.0.9.98N.0.06.126.0E.0.1, h98km, 12km, mb3.6/4, Error ellipse: s-maj=19.3km s-min=10.4km az=172.6

MAN 15 18:54:39.9.98N.125.90E, h338km, mb4.7, ML3.6, MS3.6, ISC 15 18:54:38.9.1.0.9.98N.0.06.126.0E.0.1, h90km, 12km, n11, r0596/13, mb3.6/4, 1C, Mindaoneo

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BESP Borongan, CGP Cagayan de Oro, LLL Lapu-Lapu, etc.

MAN 15 19:04:09.16.82N.120.27E, h19km, mb3.9, ML2.6, MS2.2, Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BOLP Bolinao, ABRA Conner, APYV Cauayan, etc.

MEX 15 19:14:27.0.7.0.2008N.105.84W, h10km, MD4.0, Near coast of Jalisco

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ANIG Ahuacatlan, SFJM Santa Fe, SFJM Aquila, etc.

IDC 15 19:17:39.2.0.5.22.44S.70.28W, h0km, mb4.6/12, mb1.4/7.15, mb1mx3.4/7.17, mbtmp4.6/15, ML4.5/3, MS4.0/10, Ms1.4/0.10, ms1mx3.9/1.7, Error ellipse: s-maj=21.2km s-min=14.6km az=74.0

ISC/JB 15 19:17:40.8.0.9.22.47S.0.03.70.13W.0.04, h19km, 7km, mb4.8/15, MS4.1/13, Error ellipse: s-maj=6.1km s-min=5.2km az=43.2

NEIC 15 19:17:42.8.1.5.22.54S.70.23W, h25km, 10km, mb4.9/101, ML4.9(GUC), Error ellipse: s-maj=6.5km s-min=4.5km az=58.0

NEIC Fell [II] at Mejillones and Tocopilla; [I] at Maria Elena. LDG 15 19:17:42.4.0.3.21.56S.70.14W, h10km, Mb4.9/23, Ms4.0/9, Error ellipse: s-maj=26.5km s-min=9.3km az=171.0

BUI 15 19:17:43.7.22.50S.70.20W, h25km, mb5.0/17, Ms5.2/10, Ms7.4/9.11

GUC 15 19:17:44.2.0.6.22.59S.70.09W, h25km, 4km, ML4.9, ISC 15 19:17:44.5.0.7.22.60S.0.03.70.15W.0.03, h34km, 4km, h33km, 3km, p-P, n499, r078/455, mb4.8/15, MS4.1/13, 126C-138D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MACH Maria Elena, MECH Mejillones, PB04 Plate Boundary, etc.

| | | | | | |
|------|--|-----------|-----|----|-----------------|
| CPUP | Villa Florida | 12.25 110 | Pn | Pn | 19 20 38.7 +2.1 |
| CPUP | Villa Florida | 12.25 110 | ePn | Pn | 19 20 38.4 +1.7 |
| NNA | Nana | 12.33 328 | Pn | Pn | 19 20 36.4 -1.4 |
| NNA | comp=E, 1.7nm, 0.3s, baz=137, slow=15, SNR=2.3 | | | | |
| NNA | comp=E, 1.7nm, 0.3s, baz=137, slow=15, SNR=2.3 | | | LR | 19 24 56.3 |
| NNA | comp=E, 5.04nm, 20.5s, baz=146, slow=36 | | | | |
| NNA | Nana | 12.33 328 | ePn | Pn | 19 20 35.0 -2.8 |
| TRQA | Torqu Coast | 16.93 157 | ePn | Pn | 19 21 37.2 -1.5 |
| ATAH | Atahualpa | 17.0 331 | P | Pn | 19 21 48.8 +5.2 |
| PLCA | Paso Flores | 18.08 181 | P | Pn | 19 21 53.1 +0.1 |
| PLCA | comp=E, 0.1nm, 0.3s, baz=2.7, slow=15, SNR=4.3 | | | | |
| PLCA | comp=E, 640nm, 18.6s, baz=188, slow=38 | | | LR | 19 29 10.4 |
| PLCA | Paso Flores | 18.08 181 | eP | Pn | 19 21 53.9 +0.9 |
| SPB | Sao Paulo | 20.92 97 | eP | P | 19 22 23.1 -1.2 |
| OTAV | Otavalo | 24.10 339 | eP | P | 19 22 56.0 -1.1 |
| ROSC | El Rosal | 27.59 351 | LR | LR | 19 35 15.4 |
| PAYF | Puerto Ayora | 29.30 315 | P | P | 19 23 44.9 +0.9 |
| FDJ | Fort de France | 38.13 14 | eP | P | 19 24 57.0 -3.7 |
| SJG | San Juan | 40.65 6 | P | P | 19 25 18.7 -2.8 |
| SJG | San Juan | 40.65 6 | P | P | 19 25 17.3 -4.3 |
| MTDJ | Mount Denham | 41.21 349 | eP | P | 19 25 17.9 -8.2 |
| PMSA | Palmer Station | 42.35 176 | P | P | 19 25 36.5 +1.5 |
| PMSA | Palmer Station | 42.35 176 | eP | P | 19 25 36.0 +1.0 |
| GTBY | Guantanamo Bay | 42.54 353 | P | P | 19 25 35.3 -1.8 |
| TEIG | Tepeich | 46.10 336 | eP | P | 19 26 03.6 -1.9 |
| BBSR | BB Station | 49.16 6 | eP | P | 19 27 05.5 -6.4 |
| RKT | Rikitea | 59.26 256 | eLR | LR | 19 45 20.5 |
| SWET | Swetone | 59.94 945 | eP | P | 19 27 41.6 -2.1 |
| VNA1 | VN Junction City | 59.97 330 | eP | P | 19 27 46.8 -0.8 |
| JCT | Junction City | 59.97 330 | eP | P | 19 27 46.8 -0.8 |
| ELN | Prospectdale | 60.34 350 | eP | P | 19 27 48.4 -1.6 |
| 628A | Black Gap, Mar | 60.62 327 | eP | P | 19 27 51.3 -0.8 |
| WWT | Waverly | 60.76 344 | eP | P | 19 27 50.2 -2.6 |
| 627A | Terlingua Ranc | 60.84 327 | eP | P | 19 27 52.9 -0.7 |
| 627A | Lajitas Array | 60.89 327 | eP | P | 19 27 52.9 -1.0 |
| TXAR | comp=E, 0.8nm, 0.8s, mb3.9, baz=151, slow=7.9, SNR=8.1 | | | LR | 19 51 13.4 |
| MIAR | Mount Ida | 61.03 338 | eP | P | 19 27 53.0 -1.8 |
| MIAR | comp=E, 65nm, 20.7s, MS3.8, baz=0.0, slow=33 | | | | |
| 528A | Cox Ranch, San | 61.12 328 | eP | pP | 19 28 02.3 -2.7 |
| 626A | Big Bend Ranch | 61.30 326 | eP | P | 19 27 54.5 -1.0 |
| 427A | Woodward Ranch | 61.52 327 | eP | P | 19 27 56.3 -0.4 |
| 528A | Kincaid Ranch, | 61.53 328 | eP | P | 19 27 57.5 -0.7 |
| 526A | Mary Lane Ranc | 61.69 327 | eP | P | 19 27 58.9 -0.4 |
| 427A | Hayler Ranch, | 61.98 328 | eP | P | 19 28 00.5 -0.8 |
| 328A | Wristen Ranch, | 62.13 329 | eP | P | 19 28 01.4 -0.8 |
| 426A | McDonald Obser | 62.15 327 | eP | P | 19 28 01.9 -0.6 |
| SIUC | Sutherland | 62.62 343 | eP | pP | 19 28 02.1 -3.3 |
| 326A | Caldwell Ranch | 62.65 328 | eP | pP | 19 28 12.5 -3.2 |
| 425A | Indio Mountain | 62.73 326 | eP | P | 19 28 05.1 -0.6 |
| 227A | Bennet, Jal | 62.88 329 | eP | P | 19 28 06.8 -0.5 |
| WMOK | Wichita Mounta | 63.17 334 | eP | P | 19 28 09.6 +0.4 |
| FVM | French Village | 63.20 342 | eP | P | 19 28 07.5 -1.8 |
| 226A | Malaga, Loving | 63.32 328 | eP | pP | 19 28 16.3 -3.2 |
| 127A | Arkansas Junct | 63.46 329 | eP | P | 19 28 09.5 -0.6 |
| 324A | Moseley Ranch, | 63.51 326 | eP | P | 19 28 10.1 -1.0 |
| GDL2 | Guadalupe Moun | 63.56 328 | eP | P | 19 28 10.4 -1.0 |
| ACSO | Alum Creek Sta | 63.64 349 | eP | P | 19 28 11.1 -0.6 |
| ACSO | comp=E, 2.8nm, 1.1s, mb5.2 | | | | |
| MNTX | Cornudas Mount | 63.66 327 | eP | pP | 19 28 10.3 -1.8 |
| 225A | Deer Hill, Car | 63.71 327 | eP | P | 19 28 12.5 -3.2 |
| 126A | Clayton Basin, | 63.75 328 | eP | P | 19 28 12.2 -0.6 |
| 227A | Tatum | 63.92 329 | eP | P | 19 28 12.3 -0.7 |
| 224A | Cornudas Mount | 64.04 327 | eP | P | 19 28 12.9 -1.2 |
| 125A | Gardner Draw, | 64.08 328 | eP | P | 19 28 13.7 -1.2 |
| Z26A | Caprock | 64.25 329 | eP | P | 19 28 14.2 -1.0 |
| MSTX | Muleshoe | 64.25 330 | eP | P | 19 28 15.5 -0.7 |
| Y27A | Causey | 64.36 330 | eP | P | 19 28 15.0 -1.3 |
| 124A | Stringfield Ra | 64.50 327 | eP | P | 19 28 15.9 -1.1 |
| Z25A | Roswell | 64.61 328 | eP | P | 19 28 17.6 -0.3 |
| 222A | Williams Famil | 64.87 326 | eP | P | 19 28 17.9 -0.7 |
| Z24A | Sheepen Canyo | 64.97 328 | eP | P | 19 28 20.0 -0.4 |
| X26A | CR and CF Fran | 65.22 330 | eP | P | 19 28 20.3 -0.7 |
| W27A | Bowe Ranch, En | 65.30 331 | eP | P | 19 28 21.6 -1.0 |
| 220A | Playas Peak, P | 65.47 325 | eP | P | 19 28 22.1 -0.9 |
| 319A | Douglas | 65.47 324 | eP | P | 19 28 24.4 +0.2 |
| Y24A | Capitan | 65.48 328 | eP | P | 19 28 24.0 -0.2 |
| 121A | Cookes Peak, D | 65.56 325 | eP | P | 19 28 24.1 -0.1 |
| X25A | Clemmons Ranch | 65.60 329 | eP | P | 19 28 24.0 -1.0 |
| W26A | Owens Ranch, T | 65.64 330 | eP | P | 19 28 25.1 -0.2 |
| Z22A | Elephant Butte | 65.71 327 | eP | P | 19 28 25.9 +0.2 |
| Y23A | Lovelace Mesa, | 65.79 328 | eP | P | 19 28 25.8 -0.5 |
| 318A | Bisbee | 65.91 323 | eP | P | 19 28 27.0 -0.1 |
| 219A | White Tail Can | 65.93 324 | eP | P | 19 28 27.7 +0.5 |
| 120A | U Bar Ranch, L | 66.02 325 | eP | P | 19 28 27.7 +0.5 |
| W25A | X Bar L Ranch, | 66.07 330 | eP | P | 19 28 28.0 +0.2 |
| MAIT | Matri | 66.19 159 | eP | P | 19 28 28.4 -0.6 |
| BNM | Barren Site | 66.25 327 | eP | P | 19 28 29.5 +1.1 |
| 218A | Dragoon | 66.34 323 | eP | P | 19 28 29.5 +1.1 |
| Z20A | Nine Sixteen R | 66.44 325 | eP | P | 19 28 29.8 -3.5 |
| W24A | Lazy 6 Ranch, | 66.51 329 | eP | P | 19 28 30.8 +0.9 |
| W24A | comp=E, 10nm, 1.2s, mb4.7 | | | | |
| W24A | comp=E, 10nm, 1.2s, mb4.7 | | | | |

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|------|---|-----------|------|-----|-----------------|
| 119A | Ashppeak Ranch, | 66.55 325 | eP | P | 19 28 31.7 +0.5 |
| 217A | Green Valley | 66.62 323 | eP | P | 19 28 32.2 +0.6 |
| V25A | Rano No Teng | 66.65 330 | eP | P | 19 28 31.1 -0.6 |
| Y21A | Point of Rocks | 66.66 327 | eP | P | 19 28 32.1 +0.2 |
| LZ1A | Ladron | 66.70 327 | eP | P | 19 28 32.8 +0.6 |
| ANMO | Albuquerque | 66.81 328 | eP | P | 19 28 32.4 -0.4 |
| W23A | Wermer Place, | 66.82 328 | eP | P | 19 28 32.4 -0.5 |
| V24A | Rampart Ranch, | 66.86 329 | eP | P | 19 28 32.7 -0.4 |
| Y20A | Horse Springs, | 66.95 326 | eP | P | 19 28 34.3 +0.6 |
| TUC | Trinson | 67.01 323 | eP | P | 19 28 33.5 -0.6 |
| U25A | Circle Dot Ran | 67.02 330 | eP | P | 19 28 33.7 -0.3 |
| X21A | Alamocita Cree | 67.06 327 | eP | P | 19 28 34.9 +0.5 |
| 216A | Three Points, | 67.15 323 | eP | P | 19 28 34.5 -0.5 |
| 117A | Oracle | 67.18 323 | eP | P | 19 28 35.7 +0.5 |
| V23A | Ortiz Mt. (NFS | 67.31 329 | eP | P | 19 28 36.1 +0.1 |
| Y19A | Nutrisso | 67.44 325 | eP | P | 19 28 37.8 +0.9 |
| X20A | Quemado | 67.50 326 | eP | P | 19 28 37.9 +0.7 |
| W21A | San Fidel | 67.53 327 | eP | P | 19 28 37.8 +0.5 |
| T25A | Trinidad | 67.62 331 | eP | P | 19 28 37.8 -0.1 |
| 116A | Eloy | 67.71 323 | eP | P | 19 28 39.5 +0.9 |
| Y18A | Canon Day Jun | 67.72 325 | eP | P | 19 28 39.0 +0.5 |
| U23A | El Rito | 67.79 329 | eP | P | 19 28 38.9 -0.1 |
| V22A | San Miguel Ran | 67.80 328 | eP | P | 19 28 39.5 +0.5 |
| 214A | Organ Pipe Nat | 67.89 322 | eP | P | 19 28 40.7 +1.0 |
| W20A | Ramah | 67.96 327 | eP | P | 19 28 40.7 +0.6 |
| S25A | Robets Cordova | 68.07 331 | eP | P | 19 28 40.4 -0.2 |
| Y17A | Roosevelt | 68.09 324 | eP | P | 19 28 41.7 +0.8 |
| U22A | Llaves | 68.14 329 | eP | P | 19 28 41.4 +0.2 |
| S24A | Houchin Ranch, | 68.40 331 | eP | P | 19 28 42.8 0.0 |
| V20A | Brimhall | 68.47 327 | eP | P | 19 28 43.8 +0.5 |
| U21A | Nageezi | 68.57 328 | eP | P | 19 28 44.1 +0.2 |
| Y16A | Circle Bar Ran | 68.57 324 | eP | P | 19 28 44.8 +0.9 |
| SDCO | Grand Sand Dun | 68.62 330 | eP | P | 19 28 43.7 -0.4 |
| R24A | Sanders Place, | 68.84 331 | eP | P | 19 28 45.3 -0.2 |
| U20A | Newcomb | 68.95 328 | eP | P | 19 28 46.4 +0.2 |
| X16A | Lo Mita Camp, P | 68.96 324 | eP | P | 19 28 47.3 +1.0 |
| T21A | Navajo Lake | 68.96 329 | eP | P | 19 28 46.6 +0.4 |
| Q25A | Bedland, Calha | 69.02 332 | eP | P | 19 28 47.0 +0.3 |
| Y15A | Gas Rosa Ranc | 69.10 323 | eP | P | 19 28 48.2 +1.0 |
| S22A | 4UR Ranch, Cre | 69.23 330 | eP | P | 19 28 47.9 -0.1 |
| U19A | Dins College, | 69.23 327 | eP | P | 19 28 48.1 +0.1 |
| Z13A | Yuma Proving G | 69.28 322 | eP | P | 19 28 49.4 +1.0 |
| X15A | Humboldt | 69.44 324 | eP | P | 19 28 50.2 +0.9 |
| Y14A | Wickenburg | 69.46 323 | eP | P | 19 28 49.9 +0.4 |
| Q24A | Divide | 69.46 331 | eP | P | 19 28 49.1 -0.2 |
| P25A | Willow Gulch B | 69.49 332 | eP | P | 19 28 50.5 +1.0 |
| W16A | Flagstaff | 69.52 325 | eP | P | 19 28 50.6 +0.9 |
| V17A | Toneles, Kykot | 69.53 325 | eP | P | 19 28 50.3 +0.5 |
| T19A | Beclabito | 69.56 327 | eP | P | 19 28 50.4 +0.4 |
| R22A | Saguache, Gunn | 69.59 330 | eP | P | 19 28 51.0 +0.9 |
| MVCO | Mesa Verde | 69.60 328 | eP | P | 19 28 50.6 +0.3 |
| MVCO | Mesa Verde | 69.60 328 | eP | P | 19 28 50.2 -0.1 |
| S21A | Coal Bank Pass | 69.62 329 | eP | P | 19 28 50.6 +0.3 |
| U18A | Rough Rock, Ch | 69.67 327 | eP | P | 19 28 51.0 +0.3 |
| WUAZ | Wupatki | 69.75 325 | eP | P | 19 28 52.0 +0.8 |
| WUAZ | Wupatki | 69.75 325 | eP | P | 19 28 51.2 0.0 |
| X14A | Yavapai | 69.79 323 | eP | P | 19 28 52.5 +1.0 |
| LIC | Lamto | 69.80 74 | eP | P | 19 28 51.7 -0.3 |
| LIC | Lamto | 69.80 74 | eP | P | 19 28 51.8 -0.2 |
| LIC | comp=E, 3.2nm, 0.8s, mb5.0 | | eMLR | MLR | |
| LIC | comp=Z, 238nm, 21.8s, MS4.1 | | | LR | 19 28 51.8 -0.2 |
| W15A | Williams | 69.98 324 | eP | P | 19 28 53.5 +0.9 |
| TIC | Toumudi | 69.99 74 | eP | P | 19 28 52.9 -0.3 |
| S20A | Disappointment | 70.02 329 | eP | P | 19 28 53.4 +0.5 |
| R21A | Omaron | 70.07 329 | eP | P | 19 28 53.5 +0.4 |
| U16A | Tuba City | 70.10 326 | eP | P | 19 28 53.8 +0.4 |
| KIC | Kosan Boka | 70.11 74 | eP | P | 19 28 53.8 -0.1 |
| DBIC | Dimbokro | 70.15 74 | eP | P | 19 28 54.2 0.0 |
| DBIC | comp=Z, 191nm, 21.2s, MS4.3, baz=250, slow=34 | | | LR | 19 58 01.8 |
| DBIC | Dimbokro | 70.15 74 | eP | P | 19 28 53.8 -0.4 |
| DBIC | Mexican Hat | 70.22 327 | eP | P | 19 28 54.2 +0.3 |
| R20A | Redvale | 70.32 329 | eP | P | 19 28 54.9 +0.2 |
| E19A | Harvey Farm, M | 70.33 328 | eP | P | 19 28 54.8 +0.1 |
| SCSD | EROS Data Cent | 70.34 340 | eP | P | 19 28 51.7 -2.9 |
| ECSD | Idaho Springs | 70.35 332 | eP | pP | 19 29 02.1 -2.9 |
| ISCO | Paradox Valley | 70.37 329 | eP | pP | 19 28 53.4 -1.3 |
| PV01 | Paradox Valley | 70.37 329 | eP | pP | 19 29 03.6 -1.6 |
| X13A | Yucca | 70.40 323 | eP | pP | 19 28 54.8 -0.1 |
| V15A | Kaibab Nationa | 70.41 325 | eP | pP | 19 28 56.1 +0.9 |
| W14A | Seligman | 70.44 324 | eP | P | 19 28 56.2 +0.7 |
| SMCO | Snowmass | 70.45 330 | eP | P | 19 28 55.4 -0.1 |
| T17A | Navajo Res., N | 70.59 326 | eP | P | 19 28 56.6 +0.3 |
| BC3 | Big Chuckawall | 70.65 321 | eP | P | 19 28 56.8 +0.1 |

| | | | | | |
|------|----------------------------|-----------|----|----|-----------------|
| MONP | Monument Peak | 70.67 320 | eP | P | 19 28 57.5 +0.6 |
| BAR | Barrett | 70.70 327 | eP | P | 19 28 57.2 +0.3 |
| BAR | comp=Z, 4.7nm, 0.8s, mb4.5 | | | | |
| S18A | Hurst Farm, Bl | 70.72 327 | eP | pP | 19 29 06.2 -1.2 |
| V14A | Hogans Ranc | 70.77 324 | eP | P | 19 28 57.5 +0.5 |
| W13A | Buallip Mount | 70.80 323 | eP | P | 19 28 58.4 +0.7 |
| IRM | Iron Mountain | 70.83 322 | eP | P | 19 28 59.1 +1.3 |
| U15A | North Rim | 70.93 325 | eP | P | 19 28 59.2 +0.8 |
| O22A | Kremmling | 71.06 331 | eP | P | 19 28 58.9 -0.1 |
| PFO | Pinyon Flat Ob | 71.20 320 | eP | P | 19 29 02.0 +2.0 |
| R18A | Canonlands Na | 71.21 328 | eP | P | 19 29 00.0 -0.1 |
| Q19A | Hogan Spring (| 71.35 329 | eP | P | 19 29 01.1 +0.2 |
| N23A | Red Feather La</ | | | | |

15d 19h

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Table with columns for station ID, name, frequency, and other details. Includes stations like SBA Scott Base, P12A McGill, K18A Toltan Ranch, etc.

Table with columns for station ID, name, frequency, and other details. Includes stations like F14A Wisdom, HRY Holter Researc, D16A Dana Ranch, etc.

Table with columns for station ID, name, frequency, and other details. Includes stations like PBRG Braganca, ESDC Sonseca Array, SJPF Ste 90, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like HMF Hinterfeld, BNI Bardonecchia, SCHQ Schefferville, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like TARZ Mount Tarawera, KATZ Karamera, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like PKVZ Pokaka, MTVZ Mangateitei, MCHZ McNeill Hill, etc.

NEIC 15 21:35:15.7, 32:58S-71:99W, h27km, ML2.6(GUC), After GUC

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like CHNG Los Chugos, ROCH El Roble, LCOH Las Cruces, etc.

ATH 15 21:54:47.7, 39:37N-26:30E, h26km, MD3.6/9

ISCJBJ 15 21:54:48.5-0.4, 39.41N-02:26:02.24E-0.03, h10km, 3km, Error ellipse: s-maj=4.0km s-min=3.1km az=1.0

CSEM 15 21:54:48.9-0.1, 39.40N-26:22E, h10km, MD3.6, Error ellipse: s-maj=3.4km s-min=2.8km az=126.0

THE 15 21:54:49.4, 39:38N-26:27E, h10km, 1km, ML3.4/5, Error ellipse: s-maj=1.2km s-min=0.3km az=219.0

NEIC 15 21:54:49.0, 39:52N-26:38E, h26km, MD3.6(ATH), After GUC

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like PRK Paraskevi, SGR SIGRI, etc.

ISC 15 22:19:30.2, 36:95N-21:36E, h15km, MD3.4(ATH), After ATH

CSEM 15 22:19:30.2, 36:95N-21:36E, h15km, MD3.4, After ATH ATH 15 22:19:30.2, 36:95N-21:36E, h15km, 1km, MD3.4/9,

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like ERIK Eriki-Kesan, GONE Gonen-Balikesi, BALB Balikesir, etc.

ISC 15 22:07:14.8-1.6, 14:76N-147:12E, h0km, mb3.8/7, mb21 3.9/8, mb1mx3.8/24, mbtmsp3.8/8, ML4.2/1, Error ellipse: s-maj=4.16km s-min=19.9km az=94.0

ISCJBJ 15 22:07:17.5-2.7, 14.74N-01:10:147.2E-0.1, h33km, 21km, mb4.0/10, Error ellipse: s-maj=22.4km s-min=16.2km

NEIC 15 22:07:20.1-0.8, 14:74N-147:04E, h35km, mb4.3/2, Error ellipse: s-maj=21.7km s-min=9.1km az=97.0

ISC 15 22:07:18.5-3.9, 14:75N-147:09E, h14E-0.1, h35km, 28km, n13, c050/15, mb4.0/10, Mariana Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like GUMO Guam, MAJO Matsushiro, WRAB Tennesse Creek, etc.

NEIC 15 22:19:30.2, 36:95N-21:36E, h15km, MD3.4(ATH), After ATH

Southern Greece

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

15d 23h

Table with columns: TRQA, Torquai, 14.20 164 ePn, Pn, 23 50 08.6 +0.2, etc. Lists various astronomical objects and their coordinates.

BGS 15 23:52:02.8 ± 1.9, 32° 93'N-30° 70'E, h52km, mb5.0
SZGRF 15 23:52:19.7, 34° 52'N-28° 89'E, h33km, mb5.4, Eastern Mediterranean Sea
PDG 15 23:52:34.5 ± 0.7, 35° 76'N-27° 96'E, h14km, mb5.0, 9. Error ellipse: s-maj=1.0km s-min=0.8km az=90.0
DDA 15 23:52:34.1, 35° 61'N-27° 70'E, h28km, MB5.2
ISK 15 23:52:36.2, 35° 76'N-27° 87'E, h49km, ML5.0
ISCBJ 15 23:52:36.0 ± 0.1, 35° 74'N-01° 27' 92.5E ± 0.010, h57km, m5.1/241, MS3, 8/36, Error ellipse: s-maj=1.5km s-min=1.0km az=19.6
NIC 15 23:52:36.9 ± 0.3, 35° 72'N-27° 95'E, h70km, mb4.8, ML4.5, MW4.2, Dodecanese Islands, Greece 27km. SE Kattavia
CSEM 15 23:52:37.4 ± 0.1, 35° 75'N-27° 93'E, h56km, MB5.2/99, ML5.0/10, MW4.6, Error ellipse: s-maj=2.6km s-min=1.7km az=12.0
BUJ 15 23:52:37.8, 35° 90'N-27° 90'E, h68km, mb4.9/16, mb4.8/23, Ms4.8/13, Ms7.4/5/11
ATH 15 23:52:37.8, 35° 87'N-27° 90'E, h58km, mb4.8, ML4.8
NEIC 15 23:52:37.8, 35° 87'N-27° 90'E, h58km, mb5.2/179, After ATH.
IDC 15 23:52:38.5 ± 0.6, 36° 00'N-27° 73'E, h55km, 3km, mb4.6/32, mb1.4/7/36, mb1mx4.7/37, mbtmp4.6/36, MS3, 7/27, Ms1.3/8/27, ms1mx3.7/35, Error ellipse: s-maj=11.9km s-min=9.4km az=167.0
MOS 15 23:52:38.5 ± 1.1, 35° 88'N-27° 87'E, h80km, mb5.3/72, Error ellipse: s-maj=3.8km s-min=1.9km az=117.3
GCMT 15 23:52:38.8 ± 0.3, 35° 67'N-27° 75'E, h42km, 1km, MW4.9, Moment Tensor Solution, s33,c36; s61,c87; Moment tensor: Scale 10^16Nm; Mr=0.97±.17; Mw=0.10±.12; Mw0.68±.11; Mw1.21±.12; Mw2.85±.09; Mw0.11±.12; Best double couple: M3.20000±.016 NP1=0.360, 0.00000±.063, 0.00000±.1-169.00000±. NP2=0.265, 0.00000±.080, 0.00000±.1-27.00000±. Principal axes: T 3.5300, Plg12.0000±. Azm315.0000±. Pln -0.7600, Plg61.0000±. Azm277.0000±. Pln -0.7600, Plg26.0000±. Azm219.0000±. Data Used: II IUIC CN G.
THE 15 23:52:41.3, 35° 95'N-27° 80'E, h26km, 4km, ML5.5/10, Error ellipse: s-maj=4.5km s-min=0.4km az=113.0
HLW 15 23:52:45.4, 35° 01'N-28° 20'E, h32km, 56km, M04.1, M16.3
NSSC 15 23:52:50.35, 35° 75'N-29° 28'E, h38km
ISC 15 23:52:37.8 ± 0.1, 35° 75'N-01° 27' 92.3E ± 0.009, h59km, h59km, 2.8km, P-P, n2108, s1911/2250, mb5.1/239, MS3.8/36, 329P-177D, Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase ID, h, s, SC, Time, Res. Lists station names and their associated parameters.

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Table with columns: KSL, Kastellorizon, 1.41 73 eP, Pn, 23 50 08.6 +0.2, etc. Lists astronomical objects and their coordinates.

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Table with columns: ALT, Altintas, 3.73 27 Pn, Pn, 23 53 32.7 -0.1, etc. Lists astronomical objects and their coordinates.

| | | | | | | | | | | | | | | |
|------|----------------|--------------|----|-----------------|-----|---------|------------|----|-----------------|------|-------------|-------------|----|-----------------|
| SULT | Sultanhani-AKS | 5.10 60 Pn | Pn | 23 53 52.3 +0.7 | JMB | Yambol | 6.79 352 P | Pn | 23 54 15.7 +1.0 | PRNI | Paran | 8.02 130 Pn | Pn | 23 54 30.3 -1.3 |
| GULT | Gulveren | 5.10 23 ePN | Pn | 23 53 52.1 +0.5 | JMB | Yambol | 6.79 352 P | Pn | 23 54 15.5 +0.8 | PRNI | Paran | 8.02 130 S | Sn | 23 55 56.1 -4.7 |
| GULT | Gulveren | 5.10 23 ePN | Pn | 23 53 52.1 +0.5 | JMB | Yambol | 6.79 352 P | Pn | 23 54 15.7 +1.0 | PRNI | Paran | 8.02 130 S | Sn | 23 54 30.3 -1.3 |
| PYL | PYL05 | 5.12 285 eP | Pn | 23 53 53.6 +1.7 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.1 +0.9 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| PYL | PYL05 | 5.12 285 eP | Pn | 23 53 53.3 +1.4 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.2 +1.0 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| NEO | Neokhori | 5.15 315 P | Pn | 23 53 53.4 +1.1 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.1 +0.9 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| NEO | Neokhori | 5.15 315 P | Pn | 23 53 53.4 +1.1 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.2 +1.0 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| ENEZ | Enez | 5.17 345 ePN | Pn | 23 53 53.1 +0.6 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.1 +0.9 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| ENEZ | Enez | 5.17 345 ePN | Pn | 23 53 53.1 +0.6 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.2 +1.0 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| XOR | Xorichti | 5.21 315 P | Pn | 23 53 53.8 +0.7 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.1 +0.9 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| XOR | Xorichti | 5.21 315 P | Pn | 23 53 53.8 +0.7 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.2 +1.0 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| XOR | Xorichti | 5.21 315 P | Pn | 23 53 53.8 +0.7 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.1 +0.9 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| HRT | Hereke | 5.25 15 ePN | Pn | 23 53 55.4 +1.8 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.2 +1.0 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| HRT | Hereke | 5.25 15 ePN | Pn | 23 53 55.4 +1.8 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.1 +0.9 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| SPNC | Sapanca-Adapaz | 5.27 20 ePN | Pn | 23 53 54.8 +0.8 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.2 +1.0 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| SPNC | Sapanca-Adapaz | 5.27 20 ePN | Pn | 23 53 54.8 +0.8 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.1 +0.9 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| KANC | Kalitha | 5.32 301 S | Sn | 23 53 56.6 +2.0 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.2 +1.0 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| KALE | Kalitha | 5.32 301 S | Sn | 23 53 56.6 +2.0 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.1 +0.9 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| ALN | Alexandroupoli | 5.35 345 eP | Pn | 23 53 54.9 +0.1 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.2 +1.0 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| ALN | Alexandroupoli | 5.35 345 eP | Pn | 23 53 54.9 +0.1 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.1 +0.9 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| ALN | Alexandroupoli | 5.35 345 eP | Pn | 23 53 54.9 +0.1 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.2 +1.0 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| ALN | Alexandroupoli | 5.35 345 eP | Pn | 23 53 54.9 +0.1 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.1 +0.9 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| PAIG | Paliouri | 5.36 322 P | Pn | 23 53 55.9 +0.8 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.2 +1.0 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| PAIG | Paliouri | 5.36 322 P | Pn | 23 53 55.9 +0.8 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.1 +0.9 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| PAIG | Paliouri | 5.36 322 P | Pn | 23 53 55.9 +0.8 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.2 +1.0 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| TRIZ | Trizonia | 5.36 301 S | Sn | 23 54 54.9 -0.5 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.1 +0.9 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| TRIZ | Trizonia | 5.36 301 S | Sn | 23 54 54.9 -0.5 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.2 +1.0 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| LAKA | Lakka | 5.37 299 S | Sn | 23 53 57.4 +2.1 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.1 +0.9 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| LAKA | Lakka | 5.37 299 S | Sn | 23 53 57.4 +2.1 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.2 +1.0 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| MDU | Mudurnu | 5.38 28 ePN | Pn | 23 53 56.1 +0.8 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.1 +0.9 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| MDU | Mudurnu | 5.38 28 ePN | Pn | 23 53 56.1 +0.8 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.2 +1.0 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| ISK | Istanbul-Kandi | 5.38 9 ePN | Pn | 23 53 56.0 +0.5 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.1 +0.9 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| ISK | Istanbul-Kandi | 5.38 9 ePN | Pn | 23 53 56.0 +0.5 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.2 +1.0 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| MERS | Mersin | 5.45 76 ePN | Pn | 23 53 58.3 +2.0 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.1 +0.9 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| MERS | Mersin | 5.45 76 ePN | Pn | 23 53 58.3 +2.0 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.2 +1.0 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| BGKT | Bogazkoy | 5.46 7 ePN | Pn | 23 53 57.7 +1.2 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.1 +0.9 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| SLVT | Silivri | 5.48 2 ePN | Pn | 23 53 59.4 +2.3 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.2 +1.0 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| EFP | Efpaio | 5.50 301 eP | Pn | 23 53 59.4 +2.3 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.1 +0.9 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| EFP | Efpaio | 5.50 301 eP | Pn | 23 53 59.4 +2.3 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.2 +1.0 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| EFP | Efpaio | 5.50 301 eP | Pn | 23 53 59.4 +2.3 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.1 +0.9 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| AGG | Agios Georgios | 5.52 308 eP | Pn | 23 53 58.3 +0.9 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.2 +1.0 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| AGG | Agios Georgios | 5.52 308 eP | Pn | 23 53 58.3 +0.9 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.1 +0.9 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| AGG | Agios Georgios | 5.52 308 eP | Pn | 23 53 58.3 +0.9 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.2 +1.0 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| AGG | Agios Georgios | 5.52 308 eP | Pn | 23 53 58.3 +0.9 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.1 +0.9 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| OUR | University Cam | 5.52 299 eP | Pn | 23 54 01.2 +2.7 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.2 +1.0 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| OUR | Ouranopolis | 5.52 327 eP | Pn | 23 53 58.3 +0.8 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.1 +0.9 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| OUR | Ouranopolis | 5.52 327 eP | Pn | 23 53 58.3 +0.8 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.2 +1.0 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| OUR | Ouranopolis | 5.52 327 eP | Pn | 23 53 58.3 +0.8 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.1 +0.9 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| SILT | Sile | 5.56 14 ePN | Pn | 23 53 59.5 +1.6 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.2 +1.0 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| HENT | Hendek | 5.58 24 ePN | Pn | 23 53 59.6 +0.2 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.1 +0.9 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| LOD | Lodumlu | 5.63 41 ePN | Pn | 23 54 01.2 +2.7 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.2 +1.0 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| RLS | Riolos of Patr | 5.66 296 eP | Pn | 23 54 01.1 +1.8 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.1 +0.9 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| RLS | Riolos of Patr | 5.66 296 eP | Pn | 23 54 01.1 +1.8 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.2 +1.0 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| CTYL | Yal??k??y-??at | 5.72 3 ePN | Pn | 23 54 00.6 +0.5 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.1 +0.9 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| GULE | Gulek | 5.73 72 eP | Pn | 23 54 01.2 +1.0 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.2 +1.0 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| GULE | Gulek | 5.73 72 eP | Pn | 23 54 01.2 +1.0 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.1 +0.9 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| EVY | Evyrynta | 5.81 305 eP | Pn | 23 54 02.4 +1.1 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.2 +1.0 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| EVY | Evyrynta | 5.81 305 eP | Pn | 23 54 02.4 +1.1 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.1 +0.9 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| PLG | Polygyros | 5.81 324 P | Pn | 23 54 03.1 +0.8 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.2 +1.0 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| PLG | Polygyros | 5.81 324 P | Pn | 23 54 03.1 +0.8 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.1 +0.9 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| KAVA | Kavala | 5.88 334 P | Pn | 23 54 04.3 +0.2 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.2 +1.0 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| KAVA | Kavala | 5.88 334 P | Pn | 23 54 04.3 +0.2 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.1 +0.9 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| KARA | Karaisali | 5.92 73 ePN | Pn | 23 54 04.3 +0.2 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.2 +1.0 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| BRTR | Keskin Array B | 6.02 47 P | Pn | 23 55 10.8 -0.9 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.1 +0.9 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| BRTR | Keskin Array B | 6.02 47 P | Pn | 23 55 10.8 -0.9 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.2 +1.0 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| BRTR | Keskin Array B | 6.02 47 P | Pn | 23 55 10.8 -0.9 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.1 +0.9 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| BRTR | Keskin Array B | 6.02 47 P | Pn | 23 55 10.8 -0.9 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.2 +1.0 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| BRTR | Keskin Array B | 6.02 47 P | Pn | 23 55 10.8 -0.9 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.1 +0.9 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| BRTR | Keskin Array B | 6.02 47 P | Pn | 23 55 10.8 -0.9 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.2 +1.0 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| BRTR | Keskin Array B | 6.02 47 P | Pn | 23 55 10.8 -0.9 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.1 +0.9 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| BRTR | Keskin Array B | 6.02 47 P | Pn | 23 55 10.8 -0.9 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.2 +1.0 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| BRTR | Keskin Array B | 6.02 47 P | Pn | 23 55 10.8 -0.9 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.1 +0.9 | HRFI | Mount Harif | 8.26 132 Pn | Pn | 23 54 33.1 -1.8 |
| BRTR | Keskin Array B | 6.02 47 P | Pn | 23 55 10.8 -0.9 | PLD | Plovdiv | 6.82 339 P | Pn | 23 54 16.2 +1.0 | HRFI | Mount Harif | 8.26 132 Pn | | |

15d 23h

Table with columns for station name, frequency, power, and other technical details. Includes stations like LSZ Lusaka, ODAN Odare, TAPN Taplejung, LSA Lhasa, etc.

2008 JUL

Table with columns for station name, frequency, power, and other technical details. Includes stations like GYA GYA, ENH Enshi, WHN Wuhan, KLR Kul'dur, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like RC01 Rabbit Creek A, JFWS Jewell Farm, JFWS Jewell Farm, PNL Peninsula, etc.

| | | | | | |
|-------|----------------|--------------------|-----|----|-----------------|
| EPLA | Plasencia | 6.99 305 | P | Pn | 00 05 06.1 +1.1 |
| EPLA | Plasencia | 0.6nm,0.1s,SNR=5.6 | S | Sn | 00 06 23.4 -1.1 |
| EPLA | Plasencia | 0.2nm,0.1s,SNR=7.9 | P | Pn | 00 05 06.1 +1.1 |
| EPLA | Plasencia | 0.6nm,0.1s,SNR=5.6 | S | Sn | 00 06 23.4 -1.1 |
| PBAR | Barrancos | 0.2nm,0.1s,SNR=7.9 | ePn | Pn | 00 05 05.5 +0.4 |
| PBAR | Barrancos | 0.6nm,0.2s,SNR=5.0 | eSn | Pn | 00 06 22.0 +2.3 |
| PBAR | Barrancos | 1.3nm,0.4s | P | Pn | 00 06 25.1 |
| PBAR | Barrancos | 1.3nm,0.4s | S | Sn | 00 05 05.5 +0.4 |
| PBAR | Barrancos | 1.3nm,0.4s | S | Sn | 00 06 22.4 -2.3 |
| PBAR | Barrancos | 1.3nm,0.4s | P | Pn | 00 05 05.5 +0.4 |
| PBAR | Barrancos | 1.3nm,0.4s | S | Sn | 00 06 22.4 -2.3 |
| MTLF | Montoliu | 7.04 5 | ePn | Pn | 00 05 06.5 +0.8 |
| MTLF | Montoliu | 1.1nm,0.5s | eSn | Pn | 00 06 23.5 -2.3 |
| MTLF | Montoliu | 0.6nm,0.5s | P | Pn | 00 05 06.5 +0.8 |
| MTLF | Montoliu | 0.6nm,0.5s | S | Sn | 00 06 23.5 -2.3 |
| SJPF | Ste Jean | 0.6nm,0.5s | ePn | Pn | 00 05 07.7 +1.4 |
| SJPF | Ste Jean | 2.5nm,0.5s | eSn | Pn | 00 06 25.2 -1.7 |
| SJPF | Ste Jean | 1.2nm,0.5s | P | Pn | 00 05 07.7 +1.4 |
| SJPF | Ste Jean | 1.2nm,0.5s | S | Sn | 00 06 25.2 -1.7 |
| SJPF | Ste Jean | 1.2nm,0.5s | ePn | Pn | 00 05 07.7 +1.4 |
| SJPF | Ste Jean | 1.2nm,0.5s | eSn | Pn | 00 06 25.2 -1.7 |
| EBAD | Badajoz | 1.2nm,0.5s | P | Pn | 00 05 07.2 +0.3 |
| EBAD | Badajoz | 0.7nm,0.1s,SNR=8.2 | S | Sn | 00 05 07.2 +0.3 |
| EBAD | Badajoz | 2.0nm,0.2s,SNR=7.9 | P | Pn | 00 05 07.2 +0.3 |
| EBAD | Badajoz | 0.7nm,0.1s,SNR=8.2 | S | Sn | 00 06 24.2 -3.7 |
| EBAD | Badajoz | 2.0nm,0.2s,SNR=7.9 | P | Pn | 00 05 07.2 +0.3 |
| EBAD | Badajoz | 0.7nm,0.1s,SNR=8.2 | S | Sn | 00 06 24.2 -3.7 |
| ELIZ | Elizondo | 0.7nm,0.1s,SNR=8.2 | P | Pn | 00 05 09.6 +1.7 |
| ELIZ | Elizondo | 0.5nm,0.2s,SNR=7.9 | S | Sn | 00 06 27.4 -2.4 |
| ELIZ | Elizondo | 0.5nm,0.2s,SNR=7.9 | P | Pn | 00 05 09.6 +1.6 |
| ELIZ | Elizondo | 0.5nm,0.2s,SNR=7.9 | S | Sn | 00 06 27.4 -2.4 |
| EGRO | Ei Granado | 7.6nm,0.5s,SNR=7.9 | P | Pn | 00 05 08.3 0.0 |
| EGRO | Ei Granado | 0.8nm,0.1s,SNR=6.5 | P | Pn | 00 05 08.3 0.0 |
| EGRO | Ei Granado | 0.8nm,0.1s,SNR=6.5 | S | Sn | 00 05 08.3 0.0 |
| EGRO | Ei Granado | 0.8nm,0.1s,SNR=6.5 | P | Pn | 00 05 08.3 -0.1 |
| EALK | Alkurruntz | 5.5nm,0.4s,SNR=7.9 | P | Pn | 00 05 10.3 +1.7 |
| EALK | Alkurruntz | 5.5nm,0.4s,SNR=7.9 | S | Sn | 00 06 30.1 -0.8 |
| EALK | Alkurruntz | 5.5nm,0.4s,SNR=7.9 | P | Pn | 00 05 10.3 +1.7 |
| EALK | Alkurruntz | 5.5nm,0.4s,SNR=7.9 | S | Sn | 00 06 30.1 -0.8 |
| PVAQ | Vaqueiros | 5.5nm,0.4s,SNR=7.9 | ePn | Pn | 00 05 10.2 -0.5 |
| PVAQ | Vaqueiros | 5.5nm,0.4s,SNR=7.9 | eSn | Pn | 00 06 30.4 -4.3 |
| PVAQ | Vaqueiros | 2.1nm,0.9s | P | Pn | 00 05 10.2 -0.5 |
| PVAQ | Vaqueiros | 2.1nm,0.9s | S | Sn | 00 06 30.4 -4.3 |
| PVAQ | Vaqueiros | 2.1nm,0.9s | P | Pn | 00 05 10.2 -0.5 |
| PVAQ | Vaqueiros | 2.1nm,0.9s | S | Sn | 00 06 30.4 -4.3 |
| PVAQ | Vaqueiros | 2.1nm,0.9s | ePn | Pn | 00 05 10.2 -0.5 |
| PVAQ | Vaqueiros | 2.1nm,0.9s | eSn | Pn | 00 06 30.4 -4.3 |
| PBDV | Barranco-do-Ve | 7.56 280 | ePn | Pn | 00 05 12.7 -0.1 |
| PBDV | Barranco-do-Ve | 7.56 280 | P | Pn | 00 05 12.7 -0.1 |
| PBDV | Barranco-do-Ve | 7.56 280 | P | Pn | 00 05 12.7 -0.1 |
| PBDV | Barranco-do-Ve | 7.56 280 | P | Pn | 00 05 12.7 -0.1 |
| PBDV | Barranco-do-Ve | 7.56 280 | ePn | Pn | 00 05 12.7 -0.1 |
| PESTR | Estremoz | 7.59 292 | P | Pn | 00 05 15.0 +1.7 |
| PESTR | Estremoz | 7.59 292 | P | Pn | 00 05 15.0 +1.7 |
| PESTR | Estremoz | 7.59 292 | ePn | Pn | 00 05 15.0 +1.7 |
| PESTR | Estremoz | 7.59 292 | P | Pn | 00 05 15.0 +1.7 |
| PBEJ | Beja | 7.60 286 | ePn | Pn | 00 05 13.1 -0.4 |
| PBEJ | Beja | 7.60 286 | P | Pn | 00 05 13.1 -0.4 |
| PBEJ | Beja | 7.60 286 | P | Pn | 00 05 13.1 -0.4 |
| PBEJ | Beja | 7.60 286 | P | Pn | 00 05 13.1 -0.4 |
| PBEJ | Beja | 7.60 286 | ePn | Pn | 00 05 13.1 -0.4 |
| PCVE | Castro Verde | 7.68 283 | ePn | Pn | 00 05 13.9 -0.6 |
| PCVE | Castro Verde | 7.68 283 | P | Pn | 00 05 13.9 -0.6 |
| PCVE | Castro Verde | 7.68 283 | P | Pn | 00 05 13.9 -0.6 |
| PCVE | Castro Verde | 7.68 283 | P | Pn | 00 05 13.9 -0.6 |
| PCVE | Castro Verde | 7.68 283 | ePn | Pn | 00 05 13.9 -0.6 |
| ELAN | Lanestosa | 7.85 333 | P | Pn | 00 05 20.2 +3.4 |
| ELAN | Lanestosa | 3.3nm,0.2s,SNR=18 | S | Sn | 00 06 43.8 -1.9 |
| ELAN | Lanestosa | 3.3nm,0.2s,SNR=18 | P | Pn | 00 05 20.2 +3.4 |
| ELAN | Lanestosa | 3.3nm,0.2s,SNR=18 | S | Sn | 00 06 43.8 -1.9 |
| LMR | La Mourre | 8.03 28 | ePn | Pn | 00 05 19.1 -0.2 |
| LMR | La Mourre | 2.6nm,0.3s | eSn | Pn | 00 06 45.6 -4.5 |
| LMR | La Mourre | 1.3nm,0.3s | P | Pn | 00 05 19.1 -0.2 |
| LMR | La Mourre | 1.3nm,0.3s | S | Sn | 00 06 45.6 -4.5 |
| LMR | La Mourre | 1.3nm,0.3s | ePn | Pn | 00 05 19.1 -0.2 |
| LMR | La Mourre | 1.3nm,0.3s | eSn | Pn | 00 06 45.6 -4.5 |
| MORF | Marnelele | 8.13 280 | ePn | Pn | 00 05 21.6 +0.8 |
| MORF | Marnelele | 8.13 280 | P | Pn | 00 05 21.6 +0.8 |
| MORF | Marnelele | 8.13 280 | P | Pn | 00 05 21.6 +0.8 |
| MORF | Marnelele | 8.13 280 | P | Pn | 00 05 21.6 +0.8 |
| MORF | Marnelele | 8.13 280 | ePn | Pn | 00 05 21.6 +0.8 |
| MVO | Moncorvo | 0.9nm,0.1s,SNR=7.9 | P | Pn | 00 05 22.0 +0.8 |
| MVO | Moncorvo | 0.3nm,0.1s,SNR=7.9 | S | Sn | 00 06 52.0 -1.8 |
| MVO | Moncorvo | 0.9nm,0.1s,SNR=7.9 | P | Pn | 00 05 22.0 +0.8 |
| MVO | Moncorvo | 0.9nm,0.1s,SNR=7.9 | S | Sn | 00 06 52.0 -1.8 |
| MVO | Moncorvo | 0.9nm,0.1s,SNR=7.9 | P | Pn | 00 05 22.0 +0.8 |
| MVO | Moncorvo | 0.9nm,0.1s,SNR=7.9 | S | Sn | 00 06 52.0 -1.8 |
| PTEO | Sao Teotonio | 8.21 282 | ePn | Pn | 00 05 21.7 -0.1 |
| PTEO | Sao Teotonio | 8.21 282 | P | Pn | 00 05 21.7 -0.1 |
| PTEO | Sao Teotonio | 8.21 282 | P | Pn | 00 05 21.7 -0.1 |
| PTEO | Sao Teotonio | 8.21 282 | P | Pn | 00 05 21.7 -0.1 |
| PTEO | Sao Teotonio | 8.21 282 | ePn | Pn | 00 05 21.7 -0.1 |
| PFVI | Vila Bisbo | 0.7nm,0.1s,SNR=7.9 | ePn | Pn | 00 05 22.0 -0.5 |
| PFVI | Vila Bisbo | 0.7nm,0.1s,SNR=7.9 | P | Pn | 00 05 22.0 -0.5 |
| PFVI | Vila Bisbo | 0.7nm,0.1s,SNR=7.9 | P | Pn | 00 05 22.0 -0.5 |
| PFVI | Vila Bisbo | 0.7nm,0.1s,SNR=7.9 | P | Pn | 00 05 22.0 -0.5 |
| PFVI | Vila Bisbo | 0.7nm,0.1s,SNR=7.9 | ePn | Pn | 00 05 22.0 -0.5 |
| FRF | La Foret Royal | 4.4nm,0.4s | ePn | Pn | 00 05 22.3 -0.3 |
| FRF | La Foret Royal | 2.2nm,0.4s | S | Sn | 00 06 51.6 -4.5 |
| FRF | La Foret Royal | 4.4nm,0.4s | P | Pn | 00 05 22.3 -0.3 |
| FRF | La Foret Royal | 4.4nm,0.4s | S | Sn | 00 06 51.6 -4.5 |
| FRF | La Foret Royal | 4.4nm,0.4s | ePn | Pn | 00 05 22.3 -0.3 |
| FRF | La Foret Royal | 4.4nm,0.4s | eSn | Pn | 00 06 51.6 -4.5 |

| | | | | | |
|------|----------------|--------------------|-----|----|-----------------|
| FRF | La Foret Royal | 8.27 27 | ePn | Pn | 00 05 22.3 -0.3 |
| SMRF | Simiane la Rot | 8.29 21 | ePn | Pn | 00 05 22.8 0.0 |
| SMRF | Simiane la Rot | 1.0nm,0.5s | eSn | Pn | 00 06 52.3 -4.1 |
| SMRF | Simiane la Rot | 0.0nm,0.5s | P | Pn | 00 05 22.8 0.0 |
| SMRF | Simiane la Rot | 0.0nm,0.5s | S | Sn | 00 06 52.3 -4.1 |
| SMRF | Simiane la Rot | 0.0nm,0.5s | ePn | Pn | 00 05 22.8 0.0 |
| SMRF | Simiane la Rot | 0.0nm,0.5s | eSn | Pn | 00 06 52.3 -4.1 |
| ECAL | Calabor | 8.29 21 | ePn | Pn | 00 05 22.8 0.0 |
| ECAL | Calabor | 1.0nm,0.2s,SNR=5.0 | P | Pn | 00 05 26.5 +1.2 |
| ECAL | Calabor | 1.0nm,0.2s,SNR=5.0 | P | Pn | 00 05 26.5 +1.2 |
| ECAL | Calabor | 1.0nm,0.2s,SNR=5.0 | P | Pn | 00 05 26.5 +1.2 |
| ECAL | Calabor | 1.0nm,0.2s,SNR=5.0 | P | Pn | 00 05 26.5 +1.2 |
| ECAL | Calabor | 1.0nm,0.2s,SNR=5.0 | P | Pn | 00 05 26.5 +1.2 |
| PGF | Pioggiola | 8.55 41 | ePn | Pn | 00 05 25.1 -1.3 |
| PGF | Pioggiola | 2.2nm,0.3s | eSn | Pn | 00 06 56.3 -6.6 |
| PGF | Pioggiola | 1.1nm,0.3s | P | Pn | 00 05 25.1 -1.3 |
| PGF | Pioggiola | 1.1nm,0.3s | S | Sn | 00 06 56.3 -6.6 |
| PGF | Pioggiola | 1.1nm,0.3s | ePn | Pn | 00 05 25.1 -1.3 |
| PGF | Pioggiola | 1.1nm,0.3s | eSn | Pn | 00 06 56.3 -6.6 |
| CAF | Calviac | 8.61 3 | ePn | Pn | 00 05 27.5 +0.2 |
| CAF | Calviac | 0.9nm,0.4s | P | Pn | 00 07 01.1 -3.4 |
| CAF | Calviac | 0.4nm,0.4s | P | Pn | 00 05 27.5 +0.2 |
| CAF | Calviac | 0.4nm,0.4s | S | Sn | 00 07 01.1 -3.4 |
| CAF | Calviac | 0.4nm,0.4s | ePn | Pn | 00 05 27.5 +0.2 |
| CAF | Calviac | 0.4nm,0.4s | eSn | Pn | 00 07 01.1 -3.4 |
| LFF | La Frestale | 8.63 357 | ePn | Pn | 00 05 28.1 +0.6 |
| LFF | La Frestale | 3.5nm,0.6s | S | Sn | 00 07 01.6 -3.2 |
| LFF | La Frestale | 1.8nm,0.6s | P | Pn | 00 05 28.1 +0.6 |
| LFF | La Frestale | 1.8nm,0.6s | S | Sn | 00 07 01.6 -3.2 |
| LFF | La Frestale | 1.8nm,0.6s | ePn | Pn | 00 05 28.1 +0.6 |
| LFF | La Frestale | 1.8nm,0.6s | eSn | Pn | 00 07 01.6 -3.2 |
| SBF | Sospel | 8.83 30 | ePn | Pn | 00 05 29.8 -0.5 |
| SBF | Sospel | 1.9nm,0.3s | eSn | Pn | 00 07 04.2 -5.7 |
| SBF | Sospel | 0.9nm,0.3s | P | Pn | 00 05 29.8 -0.5 |
| SBF | Sospel | 0.9nm,0.3s | S | Sn | 00 07 04.2 -5.7 |
| SBF | Sospel | 0.9nm,0.3s | ePn | Pn | 00 05 29.8 -0.5 |
| SBF | Sospel | 0.9nm,0.3s | eSn | Pn | 00 07 04.2 -5.7 |
| RJF | Les Rejaudoux | 8.98 0 | ePn | Pn | 00 05 32.8 +0.5 |
| RJF | Les Rejaudoux | 0.6nm,0.2s | P | Pn | 00 07 10.3 -3.1 |
| RJF | Les Rejaudoux | 0.3nm,0.2s | P | Pn | 00 05 32.8 +0.5 |
| RJF | Les Rejaudoux | 0.3nm,0.2s | S | Sn | 00 07 10.3 -3.1 |
| RJF | Les Rejaudoux | 0.3nm,0.2s | ePn | Pn | 00 05 32.8 +0.5 |
| RJF | Les Rejaudoux | 0.3nm,0.2s | eSn | Pn | 00 07 10.3 -3.1 |
| LPG | La Plagne | 10.02 22 | ePn | Pn | 00 05 46.6 +0.1 |
| LPG | La Plagne | 0.6nm,0.3s | P | Pn | 00 07 33.8 -5.1 |
| LPG | La Plagne | 0.3nm,0.3s | P | Pn | 00 05 46.6 +0.1 |
| LPG | La Plagne | 0.3nm,0.3s | S | Sn | 00 07 33.8 -5.1 |
| LPG | La Plagne | 0.3nm,0.3s | ePn | Pn | 00 05 46.6 +0.1 |
| LPG | La Plagne | 0.3nm,0.3s | eSn | Pn | 00 07 33.8 -5.1 |
| LPL | La Plagne | 10.03 22 | ePn | Pn | 00 05 46.8 +0.1 |
| LPL | La Plagne | 0.6nm,0.3s | P | Pn | 00 07 33.8 -5.4 |
| LPL | La Plagne | 0.3nm,0.3s | P | Pn | 00 05 46.8 +0.1 |
| LPL | La Plagne | 0.3nm,0.3s | S | Sn | 00 07 33.8 -5.4 |
| LPL | La Plagne | 0.3nm,0.3s | ePn | Pn | 00 05 46.8 +0.1 |
| LPL | La Plagne | 0.3nm,0.3s | eSn | Pn | 00 07 33.8 -5.4 |

| | | | | | |
|------|--------|----------|-----|----|-----------------|
| BODT | Bodrum | 1.41 338 | iPn | Pn | 00 10 43.8 -1.0 |
| AKAS | Kas | 1.42 70 | iP | Pn | 00 10 45.8 +0.8 |
| AKAS | Kas | 1.42 70 | iP | Pn | 00 11 04.1 +1.3 |
| AKAS | Kas | 1.42 70 | iP | Pn | 00 10 45.8 +0.8 |
| AKAS | Kas | 1.42 70 | iP | Pn | 00 11 04.1 +1.3 |
| AKAS | Kas | 1.42 70 | iP | Pn | 00 10 45.8 +0.8 |
| AKAS | Kas | 1.42 70 | iP | | |

16d 0h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like HDMB Hadim, VLY Voula, Athens, and many others across various frequencies.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like HFS Hagfors, ROSF Rostrenen, NOA NORSTAR Array B, etc.

DJA 16 00:21:29.0745:123.53E,h33km,MLV3.8/4,Minahassa Peninsula, Sulawesi

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

TAP 16 00:24:11.7,21:19N:121.23E,h71km,ML3.5,C,Taiwan region

Large table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TSEB Hengchuen, Pin, TSEB Hengchuen, TWKI Hengchuen, etc.

NEIC 16 00:50:05.7,17:29N:94:57W,h154km,MD4.0(MEX), After MEX.

MEX 16 00:50:05.7+0.6,17:29N:94:57W,h154km,7km,MD4.0, Chiapas

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CMIG Matias Romero, VHO Vista Hermosa, etc.

ISK 16 00:55:47.4,34:11N:32:14E,h22km,ML3.6

ISCJBJ 16 00:55:48.9,1.0,34:33N:0:02:32:07E:0.04,h8km,8km

NEIC 16 00:55:49.7,34:33N:31:90E,h25km,ML3.6(NIC), ML3.6(ISK), After NIC.

NIC 16 00:55:49.7+0.2,34:33N:31:90E,h25km,ML3.6,MW3.4

CSEM 16 00:55:50.1+0.2,34:33N:32:12E,h5km,MW3.4, Error ellipse: s-maj=5.1km s-min=3.8km az=15.5

HLW 16 00:55:52.4,34:44N:32:11E,h32km,49km,ML3.2,ML3.3

ISC 16 00:55:50.0,8,34:36N:0:02:32:13E:0.04,h5km,5km, n87, r1501/103,Cyprus region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PPGY Paphos, SZAC Souni-Zanaja, ALFC Alevga, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MAMC Mammari, LFK Lefkose, PHNC Paralimni, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BHL Bhannes, ELL Elmali, HWQ Hawqa, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AMAG Maghara, LADK Ladik-KONYA, KAR Karaisali, etc.

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BODT Bodrum, ALT Altintas, KULA Kula-Manisa, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like HBST Basata, IZM Izmir, IZM Izmir, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JAK Jaku, JAK Rausu, JAK Nakash, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CD2 Chengdu, LZH Lanzhou, GYA Guiyang, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GTA WWH, WWH Wuhuan.

NEIC 16 01:42:59.7,40:94S:174:65E,h66km,ML4.1(WEL), After WEL 16 01:42:59.6+0.1,40:94S:174:65E,h66km,1km,ML4.2/20, 7C-13D, Error ellipse: s-maj=0.8km s-min=0.7km az=90.0, Cook Strait

Large table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KIWI Kapiti Island, CAW Cannon Point, WEL Wellington, etc.

JMA 16 01:31:58.4,31:13N:103:36E,h11km,ML3.7/13,1C, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like NEM2 Nemuro 2, AKK Akkeshi, JAK Rausu, etc.

CSEM 16 02:03:14.9,0.1,32:26N:50:16E,h5km,ML3.7, Error ellipse: s-maj=5.9km s-min=2.6km az=119.0, Northern and central Iran

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SHGR Shooshtar-Gavs, ASAO Ashtian, NASN Na'in, etc.

NNC 16 02:04:51.0,2.0,36:89N:69:49E,h0km,mb3.6,mpv3.4, Error ellipse: s-maj=19.0km s-min=15.0km az=99.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AML Almayashu, KK31 Karatay Array, UCH Uchto, etc.

NEIC 16:02:10.43.0.31:75S:72.06W, h29km, ML3.0(GUC), After GUC.

GUC 16:02:10.43.0.0.9,31:75S:72.06W, h29km,5km, MD3.5, ML3.0,2C-2D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CHNG Los Chungos, CMCH Combarbala, RCDM Rinconada Maip, etc.

NIED 16:02:12.00.27.40N:128.50E, h44km, Mw4.0 Best double couple: Mb1.17000+1019.11+42.00000; 867.00000

ISCJB 16:02:12.15.6.0.3, 27.49N:0.05:128.45E, 0.07, h55km, 5km, mb-min=3.9km az=39.9

NEIC 16:02:12.15.0.6.2, 27.51N:128.46E, h34km, 42km, mb4.2/6, Error ellipse: s-maj=19.7km s-min=9.8km az=69.0

NEIC Recorded [2 JMA] on Tokuno-shima and [1 JMA] on Okinawa and Okino-erabu-shima.

JMA 16:02:12.15.0.1, 27.42N:128.53E, h43km, 3km, M4.2 JMA Feil II J1.

IDC 16:02:12.21.5.4.0, 27.51N:128.42E, h94km, 36km, mb3.6/15, mb1.3/716, mb1mx3.8/26, mbtmp3.6/16, MS3.9/3.

Ms1.2/3, ms1mx2.6/26, Error ellipse: s-maj=30.9km s-min=17.0km az=73.0

ISC 16:02:12.16.5.0.3, 27.49N:0.05:128.44E, 0.07, h45km, 5km, n43, 0.76/51, mb4.0/23, MS3.6/2, Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JTK Tokunoshima, JIK Iheya, JIH Kunigami, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, ZALV Zalesovo Beam, KURK Kurchatov, etc.

ISCJB 16:02:20.15.8.0.6, 33.08N:0.04:92.0E, 0.1, h10km, mb3.7/7, MS3.2/2, Error ellipse: s-maj=14.4km s-min=6.2km az=5.4

IDC 16:02:20.15.9.1.1, 33.09N:91.95E, h0km, mb3.6/6, mb1.4/0.9, mb1mx3.8/23, mbtmp3.6/9, ML4.0/3, MS3.2/3, MS1.3/2.3, ms1mx2.6/27, Error ellipse: s-maj=39.8km s-min=20.0km az=55.5

BUJ 16:02:20.18.8.3, 33.03N:92.47E, h8km, mb4.4/1, mb3.9/3, ML4.1/3, MS3.7/2, Ms7.3/6/2

NEIC 16:02:20.18.5.0.7, 33.33N:92.73E, h10km, mb3.5/3, Error ellipse: s-maj=19.3km s-min=8.7km az=64.0

ISC 16:02:20.17.8.0.6, 33.10N:0.04:92.0E, 0.1, h10km, n20, 0.694/19, mb3.7/7, MS3.2/2, Qinghai

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LSA Lhasa, MKAR Makanchi Array, CMAR Chiang Mai Arr, etc.

IDC 16:02:30.33.8.4.0, 56.04S:26.03W, h0km, mb3.7/2, mb1.3/9.2, mb1mx3.7/12, mbtmp3.7/2, MS3.6/8, Ms1.3/6.8, s-min=42.5km az=28.0, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PLCA Paso Flores, CPUP Villa Florida, MAW Mawson, etc.

NIED 16:02:47.00.45:30N:151.40E, h41km, Mw3.9 Best double couple: Mb8.61000+1014.1 NP1.36:58.00000, 880.00000, 1.49.00000, NP2.159.00000, 842.00000, 1.65.00000

JMA 16:02:47.39.7.0.5, 45:28N:151.44E, h30km, M4.0, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NEM2 Nemuro 2, IRM2 Rausu, JNK Nakash, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JNKB Biratori 2, JBT2 Kayabe, JKB Nango, etc.

DJA 16:02:47.52.1.54N:125.26E, h96km, MLV4.1/4, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MNI Manado, KMSI Cbinong, TNU Ternate, etc.

IDC 16:03:23.19.3.1.6, 0.10N:125.98E, h0km, mb3.9/6, mb1.3/9.6, mb1mx3.7/21, mbtmp3.6/6, Error ellipse: s-maj=154.7km s-min=26.3km az=67.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, SONM Songoing Array, MKAR Makanchi Array, etc.

ISCJB 16:03:39.32.5.0.9, 37.36N:0.03:20.08E, 0.03, h7km, 5km, mb3.6/5, Error ellipse: s-maj=6.1km s-min=3.4km az=26.7

CSEM 16:03:39.33.0.3, 37.35N:20.23E, h2km, MD3.7, Error ellipse: s-maj=7.6km s-min=4.0km az=29.0

THE 16:03:39.33.9, 37.37N:20.22E, h0km, 2km, ML4.3/8, Error ellipse: s-maj=3.4km s-min=3.4km az=44.0

ATH 16:03:39.36.2, 37.40N:20.46E, h21km, 2km, MD3.7/17, NEIC 16:03:39.36.2, 37.40N:20.46E, h21km, MD3.7(ATH), After ATH.

IDC 16:03:39.38.3.4.0, 37.64N:20.69E, h33km, 9km, mb3.5/5, mb1.3/6.6, mb1mx3.4/25, mbtmp3.6/6, Error ellipse: s-maj=79.6km s-min=28.4km az=34.0

BEO 16:03:39.39.7.1, 37.80N:20.48E, h0km, ML3.6/3, ISC 16:03:39.36.0.9, 37.35N:0.04:20.15E, 0.03, h6km, 5km, n130, 0.112/171, mb3.6/5, 2C-4D, Ionian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like VLS Valsamata, KFL Anninata, RLS Riolos of Patr, etc.

GUC 16 04:26:20.0±0.5, 321.45:72.23W, h27km, 2km, MD3.9, ML3.3, 5C-3D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHNG Los Chungos, IHA Instituto Hidir, ROCH El Roble, etc.

IDC 16 04:38:31.1±1.6, 15.78S:173.06W, h0km, mb4.0/6, mb1 4.3/6, mb1mx4.1/18, mbtmp4.0/6, MS3.5/8, Ms1 3.5/8, ms1mx3.3/25, Error ellipse: s-maj=131.2km s-min=19.9km az=149.0

NEIC 16 04:38:32.8±0.5, 15.75S:173.11W, h10km, mb4.4/3, Error ellipse: s-maj=28.4km s-min=11.5km az=134.0

ISCJB 16 04:38:34.7±0.7, 15.75S:173.21W, h2.0, h33km, mb4.0/9, MS3.6/6, Error ellipse: s-maj=36.0km s-min=14.4km az=43.6

ISC 16 04:38:36.5±0.7, 15.75S:173.21W, h2.0, h35km, n25, c038/14, mb4.0/9, MS3.6/6, Tonga Islands

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

CASC 16 04:52:57.0±1.9, 13.93N:91.62W, h60km±20km, MD3.7, 4C, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JAT Jato, FUG Fuego 3, TP2 Tecpan 2, etc.

IDC 16 04:57:20.3±1.8, 16.189S:178.34W, h450km, 32km, mb4.1/3, mb1 4.2/4, mb1mx3.5/17, mbtmp4.1/4, Error ellipse:

s-maj=110.1km s-min=17.2km az=150.0

ISCJB 16 04:57:21.2±0.8, 17.45S:177.9W, h0.1, h50km, 11km, mb4.5/13, Error ellipse: s-maj=38.6km s-min=12.1km az=150.3

NEIC 16 04:57:22.5±1.0, 17.48S:177.96W, h500km, 9km, mb4.5/8, Error ellipse: s-maj=45.0km s-min=11.8km az=153.0

ISC 16 04:57:22.1±0.8, 17.45S:177.9W, h0.2, h502km, 11km, n42, c096/22, mb4.5/13, C, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSVF Nonavau, AFI Afiamalu, ANMA Armidale, etc.

NEIC 16 05:00:17.6±0.1, 44.01N:7.40E, h4km, ML2.5(LDG), ML2.5(STR), After LDG.

CSEM 16 05:00:17.3±0.1, 44.01N:7.36E, h12km, ML2.4/4, Error ellipse: s-maj=2.9km s-min=1.9km az=66.0

ROM 16 05:00:17.8±0.6, 44.06N:7.39E, h9km, 2km, Md2.3/6, MI1 8/5, Error ellipse: s-maj=9.8km s-min=2.1km az=48.0

ISCJB 16 05:00:17.0±0.3, 44.02N:0.02:7.34E, h10km, Error ellipse: s-maj=2.9km s-min=2.3km az=155.3

STR 16 05:00:17.6±0.1, 44.01N:7.38E, h5km, MI2.5, Error ellipse: s-maj=0.0km s-min=0.0km az=40.0

LDG 16 05:00:17.6±0.1, 44.01N:7.40E, h4km, Md2.4/3, MI2.5/8, Error ellipse: s-maj=1.0km s-min=0.8km az=70.0

ISC 16 05:00:17.3±0.4, 44.00N:0.02:7.37E, h10km, 2km, n46, c098/86, Northern Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AUTN L'Aution, MONT Mont Tournerai, LUCIF Luceram, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like QLNO Quilano, MBDF Montbardon, LMR La Moure, etc.

ISCJB 16 05:00:43.1±4.4, 13.45N:0.10:92.51E, h0.1, h4km, 28km, mb3.8/8, Error ellipse: s-maj=18.3km s-min=13.8km az=43.2

IDC 16 05:00:44.9±1.1, 13.47N:92.50E, h0km, mb3.7/6, mb1 3.9/7, mb1mx3.7/22, mbtmp3.7/7, mb3.7/1, Error ellipse: s-maj=34.5km s-min=20.1km az=62.0

NEIC 16 05:00:46.2±0.7, 13.44N:92.47E, h10km, Error ellipse: s-maj=15.0km s-min=12.2km az=69.0

ISC 16 05:00:44.8±5.3, 13.42N:0.10:92.51E, h1.0, h1km, 34km, n13, c062/14, mb3.9/8, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, CHTO Chiang Mai, LZH Lanzhou, etc.

IDC 16 06:15:13.4±4.3, 30.12S:138.67E, h0km, mb1 3.0/3,

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, STKA 0.1nm, 0.3s, baz=295, slow=15, SNR=4.9, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, ASAR 0.1nm, 0.3s, baz=151, slow=24, SNR=5.0, 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 WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, NNC 16 06:47:34.8, 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 CHNG Los Chungos, IHA Instituto Hiel, ROCH El Roble, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like TLL Tololo Astrono, CLCH Cerro Calan, TACH Talagante, etc.

ISK 16 07:00:36.9, 35.23N, 27.53E, h6km, ML3.2
ISCBJ 16 07:00:39.2, 1.0, 35.37N, 0.05:27.65E, 0.04, h2km, 6km,
Error ellipse: s-maj=9.2km s-min=4.5km az=150.7

Code Station Name Az Az2 Phase ID Time Res
KARP Karpathos 0.44 296 f1Pb Pg 07 00 48.3 +0.3
KARP Karpathos 0.44 296 f1Eb Sg 07 00 48.3 +0.3

Code Station Name Az Az2 Phase ID Time Res
ARG Arkhangelos 0.94 24 ePn Pg 07 00 57.1 -0.5
ARG Arkhangelos 0.94 24 ePn Sg 07 01 10.2 +0.4

Code Station Name Az Az2 Phase ID Time Res
KSL Kastellorizon 1.76 63 ePn Pg 07 01 11.0 -0.2
KSL Kastellorizon 1.76 63 ePn Sg 07 01 11.0 -0.2

Code Station Name Az Az2 Phase ID Time Res
KURK Kurchatov 5.59 232 f1Pn Pn 06 49 02.2 +3.0
KURK 3.8nm, 0.9s
MK31 Makanchi Array 7.56 200 f3Pn Pn 06 49 30.2 +4.0

Code Station Name Az Az2 Phase ID Time Res
TNTI Ternate 1.84 234 P S 07 06 28.2 -1.6
TNTI 0.8nm, 0.8s, mb4.5, baz=347, slow=2.8, SNR=4.3

Code Station Name Az Az2 Phase ID Time Res
TNTI Ternate 1.84 234 P S 07 06 28.2 -1.6
TNTI 0.8nm, 0.8s, mb4.5, baz=347, slow=2.8, SNR=4.3

PETK Petropavlovsk-56 39 20 P P 07 15 39.4 -0.4
PETK 2.5nm, 0.8s, mb4.3, baz=180, slow=7.4, SNR=4.6

Code Station Name Az Az2 Phase ID Time Res
ZALV Zalesovo Beam 0.60 264 P Pg 07 13 01.3 -0.1
ZALV 5.1nm, 0.3s, baz=66, slow=17, SNR=57

Code Station Name Az Az2 Phase ID Time Res
ZALV Zalesovo Beam 0.60 264 P Pg 07 13 01.3 -0.1
ZALV 5.1nm, 0.3s, baz=66, slow=17, SNR=57

Code Station Name Az Az2 Phase ID Time Res
VOSK Vostochnaya 9.11 268 f1Pn Pn 06 49 47.5 +0.2
VOSK 1.1nm, 0.9s

Code Station Name Az Az2 Phase ID Time Res
VNA1 Neumayer-Stat 12.01 164 e Pn 07 27 13.8 -1.3
VNA1 3.1nm, 0.7s, mb3.9, baz=80, slow=12, SNR=2.6

Code Station Name Az Az2 Phase ID Time Res
VNA1 Neumayer-Stat 12.01 164 e Pn 07 27 13.8 -1.3
VNA1 3.1nm, 0.7s, mb3.9, baz=80, slow=12, SNR=2.6

Code Station Name Az Az2 Phase ID Time Res
VNA1 Neumayer-Stat 12.01 164 e Pn 07 27 13.8 -1.3
VNA1 3.1nm, 0.7s, mb3.9, baz=80, slow=12, SNR=2.6

Code Station Name Az Az2 Phase ID Time Res
VNA1 Neumayer-Stat 12.01 164 e Pn 07 27 13.8 -1.3
VNA1 3.1nm, 0.7s, mb3.9, baz=80, slow=12, SNR=2.6

IDC 16 07:26:01.8±2.0, 32.111S:72.22W, h0km, mb3.8/1, mb1.3/6.5, mb1mx3.5/16, mbtmp3.5/5, ML3.6/3, Error ellipse: s-maj=61.6km s-min=21.8km az=179.0

ISCJB 16 07:26:03.8±1.0, 32.145S:0.03E:72.16W, 0.07, h23km, 2km, Error ellipse: s-maj=9.8km s-min=4.9km az=174.6

GUC 16 07:26:04.8±0.8, 32.165S:72.07W, h30km, 2km, MD4.0, ML3.8

NEIC 16 07:26:04.8, 32.165S:72.07W, h30km, ML3.8(GUC), After GUC.

ISC 16 07:26:03.8±1.2, 32.175S:0.03E:72.14W, 0.07, h14km, 6km, n39, c093/62, 12C-5D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Los Chungos, Instituto Hidro, Insitu Hidro, El Roble, Combarbala, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Antumapu, Farelones, Pirque, Chadas Angostu, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like El Canelo, Las Melosas, Coronal Fontan, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Las Campanas, Torquatos, Villa Florida, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Pagadian, Ipil, Cagayan de Oro, Sibulan, etc.

NEIC 16 07:45:37.4±0.8, 4.69N:94.63E, h35km, mb4.4/2, Error ellipse: s-maj=24.2km s-min=10.9km az=223.0

IDC 16 07:45:42.5±3.5, 4.98N:95.01E, h72km, 31km, mb3.9/12, mb1.4/0.13, mb1mx3.8/25, mbtmp3.9/13, MS3.3/2, Ms1.3/3.2, ms1mx2.6/36, Error ellipse: s-maj=40.7km s-min=14.5km az=52.0

ISCJB 16 07:45:43.0±2.2, 5.2N:0.1:95.2E:0.1, h90km, 21km, mb4.1/16, Error ellipse: s-maj=23.0km s-min=13.4km az=143.2

ISC 16 07:45:44.6±2.1, 5.2N:0.1:95.2E:0.1, h88km, 19km, n29, c0579/27, mb4.1/16, Northern Sumatara

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Prapat, Kulim, Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Makanchi Array, Malin Array, Malin Array B, etc.

NEIC 16 07:51:04.5, 32.115S:72.09W, h41km, MD3.6(GUC), After GUC.

GUC 16 07:51:04.5±0.6, 32.115S:72.09W, h41km, 2km, MD3.6, ML2.7, 3C-2D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Los Chungos, El Roble, Talagante, etc.

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

IDC 16 07:59:57.6±3.0, 52.50N:34.85E, h0km, mb1.3/8.3, mb1mx3.4/22, mbtmp3.8/3, ML3.2/4, Error ellipse: s-maj=34.2km s-min=10.9km az=113.0

ISC 16 07:59:56.6±2.6, 52.76N:10.347E:0.3, h10km, n6, c097/9, Baltic States - Belarus - Northwestern Russia

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

IDC 16 08:11:02.6±0.4, 16.56S:173.13W, h0km, mb5.1/25, mb1.5/22.5, mb1mx5.2/26, mbtmp5.1/25, MS5.2/23, Ms1.5/2.23, ms1mx5.1/28, Error ellipse: s-maj=15.5km s-min=7.2km az=146.0

SZGRF 16 08:11:04.6±0.1, 16.62S:172.71W, h29km, mb5.4, Tonga Islands region

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

Moment Tensor Solution, s102.c186: s60.c67: Moment tensor: Scale 1017N: Mr3.49t: 04: Mw=3.6±0.3; Mw0.11±0.03; Mw1.18±0.06; Mw0.24±0.03; Mw0.07±0.06; Best double couple: M3.90000:1017: NP1=81.00000; s37.00000; a69.00000; NP2=287.00000; s85.00000; a105.00000; Principal axes: T 3.9000, Plg74.00000, Azm239.00000; N -0.0700, Plg13.00000, Azm98.00000; P -3.8400, Plg10.00000, Azm6.00000; Data Used: IIU ICG CN Surface waves: sta=111, comp=234, per=50

DJA 16 08:11:40, 17.36S:174.75W, h23km, mb5.3/12

ISC 16 08:11:07.7±0.1, 16.65S:0.03E:172.96W, 0.03, h35km, n12, c186/1, dkm: PKP, n1251, c0898/75, mb5.4/180, MS5.3/246, 266C-230D, Samoa Islands region

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

NEIC 16 08:11:04.5, 32.115S:72.09W, h41km, MD3.6(GUC), After GUC.

GUC 16 08:11:04.5±0.6, 32.115S:72.09W, h41km, 2km, MD3.6, ML2.7, 3C-2D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Los Chungos, El Roble, Talagante, etc.

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

IDC 16 08:11:02.6±0.4, 16.56S:173.13W, h0km, mb5.1/25, mb1.5/22.5, mb1mx5.2/26, mbtmp5.1/25, MS5.2/23, Ms1.5/2.23, ms1mx5.1/28, Error ellipse: s-maj=15.5km s-min=7.2km az=146.0

SZGRF 16 08:11:04.6±0.1, 16.62S:172.71W, h29km, mb5.4, Tonga Islands region

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

IDC 16 08:11:02.6±0.4, 16.56S:173.13W, h0km, mb5.1/25, mb1.5/22.5, mb1mx5.2/26, mbtmp5.1/25, MS5.2/23, Ms1.5/2.23, ms1mx5.1/28, Error ellipse: s-maj=15.5km s-min=7.2km az=146.0

SZGRF 16 08:11:04.6±0.1, 16.62S:172.71W, h29km, mb5.4, Tonga Islands region

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

Table with columns: CTA, comp, P, Pmax, Pmax, and numerical values. Includes entries like Charters Tower, Port Moresby, and various other locations.

Table with columns: YUK, comp, P, Pmax, Pmax, and numerical values. Includes entries like Tawau, San Andreas, Marconi Confer, and various other locations.

Table with columns: YSS, comp, P, Pmax, Pmax, and numerical values. Includes entries like Furnace Creek, Turquoise Mountain, Shoshone, and various other locations.

Table with columns: TUC, comp, Z, M, J, S, M, S, 5, 4, LR, LR, P, P, 08 22 56.7 +0.3, etc. Lists various ranches and locations like Boquillas Ranc, Humboldt, Peralta Trail, etc.

Table with columns: QZH, comp, N, 950nm, 16.0s, MS5.4, LR, LR, P, P, 08 22 56.7 +0.2, etc. Lists ranches and locations like Panguitch, Sidney, Tonlesea, etc.

Table with columns: RC01, baz=80, Rabbit Creek A, 79.67 11 eP, P, 08 23 10.5 -0.7, etc. Lists ranches and locations like Bishop Ranch, Stokes Ranch, Big Grassy Mow, etc.

Table with columns for location, coordinates, time, and status. Includes entries like BRG comp=N,382nm,16.0s, BRG comp=E,307nm,16.2s, BRG comp=Z,564nm,14.0s, etc.

Table with columns for location, coordinates, time, and status. Includes entries like WLF comp=Z,884nm,20.0s,M55.5, PSZ comp=Z,884nm,20.0s,M55.5, PSZ comp=Z,603nm,19.0s,M55.4, etc.

Table with columns for location, coordinates, time, and status. Includes entries like LFK Leftkose 149.95 313 eP, SMF Signal de Mont 149.97 4 ePKIPK, BGF Bois d'Angland 149.97 6 ePKIPK, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other technical details. Includes stations like WCI Wyandotte Cave, M19A Rock Springs, O12A Currie, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other technical details. Includes stations like RLMT Red Lodge, H11A Placerville, H14A Leasa, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other technical details. Includes stations like LPAZ La Paz, B08A Colville Reser, NLWA Neilton Lookou, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMCH Combarbala, JACH Jahuel, TACH Talagante, etc.

CSEM 16 12:27:33.6, 0.2, 45.56N, 26.36E, h149km, 2km, MD4.6/2, Error ellipse: s-maj=3.8km s-min=3.3km az=49.0

ISCJB 16 12:27:33.5, 2.1, 45.52N, 26.25E, h142km, 21km, mb3.4/6, mb1.3/4.10, mb1mx3.2/24, mbtmp3.3/10, Error ellipse: s-maj=21.0km s-min=19.1km az=137.0

ASCJB 16 12:27:33.2, 0.3, 45.57N, 0.03, 26.37E, 0.04, h149km, 3km, mb3.7/6, Error ellipse: s-maj=4.5km s-min=4.2km az=31.7

BU 16 12:27:33.7, 1.3, 45.56N, 26.36E, h149km, 12km, MD4.6/2, Error ellipse: s-maj=9.3km s-min=8.1km az=77.0

NEIC 16 12:27:34.2, 45.45N, 26.37E, h143km, MG3.7(BUC), After BUC

SOF 16 12:27:35.8, 45.46N, 26.23E, h125km, MD3.2, ISC 16 12:27:34.2, 0.3, 45.56N, 0.03, 26.37E, 0.04, h146km, 2km, n124, 0.677/163, mb3.7/6, 47C-25D, Romania

Main table listing station data for the first column, including codes like MLR, GZR, HFC, etc.

Main table listing station data for the second column, including codes like KIS, PSN, SZH, etc.

NEIC 16 12:27:50.1, 37.26S, 179.43E, h33km, ML3.7(WEL), After WEL

WEL 16 12:27:48.6, 0.3, 37.32S, 179.44E, h12km, ML3.7/6, Error ellipse: s-maj=2.4km s-min=2.3km az=0.0, Off east coast of North Island

Table listing station data for the third column, including codes like Code, Station Name, Az, Az', Phase ID, etc.

CASC 16 12:28:57.6, 2.1, 13.98N, 91.73W, h23km, 12km, MD3.6, 2C-3D, Near coast of Guatemala

Table listing station data for the fourth column, including codes like Code, Station Name, Az, Az', Phase ID, etc.

IDC 16 12:40:41.8, 1.4, 16.29S, 173.07W, h0km, mb4.1/5, mb1.4/2.6, mb1mx3.9/21, mbtmp4.1/6, ML2.2/1, Error ellipse: s-maj=39.4km s-min=27.1km az=122.0, Tonga Islands

Table listing station data for the fifth column, including codes like Code, Station Name, Az, Az', Phase ID, etc.

ISCJB 16 12:48:38.3, 2.2, 28.57S, 0.04, 175.74W, 0.05, h6km, 13km, mb4.9/49, MS4.5/17, Error ellipse: s-maj=9.0km s-min=4.5km az=39.3

IDC 16 12:48:39.6, 0.4, 28.19S, 175.73W, h0km, mb4.7/19, mb1.4/8.20, mb1mx4.8/22, mbtmp4.6/20, ML5.3/2, MS4.2/12, Ms1.4/2.12, ms1mx4.0/30, Error ellipse: s-maj=16.5km s-min=13.8km az=151.0

BU 16 12:48:40.9, 27.81S, 175.33W, h13km, mb5.5/19, mb5.1/26, MS5.2/14, Ms7.4/9.15

NEIC 16 12:48:41.2, 0.1, 28.22S, 175.74W, h10km, mb4.9/25, Error ellipse: s-maj=7.1km s-min=4.1km az=140.0

GCMT 16 12:48:45.0, 2.8, 28.08S, 175.43W, h17km, MW5.1, Moment tensor: Scale 10^16Nm, Mr=4.05e-24, Mw=1.21e-18, Mw5.27e-15, Mw0.61e-15, Mw1.16e-11, Mw-0.34e-33; Best double couple: M=4.80000e+10, N=1.20000e+10, P=4.80000e+10, 0.45, 0.00000, -1, -71, 0.00000, NP2=357.00000, 0.48, 0.00000, -1, -108, 0.00000, Principal axes: T 5.4800, P1g1.0000, Azm10.0000, N -1.2600, P1g13.0000, Azm9.0000, P -4.2100, P1g7.0000, Azm196.0000, Data Used: II IUIC

ISC 16 12:48:40.4, 2.1, 28.54S, 0.04, 175.71W, 0.05, h9km, 13km, h20m, 4.5km, PP-P, n484, 0.667/430, mb4.9/49, MS4.5/17, 147C-127D, Kermadec Islands region

Main table listing station data for the sixth column, including codes like Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RAO, RAOUL, MXZ, etc.

| | | |
|---|---|--|
| QSPA South Pole Qui 61.57 180 P P 12 59 01.4 +4.0 | NJ2 comp=E,570nm,15.8s LR LR | N13A baz=90,SNR=11 Wendover, West 89.50 42 ↑ P P 13 01 38.2 +0.3 |
| PMSA Palmer Station 73.13 155 P P 13 00 13.0 +2.1 | comp=Z,730nm,17.5s,MS5.1 | N13A baz=90 Wendover, West 89.50 42 ↑ P P 13 01 38.7 +0.8 |
| MAW Mawson 74.74 200 eP P 13 00 23.4 +3.1 | T16A Peralta Trail, 86.58 49 ↓ P P 13 01 24.1 0.0 | 425A baz=90,SNR=12 India 89.55 44 ↑ P P 13 01 38.4 +0.1 |
| MAW Mawson 74.74 200 P P 13 00 23.8 +3.5 | Z11A Corn Creek, Al 86.59 44 ↑ P P 13 01 24.5 +0.5 | Z22A Elephant Butte 89.55 51 ↑ P P 13 01 38.6 +0.2 |
| MAW Mawson 74.74 200 eP P 13 00 23.6 +3.3 | W14A Seligman 86.65 47 ↓ P P 13 01 25.1 +0.7 | 324A Moseley Ranch, 89.56 54 ↑ P P 13 01 37.9 -0.5 |
| KSM Kuching 76.67 279 eP P 13 00 32.4 +0.1 | 218A Dragon 86.69 51 ↑ P P 13 01 25.2 +0.4 | D05A Enucleum 89.57 33 ↑ P P 13 01 37.9 -0.1 |
| MJAR Matsushiro Arr 77.89 324 P P 13 00 36.4 -2.1 | X15A Humboldt 86.75 48 ↑ P P 13 01 25.5 +0.6 | S17A Black Ridge (B 89.59 46 ↑ P P 13 01 38.6 +0.2 |
| MAJO Matsushiro 77.89 324 eP P P 13 00 38.0 -0.5 | MOD Modoc 86.75 38 eP P 13 01 24.4 -0.4 | W20A Ramah 89.59 49 ↑ P P 13 01 39.3 +0.8 |
| MIAT Matsushiro 77.89 324 eP P P 13 00 37.9 -0.5 | U13A Pakoon Wash 86.84 45 ↑ P P 13 01 25.9 +0.6 | X21A Alamocita Cree 89.67 50 ↑ P P 13 01 39.4 +0.5 |
| SYO Syowa Base 79.36 192P eP P P 13 00 50.8 +1.7 | 319A Douglas 86.86 52 ↓ P P 13 01 26.0 +0.5 | K11A Parker Ranch, 89.68 39 ↓ P P 13 01 38.6 -0.1 |
| VNA1 Neumayer-Stat 80.69 176 eP P 13 00 54.8 +1.4 | Y16A Circle Bar 86.88 49 ↑ P P 13 01 26.2 +0.6 | TXAR baz=90,SNR=6.1 Lajitas Array 89.70 56 P P 13 01 39.2 0.0 |
| ASAJ Asahikawa 81.75 331 P P 13 00 60.0 +0.7 | V14A Boquillas Ranc 86.90 46 ↑ P P 13 01 26.2 +0.6 | comp=Z,5.3nm,0.9s,mb4.9,baz=209,slow=8.2,SNR=7.4 |
| PLCA Paso Flores 82.30 132 P P 13 01 04.5 +2.0 | Q10A Clear Creek Ra 86.90 42 ↑ P P 13 01 25.6 0.0 | MNTX comp=Z,2.5nm,0.7s,mb4.7 89.77 53 eP P 13 01 38.8 -0.6 |
| PLCA comp=Z,234nm,21.3s,MS4.5,baz=88,slow=30 LR LR 13 29 32.0 | K05A Summer Lake 87.00 37 ↑ P P 13 01 26.0 +0.1 | G08A Pilot Rock 89.78 36 ↑ P P 13 01 38.7 -0.3 |
| SMMC Simmier 82.42 43 ↑ P P 13 01 03.3 +0.3 | S12A Delamar Landin 87.05 44 ↑ P P 13 01 27.1 +0.8 | 526A Mary Lane Ranc 89.79 55 ↑ P P 13 01 39.0 -0.5 |
| MURC Murrieta 83.00 46 ↓ P P 13 01 06.1 0.0 | R11A Troy Canyon, C 87.08 43 ↑ P P 13 01 26.3 -0.1 | U19A Dine' College, 89.81 48 ↑ P P 13 01 39.6 +0.2 |
| MONP Monument Peak 83.04 47 ↑ P P 13 01 06.5 +0.3 | W15A Williams 87.16 47 ↓ P P 13 01 27.6 +0.8 | NAC Naches 89.82 34 P P 13 01 39.2 0.0 |
| EDW2 Edwards Air Fo 83.35 44 ↑ P P 13 01 07.7 -0.1 | Y17A Roosevelt 87.19 49 ↓ P P 13 01 27.6 +0.5 | P15A Leamington 89.85 44 P P 13 01 39.8 +0.2 |
| PFO Pinyon Flat Ob 83.48 46 ↑ P P 13 01 08.6 0.0 | Z17A San Carlos Hig 87.19 50 ↑ P P 13 01 27.6 +0.5 | L12A House Creek Ra 89.85 40 ↓ P P 13 01 39.6 +0.1 |
| ISA Isabella 83.58 44 ↑ P P 13 01 09.2 +0.2 | X16A Lo Mia Camp, P 87.23 48 ↑ P P 13 01 28.0 +0.8 | T18A Mexican Hat 89.88 47 ↓ P P 13 01 40.0 +0.3 |
| BBRC Big Bear Solar 83.61 45 ↓ P P 13 01 09.2 0.0 | 219A White Tail Can 87.25 51 ↑ P P 13 01 27.9 +0.4 | 325A Bean Ranch, Si 89.88 54 ↑ P P 13 01 39.4 -0.5 |
| LRMC Laurel Mountai 83.93 44 ↑ P P 13 01 11.1 +0.3 | U14A Mt Trubull 87.34 46 ↑ P P 13 01 28.4 +0.7 | 224A Cornudas Mount 89.89 53 ↓ P P 13 01 39.9 0.0 |
| YSS Yuzh-Sakhalins 83.97 333 eP P 13 01 10.7 0.0 | Q11A Duckwater 87.36 43 ↑ P P 13 01 27.5 -0.3 | CN2 Changchun 89.89 322 eP P 13 01 39.8 +0.2 |
| BELC Belle Mtn. Jos 84.02 46 ↑ P P 13 01 11.4 0.0 | Z18A Geronimo 87.36 50 ↓ P P 13 01 28.5 +0.5 | CN2 comp=Z,10.0nm,0.9s,mb5.2 pmax pmax |
| CMB Columbia Colle 84.05 41 eP P 13 01 11.0 -0.4 | W16A Flagstaff 87.58 48 ↓ P P 13 01 29.4 +0.2 | CN2 comp=Z,200nm,4.0s LR LR |
| BC3 Big Chuckawall 84.15 47 ↑ P P 13 01 12.2 +0.2 | X17A Forest Lakes 87.60 49 ↓ P P 13 01 30.1 +1.1 | CN2 comp=N,200nm,18.0s,MS4.7 LR LR |
| GLA Glamis 84.17 48 ↑ P P 13 01 12.0 -0.1 | V15A Kaibab Nationa 87.61 47 ↑ P P 13 01 29.7 +0.6 | CN2 comp=E,200nm,18.0s,MS4.7 LR LR |
| GLS Glamis 84.17 48 eP P 13 01 12.3 +0.2 | S13A Holt Ranch, En 87.64 45 ↑ P P 13 01 29.5 +0.4 | CN2 comp=Z,400nm,19.0s,MS4.9 LR LR |
| KSR5 Korea Array 84.26 318 P P 13 01 12.8 +0.3 | R12A Pony Springs, 87.66 44 ↑ P P 13 01 29.6 +0.3 | Y22A Socorro 89.94 51 ↑ P P 13 01 40.4 +0.3 |
| KSRS comp=Z,66nm,21.4s,MS4.0,baz=115,slow=31 LR LR 13 31 46.9 | 119A Ashpeak Ranch, 87.67 51 ↑ P P 13 01 29.5 +0.0 | 627A Terlingua Ran 89.97 56 ↑ P P 13 01 40.3 0.0 |
| OHMC Honcut 84.33 39 eP P 13 01 12.2 -0.5 | 220A Playa Peak, P 87.69 52 ↓ P P 13 01 30.0 +0.4 | V20A Brimhall 90.01 49 ↓ P P 13 01 40.3 0.0 |
| CWC Cottonwood Cre 84.33 43 ↑ P P 13 01 12.9 0.0 | P11A Circle Ranch, 87.76 42 ↑ P P 13 01 29.5 -0.2 | LAZ Lador 90.09 50 eP P 13 01 41.2 +0.4 |
| HEC Hector,Ludlow 84.35 45 ↓ P P 13 01 12.9 0.0 | Y18A Canyo Day Jun 87.77 49 ↑ P P 13 01 30.6 +0.7 | R17A Hanksville Air 90.12 45 ↑ P P 13 01 40.5 -0.3 |
| GSC Goldstone 84.36 45 ↑ P P 13 01 13.0 0.0 | T14A Hurricane 87.80 45 ↓ P P 13 01 30.3 +0.3 | Q16A Castle Valley 90.13 45 ↑ P P 13 01 41.1 +0.3 |
| GSC Goldstone 84.36 45 eP P 13 01 12.9 -0.1 | U15A North Rim 87.91 46 ↑ P P 13 01 31.2 +0.8 | W21A San Fidel 90.16 50 ↑ P P 13 01 41.5 +0.4 |
| MPMC Manual Propsec 84.44 44 ↓ P P 13 01 13.5 +0.2 | CCUT Cedar City 87.93 45 eP P 13 01 30.3 -0.2 | 426A McDonald Obser 90.17 55 ↑ P P 13 01 41.1 -0.1 |
| PETK Petropavlovsk- 84.54 344 P P 13 01 13.0 -0.4 | WUAZ Wupatki 87.94 47 eP P 13 01 31.4 +0.7 | E07A Sunnyside 90.18 35 ↓ P P 13 01 41.1 +0.2 |
| PETK comp=Z,97nm,20.9s,MS4.2,baz=151,slow=30 LR LR 13 30 32.3 | WUAZ Wupatki 87.94 47 eP P 13 01 31.5 +0.9 | 527A Woodward Ranch 90.19 56 ↑ P P 13 01 41.0 -0.3 |
| WDC Whiskeytown Da 84.62 38 eP P 13 01 14.1 -0.1 | R13A O Grain Ranch, 87.95 44 eP P 13 01 31.2 +0.6 | RSW Rattlesnake Hi 90.20 35 eP P 13 01 41.4 +0.4 |
| MTUM Tungsten Hills 84.65 42 eP P 13 01 15.0 +0.6 | U15A North Rim 87.91 46 ↑ P P 13 01 31.2 +0.8 | MFID Camas Ranch 90.22 39 eP P 13 01 40.9 -0.2 |
| TIN Tinemaha 84.65 43 ↑ P P 13 01 14.7 +0.3 | CCUT Cedar City 87.93 45 eP P 13 01 30.3 -0.2 | HAWA Hanford 90.23 35 eP P 13 01 41.3 +0.1 |
| IRM Iron Mountain 84.67 46 ↑ P P 13 01 14.9 +0.3 | WUAZ Wupatki 87.94 47 eP P 13 01 31.4 +0.7 | X22A Bernardo 90.23 50 ↑ P P 13 01 42.1 +0.6 |
| 113A Mohawk Valley, 84.69 48 ↑ P P 13 01 14.6 -0.1 | WVOR Wild Horse Val 88.02 38 eP P 13 01 30.4 -0.4 | TBM Table Mountain 90.23 34 P P 13 01 41.2 +0.1 |
| GMRC Granite Mounta 84.74 46 ↓ P P 13 01 15.0 +0.1 | ARUT Antelope Rang 88.03 45 eP P 13 01 31.1 +0.1 | T19A Escabito 90.25 47 ↓ P P 13 01 41.5 +0.1 |
| 214A Organ Pipe Nat 84.81 49 ↑ P P 13 01 15.4 0.0 | O11A Cowboy Ranch, 88.19 42 ↑ P P 13 01 31.6 -0.1 | 124A Stringfield Ra 90.28 53 ↑ P P 13 01 41.9 +0.1 |
| TUQ Turquoise Moun 85.00 45 ↑ P P 13 01 16.2 0.0 | P12A McGill 88.21 43 ↑ P P 13 01 31.7 -0.2 | JCW Jim Creek 90.31 33 P P 13 01 41.4 -0.1 |
| Z13A Yuma Proving G 85.03 48 ↑ P P 13 01 16.4 0.0 | T15A Red Dirt Ranch 88.21 46 ↑ P P 13 01 32.3 +0.4 | U20A Newcomb 90.31 48 ↑ P P 13 01 41.9 +0.1 |
| FURC Furnace Creek, 85.09 44 ↑ P P 13 01 16.4 -0.3 | MDJ Mudanjing 88.25 324 P P 13 01 32.5 +0.6 | GBB Gable Butte 90.33 35 P P 13 01 41.7 +0.1 |
| GRAC Grapevine Rang 85.13 43 ↑ P P 13 01 17.0 +0.2 | MDJ 13 01 35.8 +1.0 pP | TMUT Trail Mountain 90.34 44 eP P 13 01 43.0 +1.2 |
| 114N Black Gap (USA 85.26 49 ↑ P P 13 01 17.5 -0.1 | MDJ 13 01 37.1 +1.3 sP | BMO Blue Mountains 90.35 37 eP P 13 01 41.4 -0.4 |
| WCN Washoe City 85.28 40 ↑ P P 13 01 17.6 +0.1 | comp=Z,19nm,1.2s,mb5.2 pmax pmax | 628A Black Gap, Mar 90.36 56 ↑ P P 13 01 41.9 -0.3 |
| LDFC Landfair 85.28 46 eP P 13 01 18.4 +0.8 | 221A Mesquite Ranch 88.27 52 ↓ P P 13 01 33.1 +0.7 | G09A Cove 90.39 37 ↑ P P 13 01 41.7 -0.2 |
| Y13A Salome 85.30 47 ↑ P P 13 01 18.0 +0.2 | X18A Snowflake 88.28 49 ↓ P P 13 01 32.8 +0.5 | 225A Deer Hill, Car 90.40 53 ↑ P P 13 01 42.1 -0.2 |
| KEBM Edson Butte 85.32 35 eP P 13 01 17.1 -0.5 | Z20A Nine Sixteen R 88.36 51 ↑ P P 13 01 33.5 +0.8 | M14A Sheep Mountain 90.41 42 ↑ P P 13 01 41.7 -0.4 |
| YBH Yreka Blue Hor 85.34 37 eP P 13 01 18.1 +0.3 | V17A Tonalea, Kykot 88.38 48 ↑ P P 13 01 33.2 +0.4 | L13A Double Diamond 90.43 41 ↑ P P 13 01 42.1 -0.1 |
| YBH Yreka Blue Hor 85.34 37 eP P 13 01 17.9 +0.1 | Y19A Nutroso 88.40 50 ↓ P P 13 01 34.0 +1.1 | I11A Placeville 90.47 39 ↑ P P 13 01 41.9 -0.4 |
| U10A Ash Meadows, A 85.38 44 ↑ P P 13 01 18.4 +0.3 | Q13A Wheeler Ranch, 88.41 43 ↑ P P 13 01 32.5 -0.3 | J12A Stokes Ranch, 90.52 40 ↑ P P 13 01 42.4 -0.2 |
| PDMC1 Parker Dam,Lak 85.40 47 ↓ P P 13 01 18.5 +0.2 | F04A Amboy 88.47 34 ↑ P P 13 01 32.7 -0.2 | V21A Milan 90.56 49 ↑ P P 13 01 43.0 0.0 |
| NVAR Mina Array Bea 85.52 42 P P 13 01 18.7 0.0 | U16A Tuba City 88.47 47 ↑ P P 13 01 33.7 +0.5 | Y23A Lovelace Mesa, 90.56 51 ↑ P P 13 01 42.5 -0.5 |
| W12A Cal Nev Ari 85.57 46 ↑ P P 13 01 19.3 +0.2 | VFP Flag Point 88.51 35 P P 13 01 33.0 -0.1 | R18A Canyonlands Na 90.61 46 ↑ P P 13 01 42.9 -0.3 |
| Z14A Wintersburg 85.59 48 ↑ P P 13 01 19.5 +0.2 | 121A Cookes Peak, D 88.57 52 ↑ P P 13 01 34.1 +0.4 | SRU San Rafael 90.65 45 ↑ P P 13 01 43.0 -0.3 |
| 216A Three Points, 85.75 50 ↑ P P 13 01 20.4 +0.3 | M10A L.L. Ranch, Tu 88.58 40 ↑ P P 13 01 33.4 -0.1 | SRU San Rafael 90.65 45 eP P 13 01 43.7 +0.4 |
| X13A Yucca 85.78 47 ↑ P P 13 01 20.3 +0.1 | N11A Elko Archery C 88.58 41 ↑ P P 13 01 33.4 -0.2 | ETW Bishop Farm, J 90.67 34 P P 13 01 43.2 +0.1 |
| HUMO Hull Mountain 85.84 36 eP P 13 01 20.5 +0.3 | S15A Panguitch 88.63 45 ↓ P P 13 01 35.1 +1.2 | RPW Rockport 90.68 33 eP P 13 01 42.5 -0.3 |
| V12A Nelson 85.85 45 ↑ P P 13 01 21.0 +0.5 | I07A Izee 88.67 37 ↑ P P 13 01 33.3 -0.6 | Z24A Sheeppen Canyo 90.70 52 ↑ P P 13 01 43.7 +0.1 |
| Y14A Wickenburg 85.91 48 ↑ P P 13 01 20.9 +0.1 | J08A Circle Bar Ran 88.73 38 ↑ P P 13 01 33.7 -0.5 | K13A Stover Farm, H 90.71 40 ↓ P P 13 01 43.4 0.0 |
| 116A Eloy 85.93 50 ↑ P P 13 01 21.3 +0.4 | T16A Glen Canyon Da 88.75 46 ↓ P P 13 01 34.7 +0.3 | S19A Harvey Farm, M 90.71 47 ↑ P P 13 01 43.5 -0.1 |
| U11A Corn Creek 85.97 45 ↓ P P 13 01 21.3 +0.3 | W18A Petrified Fore 88.77 48 ↑ P P 13 01 35.0 +0.4 | 427A Hayter Ranch, 90.72 55 ↑ P P 13 01 43.7 -0.1 |
| QIZ Qiongzhong 86.03 294 P S 13 01 23.6 +1.9 | O12A Currie 88.81 42 ↑ P P 13 01 34.5 -0.1 | G10A Bishop Farm, J 90.74 37 ↑ P P 13 01 42.9 -0.7 |
| QIZ comp=Z,16nm,1.6s,mb5.0 pmax pmax | NLWA Neilton Lookou 88.82 32 ↑ P P 13 01 34.8 +0.3 | GDL2 Guadalupe Moun 90.77 53 eP P 13 01 44.4 +0.3 |
| QIZ comp=Z,140nm,7.0s LR LR 13 11 54.9 -1.4 | NLWA Neilton Lookou 88.82 32 eP P 13 01 35.0 +0.5 | 528A Cox Ranch, San 90.79 56 ↑ P P 13 01 44.0 -0.2 |
| QIZ comp=N,280nm,19.2s LR LR 13 29 32.0 | G06A Carlson Farm, 88.88 35 ↑ P P 13 01 34.2 -0.6 | A05A Maple Falls 90.80 32 ↑ P P 13 01 43.4 -0.3 |
| 217A Green Valley 86.05 51 ↑ P P 13 01 22.0 +0.5 | Q14A Sevier Lake (B 88.88 44 ↑ P P 13 01 35.1 +0.1 | L14A Malta 90.81 41 ↑ P P 13 01 43.6 -0.4 |
| W13A Hualapai Mount 86.07 46 ↑ P P 13 01 21.9 +0.3 | M11A Holland Ranch, 88.95 41 ↑ P P 13 01 35.4 +0.1 | 125A Garner Draw, 90.82 53 ↑ P P 13 01 43.9 -0.3 |
| S10A Tonopah Range, 86.20 43 ↑ P P 13 01 22.1 0.0 | Y20A Horse Springs, 88.97 50 ↑ P P 13 01 36.2 +0.6 | I12A Atlanta 90.85 39 ↑ P P 13 01 44.1 0.0 |
| X14A Yava 86.23 47 ↓ P P 13 01 23.1 +0.3 | L10A Juniper Basin 88.98 40 ↑ P P 13 01 34.9 -0.5 | ANMO Albuquerque 90.86 50 eP P 13 01 44.9 +0.5 |
| Y15A Casa Rosa Ranc 86.36 48 ↓ P P 13 01 23.3 +0.3 | V18A Gaido 88.99 48 ↑ P P 13 01 36.2 +0.6 | U21A Nagezi 90.90 42 ↓ P P 13 01 44.7 +0.2 |
| TUC Tucson 86.39 50 eP P 13 01 23.4 +0.2 | N12A Clover Valley, 89.01 41 ↓ P P 13 01 35.7 +0.2 | M15A Larsen Ranch, 90.92 42 ↑ P P 13 01 43.9 -0.5 |
| 318A Bisbee 86.41 51 eP P 13 01 23.8 +0.4 | U17A Shonto 89.05 47 ↑ P P 13 01 36.3 +0.4 | WTV Waterville 90.92 34 eP P 13 01 44.0 -0.3 |
| V13A Grand Canyon W 86.48 46 ↑ P P 13 01 23.8 +0.2 | Z21A St. Cloud Mine 89.10 51 ↑ P P 13 01 36.6 +0.4 | HVU Hansel Valley 90.92 42 eP P 13 01 44.2 +0.2 |
| U11A Valley of Fire 86.50 45 ↑ P P 13 01 24.2 +0.6 | T17A Navajo Res., N 89.20 46 ↑ P P 13 01 37.1 +0.5 | H11A Donnelly 90.95 38 ↑ P P 13 01 44.0 -0.5 |
| S11A Rache 86.53 44 ↑ P P 13 01 23.9 +0.1 | 122A Conniff Cattle 89.21 52 ↑ P P 13 01 37.2 +0.5 | Y24A Capitan 90.98 52 ↑ P P 13 01 44.8 -0.1 |
| T12A Moapa 86.57 45 ↑ P P 13 01 24.3 +0.3 | K10A Mackenzie Ranc 89.22 39 ↓ P P 13 01 36.1 -0.4 | D08A Wollman Farm, 90.99 35 ↑ P P 13 01 44.4 -0.3 |
| 117A Oracle 86.58 50 ↓ P P 13 01 24.8 +0.6 | X20A Quemado 89.25 50 ↓ P P 13 01 37.8 +0.9 | HLID Halley 91.10 40 ↓ P P 13 01 45.3 0.0 |
| NJ2 Nanjing 86.58 309 eP P 13 01 25.5 +1.3 | MSU Marysvale 89.26 45 eP P 13 01 34.8 -2.0 | HLID Halley 91.10 40 eP P 13 01 45.5 +0.4 |
| NJ2 13 01 32.5 +4.4 pP | TRQA Torquist 89.30 134 eP P 13 01 38.9 +1.6 | V22A San Miguel Ran 91.11 49 ↑ P P 13 01 45.3 -0.2 |
| NJ2 13 04 48.9 +2.4 pP | LNW Longmire 89.35 34 eP P 13 01 36.5 -0.4 | Z25A Roswell 91.12 52 ↑ P P 13 01 45.6 0.0 |
| NJ2 13 11 58.0 -3.2 sS | L11A Wells 89.44 41 ↓ P P 13 01 37.2 -0.4 | J13A Cove Ranch, Pi 91.13 40 ↓ P P 13 01 45.4 0.0 |
| NJ2 13 12 09.0 +3.1 sS | M12A Cat Creek Ranch 89.45 40 ↑ P P 13 01 37.4 -0.2 | P18A Preston Nutter, 91.13 45 ↑ P P 13 01 45.5 0.0 |
| comp=Z,10.0nm,0.6s,mb5.2 pmax pmax | U18A Rough Rock, Ch 89.45 47 ↑ P P 13 01 37.8 0.0 | F10A Beach Ranch, 91.14 36 ↑ P P 13 01 44.4 -1.0 |
| NJ2 comp=Z,190nm,8.7s LR LR 13 29 32.0 | 626A Big Bend Ranch 89.48 56 ↑ P P 13 01 38.1 +0.1 | O17A Robinson Place 91.17 44 ↑ P P 13 01 45.7 +0.1 |
| NJ2 comp=N,540nm,21.1s LR LR 13 29 32.0 | Y21A Point of Rocks 89.50 50 ↑ P P 13 01 39.0 +0.9 | |

16d 13h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like 428A Kincaid Ranch, S20A Disappointment, L15A Malad City, etc.

2008 JUL

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like D14A Greenough, CHMT Chamberlain Mo, TRF Thorofare Loud, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like AKASG comp=Z,5.2nm,0.8s, MALIN Array Be, etc.

NIED 16 13:02:00.45:30N,151.110E,h23km,Mw4.7 Best double couple: M1.32000*1016 NP1.9:37.00000* 862.00000*, 1.91.00000* NP2.9:216.00000* 828.00000*, 1.89.00000*, SKHL 16 13:02:17.3:1.4,44:87N:151:33E,h39km,9km,mb5.7/3, Ms4.5/5,msH5.5/3

ISCJB 16 13:02:19.4:0.8,45:16N:0:03:151:07E:0:03,h30km,5km, mb4.9/169,MS4.3/37, Error ellipse: s-maj=6.5km s-min=3.0km az=150.4

MOS 16 13:02:20.9:0.9,45:32N:150:99E,h36km,mb5.1/71, MS4.2/26, Error ellipse: s-maj=7.7km s-min=4.6km az=110

JMA 16 13:02:20.6:0.5,45:33N:151:15E,h30km,M5.1 BJI 16 13:02:21.4,45:35N:150:85E,h37km,mb5.0/27,ms0.4/3, Ms4.5/42,Ms2.7,4/3/38

NEIC 16 13:02:22.5:0.6,45:29N:151:03E,h38km,5km,mb4.9/86, MS4.5/7, Error ellipse: s-maj=6.0km s-min=3.5km az=157.0

IDC 16 13:02:23.4:0.4,45:40N:150:98E,h44km,4km,mb4.3/22, mb1.4,4.25,mb1mx4.4/28,mbtmp4.3/25,MS4.2/13, Ms1.4,2/13,ms1mx4.0/32, Error ellipse: s-maj=13.9km s-min=9.6km az=137.0

SZGRF 16 13:02:30.2,47:20N:151:37E,h33km,mb5.2,MS4.5,Kuril Islands, P2532a

ISC 16 13:02:22.0:0.4,45:23N:0:03:151:06E:0:04,h36km,9km, h41km,2.1km,pp-P,n501,0:099/523,mb4.9/169,MS4.3/36, 42C-11D,Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ID, Time Res, ISC. Includes stations like KUR Kuril'sk, KUR comp=N,430nm,0.7s, etc.

Table with columns: BRG, Berggiesshubel, 77.33 334 eP, P, 13 14 12.3 -0.5. Includes stations like Berggiesshubel, Panska Ves, Muntele Rosu, etc.

Table with columns: GOL, Golise, 80.99 330 eP, P, 13 14 32.5 -0.4. Includes stations like Golise, Terra Mystica, Podkum, etc.

Table with columns: QUIF, Quistinic, 84.52 343 eP, P, 13 14 51.0 -0.1. Includes stations like Quistinic, La Plantade, Saint Agoulin, etc.

IDC 16 13:08:22.2±0.8, 16°45'S-173°24'W, h0km, mb4.1/10, mb1 4.3/10, mb1mx4.1/21, mtbpm4.1/10, MS4.1/11, Ms1 4.1/11, ms1mx3.7/32, Error ellipse: s-maj=33.1km s-min=19.2km az=132.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HNR Honiara, RPZ Rata Peaks, RKT Rikitea, CTA Charters Tower, etc.

ISC 16 13:10:50.6; 1.8, 4.91S; 152.40E, h0km, mb3.8/7, mb1.4, 0.7, mb1mx3.8/16, mb1mp3.8/7, Error ellipse: s-maj=24.8km s-min=12.0km az=121.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, DZM Mont Dzumac, WRAB Tennant Creek, etc.

ISC 16 13:16:45.4, 37.15N, 36.19E, h18km, ML2.5 DDA 16 13:16:46.1, 37.32N, 36.35E, h7km, 3km, MD3.0 CSEM 16 13:16:46.0, 2.37, 33N, 36.28E, h5km, MD3.0, Error ellipse: s-maj=4.4km s-min=4.0km az=82.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ANDN Andirin, KOZT Kozan, GAZ Gaziantep, etc.

NEIC 16 13:22:13.2, 18.21N, 94.58W, h31km, MD3.8(MEX), After MEX. MEX 16 13:22:13.2, 0.7, 18.21N, 94.58W, h31km, 6km, MD3.8, Bay of Campeche

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TUIG Tuzandepeti, CMIG Matias Romero, etc.

CSEM 16 13:24:26.1, 44.78N, 40.55E, h18km, mb4.4, After OBN MOS 16 13:24:26.0, 6.44, 78N, 40.55E, h18km, mb4.4, 1, 2C, Error ellipse: s-maj=23.4km s-min=14.9km az=114.9, Western Caucasus

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

ISCJB 16 13:26:34.9, 0.8, 27.86S; 0.06, 66W; 0.08, h157km, 10km, mb3.6/5, Error ellipse: s-maj=12.2km s-min=9.5km az=14.4

IDC 16 13:26:35.6; 1.5, 27.90S; 66.73W, h152km, 14km, mb3.5/4, mb1.3, 0.8, mb1mx3.7/16, mb1mp3.3/6, Error ellipse: s-maj=24.8km s-min=13.6km az=104.0

NEIC 16 13:26:38.0, 6.27, 86S; 66.66W, h156km, 5km, mb4.1/2, Error ellipse: s-maj=9.9km s-min=7.2km az=102.0

ISC 16 13:26:36.1, 0.8, 27.90S; 0.07, 66.66W, 0.08, h154km, 10km, n20, 0.05S15, mb3.6/5, Catamarca Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LCO Las Campanas, LCO Las Campanas, CFAA Coronel Fontan, etc.

MEX 16 13:35:29.4; 0.6, 16.75N; 95.40W, h130km, 13km, MD3.8 Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HUIG Huatulco, HUIG Huatulco, VHO Vista Hermosa, etc.

IDC 16 13:42:14.8, 0.8, 8.46N; 102.91W, h0km, mb4.2/9, mb1.4, 5/11, mb1mx4.3/22, mb1mp4.2/11, ML3.6/1, MS4.1/14, MS1.4/14, ms1mx4.0/23, Error ellipse: s-maj=32.8km s-min=15.2km az=58.0

NEIC 16 13:42:16.6; 0.6, 8.44N; 102.89W, h10km, mb4.6/50, Error ellipse: s-maj=14.3km s-min=8.6km az=54.0

ISCJB 16 13:42:18.6; 0.5, 8.44N; 0.06, 102.89W; 0.06, h33km, mb4.5/55, MS4.2/16, Error ellipse: s-maj=9.4km s-min=6.7km az=139.9

GCMT 16 13:42:20.9; 0.3, 8.53N; 103.05W, h26km, 1km, MW5.1, Moment Tensor Solution: 3.7, 0.43, 879, 0.116, Moment tensor: Scale 10^16Nm, M1=0.22; 2.1; Mw2.66; 19; Mw=1.73; 23; Mw=2.43; 38; Mw=5.00; 16; Mw0.11; 41; Best double couple: M6.00000; 1016; NP1=349.00000; 366.00000; -1; 1.00000; NP2=79.00000; 389.00000; -1; 156.00000; Principal axes: T 6.5300, P16.60000, Azm21.00000; N -1.1500, P16.60000, Azm80.00000; P -5.3700, P17.00000, Azm306.00000; Data Used: II IJ C G N.

ISC 16 13:42:20.8; 0.5, 8.45N; 0.06, 102.84W; 0.06, h35km, n322, 0.0576/299, mb4.5/55, MS4.2/16, 107C-120D, Northern East Pacific Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMIG Matias Romero, APG El Apazole, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like 628A Black Gap, 626A Big Bend Ranch, 526A Mary Lane Ranc, etc.

Table with columns: Station ID, Name, Elevation, Frequency, Bandwidth, Modulation, Power, Azimuth, Elevation, Azimuth, Elevation. Includes stations like PDMCI Parker Dam, U26A Atchley Ranch, U25A Circle Dot Ran, etc.

Table with columns: Station ID, Name, Elevation, Frequency, Bandwidth, Modulation, Power, Azimuth, Elevation, Azimuth, Elevation. Includes stations like P10A Eureka, O12A Currie, M18A Chamberlain Mo, etc.

Table with columns: Station ID, Name, Elevation, Frequency, Bandwidth, Modulation, Power, Azimuth, Elevation, Azimuth, Elevation. Includes stations like G08A Pilot Rock, COWI Conover, CHMT Chamberlain Mo, etc.

KISR 16 13:56:18.1±0.8,31.65N-47.19E,h42km,999km,ML3.0
TEH 16 13:56:19.9,30.85N-46.85E,h35km
ISCJB 16 13:56:25.4±0.6,31.39N,0.03-47.25E:0.07,h33km,Error
ellipse: s-maj=9.2km s-min=4.8km az=4.6
CSEM 16 13:56:25.4±0.3,31.29N-47.19E,h40km,ML3.0,Error
ellipse: s-maj=12.1km s-min=6.6km az=90.0
ISC 16 13:56:27.3±0.6,31.40N,0.03-47.28E:0.09,h35km,n25,
c1811/32,traa-fran-region

| | | | | | | | | | | | | | | | | | | | | | |
|------|--|-----------|------|-----------------|-------|--|-----------|------|-------------------------|-----|-----------------|-----------------|-----|-----------------|-----------------|--------------------------|---------------|-----------|-----------------|-----------------|-----------------|
| DL2 | comp=Z,960nm,13.1s | P | P | 15 11 48.3 +0.8 | VSR | comp=E,1.0nm,0.3s | pmax | pmax | comp=Z,5.0nm,1.0s,mb4.5 | WET | Wetzell | 57.20 309 | eP | P | 15 16 59.6 +0.4 | | | | | | |
| DL2 | Dalian | 20.26 83 | eS | 15 15 34.0 -1.5 | NAY | Al-Naieim | 40.70 271 | eP | P | AMB | 15 14 57.9 | P | AMB | 15 14 57.9 | OBKA | Obir | 57.25 306 | i/sP | sP | 15 16 60.0 0.0 | |
| DL2 | comp=Z,10.0nm,0.8s | LR | LR | 15 15 43.8 +7.9 | SEY | comp=Z,19nm,1.5s,mb4.5 | 40.95 36c | eP | P | P | P | 15 14 54.3 -0.2 | P | P | 15 14 54.3 -0.2 | VNDS | Vrh nad Dinko | 57.33 305 | iP | P | 15 17 00.4 +0.3 |
| DL2 | comp=N,100nm,11.2s,MS3.6 | LR | LR | | OBN | Obninsk | 41.69 312 | eP | P | P | 15 15 00.6 0.0 | P | P | 15 15 00.6 0.0 | MOX | Moxa | 57.34 311 | eP | P | 15 17 00.6 +0.4 | |
| DL2 | comp=E,100nm,11.0s,MS3.6 | LR | LR | | OBN | comp=Z,22nm,1.6s,mb4.6 | | pmax | pmax | MLR | MLR | | | | ROTZ | Rotzenmühle | 57.35 310 | eP | P | 15 17 01.2 +1.0 | |
| NJ2 | comp=Z,140nm,10.2s,MS3.6 | LR | LR | | ANN | comp=Z,100nm,17.0s,MS3.8 | 42.65 297 | eP | P | P | 15 15 11.1 +2.5 | P | P | 15 15 11.1 +2.5 | CLZ | Clausthal | 57.58 313 | eP | P | 15 17 02.3 +0.5 | |
| NJ2 | Nanjing | 20.29 104 | eP | 15 11 51.3 +3.5 | ANN | Anapa | | pmax | pmax | | | | | | RJOB | Jochberg | 57.58 308 | eP | P | 15 17 04.6 +1.0 | |
| NJ2 | comp=Z,20nm,0.5s | LR | LR | 15 15 27.0 -9.0 | PETK | Petrovaplovsk- | 43.80 50 | P | P | P | 15 15 17.4 -0.4 | P | P | 15 15 17.4 -0.4 | GRF | Grafenberg Arr | 57.97 310 | eP | P | 15 17 05.0 +0.5 | |
| NJ2 | comp=N,420nm,21.2s | LR | LR | | PETK | comp=Z,25nm,21.9s,MS3.1 | | pmax | pmax | MLR | MLR | | | | GRF | Grafenberg Arr | 57.97 310 | eP | P | 15 17 05.0 +0.5 | |
| NJ2 | comp=E,380nm,12.2s | LR | LR | | PETK | Petrovaplovsk- | 43.80 50 | P | P | P | 15 15 17.4 -0.4 | P | P | 15 15 17.4 -0.4 | FUR | Furstenfeldbru | 58.58 309 | eP | P | 15 17 08.4 -0.4 | |
| NJ2 | comp=Z,430nm,11.0s | eP | P | 15 11 52.6 +0.5 | PETK | comp=Z,5.0nm,0.9s,mb4.2 | | pmax | pmax | MLR | MLR | | | | WTTA | Wattenberg | 58.74 308 | i/sP | sP | 15 17 10.6 +0.2 | |
| CHTO | Chiang Mai | 20.68 171 | eP | 15 11 52.6 +0.5 | PETK | comp=Z,25nm,21.9s,MS3.1 | | pmax | pmax | MLR | MLR | | | | Feichten | 59.41 308 | i/sP | sP | 15 17 15.0 -0.1 | | |
| CHTO | Chiang Mai | 20.68 171 | eP | 15 11 52.6 +0.5 | PETK | Petrovaplovsk- | 43.80 50 | P | P | P | 15 15 17.4 -0.4 | P | P | 15 15 17.4 -0.4 | BFO | Black Forest | 60.27 310 | eP | P | 15 17 20.9 +0.3 | |
| CMAR | Chiang Mai | 21.03 171 | P | 15 11 56.4 +0.5 | PETK | Petrovaplovsk- | 43.80 50 | P | P | P | 15 15 17.4 -0.4 | P | P | 15 15 17.4 -0.4 | CDF | Champ du Feu | 60.86 310 | eP | P | 15 17 24.6 0.0 | |
| CMAR | Chiang Mai Arr | 21.03 171 | P | 15 11 56.4 +0.5 | JOF | Joensuu | 44.27 324 | eP | P | P | 15 15 20.2 -1.3 | P | P | 15 15 20.2 -1.3 | CDF | Champ du Feu | 60.86 310 | eP | P | 15 17 24.6 0.0 | |
| CMAR | comp=Z,11nm,0.8s,mb4.2,baz=346,slow=9.4,SNR=14 | P | P | | JOF | comp=Z,9.4nm,0.5s,mb4.8 | | pmax | pmax | | | | | | CDF | comp=Z,5.2nm,0.7s,mb4.5 | | pmax | pmax | 15 17 24.6 0.0 | |
| AJM | Ajmer | 21.64 240 | ePKP | 15 12 02.1 -0.4 | PET | Petrovaplovsk | 44.38 50 | eP | P | P | 15 15 21.3 -1.2 | P | P | 15 15 21.3 -1.2 | CDF | comp=Z,3.0nm,0.6s,mb4.6 | | pmax | pmax | 15 17 24.6 0.0 | |
| AJM | Kabul | 21.64 265 | eP | 15 12 03.3 +0.9 | PET | Petrovaplovsk | 44.38 50 | eP | P | P | 15 15 21.3 -1.2 | P | P | 15 15 21.3 -1.2 | HNF | Hinterfeld | 61.39 310 | eP | P | 15 17 28.1 -0.1 | |
| KBL | Kabul | 21.64 265 | eP | 15 12 03.3 +0.9 | KEV | Kevo | 46.30 333 | eP | P | P | 15 15 34.3 -3.1 | P | P | 15 15 34.3 -3.1 | HNF | Hinterfeld | 61.39 310 | eP | P | 15 17 28.1 -0.1 | |
| KBL | Kabul | 21.64 265 | eP | 15 12 03.3 +0.9 | KEV | comp=Z,11nm,1.2s,mb4.8 | | pmax | pmax | | | | | | HNF | Hinterfeld | 61.39 310 | eP | P | 15 17 28.1 -0.1 | |
| BVAR | Borovoye Array | 21.97 317 | P | 15 12 04.9 -0.8 | KEV | Kevo | 46.30 333 | eP | P | P | 15 15 34.3 -3.1 | P | P | 15 15 34.3 -3.1 | HNF | Hinterfeld | 61.39 310 | eP | P | 15 17 28.1 -0.1 | |
| BVAR | Borovoye Array | 21.97 317 | P | 15 12 04.9 -0.9 | KEV | comp=Z,11nm,1.2s,mb4.8 | | pmax | pmax | | | | | | HNF | Hinterfeld | 61.39 310 | eP | P | 15 17 28.1 -0.1 | |
| BVAR | comp=Z,6.9nm,0.6s,mb4.3,baz=115,slow=10.0,SNR=48 | P | P | | KAF | Kangasniemi | 46.62 323 | eP | P | P | 15 15 39.0 -1.1 | P | P | 15 15 39.0 -1.1 | GIVF | Givet | 61.49 313 | eP | P | 15 17 29.2 +0.4 | |
| BRVK | Borovoye | 22.04 317 | eP | 15 12 05.9 -0.6 | KAF | Kangasniemi | 46.62 323 | eP | P | P | 15 15 39.0 -1.1 | P | P | 15 15 39.0 -1.1 | GIVF | Givet | 61.49 313 | eP | P | 15 17 29.2 +0.4 | |
| BRVK | comp=Z,11nm,0.6s,mb4.5 | | pmax | | KAF | Kangasniemi | 46.62 323 | eP | P | P | 15 15 39.0 -1.1 | P | P | 15 15 39.0 -1.1 | GIVF | comp=Z,3.0nm,0.4s,mb4.8 | | pmax | pmax | 15 17 29.2 +0.4 | |
| BRVK | Borovoye | 22.04 317 | eP | 15 12 05.9 -0.7 | KAF | comp=Z,4.1nm,0.5s,mb4.8 | | pmax | pmax | | | | | | GIVF | comp=Z,3.0nm,0.4s,mb4.8 | | pmax | pmax | 15 17 29.2 +0.4 | |
| BRVK | comp=Z,11nm,0.6s,mb4.5 | | pmax | | AKASG | Malin Array Be | 46.70 307 | P | P | P | 15 15 40.2 -0.7 | P | P | 15 15 40.2 -0.7 | HAU | Haudompre | 61.60 310 | eP | P | 15 17 29.6 0.0 | |
| BHPL | Bhopal | 22.21 229 | ePKP | 15 12 08.2 -0.3 | AKASG | Malin Array Be | 46.70 307 | P | P | P | 15 15 40.2 -0.7 | P | P | 15 15 40.2 -0.7 | HAU | comp=Z,8.3nm,0.6s,mb4.9 | | eMLR | MLR | 15 17 29.6 0.0 | |
| BHPL | comp=Z,78nm,0.8s,mb5.2 | | AMB | | AKASG | comp=Z,2.0nm,0.5s | | pmax | pmax | | | | | | HAU | Haudompre | 61.60 310 | eP | P | 15 17 29.6 0.0 | |
| CN2 | Changchun | 22.78 69 | eP | 15 12 15.6 +1.1 | AKASG | Malin Array Be | 46.70 307 | P | P | P | 15 15 40.2 -0.7 | P | P | 15 15 40.2 -0.7 | HAU | comp=Z,4.2nm,0.6s,mb4.8 | | LR | LR | 15 17 29.6 0.0 | |
| CN2 | comp=Z,10.0nm,1.0s,mb4.3 | | pmax | | VSU | Vasula | 46.78 318 | iP | P | P | 15 15 39.5 -1.8 | P | P | 15 15 39.5 -1.8 | HAU | comp=Z,130nm,18.3s,MS4.1 | | LR | LR | 15 17 29.6 0.0 | |
| CN2 | comp=Z,200nm,4.0s | LR | LR | | VSU | comp=Z,27nm,1.2s,mb5.2 | | pmax | pmax | | | | | | BAIF | Baives | 61.86 313 | eP | P | 15 17 31.8 +0.5 | |
| CN2 | comp=N,400nm,10.0s,MS4.2 | LR | LR | | FINES | FINESS Array B | 46.78 322 | P | P | P | 15 15 41.4 0.0 | P | P | 15 15 41.4 0.0 | BAIF | Baives | 61.86 313 | eP | P | 15 17 31.8 +0.5 | |
| CN2 | comp=E,200nm,10.0s,MS4.2 | LR | LR | | FINES | FINESS Array B | 46.78 322 | P | P | P | 15 15 41.4 0.0 | P | P | 15 15 41.4 0.0 | BAIF | comp=Z,8.2nm,0.6s,mb4.9 | | eP | P | 15 17 31.8 +0.5 | |
| CN2 | comp=Z,1.1um,10.0s,MS4.5 | LR | LR | | FINES | FINESS Array B | 46.78 322 | P | P | P | 15 15 41.4 0.0 | P | P | 15 15 41.4 0.0 | MEZF | Maizieres J'vi | 62.12 311 | eP | P | 15 17 33.6 +0.5 | |
| NGP | Nagpur | 22.97 223 | ePKP | 15 12 16.4 -0.3 | FINES | FINESS Array B | 46.78 322 | P | P | P | 15 15 41.4 0.0 | P | P | 15 15 41.4 0.0 | MEZF | Maizieres J'vi | 62.12 311 | eP | P | 15 17 33.6 +0.5 | |
| NGP | comp=Z,32nm,1.8s,mb4.6 | | AMB | | ARCES | ARCESS Array B | 46.81 333 | P | P | P | 15 15 41.6 +0.1 | P | P | 15 15 41.6 +0.1 | MEZF | comp=Z,4.3nm,0.4s,mb4.8 | | eP | P | 15 17 33.6 +0.5 | |
| QIZ | Qiongzong | 23.75 144 | P | 15 12 27.8 +3.2 | ARCES | comp=Z,1.2nm,0.6s,baz=111,slow=5.3,SNR=5.1 | | pmax | pmax | | | | | | CABF | La Chapelle | 62.42 309 | eP | P | 15 17 35.5 +0.4 | |
| QIZ | comp=Z,18nm,1.6s,mb4.3 | | pmax | | ARCES | comp=Z,43nm,20.7s,MS4.4,baz=275,slow=38 | | pmax | pmax | | | | | | CABF | La Chapelle | 62.42 309 | eP | P | 15 17 35.5 +0.4 | |
| QIZ | comp=N,210nm,14.6s | LR | LR | 15 12 39.4 -1.2 | ARCES | ARCESS Array B | 46.81 333 | P | P | P | 15 15 41.6 +0.1 | P | P | 15 15 41.6 +0.1 | CABF | La Chapelle | 62.42 309 | eP | P | 15 17 35.5 +0.4 | |
| QIZ | comp=Z,250nm,6.7s | LR | LR | | ARCES | comp=Z,2.0nm,0.5s | | pmax | pmax | | | | | | CABF | La Chapelle | 62.42 309 | eP | P | 15 17 35.5 +0.4 | |
| VIS | Vishakhapatnam | 24.00 210 | ePKP | 15 12 27.3 +0.3 | ARCES | comp=Z,43nm,20.7s | | pmax | pmax | | | | | | LPG | La Plagne | 62.56 308 | eP | P | 15 17 37.1 +1.0 | |
| VIS | comp=Z,28nm,1.3s,mb4.6 | | AMB | 15 12 30.9 | ARCES | comp=Z,2.4nm,0.8s,mb4.8 | | pmax | pmax | | | | | | LPG | La Plagne | 62.56 308 | eP | P | 15 17 37.1 +1.0 | |
| VIS | AKA | 24.43 226 | ePKP | 15 12 32.0 +1.1 | BR131 | Keakin Array S | 46.84 291 | eP | P | P | 15 15 42.9 +0.7 | P | P | 15 15 42.9 +0.7 | LPG | comp=Z,4.0nm,0.6s,mb4.7 | | eP | P | 15 17 37.1 +1.0 | |
| KSRS | Korea Array | 25.42 84 | P | 15 12 38.6 -1.1 | BR131 | Keakin Array B | 46.84 291 | eP | P | P | 15 15 42.9 +0.8 | P | P | 15 15 42.9 +0.8 | LPG | comp=Z,2.9nm,0.6s,mb4.8 | | eP | P | 15 17 37.1 +1.0 | |
| KSRS | comp=Z,10nm,0.8s,mb4.6,baz=278,slow=10,SNR=18 | | LR | 15 23 04.9 | BR131 | Keakin Array B | 46.84 291 | eP | P | P | 15 15 42.9 +0.8 | P | P | 15 15 42.9 +0.8 | LPL | La Plagne | 62.56 308 | eP | P | 15 17 37.0 +0.9 | |
| KSRS | comp=Z,57nm,18.4s,MS3.1,baz=284,slow=38 | | LR | 15 23 04.9 | BR131 | Keakin Array B | 46.84 291 | eP | P | P | 15 15 42.9 +0.8 | P | P | 15 15 42.9 +0.8 | LPL | La Plagne | 62.56 308 | eP | P | 15 17 37.0 +0.9 | |
| KSRS | Korea Array | 25.42 84 | P | 15 12 38.6 -1.1 | BR131 | Keakin Array B | 46.84 291 | eP | P | P | 15 15 42.9 +0.8 | P | P | 15 15 42.9 +0.8 | LPL | La Plagne | 62.56 308 | eP | P | 15 17 37.0 +0.9 | |
| KSRS | comp=Z,10.0nm,0.8s,mb4.6 | | MLR | 15 23 04.9 | BR131 | Keakin Array B | 46.84 291 | eP | P | P | 15 15 42.9 +0.8 | P | P | 15 15 42.9 +0.8 | LPL | La Plagne | 62.56 308 | eP | P | 15 17 37.0 +0.9 | |
| KSRS | comp=Z,57nm,18.4s,MS3.1 | | MLR | 15 23 04.9 | BR131 | Keakin Array B | 46.84 291 | eP | P | P | 15 15 42.9 +0.8 | P | P | 15 15 42.9 +0.8 | LPL | La Plagne | 62.56 308 | eP | P | 15 17 37.0 +0.9 | |
| MDJ | Mudanjiang | 25.77 67 | P | 15 12 44.5 +1.6 | BR131 | Keakin Array B | 46.84 291 | eP | P | P | 15 15 42.9 +0.8 | P | P | 15 15 42.9 +0.8 | LPL | La Plagne | 62.56 308 | eP | P | 15 17 37.0 +0.9 | |
| MDJ | comp=Z,29nm,1.3s,mb4.6 | | pP | 15 12 55.4 | BR131 | Keakin Array B | 46.84 291 | eP | P | P | 15 15 42.9 +0.8 | P | P | 15 15 42.9 +0.8 | LPL | La Plagne | 62.56 308 | eP | P | 15 17 37.0 +0.9 | |
| MDJ | MDJ | 26.36 219 | iP | 15 12 54.2 | BR131 | Keakin Array B | 46.84 291 | eP | P | P | 15 15 42.9 +0.8 | P | P | 15 15 42.9 +0.8 | LPL | La Plagne | 62.56 308 | eP | P | 15 17 37.0 +0.9 | |
| MDJ | MDJ | 26.54 224 | ex | 15 12 54.2 | BR131 | Keakin Array B | 46.84 291 | eP | P | P | 15 15 42.9 +0.8 | P | P | 15 15 42.9 +0.8 | LPL | La Plagne | 62.56 308 | eP | P | 15 17 37.0 +0.9 | |
| MDJ | MDJ | 27.08 303 | eP | 15 12 54.7 +0.1 | BR131 | Keakin Array B | 46.84 291 | eP | P | P | 15 15 42.9 +0.8 | P | P | 15 15 42.9 +0.8 | LPL | La Plagne | 62.56 308 | eP | P | 15 17 37.0 +0.9 | |
| MDJ | comp=Z,6.0nm,1.2s,mb4.1 | | pmax | | BR131 | Keakin Array B | 46.84 291 | eP | P | P | 15 15 42.9 +0.8 | P | P | 15 15 42.9 +0.8 | LPL | La Plagne | 62.56 308 | eP | P | 15 17 37.0 +0.9 | |
| MDJ | comp=Z,59nm,3.6s | LR | LR | | BR131 | Keakin Array B | 46.84 291 | eP | P | P | 15 15 42.9 +0.8 | P | P | 15 15 42.9 +0.8 | LPL | La Plagne | 62.56 308 | eP | P | 15 17 37.0 +0.9 | |
| MDJ | comp=N,140nm,9.9s | LR | LR | | BR131 | Keakin Array B | 46.84 291 | eP | P | P | 15 15 42.9 +0.8 | P | P | 15 15 42.9 +0.8 | LPL | La Plagne | 62.56 308 | eP | P | 15 17 37.0 +0.9 | |
| MDJ | comp=E,350nm,10.5s | LR | LR | | BR131 | Keakin Array B | 46.84 291 | eP | P | P | 15 15 42.9 +0.8 | P | P | 15 15 42.9 +0.8 | LPL | La Plagne | 62.56 308 | eP | P | 15 17 37.0 +0.9 | |
| MDJ | comp=Z,270nm,10.5s,MS4.0 | LR | LR | | BR131 | Keakin Array B | 46.84 291 | eP | P | P | 15 15 42.9 +0.8 | P | P | 15 15 42.9 +0.8 | LPL | La Plagne | 62.56 308 | eP | P | 15 17 37.0 +0.9 | |
| CLNS | Chul'man | 26.00 38 | eP | 15 12 49.6 +4.8 | BR131 | Keakin Array | | | | | | | | | | | | | | | |

Table with columns: ICHL, comp-Z, 17,1um,0.2s, e, 15 58 21.7, BRVK Borovoye, 21.00 30 eP, P, 16 01 35.7 -0.4, etc.

Table with columns: BRVK Borovoye, 21.00 30 eP, P, 16 01 35.7 -0.4, BRVK Borovoye, 21.00 30 eP, P, 16 01 35.7 -0.4, etc.

Table with columns: RKT, 7.8nm, 0.2s, eT, 16 01 35.7 -0.4, SIV San Ignacio, 47.86 121 P, P, 16 07 07.6 -1.9, etc.

Table with columns: IDC 16:16:00:49.3z.2.3.25:568x137:53E, h0km, mb1.3/1.3, mb1mx3.9/1.5, mbtmpt2.9/3, ML2.8/3, Error ellipse: s-maj=38.6km s-min=16.0km az=53.0, Northern Territory, Code, Station Name, Az, Phase ID, Time, Res, etc.

Table with columns: MAN 16:16:07:56, 17:31N:120:41E, h38km, mb4.4, ML3.3, MS3.2, 1D, Luzon, Code, Station Name, Az, Phase ID, Time, Res, etc.

Table with columns: IDC 16:16:08:29.4z.1.1.31:91Sx72:49W, h0km, mb3.8/2, mb1.3/8.7, mb1mx3.7/18, mbtmpt3.5/7, ML3.8/5, Error, ISCJB 16:16:08:30.3z.1.1.32:07S:32:34W, 0.06, h15km, 7km, mb3.8/2, Error ellipse: s-maj=9.2km s-min=4.1km, GUC 16:16:08:32.7z.0.7.32:09S:72:16W, h29km, 2km, MD4.2, ML4.0, NEIC 16:16:08:32.7z.32:09S:72:16W, h29km, ML4.0(GUC), After GUC.

Table with columns: IDC 16:16:08:30z.1.0.32:08S:90:23:27:26W, 0.06, h6km, 5km, n44, +192:74, MS3.8/2, GC-3D, Off coast of central Chile, Code, Station Name, Az, Phase ID, Time, Res, etc.

Table with columns: CHNG Los Chungos, 0.67 71/P, P, 16 08 44.0 +0.4, CHNG Los Chungos, 0.67 71/P, P, 16 08 53.2 +0.9, IHA Instituto Hidr, 1.08 151/P, P, 16 08 52.2 -0.1, etc.

Table with columns: TACH Talagante, 1.93 145 eP, P, 16 09 42.2 +0.3, TACH Talagante, 1.93 145 eP, P, 16 09 42.2 +0.3, TACH Talagante, 1.93 145 eP, P, 16 09 42.2 +0.3, etc.

Table with columns: CMG Matias Romero, 11.35 41 P, P, 16 01 13.1 -1.4, CMIG Pirque, 2.13 137 eP, P, 16 09 06.9 +0.2, PCH Pirque, 2.13 137 eP, P, 16 09 33.5 +0.0, etc.

16d 17h

2008 JUL

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Table with columns for location, elevation, distance, bearing, and other details. Includes entries like SYO Syowa Base, MAIT Maitri, VNA1 Neumayer-Stat, etc.

Table with columns for location, elevation, distance, bearing, and other details. Includes entries like HEC Hector Ludlow, GSC Goldstone, GSC Goldstone, etc.

Table with columns for location, elevation, distance, bearing, and other details. Includes entries like S12A Delamar Lander, R11A Troy Canyon, W15A Williams, etc.

| | | | | | | | |
|------|--|-------|-----|---|---|------------|------|
| 626A | baz=93,SNR=6.7 | 92.93 | 57 | U | P | 17 22 22.7 | -0.2 |
| Q15A | Fillmore | 92.98 | 46 | U | P | 17 22 23.0 | +0.1 |
| U18A | Rough Rock, Ch | 92.99 | 49 | U | P | 17 22 22.9 | -0.1 |
| M12A | Wells | 92.99 | 42 | U | P | 17 22 22.9 | 0.0 |
| L11A | Cat Creek Ranc | 93.00 | 41 | U | P | 17 22 22.8 | -0.1 |
| Y21A | Point of Rocks | 93.01 | 52 | U | P | 17 22 23.9 | +0.8 |
| 425A | Indio Mountain | 93.02 | 56 | U | P | 17 22 22.6 | -0.7 |
| 324A | Moseley Ranch, | 93.04 | 55 | U | P | 17 22 22.7 | -0.7 |
| N13A | Wendover, West | 93.05 | 43 | U | P | 17 22 22.9 | -0.2 |
| N13A | Wendover, West | 93.05 | 43 | e | P | 17 22 23.2 | 0.0 |
| Z22A | Elephant Butte | 93.06 | 53 | U | P | 17 22 23.5 | +0.1 |
| D05A | Ennumclaw | 93.08 | 35 | U | P | 17 22 23.2 | +0.1 |
| R16A | Teasdale | 93.10 | 47 | U | P | 17 22 23.6 | +0.2 |
| V19A | Window Rock | 93.11 | 50 | U | P | 17 22 23.7 | +0.2 |
| W20A | Ramah | 93.12 | 50 | U | P | 17 22 24.2 | +0.6 |
| S17A | Black Ridge (B | 93.13 | 47 | U | P | 17 22 23.2 | -0.4 |
| TXAR | Lajitas Array | 93.15 | 58 | P | P | 17 22 24.3 | +0.4 |
| TXAR | comp=Z,3.7nm,0.9s,mb4.7,baz=205,slo=5.5,SNR=15 | | | | | | |
| TXAR | comp=Z,1.45nm,21.9s,baz=0.0,slo=5.9 | | | | | 17 54 34.6 | |
| TXAR | Lajitas Array | 93.15 | 58 | P | P | 17 22 24.3 | +0.4 |
| BJI | Beijing | 93.16 | 316 | P | P | 17 22 23.8 | +0.1 |
| BJI | comp=Z,3.4nm,0.8s,mb4.5 | | | | | 17 23 15.1 | +2.6 |
| BJI | | | | | | 17 28 09.5 | +1.3 |
| BJI | | | | | | 17 32 43.8 | |
| BJI | | | | | | 17 33 16.9 | -8.1 |
| BJI | | | | | | 17 34 20.3 | +2.4 |
| BJI | comp=Z,2.0nm,0.8s,mb4.5 | | | | | | |
| 123A | Bell Site, Whi | 93.18 | 54 | U | P | 17 22 24.0 | 0.0 |
| X21A | Alamocita Cree | 93.19 | 51 | U | P | 17 22 24.4 | +0.4 |
| K11A | Parker Ranch, | 93.23 | 41 | U | P | 17 22 23.8 | -0.1 |
| CMAR | Chiang Mai Arr | 93.25 | 289 | P | P | 17 22 25.6 | +1.0 |
| CMAR | comp=Z,3.1nm,0.9s,mb4.6,baz=147,slo=3.6,SNR=14 | | | | | | |
| CMAR | comp=Z,0.9nm,0.8s,baz=148,slo=5.0,SNR=4.1 | | | | | 17 26 10.9 | +1.6 |
| J10A | Berg Farm, Me | 93.25 | 40 | U | P | 17 22 23.3 | -0.7 |
| 526A | Mary Lane Ranc | 93.25 | 57 | U | P | 17 22 24.0 | -0.4 |
| MNTX | Cornudas Mount | 93.26 | 55 | e | P | 17 22 23.8 | -0.5 |
| G08A | Pilot Rock | 93.31 | 38 | U | P | 17 22 23.9 | -0.3 |
| U19A | Dine' College, | 93.34 | 49 | U | P | 17 22 24.8 | +0.2 |
| 325A | Bean Ranch, Si | 93.35 | 56 | U | P | 17 22 23.9 | -0.9 |
| 224A | Cornudas Mount | 93.37 | 54 | U | P | 17 22 24.8 | -0.1 |
| M13A | Montello | 93.39 | 43 | U | P | 17 22 24.5 | -0.2 |
| M13A | Montello | 93.39 | 43 | e | P | 17 22 24.5 | -0.2 |
| P15A | Leamington | 93.40 | 45 | U | P | 17 22 24.2 | +0.1 |
| L12A | House Creek Ra | 93.40 | 42 | U | P | 17 22 24.6 | -0.1 |
| 627A | Terlingua Ranc | 93.42 | 58 | U | P | 17 22 24.7 | -0.4 |
| T18A | Mexican Hat | 93.42 | 48 | U | P | 17 22 25.1 | +0.2 |
| CHTO | Chiang Mai | 93.43 | 290 | e | P | 17 22 26.1 | +0.7 |
| CHTO | Chiang Mai | 93.43 | 290 | e | P | 17 22 26.1 | +0.6 |
| Y22A | Socorro | 93.45 | 52 | U | P | 17 22 25.3 | +0.1 |
| DUG | Dugway | 93.46 | 44 | U | P | 17 22 24.7 | -0.4 |
| V20A | Brimhall | 93.53 | 50 | U | P | 17 22 25.4 | -0.2 |
| Y22D | IRIS PASSCAL I | 93.56 | 52 | U | P | 17 22 26.2 | +0.6 |
| Z23A | Rita Site, Whi | 93.56 | 53 | U | P | 17 22 25.7 | 0.0 |
| 426A | McDonald Obser | 93.63 | 56 | U | P | 17 22 25.0 | -1.1 |
| 527A | Woodward Ranch | 93.64 | 57 | U | P | 17 22 25.3 | -0.8 |
| N14A | Grayback Hills | 93.65 | 44 | U | P | 17 22 25.4 | -0.5 |
| I10A | Payette | 93.66 | 39 | U | P | 17 22 25.5 | -0.4 |
| R17A | Hanksville Air | 93.66 | 47 | U | P | 17 22 25.6 | -0.4 |
| S18A | Hurst Farm, BI | 93.67 | 48 | U | P | 17 22 26.0 | -0.1 |
| W21A | San Fidel | 93.68 | 51 | U | P | 17 22 26.5 | +0.3 |
| Q16A | Castle Valley | 93.68 | 46 | U | P | 17 22 26.2 | +0.1 |
| O15A | The Old Anders | 93.72 | 44 | U | P | 17 22 26.0 | -0.3 |
| RSW | Rattlesnake Hi | 93.73 | 36 | e | P | 17 22 26.7 | +0.6 |
| HAWA | Hamford | 93.75 | 36 | e | P | 17 22 26.1 | -0.2 |
| MFID | Camas Ranch | 93.76 | 40 | U | P | 17 22 26.0 | -0.4 |
| 124A | Stringfield Ra | 93.78 | 54 | U | P | 17 22 26.4 | -0.3 |
| KMI | Kunming | 93.78 | 297 | P | P | 17 22 28.3 | +1.4 |
| KMI | | | | | | 17 23 05.8 | +2.0 |
| KMI | | | | | | 17 23 21.3 | +2.9 |
| KMI | | | | | | 17 26 16.8 | +3.4 |
| KMI | | | | | | 17 32 47.3 | |
| KMI | | | | | | 17 33 20.6 | -1.1 |
| KMI | | | | | | 17 34 26.3 | +2.4 |
| KMI | | | | | | 17 39 44.5 | -7.2 |
| KMI | comp=Z,8.0nm,0.5s,mb5.3 | | | | | | |
| KMI | comp=Z,150nm,6.5s | | | | | | |
| KMI | comp=N,200nm,17.0s | | | | | | |
| KMI | comp=E,260nm,17.9s | | | | | | |
| KMI | comp=Z,260nm,18.8s | | | | | | |
| BGU | Big Grassy Mou | 93.79 | 44 | e | P | 17 22 26.4 | -0.2 |
| 628A | Black Gap, Mar | 93.80 | 58 | U | P | 17 22 26.4 | -0.5 |
| BNN | Barren Site | 93.80 | 52 | e | P | 17 22 27.4 | +0.6 |
| U20A | Newcomb | 93.84 | 49 | U | P | 17 22 26.4 | -0.5 |
| 225A | Deer Hill, Car | 93.88 | 55 | U | P | 17 22 26.9 | -0.3 |
| G09A | Cove | 93.92 | 38 | U | P | 17 22 26.3 | -0.8 |
| M14A | Sheep Mountain | 93.96 | 43 | U | P | 17 22 26.7 | -0.6 |
| L13A | Double Diamond | 93.98 | 42 | U | P | 17 22 27.0 | -0.4 |
| I11A | Placerville | 94.01 | 40 | U | P | 17 22 26.9 | -0.6 |
| J12A | Stokes Ranch, | 94.06 | 41 | U | P | 17 22 27.4 | -0.4 |
| Y23A | Loveland Mesa, | 94.06 | 53 | U | P | 17 22 27.7 | -0.3 |

| | | | | | | | |
|------|--------------------------|-------|-----|---|---|------------|------|
| Y21A | Milan | 94.08 | 50 | U | P | 17 22 27.9 | -0.1 |
| R18A | Canyonlands Na | 94.15 | 47 | U | P | 17 22 27.9 | -0.4 |
| ETW | Entablado | 94.18 | 35 | e | P | 17 22 27.8 | -0.4 |
| 427A | Hayter Ranch, | 94.18 | 56 | U | P | 17 22 28.3 | -0.3 |
| SRU | San Rafael | 94.19 | 46 | U | P | 17 22 28.1 | -0.4 |
| SRU | San Rafael | 94.19 | 46 | e | P | 17 22 28.3 | -0.2 |
| SRU | comp=Z,2.7nm,1.4s,mb5.4 | | | | | | |
| SRU | comp=Z,2.1nm,0.6s,mb4.6 | | | | | | |
| Z24A | Sheeppen Canyo | 94.19 | 53 | U | P | 17 22 28.6 | 0.0 |
| 528A | Cox Ranch, San | 94.24 | 57 | U | P | 17 22 28.4 | -0.5 |
| S19A | Harvey Farm, M | 94.25 | 48 | U | P | 17 22 28.5 | -0.3 |
| GDLZ | Guadalupe Moun | 94.25 | 55 | e | P | 17 22 29.6 | +0.7 |
| K13A | Stover Farm, H | 94.25 | 42 | U | P | 17 22 28.6 | -0.1 |
| G10A | Bishop Farm, J | 94.28 | 38 | U | P | 17 22 27.6 | -1.1 |
| P17A | Butcher Ranch, | 94.28 | 46 | U | P | 17 22 28.7 | -0.1 |
| 125A | Gardner Draw, | 94.31 | 54 | U | P | 17 22 28.5 | -0.7 |
| MVCO | Mesa Verde | 94.34 | 49 | U | P | 17 22 28.9 | -0.3 |
| X23A | Hourglass Bar | 94.34 | 52 | U | P | 17 22 28.8 | -0.5 |
| L14A | Malta | 94.36 | 43 | U | P | 17 22 28.8 | -0.3 |
| ANMO | Albuquerque | 94.37 | 52 | P | P | 17 22 28.9 | -0.5 |
| ANMO | Albuquerque | 94.37 | 52 | P | P | 17 22 28.9 | -0.5 |
| I12A | Atlanta | 94.39 | 40 | U | P | 17 22 29.2 | -0.1 |
| U21A | Nageezi | 94.43 | 50 | U | P | 17 22 29.6 | 0.0 |
| M15A | Larsen Ranch, | 94.47 | 44 | e | P | 17 22 29.2 | -0.5 |
| HVU | Hansel Valley | 94.47 | 43 | U | P | 17 22 29.0 | -0.7 |
| HVU | comp=Z,3.1nm,1.3s,mb5.5 | | | | | | |
| HVU | Hansel Valley | 94.47 | 43 | e | P | 17 22 29.0 | -0.6 |
| Y24A | Capitan | 94.48 | 53 | U | P | 17 22 29.6 | -0.4 |
| R19A | Curley Farm, L | 94.50 | 48 | U | P | 17 22 29.4 | -0.5 |
| D08A | Wollman Farm, | 94.51 | 36 | U | P | 17 22 29.2 | -0.5 |
| E09A | Wood Farm, Sta | 94.55 | 37 | U | P | 17 22 29.0 | -0.9 |
| Z25A | Roswell | 94.61 | 54 | U | P | 17 22 30.4 | -0.2 |
| 428A | Kincaid Ranch, | 94.63 | 57 | U | P | 17 22 30.4 | -0.2 |
| V22A | San Miguel Ran | 94.63 | 51 | U | P | 17 22 30.4 | -0.1 |
| HLID | Hailey | 94.65 | 41 | U | P | 17 22 30.2 | -0.2 |
| HLID | Hailey | 94.65 | 41 | e | P | 17 22 30.2 | -0.2 |
| F10A | Beach Ranch, E | 94.67 | 38 | U | P | 17 22 29.5 | -0.9 |
| J13A | Cove Ranch, Pi | 94.68 | 41 | U | P | 17 22 30.4 | -0.2 |
| O17A | Robinson Place | 94.72 | 45 | U | P | 17 22 31.0 | +0.1 |
| 126A | Clayton Basin, | 94.74 | 55 | U | P | 17 22 30.4 | -0.7 |
| L15A | Maid City | 94.84 | 43 | U | P | 17 22 30.8 | -0.5 |
| OD2 | Odessa Site #2 | 94.84 | 36 | e | P | 17 22 30.6 | -0.6 |
| OD2 | comp=Z,2.2nm,1.0s,mb5.5 | | | | | | |
| Q19A | Hogan Spring (| 94.89 | 47 | U | P | 17 22 31.1 | -0.6 |
| Y25A | Mesa, Roswell | 94.99 | 53 | U | P | 17 22 31.6 | -0.7 |
| J14A | Carrey | 95.00 | 42 | U | P | 17 22 32.1 | +0.1 |
| H12A | Diamond D Ranc | 95.03 | 40 | U | P | 17 22 31.5 | -0.6 |
| I13A | Wildhorse Cree | 95.03 | 41 | U | P | 17 22 32.1 | -0.1 |
| Z26A | Caprock | 95.12 | 54 | U | P | 17 22 32.3 | -0.6 |
| K15A | Arbon | 95.17 | 43 | U | P | 17 22 32.3 | -0.6 |
| B08A | Colville Reser | 95.18 | 35 | U | P | 17 22 31.5 | -1.3 |
| W24A | Lazy 6 Ranch, | 95.23 | 52 | U | P | 17 22 32.9 | -0.9 |
| X25A | Clemmons Ranch | 95.35 | 53 | U | P | 17 22 33.1 | -0.8 |
| H13A | Challis | 95.37 | 40 | U | P | 17 22 33.5 | -0.2 |
| I14A | Mackay | 95.42 | 41 | U | P | 17 22 33.6 | -0.3 |
| F12A | Elk City | 95.58 | 39 | U | P | 17 22 33.8 | -0.8 |
| Y26A | Elite-96,SNR=11 | 95.59 | 54 | U | P | 17 22 34.4 | -0.6 |
| V24A | Rampart Ranch, | 95.61 | 52 | U | P | 17 22 34.7 | -0.3 |
| R21A | Cimarron | 95.63 | 48 | U | P | 17 22 35.0 | -0.1 |
| J15A | Blackfoot | 95.67 | 42 | U | P | 17 22 35.3 | +0.2 |
| Z27A | Tatum | 95.68 | 54 | U | P | 17 22 34.2 | -1.2 |
| G13A | Cobalt | 95.71 | 40 | U | P | 17 22 34.7 | -0.5 |
| W25A | X Bar L Ranch, | 95.88 | 52 | U | P | 17 22 35.5 | -0.8 |
| H14A | Leadore | 95.89 | 41 | U | P | 17 22 36.0 | -0.1 |
| Y27A | Causey | 96.03 | 54 | U | P | 17 22 35.8 | -1.2 |
| J16A | Borwick | 96.07 | 42 | U | P | 17 22 36.8 | -0.2 |
| F13A | Darby | 96.10 | 39 | U | P | 17 22 36.0 | -1.0 |
| V25A | Rancho No Teng | 96.12 | 52 | U | P | 17 22 36.8 | -0.5 |
| CD2 | Chengdu | 96.12 | 302 | P | P | 17 22 38.1 | +0.6 |
| CD2 | | | | | | 17 23 14.1 | +1.8 |
| CD2 | | | | | | 17 23 29.1 | +2.6 |
| CD2 | | | | | | 17 26 35.4 | +3.9 |
| CD2 | | | | | | 17 33 00.0 | |
| CD2 | | | | | | 17 33 41.5 | -1.0 |
| CD2 | | | | | | 17 34 45.1 | +2.2 |
| CD2 | | | | | | | |
| CD2 | comp=Z,10.0nm,0.5s,mb5.5 | | | | | | |
| CD2 | comp=Z,90nm,5.4s | | | | | | |
| CD2 | comp=N,160nm,8.9s | | | | | | |
| CD2 | comp=Z,200nm,12.5s | | | | | | |
| MCMT | McKenzie Canyo | 96.31 | 41 | e | P | 17 22 39.1 | +1.1 |
| MSTX | Muleshoe | 96.34 | 54 | U | P | 17 22 37.3 | -1.1 |
| C11A | Tepee Creek (N | 96.39 | 37 | U | P | 17 22 37.4 | -0.9 |
| HHC | Hu-ho-hao-te | 96.44 | 314 | e | P | 17 22 38.3 | -0.4 |
| HHC | | | | | | 17 23 16.8 | +2.0 |
| HHC | | | | | | 17 23 31.3 | +2.7 |
| HHC | | | | | | 17 26 37.1 | +3.3 |
| HHC | | | | | | | |

Table with columns for station code, name, coordinates, and various parameters. Includes stations like KAF, KIV, KOB, etc.

Table with columns for station code, name, coordinates, and various parameters. Includes stations like PRU, Trest, TANN, etc.

Table with columns for station code, name, coordinates, and various parameters. Includes stations like YKA, NVAR, ARCES, etc.

BJL 16 17:23:41.5, 16:93N:148:13E, h6km, mb4.9/26, mb4.8/45, ...
ISCJB 16 17:23:41.7, 1.1, 16:88N:0:04:148:01E, 0:02, h6km, 6km, ...
IDC 16 17:23:41.8, 0.4, 16:86N:148:12E, h0km, mb4.8/33, ...
NEIC 16 17:23:43.0, 0.2, 16:83N:148:10E, h10km, mb4.9/57, Error ellipse: s-maj=5.4km s-min=4.4km az=134.0

Table with columns for Code, Station Name, Az, Az2, Phase ID, Time Res, h, m, s, ISC. Includes stations like GUMO, CBJJ, CHJ, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like KLR, KAPI, BJT, BJI, QIZ, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like YAK, GTA, YAKUTSK, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like NGP, KSH, KSHI, etc.

16d 17h

2008 JUL

716

| | | | | | | | |
|-------|------------------------|-------|------|-----|----|------------|------|
| A14A | Double T Ranch | 82.92 | 41 | ↑P | P | 17 36 08.8 | 0.0 |
| MF1D | Camas Ranch | 82.93 | 47 | ↑P | P | 17 36 09.1 | +0.1 |
| LVZ | Lozovero | 82.96 | 340J | eP | P | 17 36 07.3 | -1.3 |
| LVZ | comp=Z,45nm,2.5s,mb5.1 | | | | | | |
| K11A | Parker Ranch, | 82.97 | 48 | ↑P | P | 17 36 09.0 | -0.1 |
| C14A | Swan Lake | 83.07 | 42 | ↑P | P | 17 36 08.9 | -0.7 |
| E13A | Victor | 83.17 | 44 | ↑P | P | 17 36 09.8 | -0.3 |
| B14A | Marquette Ranc | 83.19 | 42 | ↑P | P | 17 36 10.6 | +0.4 |
| F13A | Darby | 83.27 | 44 | ↑P | P | 17 36 09.9 | -0.7 |
| H12A | Diamond D Ranc | 83.28 | 46 | ↑P | P | 17 36 10.7 | 0.0 |
| L11A | Cat Creek Ranc | 83.33 | 48 | ↑P | P | 17 36 10.9 | -0.2 |
| J12A | Stokes Ranch, | 83.49 | 47 | ↑P | P | 17 36 11.7 | -0.1 |
| P10A | Eureka | 83.54 | 51 | ↑P | P | 17 36 12.0 | -0.2 |
| G13A | Cobalt | 83.54 | 45 | ↑P | P | 17 36 11.5 | -0.5 |
| GRAC | Grapevine Rang | 83.59 | 53 | ↑P | P | 17 36 11.9 | -0.6 |
| B15A | Bradley Ranch, | 83.66 | 42 | ↑P | P | 17 36 12.0 | -0.6 |
| H13A | Challis | 83.68 | 45 | ↑P | P | 17 36 12.8 | 0.0 |
| EDW2 | Edwards Air Fo | 83.69 | 56 | ↑P | P | 17 36 13.2 | +0.2 |
| MPMC | Manual Prospect | 83.76 | 54 | ↑P | P | 17 36 13.6 | +0.2 |
| LRMC | Laurel Mountai | 83.76 | 55 | ↑P | P | 17 36 13.3 | -0.1 |
| C15A | Salmoud Ranch, | 83.80 | 42 | ↑P | P | 17 36 12.9 | -0.4 |
| K12A | Draper Farm, C | 83.80 | 47 | ↑P | P | 17 36 13.2 | -0.3 |
| L12A | House Creek Ra | 83.87 | 48 | ↑P | P | 17 36 13.6 | -0.2 |
| HL1D | Hailey | 83.87 | 46 | ↑P | P | 17 36 13.8 | 0.0 |
| HL1D | Hailey | 83.87 | 46 | eP | P | 17 36 13.9 | +0.2 |
| S10A | Tonopah Range, | 83.92 | 52 | ↑P | P | 17 36 14.1 | 0.0 |
| O13A | Wildhorse Cree | 83.97 | 46 | ↑P | P | 17 36 14.3 | 0.0 |
| I11A | Cowboy Ranch, | 83.99 | 50 | ↑P | P | 17 36 14.3 | -0.1 |
| J13A | Cove Ranch, Pi | 84.09 | 47 | ↑P | P | 17 36 14.8 | -0.1 |
| M12A | Wells | 84.15 | 49 | ↑P | P | 17 36 15.1 | -0.1 |
| B16A | M & M Farms, S | 84.17 | 41 | ↑P | P | 17 36 14.9 | -0.3 |
| E15A | Deer Lodge | 84.20 | 43 | ↑P | P | 17 36 15.1 | -0.3 |
| N12A | Clover Valley, | 84.23 | 49 | ↑P | P | 17 36 15.8 | +0.1 |
| N12A | Clover Valley, | 84.23 | 49 | eP | P | 17 36 16.1 | +0.5 |
| H14A | Leadore | 84.27 | 45 | ↑P | P | 17 36 15.9 | +0.1 |
| Q11A | Duckwater | 84.36 | 51 | ↑P | P | 17 36 16.7 | +0.3 |
| KEV | Kevo | 84.38 | 343 | eP | P | 17 36 14.8 | -1.0 |
| KEV | Kevo | 84.38 | 343 | eP | P | 17 36 14.8 | -1.0 |
| KEV | Kevo | 84.38 | 343 | eP | P | 17 36 14.8 | -1.0 |
| F15A | Butte | 84.48 | 44 | ↑P | P | 17 36 16.6 | -0.2 |
| G5C | Goldstone | 84.50 | 55 | ↑P | P | 17 36 16.8 | -0.3 |
| MCMT | McKenzie Canyo | 84.56 | 45 | eP | P | 17 36 17.5 | +0.3 |
| R11A | Troy Canyon, C | 84.56 | 52 | ↑P | P | 17 36 17.5 | +0.1 |
| J14A | Carey | 84.57 | 46 | ↑P | P | 17 36 17.6 | +0.3 |
| O12A | Currie | 84.62 | 50 | ↑P | P | 17 36 17.5 | -0.2 |
| L13A | Double Diamond | 84.64 | 48 | ↑P | P | 17 36 18.0 | +0.2 |
| G15A | Dillon | 84.69 | 44 | ↑P | P | 17 36 17.9 | 0.0 |
| M13A | Montello | 84.71 | 49 | ↑P | P | 17 36 18.1 | 0.0 |
| P12A | McGill | 84.73 | 50 | ↑P | P | 17 36 18.7 | +0.4 |
| B17A | L&G Farms, Che | 84.78 | 41 | ↑P | P | 17 36 18.5 | +0.2 |
| E16A | East Helena | 84.80 | 43 | ↑P | P | 17 36 18.5 | +0.1 |
| Q12A | Willow Creek R | 84.92 | 51 | ↑P | P | 17 36 19.1 | -0.1 |
| ARCES | ARCCESS Array B | 84.93 | 343 | P | P | 17 36 18.1 | -0.3 |
| C17A | Wharram Farm, | 85.02 | 42 | ↑P | P | 17 36 18.4 | -1.1 |
| RKT | Rikitea | 85.03 | 116 | eLR | LR | 18 03 07.9 | |
| BOZ | Bozeman (W) | 85.11 | 44 | ↑P | P | 17 36 19.6 | -0.4 |
| BOZ | Bozeman (W) | 85.11 | 44 | ↑P | P | 17 36 20.0 | 0.0 |
| BOZ | Bozeman (W) | 85.11 | 44 | ↑P | P | 17 36 20.0 | -0.1 |
| G16A | Moss Hill, Enn | 85.13 | 44 | ↑P | P | 17 36 20.3 | +0.2 |
| TUQ | Turquoise Moun | 85.16 | 55 | ↑P | P | 17 36 20.2 | -0.2 |
| A18A | Metzger Ranch, | 85.17 | 40 | ↑P | P | 17 36 20.2 | 0.0 |
| D17A | Six Diamond Ra | 85.23 | 42 | ↑P | P | 17 36 20.2 | -0.4 |
| M14A | Sheep Mountain | 85.25 | 48 | ↑P | P | 17 36 20.4 | -0.3 |
| PFO | Pinyon Flat Ob | 85.27 | 56 | ↑P | P | 17 36 21.8 | +0.8 |
| J15A | Blackfoot | 85.29 | 46 | ↑P | P | 17 36 21.4 | +0.4 |
| R12A | Pony Springs, | 85.30 | 52 | ↑P | P | 17 36 21.4 | +0.3 |
| E17A | Martinsdale | 85.35 | 43 | ↑P | P | 17 36 20.7 | -0.5 |
| B18A | Beardsley Farm | 85.39 | 41 | ↑P | P | 17 36 21.4 | 0.0 |
| P13A | Bates Ranch, G | 85.40 | 50 | ↑P | P | 17 36 21.5 | 0.0 |
| K15A | Arbon | 85.45 | 47 | ↑P | P | 17 36 21.9 | +0.1 |
| MONP | Monument Peak | 85.51 | 57 | ↑P | P | 17 36 22.2 | 0.0 |
| BELO | Belle Mtn. Jos | 85.52 | 56 | ↑P | P | 17 36 21.8 | -0.5 |
| EGMT | Eagleton | 85.53 | 41 | ↑P | P | 17 36 21.8 | -0.2 |
| GMRC | Granite Mounta | 85.56 | 55 | ↑P | P | 17 36 21.9 | -0.5 |
| R13A | O'Grain Ranch, | 85.58 | 51 | ↑P | P | 17 36 23.9 | +0.2 |
| J16A | Bone | 85.90 | 46 | ↑P | P | 17 36 24.4 | +0.4 |
| V12A | Nelson | 85.90 | 54 | ↑P | P | 17 36 23.9 | -0.3 |
| E18A | Harlowton | 85.93 | 43 | ↑P | P | 17 36 23.9 | -0.2 |
| DUG | Dugway | 86.05 | 49 | ↑P | P | 17 36 24.6 | -0.2 |
| P14A | Drum Mountains | 86.05 | 50 | ↑P | P | 17 36 24.9 | +0.1 |
| BC3 | Big Chuckwain | 86.06 | 56 | ↑P | P | 17 36 25.2 | +0.2 |
| Q14C | Sevier Lake (B | 86.09 | 51 | ↑P | P | 17 36 25.3 | +0.3 |
| S13A | Holt Ranch, En | 86.09 | 52 | ↑P | P | 17 36 25.0 | -0.1 |

| | | | | | | | |
|-------|-------------------------|-------|------|----|---|------------|------|
| IRM | Iron Mountain | 86.14 | 56 | ↑P | P | 17 36 25.8 | +0.4 |
| IMW | Indian Meadow | 86.16 | 45 | eP | P | 17 36 26.2 | +0.9 |
| F18A | Big Timber | 86.29 | 43 | ↑P | P | 17 36 25.7 | -0.1 |
| ARUT | Antelope Range | 86.34 | 52 | eP | P | 17 36 26.9 | +0.6 |
| ARUT | comp=Z,15nm,1.4s,mb5.0 | | | | | | |
| ARUT | Antelope Range | 86.34 | 52 | eP | P | 17 36 26.9 | +0.6 |
| GCMT | Greycliff | 86.36 | 43 | eP | P | 17 36 26.1 | -0.1 |
| U13A | Pekin Wash | 86.38 | 53 | ↑P | P | 17 36 26.8 | +0.3 |
| G18A | Lazy EL Ranch, | 86.59 | 44 | ↑P | P | 17 36 27.8 | +0.4 |
| JOF | Joensuu | 86.63 | 336 | eP | P | 17 36 25.0 | -2.2 |
| JOF | Joensuu | 86.63 | 336 | eP | P | 17 36 25.0 | -2.2 |
| P15A | Leamington | 86.64 | 50 | ↑P | P | 17 36 27.4 | -0.2 |
| RLMT | Red Lodge | 86.86 | 44 | ↑P | P | 17 36 29.6 | +0.9 |
| RLMT | Red Lodge | 86.86 | 44 | eP | P | 17 36 29.5 | +0.9 |
| PDMC | Parker Dam,Lak | 86.90 | 55 | ↑P | P | 17 36 29.5 | +0.4 |
| U14A | Mt Trumbull | 87.03 | 53 | ↑P | P | 17 36 30.1 | +0.7 |
| J18A | Kendall Valley | 87.02 | 46 | ↑P | P | 17 36 29.7 | +0.2 |
| X13A | Yucca | 87.05 | 55 | ↑P | P | 17 36 29.7 | -0.1 |
| MSU | Marysvale | 87.06 | 51 | eP | P | 17 36 30.1 | +0.3 |
| MSU | comp=Z,4.0nm,1.1s,mb4.6 | | | | | | |
| MSU | Marysvale | 87.06 | 51 | eP | P | 17 36 30.1 | +0.3 |
| M17A | Scully's Gap (B | 87.16 | 48 | ↑P | P | 17 36 29.4 | -0.4 |
| N17A | Moffitt Pass | 87.22 | 48 | ↑P | P | 17 36 30.2 | -0.3 |
| V14A | Boquillas Ranc | 87.28 | 54 | ↑P | P | 17 36 31.2 | +0.3 |
| FFC | Flin Flon | 87.42 | 33 | iP | P | 17 36 30.8 | -0.4 |
| FFC | Flin Flon | 87.42 | 33 | eP | P | 17 36 30.3 | -0.9 |
| W14A | Seligman | 87.43 | 54 | ↑P | P | 17 36 32.0 | +0.3 |
| PDAR | Pinedale Arry | 87.49 | 46 | P | P | 17 36 31.8 | 0.0 |
| TMUT | Trail Mountain | 87.51 | 50 | eP | P | 17 36 31.8 | -0.2 |
| O17A | Robinson Place | 87.55 | 49 | ↑P | P | 17 36 32.3 | +0.2 |
| Z13A | Yuma Proving G | 87.62 | 56 | ↑P | P | 17 36 33.4 | +0.8 |
| R16A | Teasdale | 87.64 | 51 | ↑P | P | 17 36 33.2 | +0.6 |
| U15A | North Rim | 87.65 | 53 | ↑P | P | 17 36 32.8 | +0.1 |
| Q16A | Castle Valley | 87.66 | 50 | ↑P | P | 17 36 33.2 | +0.5 |
| I13A | Mohawk Valley, | 87.67 | 57 | ↑P | P | 17 36 33.7 | +0.8 |
| S16A | Weppner Ranch, | 87.75 | 51 | ↑P | P | 17 36 33.6 | +0.5 |
| L19A | Farns | 87.86 | 47 | ↑P | P | 17 36 33.4 | -0.2 |
| Y14A | Wickenburg | 87.90 | 55 | ↑P | P | 17 36 34.5 | +0.5 |
| V15A | Kalab Nationa | 87.94 | 50 | ↑P | P | 17 36 34.5 | +0.4 |
| K19A | Absolon Red Bu | 87.96 | 46 | ↑P | P | 17 36 33.2 | -0.8 |
| N18A | Larsen Ranch, | 88.04 | 48 | ↑P | P | 17 36 34.5 | +0.1 |
| OBN | Obninsk | 88.05 | 328 | eS | S | 17 36 32.9 | -1.3 |
| OBN | Obninsk | 88.05 | 328 | eS | S | 17 47 06.9 | -1.0 |
| SRU | San Rafael | 88.07 | 50 | ↑P | P | 17 36 34.1 | -0.5 |
| SRU | San Rafael | 88.07 | 50 | eP | P | 17 36 34.4 | -0.2 |
| SRU | San Rafael | 88.07 | 50 | eP | P | 17 36 34.4 | -0.2 |
| R17A | Hanksville Air | 88.17 | 50 | ↑P | P | 17 36 34.6 | -0.5 |
| X15A | Humboldt | 88.33 | 55 | ↑P | P | 17 36 36.3 | +0.4 |
| VSR | Storozhevoye | 88.35 | 323 | eP | P | 17 36 33.9 | -1.8 |
| VSR | comp=Z,1.0nm,0.7s,mb5.2 | | | | | | |
| VSR | comp=Z,1.0nm,0.7s,mb5.2 | | | | | | |
| K20A | Yellowstone Ra | 88.37 | 46 | ↑P | P | 17 36 36.0 | +0.1 |
| Y15A | Casa Rosa Ranc | 88.43 | 55 | ↑P | P | 17 36 36.8 | +0.4 |
| T17A | Navajo Res., N | 88.59 | 52 | ↑P | P | 17 36 37.4 | +0.2 |
| WUAZ | Wupatki | 88.65 | 53 | ↑P | P | 17 36 37.7 | +0.3 |
| WUAZ | Wupatki | 88.65 | 53 | ↑P | P | 17 36 38.2 | +0.7 |
| Z14A | Organ Pipe Nat | 88.70 | 57 | eP | P | 17 36 38.4 | +0.7 |
| ZEI | Tsey | 88.73 | 314 | eP | P | 17 36 36.4 | -1.7 |
| R18A | Canyonlands Na | 88.78 | 50 | ↑P | P | 17 36 37.4 | -0.7 |
| U17A | Shonto | 88.83 | 52 | ↑P | P | 17 36 38.6 | +0.3 |
| M20A | Sweetwater, Wa | 88.90 | 47 | ↑P | P | 17 36 38.7 | +0.2 |
| P19A | Cripple Cowboy | 89.01 | 49 | ↑P | P | 17 36 38.9 | -0.1 |
| KAF | Kangasniemi | 89.02 | 336 | eP | P | 17 36 36.6 | -2.0 |
| KAF | Kangasniemi | 89.02 | 336 | eP | P | 17 36 36.6 | -2.0 |
| KAF | Kangasniemi | 89.02 | 336 | eP | P | 17 36 36.6 | -2.0 |
| V17A | Tonale, Kykot | 89.06 | 53 | ↑P | P | 17 36 39.7 | +0.3 |
| N20A | Spence Gulch, | 89.09 | 48 | ↑P | P | 17 36 39.1 | -0.3 |
| GNI | Garni | 89.10 | 312f | eP | P | 17 36 40.3 | +0.8 |
| KIV | Kislovodsk | 89.10 | 316 | eP | P | 17 36 36.7 | -2.7 |
| Y16A | Circle Bar Ran | 89.12 | 55 | ↑P | P | 17 36 40.3 | +0.6 |
| T18A | Mexican Hat | 89.24 | 51 | ↑P | P | 17 36 40.1 | -0.1 |
| F12A | Fort Churchill | 89.27 | 27 | eP | P | 17 36 39.0 | -0.8 |
| LCC | Rams | 89.29 | 46 | ↑P | P | 17 36 40.6 | +0.2 |
| I16A | Eloy | 89.38 | 56 | ↑P | P | 17 36 42.1 | +1.1 |
| M21A | Sagehen Pea | 89.43 | 47 | ↑P | P | 17 36 40.9 | -0.1 |
| U18A | Rough Rock, Ch | 89.49 | 52 | ↑P | P | 17 36 42.0 | +0.7 |
| FINES | FINESS Array B | 89.50 | 336 | P | P | 17 36 39.3 | -1.6 |
| S19A | Harvey Farm, M | 89.57 | 51 | ↑P | P | 17 36 41.5 | -0.3 |
| N21A | Black Mountain | 89.64 | 47 | ↑P | P | 17 36 42.5 | +0.5 |
| Y17A | Roosevelt | 89.68 | 55 | ↑P | P | 17 36 42.8 | +0.4 |
| V18A | Ganado | 89.69 | 53 | ↑P | P | 17 36 42.4 | +0.1 |
| Q20A | Ridley Place, | 89.75 | 49 | ↑P | P | 17 36 42.5 | -0.1 |
| 216A | Three Points, | 89.77 | 57 | ↑P | P | 17 36 43.8 | +0.8 |

| | | | | | | | |
|------|----------------|-------|----|----|---|------------|------|
| L22A | Ellis Ranch, M | 89.91 | 46 | ↑P | P | 17 36 43.2 | 0.0 |
| T19A | Beclabito | 89.98 | 51 | ↑P | P | 17 36 44.3 | +0.6 |
| Y18A | Canyon Day Jun | | | | | | |

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BFZ Birch Farm, MRZ Mangatoinaka R, TIWZ Tintock, etc.

TRN 16 18:02:11.1, 15:71N;01:52W, h23km, MD2.7
NEIC 16 18:02:11.7, 15:69N;01:39W, h32km, MD2.7(Trn), After Trn

ISCJB 16 18:02:13.0:0.5, 15:75N;01:05:61.5W:0.1, h23km, 5km, Error ellipse: s-maj=19.6km s-min=3.8km az=158.2

ISC 16 18:02:13.0:1.0, 15:74N;01:05:61.5W:0.1, h21km, 5km, n23, 0:536/39, 6C-3D, Leeward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TGB Guadalup-3, DWS Wesley, PHG Guadalup-2, etc.

ISCJB 16 18:09:24.5:0.4, 43:74N;01:04:105:22W:0.05, h0km, mb3.9/3, Error ellipse: s-maj=5.6km s-min=4.7km az=39.4

NEIC 16 18:09:26.3:0.2, 43:74N;01:05:22W, h0km, M, mb3.8/3, mb1 3.8/8, mb1mx3.6/26, mbtmp3.6/8, ML3.5/5, Error ellipse: s-maj=54.6km s-min=7.5km az=149.0

ISC 16 18:09:26.3:0.4, 43:74N;01:05:21W:0.05, h0km, n48, 0:571/49, mb3.9/3, Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RSSD Black Hills, PHWY Pilot Hill, RWWY Rawlins, etc.

PDAR 13nm, 0.3s, baz=72, slow=21, SNR=5.1

PDAR 11nm, 0.3s, baz=81, slow=18, SNR=7.7

GCMT Greycliff 3.77 304 eP Pn 18 10 26.2 +0.5

ISCO Idaho Springs 3.92 270 eP Pn 18 10 28.2 +0.5

LNHW Snow King Moun 3.96 288 eP Pn 18 10 28.9 +0.5

REDW Red Top Meadow 4.12 267 eP Pn 18 10 31.1 +0.7

IMW Indian Meadow 4.15 274 eP Pn 18 10 31.6 +0.8

TPAW Teton Pass 4.18 268 eP Pn 18 10 31.5 +0.2

YMR Madison River 4.24 284 eP Pn 18 10 32.8 +0.7

AHID Aubrey Hatcher 4.28 287 eP Pn 18 10 32.9 +0.2

RR12 Red Ridge 4.46 267 eP Pn 18 10 35.5 +0.4

SMCO Snowmass 4.76 197 ePg Pn 18 10 52.5 -0.0

DGMT Dagmar 4.77 8 eP Pn 18 10 41.1 +1.7

BOZ Bozeman (W) 4.95 295 -0.0 Pn 18 10 40.9 -1.0

EGMT Eggleton 5.32 325 eP Pn 18 10 46.8 -0.2

DLMT Dillon 5.52 290 P Pn 18 10 49.5 -0.2

HRY Holter Researc 5.53 305 eP Pn 18 10 50.0 +0.1

LRM Limekiln Ridge 5.55 294 P Pn 18 10 50.1 -0.1

MCMT McKenzie Canyo 5.59 284 P Pn 18 10 50.5 -0.2

DAU Daniels Canyon 5.60 235 eP Pn 18 10 49.0 -1.8

JLU Jordanelle 5.60 238 eP Pn 18 10 50.5 -0.3

SPUT South Promonto 5.88 248 eP Pn 18 10 54.4 -0.2

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DDA 16 18:09:39.5, 34:72N;26:94E, h21km, Md3.4

ISCJB 16 18:10:13.7:0.7, 35:85N;01:04:27:90E:0.05, h59km, 9km, Error ellipse: s-maj=8.7km s-min=5.1km az=43.1

ATH 16 18:10:14.0, 35:79N;27:88E, h42km, 2km, MD3.3/7

CSEM 16 18:10:14.6:0.4, 35:88N;27:89E, h48km, 8km, MD3.3, Error ellipse: s-maj=8.9km s-min=5.1km az=130.0

ISK 16 18:10:14.0, 35:88N;27:97E, h31km, ML2.7

NEIC 16 18:10:14.0, 35:79N;27:88E, h42km, MD3.3(ATH), After ATH

ISC 16 18:10:14.4:0.7, 35:84N;01:04:27:90E:0.05, h53km, 11km, n37, 0:595/58, 3C-3D, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARG Arkhangelos, KARP Karpathos, DAT Datca, etc.

DJA 16 18:25:28.8:36S;108:77E, h79km, MLV4.0/7, Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMJ1 Cimerak, UGMJ Wanaagama, LEMB Lembang, etc.

BUI 16 18:48:24.6, 44:40N;129:30W, h10km, MB4.6/2, mb4.6/3

NEIC 16 18:48:34.7:1.9, 44:36N;129:26W, h10km, mb3.9/10, Error ellipse: s-maj=23.0km s-min=8.1km az=82.0

IDC 16 18:48:35.9:4.6, 44:23N;128:83W, h0km, mb3.5/3, mb1 3.8/6, mb1mx3.6/25, mbtmp3.5/6, ML3.1/3, MS3.5/5, Ms1 3.4/5, ms1mx3.0/26, Error ellipse: s-maj=69.7km s-min=28.7km az=67.0

ISC 16 18:48:34.3:1.6, 44:39N;01:06:129:6W:0.1, h36km, 12km, n65, 0:181/66, mb3.9/5, MS3.4/3, Off coast of Oregon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MPOR Mary's Peak, KMOR Kings Mountain, COOR Corvallis, etc.

16d 18h

TPAW Teton Pass 13.50 87 eP Pn 18 51 44.5 +1.3

LOHW Long Hollow 13.73 87 eP Pn 18 51 46.1 -0.2

ARUT Antelope Range 13.87 113 eP Pn 18 51 46.7 -1.6

CCUT Cedar City 14.06 113 eP Pn 18 51 52.0 +1.1

GCMT Greycliff 14.18 77 P Pn 18 51 55.1 +2.7

MSU Marysvale 14.34 108 P Pn 18 51 55.8 +1.1

RLMT Red Lodge 14.49 80 eP Pn 18 51 56.7 0.0

PDAR Pinedale Array 14.65 89 Pn Pn 18 51 59.9 +1.0

PDAR comp=Z, 159nm, 19.2s, baz=342, slow=58

SRU San Rafael 15.20 104 eP Pn 18 52 07.1 +0.9

WUAZ Wupatki 16.55 116 eP Pn 18 52 24.6 +1.1

RWWY Rawlins 16.61 92 eP Pn 18 52 22.7 -1.6

PV04 Paradox Valley 16.65 104 eP Pn 18 52 23.6 -1.3

PV02 Paradox Valley 17.01 104 eP Pn 18 52 28.8 -0.5

MVCO Mesa Verde 17.51 107 eP Pn 18 52 35.5 -0.1

DGMT Dagmar 17.97 68 eP Pn 18 52 40.9 -0.2

RSSD Black Hills 18.32 82 eP Pn 18 52 44.7 -0.7

ISCO Idaho Springs 18.39 96 eP Pn 18 52 44.7 -1.6

SDCO Great Sand Dun 19.32 102 eP Pn 18 52 57.5 -0.2

ANMO Albuquerque 20.13 110 LR LR 19 01 11.5

YKA Yellowknife Ar 20.13 20 Pn Pn 18 53 10.5 +5.6

FFC Fish Flon 20.57 50 eP Pn 18 53 11.4 +1.6

ULM Lac du Bonnet 23.49 64 P Pn 18 53 43.7 +3.0

ULM comp=Z, 98nm, 18.8s, MS3.3, baz=274, slow=37

AGMN Agassiz Nation 23.53 68 P Pn 19 02 40.7 -0.4

ECSO EROS Data Cent 23.66 80 eP Pn 18 53 41.7 -0.6

TXAR Lajitas Array 25.50 117 P Pn 18 53 59.9 +0.6

WMOK Wichita Mounta 25.54 102 eP Pn 18 53 59.9 +0.4

SCHO Mesa Verde 26.62 82 LR LR 19 12 47.5

HHC Hu-ho-hao-te 78.92 317 eP Pn 19 00 32.4 -1.5

HHC S S 19 10 27.5 -2.1

HHC comp=Z, 84nm, 7.0s pmax pmax

NJ2 Nanjing 81.66 307 eP Pn 19 00 49.3 +0.5

WMQ Urumqi 86.08 334 eP Pn 19 01 11.8 +0.5

LZH Lanzhou 86.37 319 eP Pn 19 01 16.8 -7.2

ZHZ Zhenyuan 86.37 319 eP Pn 19 01 18.4 +0.7

CD2 Chengdu 90.63 316 P Pn 19 01 32.5 -0.6

NIED 16 18:58:00.26:20N;126:60E, h62km, Mw3.9 Best double couple: M7.22000x1014 NP1:9s156.00000, 867.00000, 1:27.00000, NP2:2s258.00000, 865.00000, 1:154.00000

ISCJB 16 18:58:26.8:0.3, 26:14N;01:04:126:62E:0.04, h76km, 4km, mb3.9/15, Error ellipse: s-maj=8.7km s-min=3.8km

JMA 16 18:58:27.4:2.6, 18N;126:56E, h64km, 1km, M3.7, JMA Fellt J1

NEIC 16 18:58:28.9:2.3, 26:12N;126:55E, h82km, 20km, mb4.4/1, Error ellipse: s-maj=22.7km s-min=7.2km az=67.0

IDC 16 18:58:30.9:4.2, 26:12N;126:53E, h99km, 39km, mb3.6/14, mb1 3.7/15, mb1mx3.6/25, mbtmp3.6/15, MS2.9/2, Ms1 2.9/2, ms1mx2.3/29, Error ellipse: s-maj=32.6km s-min=13.0km az=69.0

ISC 16 18:58:27.0:3.2, 26:17N;01:05:126:60E:0.04, h69km, 4km, n39, 0:596/51, mb3.9/15, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JKE Kumejima 2, JAGN Aguni-jima, JAHN Naha, etc.

16d 20h

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| | | | | | | | | | | | | | | | | | | | | | | |
|------|--------------------|------|-----|-----|----|-----------------|------|--------------------|------|-----|-----|-----------------|-----------------|----------------|-------------------|------|-----|-----------------|-----------------|-----------------|--|--|
| RJF | | | | eSg | Sg | 20 34 53.2 +1.0 | EARI | | | Sn | Sn | 20 35 08.8 -0.1 | EIBI | | | Sn | Sn | 20 35 26.3 -4.4 | | | | |
| RJF | Les Rejaudoux | 2.50 | 33 | Ph | Pn | 20 34 13.3 +0.1 | EARI | | | Lg | Pn | 20 35 26.2 | EIBI | | | Lg | Pn | 20 35 50.9 | | | | |
| RJF | | | | Pg | Pg | 20 34 22.0 +2.3 | EARI | Arriondas | 3.50 | 273 | Pn | Pn | 20 34 29.7 +2.8 | EIBI | Ibiza | 4.39 | 162 | Pn | 20 34 39.3 +0.2 | | | |
| RJF | | | | Lg | | 20 34 53.2 | | 1.4nm,0.2s,SNR=9.4 | | | | | | | 7.3nm,0.2s,SNR=15 | | | 20 35 26.3 -4.4 | | | | |
| RJF | 357nm,0.3s | 2.50 | 33 | Pn | Pn | 20 34 13.3 +0.1 | EARI | | | Sn | Sn | 20 35 08.8 -0.1 | EIBI | | | Sn | Sn | 20 35 26.3 -4.4 | | | | |
| RJF | Les Rejaudoux | 2.50 | 33 | Pn | Pg | 20 34 22.0 +2.3 | EARI | Arriondas | 3.50 | 273 | Pn | Pn | 20 34 29.7 +2.8 | EIBI | | | Lg | | 20 35 50.9 | | | |
| RJF | | | | Lg | | 20 34 53.2 | | 1.4nm,0.2s,SNR=9.4 | | | | | | | 8.9nm,0.3s | | | | 20 34 39.3 +0.2 | | | |
| RJF | 357nm,0.3s | 2.50 | 33 | ePn | Pn | 20 34 13.3 +0.1 | EARI | | | Sn | Sn | 20 35 08.8 -0.1 | EIBI | Ibiza | 4.39 | 162 | Pn | Pn | 20 35 26.3 -4.4 | | | |
| RJF | Les Rejaudoux | 2.50 | 33 | ePg | Pg | 20 34 22.0 +2.3 | EARI | Arriondas | 3.50 | 273 | Pg | Pg | 20 34 38.8 -0.1 | EIBI | | | Sn | Sn | 20 35 26.3 -4.4 | | | |
| RJF | | | | eSg | Sg | 20 34 53.2 +1.0 | | 2.1nm,0.2s,SNR=7.3 | | | | | | | 11nm,0.2s,SNR=7.9 | | | | 20 35 50.9 | | | |
| SJAF | Saint Jean de | 2.53 | 106 | Pg | Pg | 20 34 18.8 -1.5 | EARI | | | Sn | Sn | 20 35 08.8 0.0 | EIBI | Ibiza | 4.39 | 162 | Pn | Pn | 20 34 39.3 +0.1 | | | |
| SJAF | | | | Sg | Sg | 20 34 54.2 +1.1 | | 33nm,0.5s,SNR=4.6 | | | | | | | 7.3nm,0.2s,SNR=15 | | | | 20 35 50.9 | | | |
| SJAF | Saint Jean de | 2.53 | 106 | Lg | Pb | 20 34 16.6 -1.1 | EARI | | | Lg | | | | | | | | | 20 35 50.9 | | | |
| SJAF | | | | Lg | | 20 34 49.1 | | 6.7nm,0.2s | | | | | | | 8.9nm,0.3s | | | | 20 34 57.5 +1.2 | | | |
| SJAF | Saint Jean de | 2.53 | 106 | Pg | Pg | 20 34 18.8 -1.5 | PYM | Petit Puy Mans | 3.52 | 43 | Pn | Pn | 20 34 29.1 +1.9 | SMRF | Simiane la Rot | 4.42 | 78 | ePg | Pg | 20 35 52.3 -1.2 | | |
| SJAF | | | | Sg | Sg | 20 34 54.2 +1.1 | TCF | Petit Puy Mans | 3.52 | 43 | Pn | Pg | 20 34 29.1 +1.9 | SMRF | | | | | | | | |
| SJAF | | | | Lg | Pb | 20 34 16.6 -1.1 | TCF | Toulx Ste Croi | 3.59 | 30 | ePg | Pg | 20 35 10.0 -1.0 | SMRF | Simiane la Rot | 4.42 | 78 | ePg | Pn | 20 34 39.8 +0.4 | | |
| SJAF | Saint Jean de | 2.53 | 106 | Pg | Pg | 20 34 18.8 -1.5 | TCF | | | eSg | Sn | 20 35 27.2 +0.1 | SMRF | | | | | | | | | |
| SJAF | | | | Sg | Sg | 20 34 54.2 +1.1 | TCF | | | | | | | 329nm,0.7s | | | | | | | | |
| EJON | La Jonquera | 2.55 | 106 | Pn | Pn | 20 34 16.3 +2.5 | TCF | | | Pn | Pn | 20 34 27.7 -0.5 | SMRF | Simiane la Rot | 4.42 | 78 | Pn | Pn | 20 34 39.8 +0.4 | | | |
| EJON | | | | Pg | Pg | 20 34 20.5 -0.1 | TCF | | | Sn | Sn | 20 35 10.0 -1.0 | SMRF | | | | | | | | | |
| EJON | | | | Sn | Sn | 20 34 46.5 +1.3 | TCF | | | Lg | | | | | | | | | | | | |
| EJON | La Jonquera | 2.55 | 106 | Pn | Pn | 20 34 15.4 +1.6 | TCF | | | Pn | Pn | 20 34 27.7 -0.5 | SMRF | Simiane la Rot | 4.42 | 78 | Pn | Pn | 20 34 39.8 +0.4 | | | |
| EJON | 0.0nm,0.1s,SNR=7.9 | | | | | 20 34 20.5 -0.1 | TCF | | | Pg | Pg | 20 34 41.9 +1.3 | SMRF | Simiane la Rot | 4.42 | 78 | ePg | Pg | 20 34 57.5 +1.2 | | | |
| EJON | | | | Lg | | 20 34 53.8 | | 176nm,0.4s | | | | | | | | | | | | | | |
| EJON | 38nm,0.3s,SNR=62 | | | | | 20 34 20.5 -0.1 | TCF | | | Pn | Pn | 20 34 27.7 -0.5 | SMRF | Simiane la Rot | 4.42 | 78 | ePg | Pg | 20 35 52.3 -1.2 | | | |
| EJON | | | | Pg | Pg | 20 34 20.5 -0.1 | TCF | | | Pg | Pg | 20 35 10.0 -1.0 | ESDC | Sonsec Array | 4.43 | 218 | Pn | Pn | 20 34 39.9 +0.2 | | | |
| EJON | 169nm,0.2s,SNR=30 | 2.55 | 106 | Pn | Pn | 20 34 16.3 +2.5 | TCF | | | Lg | | | | | | | | | | | | |
| EJON | La Jonquera | 2.55 | 106 | Pn | Pn | 20 34 20.5 -0.1 | TCF | | | Pn | Pn | 20 34 27.7 -0.5 | ESDC | | | | | | | | | |
| EJON | 0.0nm,0.1s,SNR=7.9 | | | | | 20 34 53.8 | | 176nm,0.4s | | | | | | | | | | | | | | |
| EJON | | | | Pg | Pg | 20 34 20.5 -0.1 | TCF | | | Pg | Pg | 20 35 10.0 -1.0 | ESDC | | | | | | | | | |
| EJON | 38nm,0.3s,SNR=62 | | | | | 20 34 20.5 -0.1 | TCF | | | Pn | Pn | 20 34 27.7 -0.5 | ESDC | | | | | | | | | |
| EJON | 169nm,0.2s,SNR=30 | 2.55 | 106 | Pn | Pn | 20 34 16.3 +2.5 | TCF | | | Lg | | | | | | | | | | | | |
| EJON | La Jonquera | 2.55 | 106 | Pg | Pg | 20 34 20.5 -0.1 | TCF | | | Pn | Pn | 20 34 27.7 -0.5 | ESDC | | | | | | | | | |
| EJON | SNR=7.9 | | | | | 20 34 53.8 | | 176nm,0.4s | | | | | | | | | | | | | | |
| EJON | 38nm,0.3s,SNR=62 | | | | | 20 34 20.5 -0.1 | TCF | | | Pg | Pg | 20 35 10.0 -1.0 | ESDC | | | | | | | | | |
| EJON | 169nm,0.2s,SNR=30 | 2.55 | 106 | Pn | Pn | 20 34 16.3 +2.5 | TCF | | | Lg | | | | | | | | | | | | |
| EJON | La Jonquera | 2.55 | 106 | Pg | Pg | 20 34 20.5 -0.1 | TCF | | | Pn | Pn | 20 34 27.7 -0.5 | ESDC | | | | | | | | | |
| EJON | SNR=7.9 | | | | | 20 34 53.8 | | 176nm,0.4s | | | | | | | | | | | | | | |
| EJON | 38nm,0.3s,SNR=62 | | | | | 20 34 20.5 -0.1 | TCF | | | Pg | Pg | 20 35 10.0 -1.0 | ESDC | | | | | | | | | |
| EJON | 169nm,0.2s,SNR=30 | 2.55 | 106 | Pn | Pn | 20 34 16.3 +2.5 | TCF | | | Lg | | | | | | | | | | | | |
| EJON | La Jonquera | 2.55 | 106 | Pg | Pg | 20 34 20.5 -0.1 | TCF | | | Pn | Pn | 20 34 27.7 -0.5 | ESDC | | | | | | | | | |
| EJON | SNR=7.9 | | | | | 20 34 53.8 | | 176nm,0.4s | | | | | | | | | | | | | | |
| EJON | 38nm,0.3s,SNR=62 | | | | | 20 34 20.5 -0.1 | TCF | | | Pg | Pg | 20 35 10.0 -1.0 | ESDC | | | | | | | | | |
| EJON | 169nm,0.2s,SNR=30 | 2.55 | 106 | Pn | Pn | 20 34 16.3 +2.5 | TCF | | | Lg | | | | | | | | | | | | |
| EJON | La Jonquera | 2.55 | 106 | Pg | Pg | 20 34 20.5 -0.1 | TCF | | | Pn | Pn | 20 34 27.7 -0.5 | ESDC | | | | | | | | | |
| EJON | SNR=7.9 | | | | | 20 34 53.8 | | 176nm,0.4s | | | | | | | | | | | | | | |
| EJON | 38nm,0.3s,SNR=62 | | | | | 20 34 20.5 -0.1 | TCF | | | Pg | Pg | 20 35 10.0 -1.0 | ESDC | | | | | | | | | |
| EJON | 169nm,0.2s,SNR=30 | 2.55 | 106 | Pn | Pn | 20 34 16.3 +2.5 | TCF | | | Lg | | | | | | | | | | | | |
| EJON | La Jonquera | 2.55 | 106 | Pg | Pg | 20 34 20.5 -0.1 | TCF | | | Pn | Pn | 20 34 27.7 -0.5 | ESDC | | | | | | | | | |
| EJON | SNR=7.9 | | | | | 20 34 53.8 | | 176nm,0.4s | | | | | | | | | | | | | | |
| EJON | 38nm,0.3s,SNR=62 | | | | | 20 34 20.5 -0.1 | TCF | | | Pg | Pg | 20 35 10.0 -1.0 | ESDC | | | | | | | | | |
| EJON | 169nm,0.2s,SNR=30 | 2.55 | 106 | Pn | Pn | 20 34 16.3 +2.5 | TCF | | | Lg | | | | | | | | | | | | |
| EJON | La Jonquera | 2.55 | 106 | Pg | Pg | 20 34 20.5 -0.1 | TCF | | | Pn | Pn | 20 34 27.7 -0.5 | ESDC | | | | | | | | | |
| EJON | SNR=7.9 | | | | | 20 34 53.8 | | 176nm,0.4s | | | | | | | | | | | | | | |
| EJON | 38nm,0.3s,SNR=62 | | | | | 20 34 20.5 -0.1 | TCF | | | Pg | Pg | 20 35 10.0 -1.0 | ESDC | | | | | | | | | |
| EJON | 169nm,0.2s,SNR=30 | 2.55 | 106 | Pn | Pn | 20 34 16.3 +2.5 | TCF | | | Lg | | | | | | | | | | | | |
| EJON | La Jonquera | 2.55 | 106 | Pg | Pg | 20 34 20.5 -0.1 | TCF | | | Pn | Pn | 20 34 27.7 -0.5 | ESDC | | | | | | | | | |
| EJON | SNR=7.9 | | | | | 20 34 53.8 | | 176nm,0.4s | | | | | | | | | | | | | | |
| EJON | 38nm,0.3s,SNR=62 | | | | | 20 34 20.5 -0.1 | TCF | | | Pg | Pg | 20 35 10.0 -1.0 | ESDC | | | | | | | | | |
| EJON | 169nm,0.2s,SNR=30 | 2.55 | 106 | Pn | Pn | 20 34 16.3 +2.5 | TCF | | | Lg | | | | | | | | | | | | |
| EJON | La Jonquera | 2.55 | 106 | Pg | Pg | 20 34 20.5 -0.1 | TCF | | | Pn | Pn | 20 34 27.7 -0.5 | ESDC | | | | | | | | | |
| EJON | SNR=7.9 | | | | | 20 34 53.8 | | 176nm,0.4s | | | | | | | | | | | | | | |
| EJON | 38nm,0.3s,SNR=62 | | | | | 20 34 20.5 -0.1 | TCF | | | Pg | Pg | 20 35 10.0 -1.0 | ESDC | | | | | | | | | |
| EJON | 169nm,0.2s,SNR=30 | 2.55 | 106 | Pn | Pn | 20 34 16.3 +2.5 | TCF | | | Lg | | | | | | | | | | | | |
| EJON | La Jonquera | 2.55 | 106 | Pg | Pg | 20 34 20.5 -0.1 | TCF | | | Pn | Pn | 20 34 27.7 -0.5 | ESDC | | | | | | | | | |
| EJON | SNR=7.9 | | | | | 20 34 53.8 | | 176nm,0.4s | | | | | | | | | | | | | | |
| EJON | 38nm,0.3s,SNR=62 | | | | | 20 34 20.5 -0.1 | TCF | | | Pg | Pg | 20 35 10.0 -1.0 | ESDC | | | | | | | | | |
| EJON | 169nm,0.2s,SNR=30 | 2.55 | 106 | Pn | Pn | 20 34 16.3 +2.5 | TCF | | | Lg | | | | | | | | | | | | |
| EJON | La Jonquera | 2.55 | 106 | Pg | Pg | 20 34 20.5 -0.1 | TCF | | | Pn | Pn | 20 34 27.7 -0.5 | ESDC | | | | | | | | | |
| EJON | SNR=7.9 | | | | | 20 34 53.8 | | 176nm,0.4s | | | | | | | | | | | | | | |
| EJON | 38nm,0.3s,SNR=62 | | | | | 20 34 20.5 -0.1 | TCF | | | Pg | Pg | 20 35 10.0 -1.0 | ESDC | | | | | | | | | |
| EJON | 169nm,0.2s,SNR=30 | 2.55 | 106 | Pn | Pn | 20 34 16.3 +2.5 | TCF | | | Lg | | | | | | | | | | | | |
| EJON | La Jonquera | 2.55 | 106 | Pg | Pg | 20 34 20.5 -0.1 | TCF | | | Pn | Pn | 20 34 27.7 -0.5 | ESDC | | | | | | | | | |
| EJON | SNR=7.9 | | | | | 20 34 53.8 | | 176nm,0.4s | | | | | | | | | | | | | | |
| EJON | 38nm,0.3s,SNR=62 | | | | | 20 34 20.5 -0.1 | TCF | | | Pg | Pg | 20 35 10.0 -1.0 | ESDC | | | | | | | | | |
| EJON | 169nm,0.2s,SNR=30 | 2.55 | 106 | Pn | Pn | 20 34 16.3 +2.5 | TCF | | | Lg | | | | | | | | | | | | |
| EJON | La Jonquera | 2.55 | 106 | Pg | Pg | 20 34 20.5 -0.1 | TCF | | | Pn | Pn | 20 34 27.7 -0.5 | ESDC | | | | | | | | | |
| EJON | SNR=7.9 | | | | | 20 34 53.8 | | 176nm,0.4s | | | | | | | | | | | | | | |
| EJON | 38nm,0.3s,SNR=62 | | | | | 20 34 20.5 -0.1 | TCF | | | Pg | Pg | 20 35 10.0 -1.0 | ESDC | | | | | | | | | |
| EJON | 169nm,0.2s,SNR=30 | 2.55 | 106 | Pn | Pn | 20 34 16.3 +2.5 | TCF | | | L | | | | | | | | | | | | |

16d 22h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like HAU Haudompre, LMR La Moure, CABF La Chapelle, etc.

ATH 16:21:36:10.2, 38:90N:28:29E, h19km, 13km, MD3.7/6
NEIC 16:21:36:10.3, 38:90N:28:29E, h19km, MD3.7(ATH), After ATH.

ISK 16:21:36:14.6, 38:94N:27:74E, h2km, ML3.5
DDA 16:21:36:14.2, 38:91N:27:90E, h13km, 1km, MD3.3
THE 16:21:36:15.4, 38:89N:27:83E, h1km, 1km, ML4.0/4, Error ellipse: s-maj=2.0km s-min=0.5km az=107.0

CSEM 16:21:36:15.5-0.1, 38:91N:27:79E, h2km, ML3.5, Error ellipse: s-maj=3.2km s-min=2.7km az=110.0
ISCJJB 16:21:36:15.2, 0.3, 38:92N:01:27:80E:0.02, h2km, 3km, Error ellipse: s-maj=3.0km s-min=2.3km az=10.5

ISC 16:21:36:15.8, 0.3, 38:92N:01:27:79E:0.02, h4km, 2km, n145, r190/192, Turkey

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AKHS Akhisar, KADAG KADAG, IZMI Izmir, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MILS Milas, BOZC Bozcaada, LPK Lapseki, etc.

ISCJJB 16:21:52:45.0, 2.1, 7:15:0.1, 147:48E:0.10, h67km, 20km, mb3.9/4, Error ellipse: s-maj=19.9km s-min=13.2km az=144.1

ISC 16:21:52:44.8, 5.2, 7:05S:147:44E, h45km, 72km, mb3.7/2, mb1.9/3, mb1mx3.4/15, mb1mx3.9/3, ML3.9, Error ellipse: s-maj=95.2km s-min=93.5km az=144.0

NEIC 16:21:52:45.7, 1.3, 7:06S:147:45E, h57km, 12km, mb3.8/4, Error ellipse: s-maj=13.3km s-min=8.1km az=142.0

ISC 16:21:52:45.2, 1.7, 7:05S:147:45E:0.10, h50km, 16km, n18, r063/20, mb4.0/4, Eastern New Guinea region

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PMG Port Moresby, WRA Warramunga Arr, WRA Alice Springs, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like n20, r081/17, mb3.2/4, Kermadec Islands region, RAO Raoul Island, etc.

ISCJJB 16:22:20:51.8, 0.8, 32:28N:0.03:105:08E:0.03, h8km, 5km, mb4.2/28, MS3.7/2, Error ellipse: s-maj=5.3km s-min=4.4km az=139.9

IDC 16:22:20:52.9, 1.7, 32:31N:104:98E, h0km, mb4.2/10, mb1.4/3/13, mb1mx1.1/25, mbtmp4.2/13, ML4.0/3, MS3.7/2, Ms1.8/2, ms1mx2.7/32, Error ellipse: s-maj=38.4km s-min=22.8km az=2.0

BUI 16:22:20:53.7, 32:34N:105:16E, h9km, mb4.5/5, mb4.1/6, ML4.0/21, MS3.8/8, Ms7.3/6/7

NEIC 16:22:20:54.0, 0.3, 32:31N:105:01E, h10km, mb4.3/12, Error ellipse: s-maj=7.5km s-min=5.5km az=65.0

ISC 16:22:20:54.5, 0.8, 32:26N:0.03:105:03E:0.03, h13km, 5km, n73, r095/86, mb4.2/28, MS3.7/2, Sichuan

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CD2 Chengdu, XAN Xi'an, LZH Lanzhou, etc.

Table with columns: Code, Station Name, Az, AzSE, Phase ID, Time, Res, ISC, H, S, Res. Includes stations like Erkin-Say, Kurchatov, Kabul, Borovoye Array, etc.

BUI 16:22:25.47, 1.7, 92S, 120:53E, h561km, mB4, 4/21, mb4, 6/34
MOS 16:22:25.51, 8.1, 0.7, 19S, 120:31E, h559km, mb4, 7/23, Error
NEIC 16:22:25.52, 9.0, 4.7, 26S, 120:30E, h561km, mb4, 7/33, Error
ISCJB 16:22:25.52, 4.0, 2.7, 33S, 0:03, 120:28E, 0:03, h573km, 2km, mb4, 5/75, Error
DJA 16:22:25.52, 7.4, 15S, 120:26E, h568km, mb4, 9/30
IDC 16:22:25.53, 2.0, 5.7, 29S, 120:34E, h561km, 5km, mb4, 1/26, mb1, 4/130, mb1mx4, 1/32, mbtmp4, 1/30, Error
ISC 16:22:25.52, 9.0, 2.7, 36S, 0:03, 120:28E, 0:03, h564km, 2km, h554km, 4.0km, pP, n253, s105/239, mb4, 5/73, 8C-6D,

Table with columns: Code, Station Name, Az, AzSE, Phase ID, Time, Res, ISC, H, S, Res. Includes stations like Flores Sea, BKSJ, BKSJ, MMRI, KAPI, BNSI, etc.

Table with columns: Code, Station Name, Az, AzSE, Phase ID, Time, Res, ISC, H, S, Res. Includes stations like KAKA, Kuching, KSM, Kuching, KSM, Kuching, etc.

Table with columns: Code, Station Name, Az, AzSE, Phase ID, Time, Res, ISC, H, S, Res. Includes stations like XAN, Vis, KSRS, KSR, etc.

16d 22h

Table of astronomical observations for 16d 22h, listing stations like AML, AML, OSPENOVKA, etc., with columns for station name, coordinates, and observation details.

2008 JUL

Main table of astronomical observations for 2008 JUL, listing stations like FINES, ARCES, YKA, etc., with columns for station name, coordinates, and observation details.

726

Table of astronomical observations for 726, listing stations like NACB, YHNB, CMAR, etc., with columns for station name, coordinates, and observation details.

| | | | | | | |
|-------|--|------------|-------|--------|------------|------|
| LZH | Lanzhou | 44.28 334 | P | P | 22 39 48.8 | +2.2 |
| LZH | | | pP | pP | 22 39 57.9 | -0.2 |
| LZH | | | pP | pP | 22 39 58.9 | +0.8 |
| LZH | | | sP | sP | 22 40 05.0 | +2.1 |
| LZH | comp=Z,25nm,1.0s,mb4.9 | | pmax | pmax | | |
| HHC | Hu-ho-hao-te | 45.77 344 | eP | S | 22 40 00.4 | +2.0 |
| HHC | | | S | P | 22 46 39.8 | +0.6 |
| HHC | comp=Z,14nm,0.7s,mb5.0 | | pmax | pmax | | |
| HHC | comp=Z,180nm,6.8s | | pmax | pmax | | |
| PALK | Pallekele | 46.68 283 | P | P | 22 40 04.7 | -1.4 |
| LSA | Lhasa | 46.87 317 | eP | P | 22 40 07.5 | +0.3 |
| LSA | comp=Z,6.7nm,0.7s,mb4.7 | | eP | P | | |
| ODAN | Odare | 47.95 311 | eP | P | 22 40 16.6 | +0.9 |
| ODAN | comp=Z,28nm,0.9s,mb5.3 | | eP | P | | |
| TAPN | Taplejung | 47.97 312 | eP | P | 22 40 16.8 | +0.9 |
| RAMN | Ramite | 48.60 310 | eP | P | 22 40 21.9 | +1.2 |
| RAMN | comp=Z,67nm,0.8s,mb5.7 | | eP | P | | |
| GTA | Gaotai | 48.83 333 | P | P | 22 40 23.3 | +1.1 |
| GTA | | | pP | pP | 22 40 23.9 | -1.4 |
| GTA | | | sP | sP | 22 40 36.5 | -2.1 |
| GTA | comp=Z,8.0nm,1.0s,mb4.7 | | pmax | pmax | | |
| JIRN | Jiri | 49.28 311 | eP | P | 22 40 26.9 | +1.0 |
| JIRN | comp=Z,16nm,0.6s,mb5.2 | | eP | P | | |
| GUN | Gumba | 49.64 311 | eP | P | 22 40 29.6 | +0.9 |
| GUN | comp=Z,56nm,0.8s,mb5.7 | | eP | P | | |
| PKI | Pulchoki | 49.82 310 | eP | P | 22 40 30.6 | +0.5 |
| PKI | comp=Z,20nm,0.8s,mb5.3 | | eP | P | | |
| KKN | Kakani | 50.03 311 | eP | P | 22 40 32.1 | +0.4 |
| KKN | comp=Z,27nm,0.9s,mb5.3 | | eP | P | | |
| DMN | Daman | 50.07 310 | eP | P | 22 40 32.3 | +0.6 |
| DMN | comp=Z,46nm,1.1s,mb5.4 | | eP | P | | |
| GKN | Gorkha | 50.63 310 | eP | P | 22 40 36.6 | +0.4 |
| GKN | comp=Z,28nm,0.8s,mb5.2 | | eP | P | | |
| ULN | Ulaanbaatar | 53.48 344 | eP | P | 22 40 57.5 | +0.5 |
| ULN | comp=Z,6.9nm,0.8s,mb4.6 | | eP | P | | |
| ULN | Ulaanbaatar | 53.48 344 | P | P | 22 40 58.2 | +1.2 |
| SONM | Songino Array | 53.64 343 | P | P | 22 40 58.8 | +0.6 |
| SONM | comp=Z,4.8nm,0.8s,mb4.5,baz=155,slow=8.1,SNR=20 | | P | P | | |
| RPZ | Rata Peaks | 56.54 142 | P | P | 22 41 19.5 | +0.2 |
| RPZ | comp=Z,9.7nm,0.5s,mb5.0,baz=347,slow=3.2,SNR=11 | | P | P | | |
| PETK | Petrovsk | 61.89 21 | P | P | 22 41 56.2 | +0.3 |
| PETK | comp=Z,2.0nm,0.7s,mb4.4,baz=200,slow=4.5,SNR=4.5 | | P | P | | |
| MK31 | Makanchi Array | 62.98 328 | eP | P | 22 42 03.9 | +0.5 |
| MKAR | Makanchi Array | 62.98 328 | eP | P | 22 42 03.9 | +0.4 |
| MKAR | comp=Z,2.4nm,0.6s,mb4.5,baz=126,slow=8.2,SNR=24 | | eP | P | | |
| MKAR | comp=Z,7.2nm,0.7s,baz=127,slow=8.3,SNR=17 | | eP | P | 22 42 09.2 | -6.1 |
| UCH | Uchter | 65.00 320 | eP | P | 22 42 17.5 | +0.7 |
| UCH | comp=Z,4.2nm,0.9s,mb4.5 | | eP | P | | |
| AAK | Ala-Archa | 65.22 320 | P | P | 22 42 18.0 | -0.2 |
| KBL | Kabul | 65.46 310 | eP | P | 22 42 20.8 | +0.9 |
| KBL | comp=Z,5.7nm,0.8s,mb4.7 | | eP | P | | |
| AML | Almayashu | 65.48 319 | eP | P | 22 42 20.7 | +0.8 |
| AML | comp=Z,5.8nm,0.9s,mb4.5 | | eP | P | | |
| EKS2 | Erkin-Say | 66.89 320 | eP | P | 22 42 22.3 | +1.0 |
| EKS2 | comp=Z,4.9nm,0.9s,mb4.5 | | eP | P | | |
| ZAA0 | Zalesovo Array | 66.50 335 | eP | P | 22 42 25.4 | -0.8 |
| ZALV | Zalesovo Beam | 66.50 335 | P | P | 22 42 25.5 | -0.7 |
| ZALV | comp=Z,1.3nm,0.6s,mb4.1,baz=131,slow=4.1,SNR=7.6 | | P | P | | |
| ZALV | comp=Z,1.3nm,0.6s,mb4.1,baz=131,slow=4.1,SNR=7.6 | | pP | pP | 22 42 31.1 | -7.1 |
| KURK | Kurchatov | 67.31 329 | eP | P | 22 42 30.9 | -0.5 |
| KURK | comp=Z,4.7nm,0.8s,baz=107,slow=5.0,SNR=8.6 | | eP | P | | |
| BVAR | Borovoy Array | 72.84 328 | P | P | 22 43 04.6 | -0.7 |
| BVAR | comp=Z,1.4nm,0.8s,mb5.0 | | P | P | | |
| BVAR | comp=Z,3.2nm,0.8s,mb4.3,baz=141,slow=9.3,SNR=14 | | pP | pP | 22 43 10.6 | -6.8 |
| BRVK | Borovoy | 72.91 328 | eP | P | 22 43 04.4 | -1.3 |
| BRVK | comp=Z,5.5nm,0.9s,mb4.5 | | eP | P | | |
| ABKAR | Akbulak array | 77.20 322 | eP | P | 22 43 29.9 | -0.6 |
| ABKAR | comp=Z,5.4nm,1.3s,mb4.3 | | eP | P | | |
| MAW | Mawson | 77.26 201 | P | P | 22 43 29.5 | -1.0 |
| MAW | comp=Z,2.9nm,0.3s,mb4.1,baz=21,slow=3.9,SNR=3.8 | | P | P | | |
| MAW | Mawson | 77.26 201 | eP | P | 22 43 29.2 | -1.4 |
| ARU | Arti | 80.48 329 | eP | P | 22 43 47.2 | -1.2 |
| QSPA | South Pole Qui | 86.86 180 | P | P | 22 44 19.4 | -1.3 |
| QSPA | comp=Z,3.2nm,0.6s,mb4.7,baz=262,slow=1.1,SNR=24 | | P | P | | |
| QSPA | South Pole Qui | 86.86 180 | eP | P | 22 44 19.5 | -1.2 |
| KIV | Kislovodsk | 87.55 314 | eP | P | 22 44 23.7 | -1.0 |
| CFAA | Coronel Fontan | 142.81 159 | PKhKP | PKPpre | 22 51 06.3 | |
| CPUP | Villa Florida | 150.53 173 | PKPbc | PKPbc | 22 51 29.1 | 0.0 |
| CPUP | comp=Z,6.4nm,0.6s,baz=146,slow=1.6,SNR=24 | | PKPbc | PKPbc | | |
| LPAZ | La Paz | 156.02 144 | PKPbc | PKPpdf | 22 51 42.8 | +1.1 |
| LPAZ | comp=Z,2.1nm,0.8s,baz=25,slow=0.5,SNR=10 | | PKPbc | PKPpdf | | |
| LPAZ | comp=Z,12nm,0.6s,baz=212,slow=1.1,SNR=36 | | PKPab | PKPab | 22 52 00.4 | +1.4 |

NEIC 16 22:46:10.8,35:86N-27:76E,h42km,MD3.3(ATH),After ATH.
 ATH 16 22:46:10.8,35:86N-27:76E,h42km,MD3.3/6
 ISCJB 16 22:46:12.0,1.9,36:02N-0:05:27:51E,0.06,h13km,1.3km,
 Error ellipse: s-maj=11.3km s-min=4.2km az=44.6
 CSEM 16 22:46:12.0,2.0,35:99N-27:53E,h15km,MD3.3,Error
 ellipse: s-maj=9.3km s-min=3.7km az=134.0
 DDA 16 22:46:14.9,36:13N-27:29E,h40km,MD2.9
 ISC 16 22:46:12.0,1.9,35:96N-0:05:27:59E,0.08,h24km,8km,
 n24,-0.89/44,Decadence Islands

| Code | Station Name | ° AZ | Phase ID | Time | Res | |
|------|--------------|----------|----------|-------|------------|------|
| | | | | h m s | ISC | |
| ARG | Arkhangelos | 0.50 60 | eP | Pb | 22 46 22.0 | -1.1 |
| ARG | | | eS | Sb | 22 46 29.9 | -0.2 |
| ARG | Arkhangelos | 0.50 60 | eS | Sb | 22 46 29.9 | -0.2 |
| ARG | Arkhangelos | 0.50 60 | eS | Pb | 22 46 22.0 | -1.1 |
| ARG | | | eS | Sb | 22 46 29.9 | -0.2 |
| KARP | Karpathos | 0.54 220 | eP | Pb | 22 46 23.5 | -0.2 |
| KARP | | | eS | Sb | 22 46 32.5 | +1.4 |
| KARP | Karpathos | 0.54 220 | eS | Sb | 22 46 23.5 | -0.2 |
| KARP | | | eS | Sb | 22 46 32.5 | +1.4 |
| KARP | Karpathos | 0.54 220 | eP | Pb | 22 46 23.5 | -0.2 |
| BDRM | Kayabasi | 1.10 354 | iP | Pb | 22 46 32.0 | -0.9 |
| BDRM | | | iS | Sb | 22 46 47.9 | +0.6 |
| BDRM | Kayabasi | 1.10 354 | iP | Pb | 22 46 32.0 | -0.9 |
| BDRM | | | iS | Sb | 22 46 47.9 | +0.6 |
| ZKR | Zakros | 1.40 233 | eP | Pn | 22 46 36.3 | -0.6 |
| ZKR | | | eS | Sb | 22 46 36.3 | -0.6 |
| ZKR | Zakros | 1.40 233 | eS | Sb | 22 46 54.8 | +0.2 |
| ZKR | | | eS | Sb | 22 46 36.3 | -0.6 |
| AYDN | Tasoluk | 1.71 8 | iP | Pn | 22 46 40.5 | -0.6 |
| AYDN | | | iS | Sb | 22 47 01.4 | -0.8 |
| AYDN | Tasoluk | 1.71 8 | iP | Pn | 22 46 40.5 | -0.6 |
| AYDN | | | iS | Sb | 22 47 01.4 | -0.8 |
| NPS | Neapolis | 1.75 247 | iS | Sb | 22 47 02.9 | -0.4 |
| NPS | | | eS | Sb | 22 46 40.9 | -0.8 |
| NPS | Neapolis | 1.75 247 | eS | Sb | 22 47 02.9 | -0.4 |
| NPS | | | eS | Sb | 22 46 40.9 | -0.8 |
| NPS | Neapolis | 1.75 247 | eP | Pn | 22 46 40.9 | -0.8 |
| NPS | | | eP | Pn | 22 47 02.9 | -0.4 |
| LAST | Lasithi | 1.90 246 | eP | Pn | 22 46 43.5 | -0.2 |
| LAST | | | eP | Pn | 22 46 43.5 | -0.2 |
| LAST | Lasithi | 1.90 246 | eP | Pn | 22 46 43.5 | -0.2 |
| LAST | | | eP | Pn | 22 46 43.5 | -0.2 |
| DNZL | Cakiroluk | 2.08 34 | iP | Pn | 22 46 48.1 | +1.9 |
| DNZL | | | iS | Sb | 22 47 13.2 | +1.8 |
| DNZL | Cakiroluk | 2.08 34 | iP | Pn | 22 46 48.1 | +1.8 |
| DNZL | | | iS | Sb | 22 47 13.2 | +1.8 |
| IDI | Anoyia | 2.30 254 | eP | Pn | 22 46 48.8 | -0.4 |
| IDI | | | eS | Sb | 22 47 17.6 | +0.9 |
| IDI | Anoyia | 2.30 254 | eP | Pn | 22 46 48.8 | -0.4 |
| IDI | | | eS | Sb | 22 47 17.6 | +0.9 |
| IDI | Anoyia | 2.30 254 | eP | Pn | 22 47 17.6 | +0.9 |
| IDI | | | eS | Sb | 22 47 17.6 | +0.9 |

LDG 16 22:58:17.0,0.3,33:33N-91:88E,h10km,MB5.2/40,
 MS4.7/9,Error ellipse: s-maj=15.2km s-min=6.6km
 az=139.0
 BUJ 16 22:58:17.4,33:15N-92:11E,h15km,MB5.0/42,mb4.8/52,
 MS5.4/71,MS7.5/258
 IDC 16 22:58:17.2,0.5,33:21N-92:13E,h0km,mb4.8/24,
 mb1.4/9/26,mb1mx4.9/29,mbtmp4.8/26,ML4.7/2,MS4.7/27,

Ms1 4.7/27,ms1mx4.5/37,Error ellipse: s-maj=15.9km
 s-min=1.2km az=35.0
 ISCJB 16 22:58:18.2,0.7,33:17N-0:02-92:13E,0.02,h21km,5km,
 mb5.0/192,MS4.9/69,Error ellipse: s-maj=3.5km
 s-min=2.6km az=7.1
 NEIC 16 22:58:20.1,1.3,33:17N-92:08E,h20km,9km,mb5.1/107,
 MS4.9/5,Error ellipse: s-maj=4.5km s-min=3.2km
 az=219.0
 MOS 16 22:58:20.0,0.9,33:19N-92:09E,h33km,mb5.2/91,
 MS4.8/43,Error ellipse: s-maj=6.0km s-min=3.5km
 az=123.5
 SZGRF 16 22:58:21.4,33:05N-92:41E,h18km,mb5.1,MS5.0,
 Qinghai, China
 GCMT 16 22:58:24.3,0.1,33:15N-92:24E,h17km,MW5.3, Moment
 Tensor Solution. s80,c86; s88,c172; Moment tensor:
 Scale 10¹⁷Nm; Mr=0.39; Ms=0.70; M0=1.09; M2=0.3;
 Mw=0.47; Mb=0.76; Mz=0.11; Best double
 couple: M=1.30000x10¹⁷ NP1:159.00000°,868.00000°,
 λ=160.00000°. NP2:161.00000°,871.00000°,
 λ=23.00000°. Principal axes: T 1.3700,Plg2.0000°,
 Azm111.0000°; N -0.1300,Plg61.0000°,Azm204.0000°;
 P -1.2400,Plg29.0000°,Azm19.0000°; Data Used: II IU
 IC-CN.

| Code | Station Name | ° AZ | Phase ID | Time | Res | |
|------|-------------------|----------|----------|-------|------------|------|
| | | | | h m s | ISC | |
| LSA | Lhasa | 3.56 194 | Op | Pg | 22 59 20.1 | +2.3 |
| LSA | | | Pg | Pb | 23 00 06.8 | +1.6 |
| LSA | | | Sg | Sb | | |
| LSA | | | LR | LR | | |
| LSA | comp=N,31um,8.4s | | LR | LR | | |
| LSA | comp=E,47um,9.7s | | LR | LR | | |
| LSA | comp=Z,64um,7.7s | | LR | LR | | |
| LSA | Lhasa | 3.56 194 | iPn | Pb | 22 59 19.4 | -2.9 |
| LSA | | | eSg | Sg | 23 00 12.9 | -1.4 |
| TAPN | Taplejung | 6.94 214 | eP | Pn | 23 00 04.0 | +3.2 |
| ODAN | Odare | 7.51 214 | eP | Pn | 23 00 10.3 | +1.8 |
| JIRN | Jiri | 7.51 225 | eP | Pn | 23 00 12.0 | +3.4 |
| GUN | Gumba | 7.51 227 | eP | Pn | 23 00 12.2 | +3.6 |
| GUN | comp=Z,325nm,0.9s | | eP | Pn | | |
| SHL | Shilong | 7.58 182 | ePKP | Pn | 23 00 10.0 | +0.5 |
| SHL | comp=Z,31nm,0.9s | | ePKP | Pn | | |
| SHL | | | ex | x | 23 01 36.0 | |
| RAMN | Ramite | 7.83 219 | eP | Pn | 23 00 14.1 | +1.1 |
| RAMN | comp=Z,452nm,0.9s | | eP | Pn | | |
| KKN | Kakani | 7.98 230 | eP | Pn | 23 00 18.2 | +3.3 |
| KKN | comp=Z,232nm, | | | | | |

Table with columns: BRTR, Keskin Array B, 46.78 296 P, 23 06 48.4 0.0, etc. Includes rows for Keskin Array B, Lovozero, Seymchan, Prodromos, Malin Array B, etc.

Table with columns: CRVS, Cervenia-Dubn, 53.67 309 eP, 23 07 41.1 +0.8, etc. Includes rows for Cervenia-Dubn, Stebnicka Huta, Bilibino, etc.

Table with columns: BRG, Berggiesshubel, 57.98 313 eP, 23 08 11.1 -0.2, etc. Includes rows for Berggiesshubel, Gros Grobnik, etc.

Table with columns: BRG, Berggiesshubel, 57.98 313 eP, 23 08 11.1 -0.2, etc. Includes rows for Berggiesshubel, Gros Grobnik, etc.

Table with columns: JAN, Janina, 2.04, 4, ePG, Pp, 00 46 12.1 -0.6, etc. Includes stations like Janina, Didima, Lokris, Kerkira, Klokotos Trika, Nisos Agina, Kithira, Athens Observa, Voula, Athens, Penteli, Sokhos, Horiatias, and Ston.

MDD 17:00:46:57.2, 1.3, 36.80N, 13.69W, h0km, mb4.5/5, Error ellipse: s-maj=17.9km s-min=11.8km az=151.0

NEIC 17:00:46:59.8, 37.02N, 13.57W, h0km, MG4.3(MDD), After

CSEM 17:00:47:00.1, 0.5, 36.80N, 13.60W, h30km, ML3.2/15, Error ellipse: s-maj=13.3km s-min=8.9km az=151.0

IGIL 17:00:47:00.2, 37.02N, 13.57W, h2km, ML2.8

LDG 17:00:47:01.6, 0.3, 36.88N, 13.73W, h30km, M3.2/4, Error ellipse: s-maj=4.9km s-min=4.8km az=136.0

INMG 17:00:47:02.0, 0.9, 36.79N, 13.84W, h10km, ML2.6, 4C, Error ellipse: s-maj=4.9km s-min=2.1km az=131.0, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Az, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations and their coordinates and times.

Main data table with columns: PBDV, Barranco-do-Ve, 4.75, 83, ePn, Pn, 00 48 08.3 -5.3, etc. Lists stations like Barranco-do-Ve, Funchal, Beja, Vaqueiros, Evora, Tomar, Estremoz, Barrancos, Marv??o, Badajoz, and Mina Concepcio.

Main data table with columns: PVIS, Viseu, 6.08, 48, Pn, Pn, 00 48 25.2 -6.6, etc. Lists stations like Viseu, Vila Real, Cabril, Lobios, Moncorvo, Plasencia, Mazaricos, Braganca, Adamuz, Calabor, Quesada, Arriodas, Torete, and Ste Jean.

17d 1h

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res ISC. Includes stations like Ste Jean, Etsaut, Esparras, etc.

NEIC 17 01:00:30.3, 39.40N, 26.47E, h16km, MD3.4(ATH), After ATH.
ATH 17 01:00:30.5, 39.40N, 26.44E, h16km, 1km, MD3.4/4
CSEM 17 01:00:31.7, 0.1, 39.38N, 26.29E, h8km, ML3.2/5, Error ellipse: s-maj=2.9km s-min=2.1km az=92.0

Main station list table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res ISC. Lists numerous stations across various regions.

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Table with columns: VLY, Voula, Athens, 2.48 232 ePb, Pn, 01 01 14.9 -1.8, etc.

BUL 17 01:11:27.6, 42.44N, 30.84W, h13km, mB5.3/10, mB5.0/13, Ms5.0/11, Ms7.4/7.10
ISCJBJ 17 01:11:29.2, 0.1, 42.48N, 0.03, 30.55W, 0.02, h10km, mb4.5/159, MS3.9/41, Error ellipse: s-maj=4.6km s-min=1.7km az=5.4

IDC 17 01:11:29.3, 0.7, 42.45N, 30.47W, h0km, mb4.2/25, mb1.4/3.25, mb1mx4.2/34, mbtmp4.2/25, MS3.8/23, Ms1.3/8/23, ms1mx3.8/29, Error ellipse: s-maj=19.1km s-min=12.1km az=179.0
CSEM 17 01:11:29.4, 0.1, 42.40N, 30.53W, h2km, mb4.6/94, Ms3.5, Mw4.8, Error ellipse: s-maj=4.7km s-min=2.8km az=11.0
NEIC 17 01:11:30.8, 0.2, 42.39N, 30.52W, h10km, mb4.6/108, ML4.3(SVSA), Error ellipse: s-maj=4.8km s-min=2.6km az=166.0

MOS 17 01:11:32.7, 0.8, 42.50N, 30.48W, h33km, mb4.8/79, Error ellipse: s-maj=8.2km s-min=3.7km az=150.1
IGIL 17 01:11:32.3, 42.23N, 30.43W, h10km, mb4.8
GCMT 17 01:11:34.0, 0.4, 42.45N, 30.56W, h23km, 1km, MW4.8, Moment Tensor Solution, s17, c20; s62, c89; Moment tensor: Scale 10^16Nm; Mr=0.56; L4; Mw=2.3; 11; Mw=1.87; 09; Mw=0.21; 14; Mw=0.35; 07; Mw=0.44; 15; Best double couple: Mo2.300000, 1016 NP1.301000000, 875.000000, -1.8.000000; NP2.3042.000000; 882.000000; -1.165.000000; Principal axes: T 2.4800, P165.0000; Azm175.0000; N -0.4800, P1673.0000; Azm70.0000; P -2.0200, P1616.0000; Azm266.0000; Data Used: II U G

SZGRF 17 01:11:40.1, 41.96N, 29.08W, h33km, mb4.7, MS3.7, Azores Islands region
ISC 17 01:11:32.0, 0.1, 5, 42.48N, 0.03, 30.51W, 0.02, h3km, gkm, h16km, 1.4km; pp-P, N790, c0881/798, mb4.5/159, MS3.9/41, 75C-11D, Azores Islands region

Main station list table for the right column with columns: Code, Station Name, Az, El, Pn, Res, Time, Res ISC. Lists numerous stations across various regions.

Main station list table for the right column with columns: Code, Station Name, Az, El, Pn, Res, Time, Res ISC. Lists numerous stations across various regions.

17d 1h

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Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, PVAQ, Vaqueiros, 4.34, 92, ePn, Pn, 01 40 25.3 -0.9, MVO, comp=N,3.9nm,0.5s, A, 01 41 56.1

ISC/JB 17 01:43:01.8,0.3,40.26N,0.02-28.03E,0.02,h4km,3km, Error ellipse: s-maj=2.9km s-min=2.5km az=150.8

CSEM 17 01:43:02.3,0.1,40.27N-28.02E,h8km,ML3.3, Error ellipse: s-maj=1.5km s-min=1.3km az=160.0

ISC 17 01:43:02.3,0.3,40.26N,0.02-28.02E,0.02,h5km,3km, n121,0857161,Turkey

Code Station Name Az AzZ Phase ID Time Res BNT Bandirma 0.13321 PG Pg 01 43 05.4 +0.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KRBG Karabiga-Canak, Balya, Balikesir, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MXZ Matakaoa Point, Puketiti, Urewera, etc.

ISCJB 17 02:30:31.3,0.3,35.72km,0.03:27.85E:0.03,h70km,7km, Error ellipse: s-maj=4.7km s-min=3.6km az=167.5

CSEM 17 02:30:32.9,0.1,35.73N:27.85E,h60km,MD3.6, Error ellipse: s-maj=4.2km s-min=3.9km az=178.0

DDA 17 02:30:33.2,36.02N:27.90E,h26km,2km,MD3.0

ATH 17 02:30:33.2,35.89N:27.70E,h49km,3km,MD3.6/12

ISK 17 02:30:33.6,35.93N:27.68E,h26km,MD3.3

NEIC 17 02:30:33.2,35.90N:27.70E,h49km,MD3.6(ATH), After ATH

HLW 17 02:30:40.7,35.13N:28.34E,h36km,51km,MD3.5,MI3.1

ISC 17 02:30:33.0,0.3,35.75N:0.03:27.85E:0.03,h53km,10km, n11.1, r124/151, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARG Arkhangelos, KARP Karpathos, DARA DARA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ITM Ithomi, ALN Alexandroupoli, AMAG Maghara, etc.

WEL 17 02:30:34.9,0.7,36.55S:-177.43E,h212km,5km,ML3.5/5, Error ellipse: s-maj=9.2km 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. Includes stations like URZ Urewera, MWZ Matawai, HNKL Nakhli, etc.

DDA 17 02:43:49.8,40.15N:26.92E,h7km,2km,MD2.9,MI3.1

ISCJB 17 02:43:49.4,0.3,40.16N:0.02:26.87E:0.03,h10km, Error ellipse: s-maj=3.2km s-min=3.1km az=18.9

CSEM 17 02:43:50.3,0.1,40.14N:26.89E,h2km,MD3.1, Error ellipse: s-maj=2.6km s-min=2.1km az=61.0

ISC 17 02:43:50.4,0.4,40.15N:0.02:26.90E:0.03,h2km,4km, n72.0, r65/89, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LPK Lapeseki, KRBG Karabiga-Canak, KRBG Karabiga-Canak, etc.

WEL 17 02:24:01.8,-0.4,36.30S:-177.40E,h171km,5km,ML3.5/6, Error ellipse: s-maj=5.5km s-min=4.9km az=0.0, Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Malnisio, Monte Prat, Buia, Bordoano, Casera Mimosias, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Pruhonice, MAN 17 06:34:35, MAN 17 06:40:42, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARG, ARG Arkhangelos, KARP Karpathos, etc.

Table with columns: SOC, Sochi, 0.69 2211, ePg, Pg, 07 29 06.0 +0.7, etc.

NIED 17 07:49:0.2, 28.28'20N, 129.90'E, h11km, Mw3.8 Best double couple: M=4.84000, 101.4 NP1=283.00000, 849.00000, lambda=117.00000, NP2=140.00000, 848.00000, lambda=63.00000

JMA 17 07:49:5.0, 2, 28.28'20N, 129.93'E, h24km, Mw3.7, Ryukyu Islands. Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res.

JMA 17 07:49:53.6, 0.4, 32.41'11N, 142.56'E, h0km, M3.8, Southeast of Honshu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. for JMA 17 07:49:53.6, 0.4, 32.41'11N, 142.56'E, h0km, M3.8.

IDC 17 07:50:24.7, 2.0, 7.88S, 127.97E, h0km, mb3.6/1, mb1.3/7.4, mb1mx3.5/17, mbtmp3.4/4, ML3.3, Error ellipse: s-maj=96.2km s-min=27.4km az=73.0, Banda Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. for IDC 17 07:50:24.7, 2.0, 7.88S, 127.97E, h0km, mb3.6/1.

IDC 17 07:55:16.6, 1.7, 8.31S, 124.75E, h0km, mb3.4/1, mb1.4/1.4, mb1mx3.7/18, mbtmp3.4/4, ML3.4, Error ellipse: s-maj=108.5km s-min=26.2km az=66.0

NEIC 17 07:55:26.8, 3.4, 8.92S, 124.26E, h93km, 37km, Error ellipse: s-maj=30.0km s-min=25.7km az=175.0

ISC 17 07:55:30.7, 2.4, 8.85S, 124.8E, h135km, 22km, n8, o16/10, Timor region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. for ISC 17 07:55:30.7, 2.4, 8.85S, 124.8E, h135km, 22km, n8.

ISCJB 17 08:11:25.4, 0.9, 39.49N, 0.03, 16.31E, 0.09, h101km, 7km, Error ellipse: s-maj=11.6km s-min=5.3km az=6.2

CSEM 17 08:11:25.0, 0.3, 39.43N, 16.10E, h100km, ML3.7/4, Error ellipse: s-maj=10.8km s-min=5.3km az=86.0

ROM 17 08:11:26.4, 0.3, 39.47N, 16.22E, h93km, 5km, Md2.6/19, Md2.6/17, Error ellipse: s-maj=4.3km s-min=2.5km az=105.0

ISC 17 08:11:25.7, 0.9, 39.49N, 0.03, 16.31E, 0.09, h101km, 8km, n42, o076/57, Southern Italy

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. for ISC 17 08:11:25.7, 0.9, 39.49N, 0.03, 16.31E, 0.09, h101km, 8km.

Table with columns: SIRI, Monte Sirino - 65nm, 0.3s, 0.77 334 Pg Pn, 08 11 44.3 +0.4

CRAC Craco 0.88 6 Pg Pn, 08 11 45.5 +0.5

MTSN Montesano sull 0.89 331 Pg Pn, 08 11 46.5 +1.5

MCEL Monticello 0.92 335 Pg Pn, 08 11 46.3 +0.9

BULG Bulgheria - Ca 0.93 310 Pg Pn, 08 11 45.5 0.0

JOPP Joppolo 0.94 201 Pg Pn, 08 11 45.5 -0.1

PLAC Placanca 1.04 175 Pg Pn, 08 11 47.4 +0.7

MIGL Miglionico 1.12 5 Pg Pn, 08 11 47.4 -0.1

CMPR Campora 1.14 317 Pg Pn, 08 11 47.8 +0.1

MPAZ Palizzi 1.55 189 Pg Pn, 08 11 53.3 +0.6

PEI Pezze di Greco 1.59 33 Pg Pn, 08 11 51.7 -1.1

CDT Castel del Mon 1.57 359 eP Pn, 08 11 51.9 -1.2

ISCJB 17 08:34:59.8, 0.4, 20.58S, 0.04, 68.78W, 0.05, h12km, mb3.9/14, Error ellipse: s-maj=7.0km s-min=5.3km az=172.8

GUC 17 08:35:01.3, 0.4, 20.53S, 69.03W, h117km, 8km, ML4.9, Error ellipse: s-maj=12.8km s-min=8.4km az=76.0

IDC 17 08:35:01.7, 0.6, 20.58S, 68.63W, h12km, 4km, mb3.8/8, mb1.4/1.1, mb1mx4.0/17, mbtmp3.9/11, MS3.3/1, Ms1.3/2/1, ms1mx2.4/17, Error ellipse: s-maj=17.9km s-min=13.4km az=81.0

NEIC 17 08:35:01.4, 0.4, 20.65S, 68.67W, mb4.3/10, Error ellipse: s-maj=12.8km s-min=8.4km az=76.0

ISC 17 08:35:01.6, 0.4, 20.56S, 0.04, 68.77W, 0.06, h14km, h14km, 1.4km, pP, n41, o1s40/44, mb3.9/14, 1C-3D, Chile-Bolivia border region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. for ISC 17 08:35:01.6, 0.4, 20.56S, 0.04, 68.77W, 0.06, h14km.

HMBC Humberston 1.09 285 Op Pn, 08 35 22.1 -1.9

PSGC Pisagua 1.59 307 Op Pn, 08 35 27.8 -1.9

MNMC Miae Miae 1.62 331 Op Pn, 08 35 29.4 -0.7

PB04 Plate Boundary 1.83 201 Op Pn, 08 35 35.9 +3.2

MECH Mejillones 2.98 211 Op Pn, 08 35 46.8 -0.6

CEN1 Los Morros 3.12 205 Op Pn, 08 35 49.7 +0.5

LPAZ La Paz 4.29 8 Op Pn, 08 36 07.1 +2.2

LPAZ La Paz 4.29 8 Op Pn, 08 36 07.1 +2.2

LCO Las Campanas 8.60 191 Op Pn, 08 36 59.9 -3.3

SIV San Ignacio 8.61 59 Op Pn, 08 37 00.9 -2.4

CFAA Coronel Fontan 11.01 178 Op Pn, 08 37 31.6 -4.2

CPAQ Villa Florida 11.97 121 Op Pn, 08 37 47.4 -1.0

Table with columns: SCHQ McKenzie Canyon 76.48 329 Op Pn, 08 46 58.9 -0.6

TORD Torodi Arr, Bea 76.92 70 P P, 08 46 41.2 -0.6

EGMT Eagleton 77.52 333 Op Pn, 08 46 44.6 +0.2

BMO Blue Mountains 78.70 327 Op Pn, 08 47 14.2 +0.7

FCC Fort Churchill 81.75 347 Op Pn, 08 47 07.2 +0.1

EDM Edmonton 82.97 335 Op Pn, 08 47 13.3 -0.2

YKA Yellowknife Arr 90.35 341 Op Pn, 08 47 49.6 +0.4

YKA Yellowknife Arr 90.35 341 Op Pn, 08 47 49.6 +0.4

ASAR Alice Springs 130.81 208 Op Pn, 08 54 00.4 +0.3

WRA Warrungarra Arr 130.83 211 Op Pn, 08 54 06.4 +0.5

BVAR Borovoye Array 134.94 34 Pn, 08 54 08.4 +1.5

ZALV Zalesovo Beam 141.05 25 Pn, 08 54 19.4 +1.3

MK31 Makanchi Array 144.79 35 Op Pn, 08 54 24.4 -0.5

MKAR Makanchi Array 144.79 35 Op Pn, 08 54 25.1 +0.1

SONM Songoing Array 152.51 7 Op Pn, 08 54 38.9 +1.6

SONM Songoing Array 152.51 7 Op Pn, 08 54 38.9 +1.6

CSEM 17 08:51:21.1, 1.39, 43N, 29.71W, h0km, ML3.6, After PDA PDA 17 08:51:21.1, 1.39, 43N, 29.71W, h0km, MD3.5, ML3.6, Error ellipse: s-maj=18.8km s-min=7.2km az=56.0, Azores Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. for CSEM 17 08:51:21.1, 1.39, 43N, 29.71W, h0km, ML3.6.

GUC 17 08:56:02.8, 0.6, 23.89S, 67.20W, h208km, 52km, ML4.4, 2C, Chile-Argentina border region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. for GUC 17 08:56:02.8, 0.6, 23.89S, 67.20W, h208km, 52km, ML4.4.

KRSC 17 09:00:52.2, 0.8, 55.72N, 159.75E, h280km, 29km, ML3.8, Kamchatka Peninsula

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. for KRSC 17 09:00:52.2, 0.8, 55.72N, 159.75E, h280km, 29km, ML3.8.

IDC 17 09:02:30.0, 5.4, 44.16N, 129.87W, h0km, mb3.1/2, mb1.3/5.4, mb1mx3.4/24, mbtmp3.1/4, ML3.4/2, MS3.3/1, Ms1.3/3/1, ms1mx2.8/7, Error ellipse: s-maj=87.6km s-min=30.3km az=60.0

NEIC 17 09:02:32.2, 1.9, 44.34N, 129.82W, h10km, mb3.8/4, Error ellipse: s-maj=23.8km s-min=11.5km az=80.0

ISC 17 09:02:32.1, 3.9, 44.36N, 129.82W, 0.2, h9km, 27km, n21, o088/21, mb3.5/2, Off coast of Oregon

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. for ISC 17 09:02:32.1, 3.9, 44.36N, 129.82W, 0.2, h9km, 27km.

HOOD Mount Hood Mea 5.90 78 Op Pn, 09 05 58.2 -1.5

17d 10h

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like Kennard Place, Mawson, Wamsutter, etc.

2008 JUL

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like CD2, CMAR, LZH, etc.

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Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KHC, WET, VOIR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SCZT, TWG, TANG, SSS, TSMI, SHOUSHAN, ELDTW, TWFI, YULI, TWFI, YULI, EYLB, HUNGYE, ESL, SHILIN, SSSLB, SMLT, TYC, NACB, TWQ1, TWQ1, NNS, NNTS, NSTT, YHNB, NSK, TATO, KRSR, MJAR, MJAR, SONM, MKAR, ZALV, WRA, WRA, ASAR.

BUIJ 17 16:24:28.9, 2.04N; 96:03E, h13km, mb4.9/8, mb4.7/18
DJA 17 16:24:29.2, 70N; 95.14E, h30km, mb4.8/7
IDC 17 16:24:32.0, 0.9, 2.50N; 95.79E, h0km, mb4.3/15
mb1.4, 3/17, mb1mx4.2/26, mbtmp4.3/17, ML4.1/2, MS3.8/5,
Ms1.3/9.5, ms1mx3.3/37, Error ellipse: s-maj=34.5km
s-min=13.2km az=47.0, LR

Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TPTI, TSI, PSI, PSI, KULM, KULM, KSI, MDSI, KLSI, KASI, KSMI, CMAR, CMAR, KMI, KMI, ODAM, RAMN, TAPN, TAPN, PKI, DMN, GUN, KKN, LSA, LSA, GKN, ENH, MBWA, XAN, XAN, XAN, LZH, LZH, LZH, LZH, FITZ, NJ2, NJ2, GTA, GTA, HHC, HHC, HHC, HHC, WRA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRAB, UCH, AML, AAK, AAK, EKS2, ASAR, KRSR, MK31, MKAR, SONM, ULN, KURK, HIA, ZALV, CTA, BVAR, BVAR, STKA, ABKAR, AKTK, AKTK, ARU, AKAS, ARCES, URZ, NOA, NOA, NOA, NOA.

SZGRF 17 16:24:23.7, 21.40S; 179.14W, h33km, Fiji Islands region
ISCBJ 17 16:25:13.9, 1.5, 21.3S; 0.2-178.7W; 0.2, h459km, 20km,
mb3.7, Error ellipse: s-maj=30.0km s-min=12.9km
az=137

Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AFI, AFI, URZ, URZ, CTA, ASAR, WRA, PETK, NVAR, TXAR, PDAR, BVAR, ARCES, FINES, AKASG, BSEG, BRTR, MMAI, CLL, CLL, BRG, BRG, MOX, TANN, PLN, WERD, GUNZ, GRF, GRC, WLF.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DMN, PKI, AAK, AAK, AAK, AAK, JIRN, EKS2, RAMN, TAPN, LSA, LSA, KBL, MK31, MK31, MKAR, MKAR, MKAR, KKA1, GTA, GTA, KURK, LZH, LZH, LZH, LZH, ZALV, VOSK, BVAR, BRVK, ZRKN, ABK1, ABK1, SONM, SONM, ULN, ULN, CMAR, ENH, HHC, HHC, HHC, ARU, BRTR, AKASG, FINES, ARCES, BRG, NOA, CDF, HNF, HAU, GIVF, GIVF, LGP, LGP, LPL, LPL, CABF, CABF, MEZF, MBR, SMF, SMF, SSF, SSF, AVF, AVF, TCF, CDF, LDF, LDF, GRR, GRR, INK, WRA, WRAB, DARW, DARW, ASAR, YKA, STKA, LPAZ.

IDC 17 16:40:0.0, 0.4, 31.66N; 104.29E, h0km, mb4.6/29,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Chengdu, Lanzhou, Xi'an, Guiyang, Kunming, Wuhan, Baotou, Hu-ho-hao-te, Lhasa, Tai'an, Guanzhou, Shilong, Nanjing, Baijiatu.

Table with columns: BJI, Beijing, 12.81 46, P, Pn, 16 43 44.6 +0.3. Includes stations like Beijing, Qiongzong, Chiang Mai, Chiang Mai Arr, Quanzhou, Taping, Bhumibol Dam, Odara, Dalian, Ramite, SONG, Ulanbaatar, Yeheng, Pulchoki, Phulchoki, Kakani, Damani, Gorkha, Urumqi, Bokaro, Shenyang, Mondy, Korea Array, Korea Array, Irkutsk, Changchun, Hailar, Chita.

Table with columns: DDI, Dehra Dun, 22.45 273, ex, P, 16 45 45.0 +4.0. Includes stations like Dehra Dun, Makanchi Array, Makanchi Array, Bishrakh, Vishakhapatnam, New Delhi, Kurukshetra, Bhakra, Mudanjiang, Kashi, Oriole, Ulahol, Nagpur, Bhopal, Kyzart, Krasnoyarsk, Karagaybulak, Uchtor, Uchtor, Bishkek, Ala-Archa, Ala-Archa, Osh, Zalesovo Beam, Zalesovo Beam, Ajmer, Almayashu, Almayashu, Kulim, Erkin-Say, Akola, Kurchatov, Kurchatov, Kurchatov, Kuf'dur, Hyderabad, Novosibirsk, Matushiro, Matushiro, Matushiro, Matushiro, Khabarovsk, Prapat, Prapat, Jaisalmer.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Mary's Peak, Kings Mountain, Sweet Springs, etc.

Table with columns: ANMO, Albuquerque, 2001 110, etc. Includes stations like Yellowknife Ar, Barren Site, Filin Flon, etc.

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

ISC 17 18:21:38.90.4, 44.34N, 100.04:129.49W, 0.05, h10km, m140, 0.18/138, mb4.4, 35.77, Off coast of Oregon

NEIC 17 18:26:06.6, 31.89S, 72.15W, h34km, ML3.6(GUC), After GUC

GUC 17 18:26:06.6, 0.7, 31.89S, 72.15W, h34km, 3M3, 0.03, ML3.6-1D, Off coast of central Chile

IDC 17 18:28:58.3, 2.0, 1.19N, 125.40E, h0km, mb3.2/3, m1 3.5/3, mb1mx3.2/2, mbtm3.3/3, Error ellipse: s-maj=191.9km s-min=26.3km az=64.0, Northern Molucca Sea

ISC 17 18:36:06.8, 37.03N, 29.28E, h17km, MD2.8, ISCJB 17 18:36:07.0, 6.1, 37.02N, 0.04:29.24E, 0.04, h6km, 6km, Error ellipse: s-maj=6.5km s-min=4.6km az=26.9

CSEM 17 18:36:07.4, 0.3, 37.01N, 29.26E, h12km, MD2.8, Error ellipse: s-maj=6.9km s-min=4.9km az=19.0

DDA 17 18:36:08.4, 37.07N, 29.18E, h7km, 6km, MD3.0, ISC 17 18:36:08.0, 0.5, 37.03N, 0.04:29.26E, 0.04, h14km, 5km, n22, i=1909.37, Turkey

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

IDC 17 18:57:06.1, 0.8, 22.16N, 121.86E, h0km, mb3.8/12, m1 3.9/13, mb1mx3.8/25, mbtm3.8/13, ML2.9/1, MS3.4/7, Ms1 3.4/7, ms1mx3.0/36, Error ellipse: s-maj=31.0km s-min=16.7km az=69.0, ISCJB 17 18:57:09.4, 0.4, 22.09N, 0.02:121.59E, 0.02, h27km, 3km,

mb3.8/14, MS3.3/6, Error ellipse: s-maj=4.0km s-min=3.5km az=154.6 NEIC 17 18:57:09.2, 4.2, 22.13N, 121.81E, h20km, 26km, mb4.1/1, Error ellipse: s-maj=13.8km s-min=11.0km az=70.0 TAP 17 18:57:11.1, 22.19N, 121.48E, h20km, ML4.2, B JMA 17 18:57:11.9, 0.4, 22.24N, 121.71E, h25km, M3.9 ISC 17 18:57:10.1, 0.4, 22.10N, 0.02, 121.57E, 0.02, h21km, 3km, n90, c129/138, mb3.8/14, MS3.3/6, 4C, Taiwan region

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

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

ISC/JB 17 19:04:59.6, 0.5, 35.74N, 0.05, 139.25E, 0.07, h154km, 3km, mb3.5/6, Error ellipse: s-maj=10.2km s-min=6.5km az=143.8 NIED 17 19:05:00, 35.70N, 139.30E, h200km, Mw3.6 Best double couple: M3.04000x1014 NP1%:3.00000, 0.86, 0.0000, 1.96, 0.0000. NP2%:153.0000, 37.00000, 1.33, 0.0000. IDC 17 19:05:00.0, 1.2, 35.75N, 139.36E, h146km, 6km, mb3.1/5, mb1.3/3.8, mb1mx3.1/27, mbtmp3.2/8, Error ellipse: s-maj=33.7km s-min=7.3km az=67.0 JMA 17 19:05:01.7, 0.1, 35.72N, 139.25E, h144km, 1km, M3.5 JMA Felt J1. NEIC 17 19:05:01.6, 1.9, 35.51N, 138.73E, h143km, 30km, mb3.9/1, Error ellipse: s-maj=193.4km s-min=14.4km az=63.0 ISC 17 19:05:00.8, 0.5, 35.75N, 0.05, 139.26E, 0.07, h150km, 3km, n22, c061/33, mb3.5/6, Near south coast of eastern

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

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

ISC/JB 17 19:19:43.5, 0.3, 10.60S, 0.04, 161.52E, 0.06, h90km, mb4.5/38, Error ellipse: s-maj=7.8km s-min=6.2km az=168.8 IDC 17 19:19:44.3, 0.7, 10.58S, 161.61E, h90km, 5km, mb4.2/18, mb1.4/4.19, mb1mx4.3/21, mbtmp4.2/19, MS3.5/7, Ms1.3/5.7, ms1mx3.4/18, Error ellipse: s-maj=13.3km s-min=9.1km az=40.0 NEIC 17 19:19:44.6, 0.3, 10.55S, 161.54E, mb4.9/20, Error ellipse: s-maj=0.3km s-min=0.6km az=137.0 ISC 17 19:19:45.3, 0.3, 10.58S, 0.04, 161.54E, 0.05, h92km, h92km, 2.0km, p-P, n61, c089/60, mb4.5/38, 1C, Bougainville - Solomon Islands region

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

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like ELAN Lanestosa, CFUE Fuerteventura, and ETSF Etsaut.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like ETSF Poblet, EPOB Poblet, and EBAJ Bajamar.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like RJF Les Rejaudoux, CAF Calviac, and WRA Warramunga.

Table with columns: Code, Station Name, Az, El, Time, Res. Includes stations like Pinedale Array, Los Chongos, etc.

IDC 17 20:46:20.3e.1.3, 32.03S:72.28W, h0km, mb3.3/1, mb1 3.6/6, mb1mx3.6/17, mbtmp3.4/6, ML3.6/3, MS3.3/1, Ms1 3.3/1, ms1mx2.7/10, Error ellipse: s-maj=32.1km s-min=19.0km az=3.0

ISCJB 17 20:46:21.1, 32.11S:0.03:72.31W:0.07, h25km, 8km, Error ellipse: s-maj=9.6km s-min=5.2km az=171.4

GUC 17 20:46:22.6e.0.8, 32.13S:72.17W, h36km, 3km, MD4.0, ML4.1

NEIC 17 20:46:22.6, 32.13S:72.17W, h36km, ML4.1(GUC), After GUC.

ISC 17 20:46:22.1, 6.32:12S:0.03:72.24W:0.07, h18km, 12km, n38, c079/52, 7C-3D, Off coast of central Chile

Table with columns: Code, Station Name, Az, El, Time, Res. Includes stations like Los Chongos, Instituto Hidir, etc.

comp=N, 0.6m, 0.7s

comp=N, 0.6m, 0.7s

comp=N, 0.6m, 0.7s

comp=N, 0.6m, 0.7s

comp=N, 0.6m, 0.7s

comp=N, 0.6m, 0.7s

comp=N, 0.6m, 0.7s

comp=N, 0.6m, 0.7s

comp=N, 0.6m, 0.7s

comp=N, 0.6m, 0.7s

comp=N, 0.6m, 0.7s

comp=N, 0.6m, 0.7s

comp=N, 0.6m, 0.7s

comp=N, 0.6m, 0.7s

comp=N, 0.6m, 0.7s

comp=N, 0.6m, 0.7s

comp=N, 0.6m, 0.7s

comp=N, 0.6m, 0.7s

comp=N, 0.6m, 0.7s

comp=N, 0.6m, 0.7s

comp=N, 0.6m, 0.7s

comp=N, 0.6m, 0.7s

Table with columns: Code, Station Name, Az, El, Time, Res. Includes stations like TXAR, Lajitas Array, etc.

ISCJB 17 21:17:51.3, 0.3, 0.25N:0.04:96.67E:0.04, h29km, mb4.1/20, Error ellipse: s-maj=6.1km s-min=4.8km az=23.2

NEIC 17 21:17:52.1, 2.3, 0.21N:96.60E, h22km, 16km, mb4.3/3, Error ellipse: s-maj=8.3km s-min=4.5km az=51.0

IDC 17 21:17:53.4, 0.8, 0.20N:96.57E, h29km, 4km, mb3.8/13, mb1 3.8/15, mb1mx3.7/24, mbtmp3.7/15, ML3.7/2, MS3.3/1, Ms1 3.3/1, ms1mx2.8/21, Error ellipse: s-maj=25.5km s-min=13.0km az=53.0

DJA 17 21:17:57.0, 1.1N:96.91E, h40km, MLv4.6/3

ISC 17 21:17:53.5, 0.3, 0.24N:0.04:96.68E:0.04, h31km, h31km, 4km, pp-P, n58, c0973/60, mb4.1/20, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, El, Time, Res. Includes stations like Saiji, Mandailing Nat, etc.

comp=Z, 423nm, 18.9s, baz=222, slow=31

comp=Z, 423nm, 18.9s, baz=222, slow=31

comp=Z, 423nm, 18.9s, baz=222, slow=31

comp=Z, 423nm, 18.9s, baz=222, slow=31

comp=Z, 423nm, 18.9s, baz=222, slow=31

comp=Z, 423nm, 18.9s, baz=222, slow=31

comp=Z, 423nm, 18.9s, baz=222, slow=31

comp=Z, 423nm, 18.9s, baz=222, slow=31

comp=Z, 423nm, 18.9s, baz=222, slow=31

comp=Z, 423nm, 18.9s, baz=222, slow=31

comp=Z, 423nm, 18.9s, baz=222, slow=31

comp=Z, 423nm, 18.9s, baz=222, slow=31

comp=Z, 423nm, 18.9s, baz=222, slow=31

comp=Z, 423nm, 18.9s, baz=222, slow=31

comp=Z, 423nm, 18.9s, baz=222, slow=31

comp=Z, 423nm, 18.9s, baz=222, slow=31

comp=Z, 423nm, 18.9s, baz=222, slow=31

comp=Z, 423nm, 18.9s, baz=222, slow=31

comp=Z, 423nm, 18.9s, baz=222, slow=31

comp=Z, 423nm, 18.9s, baz=222, slow=31

comp=Z, 423nm, 18.9s, baz=222, slow=31

comp=Z, 423nm, 18.9s, baz=222, slow=31

Table with columns: Code, Station Name, Az, El, Time, Res. Includes stations like ELL, Elmali, etc.

ISCJB 17 21:56:02.3e.1.4, 18.81N:0.07:145.4E:0.1, h226km, 14km, mb3.8/12, Error ellipse: s-maj=17.7km s-min=11.3km az=177.9

IDC 17 21:56:04.9, 3.2, 18.76N:145.41E, h236km, 31km, mb3.4/10, mb3.1/7.11, mb1mx3.4/24, mbtmp3.5/11, Error ellipse: s-maj=28.6km s-min=15.4km az=89.0

NEIC 17 21:56:04.6, 1.1, 18.81N:145.38E, h234km, 10km, mb4.0/2, Error ellipse: s-maj=10.3km s-min=6.7km az=88.0

ISC 17 21:56:03.6e.1.4, 18.80N:0.07:145.4E:0.1, h224km, 14km, n29, c082/29, mb3.8/12, Mariana Islands

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

comp=N, 0.3s, baz=332, slow=18, SNR=4.8

comp=N, 0.3s, baz=332, slow=18, SNR=4.8

comp=N, 0.3s, baz=332, slow=18, SNR=4.8

comp=N, 0.3s, baz=332, slow=18, SNR=4.8

comp=N, 0.3s, baz=332, slow=18, SNR=4.8

comp=N, 0.3s, baz=332, slow=18, SNR=4.8

comp=N, 0.3s, baz=332, slow=18, SNR=4.8

comp=N, 0.3s, baz=332, slow=18, SNR=4.8

comp=N, 0.3s, baz=332, slow=18, SNR=4.8

comp=N, 0.3s, baz=332, slow=18, SNR=4.8

comp=N, 0.3s, baz=332, slow=18, SNR=4.8

comp=N, 0.3s, baz=332, slow=18, SNR=4.8

comp=N, 0.3s, baz=332, slow=18, SNR=4.8

comp=N, 0.3s, baz=332, slow=18, SNR=4.8

comp=N, 0.3s, baz=332, slow=18, SNR=4.8

comp=N, 0.3s, baz=332, slow=18, SNR=4.8

comp=N, 0.3s, baz=332, slow=18, SNR=4.8

comp=N, 0.3s, baz=332, slow=18, SNR=4.8

comp=N, 0.3s, baz=332, slow=18, SNR=4.8

comp=N, 0.3s, baz=332, slow=18, SNR=4.8

comp=N, 0.3s, baz=332, slow=18, SNR=4.8

comp=N, 0.3s, baz=332, slow=18, SNR=4.8

comp=N, 0.3s, baz=332, slow=18, SNR=4.8

comp=N, 0.3s, baz=332, slow=18, SNR=4.8

comp=N, 0.3s, baz=332, slow=18, SNR=4.8

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, ISC. Rows include ARCES ARCESS Array B, FINES FINES Array B, BRTR Keskin Array B, etc.

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, ISC. Rows include CHMT Chamberlain Mt, MCMT McKenzie Canyon, HRY Holter Researc, etc.

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, ISC. Rows include DUG Dugway, RRII Red Ridge, YCMI Drake Creek, etc.

ISCJB 17 22:26:05.0, 8.0, 4.2, 129.49N, 0.03: 120.88E, 0.04, h46km, 4km, mb4.0/17, MS3.5/2, Error ellipse: s-maj=6.0km

BUI 17 22:36:15.7, 44.40N, 129.40W, h10km, mB5.2/22, mB5.0/30, MS5.4/25, MS7.5/0/23

ARUT Antelope Range, 13.69 113 ePn Pn 22 39 34.1 +1.3

MAN 17 22:26:06.12, 42N, 120.94E, h32km, mb4.7, ML3.6, MS3.5, NEIC 17 22:26:07.1, 0.6, 12.53N, 120.92E, h40km, 6km, mb4.3/6, Error ellipse: s-maj=10.9km

MOS 17 22:36:16.9, 0.9, 44.35N, 129.32W, h10km, mB5.3/66, MS5.0/27, Error ellipse: s-maj=5.4km

EDM Edmonton, 13.75 44 ePn Pn 22 39 39.0 +0.3

ISC 17 22:26:06.9, 0.4, 12.49N, 0.03: 120.87E, 0.04, h37km, 5km, mB2.0, 0.891/54, mb4.0/17, MS3.5/2, IC-3D, Mindoro

IDC 17 22:36:16.0, 1.0, 7.44, 29N, 129.41W, h0km, mb4.4/22, mb1.4, 5.2/7, mb1mx4.5/3.1, mbmp4.4/27, ML3.9/5, MS4.9/4, MS1.4, 9/4, ms1mx4.3/3.2, Error ellipse: s-maj=2.4km

EGMT Eagleton, 14.06 68 ePn Pn 22 39 37.7 +0.1

ISC 17 22:26:06.9, 0.4, 12.49N, 0.03: 120.87E, 0.04, h37km, 5km, mB2.0, 0.891/54, mb4.0/17, MS3.5/2, IC-3D, Mindoro

ISJCJB 17 22:36:17.5, 0.2, 44.40N, 0.03: 129.25W, 0.03, h10km, mb4.9/156, MS5.0/82, Error ellipse: s-maj=4.2km

DLEB Dease Lake, 14.08 359 ePn Pn 22 39 44.5 +6.4

ISC 17 22:26:06.9, 0.4, 12.49N, 0.03: 120.87E, 0.04, h37km, 5km, mB2.0, 0.891/54, mb4.0/17, MS3.5/2, IC-3D, Mindoro

NEIC 17 22:36:18.0, 0.2, 44.37N, 129.36W, h10km, mB5.1/111, MS5.0/52, MW5.5, MW5.5, Error ellipse: s-maj=4.6km

DLEB Dease Lake, 14.08 359 ePn Pn 22 39 42.6 +4.5

ISC 17 22:26:06.9, 0.4, 12.49N, 0.03: 120.87E, 0.04, h37km, 5km, mB2.0, 0.891/54, mb4.0/17, MS3.5/2, IC-3D, Mindoro

GMCMT 17 22:36:18.3, 0.1, 44.12N, 129.47W, h12km, MW5.4, Moment Tensor Solution, s86, c151, s31, c32; Moment tensor: Scale 10^17Nm; M1=1.01e-03; M2=0.59e-03; M3=1.60e-03; M4=0.18e-06; M5=1.16e-02; M6=0.41e-06; Best double couple: M1=1.80000e-0107, N1=1.15e-00000; 888.00000; 1.174.00000; NP2=205.00000; 884.00000; 1.2.00000; Principal axes: T. 1.62000, Plg6.00000, Azm69.00000; N 0.67000, Plg84.00000, Azm277.00000; P -2.28000, Plg2.00000, Azm160.00000

MSU Marysville, 14.15 109 eP Pn 22 39 40.8 +1.6

ISC 17 22:26:06.9, 0.4, 12.49N, 0.03: 120.87E, 0.04, h37km, 5km, mB2.0, 0.891/54, mb4.0/17, MS3.5/2, IC-3D, Mindoro

SZGRF 17 22:36:22.2, 44.94N, 130.19W, h33km, mB5.0, Off coast of Oregon, United States

MSU Marysville, 14.15 109 eP Pn 22 39 40.8 +1.6

ISC 17 22:26:06.9, 0.4, 12.49N, 0.03: 120.87E, 0.04, h37km, 5km, mB2.0, 0.891/54, mb4.0/17, MS3.5/2, IC-3D, Mindoro

ISC 17 22:36:18.8, 0.2, 44.38N, 0.03: 129.37W, 0.03, h10km, (h14km, 1.0km, p-P), off coast of Oregon

MSU Marysville, 14.15 109 eP Pn 22 39 40.8 +1.6

ISC 17 22:26:06.9, 0.4, 12.49N, 0.03: 120.87E, 0.04, h37km, 5km, mB2.0, 0.891/54, mb4.0/17, MS3.5/2, IC-3D, Mindoro

KEBM Edson Butte, 3.95 111 ePn Pn 22 37 15.3 -4.2

MSU Marysville, 14.15 109 eP Pn 22 39 40.8 +1.6

ISC 17 22:26:06.9, 0.4, 12.49N, 0.03: 120.87E, 0.04, h37km, 5km, mB2.0, 0.891/54, mb4.0/17, MS3.5/2, IC-3D, Mindoro

RNO Roman Nose, 4.08 95 P Pn 22 37 18.2 -2.9

MSU Marysville, 14.15 109 eP Pn 22 39 40.8 +1.6

ISC 17 22:26:06.9, 0.4, 12.49N, 0.03: 120.87E, 0.04, h37km, 5km, mB2.0, 0.891/54, mb4.0/17, MS3.5/2, IC-3D, Mindoro

HBO Mount Hebo, 4.08 761 ePn Pn 22 37 18.2 -3.0

MSU Marysville, 14.15 109 eP Pn 22 39 40.8 +1.6

ISC 17 22:26:06.9, 0.4, 12.49N, 0.03: 120.87E, 0.04, h37km, 5km, mB2.0, 0.891/54, mb4.0/17, MS3.5/2, IC-3D, Mindoro

HBO Mount Hebo, 4.08 761 ePn Pn 22 37 18.2 -3.0

MSU Marysville, 14.15 109 eP Pn 22 39 40.8 +1.6

ISC 17 22:26:06.9, 0.4, 12.49N, 0.03: 120.87E, 0.04, h37km, 5km, mB2.0, 0.891/54, mb4.0/17, MS3.5/2, IC-3D, Mindoro

HBO Mount Hebo, 4.08 761 ePn Pn 22 37 18.2 -3.0

MSU Marysville, 14.15 109 eP Pn 22 39 40.8 +1.6

ISC 17 22:26:06.9, 0.4, 12.49N, 0.03: 120.87E, 0.04, h37km, 5km, mB2.0, 0.891/54, mb4.0/17, MS3.5/2, IC-3D, Mindoro

HBO Mount Hebo, 4.08 761 ePn Pn 22 37 18.2 -3.0

MSU Marysville, 14.15 109 eP Pn 22 39 40.8 +1.6

ISC 17 22:26:06.9, 0.4, 12.49N, 0.03: 120.87E, 0.04, h37km, 5km, mB2.0, 0.891/54, mb4.0/17, MS3.5/2, IC-3D, Mindoro

HBO Mount Hebo, 4.08 761 ePn Pn 22 37 18.2 -3.0

MSU Marysville, 14.15 109 eP Pn 22 39 40.8 +1.6

ISC 17 22:26:06.9, 0.4, 12.49N, 0.03: 120.87E, 0.04, h37km, 5km, mB2.0, 0.891/54, mb4.0/17, MS3.5/2, IC-3D, Mindoro

HBO Mount Hebo, 4.08 761 ePn Pn 22 37 18.2 -3.0

MSU Marysville, 14.15 109 eP Pn 22 39 40.8 +1.6

ISC 17 22:26:06.9, 0.4, 12.49N, 0.03: 120.87E, 0.04, h37km, 5km, mB2.0, 0.891/54, mb4.0/17, MS3.5/2, IC-3D, Mindoro

HBO Mount Hebo, 4.08 761 ePn Pn 22 37 18.2 -3.0

MSU Marysville, 14.15 109 eP Pn 22 39 40.8 +1.6

ISC 17 22:26:06.9, 0.4, 12.49N, 0.03: 120.87E, 0.04, h37km, 5km, mB2.0, 0.891/54, mb4.0/17, MS3.5/2, IC-3D, Mindoro

HBO Mount Hebo, 4.08 761 ePn Pn 22 37 18.2 -3.0

MSU Marysville, 14.15 109 eP Pn 22 39 40.8 +1.6

ISC 17 22:26:06.9, 0.4, 12.49N, 0.03: 120.87E, 0.04, h37km, 5km, mB2.0, 0.891/54, mb4.0/17, MS3.5/2, IC-3D, Mindoro

HBO Mount Hebo, 4.08 761 ePn Pn 22 37 18.2 -3.0

MSU Marysville, 14.15 109 eP Pn 22 39 40.8 +1.6

ISC 17 22:26:06.9, 0.4, 12.49N, 0.03: 120.87E, 0.04, h37km, 5km, mB2.0, 0.891/54, mb4.0/17, MS3.5/2, IC-3D, Mindoro

HBO Mount Hebo, 4.08 761 ePn Pn 22 37 18.2 -3.0

MSU Marysville, 14.15 109 eP Pn 22 39 40.8 +1.6

ISC 17 22:26:06.9, 0.4, 12.49N, 0.03: 120.87E, 0.04, h37km, 5km, mB2.0, 0.891/54, mb4.0/17, MS3.5/2, IC-3D, Mindoro

HBO Mount Hebo, 4.08 761 ePn Pn 22 37 18.2 -3.0

MSU Marysville, 14.15 109 eP Pn 22 39 40.8 +1.6

ISC 17 22:26:06.9, 0.4, 12.49N, 0.03: 120.87E, 0.04, h37km, 5km, mB2.0, 0.891/54, mb4.0/17, MS3.5/2, IC-3D, Mindoro

HBO Mount Hebo, 4.08 761 ePn Pn 22 37 18.2 -3.0

MSU Marysville, 14.15 109 eP Pn 22 39 40.8 +1.6

ISC 17 22:26:06.9, 0.4, 12.49N, 0.03: 120.87E, 0.04, h37km, 5km, mB2.0, 0.891/54, mb4.0/17, MS3.5/2, IC-3D, Mindoro

HBO Mount Hebo, 4.08 761 ePn Pn 22 37 18.2 -3.0

MSU Marysville, 14.15 109 eP Pn 22 39 40.8 +1.6

ISC 17 22:26:06.9, 0.4, 12.49N, 0.03: 120.87E, 0.04, h37km, 5km, mB2.0, 0.891/54, mb4.0/17, MS3.5/2, IC-3D, Mindoro

HBO Mount Hebo, 4.08 761 ePn Pn 22 37 18.2 -3.0

MSU Marysville, 14.15 109 eP Pn 22 39 40.8 +1.6

ISC 17 22:26:06.9, 0.4, 12.49N, 0.03: 120.87E, 0.04, h37km, 5km, mB2.0, 0.891/54, mb4.0/17, MS3.5/2, IC-3D, Mindoro

HBO Mount Hebo, 4.08 761 ePn Pn 22 37 18.2 -3.0

MSU Marysville, 14.15 109 eP Pn 22 39 40.8 +1.6

ISC 17 22:26:06.9, 0.4, 12.49N, 0.03: 120.87E, 0.04, h37km, 5km, mB2.0, 0.891/54, mb4.0/17, MS3.5/2, IC-3D, Mindoro

HBO Mount Hebo, 4.08 761 ePn Pn 22 37 18.2 -3.0

MSU Marysville, 14.15 109 eP Pn 22 39 40.8 +1.6

ISC 17 22:26:06.9, 0.4, 12.49N, 0.03: 120.87E, 0.04, h37km, 5km, mB2.0, 0.891/54, mb4.0/17, MS3.5/2, IC-3D, Mindoro

HBO Mount Hebo, 4.08 761 ePn Pn 22 37 18.2 -3.0

MSU Marysville, 14.15 109 eP Pn 22 39 40.8 +1.6

ISC 17 22:26:06.9, 0.4, 12.49N, 0.03: 120.87E, 0.04, h37km, 5km, mB2.0, 0.891/54, mb4.0/17, MS3.5/2, IC-3D, Mindoro

HBO Mount Hebo, 4.08 761 ePn Pn 22 37 18.2 -3.0

MSU Marysville, 14.15 109 eP Pn 22 39 40.8 +1.6

ISC 17 22:26:06.9, 0.4, 12.49N, 0.03: 120.87E, 0.04, h37km, 5km, mB2.0, 0.891/54, mb4.0/17, MS3.5/2, IC-3D, Mindoro

HBO Mount Hebo, 4.08 761 ePn Pn 22 37 18.2 -3.0

MSU Marysville, 14.15 109 eP Pn 22 39 40.8 +1.6

ISC 17 22:26:06.9, 0.4, 12.49N, 0.03: 120.87E, 0.04, h37km, 5km, mB2.0, 0.891/54, mb4.0/17, MS3.5/2, IC-3D, Mindoro

HBO Mount Hebo, 4.08 761 ePn Pn 22 37 18.2 -3.0

MSU Marysville, 14.15 109 eP Pn 22 39 40.8 +1.6

ISC 17 22:26:06.9, 0.4, 12.49N, 0.03: 120.87E, 0.04, h37km, 5km, mB2.0, 0.891/54, mb4.0/17, MS3.5/2, IC-3D, Mindoro

HBO Mount Hebo, 4.08 761 ePn Pn 22 37 18.2 -3.0

MSU Marysville, 14.15 109 eP Pn 22 39 40.8 +1.6

ISC 17 22:26:06.9, 0.4, 12.49N, 0.03: 120.87E, 0.04, h37km, 5km, mB2.0, 0.891/54, mb4.0/17, MS3.5/2, IC-3D, Mindoro

HBO Mount Hebo, 4.08 761 ePn Pn 22 37 18.2 -3.0

MSU Marysville, 14.15 109 eP Pn 22 39 40.8 +1.6

| | | | | | | | |
|------|---|-------|-----|----|---|------------|------|
| ULM | Lac du Bonnet | 23.32 | 64 | P | P | 22 41 25.7 | -1.2 |
| ULM | comp=Z,34nm,0.9s,mb4.8,baz=274,slow=9.0,SNR=22 | | | | | | |
| ULM | Lac du Bonnet | 23.32 | 64 | eP | P | 22 40 40.6 | |
| ULM | comp=Z,33nm,2.1s | | | | | | |
| ULM | Lac du Bonnet | 23.32 | 64 | eP | P | 22 41 25.9 | -1.0 |
| ULM | comp=Z,308nm,2.1s,mb5.4 | | | | | | |
| AGMN | Agassiz Nation | 23.35 | 68 | eP | P | 22 41 26.2 | -1.0 |
| ECSD | EROS Data Cent | 23.47 | 80 | eP | P | 22 41 26.7 | -1.8 |
| INUK | Inuvik | 24.09 | 356 | P | P | 22 41 35.4 | +1.4 |
| INUK | comp=Z,6.6nm,1.0s,mb4.0,baz=182,slow=11,SNR=8.4 | | | | | | |
| INUK | Inuvik | 24.09 | 356 | eP | P | 22 41 38.8 | +4.8 |
| INUK | comp=Z,33nm,1.3s | | | | | | |
| INUK | Inuvik | 24.09 | 356 | eP | P | 22 41 38.8 | +4.7 |
| KSU1 | Kansas State U | 24.90 | 91 | eP | P | 22 41 41.6 | -0.1 |
| KSU1 | comp=Z,65nm,1.0s,mb5.1 | | | | | | |
| KSU1 | comp=Z,3um,35.6s,MS4.6 | | | | | | |
| TXAR | Lajitas Array | 25.32 | 118 | P | P | 22 41 44.9 | -0.8 |
| TXAR | comp=Z,4.4nm,1.0s,mb4.0,baz=309,slow=8.1,SNR=17 | | | | | | |
| WMOK | Wichita Mounta | 25.34 | 102 | eP | P | 22 41 45.2 | -0.6 |
| WMOK | comp=Z,110nm,1.1s,mb5.3 | | | | | | |
| WMOK | comp=Z,4um,19.0s,MS5.0 | | | | | | |
| WMOK | Wichita Mounta | 25.34 | 102 | eP | P | 22 41 45.2 | -0.6 |
| WMOK | comp=Z,110nm,1.1s,mb5.3 | | | | | | |
| COLD | Coldfoot | 25.46 | 341 | eP | P | 22 41 48.2 | +1.7 |
| COLD | comp=Z,5.9nm,1.6s,mb4.9 | | | | | | |
| UNV | Unalaska Valle | 25.82 | 305 | eP | P | 22 41 50.3 | +0.4 |
| UNV | comp=Z,98nm,1.2s,mb5.2 | | | | | | |
| FCC | Fort Churchill | 25.85 | 44 | eP | P | 22 41 50.8 | +0.7 |
| FCC | comp=Z,110nm,2.1s,mb4.0 | | | | | | |
| ECMN | Ely | 26.30 | 69 | eP | P | 22 41 54.0 | -0.3 |
| ECMN | comp=Z,95nm,1.5s,mb5.1 | | | | | | |
| JCT | Junction City | 27.10 | 111 | eP | P | 22 42 00.2 | -1.5 |
| JCT | comp=Z,66nm,1.4s,mb5.0 | | | | | | |
| JCT | Junction City | 27.10 | 111 | eP | P | 22 42 00.2 | -1.5 |
| JCT | comp=Z,66nm,1.4s,mb5.0 | | | | | | |
| JFWS | Jewell Farm | 28.17 | 79 | eP | P | 22 42 11.0 | -0.1 |
| JFWS | comp=Z,27nm,0.8s,mb4.9 | | | | | | |
| JFWS | Jewell Farm | 28.17 | 79 | eP | P | 22 42 11.0 | -0.1 |
| JFWS | comp=Z,27nm,0.8s,mb4.9 | | | | | | |
| COWI | Conover | 28.17 | 72 | eP | P | 22 42 10.0 | -1.2 |
| COWI | comp=Z,14nm,0.8s,mb4.6 | | | | | | |
| MIAR | Mount Ida | 29.13 | 97 | eP | P | 22 42 19.8 | +0.1 |
| MIAR | comp=Z,57nm,1.3s,mb5.1 | | | | | | |
| MIAR | comp=Z,8um,19.0s,MS5.3 | | | | | | |
| MIAR | Mount Ida | 29.13 | 97 | eP | P | 22 42 19.8 | 0.0 |
| MIAR | comp=Z,57nm,1.3s,mb5.1 | | | | | | |
| MIAR | comp=Z,8um,19.0s,MS5.3 | | | | | | |
| HDIL | Hopedale | 29.60 | 83 | eP | P | 22 42 24.0 | +0.1 |
| HDIL | comp=Z,254nm,1.8s,mb5.7 | | | | | | |
| FVM | French Village | 29.79 | 89 | eP | P | 22 42 24.3 | -1.3 |
| FVM | comp=Z,32nm,1.3s,mb4.9 | | | | | | |
| FVM | French Village | 29.79 | 89 | eP | P | 22 42 24.2 | -1.3 |
| FVM | comp=Z,32nm,1.3s,mb4.9 | | | | | | |
| NATX | Nacogdoches | 29.86 | 103 | P | P | 22 42 26.5 | +0.3 |
| NATX | comp=Z,32nm,1.3s,mb4.9 | | | | | | |
| HKT | Hockley | 30.12 | 107 | eP | P | 22 42 29.0 | +0.4 |
| HKT | comp=Z,98nm,1.5s,mb5.3 | | | | | | |
| HKT | Hockley | 30.12 | 107 | eP | P | 22 42 28.9 | +0.4 |
| HKT | comp=Z,98nm,1.5s,mb5.3 | | | | | | |
| ATKA | Atka Island | 30.42 | 301 | eP | P | 22 42 31.0 | 0.0 |
| ATKA | comp=Z,53nm,1.0s,mb4.9 | | | | | | |
| OLIL | Olney | 31.14 | 86 | eP | P | 22 42 37.0 | -0.5 |
| OLIL | comp=Z,86nm,1.1s,mb5.5 | | | | | | |
| BLO | Bloomington | 32.10 | 84 | eP | P | 22 42 45.8 | -0.1 |
| BLO | comp=Z,41nm,1.0s,mb5.2 | | | | | | |
| BLO | Bloomington | 32.10 | 84 | eP | P | 22 42 45.8 | -0.1 |
| BLO | comp=Z,40nm,1.0s,mb5.2 | | | | | | |
| OXF | Oxford | 32.11 | 94 | eP | P | 22 42 45.4 | -0.7 |
| OXF | comp=Z,267nm,1.2s,mb6.0 | | | | | | |
| OXF | Oxford | 32.11 | 94 | eP | P | 22 42 45.4 | -0.8 |
| OXF | comp=Z,267nm,1.2s,mb6.0 | | | | | | |
| OXF | Oxford | 32.11 | 94 | eP | P | 22 42 45.4 | -0.8 |
| OXF | comp=Z,267nm,1.2s,mb6.0 | | | | | | |
| WVT | Waverly | 32.47 | 90 | eP | P | 22 42 48.5 | -0.7 |
| WVT | comp=Z,163nm,2.4s,mb5.4 | | | | | | |
| WVT | Waverly | 32.47 | 90 | eP | P | 22 42 48.5 | -0.7 |
| WVT | comp=Z,163nm,2.4s,mb5.4 | | | | | | |
| WVT | Waverly | 32.47 | 90 | eP | P | 22 42 48.5 | -0.7 |
| WVT | comp=Z,163nm,2.4s,mb5.4 | | | | | | |
| VBMS | Vicksburg | 32.52 | 99 | eP | P | 22 42 49.5 | -0.2 |
| VBMS | comp=Z,6um,22.0s,MS5.2 | | | | | | |
| VBMS | Vicksburg | 32.52 | 99 | eP | P | 22 42 49.5 | -0.2 |
| VBMS | comp=Z,71nm,1.1s,mb5.5 | | | | | | |
| AAM | Ann Arbor | 32.98 | 77 | eP | P | 22 42 53.8 | +0.1 |
| AAM | comp=Z,4um,21.0s,MS5.1 | | | | | | |
| ACSO | Alum Creek Sta | 34.20 | 80 | eP | P | 22 43 04.1 | -0.2 |
| ACSO | comp=Z,65nm,1.3s,mb5.4 | | | | | | |
| ACSO | Alum Creek Sta | 34.20 | 80 | eP | P | 22 43 04.1 | -0.2 |
| ACSO | comp=Z,1um,21.0s,MS4.7 | | | | | | |
| SWET | Sewanee | 34.26 | 90 | eP | P | 22 43 04.4 | -0.5 |
| SWET | comp=Z,11nm,1.4s,mb5.2 | | | | | | |
| LRAL | Lakeview Retre | 34.59 | 94 | eP | P | 22 43 07.0 | -0.8 |
| LRAL | comp=Z,11nm,1.4s,mb5.2 | | | | | | |
| CPCT | Cooper Cave | 35.16 | 89 | eP | P | 22 43 12.3 | -0.3 |
| CPCT | comp=Z,39nm,1.1s,mb5.2 | | | | | | |
| ERPA | Erie | 35.60 | 76 | eP | P | 22 43 16.5 | +0.1 |
| ERPA | comp=Z,149nm,1.6s,mb5.7 | | | | | | |
| ALLY | Aleghen Colle | 35.66 | 77 | eP | P | 22 43 17.1 | +0.3 |
| ALLY | comp=Z,149nm,1.6s,mb5.7 | | | | | | |
| MCWV | Mont Chateau | 36.64 | 80 | eP | P | 22 43 25.4 | +0.1 |
| MCWV | comp=Z,94nm,1.5s,mb5.4 | | | | | | |
| GOGA | Godfrey | 36.93 | 91 | eP | P | 22 43 27.3 | -0.5 |
| GOGA | comp=Z,138nm,1.9s,mb5.5 | | | | | | |
| GOGA | Godfrey | 36.93 | 91 | eP | P | 22 43 27.3 | -0.5 |
| GOGA | comp=Z,138nm,1.9s,mb5.5 | | | | | | |
| ELN | Prospectdale | 37.03 | 84 | eP | P | 22 43 27.9 | -0.8 |
| ELN | comp=Z,138nm,1.9s,mb5.5 | | | | | | |
| BLA | Blacksburg | 37.28 | 84 | eP | P | 22 43 29.5 | -1.2 |
| BLA | comp=Z,39nm,1.0s,mb5.2 | | | | | | |
| BLA | Blacksburg | 37.28 | 84 | eP | P | 22 43 29.4 | -1.3 |
| BLA | comp=Z,39nm,1.0s,mb5.2 | | | | | | |
| JVCC | Virginia Weste | 37.53 | 83 | eP | P | 22 43 33.4 | +0.1 |
| JVCC | comp=Z,39nm,1.0s,mb5.2 | | | | | | |
| WBNC | Jenkinsville | 38.07 | 88 | eP | P | 22 43 36.8 | -0.7 |
| WBNC | comp=Z,39nm,1.0s,mb5.2 | | | | | | |
| BINY | Binghamton | 38.35 | 74 | eP | P | 22 43 41.2 | +1.5 |
| BINY | comp=Z,319nm,2.9s,mb5.5 | | | | | | |
| LONY | Lake Ozonia | 38.45 | 70 | eP | P | 22 43 40.0 | -0.5 |
| LONY | comp=Z,40nm,1.5s,mb5.2 | | | | | | |
| JSRW | J. Sargeant Re | 38.87 | 82 | eP | P | 22 43 44.2 | +0.1 |
| JSRW | comp=Z,39nm,1.1s,mb5.2 | | | | | | |
| NCB | Newcomb | 38.91 | 71 | eP | P | 22 43 41.5 | -2.9 |
| NCB | comp=Z,38nm,1.6s,mb4.4 | | | | | | |
| MVL | Millersville | 39.04 | 77 | eP | P | 22 43 44.7 | -0.2 |
| MVL | comp=Z,35nm,1.3s,mb4.9 | | | | | | |
| CBN | Corbin | 39.00 | 81 | eP | P | 22 43 45.0 | -0.2 |
| CBN | comp=Z,54nm,1.0s,mb5.2 | | | | | | |
| FRNY | Flat Rock | 39.04 | 69 | eP | P | 22 43 45.1 | -0.4 |
| FRNY | comp=Z,70nm,1.5s,mb5.2 | | | | | | |
| ACCN | Adirondack Com | 39.50 | 71 | eP | P | 22 43 50.1 | +0.8 |
| ACCN | comp=Z,19nm,1.1s,mb4.7 | | | | | | |
| MDV | Midlebury | 39.60 | 70 | eP | P | 22 43 48.5 | -1.7 |
| MDV | comp=Z,19nm,1.1s,mb4.7 | | | | | | |
| TRY | Troy | 39.74 | 72 | eP | P | 22 43 52.6 | +1.2 |
| TRY | comp=Z,19nm,1.1s,mb4.7 | | | | | | |
| CMIG | Matias Romero | 39.75 | 122 | P | P | 22 43 50.9 | -0.7 |
| CMIG | comp=Z,9.7nm,0.9s,mb4.5,baz=317,slow=8.1,SNR=11 | | | | | | |
| BILL | Bilbino | 40.31 | 328 | iP | P | 22 43 56.2 | +0.4 |
| BILL | comp=Z,22nm,1.2s,mb4.8 | | | | | | |
| BILL | Hanover | 40.31 | 70 | eP | P | 22 43 56.6 | +0.5 |
| BILL | comp=Z,22nm,1.2s,mb4.8 | | | | | | |
| LNBN | Lisbon | 40.36 | 69 | eP | P | 22 43 56.3 | -0.2 |
| LNBN | comp=Z,22nm,0.9s,mb4.9 | | | | | | |
| LNBN | Lisbon | 40.36 | 69 | eP | P | 22 43 56.3 | -0.2 |
| LNBN | comp=Z,22nm,0.9s,mb4.9 | | | | | | |
| SCHO | Schefferville | 40.55 | 52 | P | P | 22 43 57.2 | -0.7 |
| SCHO | comp=Z,10nm,1.1s,mb4.3,baz=297,slow=6.3,SNR=5.7 | | | | | | |
| SCHO | Schefferville | 40.55 | 52 | eP | P | 22 43 57.1 | -0.8 |
| SCHO | comp=Z,10nm,1.1s,mb4.3,baz=297,slow=6.3,SNR=5.7 | | | | | | |

| | | | | | | | |
|-------|--|-------|-----|----|---|------------|------|
| SCHO | comp=Z,6um,21.0s,MS5.5 | | | | | | |
| MIDW | Midway | 41.30 | 264 | P | P | 22 44 20.0 | +1.6 |
| MIDW | comp=Z,3um,20.0s,MS5.1 | | | | | | |
| DWPF | Disney | 41.32 | 97 | P | P | 22 44 20.0 | +1.5 |
| DWPF | comp=Z,3um,14.3s,MS5.2 | | | | | | |
| TEIG | Tepech | 41.66 | 112 | eP | P | 22 44 09.1 | +1.6 |
| TEIG | comp=Z,39nm,1.3s,mb4.9 | | | | | | |
| SFJD | Kangerlussuaq | 45.90 | 32 | eP | P | 23 01 59.4 | |
| SFJD | comp=Z,775nm,20.0s,MS4.6 | | | | | | |
| PET | Petropavlovsk | 46.41 | 308 | eP | P | 22 44 44.5 | -0.7 |
| PET | comp=Z,845nm,22.0s,MS4.7 | | | | | | |
| PET | Petropavlovsk | 46.41 | 308 | eP | P | 22 45 37.6 | |
| PET | comp=Z,845nm,22.0s,MS4.7 | | | | | | |
| SEY | Seymour | 46.64 | 322 | iP | P | 22 44 47.1 | +0.3 |
| TGUH | Tegucigalpa,Un | 46.80 | 117 | P | P | 22 45 00.0 | +1.1 |
| TGUH | comp=Z,889nm,20.0s,MS4.7 | | | | | | |
| PETK | Petropavlovsk | 46.93 | 308 | P | P | 22 44 48.8 | -0.4 |
| PETK | comp=Z,6.9nm,0.6s,mb4.6,baz=72,slow=14,SNR=6.8 | | | | | | |
| SUMG | Summit | 48.61 | 24 | eP | P | 22 45 03.2 | +1.2 |
| BBSR | BB Station | 50.88 | 80 | P | P | 22 45 30.0 | +1.0 |
| BBSR | comp=Z,2um,22.0s,MS5.0 | | | | | | |
| JTS | JuntasAbangare | 51.11 | 118 | eP | P | 22 45 21.9 | +0.1 |
| JTS | comp=Z,20nm,0.7s | | | | | | |
| JTS | JuntasAbangare | 51.11 | 118 | eP | P | 22 45 21.9 | +0.1 |
| JTS | comp=Z,783nm,19.0s | | | | | | |
| JTS | JuntasAbangare | 51.11 | 118 | eP | P | 22 45 21.9 | +0.1 |
| JTS | comp=Z,20nm,0.7s,mb5.1 | | | | | | |
| TIXI | Tiksi | 52.06 | 337 | eP | P | 22 45 29.0 | +0.8 |
| TIXI | comp=Z,783nm,19.0s,MS4.8 | | | | | | |
| TIXI | Tiksi | 52.06 | 337 | eP | P | 22 45 28.4 | +0.3 |
| TIXI | comp=Z,14nm,1.1s,mb4.8 | | | | | | |
| SDDR | Presa de Saban | 54.26 | 98 | P | P | 22 46 00.0 | +1.5 |
| SDDR | comp=Z,1um,20.0s,MS5.0 | | | | | | |
| YAK | Yakutsk | 56.60 | 326 | eP | P | 22 46 00.8 | -0.5 |
| YAK | comp=Z,22nm,1.0s,mb5.1 | | | | | | |
| YAK | Yakutsk | 56.60 | 326 | eP | P | 22 46 58.4 | |
| YAK | comp=Z,22nm,1.0s,mb5.1 | | | | | | |
| YAK | comp=Z,9.0nm,1.3s | | | | | | |
| YAK | comp=Z,3.0nm,1.1s | | | | | | |
| YAK</ | | | | | | | |

Table with columns for station name, frequency, power, and other technical details. Includes stations like CLL, ARU, MOX, MNSK, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like HINF, BFO, KSP, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like AKASG, AKKB, KIEV, etc.

Table with columns: CCUT, Cedar City, 14.67 113 ePn, Pn, 22 46 19.7 +0.2, etc. Includes stations like Daniels Canyon, Greycliff, Eagleton, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, H, m, s, ISC. Includes stations like BINGOL, ERZURUM, BINGOL, etc.

Table with columns: BWOR, Wild Horse, 8.09 100 ePn, Pn, 22 53 57 -1.1, etc. Includes stations like Blue Mountains, Columbia Coile, Newport, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like BFO Black Forest, BFO comp=Z,73nm,1.4s,mb5.4, BFO comp=Z,1.1um,19.0s,MS5.3, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like NJ2 PP, NJ2 S, NJ2 S, NJ2 S, NJ2 S, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like PCVE comp=Z,1.1um,18.0s, Vila Bisbo 82.69, PBAR Barrancos 82.74, MOA Molin 82.76, etc.

| | | | | | | | |
|------|---|-------|-----|-------|------|------------|------|
| SBF | Sospel | 84.10 | 30 | eP | P | 23 04 25.9 | -0.3 |
| SBF | comp=Z,84nm,1.6s,mb5.6 | | | | Pmax | | |
| SBF | Sospel | 84.10 | 30 | eP | P | 23 04 25.9 | -0.3 |
| PER8 | comp=Z,84nm,1.6s,mb5.6 | | | | eS | | |
| UZHZ | Pernice | 84.11 | 24 | eP | P | 23 04 25.7 | -0.5 |
| UZHZ | Uzhgorod | 84.11 | 18 | i/P | pP | 23 04 26.2 | 0.0 |
| UZHZ | i | | | | e | 23 04 30.6 | +1.1 |
| UZHZ | e | | | | S | 23 07 36.6 | |
| PSZ | Piszkesteto | 84.21 | 20 | i/P | P | 23 04 32.1 | +5.4 |
| PSZ | Piszkesteto | 84.21 | 20 | P | P | 23 04 27.4 | +0.7 |
| PSZ | comp=Z,182nm,1.4s,mb6.0 | | | | LR | | |
| PSZ | comp=Z,1um,19.0s,MS5.3 | | | | LR | | |
| PSZ | Piszkesteto | 84.21 | 20 | i/P | P | 23 04 32.1 | +5.4 |
| LMR | La Moure | 84.22 | 31 | eP | P | 23 04 26.5 | -0.4 |
| LMR | comp=Z,185nm,1.6s,mb5.7 | | | | | | |
| LMR | La Moure | 84.22 | 31 | eP | P | 23 04 26.5 | -0.4 |
| LMR | comp=Z,92nm,1.6s,mb5.9 | | | | Pmax | | |
| LMR | La Moure | 84.22 | 31 | eP | P | 23 04 26.5 | -0.4 |
| VSR | comp=Z,92nm,1.6s,mb5.9 | | | | P | | |
| VSR | Storozhevoje | 84.27 | 7 | eP | P | 23 04 26.0 | -1.0 |
| VSR | eS | | | | S | 23 14 49.0 | -2.7 |
| VSR | eSS | | | | SS | 23 20 28.8 | +8.9 |
| VSR | Pmax | | | | Pmax | | |
| VSR | comp=N,80nm,1.3s | | | | Pmax | | |
| VSR | comp=E,10.0nm,1.3s | | | | Pmax | | |
| VSR | comp=Z,120nm,1.3s,mb5.9 | | | | Pmax | | |
| VSR | comp=N,110nm,4.0s | | | | Pmax | | |
| VSR | comp=E,120nm,4.0s | | | | Pmax | | |
| VSR | comp=Z,190nm,4.0s | | | | smax | | |
| VSR | comp=N,320nm,5.6s | | | | smax | | |
| VSR | comp=E,300nm,5.6s | | | | smax | | |
| VSR | comp=Z,250nm,5.6s | | | | MLR | | |
| VSR | comp=N,510nm,19.0s,MS5.0 | | | | MLR | | |
| VSR | comp=E,260nm,19.0s,MS5.0 | | | | MLR | | |
| VSR | comp=Z,920nm,19.0s,MS5.2 | | | | MLR | | |
| EBAN | Banos Encina | 84.29 | 40 | P | P | 23 04 27.7 | +0.4 |
| EBAN | comp=Z,3.0nm,0.5s,mb4.7 | | | | Pmax | | |
| EBAN | Banos Encina | 84.29 | 40 | P | P | 23 04 27.7 | +0.4 |
| EBAN | comp=Z,2.8nm,0.5s,mb4.7 | | | | P | | |
| VOY | Vojsko | 84.30 | 25 | eP | P | 23 04 26.3 | -0.9 |
| VOY | e | | | | | 23 04 34.7 | |
| VOY | e | | | | | 23 04 51.8 | |
| ESPR | Espera | 84.35 | 42 | P | P | 23 04 28.1 | +0.4 |
| ESPR | comp=Z,203nm,2.0s,mb5.9 | | | | P | | |
| ECHE | Chera | 84.39 | 37 | P | P | 23 04 23.3 | -4.5 |
| ECHE | comp=Z,62nm,1.4s,mb5.5 | | | | Pmax | | |
| ECHE | Chera | 84.39 | 37 | P | P | 23 04 23.3 | -4.5 |
| ECHE | comp=Z,62nm,1.4s,mb5.5 | | | | P | | |
| BUD | Budapest | 84.39 | 21 | eP | P | 23 04 26.3 | +0.8 |
| LJU | Ljubljana | 84.47 | 24 | eP | P | 23 04 27.4 | -0.7 |
| EVIA | Vianos | 84.49 | 39 | P | P | 23 04 28.8 | +0.5 |
| EVIA | comp=Z,120nm,1.9s,mb5.7 | | | | Pmax | | |
| EVIA | Vianos | 84.49 | 39 | P | P | 23 04 28.8 | +0.5 |
| EVIA | comp=Z,120nm,1.9s,mb5.7 | | | | Pmax | | |
| SFS | San Fernando | 84.50 | 43 | PFAKE | LR | 23 04 40.0 | +1.2 |
| SFS | comp=Z,2um,20.0s,MS5.6 | | | | LR | | |
| TRI | Trieste | 84.55 | 25 | PFAKE | LR | 23 04 40.0 | +1.2 |
| VRHR | Novokhopersk | 84.59 | 6 | eP | P | 23 04 27.5 | -1.1 |
| VRHR | eS | | | | S | 23 14 53.7 | -1.6 |
| VRHR | Pmax | | | | Pmax | | |
| VRHR | comp=N,80nm,1.2s | | | | Pmax | | |
| VRHR | comp=E,30nm,1.2s | | | | Pmax | | |
| VRHR | comp=Z,90nm,1.2s,mb5.8 | | | | Pmax | | |
| VRHR | comp=N,30nm,4.8s | | | | smax | | |
| VRHR | comp=E,40nm,4.8s | | | | smax | | |
| VRHR | comp=Z,10.0nm,4.8s | | | | smax | | |
| PKDS | Podzum | 84.59 | 24 | eP | P | 23 04 27.9 | -0.8 |
| KOGS | Kog | 84.60 | 23 | eP | P | 23 04 27.9 | -0.9 |
| TRPA | Tarpa | 84.64 | 18 | i/P | P | 23 04 29.4 | +0.7 |
| VLC | Villacollemand | 84.86 | 28 | eP | P | 23 04 29.4 | +0.7 |
| VLC | comp=Z,53nm,1.1s,mb5.6 | | | | LR | | |
| KNDS | Knezji Dol | 84.90 | 25 | eP | P | 23 04 29.8 | -0.4 |
| KNDS | comp=Z,2um,19.0s,MS5.5 | | | | S | 23 14 59.9 | +1.3 |
| EQES | Quesada | 84.91 | 40 | P | P | 23 04 30.4 | -0.1 |
| ETOB | Tobarra | 84.91 | 39 | P | P | 23 04 30.9 | +0.5 |
| ETOB | comp=Z,93nm,1.7s,mb5.6 | | | | P | | |
| ELOJ | Sierra Loja | 84.94 | 41 | P | P | 23 04 30.9 | +0.5 |
| ELOJ | comp=Z,52nm,1.3s,mb5.5 | | | | Pmax | | |
| ELOJ | Sierra Loja | 84.94 | 41 | P | P | 23 04 30.9 | +0.5 |
| ELOJ | comp=Z,52nm,1.3s,mb5.5 | | | | P | | |
| MK31 | Makanchi Array | 84.99 | 339 | i/P | P | 23 04 30.6 | -0.1 |
| MK31 | comp=Z,145nm,1.7s,mb5.8 | | | | Pmax | | |
| MK31 | Makanchi Array | 84.99 | 339 | i/P | P | 23 04 30.6 | -0.1 |
| MK31 | comp=Z,13nm,0.9s,mb5.0,baz=31,slow=5.0,SNR=63 | | | | LR | 23 44 51.0 | |
| MKAR | comp=Z,960nm,19.0s,MS5.2,baz=25,slow=37 | | | | LR | | |
| ECOG | Cogollos-Vega | 85.11 | 40 | P | P | 23 04 32.1 | +0.6 |
| ECOG | comp=Z,29nm,0.9s,mb5.4 | | | | Pmax | | |
| ECOG | Cogollos-Vega | 85.11 | 40 | P | P | 23 04 32.1 | +0.7 |
| ECOG | comp=Z,29nm,0.9s,mb5.4 | | | | P | | |
| EMIJ | Mijas | 85.11 | 42 | P | P | 23 04 31.0 | -0.5 |
| EMIJ | comp=Z,91nm,2.0s,mb5.6 | | | | P | | |
| EHUE | Huescar | 85.12 | 40 | P | P | 23 04 30.3 | -1.2 |
| EHUE | comp=Z,34nm,1.5s,mb5.3 | | | | Pmax | | |
| EHUE | Huescar | 85.12 | 40 | P | P | 23 04 30.3 | -1.2 |
| EHUE | comp=Z,34nm,1.5s,mb5.3 | | | | P | | |
| BOJS | Bojanci | 85.18 | 24 | eP | P | 23 04 31.2 | -0.5 |
| BOJS | eS | | | | S | 23 15 00.0 | -0.8 |
| ERON | Agron | 85.20 | 41 | P | P | 23 04 31.9 | -0.1 |
| BMR | Baia Mare | 85.28 | 18 | P | P | 23 04 32.5 | +0.4 |
| WHN | Wuhan | 85.47 | 309 | P | P | 23 04 32.9 | -0.5 |
| WHN | pP | | | | pP | 23 04 38.3 | +1.6 |
| WHN | S | | | | S | 23 15 02.4 | -2.3 |
| WHN | Pmax | | | | Pmax | | |
| WHN | comp=Z,70nm,0.9s,mb5.8 | | | | LR | | |
| EGUA | Guajares | 85.47 | 41 | P | P | 23 04 31.6 | -1.6 |
| EGUA | comp=Z,276nm,1.2s,mb5.3 | | | | LR | | |
| PKSM | Moragy | 85.47 | 22 | P | P | 23 04 32.7 | -0.4 |
| PKSM | Moragy | 85.47 | 22 | i/P | P | 23 04 32.6 | -0.5 |
| PKSM | Moragy | 85.47 | 22 | i/P | P | 23 04 33.5 | 0.0 |
| GTA | Gaotai | 85.52 | 324 | i/P | P | 23 04 37.9 | +0.5 |
| GTA | pP | | | | pP | 23 04 38.6 | +0.6 |
| GTA | SP | | | | SP | 23 07 52.9 | +1.7 |
| GTA | SKS | | | | SKS | 23 14 54.4 | |
| GTA | S | | | | S | 23 15 02.3 | -2.7 |
| GTA | S | | | | S | 23 15 09.4 | -1.1 |
| GTA | Pmax | | | | Pmax | | |
| GTA | comp=Z,17nm,1.7s,mb5.0 | | | | Pmax | | |
| GTA | comp=Z,270nm,5.1s | | | | LR | | |
| GTA | comp=N,1um,19.8s,MS5.5 | | | | LR | | |
| GTA | comp=E,1um,19.2s,MS5.5 | | | | LR | | |
| GTA | comp=Z,2um,19.8s,MS5.4 | | | | LR | | |
| RAO | Raoul Island | 85.62 | 221 | LR | LR | 23 04 33.2 | |

| | | | | | | | |
|--------|--|-------|-----|-----|------------|------------|------|
| RAO | comp=Z,2um,20.8s,MS5.4,baz=167,slow=30 | | | | | | |
| RAO | Raoul Island | 85.62 | 221 | LR | LR | 23 04 40.0 | +6.2 |
| XAN | comp=Z,675nm,21.0s,MS5.0 | | | | P | | |
| Xi'an | 85.65 | 315 | P | P | 23 04 33.8 | -0.4 | |
| XAN | pP | | | | pP | 23 04 38.4 | +0.8 |
| XAN | PP | | | | PP | 23 07 40.6 | -6.4 |
| XAN | SKS | | | | S | 23 14 56.3 | |
| XAN | S | | | | S | 23 15 04.3 | -2.1 |
| XAN | Pmax | | | | Pmax | | |
| XAN | comp=Z,6.0nm,1.5s,mb4.6 | | | | Pmax | | |
| XAN | comp=Z,57nm,6.6s | | | | LR | | |
| XAN | comp=N,530nm,33.5s | | | | LR | | |
| XAN | comp=E,190nm,38.9s | | | | LR | | |
| XAN | comp=Z,190nm,21.7s | | | | LR | | |
| BUR08 | Bucovina Ar. S | 85.68 | 17 | eP | P | 23 04 34.2 | +0.1 |
| EMUR | La Murta | 85.71 | 39 | P | P | 23 04 32.6 | -1.8 |
| BURAR | Bucovina Array | 85.71 | 17 | i/P | P | 23 04 34.6 | +0.3 |
| BURAR | Bucovina Array | 85.71 | 17 | i/P | P | 23 04 34.6 | +0.3 |
| EBER | Berja | 85.73 | 40 | P | P | 23 04 36.7 | +2.1 |
| PGF | Pioggia | 85.80 | 29 | eP | P | 23 04 34.5 | -0.3 |
| PGF | comp=Z,155nm,1.5s,mb5.7 | | | | P | | |
| PGF | Pioggia | 85.80 | 29 | eP | P | 23 04 34.5 | -0.3 |
| PGF | comp=Z,77nm,1.5s,mb5.7 | | | | Pmax | | |
| PGF | Pioggia | 85.80 | 29 | eP | P | 23 04 34.5 | -0.3 |
| PGF | comp=Z,77nm,1.5s,mb5.7 | | | | P | | |
| PGF | comp=Z,209nm,1.9s,mb6.0 | | | | P | | |
| DRGR | 85.94 | 19 | i/P | P | 23 04 35.0 | -0.4 | |
| DRGR | 85.94 | 19 | P | P | 23 04 35.5 | +0.1 | |
| DRGR | 85.94 | 19 | i/P | P | 23 04 35.0 | -0.4 | |
| URUMQI | 86.16 | 334 | P | P | 23 04 42.9 | +3.0 | |
| WMQ | WMQ | | | | pP | 23 04 45.1 | +4.0 |
| WMQ | SKS | | | | S | 23 15 00.8 | |
| WMQ | S | | | | S | 23 15 10.9 | -0.1 |
| WMQ | S | | | | S | 23 15 18.9 | +2.4 |
| WMQ | Pmax | | | | Pmax | | |
| WMQ | comp=Z,48nm,1.0s,mb5.7 | | | | Pmax | | |
| WMQ | comp=Z,390nm,5.2s | | | | LR | | |
| WMQ | comp=N,1um,21.2s,MS5.3 | | | | LR | | |
| WMQ | comp=E,1um,21.3s,MS5.3 | | | | LR | | |
| WMQ | comp=Z,1um,19.2s,MS5.3 | | | | LR | | |
| AB31 | Akbulak array | 86.39 | 354 | i/P | P | 23 04 37.4 | -0.2 |
| AB31 | AB31 | | | | Pmax | | |
| ABKAR | Akbulak array | 86.39 | 354 | eP | P | 23 04 37.5 | 0.0 |
| ABKAR | comp=Z,161nm,1.4s,mb6.1 | | | | P | | |
| LZH | Lanzhou | 86.48 | 319 | i/P | P | 23 04 38.9 | +0.6 |
| LZH | pP | | | | pP | 23 04 42.3 | +0.7 |
| LZH | SP | | | | SP | 23 04 43.0 | +0.8 |
| LZH | PP | | | | PP | 23 08 01.5 | +2.5 |
| LZH | S | | | | S | 23 15 09.3 | -5.2 |
| LZH | S | | | | S | 23 15 15.0 | -5.0 |
| LZH | Pmax | | | | Pmax | | |
| LZH | comp=Z,47nm,1.0s,mb5.7 | | | | Pmax | | |
| LZH | comp=Z,280nm,4.4s | | | | LR | | |
| LZH | comp=E,2um,18.2s | | | | LR | | |
| LZH | comp=Z,3um,19.3s,MS5.7 | | | | LR | | |
| IAS | IAS | 86.58 | 15 | P | P | 23 04 38.2 | -0.4 |
| BZS | Buzias | 86.78 | 20 | P | P | 23 04 39.5 | -0.1 |
| BZS | Buzias | 86.78 | 20 | i/P | P | 23 04 38.5 | -1.1 |
| BZS | Buzias | 86.78 | 20 | i/P | P | 23 04 38.5 | -1.1 |
| KIS | Kishinev | 87.00 | 15 | eP | P | 23 04 35.0 | -5.6 |
| KIS | eS | | | | S | 23 15 06.0 | |
| KIS | LRM | | | | S | 23 15 22.0 | +2.8 |
| KIS | eS | | | | S | 23 15 22.0 | +2.8 |
| TESR | 87.05 | 16 | i/P | P | 23 04 40.3 | -0.6 | |
| TESR | 87.05 | 16 | i/P | P | 23 04 40.3 | -0.6 | |
| GZR | Gura Zlata | 87.27 | 19 | i/P | P | 23 04 42.7 | +0.7 |
| GZR | Gura Zlata | 87.27 | 19 | i/P | P | 23 04 42.7 | +0.7 |
| LEOM | Leova | 87.40 | 15 | P | P | 23 04 42.9 | +0.3 |
| AQU | L'Aquila | 87.46 | 27 | i/P | P | 23 04 44.4 | +1.5 |
| AQU | L'Aquila | 87.46 | 27 | eP | P | 23 04 45.9 | +2.9 |
| AQU | comp=Z,49nm,1.4s,mb5.5 | | | | LR | | |
| AQU | comp=Z,2um,21.0s,MS5.4 | | | | LR | | |
| AQU | L'Aquila | 87.46 | 27 | i/P | P | 23 04 44.4 | +1.5 |
| PLOR | | | | | | | |

SZGRF 18 00:34:47.9,20:53S,177:11W,h33km,Fiji Islands region
 ISCJB 18 00:35:50.2,0.8,19.77S:0.09:178:10W:0.09,
 h573km,12km,mb4.0,20,Error ellipse: s-maj=15.6km
 s-min=10.3km az=43.4
 IDC 18 00:35:51.0,1.4,19.80S:177.96W,h575km,17km,
 mb3.4/13,mb1 3.7/15,mb1mx3.6/21,mbtmp3.5/15,Error
 ellipse: s-maj=20.7km s-min=11.0km az=141.0
 NEIC 18 00:35:51.0,0.8,19.74S:178:03W,h575km,9km,mb4.4/8,
 Error ellipse: s-maj=11.7km s-min=8.4km az=130.0
 ISC 18 00:35:50.8,0.6,19.72S:0.09:178:06W:0.09,
 h565km,12km,n78,0z:78/39,mb4.0/20,11C-2D,Fiji
 Islands region

| Code | Station Name | Δ° | AZ° | Phase ID | Time Res | ISC |
|-------|-----------------|------------------------------------|-----|----------|------------|------|
| | | | | | h m s | ISC |
| MSVF | Nonsavu | 4.19 | 298 | Op | 00 37 21.3 | +6.1 |
| AFI | Afiamau | 8.34 | 47 | P | 00 37 53.9 | +1.5 |
| AFI | Afiamau | 3.7km,0.3s,baz=190,slow=1,SNR=3.9 | | S | | |
| AFI | Afiamau | 3.8nm,0.3s,baz=18,slow=19,SNR=4.8 | | S | | |
| AFI | Afiamau | 8.34 | 47 | P | 00 37 52.9 | +0.5 |
| AFI | Afiamau | 8.34 | 47 | P | 00 39 31.4 | -0.7 |
| FUNA | Funafuti | 11.45 | 346 | eP | 00 38 23.9 | +0.1 |
| URZ | Ureuera | 18.94 | 192 | P | 00 39 34.2 | -2.2 |
| URZ | Ureuera | 2.7nm,0.3s,baz=353,slow=4.5,SNR=12 | | P | | |
| URZ | Ureuera | 18.94 | 192 | P | 00 39 34.2 | -2.2 |
| HNR | Honiara | 23.59 | 293 | P | 00 40 19.2 | +0.8 |
| RPZ | Rata Peaks | 25.60 | 198 | P | 00 40 35.2 | -0.6 |
| CNB | Canberra Magne | 32.62 | 235 | eP | 00 41 37.7 | +1.0 |
| CTA | Charters Tower | 33.52 | 263 | eP | 00 41 45.2 | +0.7 |
| CTA | Charters Tower | 33.52 | 263 | P | 00 41 45.2 | +0.7 |
| CTA | Charters Tower | 33.52 | 263 | P | 00 41 45.2 | +0.7 |
| CTA | Charters Tower | 33.52 | 263 | P | 00 41 45.2 | +0.7 |
| CTAO | Charters Tower | 33.52 | 263 | eP | 00 41 44.5 | +0.1 |
| STKA | Stevens Creek | 38.08 | 243 | eP | 00 42 22.6 | +0.6 |
| STKA | Stevens Creek | 38.08 | 243 | P | 00 42 22.6 | +0.6 |
| STKA | Stevens Creek | 38.08 | 243 | P | 00 42 22.6 | +0.6 |
| STKA | Stevens Creek | 38.08 | 243 | P | 00 42 22.6 | +0.6 |
| ASAR | Alice Springs | 44.65 | 256 | P | 00 43 14.1 | +0.1 |
| ASAR | Alice Springs | 44.65 | 256 | P | 00 43 14.1 | +0.1 |
| ASAR | Alice Springs | 44.65 | 256 | P | 00 43 14.1 | +0.1 |
| ASAR | Alice Springs | 44.65 | 256 | P | 00 43 14.1 | +0.1 |
| WRA | Warramunga Arr | 44.66 | 261 | P | 00 43 13.5 | -0.6 |
| KAKA | Kakadu | 47.91 | 271 | eP | 00 44 38.6 | -0.1 |
| FITZ | Fitzroy Crossi | 53.08 | 262 | P | 00 44 16.2 | -0.1 |
| FITZ | Fitzroy Crossi | 53.08 | 262 | P | 00 44 16.2 | -0.1 |
| FITZ | Fitzroy Crossi | 53.08 | 262 | P | 00 44 16.2 | -0.1 |
| MBWA | Marble Bar | 57.97 | 257 | eP | 00 44 49.5 | -0.7 |
| SBA | Scotts Bay | 58.64 | 184 | eP | 00 44 55.5 | +1.7 |
| NWAO | Narrogin (SRO) | 58.67 | 243 | P | 00 44 54.4 | -0.3 |
| MAJR | Matsushiro Arr | 69.55 | 324 | P | 00 46 03.1 | -0.4 |
| QSPA | Queen Mabel Qui | 70.34 | 180 | eP | 00 46 07.7 | +0.2 |
| NACB | Ninganchiao | 73.20 | 304 | eP | 00 46 24.7 | -0.4 |
| KSM | Kuching | 73.25 | 278 | eP | 00 46 24.7 | -0.9 |
| PETK | Petroflovsk | 75.51 | 210 | P | 00 46 37.1 | -0.2 |
| NVAR | Mina Array Bea | 80.40 | 43 | P | 00 47 05.0 | +0.4 |
| KULM | Kulim | 83.61 | 278 | eP | 00 47 20.5 | -0.4 |
| BJT | Bajitau | 85.30 | 315 | eP | 00 47 28.6 | +0.1 |
| TXAR | Lajitas Array | 86.69 | 57 | P | 00 47 36.4 | +1.1 |
| TXAR | Lajitas Array | 86.69 | 57 | P | 00 47 36.4 | +1.1 |
| ILAR | Eielson Array | 87.57 | 13 | P | 00 47 37.4 | -1.2 |
| PDAR | Pineda Array | 88.44 | 43 | P | 00 47 43.1 | -0.1 |
| CMAR | Chiang Mai Arr | 89.80 | 290 | P | 00 47 51.1 | +1.0 |
| MKAR | Makanchi Array | 110.63 | 314 | PKiKP | 00 53 17.5 | -2.0 |
| BVAR | Borovoye Array | 118.45 | 320 | PKPpdf | 00 53 32.7 | -1.6 |
| ARCES | ARCES Array B | 128.15 | 350 | PKPpdf | 00 53 51.0 | -1.4 |
| FINES | FINESS Array B | 135.02 | 344 | PKP | 00 54 05.5 | -0.1 |
| FINES | FINESS Array B | 135.02 | 344 | PKP | 00 54 05.5 | -0.1 |
| FINES | FINESS Array B | 135.02 | 344 | PKP | 00 54 05.5 | -0.1 |
| HFS | Hagfors | 138.77 | 351 | PKHP | 00 54 02.7 | |
| AKASG | Malin Array B | 142.31 | 323 | PKHP | 00 54 14.3 | |
| EKA | Eskdalemuir Arr | 144.24 | 5 | PKPpdf | 00 54 20.9 | -1.5 |
| BSEG | Bad Segers | 145.25 | 351 | PKPbpc | 00 54 24.8 | -0.5 |
| KWP | Kawleria Pacl | 145.86 | 336 | PKPbpc | 00 54 26.8 | +1.4 |
| BRTR | Keskin Array B | 146.28 | 311 | PKPbpc | 00 54 27.8 | -1.0 |
| BURAR | Bucovina Array | 146.36 | 331 | PKPbpc | 00 54 28.6 | -0.1 |
| Jabal | Jabal Asfar | 146.36 | 299 | PKPbpc | 00 54 28.6 | -0.6 |
| NRDL | Niedersach Rie | 146.63 | 351 | PKPbpc | 00 54 27.6 | -1.8 |
| NIE | Niedzica | 146.92 | 338 | PKPbpc | 00 54 30.3 | +0.2 |
| CRVS | Cervenica-Dubn | 146.93 | 336 | PKPbpc | 00 54 29.8 | -0.3 |
| CLL | Collm | 147.30 | 347 | PKPbpc | 00 54 30.3 | +0.9 |
| CLL | Collm | 147.30 | 347 | PKPbpc | 00 54 30.3 | -0.7 |
| CLL | Collm | 147.30 | 347 | PKPbpc | 00 54 30.3 | -0.7 |
| CLL | Collm | 147.30 | 347 | PKPbpc | 00 54 30.3 | -0.7 |
| UPC | Upice | 147.32 | 343 | PKPbpc | 00 54 30.0 | +0.2 |
| DPD | Dobruska-Polom | 147.37 | 343 | PKPbpc | 00 54 31.0 | -0.4 |
| DPC | Dobruska-Polom | 147.37 | 343 | PKPbpc | 00 54 31.0 | -0.4 |
| MMAI | Mount Meron Arr | 147.38 | 301 | PKPbpc | 00 54 31.7 | -0.2 |
| BRG | Berggiesshubel | 147.50 | 346 | PKPbpc | 00 54 31.2 | -0.4 |
| BRG | Berggiesshubel | 147.50 | 346 | PKPbpc | 00 54 30.8 | -0.8 |
| BRG | Berggiesshubel | 147.50 | 346 | PKPbpc | 00 54 30.8 | -0.8 |
| BRG | Berggiesshubel | 147.50 | 346 | PKPbpc | 00 54 30.8 | -0.8 |
| MLR | Muntele Rosu | 147.54 | 328 | PKPbpc | 00 54 30.9 | -1.0 |
| KECS | Keocvo | 147.55 | 351 | PKPbpc | 00 54 31.6 | -0.4 |
| PVCC | Panska Ves | 147.67 | 345 | PKPbpc | 00 54 31.9 | -0.1 |
| PRU | Pruhonice | 148.18 | 345 | PKPbpc | 00 54 33.4 | +0.1 |
| VYHS | Vyhne | 148.22 | 338 | PKPbpc | 00 54 33.2 | -0.3 |
| TANN | Tannenberghtha | 148.26 | 347 | PKPbpc | 00 54 32.9 | -0.6 |
| TREC | Trest | 148.56 | 343 | PKPbpc | 00 54 33.8 | -0.5 |
| ROTZ | Rotzenmuhle | 148.92 | 347 | PKPbpc | 00 54 34.8 | +0.4 |
| GRF | Grafenberg Arr | 149.19 | 348 | PKPbpc | 00 54 35.8 | 0.0 |
| GRF | Grafenberg Arr | 149.19 | 348 | PKPbpc | 00 54 35.8 | 0.0 |
| KHC | Kasperske Hory | 149.21 | 345 | PKPbpc | 00 54 35.4 | -0.5 |
| KECZ | GERESS Array S | 149.44 | 345 | PKPbpc | 00 54 42.7 | 0.0 |
| GECC | Buzias | 149.49 | 332 | PKPbpc | 00 54 35.5 | -0.7 |
| BZS | Buzias | 149.49 | 332 | PKPbpc | 00 54 35.8 | 0.9 |
| CSNA | Conrad Observa | 149.68 | 341 | PKPbpc | 00 54 37.0 | 0.0 |
| WLF | Waldenberg | 149.94 | 355 | PKPbpc | 00 54 37.0 | -0.6 |
| ABTA | Aftattersbach | 151.69 | 341 | PKPbpc | 00 54 40.4 | -1.2 |
| DAVOX | Davos/Dischmat | 152.24 | 348 | PKPbpc | 00 54 42.2 | -0.7 |
| DAVOX | Davos/Dischmat | 152.24 | 348 | PKPbpc | 00 54 42.2 | -0.7 |

0.1nm,0.3s,baz=78,slow=8.9,SNR=5.3
 ASAR Alice Springs 30.51 242 P 00 42 05.6 +0.3
 0.4nm,0.7s,baz=81,slow=11,SNR=4.2
 FITZ Fitzroy Crossi 36.95 255 P 00 43 00.7 -0.7
 1.0nm,0.6s,baz=90,slow=9.1,SNR=8
 MKAR Makanchi Array 90.00 317 P 00 49 01.0 +0.1
 0.3nm,0.2s,baz=86,slow=7.7,SNR=4.4

DDA 18 00:40:57.1,36.96N:29.14E,h7km,5km,Md2.6
 CSEM 18 00:40:57.8,0.3,7.11N:29.21E,h30km,Md2.8,Error
 ellipse: s-maj=17.4km s-min=13.0
 ISK 18 00:40:57.4,37.09N:29.12E,h16km,Md2.8
 ISCJB 18 00:40:58.1,0.7,37.14N:0.07:29.21E:0.07,h32km,10km,
 Error ellipse: s-maj=12.9km s-min=7.7km az=32.6
 ISC 18 00:40:58.3,0.6,37.13N:0.07:29.20E:0.07,h33km,11km,
 n20,c0:98/28,Turkey

| Code | Station Name | Δ° | AZ° | Phase ID | Time Res | ISC |
|------|----------------|------|-----|----------|------------|------|
| | | | | | h m s | ISC |
| GLHS | Ghilar (BURDU) | 0.24 | 85 | Op | 00 41 04.0 | -1.3 |
| GLHS | Ghilar (BURDU) | 0.24 | 85 | eSg | 00 41 09.4 | -0.8 |
| GLHS | Ghilar (BURDU) | 0.24 | 85 | ePg | 00 41 04.1 | -1.3 |
| GLHS | Ghilar (BURDU) | 0.24 | 85 | eSg | 00 41 09.4 | -0.8 |
| GOLH | Golhisar | 0.31 | 70 | iP | 00 41 05.6 | -0.6 |
| GOLH | Golhisar | 0.31 | 70 | iS | 00 41 12.2 | +0.6 |
| GOLH | Golhisar | 0.31 | 70 | iS | 00 41 05.6 | -0.6 |
| GOLH | Golhisar | 0.31 | 70 | iS | 00 41 12.2 | +0.7 |
| TURN | Turunc | 0.54 | 242 | iP | 00 41 10.8 | +1.3 |
| TURN | Turunc | 0.54 | 242 | iS | 00 41 22.7 | +5.4 |
| TURN | Turunc | 0.54 | 242 | iP | 00 41 10.9 | +1.3 |
| DNZL | Cakirokul | 0.57 | 348 | iP | 00 41 10.7 | +0.7 |
| DNZL | Cakirokul | 0.57 | 348 | iS | 00 41 23.0 | +5.0 |
| DNZL | Cakirokul | 0.57 | 348 | iP | 00 41 10.7 | +0.7 |
| DENT | Denizli | 0.63 | 348 | ePg | 00 41 11.0 | 0.0 |
| DENT | Denizli | 0.63 | 348 | ePg | 00 41 11.0 | 0.0 |
| ELL | Elmalı | 0.69 | 124 | ePg | 00 41 11.7 | -0.3 |
| ELL | Elmalı | 0.69 | 124 | ePg | 00 41 11.7 | -0.3 |
| ELL | Elmalı | 0.69 | 124 | ePg | 00 41 11.7 | -0.3 |
| ELL | Elmalı | 0.69 | 124 | ePg | 00 41 11.7 | -0.3 |
| YER | Yerkesik | 0.73 | 270 | ePg | 00 41 11.3 | -1.4 |
| YER | Yerkesik | 0.73 | 270 | ePg | 00 41 11.3 | -1.4 |
| AKAS | Kas | 0.96 | 160 | iP | 00 41 13.7 | -1.7 |
| AKAS | Kas | 0.96 | 160 | iP | 00 41 13.7 | -1.7 |
| MLSB | Milas | 1.15 | 279 | ePn | 00 41 18.5 | +0.6 |
| MLSB | Milas | 1.15 | 279 | ePn | 00 41 18.5 | +0.6 |
| DAT | Dataca | 1.36 | 253 | ePn | 00 41 21.2 | +0.3 |
| DAT | Dataca | 1.36 | 253 | ePn | 00 41 21.2 | +0.3 |

NEIC 18 00:42:59.2,31.86S:71.31W,h37km,Md3.5(GUC),After
 GUC 18 00:42:59.2,0.7,31.86S:71.31W,h37km,2km,Md3.5,
 ML2.7,3C-3D,Near coast of Central Chile

| Code | Station Name | Δ° | AZ° | Phase ID | Time Res | ISC |
|------|--------------|------|-----|----------|------------|------|
| | | | | | h m s | ISC |
| CHNG | Los Chungos | 0.16 | 260 | iP | 00 43 05.8 | -0.1 |
| CHNG | Los Chungos | 0.16 | 260 | iS | 00 43 10.9 | +0.4 |
| CHNG | Los Chungos | 0.16 | 260 | iP | 00 43 11.5 | |
| CMCH | Combarbala | 0.73 | 21 | iP | 00 43 13.3 | +0.3 |
| CMCH | Combarbala | 0.73 | 21 | iS | 00 43 24.1 | +1.1 |
| CMCH | Combarbala | 0.73 | 21 | iS | 00 43 13.3 | +0.3 |
| CMCH | Combarbala | 0.73 | 21 | iS | 00 43 13.3 | +0.3 |
| CMCH | Combarbala | 0.73 | 21 | iS | 00 43 13.3 | +0.3 |
| JACH | Jahuel | 1.03 | 144 | iP | 00 43 17.9 | +0.9 |
| JACH | Jahuel | 1.03 | 144 | iP | 00 43 22.5 | +1.9 |
| JACH | Jahuel | 1.03 | 144 | iP | 00 43 22.5 | +1.9 |
| JACH | Jahuel | 1.03 | 144 | iP | 00 43 22.5 | +1.9 |
| ROCH | El Roble | 1.14 | 167 | eP | 00 43 19.3 | +0.7 |
| ROCH | El Roble | 1.14 | 167 | eP | 00 43 19.3 | +0.7 |
| ROCH | El Roble | 1.14 | 167 | eP | 0 | |

| | | | | |
|-------|----------------|--------------|----|-----------------|
| LEF | Lefka | 4.18 98 ePn | Pn | 02 09 13.5 -0.7 |
| KONT | Konya-Tatoy | 4.20 58 ePn | Pn | 02 09 16.0 +1.6 |
| KONT | Konya-Tatoy | 4.20 58 ePn | Pn | 02 09 16.0 +1.6 |
| GONE | Gonen-Balikesi | 4.22 58 ePn | Pn | 02 09 14.9 +0.1 |
| GONE | Gonen-Balikesi | 4.22 58 ePn | Pn | 02 09 14.9 +0.1 |
| LADK | Ladik-KONYA | 4.32 55 ePn | Pn | 02 09 17.1 +0.9 |
| LADK | Ladik-KONYA | 4.32 55 ePn | Pn | 02 09 17.1 +0.9 |
| ESKT | Eskisehir | 4.40 32 ePn | Pn | 02 09 17.9 +0.7 |
| ESKT | Eskisehir | 4.40 32 ePn | Pn | 02 09 17.9 +0.7 |
| KIZT | Kizilcal | 4.44 45 ePn | Pn | 02 09 18.4 +0.7 |
| KIZT | Kizilcal | 4.44 45 ePn | Pn | 02 09 18.4 +0.7 |
| KCTX | Karacabey (Bur | 4.46 5 ePn | Pn | 02 09 18.0 0.0 |
| KCTX | Karacabey (Bur | 4.46 5 ePn | Pn | 02 09 18.0 0.0 |
| LTK | Loutraki | 4.49 301 eS | Sn | 02 10 08.1 -1.1 |
| LTK | Loutraki | 4.49 301 eS | Sn | 02 10 08.1 -1.1 |
| LTK | Loutraki | 4.49 301 eS | Sn | 02 10 08.1 -1.1 |
| EDC | Edincik | 4.52 0 ePn | Pn | 02 09 19.1 +0.2 |
| EDC | Edincik | 4.52 0 ePn | Pn | 02 09 19.1 +0.2 |
| BNT | Bandirma | 4.53 1 ePn | Pn | 02 09 19.6 +0.6 |
| BNT | Bandirma | 4.53 1 ePn | Pn | 02 09 19.6 +0.6 |
| BORA | Eskisehir | 4.55 26 ePn | Pn | 02 09 18.8 -0.4 |
| BORA | Eskisehir | 4.55 26 ePn | Pn | 02 09 18.8 -0.4 |
| CSS | Prodhromos | 4.56 99 ePn | Sn | 02 10 02.2 -1.5 |
| CSS | Prodhromos | 4.56 99 ePn | Sn | 02 10 02.2 -1.5 |
| CSS | Prodhromos | 4.56 99 ePn | Sn | 02 10 02.2 -1.5 |
| LJA | Limnos Island | 4.58 333 ePn | Pn | 02 09 20.4 +0.7 |
| LJA | Limnos Island | 4.58 333 ePn | Pn | 02 09 20.4 +0.7 |
| LJA | Limnos Island | 4.58 333 ePn | Pn | 02 09 20.4 +0.7 |
| LJA | Limnos Island | 4.58 333 ePn | Pn | 02 09 20.4 +0.7 |
| KRBG | Karabiga-Canak | 4.59 355 ePn | Pn | 02 09 20.0 +0.2 |
| KRBG | Karabiga-Canak | 4.59 355 ePn | Pn | 02 09 20.0 +0.2 |
| KRBG | Karabiga-Canak | 4.59 355 ePn | Pn | 02 09 20.0 +0.2 |
| AOS | Alonnissos | 4.60 318 ePn | Pn | 02 09 20.8 +0.9 |
| AOS | Alonnissos | 4.60 318 ePn | Pn | 02 09 20.8 +0.9 |
| MDNY | Mudanya-Bursa | 4.62 10 ePn | Pn | 02 09 20.9 +0.8 |
| MDNY | Mudanya-Bursa | 4.62 10 ePn | Pn | 02 09 20.9 +0.8 |
| MDNY | Mudanya-Bursa | 4.62 10 ePn | Pn | 02 09 20.9 +0.8 |
| MDNY | Mudanya-Bursa | 4.62 10 ePn | Pn | 02 09 20.9 +0.8 |
| LPK | Lapseki | 4.63 350 ePn | Pn | 02 09 20.7 +0.4 |
| LPK | Lapseki | 4.63 350 ePn | Pn | 02 09 20.7 +0.4 |
| GADA | Gvkgeada | 4.63 341 ePn | Pn | 02 09 20.5 +0.2 |
| GADA | Gvkgeada | 4.63 341 ePn | Pn | 02 09 20.5 +0.2 |
| VLX | Vlachokerasia | 4.66 291 eS | Sn | 02 09 22.4 +1.6 |
| VLX | Vlachokerasia | 4.66 291 eS | Sn | 02 09 22.4 +1.6 |
| VLX | Vlachokerasia | 4.66 291 eS | Sn | 02 09 22.4 +1.6 |
| VLX | Vlachokerasia | 4.66 291 eS | Sn | 02 09 22.4 +1.6 |
| LFK | Lefkose | 4.67 95 ePn | Pn | 02 09 20.9 0.0 |
| LFK | Lefkose | 4.67 95 ePn | Pn | 02 09 20.9 0.0 |
| GELI | Tayfur-Gelibol | 4.70 347 ePn | Pn | 02 09 22.0 +0.7 |
| GELI | Tayfur-Gelibol | 4.70 347 ePn | Pn | 02 09 22.0 +0.7 |
| IKL | Isiklik | 4.75 83 ePn | Pn | 02 09 22.7 +0.7 |
| IKL | Isiklik | 4.75 83 ePn | Pn | 02 09 22.7 +0.7 |
| LKR | Lokris | 4.79 308 ePn | Pn | 02 09 23.4 +0.9 |
| LKR | Lokris | 4.79 308 ePn | Pn | 02 09 23.4 +0.9 |
| LKR | Lokris | 4.79 308 ePn | Pn | 02 09 23.4 +0.9 |
| LKR | Lokris | 4.79 308 ePn | Pn | 02 09 23.4 +0.9 |
| ARMT | Armutlu | 4.81 9 ePn | Pn | 02 09 23.5 +0.7 |
| ARMT | Armutlu | 4.81 9 ePn | Pn | 02 09 23.5 +0.7 |
| GUR | Goura | 4.89 297 eS | Sn | 02 09 25.3 +1.4 |
| GUR | Goura | 4.89 297 eS | Sn | 02 09 25.3 +1.4 |
| GUR | Goura | 4.89 297 eS | Sn | 02 09 25.3 +1.4 |
| GUR | Goura | 4.89 297 eS | Sn | 02 09 25.3 +1.4 |
| YLV | Yalova | 4.89 14 ePn | Pn | 02 09 24.8 +0.9 |
| YLV | Yalova | 4.89 14 ePn | Pn | 02 09 24.8 +0.9 |
| YLV | Yalova | 4.89 14 ePn | Pn | 02 09 24.8 +0.9 |
| ITM | Ithomi | 4.96 288 eS | Sn | 02 10 20.3 -0.5 |
| ITM | Ithomi | 4.96 288 eS | Sn | 02 10 20.3 -0.5 |
| ITM | Ithomi | 4.96 288 eS | Sn | 02 10 20.3 -0.5 |
| ITM | Ithomi | 4.96 288 eS | Sn | 02 10 20.3 -0.5 |
| LTBO | Tobrug | 4.97 222 eP | Pn | 02 09 24.5 -0.6 |
| LTBO | Tobrug | 4.97 222 eP | Pn | 02 09 24.5 -0.6 |
| DSF | Desfina | 4.97 303 P | Pn | 02 09 26.1 +1.0 |
| DSF | Desfina | 4.97 303 P | Pn | 02 09 26.1 +1.0 |
| PYL | PYLOS | 5.04 284 eS | Sn | 02 10 22.8 -0.1 |
| PYL | PYLOS | 5.04 284 eS | Sn | 02 10 22.8 -0.1 |
| PYL | PYLOS | 5.04 284 eS | Sn | 02 10 22.8 -0.1 |
| PYL | PYLOS | 5.04 284 eS | Sn | 02 10 22.8 -0.1 |
| NEO | Neokhori | 5.06 315 ePn | Pn | 02 09 27.2 +1.0 |
| NEO | Neokhori | 5.06 315 ePn | Pn | 02 09 27.2 +1.0 |
| NEO | Neokhori | 5.06 315 ePn | Pn | 02 09 27.2 +1.0 |
| NEO | Neokhori | 5.06 315 ePn | Pn | 02 09 27.2 +1.0 |
| GULT | Gulveren | 5.06 24 ePn | Pn | 02 09 27.9 +1.6 |
| GULT | Gulveren | 5.06 24 ePn | Pn | 02 09 27.9 +1.6 |
| XOR | Xorichti | 5.12 315 P | Pn | 02 09 27.9 +0.9 |
| XOR | Xorichti | 5.12 315 P | Pn | 02 09 27.9 +0.9 |
| XOR | Xorichti | 5.12 315 P | Pn | 02 09 27.9 +0.9 |
| XOR | Xorichti | 5.12 315 P | Pn | 02 09 27.9 +0.9 |
| SULT | Sultanhani-AKS | 5.15 61 ePn | Pn | 02 09 28.1 +1.0 |
| SULT | Sultanhani-AKS | 5.15 61 ePn | Pn | 02 09 28.1 +1.0 |
| EREN | Erenkoy | 5.16 91 ePn | Pn | 02 09 28.4 +0.9 |
| EREN | Erenkoy | 5.16 91 ePn | Pn | 02 09 28.4 +0.9 |
| KALE | Kale | 5.23 301 P | Pn | 02 09 30.7 +1.7 |
| KALE | Kale | 5.23 301 P | Pn | 02 09 30.7 +1.7 |
| PAIG | Paliouri | 5.26 322 P | Pn | 02 09 30.2 +1.2 |
| PAIG | Paliouri | 5.26 322 P | Pn | 02 09 30.2 +1.2 |
| ALN | Alexandroupoli | 5.26 345 P | Pn | 02 09 29.7 +0.7 |
| ALN | Alexandroupoli | 5.26 345 P | Pn | 02 09 29.7 +0.7 |
| TRIZ | Trizonia | 5.27 301 P | Pn | 02 09 30.8 +1.7 |
| TRIZ | Trizonia | 5.27 301 P | Pn | 02 09 30.8 +1.7 |
| LAKA | Lakka | 5.28 299 P | Pn | 02 09 30.9 +1.7 |
| LAKA | Lakka | 5.28 299 P | Pn | 02 09 30.9 +1.7 |
| EFP | Efpalio | 5.41 301 ePn | Pn | 02 09 33.2 +2.1 |
| EFP | Efpalio | 5.41 301 ePn | Pn | 02 09 33.2 +2.1 |
| AGG | Agios Georgios | 5.43 308 P | Pn | 02 09 33.2 +1.9 |
| AGG | Agios Georgios | 5.43 308 P | Pn | 02 09 33.2 +1.9 |
| MERS | Mersin | 5.49 77 ePn | Pn | 02 09 32.9 +0.8 |
| MERS | Mersin | 5.49 77 ePn | Pn | 02 09 32.9 +0.8 |
| RLS | Riolos of Patr | 5.58 296 eS | Sn | 02 09 35.8 +2.5 |
| RLS | Riolos of Patr | 5.58 296 eS | Sn | 02 09 35.8 +2.5 |
| RLS | Riolos of Patr | 5.58 296 eS | Sn | 02 09 35.8 +2.5 |
| RLS | Riolos of Patr | 5.58 296 eS | Sn | 02 09 35.8 +2.5 |
| EVY | Evyritania | 5.72 305 ePn | Pn | 02 09 37.7 +2.5 |
| EVY | Evyritania | 5.72 305 ePn | Pn | 02 09 37.7 +2.5 |
| THL | Klokotos Trika | 5.95 311 ePn | Pn | 02 09 40.0 +1.7 |
| THL | Klokotos Trika | 5.95 311 ePn | Pn | 02 09 40.0 +1.7 |
| KARA | Karaisali | 5.98 74 ePn | Pn | 02 09 39.9 +1.0 |
| KARA | Karaisali | 5.98 74 ePn | Pn | 02 09 39.9 +1.0 |
| BR131 | Keskin Array S | 6.02 48 ePn | Pn | 02 09 40.1 +0.7 |
| BR131 | Keskin Array S | 6.02 48 ePn | Pn | 02 09 40.1 +0.7 |
| BR131 | Keskin Array B | 6.02 48 ePn | Pn | 02 10 46.0 -0.9 |
| BR131 | Keskin Array B | 6.02 48 ePn | Pn | 02 10 46.0 -0.9 |
| BRTR | Keskin Array B | 6.02 48 ePn | Pn | 02 10 47.2 +0.3 |
| BRTR | Keskin Array B | 6.02 48 ePn | Pn | 02 10 47.2 +0.3 |
| BRTR | Keskin Array B | 6.02 48 ePn | Pn | 02 10 47.2 +0.3 |
| BRTR | Keskin Array B | 6.02 48 ePn | Pn | 02 10 47.2 +0.3 |
| VLS | Valsamata | 6.26 294 ePn | Pn | 02 09 44.5 +1.8 |
| VLS | Valsamata | 6.26 294 ePn | Pn | 02 09 44.5 +1.8 |
| VLS | Valsamata | 6.26 294 ePn | Pn | 02 09 44.5 +1.8 |
| VLS | Valsamata | 6.26 294 ePn | Pn | 02 09 44.5 +1.8 |
| LKD | Lekvas | 6.42 299 P | Pn | 02 09 47.9 +3.1 |
| LKD | Lekvas | 6.42 299 P | Pn | 02 09 47.9 +3.1 |
| LKD2 | Lefkada island | 6.45 299 P | Pn | 02 09 46.7 +1.5 |
| LKD2 | Lefkada island | 6.45 299 P | Pn | 02 09 46.7 +1.5 |
| HWQ | Hawqa | 6.82 101 ePn | Pn | 02 09 49.0 -1.4 |
| HWQ | Hawqa | 6.82 101 ePn | Pn | 02 09 49.0 -1.4 |
| MMAI | Mount Meron Ar | 6.84 112 P | Pn | 02 09 48.1 -2.5 |
| MMAI | Mount Meron Ar | 6.84 112 P | Pn | 02 09 48.1 -2.5 |
| MMAI | Mount Meron Ar | 6.84 112 P | Pn | 02 11 01.4 -5.7 |
| MMAI | Mount Meron Ar | 6.84 112 P | Pn | 02 11 01.4 -5.7 |
| RCY | Rachaya | 6.97 107 ePn | Pn | 02 09 50.9 -1.6 |
| RCY | Rachaya | 6.97 107 ePn | Pn | 02 09 50.9 -1.6 |
| IGT | Igoumenitsa | 7.02 304 P | Pn | 02 09 56.3 +3.3 |
| FNA | Florina | 7.10 316 P | Pn | 02 09 57.3 +3.2 |
| FNA | Florina | 7.10 316 P | Pn | 02 09 57.3 +3.2 |
| KEK | Kerkira | 7.46 304 P | Pn | 02 10 02.3 +3.2 |
| KEK | Kerkira | 7.46 304 P | Pn | 02 10 02.3 +3.2 |
| KEK | Kerkira | 7.46 304 P | Pn | 02 10 00.7 +1.6 |
| KEK | Kerkira | 7.46 304 P | Pn | 02 10 00.7 +1.6 |
| LJBD | Adjabya | 8.05 235 ePn | Pn | 02 10 05.2 -2.0 |
| LJBD | Adjabya | 8.05 235 ePn | Pn | 02 10 05.2 -2.0 |
| ASF | Jabal al Asfar | 8.35 113 P | Pn | 02 10 09.4 -1.8 |
| ASF | Jabal al Asfar | 8.35 113 P | Pn | 02 11 39.8 -4.2 |
| ASF | Jabal al Asfar | 8.35 113 P | Pn | 02 11 39.8 -4.2 |
| EIL | Eilat | 8.57 134 P | Pn | 02 10 12.0 -2.3 |

| | | | | |
|------|----------------|---------------|----|-----------------|
| EIL | Eilat | 8.57 134 P | Pn | 02 11 41.4 -7.9 |
| EIL | Eilat | 8.57 134 P | Pn | 02 10 12.0 -2.2 |
| LUJL | Luja | 8.67 221 eP | Pn | 02 10 12.5 -3.1 |
| LUJL | Luja | 8.67 221 eP | Pn | 02 10 12.5 -3.1 |
| CEL | Celeste | 9.86 288 P | Pn | 02 10 31.5 -0.4 |
| CEL | Celeste | 9.86 288 P | Pn | 02 10 31.5 -0.4 |
| STON | Ston | 10.54 315 ePn | Pn | 02 10 41.7 +0.5 |
| STON | Ston | 10.54 315 ePn | Pn | 02 10 41.7 +0.5 |
| WDD | Wield Dalam | 10.82 274 P | Pn | 02 10 46.1 +1.2 |
| WDD | Wield Dalam | 10.82 274 P | Pn | 02 10 46.1 +1.2 |
| VAE | Valguarnera | 10.92 283 P | Pn | 02 10 49.7 +3.4 |
| VAE | Valguarnera | 10.92 283 P | Pn | 02 12 42.5 -4.2 |
| VAE | Valguarnera | 10.92 283 P | Pn | 02 10 49.7 +3.4 |
| VAE | Valguarnera | 10.92 283 P | Pn | 02 12 42.5 -4.2 |
| MORC | Moravsky Berou | 15.84 335 eP | Pn | 02 11 54.3 +2.6 |
| MORC | Moravsky Berou | 15.84 335 eP | Pn | 02 11 54.3 +2.6 |
| FETA | Feichten | 16.99 316 ePn | Pn | 02 12 08.7 +2.7 |
| FETA | Feichten | 16.99 316 ePn | Pn | 02 12 08.7 +2.7 |
| FETA | Feichten | 16.99 316 ePn | Pn | 02 12 08.7 +2.7 |
| FETA | Feichten | 16.99 316 ePn | Pn | 02 12 08.7 +2.7 |
| SBF | Sospel | 17.58 303 eP | Pn | 02 12 11.0 -2.3 |
| SBF | Sospel | 17.58 303 eP | Pn | 02 12 11.0 -2.3 |
| MBDF | Montbardon | 18.34 305 eP | Pn | 02 12 21.0 -1.5 |
| MBDF | Montbardon | 18.34 305 eP | Pn | 02 12 21.0 -1.5 |
| MBDF | Montbardon | 18.34 305 eP | Pn | 02 12 21.0 -1.5 |
| MBDF | Montbardon | 18.34 305 eP | Pn | 02 12 21.0 -1.5 |
| LPG | La Plagne | 18.65 308 eP | Pn | 02 12 25.0 -1.2 |
| LPG | La Plagne | 18.65 308 eP | Pn | 02 12 25.0 -1.2 |
| LPG | La Plagne | 18.65 308 eP | Pn | 02 12 25.0 -1.2 |
| LPG | La Plagne | 18.65 308 eP | Pn | 02 12 25.0 -1.2 |
| LPL | La Plagne | 18.67 308 eP | Pn | 02 12 25.2 -1.3 |
| LPL | La Plagne | 18.67 308 eP | Pn | 02 12 25.2 -1.3 |
| LPL | La Plagne | 18.67 308 eP | Pn | 02 12 25.2 -1.3 |
| LPL | La Plagne | 18.67 308 eP | Pn | 02 12 25.2 -1.3 |
| ORIF | Oris-en-Rattie | 19.00 305 eP | Pn | 02 12 29.2 -1.2 |
| ORIF | Oris-en-Rattie | 19.00 305 eP | Pn | 02 12 29.2 -1.2 |
| CABF | La Chapelle | 19.54 310 eP | Pn | 02 12 34.3 -2.5 |
| CABF | La Chapelle | 19.54 310 eP | Pn | 02 12 34.3 -2.5 |
| CABF | La Chapelle | 19.54 310 eP | Pn | 02 12 34.3 -2.5 |
| CABF | La Chapelle | 19.54 310 eP | Pn | 02 12 34.3 -2.5 |
| HAU | Hautompre | 20.03 314 eP | Pn | 02 12 40.1 -0.1 |
| HAU | Hautompre | 20.03 314 eP | Pn | 02 12 40.1 -0.1 |
| HAU | Hautompre | 20.03 314 eP | Pn | 02 12 40.1 -0.1 |
| HAU | Hautompre | 20.03 314 eP | Pn | 02 12 40.1 -0.1 |
| SMF | Signal de Mont | 20.96 308 eP | Pn | 02 12 49.4 -0.9 |
| SMF | Signal de Mont | 20.96 308 eP | Pn | 02 12 49.4 -0.9 |
| LOR | Lormes | 21.20 310 eP | Pn | 02 12 52.3 -0.5 |
| LOR | Lormes | 21.20 310 eP | Pn | 02 12 52.3 -0.5 |
| LOR | Lormes | 21.20 310 eP | Pn | 02 12 52.3 -0.5 |
| LOR | Lormes | 21.20 310 eP | | |

18d 3h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PKSM Moray, BCLA Clavia, VTS Vitosa, etc.

ISCJB 18 02:47:59.1-0.7, 1.29S; 0.06:100.52E; 0.09, h108km, 5km, mb1.3/21, Error ellipse: s-maj=16.8km s-min=7.2km az=152.4

IDC 18 02:48:00.5-2.6, 1.16S; 100.77E, h105km, 22km, mb3.7/11, mb1.3/7.13, mb1mx3.6/21, mbtmp3.7/13, Error ellipse: s-maj=29.0km s-min=13.8km az=56.0

NEIC 18 02:48:01.1-1.2, 1.21S; 100.73E, h112km, 10km, mb4.5/9, Error ellipse: s-maj=17.7km s-min=8.2km az=57.0

NEIC Felt [I] at Painan. DJA 18 02:48:01.1-1.29S; 100.54E, h77km, MLV4.3/4. Error ellipse: s-maj=30.6km s-min=19.8km az=167.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PPI Padang Panjang, BKN Bangkinang, etc.

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

TAP 18 02:53:37.9, 22.32N; 122.40E, h59km, 1km, ML3.7, D.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TTN Taitung, TWG Pinlang, TWG Pinlang, etc.

IDC 18 02:59:03.5-1.6, 7.68S; 147.17E, h0km, mb3.9/7, mb1.4/1.9, mb1mx4.0/17, mbtmp4.0/9, ML3.7/2, Error ellipse: s-maj=51.8km s-min=20.7km az=110.0

NEIC 18 02:59:10.2-3.0, 7.80S; 147.11E, h47km, 33km, mb4.1/2, Error ellipse: s-maj=30.6km s-min=19.8km az=167.0

ISC 18 02:59:08.5-2.7, 7.71S; 0.08:147.1E; 0.2, h30km, 36km, n15, <0.98/16, mb3.9/8, Eastern New Guinea region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PMG Port Moresby, CEN Coen, etc.

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

CSEM 18 03:04:29.6, 36.72N; 24.17W, h5km, ML2.9, After PDA. PDA 18 03:04:29.6-0.8, 36.72N; 24.17W, h5km, MD4.1, ML2.9, Error ellipse: s-maj=6.9km s-min=4.2km az=49.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PSMN Pico do Norte, PSMN Pico do Norte, PSMN Pico do Norte, etc.

IDC 18 03:14:11.1-1.7, 6.16S; 174.40W, h0km, mb3.5/3, mb1.3/8.3, mb1mx3.6/17, mbtmp3.5/3, Error ellipse: s-maj=330.4km s-min=38.6km az=140.0, Tonga Islands

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

IDC 18 03:25:55.8-21.0, 27.54N; 51.73E, h0km, mb3.7/4, mb1.3/7.5, mb1mx3.4/24, mbtmp3.6/5, ML3.2/1, MS3.4/1, Ms1.3/4.1, ms1mx2.5/31, Error ellipse: s-maj=428.4km s-min=39.1km az=5.0

TEH 18 03:26:08.6, 28.45N; 51.88E, h18km. CSEM 18 03:26:08.0, 28.45N; 51.88E, h18km, mb3.1/1, After NEIC. NEIC 18 03:26:08.0, 28.45N; 51.88E, h18km, mb3.1/1, MN3.1 (TEH), After TEH.

ISC 18 03:26:05.4-1.4, 28.45N; 0.1:51.77E; 0.10, h10km, n33, <1.47/39, mb3.6/4, Southern Iran

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

Table with columns: MKAR, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for Makanchi Array, FINESS Array B, FINES Array B, NOA NORSAR Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for URZ Urewera, URZ, RPZ Rata Peaks, CTAO Charters Tower, ASAR Alice Springs, WRA Warramunga Arr, MBWA Marble Bar, TXAR Lajitas Arr, etc.

Table with columns: THZ, KHZ Kahutara, KHZ Kahutara, DSZ Denniston Nort, CTZ Chatham Island, LTZ Lake Taylor, RPZ Rata Peaks, ARMA Drumac, ARMA Armadale, CTA Charters Tower, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for DJA 18 03:26:13, 0.34N:124.96E, h10km, Mlv3.8/4, Minahassa Peninsula, Sulawesi.

NEIC 18 04:14:22.3, 31.81S:72.04W, h7km, ML3.2(GUC), After GUC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for GUC 18 04:14:22.3, 0.6, 31.81S:72.04W, h7km, 2km, MD3.7, ML2.4, 4C-1D, Off coast of central Chile.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for FORT Forrest, GSPA South Pole Qui, MJAR Matsushiro Arr, PLCA Pasa Flores, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for IDC 18 03:28:45.2, 2.2, 17.79S:72.89W, h0km, mb1 4.0/1, mb1mx3.4/15, mbtmp3.8/1, ML3.4/1, Error ellipse: s-maj=284.2km s-min=50.0km az=161.0, Near coast of Peru.

ISK 18 03:32:56.5, 39.51N:26.48E, h5km, MD3.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for LPAZ La Paz, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JACH Jahuel, JACH, JACH, PEL Peidehue, TLL Tololo Astron, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for AYVA Ayvalik, AYVA, AYVA, AYVA, EZN Ezine, etc.

MEX 18 04:22:27.7, 1.9, 14.24N:93.19W, h16km, 379km, MD4.1, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for THIG THIG, PCIG PCIG, TGIG TGIG, SCX San Cristobal, HUIG HUIG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for CLCH Cerro Calan, PCH Pirque, PCH Pirque, LME Las Melosas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for BOZC Bozcaada, GELI Tayfur-Gelibol, GELI Tayfur-Gelibol, LPK Lapseki, etc.

NEIC 18 04:59:48.6, 0.7, 31.75S:179.86W, h347km, 7km, mb4.3/6, Error ellipse: s-maj=12.0km s-min=10.4km az=134.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for RAO Raoul Island, RAO, MXZ Matakaoa Point, PUZ Puketiti, etc.

GUC 18 04:59:59.4, 0.6, 33.44S:72.35W, h37km, 2km, MD3.5, ML2.8, 1C-3D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for LNV Longovilo, LNV, PEL Peidehue, PEL, CLCH Cerro Calan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for GONE Gonon-Balikesi, GONE Gonon-Balikesi, BALB Balikesir, etc.

ISK 18 03:37:19.9, 1.2, 30.70N:102.102E, 0.08, h10km, mb3.5/3, Error ellipse: s-maj=25.7km s-min=10.2km az=174.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for CD2 Chengdu, CD2, CD2, MKAR Makanchi Array, WRA Warramunga Arr, ASAR Alice Springs, etc.

BUI 18 05:00:27.6, 18.00N:97.40W, h61km, Ms4.6/2, Ms7.4/2, ISCB 18 05:00:28.4, 0.3, 17.99N:103.97E, h77km, 2km, mb4.0/36, Error ellipse: s-maj=6.6km s-min=4.1km az=145.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for LNV Longovilo, LNV, PEL Peidehue, PEL, CLCH Cerro Calan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for IDC 18 03:37:22.6, 30.72N:102.102E, h9km, ML3.0/8, ISK 18 03:37:22.6, 30.72N:102.102E, 0.08, h10km, n4, 0.89S, mb3.5/3, Sichuan

NEIC 18 05:00:30.6, 17.98N:97.45W, h61km, 18km, 1/41, MD4.1(MEX), After MEX

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for WRA Warramunga Arr, ASAR Alice Springs, IDC 18 04:09:02.5, 8.3, 23.08S:179.80W, h433km, 88km, mb3.5/4, mb1 3.7/5, mb1mx3.3/18, mbtmp3.5/5, Error ellipse: s-maj=59.4km s-min=26.2km az=13.0

ISCB 18 05:00:30.8, 2.2, 18.23N:97.10W, h77km, 2km, mb3.9/9, mb1 4.1/13, mb1mx3.8/24, mbtmp3.9/13, MS2.9/1, Ms1 2.9/1, ms1mx2.4/27, Error ellipse: s-maj=41.6km s-min=16.0km az=39.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for TPIG Tehuacan, TPIG, OXX Oaxaca, OXX, VHO Vista Hermosa, VHO, VHO, VHO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for IDC 18 04:09:02.5, 8.3, 23.08S:179.80W, h433km, 88km, mb3.5/4, mb1 3.7/5, mb1mx3.3/18, mbtmp3.5/5, Error ellipse: s-maj=59.4km s-min=26.2km az=13.0

| | | | | | |
|-------|-----------------|--------------|----|---|-----------------|
| RSSD | Black Hills | 26.69 349 | eP | P | 05 06 03.5 +1.6 |
| BW06 | Boulder Array | 26.83 340 | ↑P | P | 05 06 02.5 -0.6 |
| PDAR | Pinedale Array | 26.83 340 | P | P | 05 06 02.1 -1.0 |
| O12A | Currie | 26.84 330 | ↑P | P | 05 06 03.4 +0.1 |
| K18A | Toltan Ranch | 26.88 339 | ↑P | P | 05 06 03.4 -0.1 |
| M14A | Sheep Mountain | 27.19 333 | ↑P | P | 05 06 06.3 0.0 |
| L15A | Malad City | 27.20 335 | ↑P | P | 05 06 06.6 +0.1 |
| K17A | Gardner Place | 27.28 338 | ↑P | P | 05 06 07.2 0.0 |
| NVAR | Minna Array Bay | 27.41 322 | P | P | 05 06 09.0 +0.6 |
| M13A | Monte | 27.43 332 | ↑P | P | 05 06 08.7 +0.1 |
| N12A | Clover Valley | 27.44 330 | ↑P | P | 05 06 08.8 +0.2 |
| ELK | Elko | 27.45 330 | P | P | 05 06 08.3 -0.4 |
| L14A | Malta | 27.58 334 | ↑P | P | 05 06 09.8 -0.1 |
| REDW | Red Top Meadow | 27.79 339 | eP | P | 05 06 11.2 -0.5 |
| REDW | Wells | 27.82 331 | ↑P | P | 05 06 35.6 |
| M12A | Arbon | 27.83 336 | ↑P | P | 05 06 12.4 +0.3 |
| K15A | Snow King Moun | 27.85 339 | eP | P | 05 06 12.6 +0.3 |
| SNOW | Long Hollow | 27.93 339 | eP | P | 05 06 36.4 |
| LOHW | Teton Pass | 27.94 339 | eP | P | 05 06 12.9 -0.1 |
| TPAW | Holland Ranch | 28.25 330 | ↑P | P | 05 06 15.8 0.0 |
| M11A | Blackfoot | 28.40 336 | ↑P | P | 05 06 16.9 -0.3 |
| J15A | I.L. Ranch, Tu | 28.68 329 | ↑P | P | 05 06 19.7 +0.1 |
| M10A | Draper Farm, C | 28.79 332 | ↑P | P | 05 06 20.6 +0.1 |
| K12A | Cat Creek Ranc | 28.80 331 | ↑P | P | 05 06 20.9 +0.2 |
| L11A | Red Lodge | 28.87 342 | ↑P | P | 05 06 20.9 -0.4 |
| RLMT | Red Lodge | 28.87 342 | eP | P | 05 06 21.1 -0.2 |
| RLMT | Red Lodge | 28.87 342 | eP | P | 05 06 23.3 +0.2 |
| L10A | Juniper Basin | 29.07 330 | ↑P | P | 05 06 23.0 -0.6 |
| G18A | Lazy EL Ranch | 29.13 342 | ↑P | P | 05 06 24.5 -0.1 |
| I14A | MacKay | 29.24 336 | ↑P | P | 05 06 25.3 -0.1 |
| HLID | Hailey | 29.33 334 | ↑P | P | 05 06 24.9 -0.5 |
| HLID | Hailey | 29.33 334 | eP | P | 05 06 25.7 0.0 |
| J12A | Stokes Ranch | 29.36 333 | ↑P | P | 05 06 26.0 -0.1 |
| K11A | Parker Ranch | 29.40 331 | ↑P | P | 05 06 27.1 0.0 |
| H15A | Lima | 29.52 337 | ↑P | P | 05 06 28.0 -0.8 |
| F18A | Big Timber | 29.71 342 | ↑P | P | 05 06 29.5 +0.1 |
| MCMT | McKenzie Canyo | 29.78 337 | eP | P | 05 06 29.5 0.0 |
| K10A | MacKenzie Ranc | 29.80 330 | ↑P | P | 05 06 29.7 0.0 |
| I12A | Atlanta | 29.82 334 | ↑P | P | 05 06 30.8 0.0 |
| G15A | Dillon | 29.94 338 | ↑P | P | 05 06 31.3 +0.1 |
| F17A | Fitzpatrick Pl | 29.99 341 | ↑P | P | 05 06 32.0 -0.1 |
| H13A | Challis | 30.09 335 | ↑P | P | 05 06 33.0 +0.3 |
| DLMT | Dillon | 30.15 338 | eP | P | 05 06 50.6 +1.4 |
| DLMT | Placerville | 30.27 333 | ↑P | P | 05 06 33.9 +0.2 |
| AGMM | Agassiz Nation | 30.28 2 eP | P | P | 05 06 31.7 -2.1 |
| H12A | Diamond D Ranc | 30.32 335 | ↑P | P | 05 06 34.1 0.0 |
| E18A | Harlowton | 30.37 343 | ↑P | P | 05 06 35.7 0.0 |
| LRM | Limekiln Ridge | 30.50 339 | eP | P | 05 06 36.0 0.0 |
| G13A | Cobalt | 30.52 336 | ↑P | P | 05 06 35.8 -0.2 |
| F15A | Butte | 30.53 339 | ↑P | P | 05 06 38.5 -0.5 |
| E16A | East Helena | 30.87 341 | ↑P | P | 05 06 39.2 -0.2 |
| D18A | Linhart Farms | 30.91 343 | ↑P | P | 05 06 38.8 -0.8 |
| DGMAT | Dagmar | 30.95 351 | ↑P | P | 05 06 40.0 -0.2 |
| J08A | Circle Bar Ran | 31.00 329 | ↑P | P | 05 06 40.2 -0.6 |
| HRY | Holter Researc | 31.08 340 | eP | P | 05 06 40.2 -0.7 |
| E15A | Deer Lodge | 31.09 339 | ↑P | P | 05 06 40.9 -0.3 |
| D17A | Six Diamond Ra | 31.12 342 | ↑P | P | 05 06 41.6 +0.1 |
| F13A | Darby | 31.15 337 | ↑P | P | 05 06 44.0 -0.4 |
| F12A | Elk City | 31.48 336 | ↑P | P | 05 06 44.5 -0.3 |
| C17A | Wharram Farm | 31.58 343 | ↑P | P | 05 06 45.3 -0.3 |
| E13A | Victor | 31.65 338 | ↑P | P | 05 06 45.5 -0.9 |
| CHMT | Chamberlain Mo | 31.72 339 | eP | P | 05 06 47.0 -0.8 |
| G10A | Bishop Farm, J | 31.87 333 | ↑P | P | 05 06 47.9 -0.6 |
| D14A | Greenough | 31.95 339 | ↑P | P | 05 06 48.4 -0.7 |
| C16A | Fuhringer Ranc | 32.02 342 | ↑P | P | 05 06 49.3 -0.8 |
| E12A | Beaver Dam Sad | 32.14 336 | ↑P | P | 05 06 50.0 -0.6 |
| B17A | L&G Farms, Che | 32.19 343 | ↑P | P | 05 06 47.5 -3.4 |
| ULM | Lac du Bonnet | 32.23 2 P | P | P | 05 06 50.8 -0.7 |
| D13A | Huson | 32.30 338 | ↑P | P | 05 06 52.4 -0.5 |
| F10A | Beach Ranch, E | 32.45 334 | ↑P | P | 05 06 53.1 -0.7 |
| B16A | M & M Farms, S | 32.56 342 | ↑P | P | 05 06 53.2 -0.9 |
| D12A | Red Ives Fores | 32.59 337 | ↑P | P | 05 06 53.2 -1.2 |
| C14A | Swan Lake | 32.63 339 | ↑P | P | 05 07 00.3 -0.8 |
| B13A | Whitfish | 33.40 339 | ↑P | P | 05 07 01.9 -0.7 |
| A14A | Double T Ranch | 33.58 341 | ↑P | P | 05 07 33.6 -1.3 |
| EDM | Edmonton | 37.35 344 | eP | P | 05 08 01.9 -1.8 |
| FCC | Fort Churchill | 40.81 3 eP | P | P | 05 08 24.9 -1.4 |
| SCHO | Schefferville | 43.57 25 P | P | P | 05 08 24.9 -1.4 |
| SCHO | Schefferville | 43.57 25 eP | P | P | 05 08 24.9 -1.4 |
| YKA | Yellowknife Ar | 46.10 349 P | P | P | 05 08 44.1 -2.1 |
| YKA | Yellowknife Ar | 46.10 349 pP | P | P | 05 09 08.6 +5.1 |
| INK | Inuvik | 55.24 344 eP | P | P | 05 09 53.6 -1.3 |
| ILAR | Eilsion Array | 57.22 337 P | P | P | 05 10 08.3 -0.7 |
| NOA | NORSAR Array B | 83.08 28 P | P | P | 05 12 46.9 -0.3 |
| NOA | NORSAR Array B | 83.08 28 pP | P | P | 05 13 14.0 +7.9 |

| | | | | |
|-------|-----------------|-----------------|-----|---|
| ARCES | ARCCESS Array B | 83.95 17 P | P | 05 12 50.7 -0.8 |
| HHC | Hu-ho-hao-te | 115.63 336 ePKP | P | 05 18 57.3 -6.6 |
| HHC | | PKP | P | 05 19 32.4 -0.6 |
| HHC | | SS | P | 05 35 50.3 -1.0 |
| HHC | | AMB | P | |
| WMQ | Ururupi | 118.36 356 ePKP | PKP | 05 19 06.8 -2.3 |
| WMQ | | PKP | P | |
| WMQ | | LR | P | |
| LZH | Lanzhou | 122.64 340 ePKP | PKP | 05 19 15.0 -2.5 |
| CD2 | Chengdu | 127.36 337 PKP | PKP | 05 19 28.8 -2.9 |
| WRA | Warrungarra Arr | 131.25 259 PKP | PKP | 05 19 35.1 +0.8 |
| | | | | comp=Z,0.1nm,0.5s,baz=79,slow=3.0,SNR=4.7 |

NIED 18 05:09:00, 26°60'N, 130°20'E, h5km, Mw3.9 Best double couple: M₀ 740000*10¹⁴, NP1=21.00000*, δ73.00000*, λ-133.00000*, NP2=273.00000*, δ45.00000*, λ-24.00000*

JMA 18 05:09:05, 26°26'N, 130°20'E, h44km, M3.6, Southeast of Ryukyu Islands

| Code | Station Name | Δ° AZ° | Phase ID | Time Res | ISC |
|------|--------------|----------|----------|-----------------|-----|
| | | | | h m s | ISC |
| JMZ | Minamidaito | 1.22 131 | P | 05 09 26.3 +0.5 | P |
| JMZ | | | S | 05 09 21.4 +0.3 | S |
| K15A | Nokushimo | 1.61 316 | P | 05 09 32.4 +1.0 | P |
| JTK | JTK | | S | 05 09 50.6 -0.2 | S |
| JJK | Kikushima | 1.70 353 | P | 05 09 33.5 +1.0 | P |
| JJK | | | S | 05 09 53.9 +0.9 | S |
| JOW | Kunigami | 1.73 277 | P | 05 09 34.0 +1.0 | P |
| JOW | | | S | 05 09 53.7 -0.2 | S |
| JAM | Amami Oshima | 1.86 344 | P | 05 09 35.5 +0.3 | P |
| JAM | | | S | 05 09 56.7 -0.3 | S |
| JIH | Iheya | 2.04 282 | P | 05 09 38.3 +1.2 | P |
| JIH | | | S | 05 10 02.3 +1.0 | S |
| JJT2 | Tamagusuku 2 | 2.25 258 | P | 05 09 41.4 +1.4 | P |
| JNAT | Naha | 2.29 258 | P | 05 09 40.7 +1.1 | P |
| JAGN | Aguni-jima | 2.65 270 | P | 05 09 47.4 +1.9 | P |
| JAGN | | | S | 05 10 16.0 -0.4 | S |
| JNN | Nakanoshima | 3.22 355 | eS | 05 10 30.9 +0.4 | eS |

ISCJB 18 05:21:05.1±0.6, 43°38'N, 0°04'45.69'E, 0.03, h5km, 4km, Error ellipse: s-maj=7.4km s-min=3.3km az=19.4

CSEM 18 05:21:07.1, 43°32'N, 45°45'E, h31km, mb4.0, After OBN MOS 18 05:21:07.1, 43°32'N, 45°45'E, h31km, mb4.0, Error ellipse: s-maj=14.0km s-min=9.9km az=5.2

ISC 18 05:21:05.9±0.6, 43°39'N, 0°04'45.69'E, 0.03, h5km, 4km, n35, c117/65, 2C, Eastern Caucasus

| Code | Station Name | Δ° AZ° | Phase ID | Time Res | ISC |
|------|---------------|----------|----------|-----------------|-----|
| | | | | h m s | ISC |
| SNJR | Sundja | 0.71 244 | ePG | 05 21 19.0 -0.5 | ePG |
| SNJR | | | S | 05 21 19.0 -0.5 | S |
| SNJR | Sundja | 0.71 244 | eS | 05 21 19.0 -0.5 | eS |
| SNJR | | | S | 05 21 19.0 -0.5 | S |
| TRKR | Terskaya | 0.77 296 | ePG | 05 21 29.0 +0.2 | ePG |
| TRKR | | | S | 05 21 29.0 +0.2 | S |
| TRKR | Terskaya | 0.77 296 | eS | 05 21 26.0 +5.3 | eS |
| TRKR | | | S | 05 21 22.6 +0.2 | S |
| VLKR | Vladikavkaz | 0.81 246 | ePG | 05 21 20.6 -0.8 | ePG |
| VLKR | | | S | 05 21 32.0 +0.1 | S |
| VLKR | Vladikavkaz | 0.81 246 | eS | 05 21 20.6 -0.8 | eS |
| VLKR | | | S | 05 21 32.0 +0.1 | S |
| BTKR | Batakoyurt | 0.83 269 | ePG | 05 21 22.4 +0.5 | ePG |
| BTKR | | | S | 05 21 35.0 +2.3 | S |
| BTKR | Batakoyurt | 0.83 269 | eS | 05 21 22.4 +0.5 | eS |
| BTKR | | | S | 05 21 35.0 +2.3 | S |
| DBC | Dubki | 0.91 113 | ePG | 05 21 22.0 -1.4 | ePG |
| DBC | | | S | 05 21 35.0 -0.2 | S |
| DBC | Dubki | 0.91 113 | eS | 05 21 35.0 -0.2 | eS |
| DBC | | | S | 05 21 35.0 -0.2 | S |
| KMSR | Komsomolskaya | 1.01 270 | ePG | 05 21 25.3 0.0 | ePG |
| KMSR | | | S | 05 21 39.8 +1.3 | S |
| KMSR | Komsomolskaya | 1.01 270 | eS | 05 21 25.3 0.0 | eS |
| KMSR | | | S | 05 21 39.8 +1.3 | S |
| ARNR | Ardon | 1.04 260 | ePG | 05 21 29.4 -0.1 | ePG |
| ARNR | | | S | 05 21 25.0 -0.9 | S |
| ARNR | Ardon | 1.04 260 | eS | 05 21 29.4 -0.1 | eS |
| ARNR | | | S | 05 21 25.0 -0.9 | S |
| UNCR | Uncukul | 1.05 129 | ePG | 05 21 25.5 -0.6 | ePG |
| UNCR | | | S | 05 21 41.0 +1.2 | S |
| UNCR | Uncukul | 1.05 129 | eS | 05 21 25.5 -0.6 | eS |
| UNCR | | | S | 05 21 41.0 +1.2 | S |

| Code | Station Name | Δ° AZ° | Phase ID | Time Res | ISC |
|------|---------------|----------|----------|-----------------|-----|
| | | | | h m s | ISC |
| UNCR | Uncukul | 1.05 129 | ePG | 05 21 25.5 -0.6 | ePG |
| UNCR | | | S | 05 21 41.0 +1.2 | S |
| PRTR | Priterechnaya | 1.08 290 | ↑PG | 05 21 27.1 +0.5 | ↑PG |
| PRTR | | | S | 05 21 43.3 +2.6 | S |
| PRTR | Priterechnaya | 1.08 290 | ↑PG | 05 21 27.1 +0.5 | ↑PG |
| PRTR | | | S | 05 21 43.3 +2.6 | S |
| LACR | Lac | 1.16 242 | ↑PG | 05 21 25.5 -0.2 | ↑PG |
| LACR | | | S | 05 21 40.7 -2.5 | S |
| LACR | Lac | 1.16 242 | ↑PG | 05 21 25.5 -0.2 | ↑PG |
| LACR | | | S | 05 21 40.7 -2.5 | S |
| KORR | Kora | 1.22 256 | ePG | 05 21 27.2 -0.0 | ePG |
| KORR | | | S | 05 21 43.8 -1.2 | S |
| KORR | Kora | 1.22 256 | eS | 05 21 27.2 -0.0 | eS |
| KORR | | | S | 05 21 43.8 -1.2 | S |
| ZEI | Tsey | 1.45 245 | ePG | 05 21 29.7 -2.9 | ePG |
| ZEI | | | S | 05 21 29.7 -2.9 | S |
| ZEI | Tsey | 1.45 245 | eS | 05 21 35.0 -0.1 | eS |
| ZEI | | | S | 05 21 59.0 +0.8 | S |
| KMKR | Kumukh | 1.63 140 | ePG | 05 21 35.0 -0.1 | ePG |
| KMKR | | | S | 05 21 59.0 +0.8 | S |
| KMKR | Kumukh | 1.63 140 | eS | 05 21 35.0 -0.1 | eS |
| KMKR | | | S | 05 21 59.0 +0.8 | S |

ISCJB 18 05:35:56.8±0.5, 38°33'N, 0°06'22.45'E, 0.06, h24km, 10km, Error ellipse: s-maj=11.5km s-min=6.5km az=158.2

ATH 18 05:35:56.7, 38°32'N, 22°45'E, h24km, 2km, MD2, 9/6

CSEM 18 05:35:56.6±0.3, 38°38'N, 22°41'E, h26km, 2km, ML2, 5/3, Error ellipse: s-maj=8.9km s-min=6.6km az=7.0

THE 18 05:35:57.1, 38°29'N, 22°47'E, h6km, 13km, ML2, 5/3, Error ellipse: s-maj=13.2km s-min=0.3km az=334.0

ISC 18 05:35:56.9±0.5, 38°34'N, 0°05'22.45'E, 0.03, h18km, 4km, n23, c42/35, Greece

| Code | Station Name | Δ° AZ° | Phase ID | Time Res | ISC |
|------|--------------|----------|----------|-----------------|-----|
| | | | | h m s | ISC |
| KALE | Kalitheia | 0.25 282 | P | 05 36 02.4 -0.2 | P |
| KALE | | | S | 05 36 06.8 +0.3 | S |
| KALE | Kalitheia | 0.25 282 | P | 05 36 02.4 -0.2 | P |
| KALE | | | S | 05 36 06.8 +0.3 | S |
| TRIZ | Trizonia | 0.30 275 | P | 05 36 03.5 +0.1 | P |
| TRIZ | | | S | 05 36 08.1 +0.2 | S |

| | | | | | | | |
|------|---|-------|-----|----|-----|------------|------|
| CDVI | 100nm,1.2s,mb5.1 | 24.85 | 37 | eP | P | 05 47 11.1 | -0.4 |
| ANWB | Willy Bob 159nm,0.8s,mb5.4 | 26.70 | 42 | eP | P | 05 47 29.3 | +1.1 |
| CPUP | Villa Florida 4.3nm,0.8s,mb4.3,baz=300,slow=9.0,SNR=15 | 32.76 | 140 | eP | P | 05 48 21.4 | -0.5 |
| CPUP | Villa Florida 20nm,0.9s,mb5.0 | 32.76 | 140 | eP | P | 05 48 20.9 | -1.0 |
| HKT | Hockley 19nm,1.7s,mb4.7 | 35.05 | 336 | eP | P | 05 48 41.4 | -0.2 |
| HKT | GOGA 9.6nm,1.0s,mb4.6 | 35.31 | 355 | eP | pP | 05 48 54.6 | -4.8 |
| GOGA | LRAL 16nm,1.0s,mb4.8 | 35.39 | 350 | eP | P | 05 48 43.6 | -1.1 |
| LRAL | Jenkinsville 16nm,1.0s,mb4.8 | 36.07 | 359 | eP | P | 05 48 55.7 | |
| JSC | Junction City 46nm,1.4s,mb5.2 | 37.25 | 332 | eP | P | 05 49 00.7 | +0.2 |
| JCT | Cooper Cave 37.43 | 354 | eP | pP | P | 05 49 13.8 | -4.5 |
| CPCT | Rapa Nui comp=Z,145nm,20.6s,baz=191,slow=30 | 37.44 | 225 | LR | LR | 05 49 01.5 | -0.4 |
| CPCT | Black Gap, Mar baz=38,SNR=9.5 | 38.03 | 327 | LR | LR | 06 00 38.9 | |
| RPN | UALR 12nm,0.8s,mb4.8 | 38.26 | 344 | eP | P | 05 49 08.2 | -0.7 |
| 628A | Terlingua Ranc baz=38,SNR=5.7 | 38.28 | 326 | LR | P | 05 49 20.1 | |
| UALR | Lajitas Array 2.0nm,1.0s,mb3.9,baz=148,slow=8.2,SNR=13 | 38.34 | 326 | P | P | 05 49 09.2 | -0.5 |
| UALR | TXAR 4.8nm,0.8s,baz=154,slow=6.5,SNR=15 | 38.41 | 342 | eP | LR | 05 01 22.4 | +0.1 |
| 627A | TXAR comp=Z,68nm,19.1s,baz=355,slow=36 | 38.38 | 127 | eP | PCP | 05 49 08.0 | -2.1 |
| TXAR | SPB 20nm,0.8s,mb5.0 | 38.41 | 342 | eP | P | 05 49 09.4 | -0.7 |
| TXAR | MIAR 14nm,1.0s,mb4.7 | 38.41 | 342 | eP | P | 05 49 09.4 | -0.7 |
| MIAR | MIAR 528A Cox Ranch, San baz=39,SNR=6.5 | 38.50 | 328 | LR | P | 05 49 21.7 | |
| MIAR | WWT 4.9nm,0.8s,mb4.8 | 38.55 | 350 | eP | P | 05 49 09.5 | -1.9 |
| WWT | WWT 626A Big Bend Ranch baz=39,SNR=12 | 38.77 | 326 | LR | PCP | 05 49 21.0 | |
| 626A | 428A Kincaid Ranch baz=39,SNR=7.7 | 38.89 | 328 | LR | P | 05 49 14.2 | -0.1 |
| 428A | 527A Woodward Ranch baz=39,SNR=15 | 38.94 | 327 | LR | P | 05 49 14.4 | -0.3 |
| 527A | 526A Mary Lane Ranc baz=39,SNR=14 | 39.13 | 326 | LR | P | 05 49 16.2 | -0.1 |
| 526A | 427A Hayter Ranch, baz=40 | 39.37 | 328 | LR | P | 05 49 18.0 | -0.3 |
| 427A | 328A Wristen Ranch, baz=40,SNR=12 | 39.48 | 329 | LR | P | 05 49 18.9 | -0.3 |
| 328A | PLCA Paso Flores 2.8nm,1.0s,mb5.1,baz=341,slow=9.3,SNR=27 | 39.58 | 168 | P | P | 05 49 20.3 | +0.5 |
| PLCA | PLCA 8.8nm,1.0s,baz=347,slow=4.7,SNR=4.5 | 40.43 | 336 | eP | PCP | 05 51 25.0 | -0.9 |
| PLCA | PLCA comp=Z,225nm,18.2s,baz=282,slow=33 | 39.58 | 168 | eP | LR | 06 03 27.2 | |
| PLCA | TRQA Tornquist 21nm,1.1s,mb4.9 | 39.65 | 157 | eP | P | 05 49 19.9 | +0.1 |
| TRQA | 327A Balmorhea Ranc baz=40 | 39.83 | 328 | LR | P | 05 49 20.1 | -0.4 |
| 327A | 326A Caldwell Ranch baz=40 | 40.04 | 328 | LR | P | 05 49 23.5 | -0.4 |
| 326A | 425A Indio Mountain baz=40,SNR=15 | 40.18 | 326 | LR | P | 05 49 24.9 | -0.1 |
| 425A | 227A Bennet, Jal baz=40 | 40.23 | 329 | LR | P | 05 49 24.8 | -0.6 |
| 227A | WMOK Wichita Mounta 12nm,1.0s,mb4.7 | 40.43 | 336 | eP | P | 05 49 26.4 | -0.6 |
| WMOK | WMOK 325A Bean Ranch, Si baz=41,SNR=11 | 40.62 | 327 | LR | pP | 05 49 39.5 | -5.6 |
| 325A | 226A Malaga, Lovin baz=41,SNR=11 | 40.69 | 328 | LR | PCP | 05 51 28.9 | +0.2 |
| 226A | 127A Arkansas Junct baz=41 | 40.79 | 330 | LR | P | 05 49 28.4 | -0.3 |
| 127A | FVM French Village 16nm,1.0s,mb4.8 | 40.84 | 348 | eP | P | 05 49 29.2 | -0.6 |
| FVM | FVM GD2L Guadalupe Moun 40.94 | 328 | eP | P | P | 05 49 41.9 | |
| GD2L | 324A Moseley Ranch, baz=41,SNR=8.3 | 40.96 | 326 | LR | P | 05 49 32.1 | +0.9 |
| 324A | CCM Cathedral Cave 9.3nm,1.0s,mb4.6 | 41.09 | 347 | eP | P | 05 49 30.8 | -0.6 |
| CCM | CCM CCM Cornudas Mount 13nm,1.1s,mb4.7 | 41.10 | 327 | eP | PCP | 05 49 30.4 | -2.0 |
| CCM | MNTX 126A Clayton Basin, baz=41,SNR=6.4 | 41.11 | 329 | LR | pP | 05 49 42.7 | |
| 126A | 225A Deer Hill, Car baz=41,SNR=6.4 | 41.11 | 328 | LR | P | 05 49 32.0 | 0.0 |
| 225A | OLIL Olney 12nm,0.9s,mb4.7 | 41.14 | 351 | eP | P | 05 49 32.2 | -0.4 |
| OLIL | OLIL Z77A Tatum baz=41,SNR=8.8 | 41.23 | 330 | LR | P | 05 49 44.7 | -5.9 |
| Z77A | CPRX Cap Rock 11nm,1.1s,mb4.6 | 41.33 | 329 | eP | P | 05 49 32.0 | -0.4 |
| CPRX | CPRX 125A Gardner Draw, baz=42,SNR=12 | 41.45 | 328 | LR | P | 05 49 37.8 | |
| 125A | 224A Cornudas Mount baz=42,SNR=6.7 | 41.46 | 327 | LR | P | 05 49 40.2 | -0.2 |
| 224A | MSTX Muleshoe baz=42,SNR=12 | 41.55 | 331 | LR | P | 05 49 34.9 | -0.6 |
| MSTX | 226A Caprock baz=42,SNR=17 | 41.58 | 330 | LR | P | 05 49 34.9 | -0.6 |
| 226A | Y27A Causay baz=42,SNR=7.9 | 41.66 | 331 | LR | P | 05 49 35.9 | -0.3 |
| Y27A | AMTX Amarillo 29nm,1.4s,mb4.8 | 41.79 | 333 | eP | P | 05 49 36.7 | +0.3 |
| AMTX | 124A Stringfield Ra baz=42 | 41.90 | 328 | LR | P | 05 49 36.6 | -0.5 |
| 124A | 223A Chaparral, Ant baz=42 | 41.91 | 326 | LR | P | 05 49 39.4 | +0.3 |
| 223A | 225A Roswell baz=42,SNR=5.5 | 41.96 | 329 | LR | P | 05 49 38.9 | -0.3 |
| 225A | Y26A Elda baz=42 | 42.02 | 330 | LR | P | 05 49 39.9 | +0.3 |
| Y26A | ACSO Alum Creek Sta 29nm,1.0s,mb5.0 | 42.07 | 357 | eP | P | 05 49 40.0 | 0.0 |
| ACSO | X27A F and S Farms, baz=42 | 42.25 | 332 | LR | P | 05 49 38.6 | -1.8 |
| X27A | 123A Bell Site, Whi baz=42 | 42.29 | 327 | LR | P | 05 49 50.9 | |
| 123A | 224A Sheeppen Canyo baz=42,SNR=14 | 42.34 | 328 | LR | P | 05 49 41.8 | -0.1 |
| 224A | 222A Williams Farm baz=42,SNR=15 | 42.36 | 325 | LR | P | 05 49 42.8 | +0.5 |
| 222A | Y25A Mesa, Roswell baz=43 | 42.46 | 329 | LR | P | 05 49 43.1 | +0.5 |
| Y25A | X26A CR and CF Fran baz=43 | 42.52 | 331 | LR | P | 05 49 43.4 | +0.6 |
| X26A | W27A Bowe Ranch, En baz=43,SNR=8.2 | 42.58 | 332 | LR | P | 05 49 43.6 | +0.6 |
| W27A | 221A Mesquite Ranch baz=43 | 42.68 | 325 | LR | P | 05 49 44.0 | -0.1 |
| 221A | 122A Conniff Cattle baz=43 | 42.75 | 326 | LR | P | 05 49 44.5 | -0.1 |
| 122A | 223A Rita Site, Whi baz=43 | 42.75 | 327 | LR | P | 05 49 46.1 | +0.1 |
| 223A | Y24A Capitan baz=43,SNR=8.2 | 42.84 | 329 | LR | P | 05 49 46.1 | +0.1 |
| Y24A | X25A Clemmons Ranch baz=43 | 42.92 | 330 | LR | P | 05 49 47.0 | +1.0 |
| X25A | W26A Owens Ranch, T baz=43 | 42.93 | 331 | LR | P | 05 49 47.0 | +1.0 |
| W26A | 220A Plays Peak, P baz=43,SNR=8.0 | 43.04 | 324 | LR | P | 05 49 47.6 | +0.2 |
| 220A | 121A Cooks Peak, D baz=43,SNR=9.6 | 43.07 | 325 | LR | P | 05 49 48.7 | +0.3 |
| 121A | 319A Douglas baz=43,SNR=6.7 | 43.12 | 323 | LR | P | 05 49 49.6 | +1.0 |
| 319A | Z22A Eleyat Butte baz=43,SNR=17 | 43.15 | 327 | LR | P | 05 49 49.4 | +0.4 |
| Z22A | Y23A Lovelace Mesa, baz=43,SNR=12 | 43.17 | 328 | LR | P | 05 49 49.6 | +0.4 |
| Y23A | W25A X Bar L Ranch, baz=44,SNR=9 | 43.37 | 331 | LR | P | 05 49 50.0 | +0.6 |
| W25A | KSU1 Kansas State U 64nm,0.8s,mb5.4 | 43.54 | 341 | eP | P | 05 49 51.0 | 0.0 |
| KSU1 | KSU1 219A White Tail Can baz=44 | 43.55 | 323 | LR | P | 05 49 51.9 | -0.4 |
| 219A | 120A U Bar Ranch, L baz=44 | 43.57 | 324 | LR | P | 05 50 04.2 | |
| 120A | Z21A St. Cloud Mine baz=44,SNR=6.1 | 43.58 | 326 | LR | P | 05 49 52.7 | +0.2 |
| Z21A | 318A Bisbee baz=44,SNR=11 | 43.59 | 322 | LR | P | 05 49 53.5 | +0.9 |
| 318A | BNN Barren Site 8.0nm,1.2s,mb4.3 | 43.64 | 328 | eP | P | 05 49 53.2 | +0.3 |
| BNN | BNN Y22A Socorro baz=44,SNR=7.0 | 43.66 | 327 | LR | pP | 05 50 07.1 | -4.3 |
| Y22A | X23A Houglass Bar baz=44,SNR=21 | 43.74 | 329 | LR | P | 05 49 53.9 | +0.6 |
| X23A | W24A Lazzy F Ranch, baz=44,SNR=5.5 | 43.83 | 330 | LR | P | 05 49 54.0 | +0.1 |
| W24A | Y25A Rancho No Teng baz=44,SNR=21 | 43.94 | 331 | LR | P | 05 49 54.9 | +0.2 |
| Y25A | Z20A Nine Sixteen R baz=44,SNR=9.8 | 43.95 | 325 | LR | P | 05 50 04.2 | |
| Z20A | U26A Atchley Ranch, baz=44,SNR=13 | 43.98 | 332 | LR | P | 05 49 56.4 | +0.7 |
| U26A | 218A Dragon Valley baz=44 | 44.00 | 323 | LR | P | 05 49 55.8 | 0.0 |
| 218A | Y21A Point of Rocks baz=44,SNR=8.7 | 44.10 | 327 | LR | P | 05 49 56.3 | +0.2 |
| Y21A | LAZ Ladron 3.0nm,1.1s,mb3.9 | 44.11 | 328 | eP | P | 05 49 57.6 | +0.8 |
| LAZ | LAZ 119A Ashpeak Ranch, baz=44 | 44.12 | 324 | LR | P | 05 49 57.5 | +0.6 |
| 119A | X22A Bernardo baz=44 | 44.12 | 328 | LR | P | 05 50 10.0 | |
| X22A | BINY Binghamton 22nm,1.0s,mb4.8 | 44.13 | 5 | eP | P | 05 49 57.3 | +0.3 |
| BINY | BINY ANMO Albuquerque 18nm,1.0s,mb4.8 | 44.17 | 329 | eP | P | 05 49 57.6 | +0.7 |
| ANMO | W23A Werner Place, baz=44,SNR=13 | 44.17 | 329 | LR | P | 05 50 08.0 | |
| W23A | V24A Rampart Ranch, baz=44,SNR=11 | 44.17 | 330 | LR | P | 05 49 57.9 | +0.6 |
| V24A | U25A Circle Dot Ran baz=44,SNR=7.4 | 44.30 | 332 | LR | P | 05 50 10.2 | |
| U25A | 217A Green Valley baz=44,SNR=8.6 | 44.34 | 322 | LR | P | 05 49 57.8 | +0.4 |
| 217A | Y20A Horse Springs, baz=45,SNR=14 | 44.42 | 326 | LR | P | 05 49 58.0 | 0.0 |
| Y20A | Z19A T-Link Ranch, baz=45 | 44.47 | 325 | LR | P | 05 49 56.3 | -0.6 |
| Z19A | W22A Albuquerque baz=45 | 44.48 | 328 | LR | P | 05 50 00.3 | +0.4 |
| W22A | X21A Alamocita Cree baz=45,SNR=13 | 44.49 | 327 | LR | P | 05 50 00.4 | +0.6 |
| X21A | V23A Ortiz Mt. (NFS baz=45,SNR=5.0) | 44.65 | 330 | LR | P | 05 50 00.8 | +0.9 |
| V23A | TUC Tucson 3.0nm,0.9s,mb4.2 | 44.68 | 322 | eP | P | 05 50 01.7 | +0.5 |
| TUC | U24A Moreno Valley baz=45 | 44.72 | 331 | LR | P | 05 50 01.1 | -0.4 |
| U24A | Z18A Geronimo baz=45 | 44.78 | 324 | LR | P | 05 50 02.6 | +0.8 |
| Z18A | 117A Oracle baz=45,SNR=14 | 44.84 | 323 | LR | P | 05 50 02.8 | +0.5 |
| 117A | 216A Three Points, baz=45 | 44.89 | 321 | LR | P | 05 50 03.0 | +0.3 |
| 216A | T25A Trinidad baz=45,SNR=13 | 44.90 | 332 | LR | P | 05 50 03.2 | +0.1 |
| T25A | W21A San Fidel baz=45 | 44.92 | 328 | LR | P | 05 50 03.7 | +0.5 |
| W21A | Y19A Nutrioso baz=45,SNR=9.2 | 44.95 | 325 | LR | P | 05 50 04.3 | +0.9 |
| Y19A | X20A Quemado baz=45,SNR=5.8 | 45.11 | 330 | LR | P | 05 50 04.6 | +1.0 |
| X20A | U23A El Rito baz=45,SNR=20 | 45.11 | 330 | LR | P | 05 50 04.9 | +0.9 |
| U23A | V22A San Miguel Ran baz=45 | 45.15 | 329 | LR | P | 05 50 05.3 | +0.5 |
| V22A | Z17A San Carlos Hig baz=45 | 45.18 | 324 | LR | P | 05 50 05.9 | +0.7 |
| Z17A | Y18A Canyon Day Jun baz=45,SNR=8.4 | 45.27 | 324 | LR | P | 05 50 06.2 | -2.2 |
| Y18A | X19A St. Johns baz=46 | 45.31 | 326 | LR | P | 05 50 05.8 | +0.3 |
| X19A | S25A Robets Cordova baz=46 | 45.34 | 333 | LR | P | | |

Table with columns: ID, Name, Address, Elevation, Azimuth, Distance, Status, etc. Includes entries like Preston Nutter, Junction, Valley of Fire, etc.

Table with columns: ID, Name, Address, Elevation, Azimuth, Distance, Status, etc. Includes entries like Wendover, West, Sheep Mountain, Brown Place, etc.

Table with columns: ID, Name, Address, Elevation, Azimuth, Distance, Status, etc. Includes entries like Dana Ranch, Cedar City, Turquoise Moun, etc.

Table of astronomical observations for 18c 6h, listing station names, coordinates, and observation details.

Table of astronomical observations for 2008 JUL, listing station names, coordinates, and observation details.

Table of astronomical observations for 2008 JUL, listing station names, coordinates, and observation details.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAJ, JNBK, JNBS, JNB, JKB, JKB, JANG, JTH, JTH, PETK, PETK, SONM, ILAR, MKAR, MKAR, NVAR, PDAR, NB2, NOA, NOA, AKASG, TXAR, TXAR.

IDC 18 06:24:14.7,2.1,4.84S:151.86E,h0km,mb3.4/4, mb1 3.6/4,mb1mx3.4/18,mbtmp3.4/4,Error ellipse: s-maj=125.2km s-min=28.4km az=129.0,New Britain region

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

DJA 18 06:29:00,0.06S:122.99E,h82km,MLV4.3/3,Minahassa Peninsula, Sulawesi

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

NEIC 18 06:35:04.2,3.3,23.48N:122.36E,h10km,MG3.5(JMA), Error ellipse: s-maj=35.2km s-min=13.7km az=102.0

TAP 18 06:35:12.9,0.0,3.23:67N:121.71E,h52km,ML3.8,C C JMA 18 06:35:12.9,0.0,3.23:73N:121.79E,h96km,M3.5

ISCBJ 18 06:35:13.0,0.3,23.65N:102.121.76E:0.02,h43km,7km, Error ellipse: s-maj=3.8km s-min=2.5km az=140.2

ISC 18 06:35:13.6,0.3,23.66N:102.121.74E:0.02,h39km,7km,n48,+084/89,1C-30,Taiwan

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TEGC, ESL, HWA, HWA, EHY, EHY, TWD, TWD, YULB, YULB, TWF1, TWF1, NACB, NACB, WHF, WHF, ENA, ENA, TWT, TWT, SMLT, SMLT, ELDTW, ELDTW, TYC, TYC, NNS, NNS, TWC, TWC, CHNS, CHNS, WNT, WNT, TWE, TWE, YHNB, YHNB, NSK, NSK.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NSK, TPUB, TPUB, WKG, WKG, TCU, TCU, TWQ1, TWQ1, NSY, NSY, NSY, NSY, NSTT, NSTT, NSTT, NSTT, SGST, SGST, SGST, SGST, TWK, TWK, TWK, TWK, CHY, CHY, CHY, CHY, TWA, TWA, TWCT, TWCT, TWCT, TWCT, SSD, SSD, SSD, SSD, NWF, NWF, NWF, NWF, YOJ, YOJ, YOJ, YOJ, TWS1, TWS1, TWS1, TWS1, TAW, TAW, TAW, TAW, EAST, EAST, EAST, EAST, SCZT, SCZT, SCZT, SCZT, HATJ, HATJ, HATJ, HATJ, IRIF, IRIF, IRIF, IRIF, PNG, PNG, PNG, PNG, PNG, PNG, PNG, PNG, KRS, KRS, KRS, KRS, JKRJ, JKRJ, JKRJ, JKRJ, JJJ, JJJ, JJJ, JJJ, JTJ, JTJ, JTJ, JTJ.

NEIC 18 06:44:27.7,32.04S:72.05W,h29km,ML3.5(GUC),After GUC

GUC 18 06:44:27.7,0.6,32.04S:72.05W,h29km,ML3.5(GUC),After GUC

ML3.5,7C-12,Off coast of central Chile

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHNG, CHNG, CMCH, CMCH, CMCH, CMCH, ROCH, ROCH, ROCH, ROCH, JACH, JACH, JACH, JACH, PEL, PEL, PEL, PEL, SAN, SAN, SAN, SAN, CLCH, CLCH, CLCH, CLCH, TACH, TACH, TACH, TACH, ANTU, ANTU, ANTU, ANTU, FCH, FCH, FCH, FCH, LNV, LNV, LNV, LNV, PCH, PCH, PCH, PCH, TLL, TLL, TLL, TLL, CHCH, CHCH, CHCH, CHCH, CHNS, CHNS, CHNS, CHNS, WNT, WNT, WNT, WNT, CACH, CACH, CACH, CACH, LCO, LCO.

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

IDC 18 06:59:06.8:31.0,16.03S:175.72W,h0km,mb4.0/4, mb1 4.2/4,mb1mx3.8/18,mbtmp4.0/4,Error ellipse: s-maj=618.5km s-min=161.6km az=85.0,Tonga Islands

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

IDC 18 07:06:17.4:3.5,53.77N:88.48E,h0km,mb1 3.4/3, mb1mx2.2/27,mbtmp3.4/3,ML3.3/2,Error ellipse: s-maj=34.9km s-min=16.8km az=69.0

ISC 18 07:06:21.6:2.3,53.76N:0.09:88.0E:0.02,h10km,n5,+062/10,5C-1D,Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZALV, ZALV, KURK, KURK, KURK, KURK, MK31, MK31, MK31, MK31, MKAR, MKAR, MKAR, MKAR, BVAR, BVAR, BVAR, BVAR.

ISCBJ 18 07:12:36.9,0.6,36.86N:0.03:10.56W,0.05,h10km,Error ellipse: s-maj=5.5km s-min=3.9km az=21.8

CSEM 18 07:12:40.9,0.3,36.87N:10.59W,h30km,ML3.7/10,Error ellipse: s-maj=6.3km s-min=4.0km az=91.0

MDD 18 07:12:40.4,0.9,36.83N:10.76W,h40km,mbLg3.0/31, Error ellipse: s-maj=8.9km s-min=5.4km az=90.0

IGIL 18 07:12:41.6,36.85N:10.71W,h30km,ML2.2, NEIC 18 07:12:41.3,36.89N:10.72W,h40km,MG4.2(MDD),After MDD

CNRM 18 07:12:42.1,36.69N:10.60W,h30km,MD3.5, INMG 18 07:12:42.4,0.7,36.86N:10.67W,h31km,MD2.8,ML2.7, Error ellipse: s-maj=3.3km s-min=2.8km az=51.0

LDG 18 07:12:42.2,0.2,36.92N:10.69W,h30km,ML3.3/3, Error ellipse: s-maj=3.2km s-min=2.3km az=34.0

ISC 18 07:12:40.0,0.6,36.89N:0.03:10.43W,0.04,h10km,n178,+1920/326,2C-2D,Azores-Cape St. Vincent Ridge

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PFVI, PFVI, PFVI, PFVI, PFVI, PFVI, PFVI, PFVI, MORF, MORF, MORF, MORF, MORF, MORF, MORF, MORF, PTEO, PTEO, PTEO, PTEO, PTEO, PTEO, PTEO, PTEO, MESJ, MESJ, MESJ, MESJ, MESJ, MESJ, MESJ, MESJ, PBDV, PBDV, PBDV, PBDV, PBDV, PBDV, PBDV, PBDV, PCVE, PCVE, PCVE, PCVE, PCVE, PCVE, PCVE, PCVE.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PVAQ Vaqueiros, PMAFR Mafrá, MOE Montemor, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ECAB El Cabril, EPLA Plasencia, EPLA Lobios, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like EMAZ Mazaricos, GUD Guadarrama, ZFT Errachidia, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Resolution. Includes stations like ZALV Zalesovo Beam, MKAR Makanchi Array, etc.

NIED 18 08:02:00.44:10N.148:20E,h47km,Mw4.0 Best double couple: Mb1.02000x1019 NPl1s241.00000, s66.00000, i43.00000 NP2s134.00000, s66.00000, i29.00000
JMA 18 08:02:40.9:0.4,44:11N:148:22E,h0km,M4.7
ISCJ 18 08:02:40.7:0.7,44:55N:105:148:39E:0'08,h67km,7km,mb3.7/9,Error ellipse: s-maj=11.05k s-min=5.7km az=41.9
IDC 18 08:02:41.6:0.8,44:65N:148:43E,h59km,6km,mb3.6/9,mb1.3/8.13,mb1mx3.6/27,mbtmp3.6/13,MS3.0/4,Ms1.3.0/4,ms1mx2.8/28,Error ellipse: s-maj=23.8km s-min=11.3km az=160.0
MOS 18 08:02:41.5:1.3,44:62N:148:27E,h77km,mb4.3/4,Error ellipse: s-maj=14.6km s-min=7.7km az=55.2
SKHL 18 08:02:43.4:1.2,44:56N:148:31E,h39km,9km,mb5.6/2
ISC 18 08:02:42.1:0.7,44:55N:105:148:40E:0'08,h62km,8km,h58km,1.3km:pp-P,n52,i126/63,mb3.8/9,3D,Kuril Islands
Code Station Name Az AzZ Phase ID Time Res
KUR Kuril'sk 0.79 331 ePn Pn 08 02 55.8 -1.6
KUR Kuril'sk 0.79 331 ePn Pn 08 03 06.0 -2.7

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details for various stations.

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Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details for various stations.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Valandovo, Sgoljore (BA), Ulcinj, etc.

DDA 18 11:31:02.6, 40.43N, 29.20E, h7km, 4km, Md2.7
ISK 18 11:31:03.4, 40.29N, 29.12E, h6km, MD2.9

ISCJB 18 11:31:04.2, 0.5, 40.37N, 0.04, 29.16E, 0.04, h12km, 5km,
Error ellipse: s-maj=6.9km s-min=5.6km az=12.7

CSEM 18 11:31:04.1, 0.2, 40.36N, 29.14E, h12km, MD2.9, Error
ellipse: s-maj=5.5km s-min=4.4km az=161.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GEMT, MDNY, YLV, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MAN, SIBAN, GUM, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CHNG, CMCH, PEL, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CLCH, FCH, LML, etc.

ISK 18 12:15:17.3, 37.48N, 34.88E, h19km, ML2.2
DDA 18 12:15:18.5, 37.45N, 34.89E, h7km, 3km, MD3.0

CSEM 18 12:15:18.2, 0.3, 37.44N, 34.85E, h15km, ML2.2, Error
ellipse: s-maj=6.8km s-min=5.6km az=160.0

ISCJB 18 12:15:19.1, 0.6, 37.39N, 0.05, 34.89E, 0.06, h23km, 7km,
Error ellipse: s-maj=8.9km s-min=6.3km az=136.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GULE, GULEK, KARA, etc.

CASC 18 12:16:59.1, 1.3, 12.28N, 87.62W, h54km, 21km, MD3.7,
ML3.6, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CRIN, CNNG, COPN, etc.

SKHL 18 12:22:17.1, 0.2, 52.49N, 142.41E, h10km, mb4.1/4,
Sakhalin Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like OKH, NKL, NK, etc.

NEIC 18 12:32:39.5, 32.21S, 71.84W, h26km, ML3.4(GUC), After
GUC

GUC 18 12:32:39.5, 0.6, 32.21S, 71.84W, h26km, 3km, MD3.7,
ML3.4, 8C-1D, Near coast of central Chile

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CACH, LDG, NNC, etc.

LDG 18 12:47:02.3, 0.2, 37.73N, 87.16E, h10km, Mb5.0/30, Error
ellipse: s-maj=8.4km s-min=3.7km az=101.0

ISCJB 18 12:47:03.6, 0.1, 37.76N, 0.02, 87.08E, 0.02, h10km,
mb4.8/1.6, MS4.4/5.4, Error ellipse: s-maj=3.3km

NEIC 18 12:47:05.3, 0.2, 37.74N, 87.09E, h10km, mb5.0/62,
MS4.6/1, Error ellipse: s-maj=5.3km s-min=3.5km az=18.0

GCMT 18 12:47:06.3, 0.3, 37.85N, 87.26E, h20km, 1km, MW4.9,
Moment Tensor Solution, s1,c21; s81,c113; Moment
tensor: Scale 10^16Nm; Mr0.64; 16; Mw-3.53; 12;

Best double couple: Mo3.30000x10^16 NP1=229.000000,
delta.000000, lambda.000000. NP2=137.000000, delta.000000,
lambda.166.000000. Principal axes: T 3.1100, Plg16.0000,
Azmr93.0000; N 0.4500, Plg73.0000; Azm287.0000; P
-3.5700, Plg4.0000; Azm184.0000; Data Used: IU IC II

MOS 18 12:47:06.6, 1.1, 37.76N, 87.12E, h33km, mb5.1/67,
MS4.3/27, Error ellipse: s-maj=7.1km s-min=4.2km
az=119.3

SZGRF 18 12:47:13.4, 38.23N, 86.63E, h33km, mb4.8, MS4.6,
Southern Xinjiang, China

ISC 18 12:47:05.0, 1.3, 12.28N, 87.62W, h54km, 21km, MD3.7,
(h23km, 6.9km; p-P), n387, r1504/395, mb4.8/116,
MS4.4/53, 29C-18D, Southern Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WMQ, LSA, KSH, etc.

KNDC 18 12:47:05.0, 1.3, 12.28N, 87.62W, h54km, 21km, MD3.7,
ML3.6, Near coast of Nicaragua

KNDC 18 12:47:05.0, 1.3, 12.28N, 87.62W, h54km, 21km, MD3.7,
ML3.6, Near coast of Nicaragua

ULHL 18 12:47:05.0, 1.3, 12.28N, 87.62W, h54km, 21km, MD3.7,
ML3.6, Near coast of Nicaragua

AAA 18 12:47:05.0, 1.3, 12.28N, 87.62W, h54km, 21km, MD3.7,
ML3.6, Near coast of Nicaragua

AAA 18 12:47:05.0, 1.3, 12.28N, 87.62W, h54km, 21km, MD3.7,
ML3.6, Near coast of Nicaragua

AAA 18 12:47:05.0, 1.3, 12.28N, 87.62W, h54km, 21km, MD3.7,
ML3.6, Near coast of Nicaragua

AAA 18 12:47:05.0, 1.3, 12.28N, 87.62W, h54km, 21km, MD3.7,
ML3.6, Near coast of Nicaragua

AAA 18 12:47:05.0, 1.3, 12.28N, 87.62W, h54km, 21km, MD3.7,
ML3.6, Near coast of Nicaragua

AAA 18 12:47:05.0, 1.3, 12.28N, 87.62W, h54km, 21km, MD3.7,
ML3.6, Near coast of Nicaragua

AAA 18 12:47:05.0, 1.3, 12.28N, 87.62W, h54km, 21km, MD3.7,
ML3.6, Near coast of Nicaragua

AAA 18 12:47:05.0, 1.3, 12.28N, 87.62W, h54km, 21km, MD3.7,
ML3.6, Near coast of Nicaragua

Table with columns for station call letters, frequency, name, and other details. Includes stations like AKASG, EIL, FINES, etc.

Table with columns for station call letters, frequency, name, and other details. Includes stations like KHC, GECZ, TANN, etc.

Table with columns for station call letters, frequency, name, and other details. Includes stations like AVF, KMBO, LASF, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include SCHQ Schefferville, BBB Bella Bella, FFC Flin Flon, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include JACH Jahuel, CLCH Cerro Calan, TACH Talagante, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PEL Peldehue, CLCH Cerro Calan, TACH Talagante, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include CACH El Canelo, TLL Tololo Astrono, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include GLHS Gilhisar, LMEI Las Melosas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include MNI Manado, KMSI Sangihe, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include AYDN Tasuluk, BUJ 18 13:09:56, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include IMP Imphal, SHL Shillong, LSA Lhasa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include LSA Taplejung, ODAN Odare, CHTO Chiang Mai, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include JIRN Jiri, GUN Gumba, PKI Pulchoki, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include KKK Kakan, DMN Daman, GKN Gorkha, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include GTA Gaotai, MK31 Makanchi Array, SONM Songino Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include BVAR Borovoye Array, FITZ Fitzroy Creek, WRAB Warren Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include HFS Hagfors, NOA Norsars Array, LDG 18 13:18:58, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include DZM Mont Dzumac, BAYA Yate Dam, NOUC Port Laguerre, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include HNR, AFI Afiamalu, CTA Charters Tower, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include WRA Warramunga Arr, ASAR Alice Springs, ASAR Korea Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include MWLA Marble Bar, MEKA Meekatharra, MJAR Matsushiro Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include SBA Scott Base, KSR5 Korea Array, KSR5 Songio Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PETK South Pole Base, GSPA South Pole Base, CMAR Chiang Mai Arr, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include ARCES ARCES Array B, ARCES ARCES Array B, ARCES ARCES Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include KMBO Kilima Mbojo, KMBO Kilima Mbojo, KMBO Kilima Mbojo, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include MNI Manado, KMSI Sangihe, KMSI Sangihe, etc.

| | | | | | |
|-------|---|-----------|-----|-----|-----------------|
| DMN | Daman | 52.22 274 | eP | P | 14 05 28.1 +0.2 |
| GKN | Gorkha | 52.33 275 | eP | P | 14 05 28.8 0.0 |
| EKS2 | Erkin-Say | 52.35 296 | P | P | 14 05 29.4 +0.7 |
| EKS2 | Erkin-Say | 52.35 296 | eP | P | 14 05 29.8 +0.2 |
| EKS2 | Kashi | 52.39 292 | eP | P | 14 05 33.1 +4.0 |
| KSH | | | pP | P | 14 05 42.9 +5.6 |
| KSH | | | sP | P | 14 05 46.9 +6.4 |
| KSH | | | PcP | P | 14 06 43.8 +4.1 |
| KSH | | | PP | P | 14 07 33.6 +5.9 |
| KSH | | | ScP | P | 14 10 36.6 +1.7 |
| KSH | | | PcS | P | 14 10 40.1 +2.0 |
| KSH | | | S | P | 14 12 52.8 -0.4 |
| KSH | | | sS | P | 14 13 12.3 +5.6 |
| KSH | | | SKS | P | 14 15 17.4 |
| KSH | comp=Z,7.0nm,0.7s,mb4.7 | | pmx | pmx | |
| KSH | comp=Z,110nm,4.5s | | LR | LR | |
| KSH | comp=N,490nm,12.9s,MS4.8 | | LR | LR | |
| KSH | comp=E,290nm,10.1s,MS4.8 | | LR | LR | |
| AML | comp=Z,430nm,13.0s,MS4.7 | | LR | LR | |
| AML | Almayashu | 52.65 296 | P | P | 14 05 32.4 +1.4 |
| AML | Almayashu | 52.65 296 | eP | P | 14 05 32.0 +1.0 |
| SVE | Sverdlovsk | 53.67 317 | eP | P | 14 05 36.8 -1.4 |
| SVE | comp=Z,28nm,1.1s,mb5.1 | | pmx | pmx | |
| SVE | comp=Z,414nm,19.0s,MS4.5 | | MLR | MLR | |
| KK31 | Karatay Array | 54.25 298 | iP | P | 14 05 42.5 -0.2 |
| KK31 | comp=Z,6.0nm,0.4s,mb4.9 | | pmx | pmx | |
| ARU | Arti | 54.87 317 | iP | P | 14 05 45.9 -1.1 |
| ARU | Arti | 54.87 317 | eP | P | 14 07 46.3 |
| ARU | Arti | 54.87 317 | s | P | 14 13 26.9 +0.6 |
| ARU | Arti | 54.87 317 | SS | P | 14 17 07.0 -2.2 |
| ARU | comp=Z,33nm,1.2s,mb5.2 | | pmx | pmx | |
| ARU | comp=Z,238nm,17.0s,MS4.3 | | MLR | MLR | |
| RES | Resolute Bay | 55.13 17 | eP | P | 14 05 45.8 -1.2 |
| RES | Resolute Bay | 55.13 17 | eP | P | 14 05 48.7 +0.1 |
| RES | comp=Z,29nm,0.6s,mb5.5 | | pmx | pmx | |
| RES | Resolute Bay | 55.13 17 | eP | P | 14 05 48.7 +0.1 |
| RES | comp=Z,30nm,0.6s,mb5.5 | | pmx | pmx | |
| DDI | Dehra Dun | 55.77 281 | ex | P | 14 05 52.5 -1.3 |
| YKA | Yellowknife Arr | 55.80 34 | P | P | 14 05 53.6 +0.1 |
| YKA | comp=Z,3.9nm,0.6s,mb4.8,baz=299,slow=6.7,SNR=12 | | P | P | |
| AB31 | Akbulak array | 57.60 309 | P | P | 14 06 06.6 0.0 |
| AB31 | comp=Z,19nm,0.3s,mb5.6 | | pmx | pmx | |
| ABKAR | Akbulak array | 57.60 309 | eP | P | 14 06 06.5 0.0 |
| ABKAR | comp=Z,31nm,0.4s,mb5.7 | | pmx | pmx | |
| AKTK | Aktubinsk | 58.07 311 | P | P | 14 06 09.7 -0.1 |
| AKTO | Aktubinsk | 58.07 311 | P | P | 14 06 09.7 -0.1 |
| AKTO | comp=Z,3.5nm,0.3s,mb4.8,baz=65,slow=7.5,SNR=22 | | pmx | pmx | |
| AKTO | Aktubinsk | 58.07 311 | P | P | 14 06 09.7 -0.2 |
| AKTO | comp=Z,4.0nm,0.3s,mb4.9 | | pmx | pmx | |
| APA | Apatity | 58.84 336 | eP | P | 14 06 20.8 +5.9 |
| APA | Apatity | 58.84 336 | eS | P | 14 08 24.0 |
| APA | Apatity | 58.84 336 | eS | P | 14 14 22.0 +3.7 |
| APA | comp=Z,16nm,0.8s,mb5.1 | | MLR | MLR | |
| APA | comp=Z,200nm,17.0s,MS4.3 | | MLR | MLR | |
| KEV | Kevo | 59.15 340 | eP | P | 14 06 15.6 -1.5 |
| KEV | Kevo | 59.15 340 | eP | P | 14 06 15.6 -1.5 |
| KEV | comp=Z,7.0nm,0.4s,mb5.0 | | pmx | pmx | |
| KEV | Kevo | 59.15 340 | eP | P | 14 06 15.6 -1.5 |
| KEV | comp=Z,7.1nm,0.4s,mb5.0 | | pmx | pmx | |
| ARCES | ARCES Array B | 59.69 340 | P | P | 14 06 19.4 -1.3 |
| ARCES | comp=Z,4.1nm,0.3s,mb4.9,baz=43,slow=7.5,SNR=106 | | LR | LR | |
| ARCES | ARCES Array B | 59.69 340 | P | P | 14 35 37.5 |
| ARCES | comp=Z,110nm,19.2s,MS4.0,baz=282,slow=40 | | LR | LR | |
| ARCES | ARCES Array B | 59.69 340 | P | P | 14 06 19.5 -1.3 |
| ARCES | comp=Z,4.0nm,0.4s | | pmx | pmx | |
| ARCES | comp=Z,110nm,19.2s | | MLR | MLR | |
| AREO | ARCES Array S | 59.69 340 | eP | P | 14 06 19.2 -1.5 |
| KBL | Kabul | 59.72 290 | eP | P | 14 06 20.9 -0.6 |
| DAG | Danmarks Havn | 59.75 356 | eP | P | 14 06 19.4 -1.7 |
| DAG | Danmarks Havn | 59.75 356 | eP | P | 14 06 19.4 -1.7 |
| DAG | comp=Z,5.0nm,0.8s,mb4.6 | | pmx | pmx | |
| DAG | Danmarks Havn | 59.75 356 | iP | P | 14 06 19.4 -1.7 |
| DAG | comp=Z,4.5nm,0.8s,mb4.5 | | pmx | pmx | |
| F03A | Seaside | 59.83 54 | iP | P | 14 06 22.1 0.0 |
| EDM | Edmonton | 61.32 43 | eP | P | 14 06 32.1 -0.1 |
| D08A | Wollman Farm | 61.88 51 | iP | P | 14 06 35.6 -0.4 |
| JOF | Joensuu | 62.56 333 | eP | P | 14 06 38.5 -1.9 |
| JOF | Joensuu | 62.56 333 | eP | P | 14 06 38.5 -1.9 |
| JOF | comp=Z,12nm,0.4s,mb5.4 | | pmx | pmx | |
| JOF | Joensuu | 62.56 333 | eP | P | 14 06 38.5 -1.9 |
| JOF | comp=Z,12nm,0.4s,mb5.4 | | pmx | pmx | |
| C11A | Tepee Creek (N) | 62.91 49 | iP | P | 14 06 43.0 0.0 |
| H11B | Hyderabad | 63.22 269 | eP | P | 14 06 45.0 -0.4 |
| HYB | Hyderabad | 63.22 269 | iP | P | 14 06 45.0 -0.4 |
| WALA | Waterton Lakes | 63.46 47 | eP | P | 14 06 46.1 -0.4 |
| B13A | Whitefish | 63.57 48 | iP | P | 14 06 47.8 +0.5 |
| B13A | comp=Z,3.9nm,0.7s,mb4.5 | | pmx | pmx | |
| A14A | Double T Ranch | 63.77 47 | iP | P | 14 06 48.8 +0.2 |
| JTMT | Jette | 64.04 48 | eP | P | 14 06 50.4 0.0 |
| E12A | Beaver Dam Sad | 64.13 50 | iP | P | 14 06 51.4 +0.4 |
| A15A | Johnson Ranch | 64.13 46 | iP | P | 14 06 50.5 -0.5 |
| SUMG | Summit | 64.19 2 | eP | P | 14 06 50.8 -0.3 |
| B14A | Marquette Ranc | 64.22 47 | iP | P | 14 06 52.1 +0.5 |
| WRA | Warramunga Arr | 64.27 194 | P | P | 14 06 50.8 -1.3 |
| WRA | comp=Z,4.3nm,0.8s,mb4.5,baz=14,slow=6.9,SNR=21 | | pmx | pmx | |
| WRA | Warramunga Arr | 64.27 194 | P | P | 14 06 50.8 -1.3 |
| WRA | comp=Z,4.0nm,0.8s | | pmx | pmx | |
| C14A | Swan Lake | 64.32 48 | iP | P | 14 06 52.0 -0.2 |
| D13A | Huson | 64.34 49 | iP | P | 14 06 52.2 -0.2 |
| SWMT | Swartz Lake | 64.34 48 | eP | P | 14 06 52.6 +0.3 |
| B15A | Bradley Ranch | 64.62 47 | iP | P | 14 06 53.8 -0.3 |
| SLMT | Seeley Lake | 64.77 48 | eP | P | 14 06 54.7 -0.5 |
| MSO | Missoula | 64.78 49 | eP | P | 14 06 55.5 +0.3 |
| KAF | Kangasniemi | 64.78 334 | eP | P | 14 06 53.2 -1.8 |
| KAF | Kangasniemi | 64.78 334 | eP | P | 14 06 53.2 -1.8 |
| KAF | comp=Z,13nm,0.7s,mb5.1 | | pmx | pmx | |
| KAF | Kangasniemi | 64.78 334 | eP | P | 14 06 53.2 -1.8 |
| KAF | comp=Z,13nm,0.7s,mb5.1,baz=43,slow=6.3 | | pmx | pmx | |
| D14A | Greenough | 64.86 48 | iP | P | 14 06 55.8 0.0 |
| C15A | Salmond Ranch | 64.93 47 | iP | P | 14 06 56.7 +0.5 |
| B16A | M & M Farms, S | 65.01 46 | iP | P | 14 06 56.6 -0.1 |
| F13A | Darby | 65.19 50 | iP | P | 14 06 57.9 -0.1 |
| E14A | Clinton | 65.28 49 | iP | P | 14 06 58.4 -0.1 |
| FINES | FINES Array B | 65.35 333 | P | P | 14 06 57.6 -1.1 |
| FINES | comp=Z,25nm,0.6s,mb5.4,baz=43,slow=6.8,SNR=110 | | LR | LR | |
| FINES | FINES Array B | 65.35 333 | P | P | 14 39 27.6 |
| FINES | comp=Z,88nm,18.5s,MS4.0,baz=203,slow=40 | | LR | LR | |
| FINES | FINES Array B | 65.35 333 | P | P | 14 06 57.6 -1.1 |
| FINES | comp=Z,25nm,0.6s | | MLR | MLR | |

| | | | | | |
|-------|--|-----------|-----|-----|-----------------|
| C16A | Fuhringer Ranc | 65.37 47 | iP | P | 14 06 59.4 +0.4 |
| B17A | L&G Farms, Che | 65.56 46 | iP | P | 14 07 00.4 +0.1 |
| A18A | Metzger Ranch | 65.67 45 | iP | P | 14 07 00.9 -0.1 |
| FFC | Flin Flin | 65.67 37 | iP | P | 14 07 01.2 +0.3 |
| FFC | Flin Flin | 65.67 37 | eP | P | 14 07 00.2 -0.7 |
| G13A | Cobalt | 65.67 50 | iP | P | 14 07 00.6 -0.5 |
| E15A | Deer Lodge | 65.74 48 | iP | P | 14 07 01.6 +0.2 |
| OBN | Obninsk | 65.82 324 | eP | P | 14 07 01.7 -0.2 |
| OBN | Obninsk | 65.82 324 | eP | P | 14 07 01.2 |
| OBN | Obninsk | 65.82 324 | eP | P | 14 09 25.3 |
| OBN | comp=Z,34nm,1.0s,mb5.3 | | pmx | pmx | |
| OBN | comp=Z,100nm,16.0s,MS4.1 | | MLR | MLR | |
| OBN | Obninsk | 65.82 324 | eP | P | 14 07 01.5 -0.3 |
| OBN | comp=Z,20nm,0.8s,mb5.2 | | pmx | pmx | |
| WCN | Washoe City | 65.93 58 | iP | P | 14 07 03.0 +0.2 |
| D16A | Dana Ranch, Ca | 65.95 47 | iP | P | 14 07 03.1 +0.3 |
| H13A | Challis | 65.98 51 | iP | P | 14 07 03.3 +0.2 |
| C17A | Wharram Farm | 66.00 47 | iP | P | 14 07 03.0 -0.1 |
| HRY | Holter Researc | 66.06 40 | eP | P | 14 07 03.6 +0.4 |
| FCC | Fort Churchill | 66.06 30 | eP | P | 14 07 02.5 -0.7 |
| VRHR | Novokhopersk | 66.16 319 | eP | P | 14 07 02.7 -1.4 |
| VRHR | Novokhopersk | 66.16 319 | eP | P | 14 07 14.2 |
| VRHR | comp=Z,50nm,0.7s,mb5.7 | | pmx | pmx | |
| VRHR | comp=N,5.0nm,0.3s | | pmx | pmx | |
| VRHR | comp=E,5.0nm,0.3s | | pmx | pmx | |
| F15A | Butte | 66.18 49 | iP | P | 14 07 04.5 +0.2 |
| E16A | East Helena | 66.19 48 | iP | P | 14 07 04.5 +0.1 |
| LRM | Limekiln Ridge | 66.21 49 | eP | P | 14 07 04.6 0.0 |
| EGMT | Eagle | 66.28 46 | eP | P | 14 07 04.5 -0.4 |
| D17A | Six Diamond Ra | 66.33 47 | iP | P | 14 07 05.4 +0.1 |
| HLID | Hailey | 66.51 52 | eP | P | 14 07 06.6 +0.1 |
| L11A | Cat Creek Ranc | 66.59 54 | iP | P | 14 07 07.2 +0.2 |
| G15A | Dillon | 66.60 49 | iP | P | 14 07 07.0 0.0 |
| E17A | Martinsdale | 66.68 48 | iP | P | 14 07 07.5 0.0 |
| F16A | Kennard Place | 66.69 49 | iP | P | 14 07 08.0 +0.4 |
| B13A | Cove Ranch, Pi | 66.75 52 | iP | P | 14 07 08.4 +0.4 |
| BOZ | Bozeman (W) | 66.77 49 | eP | P | 14 07 08.6 +0.5 |
| BOZ | Bozeman (W) | 66.77 49 | eP | P | 14 07 08.4 +0.3 |
| BOZ | comp=Z,4.0nm,0.8s,mb4.5 | | pmx | pmx | |
| BOZ | Bozeman (W) | 66.77 49 | eP | P | 14 07 08.4 +0.3 |
| D18A | Linhart Farms | 66.78 46 | iP | P | 14 07 08.6 +0.5 |
| I14A | Mackay | 66.83 51 | iP | P | 14 07 09.3 +0.8 |
| G16A | Moss Hill, Enn | 66.94 49 | iP | P | 14 07 09.2 0.0 |
| N10A | Dumphy | 67.04 55 | iP | P | 14 07 10.7 +0.8 |
| E18A | Harlowton | 67.12 47 | iP | P | 14 07 10.9 +0.6 |
| F17A | Fitzpatrick PI | 67.14 48 | iP | P | 14 07 10.8 +0.4 |
| J14A | Carey | 67.17 52 | iP | P | 14 07 11.2 +0.5 |
| VSR | Storozhevo | 67.25 320 | iP | P | 14 07 10.9 -0.2 |
| VSR | Storozhevo | 67.25 320 | iP | P | 14 07 22.1 |
| VSR | comp=N,10.0nm,0.6s | | pmx | pmx | |
| VSR | comp=E,7.0nm,0.6s | | pmx | pmx | |
| VSR | comp=Z,50nm,0.6s,mb5.7 | | pmx | pmx | |
| NVAR | Mina Array Bea | 67.36 58 | P | P | 14 07 13.0 +1.1 |
| VORD | Pinedale Array | 67.36 319 | eP | P | 14 07 10.8 -1.0 |
| VORD | comp=Z,1.2nm,0.8s,mb4.0,baz=294,slow=7.0,SNR=8.5 | | pmx | pmx | |
| VORD | Divnogorie | 67.36 319 | eP | P | 14 07 10.8 -1.0 |
| VORD | comp=E,40nm,0.9s | | pmx | pmx | |
| VORD | comp=Z,50nm,0.9s,mb5.5 | | pmx | pmx | |
| H16A | Russell Place | 67.58 49 | iP | P | 14 07 13.0 -0.2 |
| J15A | Blackfoot | 67.74 51 | iP | P | 14 07 14.8 +0.5 |
| ASAR | Alice Springs | 67.99 194 | P | P | 14 07 16.1 +0.2 |
| L14A | Malta | 68.14 52 | iP | P | 14 07 17.2 +0.4 |
| IMW | Inland Meadow | 68.26 50 | eP | P | 14 07 19.2 +1.6 |
| RLMT | Red Lodge | 68.39 48 | iP | P | 14 07 17.8 -0.5 |
| R11A | Troy Canyon, C | 69.08 57 | iP | P | 14 07 22.8 +0.1 |
| HWUT | Hardware Ranch | 69.38 52 | eP | P | 14 07 25.0 +0.4 |
| GOF | Gofitskoye | 69.38 313 | eP | P | 14 07 18.8 -5.7 |
| L17A | Gofitskoye | 69.38 313 | eP | P | 14 07 18.8 -5.7 |
| G17A | comp=Z,61nm,1.0s,mb5.5 | | pmx | pmx | |
| IZAR | Cokeville | 69.45 51 | iP | P | 14 07 25.0 0.0 |
| IZAR | Zarasai | 69.52 329 | eP | P | 14 07 25.3 +0.2 |
| DUG | Dugway | 69.56 54 | iP | P | 14 07 26.5 +0.3 |
| IDID | Didziasalis | 69.66 329 | eP | P | 14 07 26.3 +0.3 |
| IDID | Didziasalis | 69.66 329 | eP | P | 14 07 26.6 -0.2 |
| BW06 | Boulder Array | 69.76 50 | iP | P | 14 07 26.6 -0.2 |
| PDAR | Pinedale Array | 69.76 50 | iP | P | 14 07 27.1 +0.3 |
| IIGN | Ignalina | 69.83 329 | eP | P | 14 07 27.3 +0.2 |
| IIGN | Ignalina | 69.83 329 | eP | P | 14 07 27.8 |
| NACGM | Naroch | 69.95 328 | eP | P | 14 07 25.0 -2.8 |
| T11A | Corn Creek, AI | 70.07 57 | iP | P | 14 07 28.2 -0.3 |
| NB2 | NORSAR Subarra | | | | |

18d 14h

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like Panska Ves, Vyhne, Keskin Array S, etc.

2008 JUL

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like Gorron, Saint Saugle, Signal de Mont, etc.

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Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like Kahutara, Denniston Nort, Lake Taylor, etc.

| | | | | | |
|------|---|-----------|-----------|-----------------|-----------------|
| KUR | comp=E,900nm,0.6s | eS | Sn | 14 26 13.2 +1.4 | |
| KUR | comp=E,650nm,0.7s | A | A | 14 26 24.5 | |
| KUR | comp=E,200nm,0.7s | A | A | 14 26 24.5 | |
| SKR | Severo-Kuril's | 4.63 23 | ePN Pn | 14 25 34.2 -0.9 | |
| SKR | comp=N,80nm,0.5s | | pmax pmax | | |
| SKR | comp=Z,90nm,0.5s | | pmax pmax | | |
| SKR | Severo-Kuril's | 4.63 23 | eP Pn | 14 25 34.2 -0.9 | |
| SKR | comp=Z,80nm,0.5s | | AMB AMB | 14 25 37.4 | |
| SKR | comp=Z,90nm,0.5s | | AMB AMB | 14 25 37.4 | |
| SKR | comp=Z,190nm,0.7s | eS | Sn | 14 26 25.0 -2.8 | |
| SKR | comp=Z,80nm,0.7s | A | A | 14 26 47.1 | |
| SKR | comp=Z,190nm,0.7s | A | A | 14 26 47.1 | |
| YUK | Yuzh-Kuril'sk | 5.77 248 | i/PN Pn | 14 25 52.0 +1.2 | |
| YUK | comp=Z,80nm,0.7s | i/S | Pn | 14 26 59.7 +3.7 | |
| YUK | comp=E,60nm,0.3s | | pmax pmax | | |
| YUK | comp=Z,150nm,0.3s | | pmax pmax | | |
| YUK | comp=N,40nm,0.2s | | pmax pmax | | |
| YUK | comp=Z,630nm,1.6s | | pmax pmax | | |
| YUK | comp=N,180nm,0.6s | | smax | | |
| YUK | comp=E,340nm,0.6s | | smax | | |
| YUK | comp=N,800nm,1.2s | | smax | | |
| YUK | comp=E,1um,1.2s | | smax | | |
| YUK | Yuzh-Kuril'sk | 5.77 248 | i/PN Pn | 14 25 52.0 +1.2 | |
| YUK | comp=E,56nm,0.2s | | AMB AMB | 14 25 55.9 | |
| YUK | comp=E,71nm,0.2s | | AMB AMB | 14 25 55.9 | |
| YUK | comp=E,186nm,0.5s | | AMB AMB | 14 25 55.9 | |
| YUK | comp=Z,391nm,0.4s | i/S | Sn | 14 26 56.1 +0.1 | |
| YUK | comp=E,34nm,0.4s | A | A | 14 27 04.0 | |
| YUK | comp=E,34nm,0.4s | A | A | 14 27 25.5 | |
| YUK | comp=E,1um,1.5s | A | A | 14 27 25.5 | |
| YUK | comp=E,970nm,1.5s | AMS | AMS | 14 28 16.6 | |
| YUK | comp=E,613nm,17.0s | AMS | AMS | 14 28 16.6 | |
| YUK | comp=E,289nm,17.0s | AMS | AMS | 14 28 16.6 | |
| NEM2 | Nemuro 2 | 6.18 243 | P Pn | 14 25 55.0 -1.4 | |
| NEM2 | comp=Z,1.0nm,0.3s | eS | Sn | 14 27 01.1 -5.0 | |
| JRA | Rausu | 6.29 249 | P Pn | 14 25 59.2 +1.2 | |
| JRA | comp=Z,600nm,16.0s | eS | Sn | 14 27 10.5 +1.7 | |
| JNK | Nakash | 6.71 248 | P Pn | 14 26 03.8 +0.1 | |
| JNK | comp=Z,600nm,16.0s | eS | Sn | 14 27 18.4 -0.8 | |
| JAK | Akkeshi | 7.02 244 | eS Pn | 14 26 06.5 -1.5 | |
| JAK | comp=Z,600nm,16.0s | eS | Sn | 14 27 21.1 -5.8 | |
| JTRK | Abashiri-Toko | 7.07 253 | P Pn | 14 26 10.1 +1.4 | |
| PETK | Petropavlovsk- | 7.24 22 | Pn Pn | 14 26 10.8 -0.2 | |
| PETK | comp=E,1.4nm,0.3s,baz=166,slow=11,SNR=72 | i/S | Sn | 14 27 41.3 +9.2 | |
| PETK | comp=Z,1.0nm,0.3s | AMS | AMS | 14 26 10.8 -0.2 | |
| PETK | comp=Z,1.0nm,0.3s | AMS | AMS | 14 27 41.3 | |
| YSS | Yuzh-Sakhalins | 7.25 278 | ePN Pn | 14 26 16.0 +4.8 | |
| YSS | comp=E,600nm,16.0s | MLR | MLR | | |
| YSS | comp=Z,600nm,16.0s | MLR | MLR | | |
| YSS | Yuzh-Sakhalins | 7.25 278 | ePn Pn | 14 26 13.6 +2.4 | |
| YSS | comp=Z,600nm,16.0s | erx | Pn | 14 26 16.0 +4.8 | |
| YSS | comp=Z,600nm,16.0s | eS | Sn | 14 27 34.0 +1.5 | |
| YSS | comp=Z,600nm,16.0s | AMS | AMS | 14 28 44.0 | |
| JMP | Maruseppu | 7.42 254 | P Pn | 14 26 15.0 +1.6 | |
| PET | Petropavlovsk | 7.43 26 | ePN Pn | 14 26 12.2 -1.4 | |
| PET | comp=Z,5.0nm,0.5s | MLR | MLR | | |
| PET | comp=Z,100nm,12.0s | ePn | Pn | 14 26 11.2 -2.4 | |
| JAR | Ashorobuto | 7.46 248 | P Pn | 14 26 14.6 +0.6 | |
| JAR | comp=Z,100nm,12.0s | eS | Sn | 14 27 35.9 -1.6 | |
| JOB | Onbets | 7.61 246 | P Pn | 14 26 15.5 +0.6 | |
| JOB | comp=Z,100nm,12.0s | eS | Sn | 14 27 37.9 -3.4 | |
| JKK2 | Kamakawa 2 | 7.88 255 | P Pn | 14 26 21.7 +2.0 | |
| ASAJ | Asahikawa | 7.89 257 | P Pn | 14 26 22.5 +2.6 | |
| ASAJ | comp=Z,4.5nm,0.3s,baz=179,slow=30,SNR=24 | Sn | Sn | 14 27 47.1 -1.0 | |
| ASAJ | comp=Z,0.9nm,0.3s,baz=324,slow=25,SNR=2.1 | LR | LR | 14 29 04.2 | |
| ASAJ | comp=Z,147nm,21.4s,baz=185,slow=35 | LR | LR | 14 29 04.2 | |
| ASAJ | Uglegorsk | 8.00 293 | P Pn | 14 26 22.3 +2.4 | |
| UGL | Uglegorsk | 8.00 293 | P Pn | 14 26 26.0 +4.7 | |
| UGL | comp=Z,60nm,0.8s | AMB | AMB | 14 26 27.5 | |
| UGL | comp=Z,60nm,0.8s | eL | AMS | 14 28 50.0 | |
| JCH | Churui | 8.06 245 | P Pn | 14 26 21.0 -1.2 | |
| JCH | comp=Z,500nm,15.0s | eS | Sn | 14 27 47.1 -5.2 | |
| JFR | Furan | 8.28 250 | P Pn | 14 26 26.1 +0.8 | |
| TYV | Tymovskoe | 8.30 306 | eP Pn | 14 26 28.0 +2.6 | |
| TYV | comp=Z,48nm,1.0s | AMB | AMB | 14 26 39.0 | |
| TYV | comp=Z,35nm,1.0s | AMB | AMB | 14 26 39.0 | |
| TYV | comp=Z,66nm,1.0s | AMB | AMB | 14 26 39.0 | |
| ERM | Ermo | 8.52 242 | ePN Pn | 14 26 29.3 +0.8 | |
| ERM | comp=Z,0.2nm,0.3s,baz=32,slow=12,SNR=5.9 | ePn | Pn | 14 26 28.4 0.0 | |
| JEM | Ermo | 8.52 242 | P Pn | 14 26 28.4 -0.1 | |
| JBT2 | Birator 2 | 8.61 249 | P Pn | 14 26 29.9 +0.1 | |
| JBT2 | comp=Z,1.0nm,0.3s | eS | Sn | 14 28 04.5 -1.3 | |
| JNBK | Urakawa-nobuka | 8.62 245 | eS Pn | 14 26 28.2 -1.7 | |
| JNBK | comp=Z,1.0nm,0.3s | eS | Sn | 14 31 19.9 -4.9 | |
| JEW | Eniwo | 9.17 251 | P Pn | 14 26 39.4 +1.9 | |
| JNB | Noboribetsu | 9.62 250 | P Pn | 14 26 43.2 -0.4 | |
| JNB | comp=Z,1.0nm,0.3s | eS | Sn | 14 28 27.7 -2.8 | |
| JKB | Kayabe | 9.91 247 | P Pn | 14 26 45.9 -1.7 | |
| JKB | comp=Z,1.0nm,0.3s | eS | Sn | 14 28 30.6 -7.2 | |
| JSH | Shimam | 10.19 253 | P Pn | 14 26 52.5 +1.1 | |
| JYM2 | Yakumo 2 | 10.22 250 | P Pn | 14 26 51.0 -0.8 | |
| JANG | Nango | 10.49 239 | eS Pn | 14 28 41.4 -1.1 | |
| JTM | Tenmabayashi | 10.51 242 | P Pn | 14 26 53.1 -2.7 | |
| JTI | Tanohata | 10.57 246 | eS Pn | 14 28 42.0 -1.2 | |
| JOSM | Okushiri-Mats | 10.82 251 | P Pn | 14 26 59.4 -0.6 | |
| JRG | Rokugo | 11.64 237 | P Pn | 14 27 08.5 -2.8 | |
| JIO | Ouri | 11.89 232 | P Pn | 14 27 10.9 -3.8 | |
| JIO | comp=Z,1.0nm,0.3s | eS | Sn | 14 29 13.5 -1.3 | |
| MJAR | Matsushiro Arr | 15.00 234 | Pn Pn | 14 27 56.5 -0.6 | |
| MJAR | comp=Z,0.2nm,0.3s,baz=32,slow=12,SNR=5.9 | Pn | Pn | 14 27 53.4 -3.6 | |
| MAJO | Matsushiro | 15.00 234 | P Pn | 14 27 56.1 -0.9 | |
| MAT | Matsushiro | 15.00 234 | P Pn | 14 27 56.1 -0.9 | |
| MDJ | Mudanjiang | 16.69 272 | P Pn | 14 28 18.6 -0.1 | |
| MDJ | comp=Z,12nm,1.7s | pP | pP | 14 28 38.3 +7.7 | |
| MDJ | comp=Z,12nm,1.7s | sP | sP | 14 28 45.5 +1.3 | |
| MDJ | comp=Z,12nm,1.7s | S | S | 14 31 19.9 -4.9 | |
| MDJ | comp=Z,12nm,1.7s | ScP | ScP | 14 33 05.3 -1.5 | |
| MDJ | comp=Z,12nm,1.7s | ScS | ScS | 14 36 32.8 -6.4 | |
| MDJ | comp=Z,12nm,1.7s | ScS | ScS | 14 36 40.9 -1.7 | |
| MDJ | comp=Z,12nm,1.7s | pmax | pmax | 14 40 12.6 -5.8 | |
| MDJ | comp=Z,12nm,1.7s | pmax | pmax | | |
| MDJ | comp=Z,24nm,3.8s | ePn | Pn | 14 28 17.4 -1.4 | |
| MDJ | Mudanjiang | 16.69 272 | ePn | Pn | 14 28 17.4 -1.4 |
| ZEA | Zeya | 18.14 303 | eP Pn | 14 28 40.0 +3.2 | |

| | | | | |
|------|--|-----------|--------|-----------------|
| ZEA | comp=Z,12nm,1.0s | AMB | AMB | 14 28 43.0 |
| CN2 | Changchun | 19.77 272 | eP Pn | 14 28 55.9 -0.6 |
| CN2 | comp=Z,1.0nm,0.6s | eP | Pn | 14 29 13.9 +1.1 |
| CN2 | comp=Z,1.0nm,0.6s | eP | Pn | 14 32 26.6 -1.1 |
| CN2 | comp=Z,1.0nm,0.6s | eP | Pn | |
| CN2 | comp=Z,200nm,3.0s | pmax | pmax | |
| CN2 | comp=N,200nm,14.0s | LR | LR | |
| CN2 | comp=E,200nm,14.0s | LR | LR | |
| CN2 | comp=Z,200nm,15.0s | LR | LR | |
| YAK | Yakutsk | 20.63 328 | eP Pn | 14 29 01.9 -2.0 |
| YAK | comp=Z,4.0nm,0.9s | pmax | pmax | |
| YAK | comp=N,2.0nm,1.3s | pmax | pmax | |
| YAK | comp=E,3.0nm,1.5s | P | P | 14 29 07.4 +1.2 |
| KSRS | Korea Array | 20.82 253 | P Pn | 14 29 07.4 +1.2 |
| KSRS | comp=E,5.0nm,0.7s,baz=56,slow=10,SNR=31 | sP | sP | 14 29 17.4 -0.4 |
| KSRS | comp=E,5.0nm,0.7s,baz=52,slow=11,SNR=9.5 | sP | sP | 14 29 17.4 -0.4 |
| BILL | Bilibino | 22.65 13 | i/P Pn | 14 29 26.9 +1.4 |
| BILL | comp=Z,3.0nm,0.5s,mb4.0 | eS | S | 14 33 31.3 -0.5 |
| BILL | comp=Z,3.0nm,0.5s,mb4.0 | SS | SS | 14 34 11.2 |
| BILL | comp=Z,100nm,17.0s,MS3.3 | MLR | MLR | |
| HHC | Hu-ho-ho-te | 30.43 275 | eP Pn | 14 30 34.9 -2.0 |
| HHC | comp=Z,18nm,0.6s,mb5.0 | S | S | 14 35 25.1 -1.1 |
| HHC | comp=Z,18nm,0.6s,mb5.0 | pmax | pmax | |
| HHC | comp=Z,160nm,6.1s | pmax | pmax | |
| SONM | Songino Array | 31.54 290 | P Pn | 14 30 46.5 -0.1 |
| SONM | comp=Z,0.6nm,0.6s,mb3.4,baz=44,slow=8.7,SNR=3.3 | LR | LR | 14 44 39.6 |
| SONM | comp=Z,95nm,18.2s,MS3.5,baz=57,slow=38 | LR | LR | 14 30 46.5 -0.1 |
| SONM | comp=Z,95nm,18.2s | pmax | pmax | |
| SONM | comp=Z,1.0nm,0.6s | MLR | MLR | |
| SONM | comp=Z,95nm,18.2s | MLR | MLR | |
| TLY | Talaya | 32.41 298 | eP Pn | 14 30 53.4 -0.8 |
| TLY | comp=Z,2.0nm,0.8s,mb4.0 | pmax | pmax | |
| TLY | comp=Z,2.0nm,0.8s,mb4.0 | MLR | MLR | |
| TLY | comp=Z,2.0nm,0.8s,mb4.0 | MLR | MLR | |
| COLA | College | 36.29 38 | eP Pn | 14 31 27.5 -0.2 |
| COLA | comp=Z,114nm,15.0s,MS3.7 | pmax | pmax | |
| COLA | comp=Z,4.0nm,1.0s,mb4.3 | pmax | pmax | |
| COLA | comp=Z,4.2nm,1.0s,mb4.3 | eP | P | 14 31 27.5 -0.1 |
| ILAR | Eielson Array | 36.70 38 | P Pn | 14 31 30.4 -0.7 |
| ILAR | comp=Z,0.4nm,0.6s,mb3.4,baz=255,slow=6.0,SNR=6.8 | P | P | 14 31 38.6 -1.1 |
| ILAR | comp=Z,0.4nm,0.6s,mb3.4,baz=255,slow=7.9,SNR=4.6 | P | P | 14 31 38.6 -1.1 |
| LZH | Lanzhou | 38.01 272 | eP Pn | 14 31 44.3 +1.7 |
| LZH | comp=Z,14nm,1.0s,mb4.7 | pP | pP | 14 32 05.0 +1.4 |
| LZH | comp=Z,14nm,1.0s,mb4.7 | sP | sP | 14 32 16.0 +2.1 |
| LZH | comp=Z,14nm,1.0s,mb4.7 | pmax | pmax | |
| LZH | comp=Z,67nm,5.1s | pmax | pmax | |
| LZH | comp=N,180nm,8.6s | LR | LR | |
| LZH | comp=N,180nm,8.6s | LR | LR | |
| LZH | comp=N,180nm,8.6s | LR | LR | |
| GTA | Gaotai | 39.13 279 | i/P Pn | 14 31 53.8 +1.9 |
| GTA | comp=Z,360nm,9.6s | pP | pP | 14 32 14.3 +1.4 |
| GTA | comp=Z,360nm,9.6s | sP | sP | 14 32 24.4 +2.0 |
| GTA | comp=Z,360nm,9.6s | PP | PP | 14 33 29.8 +8.0 |
| GTA | comp=Z,360nm,9.6s | S | S | 14 37 47.9 -1.8 |
| GTA | comp=Z,360nm,9.6s | sS | sS | 14 38 23.9 +2.0 |
| GTA | comp=Z,5.0nm,1.5s,mb4.0 | pmax | pmax | |
| GTA | comp=Z,69nm,5.7s | LR | LR | |
| GTA | comp=N,83nm,15.3s,MS3.9 | LR | LR | |
| GTA | comp=E,120nm,16.2s,MS3.9 | LR | LR | |
| GTA | comp=Z,81nm,15.3s,MS3.7 | LR | LR | |
| CD2 | Chengdu | 40.97 266 | P Pn | 14 32 05.1 -2.2 |
| CD2 | comp=Z,1.0nm,0.6s | pP | pP | 14 32 25.8 +1.0 |
| CD2 | comp=Z,1.0nm,0.6s | sP | sP | 14 32 36.3 +1.7 |
| CD2 | comp=Z,1.0nm,0.6s | PP | PP | 14 33 43.6 +1.7 |
| CD2 | comp=Z,1.0nm,0.6s | S | S | 14 38 08.4 -9.0 |
| CD2 | comp=Z,1.0nm,0.6s | SS | SS | 14 38 44.3 +1.3 |
| CD2 | comp=Z,1.0nm,0.6s | sS | sS | 14 41 10.0 -1.0 |
| CD2 | comp=Z,1.0nm,0.6s,mb4.7 | pmax | pmax | |
| CD2 | comp=Z,170nm,5.7s | LR | LR | |
| CD2 | comp=N,420nm,5.2s | LR | LR | |
| CD2 | comp=Z,240nm,7.7s | LR | LR | |
| GYA | Guiyang | 41.77 258 | P Pn | 14 32 12.0 -1.9 |
| GYA | comp=Z,1.0nm,0.6s | pP | pP | 14 32 33.6 +1.1 |
| GYA | comp=Z,1.0nm,0.6s | sP | sP | 14 32 44.3 +1.8 |
| GYA | comp=Z,1.0nm,0.6s | PP | PP | 14 33 52.2 +2.2 |
| GYA | comp=Z,1.0nm,0.6s | PcP | PcP | 14 34 09.8 0.0 |
| GYA | comp=Z,1.0nm,0.6s | ScP | ScP | 14 37 50.9 -6.9 |
| GYA | comp=Z,1.0nm,0.6s | PcS | PcS | 14 37 59.5 -1.9 |
| GYA | comp=Z,1.0nm,0.6s | S | S | 14 38 20.0 -9.3 |
| GYA | comp=Z,1.0nm,0.6s | sS | sS | 14 38 55.4 +1.2 |
| GYA | comp=Z,1.0nm,0.6s | SS | SS | 14 41 21.3 -1.4 |
| GYA | comp=Z,1.0nm,0.6s,mb4.5 | pmax | pmax | |
| GYA | comp=Z,80nm,4.7s | LR | LR | |
| GYA | comp=N,420nm,17.2s,MS4.5 | LR | LR | |
| GYA | comp=E,310nm,18.6s,MS4.5 | LR | LR | |
| GYA | comp=Z,440nm,17.0s,MS4.4 | LR | LR | |
| ZALV | Zalesovo Beam | 42.87 306 | P Pn | 14 32 21.0 -1.5 |
| ZALV | comp=Z,1.9nm,0.6s,mb3.8,baz=56,slow=9.1,SNR=5.8 | P | P | 14 34 12.8 -0.2 |
| ZALV | comp=Z,1.9nm,0.6s,mb3.8,baz=56,slow=9.1,SNR=5.8 | PcP | PcP | 14 34 12.8 -0.2 |
| ZALV | comp=Z,1.0nm,0.6s,baz=83,slow=3.6,SNR=4.2 | LR | LR | 14 51 31.8 |
| ZALV | comp=Z,102nm,18.7s,MS3.8,baz=67,slow=38 | LR | LR | 14 32 21.0 -1.6 |
| ZALV | Zalesovo Beam | 42.87 306 | P Pn | 14 32 12.8 -0.2 |
| ZALV | comp=Z,1.0nm,0.6s,mb3.7 | pmax | pmax | |
| ZALV | comp=Z,1.0nm,0.6s,mb3.7 | MLR | MLR | |
| ZALV | comp=Z,102nm,18.7s,MS3.8 | MLR | MLR | |
| ZALV | Zalesovo Beam | 42.87 306 | P Pn | 14 32 21.0 -1.5 |
| ZALV | comp=Z,1.0nm,0.6s,mb3. | | | |

| | | | | | | | | | |
|-------|--|-------|---------|------|------|--|--|--|--|
| YAK | comp=Z,9.0nm,1.0s,mb4.5 | | pmax | pmax | | | | | |
| SEY | comp=N,3.0nm,1.0s | | | | | | | | |
| GTA | Geotchan | 39.23 | 711/P | | | | | | |
| GTA | Saymat | 39.27 | 373/303 | | | | | | |
| GTA | | | pP | pP | | | | | |
| GTA | | | sP | sP | | | | | |
| GTA | | | PP | PP | | | | | |
| GTA | | | S | S | | | | | |
| GTA | comp=Z,4.0nm,1.8s,mb3.9 | | | pmax | pmax | | | | |
| GTA | comp=Z,1.30nm,6.0s | | | | | | | | |
| GTA | comp=N,1.40nm,15.6s,MS4.1 | | | LR | LR | | | | |
| GTA | comp=E,1.60nm,16.5s,MS4.1 | | | LR | LR | | | | |
| GTA | comp=Z,2.00nm,15.0s,MS4.1 | | | LR | LR | | | | |
| TLY | Talaya | 40.62 | 323 | eP | P | | | | |
| TLY | | | | pmax | pmax | | | | |
| TLY | comp=Z,3.0nm,0.7s,mb4.0 | | | | | | | | |
| TLY | comp=Z,2.13nm,19.0s,MS4.0 | | | MLR | MLR | | | | |
| CHTO | Chiang Mai | 41.15 | 271 | eP | P | | | | |
| CHTO | | | | pmax | pmax | | | | |
| CHTO | comp=Z,6.0nm,1.0s,mb4.2 | | | | | | | | |
| CHTO | Chiang Mai | 41.15 | 271 | eP | P | | | | |
| CMAR | comp=Z,5.1nm,1.0s,mb4.2 | | | | | | | | |
| CMAR | Chiang Mai Arr | 41.24 | 271 | eP | P | | | | |
| CMAR | Chiang Mai Arr | 41.24 | 271 | eP | P | | | | |
| CMAR | comp=Z,3.2nm,0.6s,mb4.1,baz=58,slow=7.7,SNR=17 | | | LR | LR | | | | |
| CMAR | comp=Z,1.98nm,19.3s,MS4.0,baz=114,slow=36 | | | LR | LR | | | | |
| CTA | Charters Tower | 44.14 | 176 | eP | P | | | | |
| CTA | Charters Tower | 44.14 | 176 | eP | P | | | | |
| CTA | comp=Z,8.0nm,0.6s,mb4.6 | | | pmax | pmax | | | | |
| CTA | Charters Tower | 44.14 | 176 | eP | P | | | | |
| CTA | comp=Z,7.9nm,0.6s,mb4.6 | | | | | | | | |
| WRAB | Tennant Creek | 44.66 | 192 | eP | P | | | | |
| WRAB | | | | pmax | pmax | | | | |
| WRAB | comp=Z,1.5nm,0.5s,mb5.1 | | | | | | | | |
| WRAB | Tennant Creek | 44.66 | 192 | eP | P | | | | |
| WRAB | comp=Z,1.5nm,0.5s,mb5.1 | | | | | | | | |
| FITZ | Fitzroy | 45.30 | 203 | eP | P | | | | |
| FITZ | comp=Z,4.4nm,0.9s,mb4.5 | | | | | | | | |
| BILL | Bilibino | 46.12 | 12 | eP | P | | | | |
| BILL | | | | | | | | | |
| BILL | comp=Z,9.0nm,1.2s,mb4.6 | | | MLR | MLR | | | | |
| BILL | comp=Z,1.00nm,16.0s,MS3.9 | | | | | | | | |
| BILL | Bilibino | 46.12 | 12 | eP | P | | | | |
| BILL | comp=Z,1.2nm,1.3s,mb4.7 | | | | | | | | |
| TIXI | Tiksi | 48.14 | 354 | eP | P | | | | |
| TIXI | | | | pmax | pmax | | | | |
| TIXI | comp=Z,1.0nm,1.5s,mb4.6 | | | | | | | | |
| TIXI | Tiksi | 48.14 | 354 | eP | P | | | | |
| TIXI | comp=Z,4.4nm,0.8s,mb4.3 | | | | | | | | |
| ASAR | Alice Springs | 51.38 | 191 | eP | P | | | | |
| ASAR | Urumqi | 48.84 | 308 | eP | P | | | | |
| ASAR | comp=Z,1.0nm,0.4s,mb4.2,baz=11,slow=6.8,SNR=56 | | | | | | | | |
| WMQ | | | | | | | | | |
| WMQ | | | | | | | | | |
| WMQ | | | | | | | | | |
| WMQ | | | | | | | | | |
| WMQ | comp=Z,1.6nm,1.0s,mb5.0 | | | pmax | pmax | | | | |
| WMQ | comp=Z,1.70nm,4.8s | | | LR | LR | | | | |
| WMQ | comp=N,1.20nm,21.5s | | | LR | LR | | | | |
| WMQ | comp=Z,1.30nm,17.0s,MS4.0 | | | LR | LR | | | | |
| ZAO | Zalesovo Array | 52.12 | 321 | eP | P | | | | |
| ZAO | | | | | | | | | |
| ZALV | Zalesovo Beam | 52.12 | 321 | eP | P | | | | |
| ZALV | comp=Z,1.7nm,0.3s,mb4.4,baz=99,slow=7.0,SNR=12 | | | PCp | PCp | | | | |
| ZALV | comp=Z,2.4nm,0.6s,baz=100,slow=12,SNR=5.4 | | | LR | LR | | | | |
| ZALV | comp=Z,2.8nm,19.2s,MS3.8,baz=249,slow=38 | | | LR | LR | | | | |
| ZALV | Zalesovo Beam | 52.12 | 321 | eP | P | | | | |
| ZALV | | | | | | | | | |
| MK31 | Makanchi Array | 52.86 | 311 | eP | P | | | | |
| MK31 | Makanchi Array | 52.86 | 311 | eP | P | | | | |
| MK31 | comp=Z,3.3nm,0.5s,mb4.5,baz=88,slow=8.7,SNR=26 | | | LR | LR | | | | |
| MKAR | comp=Z,1.15nm,18.3s,MS4.0,baz=133,slow=38 | | | LR | LR | | | | |
| MKAR | Makanchi Array | 52.86 | 311 | eP | P | | | | |
| MKAR | | | | | | | | | |
| KURK | Kurchatov | 55.50 | 316 | iP | P | | | | |
| KURK | | | | pmax | pmax | | | | |
| KURK | comp=Z,9.0nm,1.2s,mb4.7 | | | | | | | | |
| KURK | Kurchatov | 55.50 | 316 | eP | P | | | | |
| KURK | comp=Z,5.9nm,0.6s,mb4.8 | | | | | | | | |
| STKA | Stephens Creek | 55.78 | 181 | eP | P | | | | |
| STKA | | | | | | | | | |
| STKA | comp=Z,5.2nm,0.8s,mb4.6,baz=326,slow=9.9,SNR=6.9 | | | | | | | | |
| KDAK | Kodiak Island | 56.29 | 36 | eP | P | | | | |
| KDAK | comp=Z,4.4nm,0.8s,mb4.6,baz=218,slow=24,SNR=4.1 | | | | | | | | |
| AAK | Ala-Archa | 58.48 | 306 | iP | P | | | | |
| AAK | | | | pmax | pmax | | | | |
| UCH | Uchter | 58.50 | 306 | eP | P | | | | |
| UCH | | | | pmax | pmax | | | | |
| UCH | comp=Z,6.0nm,1.1s,mb4.5 | | | | | | | | |
| UCH | Uchter | 58.50 | 306 | eP | P | | | | |
| UCH | comp=Z,6.2nm,1.1s,mb4.5 | | | | | | | | |
| AML | Almayashu | 59.12 | 306 | eP | P | | | | |
| AML | | | | pmax | pmax | | | | |
| AML | comp=Z,3.0nm,0.9s,mb4.3 | | | | | | | | |
| AML | Almayashu | 59.12 | 306 | eP | P | | | | |
| AML | comp=Z,3.4nm,0.9s,mb4.4 | | | | | | | | |
| ILAR | Eielson Array | 59.95 | 28 | eP | P | | | | |
| ILAR | | | | | | | | | |
| ILAR | comp=Z,2.3nm,0.7s,mb4.3,baz=259,slow=5.6,SNR=21 | | | LR | LR | | | | |
| ILAR | comp=Z,2.98nm,18.1s,MS4.0,baz=301,slow=39 | | | LR | LR | | | | |
| BVAR | Borovyoye Array | 60.63 | 319 | eP | P | | | | |
| BVAR | | | | | | | | | |
| BVAR | comp=Z,5.4nm,0.5s,mb5.0,baz=86,slow=7.0,SNR=43 | | | PCp | PCp | | | | |
| BVAR | comp=Z,3.8nm,0.8s,baz=90,slow=4.3,SNR=4.5 | | | | | | | | |
| BRVK | Borovyoye | 60.70 | 319 | iP | P | | | | |
| BRVK | | | | pmax | pmax | | | | |
| BRVK | comp=Z,1.4nm,1.2s,mb5.0 | | | | | | | | |
| BRVK | Borovyoye | 60.70 | 319 | eP | P | | | | |
| BRVK | comp=Z,1.2nm,1.1s,mb4.9 | | | | | | | | |
| DAWY | Dawson | 63.14 | 29 | eP | P | | | | |
| DAWY | | | | | | | | | |
| ARU | Arti | 67.12 | 323 | iP | P | | | | |
| ARU | | | | | | | | | |
| ARU | comp=Z,2.0nm,1.2s,mb5.0 | | | | | | | | |
| ARU | Arti | 67.12 | 323 | eP | P | | | | |
| ARU | comp=Z,1.1nm,0.6s,mb4.1 | | | | | | | | |
| ARU | | | | | | | | | |
| ARU | comp=Z,2.00nm,15.0s,MS4.5 | | | MLR | MLR | | | | |
| JCW | Jim Creek | 75.63 | 43 | eP | P | | | | |
| JCW | | | | | | | | | |
| JCW | comp=Z,1.7nm,1.0s,mb4.9 | | | | | | | | |
| KEV | Kevo | 75.92 | 341 | eP | P | | | | |
| KEV | | | | pmax | pmax | | | | |
| KEV | comp=Z,9.0nm,1.0s,mb4.7 | | | | | | | | |
| KEV | Kevo | 75.92 | 341 | eP | P | | | | |
| KEV | comp=Z,9.0nm,1.0s,mb4.7 | | | | | | | | |
| ARCES | ARCES Array | 76.48 | 341 | eP | P | | | | |
| ARCES | | | | | | | | | |
| ARCES | comp=Z,2.3nm,0.8s,mb4.3,baz=291,slow=8.4,SNR=29 | | | LR | LR | | | | |
| ARCES | comp=Z,2.3nm,0.8s,mb4.3,baz=291,slow=8.4,SNR=29 | | | LR | LR | | | | |
| AREO | AREO Array | 76.48 | 341 | eP | P | | | | |
| AREO | | | | | | | | | |
| AREO | comp=Z,1.57nm,18.2s,MS4.4,baz=97,slow=39 | | | LR | LR | | | | |
| VRHR | Novokhopersk | 78.28 | 321 | eP | P | | | | |
| VRHR | | | | pmax | pmax | | | | |
| VRHR | comp=Z,5.0nm,0.3s,mb4.9 | | | | | | | | |
| VRHR | comp=N,6.0nm,0.5s | | | | | | | | |

| | | | | | | | | | |
|------|---|-------|------|------|------|--|--|--|--|
| VRHR | comp=E,10.0nm,0.9s | | pmax | pmax | | | | | |
| NEW | Newport | 78.58 | 42 | eP | P | | | | |
| NEW | | | | | | | | | |
| NEW | comp=Z,1.1nm,1.0s | | | pmax | pmax | | | | |
| NEW | Newport | 78.58 | 42 | eP | P | | | | |
| NEW | | | | | | | | | |
| EDM | Edmonton | 78.72 | 37 | eP | P | | | | |
| EDM | | | | | | | | | |
| OBN | Obninsk | 79.29 | 326 | iP | P | | | | |
| OBN | | | | | | | | | |
| OBN | comp=Z,3.9nm,0.9s,mb4.3 | | | | | | | | |
| OBN | | | | | | | | | |
| OBN | comp=Z,2.8nm,1.9s,mb4.9 | | | pmax | pmax | | | | |
| OBN | comp=Z,2.00nm,17.0s,MS4.5 | | | MLR | MLR | | | | |
| VSR | Storozhevoye | 79.61 | 322 | eP | P | | | | |
| VSR | | | | | | | | | |
| VSR | comp=Z,6.0nm,0.3s,mb5.0 | | | pmax | pmax | | | | |
| VSR | comp=N,7.0nm,1.0s | | | pmax | pmax | | | | |
| VSR | comp=E,10.0nm,1.0s | | | pmax | pmax | | | | |
| VORD | Divnogore | 79.65 | 321 | eP | P | | | | |
| VORD | | | | | | | | | |
| VORD | comp=N,10.0nm,0.6s | | | pmax | pmax | | | | |
| VORD | comp=E,5.0nm,0.6s | | | pmax | pmax | | | | |
| VORD | comp=Z,10.0nm,0.6s,mb4.9 | | | pmax | pmax | | | | |
| BMO | Blue Mountains | 79.84 | 45 | eP | P | | | | |
| BMO | | | | | | | | | |
| BMO | comp=Z,4.0nm,0.9s,mb4.3 | | | pmax | pmax | | | | |
| BMO | Blue Mountains | 79.84 | 45 | eP | P | | | | |
| BMO | | | | | | | | | |
| WVOR | Wild Horse Val | 79.92 | 48 | eP | P | | | | |
| WVOR | | | | | | | | | |
| WVOR | comp=Z,8.0nm,1.0s,mb4.6 | | | pmax | pmax | | | | |
| WVOR | Wild Horse Val | 79.92 | 48 | eP | P | | | | |
| WVOR | comp=Z,1.6nm,1.0s,mb4.9 | | | | | | | | |
| BSMT | Bassoo Peak | 80.18 | 42 | eP | P | | | | |
| BSMT | | | | | | | | | |
| BSMT | comp=Z,5.7nm,0.5s,mb4.8,baz=56,slow=4.9 | | | | | | | | |
| WALA | Waterton Lakes | 80.19 | 41 | eP | P | | | | |
| WALA | | | | | | | | | |
| KAF | Kangasniemi | 80.36 | 335 | eP | P | | | | |
| KAF | | | | | | | | | |
| KAF | comp=Z,6.0nm,0.5s,mb4.8 | | | pmax | pmax | | | | |
| KAF | Kangasniemi | 80.36 | 335 | eP | P | | | | |
| KAF | | | | | | | | | |
| KAF | comp=Z,5.7nm,0.5s,mb4.8,baz=56,slow=4.9 | | | | | | | | |
| CMB | Columbia Colle | 80.43 | 53 | eP | P | | | | |
| CMB | | | | | | | | | |
| CMB | comp=Z,1.4nm,1.2s,mb4.8 | | | pmax | pmax | | | | |
| CMB | Columbia Colle | 80.43 | 53 | eP | P | | | | |
| CMB | | | | | | | | | |
| CMB | comp=Z,1.4nm,1.2s,mb4.8 | | | | | | | | |
| JTMT | Jette | 80.53 | 42 | eP | P | | | | |
| JTMT | | | | | | | | | |
| JTMT | comp=Z,1.6nm,1.0s,mb4.9 | | | pmax | pmax | | | | |
| JTMT | FINES | | | | | | | | |

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like HATJ Hatuma jima, CHNS Tsauling, CHNS baz=239, WGK Gukeng, etc.

IDC 18 18:01:29.2:57.0,15:42S:171.97W,h0km,mb3.9/3, mb1.4/1.3,mb1mx3.7/19,mbtmp3.9/3,Error ellipse: s-maj=118.0km s-min=208.0km az=79.0,Samoa Islands region

ISCJJB 18 18:11:04.4:0.4,43.74N:0.03:105.15W:0.05,h0km, mb4.0/3,Error ellipse: s-maj=5.7km s-min=4.4km az=33.0 NEIC 18 18:11:06.6:0.3,43.72N:105.21W,h0km,ML3.2,Error ellipse: s-maj=4.8km s-min=3.9km az=125.0,Suspected Mining explosion.

ISC 18 18:11:06.7:0.3,43.74N:0.03:105.19W:0.05,h0km,n46, c092/48,mb4.0/3,Wyoming

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like STB Steinbach, CLZ Clausthal, KLL Kalltalsperre, etc.

ISCJJB 18 17:52:16.5:0.6,50.12N:0.03:18.41E:0.03,h0km,Error ellipse: s-maj=4.7km s-min=2.8km az=4.8 IPEC 18 17:52:17.2:0.2,50.07N:18.53E,h1km,2km,ML1.7/4, Error ellipse: s-maj=2.1km s-min=1.1km az=161.0 PRU 18 17:52:18.7:0.5,50.07N:18.42E,h0km CSEM 18 17:52:18.1:0.3,50.07N:18.42E,h1km,ML2.5/7,Error ellipse: s-maj=5.5km s-min=3.0km az=15.0 WAR 18 17:52:18.6:5.0,50.06N:18.43E ISC 18 17:52:17.7:0.6,50.10N:0.03:18.43E:0.03,h0km,n26, c119/45,Poland

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

ISCJJB 18 18:12:38.9:0.4,52.15N:0.03:7.69E:0.03,h0km,Error ellipse: s-maj=4.0km s-min=2.0km az=150.5 CSEM 18 18:12:39.4:0.2,52.25N:7.63E,h2km,ML3.6/19,Error ellipse: s-maj=5.0km s-min=2.3km az=152.0 LDG 18 18:12:39.4:0.1,52.33N:7.81E,h1km,ML3.4/21,Error ellipse: s-maj=3.2km s-min=1.8km az=143.0,Suspected Mining induced. STR 18 18:12:39.8:0.4,52.35N:7.66E,h10km,ML3.4,Error ellipse: s-maj=0.0km s-min=0.0km az=0.0 NEIC 18 18:12:39.6:5.2:33N:7.66E,h5km,ML3.4(STR), ML3.4(LDG),After STR. BUG 18 18:12:40.1,52.33N:7.70E,h1km,ML3.3 BNS 18 18:12:40.9:0.4,52.32N:7.71E,h1km,ML3.2,Felt in Ibbenburen-Bockraden BGR 18 18:12:40.4:0.7,52.30N:7.70E,h1km,ML3.2/17,Error ellipse: s-maj=14.5km s-min=4.4km az=133.0 PRU 18 18:12:41.7,52.34N:7.80E,h13km ISC 18 18:12:39.6:0.4,52.23N:0.02:7.65E:0.03,h0km,n139, c112/230,Germany

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like CCUT Cedar City, ULM Lac du Bonnet, LAZ Ladro, WUAZ Wupatki, LENN Lemitar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like KOLL Kolacno, UJC Ujpec, VYHS Vyhne, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like IBBN Ibbenburen, WTSB Winterswijk, WTSB Bochum-Univer, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like WLF Walferdange, GIVF Givet, MOX Moxa, etc.

Table with columns: HOCH, OSCH, PUYE, iS, AML, Sn, Pn, Time, Res. Includes entries for Osorno, Entregalagos.

IDC 18 20:33:04.4.2.5, 15:44'Sx172:57'W, h0km, mb4.6/3, mb1.4.8/3, mb1mx3.9/19, mbtmp3.6/3, Error ellipse: s-maj=86.3km s-min=24.3km az=17.0

Main table for IDC 18 20:33:04.4.2.5, 15:44'Sx172:57'W, h0km, mb4.6/3. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Yate Dam, Mout Dzumac, Noumea, Port Laguerre, Armadale, etc.

IDC 18 20:40:50.1.6.5, 22:24'N:170:59'W, h0km, mb3.8/6, mb1.4.0/7, mb1mx3.7/26, mbtmp3.8/7, ML4.1/1, Error ellipse: s-maj=67.9km s-min=22.1km az=8.0

Main table for IDC 18 20:40:50.1.6.5, 22:24'N:170:59'W, h0km, mb3.8/6. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Atka Island, Unalaska, Akutan, etc.

IDC 18 20:44:23.8.1.0, 24:06'N:143:40'E, h0km, mb3.9/9, mb1.4.0/12, mb1mx3.8/26, mbtmp3.8/12, ML3.5/3, MS2.9/1, Ms1.2/9.1, ms1mx2.5/27, Error ellipse: s-maj=34.3km s-min=17.1km az=83.0

Main table for IDC 18 20:44:23.8.1.0, 24:06'N:143:40'E, h0km, mb3.9/9. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Chichi jima, Guam, Matsushiro, etc.

IDC 18 21:05:35.9.3.2, 7:28'S:105:84'E, h0km, mb3.7/6,

mb1.3.7/6, mb1mx3.6/20, mbtmp3.7/6, Error ellipse: s-maj=146.8km s-min=21.2km az=50.0, NEIC 18 21:05:41.6.0.9, 7:19'S:105:98'E, h35km, mb4.0/4, Error ellipse: s-maj=45.9km s-min=10.5km az=47.0, DJA 18 21:05:42.7.51'S:105:94'E, h11km, ML3.9/11, ISCJB 18 21:05:43.0.1.6, 7:45'S:105:92'E, 0.1, h75km, 1.0km, mb3.7/10, Error ellipse: s-maj=29.7km s-min=1.7km az=30.3

Main table for ISC 18 21:05:44.8.1.8, 7:45'S:106:0'E, 0.1, h68km, 1.1km, n23, r1515/26, mb3.7/10, Jawa. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Sukabumi, Cibinong, Serang, etc.

ISCJB 18 21:35:53.4.0.6, 32:64'N:0:10:136:2'E, 0.1, h461km, 6km, mb3.2/7, Error ellipse: s-maj=18.0km s-min=11.9km

JMA 18 21:35:53.5.0.2, 32:51'N:136:29'E, h453km, 6.3, NEIC 18 21:35:54.2.0.8, 32:64'N:136:14'E, h451km, 1.0km, MG3.4(JMA), Error ellipse: s-maj=21.7km s-min=13.7km az=92.0

IDC 18 21:35:54.1.1.1, 32:64'N:136:18'E, h449km, 15km, mb2.9/7, mb1.3.0/9, mb1mx2.8/27, mbtmp2.8/9, Error ellipse: s-maj=22.4km s-min=14.1km az=84.0, ISC 18 21:35:54.7.0.6, 32:70'N:0:10:136:2'E, 0.1, h455km, 6km, n25, r062/30, mb3.2/7, Southeast of Shikoku

Main table for IDC 18 21:35:54.1.1.1, 32:64'N:136:18'E, h449km, 15km, mb2.9/7. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Kozaga, Miekiotoku, Kuniy, etc.

CSEM 18 21:48:40.0.35:49N-22:76E, h29km, MD2.8, After ATH ATH 18 21:48:40.0.35:49N-22:76E, h29km, 3km, MD2.8/4, Central Mediterranean Sea

Main table for CSEM 18 21:48:40.0.35:49N-22:76E, h29km, MD2.8, After ATH. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Kythira, Karanos, Varnos, etc.

CSEM 18 21:57:14.6.0.2, 44:42'N:15:10'E, h2km, MD3.1/5, Error ellipse: s-maj=6.2km s-min=4.3km az=114.0, ROM 18 21:57:15.2.0.3, 44:46'N:15:2'E, h10km, MD3.1/5, MD2.3/3, Error ellipse: s-maj=5.0km s-min=1.9km az=109.0, ISCJB 18 21:57:16.2.0.6, 44:52'N:0:03:15:29'E, 0.06, h10km, Error ellipse: s-maj=0.6km s-min=4.8km az=150.5, VIE 18 21:57:18.4.0.4, 44:53'N:15:18'E, h10km, 1km, mb2.1/5, ML2.1/5, Error ellipse: s-maj=2.2km s-min=1.9km az=134.0, 100.8km SSW of Karlovac

ISC 18 21:57:14.6.0.2, 44:42'N:15:10'E, h2km, MD3.1/5, Error ellipse: s-maj=6.2km s-min=4.3km az=114.0, ROM 18 21:57:15.2.0.3, 44:46'N:15:2'E, h10km, MD3.1/5, MD2.3/3, Error ellipse: s-maj=5.0km s-min=1.9km az=109.0, ISCJB 18 21:57:16.2.0.6, 44:52'N:0:03:15:29'E, 0.06, h10km, Error ellipse: s-maj=0.6km s-min=4.8km az=150.5, VIE 18 21:57:18.4.0.4, 44:53'N:15:18'E, h10km, 1km, mb2.1/5, ML2.1/5, Error ellipse: s-maj=2.2km s-min=1.9km az=134.0, 100.8km SSW of Karlovac

Main table for ISC 18 21:57:14.6.0.2, 44:42'N:15:10'E, h2km, MD3.1/5. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Novajia, Bojanci, Karanos, etc.

IDC 18 21:05:35.9.3.2, 7:28'S:105:84'E, h0km, mb3.7/6,

Main table for 18d 22h. Columns: PDKS, LDUK, Ljubljana, VOJK, etc. Includes various station codes and times.

JMA 18 22:03:57.4.0.1, 33:52'N:138:50'E, h310km, M3.0, ISCJB 18 22:04:00.4.0.8, 33:77'N:0:1:138:5E:0.1, h284km, 8km, mb3.0/2, Error ellipse: s-maj=17.2km s-min=13.8km az=166.6

IDC 18 22:04:00.8.3.0, 33:51'N:138:23'E, h260km, 77km, mb2.9/3, mb2.2/9/4, mb1mx2.7/26, mbtmp2.8/4, Error ellipse: s-maj=180.0km s-min=23.2km az=62.0, ISC 18 22:04:01.4.0.8, 33:77'N:0:1:138:5E:0.1, h276km, 8km, n16, r091/21, mb3.0/3, Southeast of Honshu

Main table for IDC 18 22:04:00.8.3.0, 33:51'N:138:23'E, h260km, 77km, mb2.9/3. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Ise, Odawara, Yashuok, etc.

IDC 18 22:50:45.0.6, 2:63'S:139:03'E, h0km, mb4.4/12, MB1 4.6/14, mb1mx4.5/18, mbtmp4.5/14, ML4.2/2, MS3.7/6, Ms1.3/7.6, ms1mx3.4/18, Error ellipse: s-maj=29.0km s-min=13.6km az=77.0, BUJ 18 22:50:45.5.2:70'S:138:90'E, h20km, mb5.1/2, mb4.8/9, ISCJB 18 22:50:49.2.1.9, 2:80'S:0:05:138:8E:0.08, h43km, 17km, mb4.6/33, MS3.7/4, Error ellipse: s-maj=14.1km s-min=7.8km az=8.9, NEIC 18 22:50:50.6.1.5, 2:72'S:138:90'E, h40km, 14km, mb4.6/21, Error ellipse: s-maj=11.4km s-min=7.4km az=61.0, ISC 18 22:50:53.0.1.5, 2:89'S:0:06:138:8E:0.08, h64km, 15km, n59, r106/51, mb4.6/33, Irian Jaya

Main table for IDC 18 22:50:45.0.6, 2:63'S:139:03'E, h0km, mb4.4/12. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Kakadu, Coen, Gumbo, etc.

IDC 18 21:05:35.9.3.2, 7:28'S:105:84'E, h0km, mb3.7/6,

TXAR Lajitas Array 85.09 309 P P 23 06 44.8 +3.3

comp=2.0,6nm,1.0s,mb3.7,baz=57,slow=3.3,SNR=4.9

DJA 18:22:55:07.2,05N:127.26E,h25km,MLV4.9/5
ISCBJ 18:22:55:08.2,0.7,1.89N:0.04:127.14E:0.07,h70km,6km,
mb4.3/24,Error ellipse: s-maj=12.0km s-min=6.4km
az=161.5

IDC 18:22:55:10.5,0.7,1.79N:127.09E,h76km,5km,mb3.9/15,
mb4.0/17,mb1mx3.9/24,mbtmp3.9/17,MS3.7/2
Ms1 3.8/2,ms1mx2.9/21,Error ellipse: s-maj=29.1km
s-min=11.1km az=78.0

NEIC 18:22:55:10.4,0.3,1.80N:127.11E,mb4.5/8,Error ellipse:
s-maj=10.1km s-min=5.9km az=75.0
ISC 18:22:55:09.5,0.7,1.87N:0.04:127.15E:0.07,h66km,6km,
h78km,1.3km:pp-P,n49,r1503/47,mb4.3/24,1C,

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Ternate, Manado, Sangihe, Labuha, General Santos, Namlea, etc.

PRE 18:22:57:37.0,4.26:29S:27.73E,h2km,ML2.7,South Africa

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like east rand prop, Parys, Silvertown, etc.

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

Bul 18:23:30:20.9,37.63N-87.13E,h19km,ML3.5/4,Southern Xinjiang

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

IDC 18:23:43:31.6:1.1,13.84N:89.00W,h0km,mb3.9/5, mb1.4/0.7,mb1mx3.7/21,mbtmp3.8/7,ML3.3/2,MS3.0/1,

ISC 18:23:43:38.3:0.9,13.4N:0.1:89.83W,h0.05,h60km,8km,n35, s1714/22,mb4.0/5,2C-5D,EI Salvador

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Boquero, Serv Nac Est T, Robledal, etc.

ISCJB 18:23:48:50.7:0.4,39.67S:0.04:71.84W:0.09,h126km,5km, mb4.0/5,Error ellipse: s-maj=11.2km s-min=6.2km az=2.1

GUC 18:23:48:51.7:0.6,39.67S:72.24W,h138km,6km,ML4.6

IDC 18:23:48:51.3:2.3,39.59S:71.77W,h15km,16km,mb3.9/5, mb1.3/8,mb1mx3.7/16,mbtmp3.8/8,Error ellipse: s-maj=39.8km s-min=14.3km az=92.0

NEIC 2:48:51.7,39.67S:72.24W,h138km,mb3.9/1,After GUC

ISC 18:23:48:51.7:0.4,39.67S:0.04:71.84W:0.09,h122km,5km, n29,r093/35,mb4.0/5,7C-4D,Southern Chile-Argentina border region

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Isla Las Cabra, Chillan, Cobquecura, etc.

ISCJB 19:00:15:04.2,0.3,38.23N:0.02:75.11E:0.06,h141km,7km, mb4.0/7,Error ellipse: s-maj=8.3km s-min=3.9km az=171.0

Bul 19:00:15:05.7,38.26N:74.94E,h116km,mb4.3/1

NEIC 19:00:15:05.7:1.0,38.23N:75.03E,h135km,6km,mb4.0/4, Error ellipse: s-maj=14.7km s-min=7.3km az=133.0

IDC 19:00:15:08.0:1.7,38.47N:74.89E,h133km,4.7km,mb3.7/4, mb1.3/6,mb1mx3.3/27,mbtmp3.5/9,Error ellipse: s-maj=62.0km s-min=42.3km az=3.0

NNC 19:00:15:10.4,4.5,38.80N:73.99E,h0km,mb4.1,mpv3.6, Error ellipse: s-maj=53.1km s-min=34.4km az=55.0

ISC 19:00:15:04.9:0.3,38.21N:0.02:75.09E:0.06,h131km,6km, n54,r133/71,mb4.0/7,2C-2D,Southern Xinjiang

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

Table with columns for location (e.g., XAN, CAUP, ABRA, etc.), time (e.g., 27.29 227, 27.40 230), and status (e.g., LR, P, M). Includes sub-headers like 'comp=Z, 65µm, 26.2s'.

Table with columns for location (e.g., QIZ, QIZ, QIZ, etc.), time (e.g., 02 45 12.3 +0.4, 02 45 12.9 +0.1), and status (e.g., LR, P, M). Includes sub-headers like 'comp=Z, 130nm, 1.8s, mb5.6'.

Table with columns for location (e.g., LSA, LSA, LSA, etc.), time (e.g., 42 83 275 //P, 42 83 275 //P), and status (e.g., P, M, LR). Includes sub-headers like 'comp=Z, 260µm, 20.4s'.

Table with columns for station code, name, frequency, power, and time. Includes stations like Eielson Array, Alma-Ata, Borovoye Array, etc.

Table with columns for station code, name, frequency, power, and time. Includes stations like Banyuwangi, Negara, Denpasar, etc.

Table with columns for station code, name, frequency, power, and time. Includes stations like Charters Tower, Fitzroy Crossi, Fityz Crossi, etc.

| | | | | | | |
|-------|-----------------|-------|-----|----|------|-----------------|
| JTMT | Jette | 71.16 | 44 | eP | P | 02 50 46.9 +1.3 |
| E12A | Beaver Dam Sad | 71.21 | 46 | ↑P | P | 02 50 45.6 -0.2 |
| J08A | Circle Bar Ran | 71.23 | 49 | ↑P | P | 02 50 45.5 -0.6 |
| KEH | Kehvi | 71.24 | 309 | P | P | 02 50 44.7 -1.5 |
| YBMT | Yellow Bay | 71.25 | 44 | eP | P | 02 50 44.7 +1.6 |
| A15A | Johnson Ranch, | 71.29 | 42 | ↑P | P | 02 50 45.8 -0.5 |
| GOR | Gori | 71.31 | 309 | P | P | 02 50 47.1 +0.5 |
| MCCM | Marconi Confer | 71.33 | 56 | eP | P | 02 50 47.1 +0.3 |
| MCCM | | | | | LR | |
| B14A | Marquette Ranch | 71.36 | 43 | ↑P | P | 02 50 46.3 -0.4 |
| ONI | Oni | 71.38 | 310 | P | P | 02 50 47.7 +0.8 |
| ONI | | | | S | S | 03 00 08.8 +5.7 |
| D13A | Huson | 71.44 | 45 | ↓P | P | 02 50 47.0 -0.3 |
| C14A | Swan Lake | 71.45 | 44 | ↓P | P | 02 50 47.2 -0.1 |
| SWMT | Swartz Lake | 71.46 | 44 | eP | P | 02 50 47.9 +0.5 |
| WBK | Wadi Bani Khal | 71.47 | 285 | P | P | 02 50 48.6 +0.8 |
| RIV | Riverview | 71.49 | 172 | eP | P | 02 50 51.7 +4.2 |
| WVOR | Wild Horse Val | 71.65 | 50 | eP | P | 02 50 49.5 +0.9 |
| WVOR | | | | | pmax | |
| SCO | Scoresbysund | 71.67 | 354 | ↑P | P | 02 50 48.6 +0.3 |
| SCO | | | | | pmax | |
| SCO | Scoresbysund | 71.67 | 354 | ↑P | P | 02 50 48.6 +0.3 |
| SCO | | | | S | S | 03 00 06.5 +0.8 |
| SCO | | | | S | S | 03 00 06.5 +0.8 |
| BANOM | Banah | 71.68 | 289 | P | P | 02 50 49.7 +0.6 |
| F12A | Elk City | 71.77 | 46 | ↓P | P | 02 50 48.4 -0.8 |
| B15A | Bradley Ranch, | 71.77 | 43 | ↓P | P | 02 50 49.0 -0.2 |
| I10A | Payette | 71.82 | 48 | ↑P | P | 02 50 49.8 +0.2 |
| M50 | Missoula | 71.89 | 45 | eP | P | 02 50 51.0 +1.1 |
| M50 | | | | | LR | |
| SLMT | Seelye Lake | 71.89 | 44 | eP | P | 02 50 50.1 +0.2 |
| A16A | West Butte Ran | 71.91 | 42 | ↑P | P | 02 50 49.7 -0.3 |
| SMD0 | Samad | 71.93 | 285 | P | P | 02 50 51.5 +1.0 |
| GNI | Garni | 71.94 | 307 | eP | P | 02 50 51.7 +1.3 |
| GNI | Garni | 71.94 | 307 | eP | P | 02 50 51.7 +1.1 |
| GNI | | | | | pmax | |
| GNI | | | | | MLR | |
| GNI | | | | | MLR | |
| GNI | Garni | 71.94 | 307 | ↑P | P | 02 50 51.2 +0.8 |
| GNI | | | | | LR | |
| GNI | | | | | LR | |
| GNI | Garni | 71.94 | 307 | P | P | 02 50 51.6 +1.2 |
| E13A | Victor | 71.97 | 45 | ↑P | P | 02 50 49.6 -0.8 |
| D14A | Greenough | 71.98 | 44 | ↓P | P | 02 50 49.7 -0.8 |
| C15A | Salmond Ranch, | 72.06 | 43 | ↑P | P | 02 50 51.0 0.0 |
| G12A | Big Creek, Yel | 72.09 | 47 | ↓P | P | 02 50 50.7 -0.5 |
| B16A | M & M Farms, S | 72.12 | 47 | ↓P | P | 02 50 51.0 -0.6 |
| HOQ | Hoqain | 72.20 | 286 | P | P | 02 50 52.4 +0.1 |
| CHMT | Chamberlain Mo | 72.22 | 44 | eP | P | 02 50 52.0 +0.1 |
| J10A | Berg Farm, Mel | 72.22 | 49 | ↓P | P | 02 50 51.6 -0.4 |
| JMDO | Jabal Madar | 72.27 | 285 | P | P | 02 50 52.8 +0.2 |
| F13A | Darby | 72.27 | 46 | ↓P | P | 02 50 51.7 -0.6 |
| IZAR | Zarasai | 72.34 | 328 | eP | P | 02 50 52.8 +0.4 |
| IZAR | | | | | AMB | |
| E14A | Clinton | 72.38 | 45 | ↑P | P | 02 50 52.6 -0.3 |
| A17A | Triple J Farms | 72.39 | 41 | ↓P | P | 02 50 52.6 -0.3 |
| HATD | Hatta, Dubai | 72.41 | 288 | P | P | 02 50 53.9 +0.4 |
| IDID | Didziasali | 72.42 | 327 | eP | P | 02 50 53.3 +0.4 |
| IDID | | | | | AMB | |
| I11A | Placerville | 72.42 | 48 | ↑P | P | 02 50 52.7 -0.5 |
| M1CM | Milnsk | 72.45 | 326 | ↑P | P | 02 50 52.0 -1.2 |
| KLBR | Kellerberrin | 72.47 | 202 | eP | P | 02 50 52.3 -1.2 |
| C16A | Fuhringer Ranch | 72.52 | 43 | ↑P | P | 02 50 53.4 -0.3 |
| K10A | MacKenzie Ran | 72.53 | 49 | ↓P | P | 02 50 54.0 +0.2 |
| ASHO | Ashiyah | 72.55 | 288 | P | P | 02 50 54.6 +0.3 |
| D15A | Lincoln | 72.55 | 44 | ↓P | P | 02 50 53.8 -0.1 |
| IIGN | Ignalina | 72.61 | 327 | eP | P | 02 50 54.6 +0.5 |
| IIGN | | | | | AMB | |
| DIGO | Kars | 72.65 | 308 | iP | P | 02 50 55.2 +0.5 |
| NACGM | Narcoc | 72.67 | 327 | eP | P | 02 50 52.0 -2.5 |
| NAZ | Nawza, Dubai | 72.68 | 288 | P | P | 02 50 55.1 +0.1 |
| H2N | Diamond D Ranc | 72.70 | 47 | ↑P | P | 02 50 54.4 -0.4 |
| W1C1A | Washoe City | 72.72 | 54 | ↑P | P | 02 50 55.1 0.0 |
| KARS | Kars | 72.72 | 308 | eP | P | 02 50 56.4 +1.4 |
| B17A | L&G Farms, Che | 72.73 | 42 | ↑P | P | 02 50 54.7 -0.3 |
| G13A | Cobalt | 72.74 | 46 | ↓P | P | 02 50 54.3 -0.7 |
| BSY | Bisya | 72.75 | 286 | P | P | 02 50 55.4 -0.1 |
| CAN | Canberra | 72.77 | 174 | eP | P | 02 50 56.0 +0.9 |
| CAN | | | | | pmax | |
| CAN | Canberra | 72.77 | 174 | eP | P | 02 50 56.0 +0.9 |
| MFID | Camas Ranch | 72.79 | 48 | ↓P | P | 02 50 55.2 -0.2 |
| CNB | Canberra Magne | 72.79 | 174 | eP | P | 02 50 54.8 -0.4 |
| CNB | | | | | eS | 02 59 55.5 -2.4 |
| F14A | Wisdom | 72.80 | 45 | ↑P | P | 02 50 55.8 +0.1 |
| E15A | Deer Lodge | 72.85 | 44 | ↑P | P | 02 50 55.3 -0.3 |
| A18A | Metzger Ranch, | 72.85 | 41 | ↑P | P | 02 50 55.0 -0.6 |
| FFC | Flin Flon | 72.92 | 33 | P | P | 02 50 55.6 -0.3 |
| FFC | Flin Flon | 72.92 | 33 | iP | P | 02 50 55.5 -0.4 |
| FFC | Flin Flon | 72.92 | 33 | ↑P | P | 02 50 55.4 -0.6 |
| FFC | | | | | LR | |
| ARQ | Araqi | 72.94 | 287 | P | P | 02 50 57.0 +0.4 |
| DYDN | Diyadin | 72.95 | 307 | iP | P | 02 50 57.2 +0.8 |
| I12A | Atlanta | 72.98 | 48 | ↑P | P | 02 50 56.3 -0.2 |
| CMB | Columbia Colle | 73.03 | 55 | eP | P | 02 50 57.1 +0.2 |
| CMB | | | | | pmax | |
| CMB | | | | | pmax | |
| CMB | | | | | MLR | |
| CMB | | | | | MLR | |
| CMB | Columbia Colle | 73.03 | 55 | eP | P | 02 50 57.1 +0.2 |

| | | | | | | |
|------|--------------------------|-------|-----|----|------|-----------------|
| CMB | comp-Z,228nm,1.2s,mb6.0 | | | LR | LR | |
| CLDR | comp-Z,269nm,22.0s,MS6.9 | | | LR | LR | |
| H13A | Caldiran | 73.03 | 306 | eP | P | 02 50 58.2 +1.3 |
| H13A | Chal | 73.04 | 47 | ↑P | P | 02 50 56.1 -0.7 |
| K11A | Parker Ranch, | 73.04 | 49 | ↓P | P | 02 50 56.7 -0.1 |
| SAO | San Andreas Ge | 73.05 | 57 | eP | P | 02 50 59.1 +2.0 |
| SAO | | | | | LR | |
| SOC | Sochi | 73.06 | 312 | eP | P | 02 50 57.0 0.0 |
| SOC | | | | | ePPP | 02 51 05.8 -0.1 |
| SOC | | | | | e | 02 51 12.4 |
| SOC | | | | | e | 02 53 41.7 |
| SOC | | | | | ePPP | 02 55 25.8 |
| SOC | | | | | eS | 03 00 21.1 -1.2 |
| SOC | | | | | e | 03 01 00.6 |
| SOC | | | | | pmax | |
| SOC | | | | | pmax | |
| SOC | | | | | MLR | |
| D16A | Dana Ranch, Cha | 73.09 | 43 | ↑P | P | 02 50 57.0 0.0 |
| ARTV | Arvin | 73.11 | 309 | iP | P | 02 50 58.0 +0.7 |
| HRV | Hotter Researc | 73.12 | 44 | eP | P | 02 50 57.9 +0.6 |
| ASUD | Aj Ashudh, Dub | 73.13 | 288 | P | P | 02 50 58.1 +0.4 |
| C17A | Wharram Farm, | 73.15 | 43 | ↓P | P | 02 50 56.9 -0.5 |
| BCA | Borka | 73.15 | 309 | eP | P | 02 50 58.1 +0.5 |
| L10A | Juniper Basin | 73.18 | 50 | ↑P | P | 02 50 57.3 -0.4 |
| DBOC | Borka | 73.18 | 309 | iP | P | 02 50 58.0 +0.3 |
| DAGI | Agillar | 73.19 | 309 | iP | P | 02 50 58.5 +0.7 |
| B18A | Beardsley Farm | 73.21 | 41 | ↓P | P | 02 50 57.2 -0.6 |
| FCC | Fort Churchill | 73.25 | 27 | ↑P | P | 02 50 56.8 -1.0 |
| F15A | Butte | 73.27 | 45 | ↑P | P | 02 50 58.1 -0.1 |
| LRM | Limekiln Ridge | 73.31 | 45 | eP | P | 02 50 58.7 +0.2 |
| J12A | Stokes Ranch, | 73.31 | 48 | ↑P | P | 02 50 58.8 +0.3 |
| E16A | East Helena | 73.32 | 44 | ↑P | P | 02 50 58.4 -0.1 |
| AGRB | Hannu Agry | 73.37 | 307 | eP | P | 02 51 00.3 +1.4 |
| DDEM | Demirek | 73.39 | 309 | iP | P | 02 50 59.7 +0.7 |
| EGMT | Eagleton | 73.45 | 42 | ↑P | P | 02 50 58.9 -0.3 |
| M10A | L.L. Ranch, Tu | 73.46 | 50 | ↑P | P | 02 50 59.3 -0.1 |
| D17A | Six Diamond Ra | 73.48 | 43 | ↑P | P | 02 50 59.3 -0.1 |
| I13A | Wildhorse Cree | 73.50 | 47 | ↑P | P | 02 50 59.8 +0.3 |
| DLMT | Dillon | 73.51 | 45 | eP | P | 02 50 59.6 0.0 |
| H14A | Lead | 73.52 | 46 | ↑P | P | 02 50 59.3 -0.3 |
| HLID | Hailey | 73.53 | 48 | ↑P | P | 02 51 00.4 +0.6 |
| HLID | Hailey | 73.53 | 48 | eP | P | 02 51 00.1 +0.3 |
| HLID | | | | | LR | |
| L11A | Cat Creek Ranc | 73.56 | 49 | ↑P | P | 02 50 59.9 0.0 |
| TUTA | Tutak | 73.59 | 307 | iP | P | 02 51 01.7 +1.6 |
| ANN | Anapa | 73.66 | 314 | ↑P | P | 02 51 00.1 -0.4 |
| ANN | | | | | e | 02 53 43.6 |
| ANN | | | | | iPPP | 02 55 29.2 |
| ANN | | | | | iS | 03 00 29.1 0.0 |
| ANN | | | | | eS | 03 05 10.5 -1.3 |
| ANN | | | | | pmax | |
| ANN | | | | | MLR | |
| ANN | | | | | MLR | |
| ANN | Anapa | 73.67 | 314 | ↑P | P | 02 51 00.0 -0.5 |
| BMN | Battle Mountai | 73.67 | 51 | eP | P | 02 51 01.7 +1.1 |
| BMN | | | | | pmax | |
| BMN | | | | | MLR | |
| BMN | | | | | MLR | |
| YANB | Van | 73.68 | 306 | eP | P | 02 51 01.5 +0.7 |
| MCMT | McKenzie Canyo | 73.69 | 46 | eP | P | 02 51 01.2 +0.5 |
| G15A | Dillon | 73.69 | 45 | ↓P | P | 02 51 00.4 -0.3 |
| PZAR | Pazar-Rize | 73.75 | 310 | eP | P | 02 51 01.9 +0.8 |
| J13A | Cove Ranch, Pi | 73.77 | 48 | ↓P | P | 02 51 01.4 +0.2 |
| K12A | Draper Farm, C | 73.79 | 49 | ↓P | P | 02 51 01.0 -0.3 |
| F16A | Kennard Place, | 73.80 | 44 | ↑P | P | 02 51 01.0 -0.3 |
| E17A | Martinsdale | 73.81 | 44 | ↑P | P | 02 51 01.3 0.0 |
| MOL | Molde | 73.81 | 340 | ↑P | P | 02 51 01.2 +0.2 |
| MOL | | | | | AMB | 02 51 04.5 |
| MOL | | | | | eS | 03 00 32.2 +2.0 |
| MOL | | | | | eS | 03 05 14.7 +1.6 |
| MOL | | | | | AMS | 02 57 55.8 |
| MOL | | | | | P | 02 51 01.2 +0.2 |
| MOL | | | | | LR | |
| MOL | | | | | LR | |
| I14A | Mackay | 73.88 | 47 | ↑P | P | 02 51 02.3 +0.5 |
| BOZ | Bozeman (W) | 73.88 | 45 | ↓P | P | 02 51 02.1 +0.3 |
| BOZ | Bozeman (W) | 73.88 | 45 | eP | P | 02 51 02.1 +0.3 |
| BOZ | | | | | pmax | |
| BOZ | | | | | MLR | |
| BOZ | | | | | MLR | |
| BOZ | | | | | P | 02 51 02.1 +0.3 |
| BOZ | | | | | LR | |
| BOZ | | | | | LR | |
| NWAO | Narrogin (SRO) | 73.89 | 202 | eP | P | 02 51 02.2 +0.5 |
| NWAO | | | | | pmax | |
| NWAO | | | | | MLR | |
| NWAO | | | | | MLR | |
| NWAO | | | | | LR | |
| NWAO | | | | | LR | |
| HFAO | Hagfors New Ar | 73.90 | 336 | P | P | 02 51 01.0 -0.6 |
| H15A | Lima | 73.93 | 46 | ↑P | P | 02 51 02.2 +0.2 |
| D18A | Linhart Farms, | 73.93 | 42 | ↑P | P | 02 51 02.4 +0.3 |
| N10A | Dunphy | 73.94 | 51 | ↑P | P | 02 51 02.7 +0.4 |
| M11A | Holland Ranch, | 73.97 | 50 | ↑P | P | 02 51 01.7 -0.6 |
| NB2 | NORSAR Subarra | 73.98 | 338 | P | P | 02 51 02.0 0.0 |
| NOA | NORSAR Array B | 73.98 | 338 | P | P | 02 51 01.9 -0.2 |
| NOA | | | | | LR | 03 26 29.4 |
| NOA | | | | | LR | 03 26 29.4 |
| NOA | | | | | P | 02 51 01.9 -0.1 |
| NOA | | | | | pmax | |
| NOA | | | | | MLR | |
| NOA | | | | | MLR | |
| NOA | | | | | P | 02 51 01.9 -0.2 |
| NOA | | | | | LR | 03 26 29.4 |
| NOA | | | | | LR | 03 26 29.4 |
| L12A | House Creek Ra | 74.01 | 49 | ↑P | P | 02 51 03.5 +0.9 |
| G16A | Moss Hill, Enn | 74.03 | 45 | ↓P | P | 02 51 02.5 -0.2 |

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like BINT Binlog, KELT Kelkit, DCIDI Drake Creek, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like DUG Dugway, ELZG Wheeler Ranch, Q13A Wheeler Ranch, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like LVV comp=N,135um,16.0s, MLR, L19A Farson, BZK Bozkurt, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like CLL, MVCO, W17A, ISCO, VRAC, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like W19A, Q24A, X18A, GDZ, TANN, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like LPK, LPK, UBBA, ALN, etc.

Table with columns: CDF, Champ du Feu, 85.52 332, P, 02 52 04.4 -0.4, etc. Lists various locations and their associated data points.

Table with columns: KEK, Kerkira, 86.73 319, P, 02 52 10.5 -0.5, etc. Lists various locations and their associated data points.

Table with columns: SSF, Saint Sault, 88.04 333, P, 02 52 16.5 -0.6, etc. Lists various locations and their associated data points.

19d 2h

| Code | Station Name | ° | ' | ° | ' | Phase ID | Time | Res | ISC | h | m | s | ISC |
|------|---|--------|-----|--------|-------|----------|------------|------|-----|---|---|---|-----|
| LIS | comp=Z,252um,25.5s | | | | | | | | | | | | |
| LIS | Lisbon | 99.67 | 338 | e | Pdfif | | 02 53 10.0 | -0.7 | | | | | |
| LIS | | | | eS | SKSac | | 02 57 14.9 | | | | | | |
| LIS | | | | eS | SKSac | | 03 07 47.1 | -0.3 | | | | | |
| PBEJ | Beja | 99.91 | 336 | ePP | Pdfif | | 02 57 13.8 | +1.9 | | | | | |
| MESJ | Messejana | 100.19 | 337 | ePP | PP | | 02 57 12.0 | -0.1 | | | | | |
| MESJ | | | | ePP | PP | | 02 57 17.8 | -0.1 | | | | | |
| MESJ | | | | eS | SKSac | | 03 03 51.1 | +1.1 | | | | | |
| MESJ | | | | eS | SKSac | | 03 03 51.5 | +1.5 | | | | | |
| MESJ | | | | eS | SS | | 03 11 40.5 | +1.6 | | | | | |
| MESJ | | | | eS | SS | | 03 11 41.3 | +2.4 | | | | | |
| MESJ | | | | eS | AMS | | 03 42 20.1 | | | | | | |
| MESJ | comp=N,1.65um,19.0s | | | | | | | | | | | | |
| MESJ | Messejana | 100.19 | 337 | eP | Pdfif | | 02 53 12.9 | -0.1 | | | | | |
| MESJ | | | | eS | SKSac | | 02 57 17.7 | | | | | | |
| MESJ | | | | eS | SS | | 03 03 51.4 | +1.4 | | | | | |
| MESJ | | | | eS | SS | | 03 11 41.3 | +2.4 | | | | | |
| PCVE | Castro Verde | 100.33 | 336 | eP | Pdfif | | 02 53 13.0 | -0.6 | | | | | |
| PCVE | Castro Verde | 100.33 | 336 | ePP | PP | | 02 57 20.5 | +1.6 | | | | | |
| PCVE | | | | eS | SKSac | | 03 03 54.2 | +3.5 | | | | | |
| PCVE | | | | eS | SS | | 03 11 47.2 | +6.4 | | | | | |
| PCVE | | | | eL | LR | | 03 34 19.1 | | | | | | |
| PVAQ | comp=N,2.27um,22.0s | | | | | | | | | | | | |
| PVAQ | Vaqueiros | 100.43 | 336 | eP | Pdfif | | 02 53 14.0 | 0.0 | | | | | |
| PVAQ | Vaqueiros | 100.43 | 336 | ePP | PP | | 02 57 22.5 | +2.8 | | | | | |
| PVAQ | | | | eS | SKSac | | 03 03 51.5 | +0.3 | | | | | |
| PVAQ | | | | eS | SS | | 03 11 46.8 | +4.5 | | | | | |
| PVAQ | | | | eL | LR | | 03 25 41.4 | | | | | | |
| PVAQ | | | | eL | LR | | 03 34 58.4 | | | | | | |
| PBDV | comp=N,2.64um,22.0s | | | | | | | | | | | | |
| PBDV | Barranco-do-Ve | 100.65 | 336 | eP | Pdfif | | 02 53 15.2 | +0.2 | | | | | |
| PBDV | Barranco-do-Ve | 100.65 | 336 | ePP | PP | | 02 57 23.1 | +1.8 | | | | | |
| PBDV | | | | eS | SKSac | | 03 03 52.3 | +0.1 | | | | | |
| PBDV | | | | eS | SS | | 03 11 51.9 | +6.6 | | | | | |
| PBDV | | | | eL | LR | | 03 26 04.0 | | | | | | |
| PBDV | | | | eL | LR | | 03 32 56.8 | | | | | | |
| SFS | comp=N,2.88um,20.0s | | | | | | | | | | | | |
| SFS | San Fernando | 100.78 | 335 | PFAKE | LR | | 02 53 30.0 | +1.4 | | | | | |
| MORF | Marmelete | 100.82 | 337 | ePP | PP | | 02 57 24.6 | +2.0 | | | | | |
| MORF | | | | eS | SKSac | | 03 03 55.1 | +2.0 | | | | | |
| MORF | | | | eS | SS | | 03 12 04.0 | +1.6 | | | | | |
| MORF | | | | eL | LR | | 02 57 21.9 | | | | | | |
| MORF | | | | eL | LR | | 03 34 16.9 | | | | | | |
| MORF | comp=Z,1.32um,22.0s | | | | | | | | | | | | |
| MORF | Marmelete | 100.82 | 337 | eP | Pdfif | | 02 53 15.5 | -0.3 | | | | | |
| MORF | | | | eS | SKSac | | 02 57 23.4 | | | | | | |
| MORF | | | | eS | SS | | 03 03 52.2 | -0.9 | | | | | |
| MORF | | | | eS | SS | | 03 11 51.0 | +3.3 | | | | | |
| MORF | | | | eP | PP | | 02 53 16.3 | -0.4 | | | | | |
| MORF | Vila Bisbo | 101.03 | 337 | ePP | PP | | 02 57 25.6 | +1.3 | | | | | |
| MORF | Vila Bisbo | 101.03 | 337 | ePP | PP | | 02 57 25.6 | +1.3 | | | | | |
| MORF | | | | eS | SKSac | | 03 03 53.6 | -0.5 | | | | | |
| MORF | | | | eS | SS | | 03 11 56.8 | +6.2 | | | | | |
| MORF | | | | eL | LR | | 02 56 07.7 | | | | | | |
| MORF | | | | eL | LR | | 03 33 38.4 | | | | | | |
| KMBO | comp=Z,1.03um,20.0s | | | | | | | | | | | | |
| KMBO | Kilima Mbogo | 102.57 | 278 | P | Pdfif | | 02 53 24.1 | +0.6 | | | | | |
| KMBO | | | | PP | PP | | 02 57 40.2 | +3.0 | | | | | |
| KMBO | comp=Z,9.8nm,1.2s,baz=0.9,slow=24,SNR=3.7 | | | | | | | | | | | | |
| KMBO | Kilima Mbogo | 102.57 | 278 | eP | Pdfif | | 02 53 23.9 | +0.4 | | | | | |
| KMBO | | | | pmax | pmax | | | | | | | | |
| KMBO | comp=Z,3.9nm,1.6s | | | | | | | | | | | | |
| KMBO | | | | MLR | MLR | | | | | | | | |
| KMBO | comp=Z,4.6um,20.0s | | | | | | | | | | | | |
| KMBO | Kilima Mbogo | 102.57 | 278 | ePdif | Pdfif | | 02 53 23.9 | +0.3 | | | | | |
| KMBO | | | | LR | LR | | | | | | | | |
| KMBO | comp=Z,3.8nm,1.6s | | | | | | | | | | | | |
| KMBO | | | | LR | LR | | | | | | | | |
| DWPF | Disney | 102.91 | 39 | PFAKE | LR | | 02 53 40.0 | +1.5 | | | | | |
| DWPF | | | | LR | LR | | | | | | | | |
| PTCN | comp=Z,7.72um,19.0s,MS7.2 | | | | | | | | | | | | |
| PTCN | Pitcairn Islan | 103.07 | 112 | PFAKE | LR | | 02 53 40.0 | +1.4 | | | | | |
| PTCN | | | | LR | LR | | | | | | | | |
| DRV | comp=Z,5.55um,22.0s,MS7.0 | | | | | | | | | | | | |
| DRV | Dumont d'Urville | 103.89 | 181 | Pdfif | Pdfif | | 02 53 30.0 | +0.6 | | | | | |
| DRV | Dumont d'Urville | 103.89 | 181 | PP | PP | | 02 57 51.0 | +4.5 | | | | | |
| DRV | | | | SKKS | SKSac | | 03 04 00.0 | -5.6 | | | | | |
| DRV | | | | SS | SS | | 03 12 23.0 | -8.6 | | | | | |
| DRV | | | | F | F | | 03 30 00.0 | | | | | | |
| ABPO | Ambोधimpanom | 105.22 | 258 | PFAKE | LR | | 02 58 00.0 | +1.0 | | | | | |
| ABPO | | | | LR | LR | | | | | | | | |
| TEIG | comp=Z,3.8um,20.0s,MS6.9 | | | | | | | | | | | | |
| TEIG | Tepeich | 105.42 | 49 | PFAKE | LR | | 02 58 00.0 | +1.0 | | | | | |
| TEIG | | | | LR | LR | | | | | | | | |
| BBSR | BB Station | 106.04 | 24 | PFAKE | LR | | 02 58 00.0 | +8.9 | | | | | |
| BBSR | | | | LR | LR | | | | | | | | |
| CASY | comp=Z,5.1um,21.0s,MS7.0 | | | | | | | | | | | | |
| CASY | Casey | 106.34 | 193 | ePKP | PKIKP | | 02 57 52.3 | +1.9 | | | | | |
| CASY | | | | LR | LR | | | | | | | | |
| TAM | comp=Z,2.99um,22.0s,MS7.8 | | | | | | | | | | | | |
| TAM | Tamanrasset | 107.48 | 318 | eP | Pdfif | | 02 53 47.1 | +1.7 | | | | | |
| TAM | | | | pmax | pmax | | | | | | | | |
| TAM | comp=Z,8.0nm,1.4s | | | | | | | | | | | | |
| TAM | Tamanrasset | 107.48 | 318 | ePdif | Pdfif | | 02 53 47.1 | +1.7 | | | | | |
| FUL | comp=Z,7.5nm,1.4s | | | | | | | | | | | | |
| FUL | Funchal | 107.53 | 342 | ePP | PP | | 02 58 15.6 | +3.1 | | | | | |
| MIR | Mirnyy | 110.39 | 199 | ePKIKP | PKIKP | | 02 58 03.0 | +5.0 | | | | | |
| MIR | | | | pmax | pmax | | | | | | | | |
| TGUH | comp=Z,4.8nm,1.4s | | | | | | | | | | | | |
| TGUH | Tegucigalpa,Un | 110.75 | 52 | PFAKE | LR | | 02 58 10.0 | +1.0 | | | | | |
| TGUH | | | | LR | LR | | | | | | | | |
| GTBY | comp=Z,3.9um,21.0s,MS7.0 | | | | | | | | | | | | |
| GTBY | Guantanamo Bay | 112.88 | 38 | PFAKE | LR | | 02 58 20.0 | +1.6 | | | | | |
| GTBY | | | | LR | LR | | | | | | | | |
| MTDJ | comp=Z,3.8um,20.0s,MS7.0 | | | | | | | | | | | | |
| MTDJ | Mount Denham | 113.07 | 41 | PFAKE | LR | | 02 58 20.0 | +1.5 | | | | | |
| MTDJ | | | | LR | LR | | | | | | | | |
| GRTK | comp=Z,6.4um,21.0s,MS7.2 | | | | | | | | | | | | |
| GRTK | Grand Turk | 113.38 | 34 | PFAKE | LR | | 02 58 20.0 | +1.5 | | | | | |
| GRTK | | | | LR | LR | | | | | | | | |
| JTS | comp=Z,6.1um,20.0s,MS7.2 | | | | | | | | | | | | |
| JTS | JuntasAbangare | 115.07 | 53 | PFAKE | LR | | 02 58 20.0 | +1.1 | | | | | |
| JTS | | | | LR | LR | | | | | | | | |
| SDDR | comp=Z,2.6um,19.0s,MS6.9 | | | | | | | | | | | | |
| SDDR | Presa de Saban | 115.52 | 35 | PFAKE | LR | | 02 58 20.0 | +1.1 | | | | | |
| SDDR | | | | LR | LR | | | | | | | | |
| SBA | comp=Z,6.6um,20.0s,MS7.2 | | | | | | | | | | | | |
| SBA | Scott Base | 116.09 | 174 | ePKIKP | PKIKP | | 02 58 09.4 | +0.8 | | | | | |
| SBA | | | | MLR | MLR | | | | | | | | |
| LSZ | comp=Z,1.6um,22.0s,MS6.6 | | | | | | | | | | | | |
| LSZ | Lusaka | 118.15 | 272 | ePKIKP | PKIKP | | 02 58 15.4 | +1.0 | | | | | </ |

| GUMO | | pmax | pmax | | |
|------|--|-----------|------|------|-----------------|
| HHC | comp-Z,42nm,1.0s,mb5.8 | | | | |
| HHC | Hu-ho-hao-te | 24.08 287 | eP | P | 02 52 39.8 -2.4 |
| HHC | | | S | S | 02 56 52.0 -5.7 |
| HHC | | | S | pmax | |
| WHN | comp-Z,79nm,0.6s,mb5.3 | | | | |
| WHN | Wuhan | 24.24 262 | iP | P | 02 52 43.6 -0.1 |
| WHN | | | sP | S | 02 52 53.1 |
| YAK | Yakutsk | 25.74 346 | eP | P | 02 52 56.9 -0.1 |
| YAK | | | S | pmax | |
| YAK | comp-Z,93nm,0.9s,mb5.2 | | | | |
| YAK | Yakutsk | 25.74 346 | eP | P | 02 52 56.0 -1.0 |
| YAK | | | S | pmax | |
| SEY | comp-Z,225nm,0.9s,mb5.7 | | | | |
| SEY | Seymchan | 26.12 10c | eP | P | 02 53 00.4 -0.1 |
| SEY | | | S | pmax | |
| SMY | comp-Z,77nm,1.0s,mb5.2 | | | | |
| SMY | Shemya | 26.72 45 | eP | P | 02 53 06.9 +0.9 |
| SMY | | | S | pmax | |
| ULN | comp-Z,77nm,1.0s,mb5.2 | | | | |
| ULN | Ulaanbaatar | 27.74 303 | eP | P | 02 53 15.9 +0.7 |
| ULN | | | S | pmax | |
| ULN | comp-Z,55nm,0.9s,mb5.2 | | | | |
| ULN | Ulaanbaatar | 27.74 303 | eP | P | 02 53 15.9 +0.8 |
| ULN | | | S | pmax | |
| SOMM | comp-Z,62nm,0.9s,mb5.2 | | | | |
| SOMM | Songino Array | 28.17 303 | P | P | 02 53 20.2 +1.1 |
| SOMM | | | S | pmax | |
| SOMM | comp-Z,62nm,0.9s,mb5.2,baz=100,slow=8.2,SNR=23 | | | | |
| SOMM | Songino Array | 28.17 303 | P | P | 02 53 20.2 +1.2 |
| SOMM | | | S | pmax | |
| ENH | comp-Z,62nm,0.9s | | | | |
| ENH | Enshi | 28.19 265 | eP | P | 02 53 19.3 0.0 |
| ENH | | | S | pmax | |
| TGY | comp-Z,625nm,0.9s,mb5.2 | | | | |
| TGY | Tagaytay City | 30.19 225 | P | P | 02 53 37.4 +0.2 |
| TGY | | | S | pmax | |
| TGY | comp-Z,77nm,0.3s,mb5.0,baz=37,slow=20,SNR=2.9 | | | | |
| TGY | Tagaytay City | 30.19 225 | P | P | 02 53 37.4 +0.2 |
| TGY | | | S | pmax | |
| TLY | comp-Z,97nm,0.3s | | | | |
| TLY | Talaya | 30.61 310 | eP | P | 02 53 51.8 +2.4 |
| TLY | | | S | pmax | |
| TLY | comp-Z,86nm,1.1s,mb5.1 | | | | |
| TLY | Talaya | 30.61 310 | eP | P | 02 53 39.8 -0.8 |
| TLY | | | S | pmax | |
| LZH | comp-Z,30nm,0.9s,mb5.2 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 53 43.0 +0.7 |
| LZH | | | S | pmax | |
| LZH | comp-Z,55nm,0.9s,mb5.2 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 53 50.0 -1.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,44nm,1.1s,mb5.5 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 04.0 -8.0 |
| LZH | | | S | pmax | |
| LZH | comp-Z,44nm,1.1s,mb5.5 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.7 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7.1 |
| LZH | | | S | pmax | |
| LZH | comp-Z,140nm,1.3s,mb5.6 | | | | |
| LZH | Lanzhou | 30.78 279 | eP | P | 02 54 03.0 -7 |

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|------|------------------|-----------|----|------|-----------------|
| SMOL | Smolenice | 81.36 327 | eP | P | 02 59 44.0 +1.0 |
| U20A | Newcomb | 81.42 50 | ↑P | P | 02 59 43.9 +0.3 |
| PRU | Pruhonice | 81.45 329 | eP | P | 02 59 44.3 +0.6 |
| PRU | Pruhonice | 81.45 329 | eP | pP | 02 59 53.3 +0.2 |
| PRU | Pruhonice | 81.45 329 | eP | pP | 02 59 53.3 +0.2 |
| V19A | Window Rock | 81.53 51 | ↑P | P | 02 59 44.5 +0.3 |
| S22A | 4UR Ranch, Cre | 81.55 49 | ↑P | P | 02 59 42.7 -1.5 |
| BZS | Buzias | 81.57 322 | ↑P | P | 02 59 44.0 -0.2 |
| BZS | Buzias | 81.57 322 | ↑P | P | 02 59 44.0 -0.2 |
| TREC | Trest | 81.60 328 | eP | P | 02 59 44.5 +0.2 |
| TREC | Trest | 81.60 328 | eP | pP | 02 59 53.7 -0.1 |
| TREC | Trest | 81.62 49 | ↑P | P | 02 59 44.4 -0.3 |
| T21A | Navajo Lake | 81.62 49 | ↑P | P | 02 59 44.4 -0.3 |
| Y17A | Roosevelt | 81.69 54 | ↑P | P | 02 59 45.2 +0.2 |
| ZST | Bratislava | 81.74 327 | eP | P | 02 59 46.2 +1.2 |
| ZST | Bratislava | 81.74 327 | eP | P | 02 59 46.2 +1.2 |
| V20A | Brimhall | 81.83 51 | ↑P | P | 02 59 45.4 -0.4 |
| T22A | Edith | 81.99 49 | ↑P | P | 02 59 46.5 -0.1 |
| NKC | Novy Kostel | 82.11 330 | eP | P | 02 59 47.1 +0.2 |
| NKC | Novy Kostel | 82.11 330 | eP | pP | 02 59 56.2 -0.3 |
| NKC | Novy Kostel | 82.11 330 | eP | pP | 02 59 47.1 +0.2 |
| Y18A | Canyon Day Jun | 82.16 53 | ↑P | P | 02 59 46.8 -0.7 |
| ISP | Isparta | 82.19 312 | eP | P | 02 59 47.7 +0.1 |
| ISP | Isparta | 82.19 312 | eP | pmax | 02 59 47.7 +0.1 |
| ISP | Isparta | 82.19 312 | eP | P | 02 59 47.7 +0.1 |
| X19A | St. Johns | 82.21 52 | ↑P | P | 02 59 47.2 -0.6 |
| W20A | Ramah | 82.25 51 | ↑P | P | 02 59 46.1 -1.8 |
| EYMN | Ely | 82.26 33 | eP | P | 02 59 46.9 -0.9 |
| MMAI | Mount Meron Ar | 82.32 306 | P | P | 02 59 49.3 +0.9 |
| SDCO | Great Sand Dun | 82.34 48 | eP | P | 02 59 49.6 +1.2 |
| CSS | Prodromos | 82.38 308 | eP | P | 02 59 47.3 -1.3 |
| CSS | Conrad Observa | 82.48 327 | ↑P | P | 02 59 49.9 +0.9 |
| KHC | Kasperske Hory | 82.52 329 | eP | P | 02 59 49.0 +0.1 |
| KHC | Kasperske Hory | 82.52 329 | eP | pP | 02 59 59.0 +0.3 |
| KHC | Kasperske Hory | 82.52 329 | eP | pP | 02 59 49.0 -0.1 |
| KHC | Kasperske Hory | 82.52 329 | eP | pP | 02 59 49.2 +0.1 |
| PKSM | Moragy | 82.54 324 | ↑P | P | 02 59 49.0 -0.3 |
| PKSM | Moragy | 82.54 324 | ↑P | P | 02 59 49.0 -0.3 |
| TUC | Tucson | 82.61 55 | eP | P | 02 59 49.6 -0.3 |
| TUC | Tucson | 82.61 55 | eP | pmax | 02 59 49.6 -0.3 |
| TUC | Tucson | 82.61 55 | eP | pmax | 02 59 49.6 -0.3 |
| X20A | Quemado | 82.63 52 | ↑P | P | 02 59 50.5 +0.5 |
| V22A | San Miguel Ran | 82.71 50 | ↑P | P | 02 59 50.3 -0.1 |
| U23A | El Rito | 82.87 49 | ↑P | P | 02 59 51.8 +0.6 |
| 118A | Hornack Ranch | 82.93 54 | ↑P | P | 02 59 51.2 -0.4 |
| ESK | Eskdalemuir | 82.93 341 | eP | P | 02 59 52.3 +1.2 |
| ESK | Eskdalemuir | 82.93 341 | eP | pmax | 02 59 52.3 +1.2 |
| ESK | Eskdalemuir | 82.93 341 | eP | P | 02 59 53.3 +2.2 |
| ESK | Eskdalemuir | 82.93 341 | eP | P | 02 59 52.3 +1.2 |
| VTS | Vitosha | 82.95 320 | ↑P | P | 02 59 52.3 +0.9 |
| VTS | Vitosha | 82.95 320 | ↑P | P | 02 59 52.3 +0.9 |
| ECSD | EROS Data Cent | 83.00 39 | eP | P | 02 59 50.4 -1.3 |
| S25A | Robets Cordova | 83.02 47 | ↑P | P | 02 59 52.1 +0.2 |
| Y20A | Horse Springs | 83.12 52 | ↑P | P | 02 59 52.6 +0.1 |
| X21A | Alamocita Cree | 83.14 52 | ↑P | P | 02 59 53.1 +0.5 |
| ARSA | Arzberg | 83.15 327 | ↑P | P | 02 59 52.9 +0.4 |
| V23A | Ortiz Mt. (NFS) | 83.26 50 | ↑P | P | 02 59 54.4 +1.1 |
| 218A | Dragon | 83.31 55 | ↑P | P | 02 59 54.4 +0.9 |
| T25A | Trinidad | 83.39 48 | ↑P | P | 02 59 54.2 +0.4 |
| Y21A | Point of Rocks | 83.50 52 | ↑P | P | 02 59 55.6 +1.2 |
| Z20A | Nine Sixteen R | 83.50 53 | ↑P | P | 02 59 54.6 +0.1 |
| LAZ | Ladron | 83.57 51 | eP | P | 02 59 55.7 +0.9 |
| ANMO | Albuquerque | 83.62 50 | eP | P | 02 59 55.5 +0.4 |
| ANMO | Albuquerque | 83.62 50 | eP | pmax | 02 59 55.5 +0.4 |
| ANMO | Albuquerque | 83.62 50 | eP | P | 02 59 55.5 +0.4 |
| W23A | Werner Place | 83.67 50 | ↑P | P | 02 59 56.0 +0.6 |
| 318A | Bisbee | 83.69 55 | ↑P | P | 02 59 55.3 -0.2 |
| 219A | White Tail Can | 83.80 54 | ↑P | P | 02 59 56.4 +0.3 |
| SOKA | Sotho | 83.81 327 | ↑P | P | 02 59 55.7 -0.1 |
| V24A | Rampart Ranch | 83.83 49 | ↑P | P | 02 59 56.4 +0.2 |
| U25A | Circle Dot Ran | 83.89 48 | ↑P | P | 02 59 55.2 -1.2 |
| Z21A | St. Cloud Mine | 83.96 52 | ↑P | P | 02 59 56.9 +0.1 |
| Y22A | Socorro | 83.98 51 | ↑P | P | 02 59 57.2 +0.3 |
| BNM | Barren Site | 84.05 51 | eP | P | 02 59 57.8 +0.5 |
| W24A | Lazy 6 Ranch | 84.09 50 | ↑P | P | 02 59 58.1 +0.6 |
| V25A | Rancho No Teng | 84.14 49 | ↑P | P | 02 59 57.8 0.0 |
| BEEN | Eben Emael | 84.16 334 | ↑P | P | 02 59 57.8 +0.3 |
| 319A | Douglas | 84.19 55 | ↑P | P | 02 59 58.2 +0.2 |
| MEM | Membach | 84.20 334 | ↑P | P | 02 59 57.3 -0.4 |
| U26A | Atchley Ranch | 84.29 48 | ↑P | P | 02 59 59.0 +0.6 |
| PLE | Pjlevija | 84.32 322 | ↑P | P | 02 59 58.9 +0.4 |
| PLE | Pjlevija | 84.32 322 | ↑P | P | 02 59 58.9 +0.4 |
| 220A | Pjlevija Peak, P | 84.33 54 | ↑P | P | 02 59 59.1 +0.3 |
| 121A | Cookes Peak, D | 84.40 53 | ↑P | P | 02 59 58.8 -0.2 |
| IVA | Berane | 84.42 321 | ↑P | P | 02 59 59.8 +0.8 |
| IVA | Berane | 84.42 321 | ↑P | P | 02 59 59.8 +0.8 |
| Z22A | Elephant Butte | 84.44 52 | ↑P | P | 02 59 58.8 -0.4 |
| STU | Stuttgart | 84.55 331 | eP | P | 02 59 58.6 -0.9 |
| STU | Stuttgart | 84.55 331 | eP | pmax | 02 59 58.6 -0.9 |
| STU | Stuttgart | 84.55 331 | eP | P | 02 59 58.6 -0.9 |
| Y23A | Loveless Mesa | 84.55 51 | ↑P | P | 02 00 00.3 +0.4 |
| PVY | Play | 84.58 321 | ↑P | P | 02 59 59.5 -0.3 |
| PVY | Play | 84.58 321 | ↑P | P | 02 59 59.5 -0.3 |
| BCLA | Clavier | 84.61 334 | ↑P | P | 02 59 59.9 +0.1 |
| SCHO | Schefferville | 84.61 17 | P | P | 02 59 59.7 0.0 |
| SCHO | Schefferville | 84.61 17 | P | P | 02 59 59.2 -0.4 |
| UPM | Unac-Piva | 84.66 322 | ↑P | P | 02 59 59.4 -0.8 |
| UPM | Unac-Piva | 84.66 322 | ↑P | P | 02 59 59.5 -0.7 |
| W25A | X Bar L Ranch | 84.66 49 | ↑P | P | 02 00 00.4 0.0 |

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|------|----------------|-----------|----|------|-----------------|
| SNF | Senefte | 84.88 335 | eP | P | 03 00 01.5 +0.4 |
| NKY | Niksic | 84.90 322 | ↑P | P | 03 00 00.9 -0.5 |
| NKY | Niksic | 84.90 322 | ↑P | P | 03 00 00.9 -0.5 |
| NKY | Niksic | 84.90 322 | ↑P | P | 03 00 02.1 +0.7 |
| WLF | Walford | 84.94 333 | eP | P | 03 00 02.3 +0.8 |
| WLF | Walford | 84.94 333 | eP | pmax | 03 00 02.3 +0.8 |
| WLF | Walford | 84.94 333 | eP | P | 03 00 02.3 +0.8 |
| MOTA | Moosalm | 84.94 329 | ↑P | P | 03 00 01.6 +0.1 |
| GIVF | Givet | 85.04 334 | eP | P | 03 00 01.1 -0.9 |
| GIVF | Givet | 85.04 334 | eP | P | 03 00 01.1 -0.9 |
| GIVF | Givet | 85.04 334 | eP | pmax | 03 00 01.1 -0.9 |
| GIVF | Givet | 85.04 334 | eP | P | 03 00 01.1 -0.9 |
| BRY | Bratogost | 85.06 322 | ↑P | P | 03 00 00.7 -1.5 |
| BRY | Bratogost | 85.06 322 | ↑P | P | 03 00 00.7 -1.5 |
| TTG | Podgorica | 85.06 322 | ↑P | P | 03 00 01.2 -1.0 |
| TTG | Podgorica | 85.06 322 | ↑P | P | 03 00 01.2 -1.0 |
| DOU | Dourbes | 85.12 334 | eP | P | 03 00 01.7 -0.7 |
| BFO | Black Forest | 85.24 331 | eP | P | 03 00 03.8 +0.8 |
| BFO | Black Forest | 85.24 331 | eP | pmax | 03 00 02.8 -0.2 |
| BFO | Black Forest | 85.24 331 | eP | P | 03 00 02.8 -0.2 |
| BFO | Black Forest | 85.24 331 | eP | pmax | 03 00 02.8 -0.2 |
| BAIF | Baives | 85.29 334 | eP | P | 03 00 02.5 -0.7 |
| BAIF | Baives | 85.29 334 | eP | P | 03 00 02.5 -0.7 |
| BAIF | Baives | 85.29 334 | eP | pmax | 03 00 02.5 -0.7 |
| BAIF | Baives | 85.29 334 | eP | P | 03 00 02.5 -0.7 |
| BUM | Brajci-Budva | 85.33 322 | ↑P | P | 03 00 03.3 -0.3 |
| BUM | Brajci-Budva | 85.33 322 | ↑P | P | 03 00 03.3 -0.3 |
| FETA | Feichten | 85.35 329 | ↑P | P | 03 00 03.7 +0.1 |
| ULC | Ulcinj | 85.41 321 | ↑P | P | 03 00 03.8 -0.2 |
| HCY | Herceg Novi | 85.42 322 | ↑P | P | 03 00 03.5 -0.5 |
| HCY | Herceg Novi | 85.42 322 | ↑P | P | 03 00 03.6 -0.5 |
| DAVA | Damueli | 85.48 330 | ↑P | P | 03 00 04.4 +0.2 |
| CDF | Champ du Feu | 85.57 332 | eP | P | 03 00 04.1 -0.5 |
| CDF | Champ du Feu | 85.57 332 | eP | pmax | 03 00 04.1 -0.5 |
| CDF | Champ du Feu | 85.57 332 | eP | P | 03 00 04.1 -0.5 |
| CDF | Champ du Feu | 85.57 332 | eP | pmax | 03 00 04.1 -0.5 |
| DLF | Lyons Farm | 85.60 342 | eP | P | 03 00 03.0 -1.7 |
| W27A | Bowe Ranch, En | 85.60 48 | ↑P | P | 03 00 05.8 +0.7 |
| 124A | Stringfield Ra | 85.75 52 | ↑P | P | 03 00 05.4 -0.5 |
| ECH | Echery | 85.78 332 | eP | P | 03 00 05.0 -0.7 |
| ECH | Echery | 85.78 332 | eP | pmax | 03 00 05.0 -0.7 |
| ECH | Echery | 85.78 332 | eP | P | 03 00 05.0 -0.7 |
| Z25A | Roswell | 85.81 51 | ↑P | P | 03 00 06.2 0.0 |
| X27A | F and S Farms | 85.86 49 | ↑P | P | 03 00 05.7 -0.7 |
| 224A | Cornudas Mount | 86.13 52 | ↑P | P | 03 00 07.3 -0.5 |
| HINF | Hinterfeld | 86.22 332 | eP | P | 03 00 06.9 -1.0 |
| HINF | Hinterfeld | 86.22 332 | eP | P | 03 00 06.9 -1.0 |
| HINF | Hinterfeld | 86.22 332 | eP | pmax | 03 00 06.9 -1.0 |
| HINF | Hinterfeld | 86.22 332 | eP | P | 03 00 06.9 -1.0 |
| HAU | Haudompre | 86.25 332 | eP | P | 03 00 07.1 -0.9 |
| HAU | Haudompre | 86.25 332 | eP | P | 03 00 07.1 -0.9 |
| HAU | Haudompre | 86.25 332 | eP | pmax | 03 00 07.1 -0.9 |
| HAU | Haudompre | 86.25 332 | eP | P | 03 00 07.1 -0.9 |
| 125A | Ganer Draw | 86.27 51 | ↑P | P | 03 00 08.2 -0.2 |
| Z26A | Caprock | 86.27 50 | ↑P | P | 03 00 08.6 +0.2 |
| MEZF | Maizieres J'vi | 86.31 333 | eP | P | 03 00 07.9 -0.4 |
| MEZF | Maizieres J'vi | 86.31 333 | eP | P | 03 00 07.9 -0.4 |
| Y27A | Causey | 86.35 49 | ↑P | P | 03 00 08.6 -0.2 |
| MNTX | Cornudas Mount | 86.47 52 | eP | P | 03 00 09.4 0.0 |
| CPRX | Cap Rock | 86.51 50 | eP | P | 03 00 09.6 0.0 |
| AMTX | Amarillo | 86.54 48 | eP | P | 03 00 10.4 +0.7 |
| 126A | Clayton Basin | 86.67 51 | ↑P | P | 03 00 07.1 -3.3 |
| Z27A | Tattler | 86.71 50 | ↑P | P | 03 00 08.5 -2.1 |
| GD2L | Guadalupe Moun | 86.77 51 | ↑P | P | 03 00 10.8 -0.1 |
| 325A | Bean Ranch, Si | 86.95 52 | ↑P | P | 03 00 10.1 -1.7 |
| 226A | Malaga, Loving | 87.02 51 | ↑P | P | 03 00 11.0 -1.2 |
| CABF | La Chapelle | 87.52 332 | eP | P | 03 00 13.6 -0.6 |
| CABF | La Chapelle | 87.52 332 | eP | P | 03 00 13.6 -0.6 |
| CABF | La Chapelle | 87.52 332 | eP | pmax | 03 00 13.6 -0.6 |
| CABF | La Chapelle | 87.52 332 | eP | P | 03 00 13.6 -0.6 |
| 326A | Caldwell Ranch | 87.61 52 | ↑P | P | 03 00 10.9 -4.0 |
| GLMI | Graying | 87.64 31 | eP | P | 03 00 14.0 -0.9 |
| LOR | Lormes | 87.78 333 | eP | P | 03 00 14.7 -0.8 |
| LOR | Lormes | 87.78 333 | eP | P | 03 00 14.7 -0.8 |
| LOR | Lormes | 87.78 333 | eP | pmax | 03 00 14.7 -0.8 |
| LOR | Lormes | 87.78 333 | eP | P | 03 00 14.7 -0.8 |
| AQU | L'Aquila | 87.91 325 | eP | P | 03 00 16.1 -0.1 |
| AQU | L'Aquila | 87.91 325 | eP | pmax | 03 00 16.1 -0.1 |
| AQU | L'Aquila | 87.91 325 | eP | P | 03 00 16.1 -0.1 |
| AQU | L'Aquila | 87.91 325 | eP | pmax | 03 00 16.1 -0.1 |
| FLN | La Foliniere | 87.96 336 | eP | P | 03 00 15.5 -0.8 |
| FLN | La Foliniere | 87.96 336 | eP | P | 03 00 15.5 -0.8 |
| FLN | La Foliniere | 87.96 336 | eP | pmax | 03 00 15.5 -0.8 |
| FLN | La Foliniere | 87.96 336 | eP | P | 03 00 15.5 -0.8 |
| LDF | La Druitiere | 87.99 336 | eP | P | 03 00 15.5 -0.9 |
| LDF | La Druitiere | 87.99 336 | eP | P | 03 00 15.5 -0.9 |
| LDF | La Druitiere | 87.99 336 | eP | pmax | 03 00 15.5 -0.9 |
| LDF | La Druitiere | 87.99 336 | eP | P | 03 00 15.5 -0.9 |
| GVD | Gavdhos | 88.00 314 | eP | P | 03 00 16.3 -0.5 |
| SSF | Saint Sauge | 88.03 333 | eP | P | 03 00 16.2 -0.7 |
| SSF | Saint Sauge | 88.03 333 | eP | P | 03 00 16.2 -0.7 |
| SSF | | | | | |

Table with columns: ID, Name, Address, Elevation, Area, Status, Date, Time, and other details. Includes entries like LON Longmire, G04A Mulino, ARCES ARCESS Array B, etc.

Table with columns: ID, Name, Address, Elevation, Area, Status, Date, Time, and other details. Includes entries like B17A L&G Farms, Che, H14A Leadore, L12A House Creek Ra, etc.

Table with columns: ID, Name, Address, Elevation, Area, Status, Date, Time, and other details. Includes entries like R16A Teasdale, NB2 NORSAR Subarra, NB2 NORSAR Subarra, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GRUS Gruz, PVY Plav, FGSL Fruska Gora, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BPAW Bear Paw Mtn, INK Inuvik, IMS Indian Mountain, etc.

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

IDC 19 06:58:43.0.2.1, 23.93N, 142.17E, h0km, mb3.8/5, mb1 3.9/5, mb1mx3.6/23, mbtmp3.8/5, MS3.6/1, Ms1 3.6/1, ms1mx2.7/30, Error ellipse: s-maj=111.2km

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 19 07:12:00.4.7.8, 21.62N, 143.31E, h299km, 80km, mb3.1/9, mb1 3.2/9, mb1mx3.0/24, mbtmp3.1/9, Error ellipse: s-maj=38.0km s-min=15.8km az=80.0, Mariana Islands region

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

JMA 19 07:21:03.8.0.1, 37.47N, 142.79E, h42km, M3.5, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JIO Orii, JFK Kawauchi, ONAJ Iwakimizuishiy, etc.

IDC 19 07:23:54.8.7.8, 22.81N, 108.20W, h0km, mb1 3.5/3, mb1mx3.3/20, mbtmp3.0/3, ML3.1/2, Error ellipse: s-maj=109.4km s-min=39.6km az=146.0, Off coast of central Mexico

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TXAR Lajitas Array, TXAR Mirna Array, PDAR Pinedale Array, etc.

IDC 19 07:43:43.5.4.8, 2.68S, 140.02E, h0km, mb3.2/2, mb1 3.4/3, mb1mx3.3/15, mbtmp3.3/3, ML3.5/1, Error ellipse: s-maj=185.3km s-min=30.1km az=89.0, Near north coast of Irian Jaya

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.

PGC 19 07:49:08.6.12.0, 66.00N, 142.63W, h20km, ML2.8/2, 263km Wnw of Dawson, Yt Alaska

NEIC 19 07:49:06.0, 66.08N, 142.82W, h5km, ML2.8(AEIC), 3D, After AEIC., Northern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EGAK Eagle, BOL3 Burnt Mountain, COLA College, etc.

KMBO Kilima Mbogo 30.57 287 P Op ISC h m s ISC 08 20 14.9 +1.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LSZ Lusaka, LBTB Lobatse, BOSA Boshof, etc.

KMI Kunming 50.65 44 P P 08 23 01.0 +2.1

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

KSH Kashi 51.28 10 P P 08 23 00.3 -3.1

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

KSH comp=Z, 17nm, 0.7s, mb5.1 pmax pmax

KSH comp=N, 160nm, 7.1s LR LR

KSH comp=E, 110nm, 5.5s LR LR

MMAI Mount Meron Arr 52.98 327 LR LR 08 43 53.3

GYA Guiyang 54.22 46 eP P 08 23 26.9 +1.5

CD2 Chengdu 55.20 39 P P 08 23 35.1 +2.7

CD2 comp=Z, 20nm, 0.6s, mb5.3 pmax pmax

CD2 comp=Z, 150nm, 4.7s LR LR

CD2 comp=N, 290nm, 7.1s LR LR

MAW Mawson 56.35 182 P P 08 23 39.4 -0.7

MAW comp=Z, 7.5nm, 1.0s, mb4.7, baze=9.1, slow=10, SNR=11

MAW comp=Z, 201nm, 20.6s, MS4.2, baze=236, slow=30

MAW Mawson 56.35 182 eP P 08 23 40.4 +0.2

WMQ Urumqi 58.14 18 eP P 08 23 53.5 +0.4

WMQ comp=Z, 1.6nm, 0.9s, mb4.0 pmax pmax

WMQ comp=Z, 9.0nm, 0.8s, mb4.8 pmax pmax

WMQ comp=Z, 110nm, 4.8s LR LR

WMQ comp=N, 200nm, 22.8s LR LR

BRTR Keskin Array B 59.10 331 P P 08 24 00.9 +1.0

GTA Gaotai 59.23 30 eP P 08 24 01.1 +0.3

GTA comp=Z, 3.0nm, 0.7s, mb4.4 pmax pmax

MAR Makanchi Array 59.51 13 P P 08 24 01.7 -0.8

MAR Makanchi Array 59.51 13 P P 08 24 01.7 -0.8

ZAAO Zalesovo Array 66.81 12 eP P 08 24 49.9 -0.9

ZALV Zalesovo Beam 68.12 12 P P 08 24 50.0 -0.9

ZALV comp=Z, 1.3nm, 0.5s, mb4.2, baze=197, slow=4.6, SNR=7.7

ZALV comp=Z, 69nm, 19.2s, MS3.9, baze=42, slow=35

ARU Art 67.72 355 eP P 08 24 56.3 -0.3

SONM Songino Array 68.72 28 P P 08 25 03.8 +0.7

SONM comp=Z, 3.4nm, 0.8s, mb4.3, baze=220, slow=6.0, SNR=16.5

SONM comp=Z, 201nm, 21.6s, MS4.3, baze=168, slow=35

AKAS Malin Array Be 69.63 336 P P 08 25 07.7 -0.9

STKA Stephens Creek 71.69 120 LR LR 08 51 51.9

CRVS Cervencia-Dubn 71.74 331 eP P 08 25 18.9 -2.6

CRVS Cervencia-Dubn 71.74 331 eP P 08 25 18.9 -2.6

KECS Kecov 71.93 330 eP P 08 25 22.5 -0.2

KECS Kecov 71.93 330 eP P 08 25 22.5 -0.2

YVHS Yvonne 72.76 329 eP P 08 25 27.6 -0.1

YVHS Yvonne 72.76 329 eP P 08 25 27.6 -0.1

KIC Kosan Boka 72.85 280 eP P 08 25 29.4 +0.5

DBIC Dimbrok 73.03 281 P P 08 25 30.2 +0.1

DBIC Dimbrok 73.03 281 P P 08 25 30.2 +0.1

KOLL Kolacno 73.04 329 eP P 08 25 29.1 -0.2

KOLL Kolacno 73.04 329 eP P 08 25 29.1 -0.2

LIC Lamto 73.09 280 eP P 08 25 30.7 +0.2

LIC Lamto 73.09 280 eP P 08 25 30.7 +0.2

LIC Lamto 73.09 280 eP P 08 25 30.7 +0.2

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LIC Lamto 73.09 280 eP P 08 25 30.7 +0.2

LIC Lamto 73.09 280 eP P 08 25 30.7 +0.2

Table with columns for call sign, name, frequency, and other details. Includes entries for FOZ, RPZ, ODZ, RAR, FITZ, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries for PPT, SPSI, TTSI, TIAR, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries for YULB, NACB, TACB, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LZH, SEY, CLNS, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MID, PPLA, PMR, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like YBH, HUMO, HULL, etc.

| | | | | | |
|--------|--|-----|-------|----|-----------------|
| DAC | comp-Z,22um,20.0s,MS6.6 | LR | LR | | |
| MPMC | Manual Prospec 86.92 | 53 | ↑P | P | 09 39 46.9 -0.1 |
| MONP | Monument Peak 86.92 | 56 | ↓P | P | 09 39 47.2 +0.1 |
| NVAR | Mina Array Bea 86.95 | 50 | P | P | 09 39 47.2 +0.1 |
| NVAR | comp-Z,1.1nm,0.9s,baz=212,slow=8.4,SNR=2.6 | | | | 09 43 05.2 -5.4 |
| NVAR | comp-Z,2.4nm,0.7s,baz=104,slow=3.3,SNR=14 | | | | 09 57 42.6 +1.1 |
| NVAR | comp-Z,1.3nm,0.9s,baz=116,slow=2.6,SNR=5.0 | | | | 10 05 42.8 |
| RRX | Edison Barstow 86.98 | 54 | ↓P | P | 09 39 47.4 +0.1 |
| DLBC | Dease Lake 87.00 | 29 | eP | P | 09 39 45.5 -1.3 |
| LON | Longmire 87.06 | 41 | eP | P | 09 39 45.8 -0.6 |
| LON | comp-Z,1.04nm,1.4s,mb5.9 | | | | |
| LON | Longmire 87.06 | 41 | eP | P | 09 39 46.8 -0.6 |
| PFO | comp-Z,1.04nm,1.4s,mb5.9 | | | | |
| PFO | Pinyon Flat Ob 87.08 | 55 | P | P | 09 39 48.0 +0.2 |
| PFO | comp-Z,330nm,1.0s,mb5.5,SNR=17 | | | | |
| PFO | Pinyon Flat Ob 87.08 | 55 | ↓P | P | 09 39 47.9 0.0 |
| PFO | comp-Z,330nm,1.0s,mb5.5,SNR=17 | | | | |
| PFO | Pinyon Flat Ob 87.08 | 55 | eP | P | 09 39 47.7 -0.1 |
| PFO | comp-Z,91nm,1.2s,mb5.9 | | | | 09 43 10.7 |
| PFO | comp-Z,1.04nm,1.4s,mb5.9 | | | | |
| PFO | Pinyon Flat Ob 87.08 | 55 | eP | P | 09 39 47.7 -0.2 |
| PFO | comp-Z,91nm,1.2s,mb5.9 | | | | 09 43 10.7 -1.0 |
| PFO | comp-Z,1.04nm,1.4s,mb5.9 | | | | |
| PFO | Pinyon Flat Ob 87.08 | 55 | eP | P | 09 39 47.7 -0.2 |
| PFO | comp-Z,91nm,1.2s,mb5.9 | | | | 09 43 10.7 -1.0 |
| D05A | Enuncio 87.09 | 41 | ↑P | P | 09 39 47.5 -0.1 |
| DVTC | Desert V Tower 87.12 | 56 | ↓P | P | 09 39 48.1 0.0 |
| VIPM | Ingram Point 87.12 | 44 | P | P | 09 39 47.9 +0.1 |
| WPW | White Pass 87.21 | 41 | P | P | 09 39 48.1 0.0 |
| GSC | Goldstone 87.25 | 53 | ↓P | P | 09 39 48.4 -0.2 |
| GSC | Goldstone 87.25 | 53 | eP | P | 09 39 48.6 0.0 |
| GSC | comp-Z,245nm,1.8s,mb6.1 | | | | |
| GSC | Goldstone 87.25 | 53 | eP | P | 09 39 48.6 0.0 |
| GRAC | Grapevine Rang 87.27 | 52 | ↓P | P | 09 39 48.6 -0.1 |
| RMW | Rattlesnake Mo 87.30 | 41 | P | P | 09 39 48.6 0.0 |
| G06A | Cotton Farm, 87.34 | 43 | ↓P | P | 09 39 48.3 -0.5 |
| SWSC | Sam W. Stewart 87.44 | 56 | ↑P | P | 09 39 49.3 -0.3 |
| JCW | Jim Creek 87.46 | 40 | P | P | 09 39 49.3 0.0 |
| HEC | Hector Ludlow 87.50 | 54 | ↑P | P | 09 39 49.4 -0.5 |
| FURC | Furnace Creek 87.52 | 52 | ↑P | P | 09 39 49.7 -0.2 |
| BELC | Belle Mtn. Jos 87.55 | 55 | ↑P | P | 09 39 50.1 0.0 |
| A05A | Maple Falls 87.63 | 39 | ↑P | P | 09 39 48.7 -1.4 |
| TPH | Topnahp 87.67 | 51 | PFAKE | LR | 09 40 00.0 +9.4 |
| I07A | Izee 87.75 | 44 | ↑P | P | 09 39 50.8 0.0 |
| SHOC | Shoshone 87.82 | 53 | ↑P | P | 09 39 50.7 -0.6 |
| B06A | Marblemount 87.85 | 40 | ↑P | P | 09 39 50.5 -0.7 |
| WVOR | Wild Horse Val 87.86 | 46 | eP | P | 09 39 51.4 0.0 |
| WVOR | comp-Z,161nm,1.4s,mb6.1 | | | | |
| WVOR | comp-Z,12um,20.0s,MS6.3 | | | | |
| WVOR | Wild Horse Val 87.86 | 46 | eP | P | 09 39 51.4 -0.1 |
| WVOR | comp-Z,162nm,1.4s,mb6.1 | | | | |
| WVOR | comp-Z,12um,20.0s,MS6.3 | | | | |
| BC3 | Big Chuckwall 87.90 | 55 | ↑P | P | 09 39 52.2 +0.4 |
| U10A | Ash Meadows, A 87.92 | 52 | ↑P | P | 09 39 51.5 -0.3 |
| TUQ | Turquoise Moun 87.98 | 53 | ↓P | P | 09 39 52.0 -0.1 |
| F07A | Phinny Hill Vi 88.02 | 43 | ↓P | P | 09 39 51.8 -0.2 |
| GMRC | Granite Mounta 88.02 | 54 | ↓P | P | 09 39 52.2 -0.1 |
| S10A | Topnahp Range, 88.11 | 51 | ↓P | P | 09 39 52.7 0.0 |
| J08A | Circle Bar Ran 88.25 | 45 | ↓P | P | 09 39 53.4 +0.2 |
| GLA | Glamis 88.25 | 56 | ↑P | P | 09 39 54.0 +0.5 |
| GLA | Glamis 88.25 | 56 | eP | P | 09 39 54.1 +0.6 |
| GLA | comp-Z,383nm,1.4s,mb6.4 | | | | |
| GLA | Glamis 88.25 | 56 | eP | P | 09 39 54.1 +0.6 |
| GLA | comp-Z,383nm,1.4s,mb6.4 | | | | |
| Urumqi | 88.27 | 315 | P | P | 09 39 52.8 -0.5 |
| WMQ | 09 40 03.4 +0.7 | | | | |
| WMQ | 09 40 07.3 +1.2 | | | | |
| WMQ | 09 43 21.9 +0.9 | | | | |
| WMQ | 09 50 16.6 | | | | |
| WMQ | 09 50 33.0 -3.3 | | | | |
| WMQ | 09 50 50.6 -1.2 | | | | |
| WMQ | comp-Z,170nm,1.4s,mb6.1 | | | | |
| WMQ | comp-Z,8um,6.4s | | | | |
| WMQ | comp-N,15um,23.0s,MS6.6 | | | | |
| WMQ | comp-E,19um,22.3s,MS6.6 | | | | |
| WMQ | comp-Z,25um,23.0s,MS6.6 | | | | |
| IRM | Iron Mountain 88.27 | 55 | P | P | 09 39 54.0 +0.5 |
| E07A | Sunnyside 88.27 | 42 | ↑P | P | 09 39 53.0 -0.3 |
| ETW | Entiat 88.29 | 41 | eP | P | 09 39 53.2 -0.1 |
| BMN | Battle Mountai 88.32 | 48 | eP | P | 09 39 53.8 +0.2 |
| BMN | comp-Z,201nm,1.7s,mb6.1 | | | | |
| BMN | comp-Z,12um,19.0s,MS6.3 | | | | |
| BMN | Battle Mountai 88.32 | 48 | eP | P | 09 39 53.8 +0.1 |
| BMN | comp-Z,201nm,1.7s,mb6.1 | | | | |
| 112A | Yuma 88.33 | 57 | ↓P | P | 09 39 54.6 +0.7 |
| RSW | Rattlesnake Hi 88.39 | 42 | eP | P | 09 39 54.1 +0.3 |
| R10A | Warm Springs 88.43 | 51 | ↓P | P | 09 39 54.7 +0.5 |
| HAWA | Hanford 88.43 | 42 | eP | P | 09 39 53.9 -0.1 |
| HAWA | comp-Z,144nm,1.4s,mb6.0 | | | | |
| V11A | Goodsprings 88.47 | 53 | ↑P | P | 09 39 54.3 -0.1 |
| G08A | Pilot Rock 88.48 | 43 | P | P | 09 39 54.4 +0.1 |
| Q10A | Clear Creek Ra 88.50 | 50 | ↓P | P | 09 39 54.6 +0.1 |
| LDFC | Landfair 88.53 | 54 | eP | P | 09 39 55.1 +0.4 |
| U11A | Corn Creek 88.55 | 53 | ↑P | P | 09 39 55.3 0.0 |
| P10A | Eureka 88.66 | 49 | ↓P | P | 09 39 55.1 -0.1 |
| S11A | Rachel 88.68 | 51 | P | P | 09 39 55.6 +0.2 |
| E08A | Dider Farm 88.77 | 42 | ↓P | P | 09 39 55.8 +0.2 |
| W12A | Cal Nev Ari 88.78 | 54 | ↑P | P | 09 39 56.2 +0.3 |
| O10A | Cortez Mining, 88.81 | 49 | ↓P | P | 09 39 56.1 +0.1 |

| | | | | | |
|-------|--|-----|------|--------|-----------------|
| NEE2 | Needles Airpor 88.84 | 54 | ↑P | P | 09 39 56.5 +0.3 |
| V12A | Nelson 88.80 | 53 | P | P | 09 39 56.8 +0.4 |
| N10A | Dunry 88.82 | 48 | ↓P | P | 09 39 57.0 +0.6 |
| T11A | Corn Creek, AI 88.89 | 52 | P | P | 09 39 57.3 +0.4 |
| R11A | Troy Canyon, C 88.89 | 51 | P | P | 09 39 56.9 0.0 |
| D08A | Wollman Farm, 88.93 | 42 | ↓P | P | 09 39 56.7 -0.1 |
| 113A | Mohawk Valley, 89.05 | 56 | P | P | 09 39 57.6 +0.4 |
| Q11A | Duckwater 89.06 | 50 | P | P | 09 39 57.5 +0.3 |
| LNOR | Linnton Mounta 89.11 | 43 | eP | P | 09 39 56.7 -0.5 |
| LNOR | comp-Z,33nm,1.4s,mb5.5 | | | | |
| LNOR | Linnton Mounta 89.11 | 43 | eP | P | 09 39 56.7 -0.5 |
| M10A | LL Ranch, Tu 89.11 | 47 | ↓P | P | 09 39 57.6 +0.3 |
| PDMC1 | Parker Dam,Lak 89.11 | 55 | P | P | 09 39 58.1 +0.6 |
| B08A | Colville Reser 89.16 | 40 | ↑P | P | 09 39 56.7 -0.7 |
| P11A | Circle Ranch 89.17 | 50 | ↓P | P | 09 39 58.1 +0.4 |
| K10A | MacKenzie Ranc 89.21 | 46 | P | P | 09 39 58.0 +0.3 |
| Z13A | Yuma Proving G 89.24 | 56 | P | P | 09 39 58.7 +0.6 |
| TRD | Trivandrum 89.25 | 279 | ↑ix | x | 09 40 09.0 |
| Y13A | Salome 89.25 | 55 | ↓P | P | 09 39 58.5 +0.5 |
| T12A | Moapa 89.25 | 52 | ↑P | P | 09 39 58.3 +0.2 |
| OD2 | Odessa Site #2 89.27 | 41 | eP | P | 09 39 57.8 -0.1 |
| L10A | Juniper Basin 89.31 | 47 | P | P | 09 39 58.5 +0.3 |
| U12A | Valley of Fire 89.32 | 53 | P | P | 09 39 58.6 +0.2 |
| S12A | Delamar Landin 89.36 | 52 | P | P | 09 39 59.3 +0.7 |
| E09A | Wood Farm, Sta 89.38 | 42 | ↑P | P | 09 39 58.3 -0.2 |
| O11A | Cowboy Ranch, 89.39 | 49 | ↑P | P | 09 39 59.2 +0.6 |
| X13A | Yucca 89.43 | 55 | ↓P | P | 09 39 58.6 -0.5 |
| J10A | Berg Farm, Mel 89.46 | 46 | ↓P | P | 09 39 58.6 -0.3 |
| BMO | Blue Mountains 89.48 | 44 | eP | P | 09 39 58.6 -0.4 |
| BMO | comp-Z,206nm,1.7s,mb6.2 | | | | |
| BMO | Blue Mountains 89.48 | 44 | eP | P | 09 39 58.6 -0.3 |
| BMO | comp-Z,14um,19.0s,MS6.4 | | | | |
| BMO | Hyperabad 89.48 | 288 | iP | P | 09 39 58.5 -1.1 |
| HYB | 09 43 32.0 +0.7 | | | | |
| HYB | 09 50 28.0 | | | | |
| HYB | 09 50 56.0 +2.6 | | | | |
| HYB | 09 56 40.0 -5.0 | | | | |
| HYB | 09 39 59.4 0.0 | | | | |
| W13A | Hualapai Mount 89.51 | 54 | ↑P | P | 09 39 59.4 +0.2 |
| N11A | Elko Archery C 89.51 | 48 | ↓P | P | 09 39 59.5 -0.3 |
| V13A | Grand Canyon W 89.61 | 53 | ↓P | P | 09 39 59.5 -0.3 |
| I10A | Payette 89.61 | 45 | ↑P | P | 09 39 59.6 0.0 |
| M11A | Holland Ranch, 89.63 | 48 | ↑P | P | 09 40 00.2 +0.5 |
| 214A | Organ Pipe Nat 89.65 | 57 | ↓P | P | 09 40 00.4 +0.3 |
| C09A | Chrisman Ranch 89.67 | 41 | P | P | 09 39 59.7 -0.1 |
| R12A | Pony Springs, 89.73 | 51 | P | P | 09 40 00.8 +0.6 |
| Q12A | Willow Creek R 89.73 | 50 | ↑P | P | 09 39 60.0 -0.3 |
| U13A | Pakoon Wash 89.76 | 53 | ↓P | P | 09 39 59.7 -0.8 |
| 114A | Black Gap (USA 89.77 | 57 | ↑P | P | 09 39 59.9 -0.8 |
| P12A | McGill 89.78 | 50 | ↓P | P | 09 40 00.6 +0.1 |
| K11A | Parker Ranch, 89.81 | 46 | P | P | 09 40 01.0 +0.4 |
| F10A | Beach Ranch, E 89.84 | 43 | P | P | 09 40 00.6 0.0 |
| L11A | Cat Creek Ranc 89.85 | 47 | ↑P | P | 09 40 00.9 +0.1 |
| ELK | Elko 89.86 | 48 | eP | P | 09 40 01.2 +0.4 |
| ELK | comp-Z,194nm,1.4s | | | | |
| ELK | Elko 89.86 | 48 | eP | P | 09 40 01.2 +0.3 |
| ELK | comp-Z,194nm,1.4s,mb6.2 | | | | |
| Z14A | Wintersburg 89.86 | 56 | ↑P | P | 09 40 01.4 +0.3 |
| Y14A | Wienburg 89.94 | 56 | P | P | 09 40 01.8 +0.4 |
| T13A | Saint George 89.95 | 52 | P | P | 09 40 01.9 +0.6 |
| N12A | Clover Valley, 90.03 | 48 | eP | P | 09 40 02.4 +0.7 |
| N12A | Clover Valley, 90.03 | 48 | eP | P | 09 40 01.8 +0.1 |
| N12A | Currie 90.10 | 49 | eP | P | 09 43 34.0 -1.2 |
| O12A | Camas Ranch 90.12 | 46 | ↑P | P | 09 40 02.6 +0.6 |
| S13A | Holt Ranch, En 90.12 | 52 | ↓P | P | 09 40 02.4 +0.2 |
| I11A | Placerville 90.16 | 45 | P | P | 09 40 02.4 +0.3 |
| X14A | Yava 90.16 | 55 | ↓P | P | 09 40 03.1 +0.7 |
| W14A | Seligman 90.17 | 54 | ↓P | P | 09 40 02.8 +0.4 |
| R13A | O'Grain Ranch, 90.18 | 51 | ↑P | P | 09 40 02.5 +0.1 |
| V14A | Boquillas Ranch 90.25 | 54 | P | P | 09 40 03.3 +0.5 |
| M12A | Wells 90.26 | 48 | P | P | 09 40 03.5 +0.7 |
| 115A | Sonoran Desert 90.30 | 57 | ↓P | P | 09 40 03.8 +0.7 |
| INK | Inuvik 90.31 | 19 | PKKP | PKKPbc | 09 57 31.1 -3.3 |
| INK | comp-Z,10nm,0.9s,baz=40,slow=4.3,SNR=9.8 | | | | 10 19 49.0 |
| INK | Inuvik 90.31 | 19 | eP | P | 09 40 01.6 -0.7 |
| INK | comp-Z,118nm,1.1s | | | | |
| Q13A | Wheeler Ranch, 90.33 | 50 | P | P | 09 40 03.5 +0.5 |
| L12A | House Creek Ra 90.37 | 47 | P | P | 09 40 04.0 +0.7 |
| U14A | Mt Trumbull 90.38 | 53 | P | P | 09 40 04.1 +0.7 |
| P13A | Bates Ranch, G 90.45 | 50 | ↑P | P | 09 40 03.2 -0.4 |
| Z15A | Gila River Ind 90.49 | 56 | ↑P | P | 09 40 04.2 +0.2 |
| Y15A | Casa Rosa Ranc 90.49 | 56 | ↓P | P | 09 40 02.5 -1.4 |
| ARUT | Antelope Range 90.49 | 52 | eP | P | 09 40 04.4 +0.5 |
| ARUT | comp-Z,110nm,1.1s,mb6.1 | | | | |
| ARUT | Antelope Range 90.49 | 52 | eP | P | 09 40 04.4 +0.5 |
| CCUT | comp-Z,110nm,1.1s,mb6.1 | | | | |
| CCUT | 90.50 | 52 | eP | P | 09 40 04.6 +0.7 |
| CCUT | comp-Z,205nm,1.4s,mb6.3 | | | | |
| CCUT | 90.50 | 52 | eP | P | 09 43 36.6 -2.4 |
| PTH | Pithoragarh 90.50 | 300 | ex | P | 09 40 06.2 +1.0 |

| | | | | | |
|------|------------------------|-----|-------|----|-----------------|
| NEW | Newport 90.54 | 41 | eP | P | 09 40 03.4 -0.4 |
| NEW | comp-Z,68nm,1.3s | | | | |
| NEW | Newport 90.54 | 41 | eP | P | 09 40 03.4 -0.4 |
| NEW | comp-Z,14um,19.0s | | | | |
| NEW | comp-Z,68nm,1.3s,mb5.8 | | | | |
| K12A | Draper Farm, C 90.58 | 47 | P | P | 09 40 04.6 +0.5 |
| J12A | Stokes Ranch, 90.59 | 46 | P | P | 09 40 04.7 +0.5 |
| T14A | Hurricane 90.60 | 52 | P | P | 09 40 04.7 +0.3 |
| DGAR | Diego Garcia 90.62 | 262 | PFAKE | LR | 09 40 20.0 +15 |
| DGAR | comp-Z,9um,22.0s,MS6.2 | | | | |
| O13A | Hicks Ranch, C 90.64 | 49 | ↑P | P | 09 40 04.9 +0.4 |
| N13A | Wendover, West 90.65 | 49 | P | P | 09 40 05.0 +0 |

19d 9h

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like T16A, 315A, N18A, S16A, etc.

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like L18A, I17A, Q19A, V20A, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like W22A Albuquerque, R21A Cimarron, BNM Barret, L20A Wamsutter, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like Q23A Hartsel, L22A Ellis Ranch, Z25A Roswell, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like AML Almayashu, P25A Willow Gulch, EKS2 Erkin-Say, etc.

Table with columns for call sign, frequency, mode, and other technical details. Includes entries like AB31 Akbulak array, ARU Arti, and various other stations.

Table with columns for call sign, frequency, mode, and other technical details. Includes entries like MAK Mak, TRO Tromso, and various other stations.

Table with columns for call sign, frequency, mode, and other technical details. Includes entries like BHD Baghdad, LPAZ La Paz, and various other stations.

Table with columns for location (e.g., ATAB, SCER, ERBA), time (e.g., 125.25 308), and status (e.g., PKPdf, PKP, P). Includes sub-sections like 'comp-Z,11um,28.4s' and 'comp-Z,10um,23.6s'.

Table with columns for location (e.g., WAR, L'vov, BSR), time (e.g., 129.49 328), and status (e.g., PKIPK, PKPdf, P). Includes sub-sections like 'comp-Z,11um,28.4s' and 'comp-Z,8um,21.0s'.

Table with columns for location (e.g., MORC, TURN, PSZ), time (e.g., 132.76 331), and status (e.g., PKPdf, PKP, P). Includes sub-sections like 'comp-Z,10um,20.0s' and 'comp-Z,9um,18.1s'.

Table with columns for station name, frequency, power, and various status codes. Includes stations like TANN Tannenbergestra, HAU Haudompre, and many others.

Table with columns for station name, coordinates, and various status indicators. Includes stations like ETOR Torette, DFRA Djebel Bou Aff, CTEI Djebel Teioual, etc.

Table with columns for station name, coordinates, and various status indicators. Includes stations like PVAQ, ESPR, PTEO, etc.

Table with columns for station name, coordinates, and various status indicators. Includes stations like CTAO, COEN, ARMA, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like Guiyang, Kunming, Chang Mai, Hu-ho-hao-te, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like TIXI, MWC, DAWC, EDWZ, BFSC, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like Q14A, G12A, C11A, V15A, U15A, E12A, etc.

Table with columns: ETSF, ESDC, ESLS, PAB, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix, Azimuth Covariance Matrix Inverse, Elevation Covariance Matrix Inverse, Azimuth Bias Matrix Inverse, Elevation Bias Matrix Inverse, Azimuth Variance Matrix Inverse, Elevation Variance Matrix Inverse.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix, Azimuth Covariance Matrix Inverse, Elevation Covariance Matrix Inverse, Azimuth Bias Matrix Inverse, Elevation Bias Matrix Inverse, Azimuth Variance Matrix Inverse, Elevation Variance Matrix Inverse.

IDC 19 09:42:05.0.0.7.24:04N:143.17E, h0km, mb4.1/4, mb1.4/2.16, mb1mx4.1/25, mbtmp4.0/16, ML3.7/2, Error ellipse: s-maj=24.6km s-min=15.8km az=83.0

NEIC 19 09:42:10.2.0.5.2.11N:143.18E, h35km, mb4.3/2, Error ellipse: s-maj=16.8km s-min=10.0km az=84.0

IDC 19 09:42:05.2.4.9.24:09N:106.143E:0.1, h2km, 30km, n30, o=88/29, mb4.1/16, Volcano Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix, Azimuth Covariance Matrix Inverse, Elevation Covariance Matrix Inverse, Azimuth Bias Matrix Inverse, Elevation Bias Matrix Inverse, Azimuth Variance Matrix Inverse, Elevation Variance Matrix Inverse.

WEL 19 09:43:46.0.0.1.39:70S:176.37E, h38km, 2km, ML3.5/9, Error ellipse: s-maj=1.3km s-min=0.8km az=90.0, North Island

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix, Azimuth Covariance Matrix Inverse, Elevation Covariance Matrix Inverse, Azimuth Bias Matrix Inverse, Elevation Bias Matrix Inverse, Azimuth Variance Matrix Inverse, Elevation Variance Matrix Inverse.

PLWZ Palliser 2.24 213 PN Pn 09 44 18.9 -1.6

IDC 19 09:44:34.2.1.0.11:175S:164.52E, h0km, mb4.2/7, mb1.4/8, mb1mx4.1/20, mbtmp4.2/8, ML5.0/1, Error ellipse: s-maj=30.5km s-min=21.7km az=149.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix, Azimuth Covariance Matrix Inverse, Elevation Covariance Matrix Inverse, Azimuth Bias Matrix Inverse, Elevation Bias Matrix Inverse, Azimuth Variance Matrix Inverse, Elevation Variance Matrix Inverse.

IDC 19 09:46:31.1.1.8.11:183S:164.79E, h0km, mb4.1/5, mb1.4/3.6, mb1mx4.0/19, mbtmp4.2/6, ML4.7/1, MS4.8/1, Ms1.4/8.1, ms1mx4.5/24, Error ellipse: s-maj=47.5km s-min=25.1km az=150.0

ISCJBJ 19 09:46:39.9.5.2.11S:0.2:164.6E:0.2, h75km, 42km, mb3.9/5, Error ellipse: s-maj=41.8km s-min=24.9km az=34.3

IDC 19 09:46:40.4.4.8.11:1S:0.2:164.6E:0.2, h64km, 39km, n8, o=57/79, mb4.0/5, Santa Cruz Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix, Azimuth Covariance Matrix Inverse, Elevation Covariance Matrix Inverse, Azimuth Bias Matrix Inverse, Elevation Bias Matrix Inverse, Azimuth Variance Matrix Inverse, Elevation Variance Matrix Inverse.

IDC 19 09:55:27.9.2.7.21:44N:146.46E, h0km, mb3.7/6, mb1.3/8.6, mb1mx3.6/24, mbtmp3.7/4, Error ellipse: s-maj=112.7km s-min=21.5km az=80.0, Mariana Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix, Azimuth Covariance Matrix Inverse, Elevation Covariance Matrix Inverse, Azimuth Bias Matrix Inverse, Elevation Bias Matrix Inverse, Azimuth Variance Matrix Inverse, Elevation Variance Matrix Inverse.

IDC 19 10:01:53.0.1.9.18:69N:145.89E, h0km, mb3.7/4, mb1.4/0.4, mb1mx3.6/23, mbtmp3.7/4, Error ellipse: s-maj=182.5km s-min=23.8km az=114.0, Mariana Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix, Azimuth Covariance Matrix Inverse, Elevation Covariance Matrix Inverse, Azimuth Bias Matrix Inverse, Elevation Bias Matrix Inverse, Azimuth Variance Matrix Inverse, Elevation Variance Matrix Inverse.

CASC 19 10:25:16.4.3.2.11:88N:87.34W, h5km, 17km, MD4.0, ML2.6, Near coast of Nicaragua

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix, Azimuth Covariance Matrix Inverse, Elevation Covariance Matrix Inverse, Azimuth Bias Matrix Inverse, Elevation Bias Matrix Inverse, Azimuth Variance Matrix Inverse, Elevation Variance Matrix Inverse.

IDC 19 10:26:34.7.3.7.4:47S:150.99E, h0km, mb3.9/2, mb1.4/1.3, mb1mx3.6/18, mbtmp3.9/3, ML3.6/1, Error ellipse: s-maj=118.2km s-min=47.8km az=108.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix, Azimuth Covariance Matrix Inverse, Elevation Covariance Matrix Inverse, Azimuth Bias Matrix Inverse, Elevation Bias Matrix Inverse, Azimuth Variance Matrix Inverse, Elevation Variance Matrix Inverse.

DJA 19 10:32:05.0:58N:96:55E, h73km, MLv4.6/7, ISCJBJ 19 10:32:06.3.0.5.0:21N:106:96E:0.05, h28km, mb4.2/16, Error ellipse: s-maj=10.2km s-min=5.4km az=33.4

IDC 19 10:32:08.0.7.1:5N:96:57E, h27km, 3km, mb4.0/14, mb1.4/0.16, mb1mx3.9/24, mbtmp3.9/16, ML3.6/2, MS4.0/1, Ms1.4/0.1, ms1mx3.4/40, Error ellipse: s-maj=26.3km s-min=11.1km az=52.0

s-min=11.1km az=52.0, NEIC 19 10:32:08.3.0.4.0:22N:96:68E, mb4.3/2, Error ellipse: s-maj=12.1km s-min=7.5km az=58.0, ISC 19 10:32:08.7.0.5.0:23N:106:96E:0.05, h29km, h29km, 4km, pp-P, n36, o=67/37, mb4.2/16, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix, Azimuth Covariance Matrix Inverse, Elevation Covariance Matrix Inverse, Azimuth Bias Matrix Inverse, Elevation Bias Matrix Inverse, Azimuth Variance Matrix Inverse, Elevation Variance Matrix Inverse.

IDC 19 10:35:37.3.1.4.11:31S:164:55E, h0km, mb4.3/8, mb1.4/5.1/0, mb1mx4.3/20, mbtmp4.3/10, ML4.3/2, Error ellipse: s-maj=47.9km s-min=19.9km az=140.0

NEIC 19 10:35:38.9.0.6.11:24S:164:60E, h10km, mb5.0/4, Error ellipse: s-maj=20.8km s-min=11.4km az=160.0

ISCJBJ 19 10:35:39.9.5.5.11:2S:0.1:164.46E:0.08, h28km, 40km, mb4.3/10, Error ellipse: s-maj=21.6km s-min=13.1km az=11.0

IDC 19 10:35:40.7.5.4.11:2S:0.1:164.52E:0.08, h21km, 40km, n18, o=101/18, mb4.4/11, Santa Cruz Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix, Azimuth Covariance Matrix Inverse, Elevation Covariance Matrix Inverse, Azimuth Bias Matrix Inverse, Elevation Bias Matrix Inverse, Azimuth Variance Matrix Inverse, Elevation Variance Matrix Inverse.

IDC 19 10:40:38.1.3.11:39S:164:66E, h0km, mb4.2/9, mb1.4/1.0, mb1mx4.2/19, mbtmp4.2/10, ML5.1/1, Error ellipse: s-maj=11.0km s-min=19.9km az=140.0

NEIC 19 10:40:40.9.0.8.11:24S:164:66E, h10km, mb4.6/2, Error ellipse: s-maj=25.2km s-min=13.0km az=141.0

ISCJBJ 19 10:40:42.0.7.11:30S:0:09:164:49E:0.08, h33km, mb4.2/10, Error ellipse: s-maj=13.7km s-min=10.3km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Honiara, Mont Dzumac, Charters Tower, etc.

JMA 19 10:42:37.2, 33.777N, 134.79E, h40km, 1km, M3.9, 7C-6D Broadband fault plane solution: P waves. NP: 0.55, 0.00000, 0.867, 0.00000, 1.8, 0.00000, NP2: 0.21, 0.00000, 0.883, 0.00000, 1.156, 0.00000. Principal axes: T Plg22.00000, Azm276.00000; N Plg65.00000, Azm125.00000; P Plg11.00000, Azm10.00000. Shikoku

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Aioi, Minabe, Tsuna, Murotomisaki 2, etc.

IDC 19 10:48:57.1±0.5, 10.19Sx75.44W, h0km, mb4.3/15, mb1 4.5/18, mb1mx4.4/24, mb1mp4.3/18, ML4, 1/3 Error ellipse: s-maj=15.7km s-min=12.1km az=78.0. NEIC 19 10:49:03.8±1.8, 10.22Sx75.40W, h24km, mb4.8/53, Error ellipse: s-maj=8.7km s-min=5.0km az=57.0. NEIC Felt [I] at Huancabamba and Oxapampa. ISCJBJ 19 10:49:02.0±1.2, 10.10Sx0.05E, 75.26W, h49km, 10km, mb4.7/67, Error ellipse: s-maj=11.6km s-min=7.3km az=143.5. BUJ 19 10:49:02.7, 10.20Sx75.40W, h23km, mb4.9/1. ISC 19 10:49:03.8±0.9, 10.13Sx0.05E, 75.23W, h0.6, h47km, 9km, h61km, 9, 1km, pp-P, n410, d0661/393, mb4.7/67, 139C-146D, Central Peru

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

Table with columns: Code, Station Name, Time, Res. Includes stations like Mary Lane Ranch, Hayter Ranch, Writaken Ranch, etc.

Table with columns: Code, Station Name, Time, Res. Includes stations like Edith, Petrified Fore, Forest, Gila River Ind, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes entries like EYMM Ely, L21A Rawlins, M20A Sweetwater, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes entries like J15A Blackfoot, G18A Lazy EL Ranch, M11A Holland Ranch, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes entries like C11A Teepee Creek, B12A Libby, G06A Carlson Farm, etc.

ISCJB 19 10:50:34.0:0.4, 39:65N:0:03:29:48E:0:03, h0km, Error ellipse: s-maj=3.9km s-min=3.5km az=31.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like GDZ Gediz, ULDT Uludag, etc.

IDC 19 10:51:49.7:11.0, 10:83N:91.74E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.5/2.4, mbtmp3.7/4, Error ellipse: s-maj=586.6km s-min=25.6km az=60.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like MKAR Makanchi Array, FITZ Fitzroy Crossi, etc.

IDC 19 10:51:54.3:2.3, 10:82S:164:18E, h0km, mb3.9/6, mb1 4.1/6, mb1mx3.8/1.7, mbtmp3.9/6, Error ellipse: s-maj=86.9km s-min=23.0km az=124.0, Santa Cruz Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like STKA Stephens Creek, WRA Warramunga Arr, etc.

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

ISCJB 19 10:55:52.1±0.4, 0.27N, 101.04°E, h29km, mb4.2/19, Error ellipse: s-maj=6.5km s-min=5.3km az=142.3

NEIC 19 10:55:54.0±0.3, 0.29N, 96.66E, mb4.3/3, Error ellipse: s-maj=9.8km s-min=6.9km az=67.0

IDC 19 10:55:54.1±0.7, 0.23N, 96.58E, h29km, mb4.0/16, mb1.4/18, mb1mx3.9/26, mbtmp4.0/18, ML4.2/2, MS3.7/1, Ms1.3.7/1, ms1mx3.4/43, Error ellipse: s-maj=22.0km s-min=12.1km az=56.0

DJA 19 10:55:55.0±0.32N, 96.81E, h30km, MLv4.7/13, ISC 19 10:55:54.4±0.4, 0.28N, 100.9672E, 0.04, h31km, h31km, 4km; pP, n46, 0.0677/45, mb4.2/19, Off west coast of northern Sumatra

Main table for station data on the left side, including stations like SISI, MNSI, TPTI, PSI, etc.

ISCJB 19 10:59:37.8±0.5, 24.17N, 101.03°E, h11km, h51km, 11km, Error ellipse: s-maj=5.8km s-min=3.2km az=4.3

TAP 19 10:59:37.7, 24.20N, 122.72E, h27km, 1km, ML3.3, D JMA 19 10:59:38.2±0.1, 24.38N, 122.78E, h62km, 1km, M2.6

ISC 19 10:59:38.4±0.5, 24.18N, 101.03°E, h46km, 14km, n34, 0.065/66, Taiwan region

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

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

NOU 19 11:01:14.9±0.9, 10.64S, 165.03E, h30km, ISCJB 19 11:01:14.9±1.1, 11.15S, 164.58E, 0.02, h5km, 7km, mb5.7/162, MS5.9/256, Error ellipse: s-maj=4.9km s-min=3.2km az=172.1

IDC 19 11:01:15.3±0.3, 11.05S, 164.57E, h0km, mb5.4/33, mb1.5/435, mb1mx5.4/36, mbtmp5.4/35, ML5.3/2, MS5.8/26, Ms1.5.8/26, ms1mx5.7/31, Error ellipse: s-maj=10.2km s-min=9.0km az=136.0

NEIC 19 11:01:17.7±0.1, 11.07S, 164.62E, h10km, mb5.8/81, MS5.9/202, MW6.2, MW6.2, Error ellipse: s-maj=5.9km s-min=5.1km az=156.0, Moment Tensor Solution. s38

Moment tensor: Scale 1018Nm; M1: 2.09; M2: 1.13; M3: 0.96; M4: 0.58; M5: 0.58; M6: 1.17; Best double couple: M2: 90.0000°, N1: 207.0000°, N2: 207.0000°, N3: 102.0000°, N4: 54.0000°, N5: 23.0000°, N6: 0.0000°. Principal axes: T: 2.4700, Plg2: 4.0000°, Azm301.0000°; N: 0.7500, Plg1: 1.0000°, Azm206.0000°; P: -3.2200, Plg2: 0.0000°, Azm93.0000°

BUI 19 11:01:17.0, 10.97S, 165.160E, h41km, mb6.2/45, mb5.4/58, Ms6.2/67, Ms7.6/0/59

DJA 19 11:01:19.1, 11.38S, 164.68E, h30km, mb5.7/36, MOS 19 11:01:20.6±1.4, 10.92S, 164.44E, h33km, mb5.8/54, MS6.0/52, Error ellipse: s-maj=9.5km s-min=7.3km az=119.2

GCMT 19 11:01:23.0, 11.18S, 164.45E, h12km, MW6.2, Moment Tensor Solution. s99±203; s97±102; Moment tensor: Scale 1018Nm; M1: 2.26; M2: 1.06; M3: 1.21; M4: 0.55; M5: 1.12; M6: 0.01; Best double couple: M2: 40.0000°, N1: 207.0000°, N2: 207.0000°, N3: 113.0000°, N4: 59.0000°, N5: 84.0000°, N6: 67.0000°. Principal axes: T: 2.2600, Plg0: 0.0000°, Azm133.0000°; N: 0.2300, Plg1: 0.0000°, Azm223.0000°; P: -2.4800, Plg3: 0.0000°, Azm437.0000°; Data Used: IU UC G-Net, Surface waves: sta=117, comp=286, per=50

ISC 19 11:01:19.6±1.1, 11.16S, 164.58E, 0.02, h25km, 7km, h39km, 1.4km; pP, n1182, 0.0857/20, ms5.7/162, MS5.9/256, 191C-196D, Santa Cruz Islands region

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

Main table for station data on the right side, including stations like NORM, LASL, PLUM, MSVF, etc.

Table with columns for station call letters, frequency, and various signal quality metrics (e.g., SNR, S/N, etc.). Includes stations like GYA, GYB, GYD, etc.

Table with columns for station call letters, frequency, and various signal quality metrics. Includes stations like LZH, SEY, CLNS, OHAK, CIT, GAMB, etc.

Table with columns for station call letters, frequency, and various signal quality metrics. Includes stations like CAL, TRF, BPAW, BMRM, MOY, MOCM, etc.

| | | | | | | | |
|-------|--|-------|-----|----|---|------------|------|
| MPMC | Manual Prospec | 86.89 | 53 | ↑P | P | 11 14 02.4 | -0.2 |
| NVAR | Minna Array Base | 86.93 | 50 | ↑P | P | 11 14 02.8 | +0.1 |
| NVAR | comp=Z,277m,1.0s,mb5.4,baz=235,slow=5.9,SNR=58 | | | | | 11 32 00.0 | +2.8 |
| NVAR | comp=Z,1.1nm,0.9s,ba=117,slow=2.9,SNR=7.0 | | | | | 11 40 01.6 | |
| NVAR | comp=Z,1.1nm,0.9s,ba=117,slow=2.9,SNR=7.0 | | | | | 11 40 01.6 | |
| DLBC | Dease Lake | 87.03 | 29 | ↑P | P | 11 14 02.5 | -0.1 |
| DLBC | comp=Z,14m,0.9s,mb5.2,baz=228,slow=1.1,SNR=6.7 | | | | | 11 49 40.5 | |
| PFC | comp=Z,3um,18.4s,MS5.7,baz=263,slow=33 | | | | | 11 14 04.0 | +0.7 |
| PFO | Pinyon Flat Ob | 87.05 | 55 | ↑P | P | 11 14 03.4 | 0.0 |
| PFO | comp=Z,159m,2.0s,mb5.9,SNR=9.2 | | | | | 11 14 04.0 | 0.0 |
| PFO | Pinyon Flat Ob | 87.05 | 55 | ↑P | P | 11 14 04.3 | +1.0 |
| PFO | comp=Z,14m,0.9s,mb5.2,baz=228,slow=1.1,SNR=6.7 | | | | | 11 14 20.0 | +1.7 |
| PFO | Pinyon Flat Ob | 87.05 | 55 | ↑P | P | 11 14 04.3 | +1.0 |
| PFO | comp=Z,5um,19.0s,MS5.9 | | | | | 11 14 20.0 | +1.7 |
| DVTC | Desert V Tower | 87.08 | 56 | ↑P | P | 11 14 01.9 | -1.7 |
| D05A | Enumclaw | 87.09 | 41 | ↑P | P | 11 14 03.6 | +0.5 |
| VIPM | Ingram Point | 87.11 | 44 | ↑P | P | 11 14 04.0 | +0.6 |
| WPW | White Pass | 87.21 | 41 | ↑P | P | 11 14 03.9 | +0.1 |
| GSC | Goldie Ranch | 87.22 | 53 | ↑P | P | 11 14 02.9 | -1.2 |
| GRAC | Grapevine Rang | 87.24 | 52 | ↑P | P | 11 14 02.8 | -1.4 |
| G06A | Carlson Farm | 87.33 | 43 | ↑P | P | 11 14 04.1 | -0.4 |
| SW6A | Sam W. Stewart | 87.41 | 56 | ↑P | P | 11 14 05.9 | +0.8 |
| HEC | Hector Ludlow | 87.47 | 54 | ↑P | P | 11 14 05.8 | +0.4 |
| FURC | Furnace Creek | 87.49 | 52 | ↑P | P | 11 14 05.0 | -0.5 |
| BELC | Belle Mtn. Jos | 87.52 | 55 | ↑P | P | 11 14 05.9 | +0.3 |
| A05A | Maple Falls | 87.64 | 39 | ↑P | P | 11 14 05.9 | -0.2 |
| TPH | Tonopah | 87.65 | 51 | ↑P | P | 11 14 20.0 | +1.4 |
| NAC | Naches | 87.69 | 42 | ↑P | P | 11 14 06.8 | +0.7 |
| I07A | Ize | 87.74 | 44 | ↑P | P | 11 14 05.5 | -1.0 |
| SHOC | Shoshone | 87.79 | 53 | ↑P | P | 11 14 06.0 | -0.8 |
| WVOR | Wild Horse Val | 87.85 | 46 | ↑P | P | 11 14 07.7 | +0.7 |
| WVOR | comp=Z,317m,1.9s,mb6.2 | | | | | 11 14 07.7 | +0.7 |
| WVOR | comp=Z,4um,20.0s,MS5.8 | | | | | 11 14 07.7 | +0.6 |
| WVOR | comp=Z,317m,1.9s,mb6.2 | | | | | 11 14 07.7 | +0.6 |
| BC3 | Big Chuckawall | 87.87 | 55 | ↑P | P | 11 14 07.1 | -0.1 |
| U10A | Ash Meadows, A | 87.89 | 52 | ↑P | P | 11 14 06.2 | -1.1 |
| TUQ | Turquoise Moun | 87.95 | 53 | ↑P | P | 11 14 07.4 | -0.2 |
| GMRC | Granite Mounta | 87.99 | 54 | ↑P | P | 11 14 08.0 | +0.1 |
| F07A | Phinny Hill Vi | 88.01 | 43 | ↑P | P | 11 14 07.3 | -0.4 |
| S10A | Tonopah Range | 88.09 | 51 | ↑P | P | 11 14 08.0 | -0.2 |
| GLA | Glamis | 88.22 | 56 | ↑P | P | 11 14 09.2 | +0.2 |
| IRM | Iron Mountain | 88.24 | 55 | ↑P | P | 11 14 08.8 | -0.3 |
| J08A | Circle Bar Ran | 88.24 | 45 | ↑P | P | 11 14 08.6 | -0.2 |
| BMN | Battle Mountai | 88.30 | 48 | ↑P | P | 11 14 20.0 | +1.1 |
| WMQ | Urumqi | 88.40 | 315 | ↑P | P | 11 14 09.4 | -0.2 |
| WMQ | comp=Z,2um,19.0s,MS5.6 | | | | | 11 14 22.9 | +5.1 |
| WMQ | comp=Z,2um,19.0s,MS5.6 | | | | | 11 14 28.0 | +7.3 |
| WMQ | comp=Z,2um,19.0s,MS5.6 | | | | | 11 17 39.3 | +1.6 |
| WMQ | comp=Z,2um,19.0s,MS5.6 | | | | | 11 24 32.0 | |
| WMQ | comp=Z,2um,19.0s,MS5.6 | | | | | 11 24 48.5 | -5.1 |
| WMQ | comp=Z,2um,19.0s,MS5.6 | | | | | 11 25 11.3 | +4.2 |
| WMQ | comp=Z,66m,1.4s,mb5.7 | | | | | | |
| WMQ | comp=Z,2um,5.8s | | | | | | |
| WMQ | comp=N,6um,21.8s,MS6.2 | | | | | | |
| WMQ | comp=E,8um,23.2s,MS6.2 | | | | | | |
| HAWA | Hanford | 88.43 | 42 | ↑P | P | 11 14 20.0 | +1.0 |
| GBB | Gable Peak | 88.43 | 42 | ↑P | P | 11 14 10.4 | +0.8 |
| V11A | Goodsprings | 88.48 | 53 | ↑P | P | 11 14 09.5 | -0.5 |
| Q10A | Clear Creek Ra | 88.48 | 50 | ↑P | P | 11 14 07.0 | -3.0 |
| G08A | Pilot Rock | 88.48 | 43 | ↑P | P | 11 14 09.3 | -0.6 |
| U11A | Corn Creek | 88.63 | 53 | ↑P | P | 11 14 10.1 | -0.8 |
| P10A | Eureka | 88.64 | 49 | ↑P | P | 11 14 11.3 | +0.5 |
| S11A | Rachel | 88.66 | 51 | ↑P | P | 11 14 10.6 | -0.3 |
| W12A | Cal Nev Ari | 88.75 | 54 | ↑P | P | 11 14 11.8 | +0.4 |
| E08A | Dider Farm, El | 88.77 | 42 | ↑P | P | 11 14 11.9 | +0.6 |
| O10A | Cortez Mining | 88.80 | 49 | ↑P | P | 11 14 10.2 | -1.3 |
| NEE2 | Needles Airpor | 88.81 | 54 | ↑P | P | 11 14 11.9 | +0.1 |
| V12A | Nelson | 88.87 | 53 | ↑P | P | 11 14 11.1 | -0.9 |
| T11A | Corn Creek, Al | 88.96 | 52 | ↑P | P | 11 14 12.5 | +0.2 |
| R11A | Troy Canyon, C | 88.97 | 51 | ↑P | P | 11 14 12.6 | +0.2 |
| I13A | Mohawk Valley | 89.02 | 56 | ↑P | P | 11 14 13.1 | +0.3 |
| D08A | Wollman Farm | 89.03 | 42 | ↑P | P | 11 14 12.4 | 0.0 |
| Q11A | Duckwater | 89.04 | 50 | ↑P | P | 11 14 12.9 | +0.2 |
| PDMCI | Parker Dam,Lak | 89.08 | 55 | ↑P | P | 11 14 12.5 | -0.6 |
| M10A | I.L. Ranch, Tu | 89.10 | 47 | ↑P | P | 11 14 13.0 | +0.1 |
| P01A | Circle Ranch | 89.15 | 40 | ↑P | P | 11 14 13.5 | +0.3 |
| B08A | Colville Reser | 89.16 | 40 | ↑P | P | 11 14 12.8 | -0.2 |
| K10A | MacKenzie Ranc | 89.20 | 46 | ↑P | P | 11 14 13.4 | 0.0 |
| Z13A | Yuma Proving G | 89.21 | 56 | ↑P | P | 11 14 14.0 | +0.3 |
| Y13A | Salom | 89.22 | 55 | ↑P | P | 11 14 14.3 | +0.6 |
| T12A | Moapa | 89.22 | 52 | ↑P | P | 11 14 13.5 | -0.1 |
| U12A | Valley of Fire | 89.29 | 53 | ↑P | P | 11 14 13.0 | -0.9 |
| L10A | Juniper Basin | 89.30 | 47 | ↑P | P | 11 14 13.2 | -0.7 |
| S12A | Delamar Landi | 89.34 | 52 | ↑P | P | 11 14 14.7 | +0.5 |
| O11A | Cowboy Ranch | 89.38 | 49 | ↑P | P | 11 14 14.1 | -0.2 |
| E09A | Wood Farm, Sta | 89.38 | 42 | ↑P | P | 11 14 13.4 | -0.7 |
| X13A | Yucca | 89.40 | 55 | ↑P | P | 11 14 13.7 | -0.8 |
| J10A | Berg Farm, Mel | 89.45 | 46 | ↑P | P | 11 14 14.5 | 0.0 |
| BMO | Blue Mountains | 89.47 | 44 | ↑P | P | 11 14 30.0 | +1.5 |

| | | | | | | | |
|------|---|-------|-----|----|---|--------------|------|
| W13A | Hualapai Mount | 89.48 | 54 | ↑P | P | 11 14 14.8 | 0.0 |
| N11A | Elko Archery C | 89.50 | 48 | ↑P | P | 11 14 15.1 | +0.4 |
| V13A | Great Canyon W | 89.58 | 53 | ↑P | P | 11 14 15.2 | -0.1 |
| HYB | Hyderabad | 89.60 | 288 | ↑P | P | 11 14 16.5 | +0.7 |
| HYB | Hyderabad | 89.60 | 288 | ↑P | P | 11 26 16.0 | +1.7 |
| HYB | Hyderabad | 89.60 | 288 | ↑P | P | 11 14 14.7 | -0.5 |
| I10A | Payette | 89.61 | 45 | ↑P | P | 11 14 16.8 | +1.2 |
| 214A | Organ Pipe Nat | 89.61 | 57 | ↑P | P | 11 14 15.2 | -0.2 |
| M11A | Holland Ranch | 89.61 | 48 | ↑P | P | 11 14 14.6 | -0.8 |
| C09A | Chrisman Ranch | 89.67 | 41 | ↑P | P | 11 14 16.1 | +0.3 |
| R12A | Pony Springs | 89.70 | 51 | ↑P | P | 11 14 16.0 | +0.2 |
| Q12A | Willow Creek R | 89.71 | 50 | ↑P | P | 11 14 16.3 | +0.3 |
| U13A | Pakoon Wash | 89.73 | 53 | ↑P | P | 11 14 15.4 | -0.7 |
| 114A | Blag Gap (USA | 89.74 | 57 | ↑P | P | 11 14 16.1 | +0.1 |
| P12A | McGill | 89.77 | 50 | ↑P | P | 11 14 15.9 | -0.3 |
| K11A | Penk Ranch | 89.79 | 46 | ↑P | P | 11 14 17.0 | +0.5 |
| Z14A | Wintersburg | 89.83 | 56 | ↑P | P | 11 14 16.6 | +0.2 |
| L11A | Cat Creek, Ranc | 89.83 | 47 | ↑P | P | 11 14 15.7 | -0.6 |
| F10A | Beach Ranch, E | 89.84 | 43 | ↑P | P | 11 14 17.4 | +1.0 |
| ELK | Elko | 89.84 | 48 | ↑P | P | 11 14 17.4 | +1.0 |
| ELK | comp=Z,122m,1.4s | | | | | 11 14 17.4 | +1.0 |
| ELK | comp=Z,3um,19.0s | | | | | 11 14 17.4 | +1.0 |
| ELK | comp=Z,122m,1.4s,mb5.0 | | | | | 11 14 17.4 | +1.0 |
| Y14A | Wickenburg | 89.91 | 55 | ↑P | P | 11 14 17.0 | +0.1 |
| T13A | Saint George | 89.92 | 52 | ↑P | P | 11 14 17.4 | +0.5 |
| N12A | Clover Valley | 90.02 | 48 | ↑P | P | 11 14 17.7 | +0.5 |
| N12A | Clover Valley | 90.02 | 48 | ↑P | P | 11 14 17.7 | +0.5 |
| O12A | Currie | 90.08 | 49 | ↑P | P | 11 14 17.9 | +0.3 |
| S13A | Holt Ranch, En | 90.10 | 52 | ↑P | P | 11 14 17.6 | 0.0 |
| MFID | Camas Ranch | 90.11 | 46 | ↑P | P | 11 14 18.6 | +0.7 |
| X14A | Yava | 90.13 | 55 | ↑P | P | 11 14 18.3 | +0.3 |
| W14A | Seligman | 90.14 | 54 | ↑P | P | 11 14 17.8 | 0.0 |
| I11A | Placerville | 90.15 | 45 | ↑P | P | 11 14 18.7 | +0.7 |
| R13A | O'Grain Ranch | 90.16 | 51 | ↑P | P | 11 14 19.0 | +0.7 |
| V14A | Boquillas Ranc | 90.23 | 54 | ↑P | P | 11 14 18.6 | +0.4 |
| M12A | Wells | 90.25 | 48 | ↑P | P | 11 14 19.5 | +0.9 |
| 115A | Sonoran Desert | 90.26 | 57 | ↑P | P | 11 14 19.0 | +0.4 |
| Q13A | Wheeler Ranch | 90.31 | 50 | ↑P | P | 11 14 19.5 | +0.6 |
| U14A | Mt Trumbull | 90.35 | 53 | ↑P | P | 11 14 19.5 | +0.7 |
| L12A | House Creek Ra | 90.36 | 47 | ↑P | P | 11 14 17.8 | -0.5 |
| INK | Inuvik | 90.36 | 19 | ↑P | P | 11 48 50.4 | |
| INK | comp=Z,6.2m,0.7s,mb5.1,baz=216,slow=5.8,SNR=7.7 | | | | | 11 14 19.7 | +0.5 |
| P13A | Bates Ranch, G | 90.43 | 50 | ↑P | P | 11 14 19.4 | -0.1 |
| Y15A | Casa Rosa Ranc | 90.46 | 56 | ↑P | P | 11 14 19.8 | +0.4 |
| ARUT | Antelope Range | 90.47 | 52 | ↑P | P | 11 14 19.8 | +0.3 |
| ARUT | Antelope Range | 90.47 | 52 | ↑P | P | 11 14 19.8 | +0.3 |
| NEW | Newport | 90.54 | 41 | ↑P | P | 11 14 30.0 | +1.1 |
| K12A | Draper Farm, C | 90.56 | 47 | ↑P | P | 11 14 20.1 | +0.2 |
| T14A | Hurricane | 90.57 | 52 | ↑P | P | 11 14 20.2 | +0.4 |
| J12A | Stokes Ranch | 90.58 | 46 | ↑P | P | 11 14 20.1 | 0.0 |
| O13A | Wendover, West | 90.62 | 49 | ↑P | P | 11 14 20.3 | +0.2 |
| N13A | Wendover, West | 90.63 | 49 | ↑P | P | 11 14 20.5 | +0.4 |
| X15A | Humboldt | 90.66 | 55 | ↑P | P | 11 14 22.0 | -0.1 |
| 116A | Elo | 90.66 | 57 | ↑P | P | 11 14 22.0 | +1.6 |
| S14A | Cedar City | 90.67 | 52 | ↑P | P | 11 14 21.0 | +0.6 |
| I12A | Atlanta | 90.69 | 46 | ↑P | P | 11 14 20.6 | +0.3 |
| DGAR | Diego Garcia | 90.71 | 262 | ↑P | P | 11 14 30.0 | +8.9 |
| 216A | Three Points | 90.75 | 58 | ↑P | P | 11 14 21.7 | +0.9 |
| M13A | Montello | 90.78 | 48 | ↑P | P | 11 14 20.8 | 0.0 |
| W15A | Williams | 90.79 | 54 | ↑P | P | 11 14 21.9 | +0.9 |
| Q14A | Sevier Lake (B | 90.88 | 51 | ↑P | P | 11 14 21.3 | 0.0 |
| G12A | Big Creek, Yel | 90.90 | 44 | ↑P | P | 11 14 20.9 | -0.3 |
| R14A | Jans Farms, M | 90.91 | 51 | ↑P | P | 11 14 21.7 | +0.2 |
| C11A | Tepee Creek (N | 90.99 | 41 | ↑P | P | 11 14 21.5 | -0.4 |
| V15A | Kaibab Nationa | 91.01 | 54 | ↑P | P | 11 14 22.4 | +0.5 |
| U15A | North Rim | 91.05 | 53 | ↑P | P | 11 14 22.7 | +0.4 |
| Z16A | Peralta Trail | 91.06 | 56 | ↑P | P | 11 14 21.4 | -0.6 |
| E12A | Beaver Dam Sad | 91.07 | 43 | ↑P | P | 11 14 21.6 | -0.6 |
| H12A | Diamond D Ranc | 91.08 | 45 | ↑P | P | 11 14 21.6 | -0.6 |
| T15A | Red Dirt Ranch | 91.11 | 53 | ↑P | P | 11 14 22.1 | -0.3 |
| L13A | Dodie Diamond | 91.12 | 47 | ↑P | P | 11 14 22.7 | +0.3 |
| Y16A | Circle Bar Ran | 91.14 | 56 | ↑P | P | 11 14 22.4 | 0.0 |
| HLID | Hailey | 91.14 | 46 | ↑P | P | 11 14 30.0 | +7.6 |
| HLID | Hailey | 91.14 | 46 | ↑P | P | 11 14 30.0 | +7.6 |
| K13A | Stover Farm, H | 91.15 | 47 | ↑P | P | 11 14 22.9 | +0.4 |
| P14A | Drum Mountains | 91.17 | 50 | ↑P | P | 11 14 22.6 | 0.0 |
| 217A | Green Valley | 91.23 | 58 | ↑P | P | 11 14 24.1 | +1.0 |
| J13A | Cove Ranch, Pi | 91.27 | 46 | ↑P | P | 11 14 23.6</ | |

| | | | | | |
|-------|--|--------|--------|--------|-----------------|
| RES | comp=Z,3um,21.0s,M55.7 | 16 | Pdif | Pdif | 11 15 20.4 +2.4 |
| RES | comp=Z,2.7nm,0.7s,baz=270,slow=9.1,SNR=3.5 | 16 | Pmax | Pmax | 11 15 20.4 +2.5 |
| HKT | comp=Z,3.0nm,0.7s | 62 | PFAKE | LR | 11 15 30.0 +11 |
| KSUI | comp=Z,5um,20.0s,M56.0 | 52 | PFAKE | LR | 11 15 30.0 +11 |
| ECSD | comp=Z,4um,19.0s,M55.9 | 43 | PFAKE | LR | 11 15 30.0 +10 |
| ULM | comp=Z,3um,19.0s,M55.8 | 104.56 | Pdif | Pdif | 11 15 25.0 +2.2 |
| ULM | comp=Z,2.2nm,0.4s,baz=268,slow=4.3,SNR=3.0 | 104.56 | Pdif | Pdif | 11 15 25.0 +2.2 |
| AGMN | comp=Z,3um,19.0s,M55.9 | 43 | PFAKE | LR | 11 15 30.0 +7.2 |
| PAYG | comp=Z,3um,19.0s,M55.8 | 94 | PFAKE | LR | 11 15 40.0 +17 |
| NATX | comp=Z,3um,22.0s,M55.7 | 60 | PFAKE | LR | 11 15 40.0 +16 |
| MIAR | comp=Z,5um,20.0s,M56.1 | 57 | PFAKE | LR | 11 19 50.0 +8.3 |
| SCIA | comp=Z,5um,19.0s,M56.1 | 106.39 | PFAKE | LR | 11 19 50.0 +7.6 |
| EYMN | comp=Z,3um,19.0s,M55.9 | 43 | PFAKE | LR | 11 20 00.0 +16 |
| PLCA | comp=Z,2um,19.0s,M55.7 | 107.51 | PFAKE | LR | 11 20 00.0 +15 |
| MSEY | comp=Z,3um,20.0s,M56.1 | 107.78 | PFAKE | LR | 11 20 00.0 +14 |
| CCM | comp=Z,3um,21.0s,M55.9 | 54 | PFAKE | LR | 11 20 00.0 +15 |
| ABKAR | comp=Z,3um,19.0s,M55.9 | 107.95 | ePdif | Pdif | 11 15 38.8 +0.8 |
| ARU | comp=Z,1.0nm,0.7s | 108.10 | ePKP | PKIKP | 11 19 43.1 -2.0 |
| VBMS | comp=Z,6um,22.0s,M56.1 | 60 | PFAKE | LR | 11 20 00.0 +14 |
| JFWS | comp=Z,4um,20.0s,M56.0 | 48 | PFAKE | LR | 11 20 00.0 +14 |
| AKTO | comp=Z,3um,19.0s,M55.9 | 109.10 | PKKPbc | PKKPbc | 11 30 55.0 -0.7 |
| OXF | comp=Z,3.2nm,1.0s,baz=280,slow=5.3,SNR=7.3 | 109.35 | PFAKE | LR | 11 20 00.0 +12 |
| HDIL | comp=Z,3um,20.0s,M55.9 | 109.36 | PFAKE | LR | 11 20 00.0 +12 |
| TEIG | comp=Z,3um,22.0s,M55.8 | 109.69 | PFAKE | LR | 11 20 00.0 +11 |
| TGUH | comp=Z,3um,19.0s,M55.8 | 110.71 | PFAKE | LR | 11 20 00.0 +10 |
| WWT | comp=Z,5um,20.0s,M56.1 | 110.63 | PFAKE | LR | 11 20 00.0 +9.5 |
| KBS | comp=Z,3um,20.0s,M55.8 | 110.93 | PFAKE | LR | 11 20 00.0 +10 |
| BRAL | comp=Z,3um,22.0s,M55.8 | 111.31 | PFAKE | LR | 11 20 00.0 +8.1 |
| LRL | comp=Z,4um,19.0s,M56.0 | 111.36 | PFAKE | LR | 11 20 00.0 +8.0 |
| JTS | comp=Z,4um,20.0s,M56.0 | 111.78 | PFAKE | LR | 11 20 10.0 +17 |
| WCI | comp=Z,5um,21.0s,M56.1 | 111.78 | PFAKE | LR | 11 20 00.0 +7.4 |
| GLMI | comp=Z,4um,20.0s,M55.9 | 112.49 | PFAKE | LR | 11 20 10.0 +16 |
| LOCO | comp=Z,4um,19.0s,M56.0 | 113.34 | PFAKE | LR | 11 20 10.0 +14 |
| AAM | comp=Z,5um,21.0s,M56.1 | 113.47 | PFAKE | LR | 11 20 10.0 +14 |
| CFAA | comp=Z,3um,20.0s,M56.0 | 113.81 | PKIKP | PKIKP | 11 19 57.9 +0.9 |
| ACSO | comp=Z,0.4nm,0.8s,baz=257,slow=3.7,SNR=5.0 | 114.20 | PFAKE | LR | 11 20 10.0 +13 |
| GOGA | comp=Z,4um,19.0s,M56.0 | 114.31 | PFAKE | LR | 11 20 10.0 +12 |
| TRQA | comp=Z,5um,19.0s,M56.1 | 114.47 | PFAKE | LR | 11 20 10.0 +12 |
| LVZ | comp=Z,4um,22.0s,M56.0 | 114.62 | PFAKE | LR | 11 20 10.0 +11 |
| NNA | comp=Z,5um,22.0s,M56.1 | 114.77 | PFAKE | LR | 11 20 10.0 +11 |
| APA | comp=Z,3um,21.0s,M55.9 | 115.20 | ePKP | PKIKP | 11 19 58.0 -0.3 |
| KEV | comp=Z,1.6nm,1.0s | 115.63 | MLR | MLR | 11 20 10.0 +11 |
| ARCES | comp=Z,4um,19.0s,M56.1 | 116.17 | PKP | PKP | 11 19 58.8 -1.3 |
| AREO | comp=Z,1.3nm,0.5s,baz=240,slow=2.4,SNR=14 | 116.29 | ePKP | PKP | 11 20 00.7 +0.6 |
| DWPF | comp=Z,3um,19.0s,M56.0 | 116.22 | PFAKE | LR | 11 20 10.0 +8.6 |
| SADO | comp=Z,2um,19.0s,M55.7 | 116.35 | PKP | PKP | 11 20 00.6 -0.6 |
| OTAV | comp=Z,4um,20.0s,M56.1 | 116.43 | PFAKE | LR | 11 20 20.0 +18 |
| BLA | comp=Z,2um,19.0s,M55.8 | 116.50 | PFAKE | LR | 11 20 10.0 +8.3 |
| BCIP | comp=Z,3um,21.0s,M55.9 | 116.62 | PFAKE | LR | 11 20 10.0 +7.4 |
| MCWV | comp=Z,3um,21.0s,M55.8 | 116.66 | PFAKE | LR | 11 20 10.0 +8.1 |
| NHSC | comp=Z,5um,19.0s,M56.2 | 117.07 | PFAKE | LR | 11 20 20.0 +17 |
| SUMG | comp=Z,4um,22.0s,M56.0 | 117.08 | ePKP | PKP | 11 20 02.8 +1.0 |
| CNNC | comp=Z,3um,21.0s,M55.9 | 118.76 | PFAKE | LR | 11 20 20.0 +14 |
| CBN | comp=Z,3um,19.0s,M55.9 | 118.77 | PFAKE | LR | 11 20 20.0 +14 |
| VRHR | comp=Z,4um,20.0s,M56.1 | 119.10 | ePKIKP | PKP | 11 20 06.1 -0.2 |

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|-------|--|--------|--------|------|-----------------|
| VRHR | comp=Z,30nm,1.0s | | pmax | pmax | |
| BINY | comp=E,5.0nm,0.5s | 119.11 | PFAKE | LR | 11 20 20.0 +13 |
| LONY | comp=Z,4um,19.0s,M56.1 | 119.56 | PFAKE | LR | 11 20 20.0 +13 |
| MTDJ | comp=Z,3um,20.0s,M56.0 | 119.69 | PFAKE | LR | 11 20 20.0 +12 |
| GNI | comp=Z,2um,20.0s,M55.8 | 119.89 | ePKP | PKP | 11 20 08.7 +0.6 |
| GNI | comp=Z,2um,20.0s,M55.8 | 119.89 | ePKP | PKP | 11 20 08.7 +0.6 |
| ZEI | comp=Z,3um,20.0s,M55.9 | 119.96 | ePKIKP | PKP | 11 20 10.7 +2.5 |
| NCB | comp=Z,13nm,0.5s | 119.97 | PFAKE | LR | 11 20 20.0 +12 |
| OBN | comp=Z,3um,19.0s,M55.9 | 120.33 | ePKIKP | PKP | 11 20 07.8 -0.7 |
| OBN | comp=Z,3um,19.0s,M55.9 | 120.33 | ePKIKP | PKP | 11 20 07.8 -0.7 |
| OBN | comp=Z,40nm,1.6s | | MLR | MLR | |
| OBN | comp=Z,6um,21.0s,M56.2 | 120.33 | ePKP | PKP | 11 20 06.9 -1.6 |
| VSR | comp=Z,6um,20.0s,M56.2 | 120.50 | ePKIKP | PKP | 11 20 06.5 -2.5 |
| VSR | comp=N,140nm,4.2s | | pmax | pmax | |
| VSR | comp=E,180nm,4.2s | | pmax | pmax | |
| VSR | comp=Z,70nm,2.1s | | pmax | pmax | |
| VSR | comp=N,210nm,6.7s | | pmax | pmax | |
| VSR | comp=E,530nm,6.7s | | pmax | pmax | |
| VSR | comp=Z,1um,6.7s | | MLR | MLR | |
| VSR | comp=N,1um,24.0s,M55.9 | | MLR | MLR | |
| VSR | comp=E,3um,24.0s,M55.9 | | MLR | MLR | |
| VSR | comp=Z,6um,24.0s,M56.1 | 120.52 | ePKIKP | PKP | 11 20 07.0 -2.0 |
| VSR | comp=Z,330nm,5.0s | | pmax | pmax | |
| VSR | comp=N,110nm,0.8s | | pmax | pmax | |
| VSR | comp=E,200nm,0.7s | | MLR | MLR | |
| VSR | comp=N,1um,20.0s,M55.9 | | MLR | MLR | |
| VSR | comp=E,2um,20.0s,M55.9 | | MLR | MLR | |
| KIV | comp=Z,4um,20.0s,M56.0 | 120.53 | ePKIKP | PKP | 11 20 08.7 -0.5 |
| KIV | comp=Z,19nm,1.2s | | MLR | MLR | |
| KIV | comp=Z,6um,22.0s,M56.2 | 120.53 | ePKP | PKP | 11 20 08.8 -0.4 |
| SCHO | comp=Z,6um,21.0s,M56.2 | 120.70 | PKP | PKP | 11 20 10.1 +0.9 |
| SCHO | comp=Z,4.0nm,0.8s,baz=340,slow=3.4,SNR=5.5 | | PKP | PKP | 11 30 16.0 +1.3 |
| SCHO | comp=Z,9.1nm,1.0s,baz=89,slow=8.0,SNR=4.9 | 120.70 | PKP | PKP | 11 20 10.1 +0.9 |
| SCHO | comp=Z,4um,19.0s,M56.1 | 121.11 | PKP | PKP | 11 20 11.8 +0.7 |
| LPAZ | comp=Z,33nm,1.2s,baz=124,slow=1.7,SNR=26 | 121.11 | PKP | PKP | 11 20 11.8 +0.6 |
| LPAZ | comp=Z,33nm,1.2s | 121.11 | PKP | PKP | 11 20 12.9 +1.7 |
| BHD | comp=Z,4um,20.0s,M56.0 | 121.27 | PKP | PKP | 11 20 10.0 |
| FINES | comp=Z,1.3nm,1.0s,baz=198,slow=5.6,SNR=4.0 | 121.47 | PKP | PKP | 11 30 14.4 +1.3 |
| FINES | comp=Z,1.3nm,1.0s,baz=198,slow=5.6,SNR=4.0 | 121.47 | PKP | PKP | 11 30 14.4 +1.3 |
| FINES | comp=Z,3um,21.0s,M55.8 | 121.50 | PKP | PKP | 11 20 20.0 +8.9 |
| GTBY | comp=Z,2um,20.0s,M55.7 | 122.03 | PFAKE | LR | 11 20 20.0 +7.2 |
| PKME | comp=Z,2um,19.0s,M55.9 | 122.97 | PFAKE | LR | 11 20 30.0 +16 |
| VSU | comp=Z,2um,19.0s,M55.9 | 123.11 | PKP | PKP | 11 20 13.2 -0.5 |
| ANN | comp=Z,2um,19.0s,M55.9 | 123.88 | PKP | PKP | 11 20 08.2 -7.4 |
| ANN | comp=Z,48nm,1.5s | | MLR | MLR | |
| BOSA | comp=Z,9um,23.0s,M56.4 | 124.28 | PKP | PKP | 11 20 16.8 -0.2 |
| BOSA | comp=Z,31nm,0.9s,baz=123,slow=2.4,SNR=42 | 124.28 | PKP | PKP | 11 20 16.8 -0.2 |
| BOSA | comp=Z,31nm,0.9s | 124.28 | PKP | PKP | 11 20 17.9 +0.9 |
| SUR | comp=Z,4um,20.0s,M56.0 | 124.59 | PKP | PKP | 11 20 18.7 +1.2 |
| CPUP | comp=Z,4um,19.0s,M56.1 | 124.76 | PKP | PKP | 11 20 17.6 -0.4 |
| CPUP | comp=Z,20nm,0.9s,baz=235,slow=1.2,SNR=11 | 124.76 | PKP | PKP | 11 20 17.6 -0.4 |
| MINSK | comp=Z,607nm,19.0s,M55.3 | 124.97 | PKP | PKP | 11 20 18.0 +0.6 |
| IZAR | comp=Z,1.1nm,1.6s | 124.99 | PKP | PKP | 11 20 21.4 |
| MNK | comp=Z,1.1nm,1.6s | 124.99 | PKP | PKP | 11 20 18.0 +0.5 |
| MNK | comp=Z,60nm,1.0s | | MLR | MLR | |
| IDID | comp=Z,9um,20.0s,M56.5 | 125.02 | PKP | PKP | 11 20 17.7 +0.2 |
| IIGN | comp=Z,16nm,1.2s | 125.24 | PKP | PKP | 11 20 18.0 +0.1 |
| NACMI | comp=Z,18nm,1.0s | 125.25 | PKP | PKP | 11 20 16.0 -2.0 |
| SDV | comp=Z,859nm,20.0s,M55.4 | 125.60 | PKP | PKP | 11 20 19.3 -0.5 |
| SDDR | comp=Z,859nm,20.0s,M55.4 | 125.63 | PFAKE | LR | 11 20 30.0 +10 |
| GRTK | comp=Z,5um,19.0s,M56.2 | 125.75 | PFAKE | LR | 11 20 30.0 +10 |
| SIM | comp=Z,3um,21.0s,M55.9 | 126.02 | PKP | PKP | 11 20 23.1 +3.4 |
| LBTB | comp=Z,1.5nm,0.9s | 126.26 | PKP | PKP | 11 20 20.4 -0.5 |
| KMBO | comp=Z,4um,19.0s,M56.2 | 126.29 | PKP | PKP | 11 20 22.9 +1.7 |

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|-------|------------------------|--------|-------|-----|-----------------|
| BORG | comp=Z,2um,19.0s,M55.7 | 126.33 | PFAKE | LR | 11 20 30.0 +10 |
| AKASG | comp=Z,2um,19.0s,M55.7 | 126.35 | PKP | PKP | 11 20 18.7 -1.5 |
| AKASG | comp=Z,2um,19.0s,M55.7 | 126.35 | PKP | PKP | 11 20 18.7 -1.5 |
| AKB | comp=Z,2um,19.0s,M55.7 | 126.35 | PKP | PKP | 11 20 18.8 -0.4 |
| AKB | comp=Z,2um,19.0s,M55.7 | 126.35 | PKP | PKP | 11 20 19.6 +0.6 |
| NB2 | comp=Z,2um,19.0s,M55.7 | 126.35 | PKP | PKP | 11 20 18.1 -2.1 |
| NB2 | comp=Z,2um,19.0s,M55.7 | 126.35 | PKP | PKP | 11 20 18.1 -2.1 |
| NB2 | comp=Z,2um,19.0s,M55.7 | 126.35 | PKP | PKP | 11 20 18.1 -2.1 |
| NB2 | comp=Z,2um,19.0s,M55.7 | 126.35 | PKP | PKP | 11 20 18.1 -2.1 |
| NOA | comp=Z,2um,19.0s,M55.7 | 126.35 | PKP | PKP | 11 20 19.1 -1.1 |
| NOA | comp=Z,2um,19.0s,M55.7 | 126.35 | PKP | PKP | 11 20 19.2 -1.0 |
| NAO01 | comp=Z,2um,19.0s,M55.7 | 126.35 | PKP | PKP | 11 20 20.4 -0.3 |
| SIV | comp=Z,2um,19.0s,M55.7 | 126.35 | PKP | PKP | 11 20 23.0 -0.1 |
| SUV | comp=Z,2um,19.0s,M55.7 | 126.35 | PKP | PKP | 11 20 22.6 +0.4 |
| KONO | comp=Z,2um,19.0s,M55.7 | 126.35 | PKP | PKP | 11 20 40.0 +17 |
| BR131 | comp=Z,2um,19.0s,M55.7 | 126.35 | PKP | PKP | 11 20 23.0 -1.2 |
| BRTR | comp=Z,2um,19.0s,M55.7 | 126.35 | PKP | PKP | 11 20 23.9 -0.2 |
| BRTR | comp=Z,2um,19.0s,M55.7 | 126.35 | PKP | PKP | 11 22 25.1 -2.9 |
| BRTR | comp=Z,2um,19.0s,M55.7 | 126.35 | PKP | PKP | 11 30 37.2 |
| BRTR | comp=Z,2um,19.0s,M55.7 | 126.35 | PKP | PKP | 11 20 24.0 -0.1 |
| BRTR | comp=Z,2um,19.0s,M55.7 | 126.35 | PKP | PKP | 11 22 25.1 |
| BRTR | comp=Z,2um,19.0s,M55.7 | 126.35 | PKP | PKP | 11 20 28.5 +1.2 |
| LSZ | comp=Z,2um,19.0s,M55.7 | 126.35 | PKP | PKP | 11 20 28.1 +0.9 |
| LVV | comp=Z,2um,19.0s,M55.7 | 126.35 | PKP | PKP | 11 20 26.2 -0.3 |
| TIRR | comp=Z,2um,19.0s,M55.7 | 126.35 | PKP | PKP | 11 20 28.0 +0.8 |
| TIRR | comp=Z,2um,19.0s,M55.7 | 126.35 | PKP | PKP | 11 20 27.8 +0.6 |
| CSS | comp=Z,2um,19.0s,M55.7 | 126.35 | PKP | PKP | 11 20 26.9 -0.6 |
| BBR | comp=Z,2um,19.0s,M55.7 | 126.35 | PKP | PKP | 11 20 28.9 +1.6 |
| BBR | comp=Z,2um,19.0s,M55.7 | 126.35 | PKP | PKP | 11 20 40.0 +12 |
| BUR08 | comp=Z,2um,19.0s,M55.8 | 130.22 | PKP | PKP | 11 20 28.5 +1.1 |
| BUR08 | comp=Z,2um,19.0s,M55.8 | 130.22 | PKP | PKP | 11 20 28.5 +1.1 |
| BUR08 | comp=Z,2um,19.0s,M55.8 | 130.22 | PKP | PKP | 11 20 40.0 +12 |
| SJG | comp=Z,2um,19.0s,M55.8 | 130.51 | PFAKE | LR | 11 20 40.0 +11 |
| MLR | comp=Z,2um,19.0s,M55.8 | 130.93 | PKP | PKP | 11 20 29.7 +0.6 |
| MLR | comp=Z,2um,19.0s,M55.8 | 130.93 | PKP | PKP | 11 20 31.3 +2.2 |
| MLR | comp=Z,2um,19.0s,M55.8 | 130.93 | PKP | PKP | 11 20 31.3 +2.2 |
| ISP | comp=Z,2um,19.0s,M55.8 | 131.17 | PFAKE | LR | 11 20 40.0 +10 |
| UZH | comp=Z,2um,19.0s,M55.8 | 131.24 | PKP | PKP | 11 20 29.9 +0.3 |
| STHS | comp=Z,2um,19.0s,M55.8 | 131.30 | PKP | PKP | 11 20 31.3 +1.6 |
| STHS | comp=Z,2um,19.0s,M55.8 | 131.30 | PKP | PKP | 11 20 31.3 +1.6 |
| TRPA | comp=Z,2um,19.0s,M55.8 | 131.41 | PKP | PKP | 11 20 31.3 -8.6 |
| VOIR | comp=Z,2um,19.0s,M55.8 | 131.50 | PKP | PKP | 11 20 21.5 +1.3 |
| VOIR | comp=Z,2um,19.0s,M55.8 | 131.50 | PKP | PKP | 11 20 31.5 +1.3 |
| OJC | comp=Z,2um,19.0s,M55.8 | 131.50 | PKP | PKP | 11 20 29.2 -0.8 |
| OJC | comp=Z,2 | | | | |

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|------|------------------------|------------|-----------------|--------|-----------------|
| CLL | ePKSbc | | 11 24 06.0 | | |
| CLL | eSS | SS | 11 20 54.0 +6.3 | | |
| CLL | eSSS | | 11 45 48.0 | | |
| CLL | e(SSSS) | | 11 50 18.0 | | |
| CLL | LmV | | 12 19 00.0 | | |
| CLL | comp=Z,5um,21.1s | LV1360 | 12 56 00.0 | | |
| NRDL | Niedersach Rie | 133.93 339 | ePKPdf | PKPdf | 11 20 37.1 +2.6 |
| PRA | Praque | 134.09 334 | ePKPdf | PKPdf | 11 20 35.0 +0.1 |
| PRA | | | PP | PP | 11 20 35.0 -0.1 |
| PRA | | | AMS | AMS | 12 15 50.0 |
| PRU | Pruhonice | 134.10 333 | ePKIKP | ePKIKP | 11 20 38.3 +3.4 |
| PRU | | | e | e | 11 23 07.4 |
| PRU | | | MLR | MLR | |
| PRU | comp=Z,6um,24.1s,MS6.2 | | | | |
| PRU | Pruhonice | 134.10 333 | ePKPdf | PKPdf | 11 20 38.3 +3.4 |
| PRU | | | ePP | ePP | 11 23 07.4 +2.2 |
| PRU | | | AMS | AMS | 12 15 20.0 |
| VTS | Vitosha | 134.12 320 | ePKIKP | PKPdf | 11 20 38.7 +3.5 |
| VTS | Vitosha | 134.12 320 | ePKIKP | PKPdf | 11 20 38.7 +3.5 |
| TREC | Trest | 134.18 332 | ePKIKP | PKPdf | 11 20 39.4 +4.3 |
| TREC | | | MLR | MLR | |
| TREC | comp=Z,6um,23.0s,MS6.3 | | | | |
| TREC | Trest | 134.18 332 | ePKPdf | PKPdf | 11 20 39.4 +4.3 |
| TREC | | | AMS | AMS | 12 18 30.0 |
| CLZ | Clausthal | 134.36 338 | ePKPdf | PKPdf | 11 20 38.4 +3.0 |
| TANN | Tannenbergstah | 134.67 335 | ePKPdf | PKPdf | 11 20 38.9 +2.9 |
| ANWB | Willy Bob | 134.67 376 | FFAKE | LR | 11 20 50.0 +1.3 |
| ANWB | | | LR | LR | |
| PKSM | Moragy | 134.69 327 | ePKIKP | PKPdf | 11 20 35.5 -0.6 |
| PKSM | Moragy | 134.69 327 | ePKIKP | PKPdf | 11 20 35.5 -0.6 |
| GRGR | Grenville | 134.70 84 | FFAKE | LR | 11 20 50.0 +1.3 |
| GRGR | | | LR | LR | |
| NKC | Novy Kostel | 134.81 335 | ePKIKP | PKPdf | 11 20 36.6 +0.4 |
| NKC | | | MLR | MLR | |
| NKC | Novy Kostel | 134.81 335 | ePKPdf | PKPdf | 11 20 36.6 +0.4 |
| NKC | | | AMS | AMS | 12 19 10.0 |
| MOX | Moxa | 134.83 336 | ePKP | PKPdf | 11 20 40.5 +4.2 |
| MOX | | | | | |
| MOX | comp=Z,5um,22.0s,MS6.2 | | | | |
| MOX | Moxa | 134.83 336 | ePKPdf | PKPdf | 11 20 39.0 +2.7 |
| MOX | IBBN | 134.90 340 | ePKPdf | PKPdf | 11 20 39.2 +2.9 |
| ESK | Eskaideuir | 134.92 350 | FFAKE | LR | 11 20 50.0 +1.4 |
| ESK | | | LR | LR | |
| KHC | Kasperske Hory | 135.16 333 | ePKIKP | PKPdf | 11 20 37.3 +0.4 |
| KHC | | | MLR | MLR | |
| KHC | Kasperske Hory | 135.16 333 | ePKPdf | PKPdf | 11 20 37.5 +0.6 |
| KHC | Kasperske Hory | 135.16 333 | ePKPdf | PKPdf | 11 20 37.3 +0.4 |
| KHC | | | AMS | AMS | 12 15 10.0 |
| VAY | Valandovo | 135.19 319 | eP | PKPdf | 11 20 38.1 +0.8 |
| ROTZ | Rotzenmuhle | 135.27 335 | ePKPdf | PKPdf | 11 20 40.1 +3.0 |
| GECC | GERESS Array S | 135.31 333 | ePKPdf | PKPdf | 11 20 39.9 +2.7 |
| WEBB | Unterbreizbach | 135.32 337 | ePKPdf | PKPdf | 11 20 40.0 +2.8 |
| UBTA | Wertzelt | 135.45 334 | ePKPdf | PKPdf | 11 20 40.6 +3.1 |
| TSUM | Tsumeb | 135.67 227 | ePKPdf | PKPdf | 11 20 30.9 +8.6 |
| TSUM | | | LR | LR | 11 23 18.5 +2.6 |
| TSUM | | | PP | PP | |
| GRF | Graenberg Arr | 135.73 335 | ePP | PP | 11 23 16.9 +1.5 |
| KOGS | Kog | 135.78 329 | ePKPdf | PKPdf | 11 20 39.5 +1.3 |
| BUG | Bochum-Univer | 135.79 340 | ePKPdf | PKPdf | 11 20 41.0 +3.0 |
| KRUS | Krusevo | 136.01 320 | eP | PKPdf | 11 20 37.4 -1.3 |
| SOKA | Soboth | 136.24 330 | ePKPdf | PKPdf | 11 20 38.8 -0.2 |
| TNS | Tanus Mts | 136.38 338 | ePKPdf | PKPdf | 11 20 42.1 +2.9 |
| OHR | Ohrid | 136.43 320 | eP | PKPdf | 11 20 40.4 +0.8 |
| RJOB | Jochberg | 136.54 332 | ePKPdf | PKPdf | 11 20 42.1 +2.6 |
| BGGH | Gun Hill | 136.80 83 | FFAKE | LR | 11 20 50.0 +9.0 |
| BGGH | | | LR | LR | |
| TIR | Tirane | 136.89 321 | FFAKE | LR | 11 20 50.0 +1.0 |
| TIR | | | LR | LR | |
| MEM | Membach | 136.92 340 | APKP | pPKPdf | 11 20 45.1 -3.5 |
| LJLJ | Ljubljana | 136.93 329 | ePKPdf | PKPdf | 11 20 41.7 +1.4 |
| CADS | Cadrj | 137.19 330 | ePKPdf | PKPdf | 11 20 41.7 +0.9 |
| VOY | Vojsko | 137.25 330 | ePKPdf | PKPdf | 11 20 41.4 +0.5 |
| VOY | | | e | e | 11 20 44.7 |
| STU | Stuttgart | 137.28 336 | ePKPdf | PKPdf | 11 20 44.0 +3.1 |
| STU | Stuttgart | 137.28 336 | ePKPdf | PKPdf | 11 20 40.3 -0.6 |
| CLA | Clavier | 137.32 341 | ePKPdf | PKPdf | 11 20 44.1 -5.2 |
| RUP | Rupelstein | 137.32 339 | ePKP | PKPdf | 11 20 42.1 +1.2 |
| CAMA | Nova Friburgo | 137.34 141 | (P) | PKPdf | 11 20 33.3 -8.6 |
| CAMA | | | | | 11 20 34.5 |
| CAMA | | | | | 11 20 37.2 |
| CAMA | | | | | 11 20 42.6 |
| CAMA | | | | | 11 20 45.9 |
| CAMA | | | | | 11 21 54.8 |
| ABTA | Abfaltersbach | 137.40 332 | ePKIKP | PKIKP | 11 20 42.2 -0.8 |
| TRI | Trieste | 137.54 330 | FFAKE | LR | 11 20 50.0 +8.5 |
| TRI | | | LR | LR | |
| SNF | Seneffe | 137.57 341 | APKP | PKPdf | 11 20 44.6 +3.2 |
| LANF | Lanzenberg | 137.65 337 | PKP | PKPdf | 11 20 43.9 +2.3 |
| WLF | Walferdange | 137.68 333 | APKP | PKPdf | 11 20 44.3 +2.9 |
| WLF | Walferdange | 137.68 333 | ePKPdf | PKPdf | 11 20 44.2 +2.9 |
| WLF | Walferdange | 137.68 339 | ePKIKP | PKPdf | 11 20 44.1 +2.5 |
| WLF | | | MLR | MLR | |
| WLF | comp=Z,4um,21.0s,MS6.2 | | | | |
| WLF | Walferdange | 137.68 339 | ePKPdf | PKPdf | 11 20 44.1 +2.5 |
| GIVF | Givet | 137.75 341 | ePKIKP | PKPdf | 11 20 36.9 -4.8 |
| DOU | Dourbes | 137.83 341 | APKP | PKPdf | 11 20 45.3 +3.5 |
| BFO | Black Forest | 137.97 336 | ePKPdf | PKPdf | 11 20 45.1 +2.9 |
| BFO | Black Forest | 137.97 336 | ePKIKP | ePKIKP | 11 20 42.2 0.0 |
| BFO | | | e | e | 11 23 25.1 |
| BFO | | | MLR | MLR | |
| BFO | comp=Z,3um,20.0s,MS6.1 | | | | |
| BFO | Black Forest | 137.97 336 | ePKPdf | PKPdf | 11 20 42.2 0.0 |
| BFO | | | ePP | ePP | 11 23 25.1 -4.4 |
| BFO | | | LR | LR | |
| SPAK | Spaichingen-Ko | 137.98 336 | PKP | PKPdf | 11 20 43.6 +1.4 |
| BAIF | Saives | 137.98 341 | ePKIKP | PKPdf | 11 20 38.2 -3.9 |
| FETA | Feichten | 138.00 333 | ePKPdf | PKPdf | 11 20 39.4 -2.9 |
| CDF | Cham du Feu | 138.31 337 | ePKIKP | PKPdf | 11 20 37.4 -5.4 |
| FELD | Feldberg im Sc | 138.47 336 | PKP | PKPdf | 11 20 41.5 -1.6 |
| MOF | Molkenrain | 138.83 337 | PKP | PKPdf | 11 20 44.9 +1.1 |
| HINF | Hilfenried | 138.87 337 | ePKIKP | PKPdf | 11 20 40.7 -3.3 |
| HAU | Haudompre | 139.00 338 | ePKIKP | PKPdf | 11 20 40.5 -3.6 |
| HAU | | | eMLR | MLR | |
| HAU | comp=Z,5um,22.2s,MS5.9 | | | | |
| HAU | Haudompre | 139.00 338 | ePKPdf | PKPdf | 11 20 40.5 -3.6 |
| HAU | | | LR | LR | |
| HAU | comp=Z,5um,22.3s,MS6.2 | | | | |
| BBS | Basel-Biauen | 139.00 336 | PKP | PKPdf | 11 20 45.6 +1.5 |
| MEZF | Maitzers J'vi | 139.05 339 | ePKIKP | PKPdf | 11 20 40.9 -3.2 |
| LOMF | Lomont | 139.36 337 | PKP | PKPdf | 11 20 46.2 +1.4 |
| AQU | L'Aquila | 140.06 326 | FFAKE | LR | 11 21 00.0 +1.4 |
| AQU | | | LR | LR | |
| CABF | La Chapelle | 140.26 337 | ePKIKP | PKPdf | 11 20 41.7 -4.7 |
| VLC | Villacollemand | 140.32 331 | FFAKE | LR | 11 21 00.0 +1.3 |
| VLC | | | LR | LR | |
| VLC | comp=Z,4um,20.0s,MS6.2 | | | | |
| VLC | La Foliniere | 140.51 344 | ePKIKP | PKPdf | 11 20 43.3 -3.5 |
| FLN | | | eMLR | MLR | |
| FLN | comp=Z,6um,21.5s,MS6.0 | | | | |
| FLN | La Foliniere | 140.51 344 | ePKPdf | PKPdf | 11 20 43.3 -3.5 |
| FLN | | | LR | LR | |
| FLN | comp=Z,6um,21.5s,MS6.3 | | | | |

| | | | | | |
|------|------------------------|------------|--------|-------|-----------------|
| LOR | Lormes | 140.52 339 | ePKIKP | PKPdf | 11 20 43.9 -3.0 |
| LOR | | | eMLR | MLR | |
| LOR | comp=Z,6um,22.8s,MS5.9 | | | | |
| LOR | Lormes | 140.52 339 | ePKPdf | PKPdf | 11 20 43.9 -3.0 |
| LDF | La Druitiere | 140.57 344 | ePKIKP | PKPdf | 11 20 43.7 -3.2 |
| SSF | Saulte | 140.82 340 | ePKIKP | PKPdf | 11 20 43.9 -3.5 |
| LPL | La Plagne | 140.90 335 | ePKIKP | PKPdf | 11 20 42.2 -5.4 |
| LPG | La Plagne | 140.90 335 | ePKIKP | PKPdf | 11 20 41.9 -5.7 |
| GRR | Gorron | 140.95 345 | ePKIKP | PKPdf | 11 20 44.4 -3.2 |
| SMF | Signal de Moss | 141.06 339 | ePKIKP | PKPdf | 11 20 43.1 -4.8 |
| AVF | Avril sur Loir | 141.10 339 | ePKIKP | PKPdf | 11 20 43.7 -4.2 |
| CEL | Celeste | 141.16 319 | FFAKE | LR | 11 21 00.0 +1.2 |
| CEL | | | LR | LR | |
| BNI | Bardonecchia | 141.29 335 | ePKIKP | PKPdf | 11 20 46.1 -2.2 |
| BNI | | | MLR | MLR | |
| BGF | Bois d'eland | 141.48 340 | ePKIKP | PKPdf | 11 20 44.9 -3.7 |
| SGMF | Saint Gilles | 141.49 346 | ePKIKP | PKPdf | 11 20 43.3 -5.3 |
| MBDF | Montbardon | 141.52 344 | ePKIKP | PKPdf | 11 20 43.0 -5.7 |
| ROSF | Rostrene | 141.58 337 | ePKIKP | PKPdf | 11 20 43.5 -5.2 |
| SURF | Saint Ours | 141.70 334 | PKP | PKPdf | 11 20 48.7 -0.4 |
| ORIF | Oris-cha-Rattie | 141.73 335 | ePKIKP | PKPdf | 11 20 42.7 -6.4 |
| ORIF | | | eMLR | MLR | |
| AUTN | L'Aution | 141.81 333 | PKP | PKPdf | 11 20 49.9 +0.6 |
| SBF | Sospel | 141.91 333 | ePKIKP | PKPdf | 11 20 45.2 -4.3 |
| TCF | Toulx Ste Croi | 141.93 340 | ePKIKP | PKPdf | 11 20 45.9 -3.5 |
| QUIF | Quistinic | 141.95 347 | ePKIKP | PKPdf | 11 20 45.7 -3.7 |
| SSB | Saint Sauveur | 141.96 337 | PKP | PKPdf | 11 20 45.3 -4.2 |
| PYM | Petit Puy Mans | 142.12 339 | PKP | PKPdf | 11 20 45.4 -4.4 |
| PYG | Pioggiola | 142.19 330 | ePKIKP | PKPdf | 11 20 45.4 -4.6 |
| VIVF | Saint-Julien | 142.26 337 | ePKIKP | PKPdf | 11 20 43.4 -6.7 |
| MFF | Saint Martin d | 142.39 343 | ePKIKP | PKPdf | 11 20 46.2 -4.0 |
| LBL | Lubilhac | 142.49 338 | PKP | PKPdf | 11 20 45.4 -5.1 |
| FRF | Fort Royal | 142.50 333 | ePKIKP | PKPdf | 11 20 45.6 -4.9 |
| SMRF | Simiane la Rei | 142.63 335 | ePKIKP | PKPdf | 11 20 46.7 -4.1 |
| LMR | La Moure | 142.75 333 | ePKIKP | PKPdf | 11 20 45.3 -5.7 |
| RJF | Les Rejaudoux | 143.03 340 | ePKIKP | PKPdf | 11 20 48.5 -2.9 |
| RJF | | | eMLR | MLR | |
| RJF | comp=Z,4um,19.2s,MS5.9 | | | | |
| RJF | Les Rejaudoux | 143.03 340 | ePKPdf | LR | 11 20 48.5 -2.9 |
| CAF | Calvia | 143.17 339 | ePKIKP | PKPdf | 11 20 49.1 -2.6 |
| LASF | Ste Croix | 143.24 337 | ePKIKP | PKPdf | 11 20 47.3 -4.5 |
| WDD | Wield Dalam | 143.44 317 | FFAKE | LR | 11 21 00.0 +7.6 |
| LFF | La Frestelle | 143.61 341 | ePKIKP | PKPdf | 11 20 48.4 -4.1 |
| VSL | Villasalto | 144.23 326 | ePKPdf | LR | 11 20 54.6 +0.9 |
| MTDF | Montioleu | 144.49 338 | ePKIKP | PKPdf | 11 20 51.8 -2.2 |
| LRDF | Larouge-de-Fa | 144.71 337 | PKP | PKPdf | 11 20 53.6 -0.8 |
| FILF | Filip | 145.02 337 | PKP | PKPdf | 11 20 52.2 -2.4 |
| CARF | Carcanieres | 145.07 337 | PKP | PKPdf | 11 20 53.0 -2.1 |
| CLLI | Llivia | 145.32 337 | PKP | PKPdf | 11 20 55.8 +0.3 |
| MELF | Melles | 145.42 339 | PKP | PKPdf | 11 20 55.0 -0.7 |
| EPF | Esparrros | 145.43 340 | ePKIKP | PKPdf | 11 20 53.7 -2.0 |
| LABF | Labassere | 145.51 340 | PKP | PKPdf | 11 20 55.8 0.0 |
| RESF | Ens | 145.63 339 | PKP | PKPdf | 11 20 57.2 +1.2 |
| REVF | Montagne du Re | 145.64 340 | PKP | PKPdf | 11 20 56.4 +0.4 |
| VIEF | View | 145.67 340 | PKP | PKPdf | 11 20 57.4 +1.3 |
| ORDF | Ordriar | 145.69 341 | PKP | PKPdf | 11 20 56.0 -0.1 |
| OSDF | Osses | 145.72 338 | PKP | PKPdf | 11 20 57.1 +1.5 |
| CFON | Fontmartina | 145.75 336 | PKP | PKPdf | 11 20 56.5 +0.2 |
| OSSE | Osses | 145.75 342 | PKP | PKPdf | 11 20 56.0 -0.2 |
| EBIE | Bielsa | 145.80 339 | PKP | PKPdf | 11 20 57.9 +1.6 |
| ETSF | Etsaut | 145.85 340 | ePKIKP | PKPdf | 11 20 56.4 0.0 |
| EALK | Alkurruntz | 145.86 342 | PKP | PKPdf | 11 20 56.9 +0.4 |
| LARF | Larrau | 145.86 341 | PKP | PKPdf | 11 20 56.0 -0.4 |
| SJPF | Ste Jean | 145.87 341 | ePKIKP | PKPdf | 11 20 56.3 -0.1 |
| ELIZ | Elizabete | 145.92 342 | PKP2 | PKPab | 11 20 56.8 -0.8 |
| EMIR | Minerale | 145.97 337 | PKP | PKPdf | 11 20 57.5 +0.8 |
| ELAN | Lanostola | 146.40 344 | PKP | PKPdf | 11 20 58.5 +1.2 |
| EPOB | Poblet | 146.63 337 | PKP | PKPdf | 11 20 59.6 +1.8 |
| EARI | Ariandans | 146.78 346 | PKP | PKPab | 11 21 01.3 +0.4 |
| ESAC | San Caprasio | 146.87 338 | PKP | PKPab | 11 21 01.9 +0.6 |
| ESAT | Santagata | | | | |

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Hurricane, Wendover, West, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ZALV, Y19A, F15A, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like CLL, Collm, PRU, etc.

Table with columns: BRTR, Keskinn Array B, 146.831, PKPbc, PKPbc, 11 42 11.2 -0.5, etc.

Table with columns: XAN, Xian, 3.95, 60, Pg, Sg, 11 44 23.9 -1.3, etc.

Table with columns: MDJ, Pmax, pmax, PET, Petropavlovsk, 63.99 356, i P, Pmax, 11 56 14.5 +0.3, etc.

ISCJB 19 11:28:17.5.0.6, 29:31N.0:04:14.7E.0:2, h56km, 8km, mb4.1/11, Error ellipse: s-maj=26.8km s-min=4.3km az=166.7

JMA 19 11:28:17.3.0.1, 29:36N.141:99E, h51km, M4.3, IDC 19 11:28:21.1.0.7, 29:07N.141:22E, h57km, mb3.8/9, mb1.4/0.1, mb1mx3.8/2.1, mbtmp3.8/1.1, MS4.4/2, Ms1.4/2, ms1mx3.6/3.9, Error ellipse: s-maj=23.9km s-min=7.6km az=67.0

NEIC 19 11:28:21.1.0.5, 29:10N.141:20E, mb4.3/1, Error ellipse: s-maj=18.7km s-min=8.9km az=80.0

ISC 19 11:28:19.2.0.5, 29:25N.104:141.6E.0:2, h50km, 7km, h6km, 1.8km, pP-P, n37, s1911/45, mb4.1/11, Southeast of Honshu

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

IDC 19 11:43:22.8.3.3, 54:03N.87:25E, h0km, mb1.3/2.2, mb1mx3.1/2.7, mbtmp3.2/2.2, ML3.1/2, Error ellipse: s-maj=34.6km s-min=18.7km az=47.0, Southwestern Siberia

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

IDC 19 11:43:14.4.0.9, 32:04N.104:67E, h0km, mb3.8/9, mb1.3/8.1, mb1mx3.7/2.6, mbtmp3.7/1.1, Error ellipse: s-maj=32.1km s-min=17.8km az=50.0

BUI 19 11:43:17.1.32:14N.104:84E, h9km, ML3.6/18, NEIC 19 11:43:18.6.0.6, 32:52N.104:76E, h10km, Error ellipse: s-maj=16.5km s-min=11.8km az=55.0

ISC 19 11:43:14.8.0.8, 32:11N.103:104.81E.0:05, h0km, 6km, n20, s1926/28, mb3.9/9, Sichuan

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

CMAR Chiang Mai Arr, 14.58 203, Pn, Pn, 11 46 50.1 +7.7

SOMN Songino Array, 15.76 4 Pn, Pn, 11 46 60.0 +2.1

KSRK Korea Array, 19.70 68, Pn, Pn, 11 47 48.0 +1.0

MKAR Makanchi Array, 22.64 317, P, P, 11 48 17.6 +0.5

ZALV Zalesovo Beam, 26.10 333, P, P, 11 48 49.7 -0.2

PETK Petropavlovsk-43, 05 45, P, P, 11 51 16.2 +0.1

PETK Petropavlovsk-43, 05 45, P, P, 11 51 16.2 +0.1

ARCES ARCES Array B, 56.60 336, P, P, 11 52 58.2 -0.7

BRTR Keskinn Array B, 56.78 299, P, P, 11 53 01.1 +0.5

FINES FINES Array B, 57.08 326, P, P, 11 53 01.8 -0.6

WARR Warrungarra Arr, 58.98 147, P, P, 11 53 16.4 -0.3

ASAR Alice Springs, 62.04 150, P, P, 11 53 36.2 -0.8

NOA NORSAR Array B, 64.14 327, P, P, 11 53 48.8 -1.7

DJA 19 11:45:19.10:90S.167:37E, h30km, mb5.1/5, IDC 19 11:45:39.0.0.5, 11:00S.164:67E, h0km, mb4.8/18, mb1.4/9.20, mb1mx4.9/2.1, mbtmp4.8/2.0, ML4.6/2, MS4.6/1, Ms1.4/6.1, ms1mx3.4/2.9, Error ellipse: s-maj=18.1km s-min=14.5km az=124.0

ISCJB 19 11:45:38.9.2.8, 11:00S.0:05:164:56E.0:03, h8km, 17km, mb5.0/62, MS5.1/7, Error ellipse: s-maj=8.7km s-min=5.4km az=175.9

BUI 19 11:45:40.1, 10:48S.164:80E, h7km, mB5.5/17, mb5.0/40, MS5.4/20, MS7.5/120

NEIC 19 11:45:40.8.0.2, 10:99S.164:62E, h10km, mb5.2/27, Error ellipse: s-maj=6.8km s-min=4.7km az=140.0

MOS 19 11:45:43.3.0.9, 10:87S.164:46E, h33km, mb5.4/19, Error ellipse: s-maj=10.4km s-min=9.5km az=81.2

ISC 19 11:45:43.1.2.5, 11:02S.0:05:164:60E.0:04, h25km, 18km, h17km, 3.1km, pP-P, n299, s077/266, mb5.0/62, MS5.1/7, 57C-84D, Santa Cruz Islands region

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

ASAR Alice Springs, 62.04 150, P, P, 11 53 36.2 -0.8

RPZ Rata Peaks, 33.06 171, P, P, 11 52 16.1 -0.6

KNA Kununurra, 35.15 258, P, P, 11 52 33.3 -1.9

FITZ Fitzroy Cross, 38.30 255, eP, P, 11 53 00.3 -1.8

FORT Forrest, 39.14 234, eP, P, 11 53 09.3 +0.3

FORT Forrest, 39.14 234, eP, P, 11 53 09.5 +0.5

DAV Davao City (W), 42.79 293, LR, LR, 12 09 01.1

KLBR Kellerberrin, 47.78 237, eP, P, 11 54 18.1 -0.5

MJAR Matsushiro Arr, 53.44 334, P, P, 11 55 00.3 -0.8

MAJO Matsushiro, 53.44 334, P, P, 11 55 00.3 -0.8

MAT Matsushiro, 53.44 334, P, P, 11 55 00.3 -0.8

comp=N, 210nm, 1.5s, mb5.0, Pmax, pmax

comp=N, 170nm, 0.7s, smax

comp=N, 180nm, 0.6s, smax

comp=N, 230nm, 0.7s, smax

comp=N, 140nm, 0.8s, smax

comp=N, 140nm, 0.8s, smax

comp=N, 140nm, 0.8s, smax

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comp=N, 140nm, 0.8s, smax

comp=N, 140nm, 0.8s, smax

comp=N, 140nm, 0.8s, smax

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BILL, RSO, PMR, PMR, TLY, BMRM, MCK, COLA, COLA, MENT, ILAR, MAW, MAW, YBH, CMB, EGAK, TIXI, TIXI, DAWY, ISA, ISA, H04A, WAKR, WCN, EDWZ, BFSC, K05A, MTUM, LRM, MPMC, MONP, NVAR, NVAR, GRAC, FURC, BELC, I07A, GMRC, S10A, J08A, IRM, V11A, G08A, V12A, R11A, D08A, Q11A, M10A, B08A, K10A, Z13A, Y13A, U12A, S12A, B13A, V13A, R12A, Q12A, U13A, P12A, K11A, F10A, L11A, Y14A, T13A, N12A, N12A, Q12A, MFD, S13A, I11A, X14A, W14A, R13A, V14A, M12A, Q13A, L12A, U14A.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like P13A, Y15A, CCUT, NEW, K12A, J12A, T14A, X15A, H16A, I12A, 216A, M13A, M13A, Q14A, G12A, C11A, V15A, E12A, U15A, H12A, F12A, L13A, H14D, Y16A, P14A, J13A, X16A, D12A, M14A, H13A, SYO, WUAZ, WUAZ, MSU, L14A, Y17A, G13A, J14A, F13A, K14A, X17A, S16A, H14A, I14A, BSMT, D13A, E13A, C13A, V17A, R16A, H14A, G14A, L15A, B13A, T17A, E14A, O16A, J15A, MCMT, X18A, 219A, D14A, C14A, H15A, R17A, CHMT, HWUT, W15A, MK31, MKAR, MKAR, MKAR, DLMT, G15A, ZALV, Y19A, K16A, F15A, LRM, E15A, G16A, A15A, BOZ, F16A, H16A, HRY, D16A, C16A.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like NVS, J18A, F17A, BW06, PDAR, C17A, B17A, U21A, A17A, E18A, F18A, K19A, YKA, YKA, KURK, TXAR, BVAR, ARCS, OBN, OBN, OBN, KIV, KIV, KIV, LPAZ, LPAZ, FINES, FINES, BOSA, CPUS, AKSG, NB2, NOA, HFS, BRTR, BRTR, CLL, CLL, DAVOX, LASF, MTLF, EPF, ETSF, SJPF, MVO, PVRL, PVIS, ESCD, MTE, MTE, PTOM, PESTR, MDJ, TORD, WRA, FITZ, ASAR, STKA, FINES.

IDC 19:12:14:184.2-2.2209N:143.68E,h0km,mb3.9/5, mb1.4/0.5,mb1mx3.6/25,mbtmp3.9/5, Error ellipse: s-maj=147.2km s-min=32.8km,az=88.0,Volcano Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like WRA, FITZ, ASAR, STKA, FINES.

IDC 19:12:18:50.6:1.7,36:94N:25.16E,h0km,mb3.7/3, mb1.3/4,mb1mx3.2/26,mbtmp3.5/4,ML2.7/1, Error ellipse: s-maj=192.6km s-min=25.8km,az=142.0

ATH 19:12:18:53.0,35:63N:26:39E,h30km,1km,MD3.4/9 THE 19:12:18:53.8,35:39N:26:29E,h66km,6km, Error ellipse: s-maj=7.4km s-min=1.4km,az=212.0

NEIC 19:12:18:53.0,35:63N:26:39E,h30km,MD3.4(ATH), After ATH, ISCJB 19:12:18:53.2:0.8,35:56N:0.0:36:43E:0.03,h21km,7km, mb3.5/9, Error ellipse: s-maj=6.1km s-min=4.2km, az=155.8

CSEM 19:12:18:54.0:0.2,35:52N:26:43E,h40km,MD3.4, Error ellipse: s-maj=6.5km s-min=4.6km,az=156.0

ISC 19:12:18:54.3:0.7,35:59N:0.0:36:29E:0.03,h22km,7km, n49,1:06/79,mb3.5/3,Crete

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ZKR, ZKR, ZKR, ZKR, KARP, KARP, KARP, NPS, NPS, NPS, LAST, LAST, LAST, THRI, THRI, THRI.

NEIC 19 13:01:24.9.3.5, 37.28N-142.77E, h1km, 21km, mb4.4/11, Error ellipse: s-maj=10.3km s-min=7.0km az=131.0
 IDC 19 13:01:24.9.0.7, 37.26N-142.78E, h0km, mb4.1/15, mb1 4.2/19, mb1mx4.1/27, mbtmp4.1/19, ML4.6/4, MS3.7/2, Ms1 3.7/2, ms1mx3.4/31, Error ellipse: s-maj=18.0km s-min=15.5km az=111.0
 ISCJB 19 13:01:26.7.1.4, 37.27N-142.03:142.75E:0.04, h26km, 10km, mb4.2/27, Error ellipse: s-maj=6.3km s-min=5.0km az=139.0
 JMA 19 13:01:27.9.0.1, 37.29N-142.72E, h44km, M4.5
 MOS 19 13:01:27.5.0.9, 37.28N-142.76E, h33km, mb4.7/5, Error ellipse: s-maj=12.1km s-min=9.1km az=106.7
 BUJ 19 13:01:29.8.37.62N-142.02E, h5km, mb4.8/3, mb4.5/10, Ms4.2/1, Ms7.4/2.1
 ISC 19 13:01:28.5.1.5, 37.29N-142.68E:0.04, h23km, 11km, n61, n0597176, mb4.1/27, 5C-ID, Off east coast of Honshu

| Code | Station Name | Δ° | AZ° | Phase ID | Time Res | ISC | h m s | ISC |
|-------|-----------------|-------|-----|----------|----------|------------|------------|------|
| JFK | Kawauchi | 1.44 | 274 | Op | ISC | Pn | 13 01 52.4 | -0.7 |
| ONAJ | Iwakimizuishiy | 1.52 | 263 | P | Pn | 13 01 53.5 | -0.7 | |
| ONAJ | | | | S | Pn | 13 02 12.4 | -0.8 | |
| JIO | Ouri | 1.57 | 218 | Op | Pn | 13 01 54.2 | -0.7 | |
| JIM | Marumori | 1.61 | 291 | Op | Pn | 13 02 13.7 | -0.8 | |
| JIM | | | | S | Pn | 13 01 54.7 | -0.7 | |
| JFT | Otama | 1.88 | 278 | P | Pn | 13 02 14.7 | -0.7 | |
| JFT | | | | S | Pn | 13 02 23.0 | +0.8 | |
| JOU | Okura | 1.92 | 304 | P | Pn | 13 01 59.7 | -0.1 | |
| JMK | Ichinoseki | 2.02 | 326 | P | Pn | 13 02 00.8 | -0.3 | |
| JMK | | | | S | Pn | 13 02 25.1 | -0.5 | |
| JOM | Ohasama | 2.44 | 334 | Op | Pn | 13 02 06.9 | +0.1 | |
| JYK | Kaneyama | 2.45 | 312 | Op | Pn | 13 02 07.1 | +0.1 | |
| JAG | Ashikaga | 2.73 | 252 | Op | Pn | 13 02 11.1 | +0.2 | |
| JAW | Awa shima | 2.96 | 294 | P | Pn | 13 02 42.7 | -0.4 | |
| BSO1 | Ryoso | 2.97 | 208 | P | Pn | 13 02 16.1 | +2.2 | |
| BSO1 | | | | eS | Pn | 13 02 14.8 | -1.3 | |
| JRY | Yogami san | 3.29 | 248 | P | Pn | 13 02 18.7 | +0.1 | |
| JRY | | | | S | Pn | 13 02 55.6 | -1.5 | |
| MJAR | Matsushiro Arr | 3.66 | 260 | Op | Pn | 13 02 24.7 | +1.0 | |
| MJAR | | | | S | Pn | 13 03 10.2 | +4.1 | |
| MJAR | | | | S | Pn | 13 03 10.2 | +4.1 | |
| MAJ | Matsushiro | 3.66 | 260 | eP | Pn | 13 02 23.6 | -0.1 | |
| MAJ | | | | P | Pn | 13 02 24.7 | +1.0 | |
| IMAT | Matsushiro | 3.66 | 260 | P | Pn | 13 02 25.1 | -0.5 | |
| ERM | Erimo | 4.73 | 4 | eS | Pn | 13 02 37.1 | -1.2 | |
| ERM | | | | eP | Pn | 13 03 22.4 | -1.0 | |
| JHU | Hachioji jima 2 | 4.79 | 211 | Op | Pn | 13 02 39.0 | -0.2 | |
| JHU | | | | S | Pn | 13 03 29.1 | -4.9 | |
| ASAJ | Asahikawa | 6.82 | 359 | Pn | Pn | 13 03 06.6 | -0.4 | |
| ASAJ | | | | S | Pn | 13 04 20.4 | -3.5 | |
| ASAJ | | | | LR | LR | 13 06 29.7 | | |
| ASAJ | | | | P | Pn | 13 03 06.6 | -0.4 | |
| ASAJ | | | | pmx | pmx | 13 04 20.4 | | |
| ASAJ | | | | MLR | MLR | | | |
| ASAJ | | | | Op | Pn | 13 03 26.3 | -5.6 | |
| YUK | Yuzh-Kuril'sk | 7.16 | 19 | P | Pn | 13 04 25.5 | -6.7 | |
| YUK | | | | pmx | pmx | | | |
| YUK | | | | pmx | pmx | | | |
| YUK | | | | pmx | pmx | | | |
| YUK | | | | smx | smx | | | |
| YUK | | | | smx | smx | | | |
| YSS | Yuzh-Sakhalins | 9.66 | 0 | eP | Pn | 13 03 48.4 | +2.5 | |
| YSS | Yuzh-Sakhalins | 9.66 | 0 | eP | Pn | 13 03 44.4 | -1.5 | |
| KSRS | Korea Array | 11.75 | 275 | Pn | Pn | 13 04 17.2 | +2.7 | |
| KSRS | | | | LR | LR | 13 08 35.1 | | |
| ULN | Ulaanbaatar | 28.05 | 303 | eP | pmx | 13 07 18.7 | +0.8 | |
| ULN | | | | P | P | 13 07 18.7 | +0.8 | |
| ENH | Enshi | 28.36 | 266 | eP | P | 13 07 19.6 | -1.3 | |
| SONM | Songino Array | 28.49 | 303 | P | P | 13 07 23.3 | +1.6 | |
| GTA | Gaotai | 33.48 | 287 | pP | P | 13 08 07.0 | +1.4 | |
| GTA | | | | pP | P | 13 08 11.4 | -1.1 | |
| GTA | | | | sP | sP | 13 08 15.0 | -0.4 | |
| ZALV | Zalesovo Beam | 42.49 | 312 | P | P | 13 09 22.1 | +0.5 | |
| CMAR | Chiang Mai Arr | 42.54 | 256 | P | P | 13 09 23.4 | +0.9 | |
| NVS | Novosibirsk | 43.40 | 314 | eP | P | 13 09 27.8 | -1.1 | |
| MK31 | Makanchi Array | 44.84 | 302 | eP | P | 13 09 40.4 | -0.2 | |
| MK31 | | | | P | P | 13 09 40.9 | +0.3 | |
| KURK | Kurchatov | 46.57 | 308 | eP | pmx | 13 09 54.2 | 0.0 | |
| KURK | | | | pmx | pmx | | | |
| KURK | | | | P | P | 13 09 54.2 | 0.0 | |
| PMR | Palmer | 47.81 | 37 | P | pmx | 13 10 00.0 | -3.8 | |
| PMR | | | | P | P | 13 10 00.0 | -3.7 | |
| ILAR | Eielson Array | 48.73 | 32 | P | P | 13 10 10.7 | -0.1 | |
| TKM2 | Tokmak 2 | 50.40 | 299 | eP | pmx | 13 10 23.3 | -0.5 | |
| TKM2 | | | | pmx | pmx | | | |
| TKM2 | | | | eP | P | 13 10 23.3 | -0.6 | |
| BVAR | Borovoye Array | 51.15 | 312 | P | P | 13 10 28.6 | -0.7 | |
| UCH | Uchtor | 51.37 | 298 | eP | P | 13 10 32.8 | +1.6 | |
| EKS2 | Erkin-Say | 51.75 | 299 | P | P | 13 10 30.5 | -3.5 | |
| AML | Almayashu | 51.98 | 298 | eP | P | 13 10 37.8 | +2.1 | |
| WRAB | Tennant Creek | 57.45 | 189 | eP | pmx | 13 11 14.9 | -0.6 | |
| WRAB | | | | pmx | pmx | | | |
| WRAB | | | | eP | P | 13 11 14.9 | -0.5 | |
| WRA | Warramunga Arr | 57.47 | 189 | P | P | 13 11 15.0 | -0.5 | |
| ABKAR | Abkulaq array | 58.53 | 210 | eP | P | 13 11 23.0 | +0.1 | |
| ASAR | Allice Springs | 61.19 | 189 | P | P | 13 11 41.0 | -0.2 | |
| ARCES | ARCCESS Array B | 64.11 | 340 | P | P | 13 12 00.7 | +0.4 | |
| FINES | FINES Array B | 64.11 | 340 | P | P | 13 12 31.9 | -0.1 | |
| BOZ | Bozeman (W) | 73.82 | 45 | eP | pmx | 13 13 00.0 | -1.0 | |
| BOZ | | | | pmx | pmx | | | |
| BOZ | | | | eP | P | 13 12 60.0 | -1.0 | |
| NVAR | Mina Array Bea | 74.02 | 54 | P | P | 13 13 02.9 | +0.6 | |
| NVAR | | | | P | P | 13 13 04.3 | +0.6 | |
| NOA | NORSAR Array B | 74.34 | 338 | P | P | 13 13 04.3 | +0.6 | |
| NOA | | | | P | P | 13 13 05.6 | 0.0 | |
| AKAS | Malin Array Be | 74.71 | 323 | P | P | 13 13 06.0 | 0.0 | |
| PDAR | Pinedale Array | 76.76 | 46 | P | P | 13 13 19.1 | +1.1 | |

TXAR Lajitas Array 89.16 53 P P 13 14 23.0 +0.6
 comp=2.0,4nm,0.8s,mb3.8,baz=292,slo=3.9,SNR=6.3
 DDA 19 13:18:41.9, 39.08N-33.25E, h14km, 8km, Md3.2
 ISCJB 19 13:18:43.5, 39.07N-33.27E:0.04, h10km, 6km, Error ellipse: s-maj=5.1km s-min=3.5km az=16.8
 ISK 19 13:18:43.4, 39.06N-33.27E, h12km, Md2.9
 CSEM 19 13:18:43.7, 39.06N-33.29E, h12km, Md3.2, Error ellipse: s-maj=3.9km s-min=3.5km az=86.0
 ISC 19 13:18:44.1, 39.07N-33.28E:0.04, h15km, 6km, n23, n058235, Turkey

| Code | Station Name | Δ° | AZ° | Phase ID | Time Res | ISC | h m s | ISC |
|------|----------------|------|-----|----------|----------|------------|------------|------|
| BBAL | Bala | 0.48 | 346 | Op | ISC | Pg | 13 18 52.6 | -1.1 |
| BBAL | | | | S | Pg | 13 19 04.4 | +0.2 | |
| BBAL | | | | P | Pg | 13 18 52.6 | -1.1 | |
| BBAL | | | | S | Pg | 13 19 00.4 | +0.2 | |
| SULT | Sultanhanı-AKS | 0.89 | 168 | eP | Pg | 13 19 00.6 | -0.8 | |
| SULT | | | | eS | Pg | 13 19 14.1 | +0.9 | |
| SULT | | | | S | Pg | 13 19 00.6 | -0.8 | |
| SULT | | | | S | Pg | 13 19 14.1 | +0.9 | |
| LOD | Lodumlu | 0.91 | 334 | eP | Pg | 13 19 02.1 | +0.4 | |
| LOD | | | | eS | Pg | 13 19 14.5 | +0.9 | |
| LOD | | | | S | Pg | 13 19 02.1 | +0.4 | |
| LOD | | | | S | Pg | 13 19 14.5 | +0.9 | |
| CDAG | Cicekdag | 1.01 | 57 | iP | Pn | 13 19 02.2 | -3.1 | |
| CDAG | | | | S | Pn | 13 19 16.0 | +0.5 | |
| CDAG | | | | S | Pn | 13 19 16.0 | +0.4 | |
| KDHN | Kadinhanı | 1.06 | 239 | iP | Pn | 13 19 00.4 | -3.8 | |
| KDHN | | | | S | Pn | 13 19 17.5 | -0.4 | |
| KIZT | Kizilcal | 1.11 | 260 | eP | Pn | 13 19 05.2 | +0.1 | |
| KIZT | | | | eS | Pn | 13 19 05.2 | +0.1 | |
| KIZT | | | | S | Pn | 13 19 20.4 | +0.3 | |
| LADK | Ladik-KONYA | 1.13 | 220 | eP | Pn | 13 19 04.4 | -1.0 | |
| LADK | | | | eP | Pn | 13 19 04.4 | -1.0 | |
| AVNT | Avonos | 1.27 | 103 | iP | Pn | 13 19 07.4 | +0.1 | |
| AVNT | | | | S | Pn | 13 19 24.8 | +1.0 | |
| AVNT | | | | S | Pn | 13 19 07.4 | +0.1 | |
| AVNT | | | | S | Pn | 13 19 24.8 | +1.0 | |
| KONT | Konya-Tatoy | 1.34 | 213 | eP | Pn | 13 19 08.5 | +0.3 | |
| KONT | | | | eP | Pn | 13 19 08.5 | +0.3 | |
| SVRH | Sivrihisar-ESK | 1.41 | 286 | eP | Pn | 13 19 10.0 | +0.7 | |
| SVRH | | | | S | Pn | 13 19 10.0 | +0.7 | |
| CORM | Corum | 1.52 | 43 | eP | Pn | 13 19 10.9 | +0.1 | |
| CORM | | | | eP | Pn | 13 19 10.9 | +0.1 | |
| YOZ | Yozgat | 1.68 | 70 | eP | Pn | 13 19 13.1 | +0.1 | |
| YOZ | | | | eP | Pn | 13 19 13.1 | +0.1 | |

BUJ 19 13:39:41.4, 11.85N-93.00E, h14km, mb4.4/4
 ISCJB 19 13:39:50.8, 12.96N-93.27E:0.07, h11km, 19km, mb4.0/14, Error ellipse: s-maj=16.0km s-min=9.1km az=141.4
 IDC 19 13:39:50.9, 12.97N-93.23E, h0km, mb4.0/13, mb1 4.1/14, mb1mx3.9/23, mbtmp4.0/14, ML4.2/1, Error ellipse: s-maj=23.7km s-min=17.9km az=64.0
 NEIC 19 13:39:55.5, 13.02N-93.26E, h28km, 33km, mb4.0/3, Error ellipse: s-maj=19.9km s-min=11.2km az=49.0
 ISC 19 13:39:51.8, 12.94N-93.20E:0.07, h6km, 22km, n27, n059326, mb4.0/18, Andaman Islands region

| Code | Station Name | Δ° | AZ° | Phase ID | Time Res | ISC | h m s | ISC |
|-------|-----------------|--------|-----|----------|----------|------------|-------|-----|
| CM31 | Chiang Mai Arr | 7.79 | 45 | eP | Pn | 13 41 44.5 | -1.3 | |
| CM31 | | | | eS | Pn | 13 43 14.8 | +0.5 | |
| CMAR | Chiang Mai Arr | 7.79 | 45 | Pn | Pn | 13 41 47.0 | +1.3 | |
| CMAR | | | | S | Pn | 13 43 16.0 | +1.7 | |
| CHTO | Chiang Mai | 8.04 | 43 | eP | Pn | 13 41 50.6 | +1.4 | |
| CHTO | | | | eS | Pn | 13 43 19.0 | -1.5 | |
| LSA | Lhasa | 16.79 | 354 | P | Pn | 13 43 45.8 | -0.8 | |
| ENH | Enshi | 22.90 | 39 | P | P | 13 44 54.9 | -1.5 | |
| LZH | Lanzhou | 24.96 | 21 | eP | P | 13 45 15.0 | -1.1 | |
| LZH | | | | pP | P | 13 45 20.0 | | |
| LZH | | | | sP | sP | 13 45 23.1 | +4.4 | |
| LZH | | | | pmx | pmx | | | |
| GTA | Gaotai | 27.01 | 11 | eP | P | 13 45 35.9 | +1.3 | |
| GTA | | | | pP | P | 13 45 40.8 | +4.4 | |
| GTA | | | | sP | sP | 13 45 43.8 | +6.6 | |
| GTA | | | | pmx | pmx | | | |
| MK31 | Makanchi Array | 34.97 | 347 | eP | P | 13 46 44.7 | 0.0 | |
| MK31 | | | | P | P | 13 46 45.0 | +0.3 | |
| SONM | Songino Array | 36.49 | 15 | eP | P | 13 46 57.8 | +0.1 | |
| KSRS | Korea Array | 39.43 | 46 | P | P | 13 47 22.1 | -0.7 | |
| TLY | Talaya | 39.55 | 10 | eP | P | 13 47 24.6 | +1.1 | |
| ZALV | Zalesovo Beam | 41.44 | 353 | P | P | 13 47 38.9 | -0.2 | |
| BVAR | Borovoye Array | 43.93 | 340 | P | P | 13 47 59.6 | -0.2 | |
| ABKAR | Abkulaq array | 45.39 | 330 | eP | P | 13 48 11.4 | +0.4 | |
| WRA | Warramunga Arr | 52.03 | 128 | P | P | 13 49 02.3 | -0.2 | |
| ASAR | Allice Springs | 63.52 | 132 | P | P | 13 49 16.6 | +0.1 | |
| PETK | Petrovavlovsk | 64.90 | 307 | eP | P | 13 50 28.4 | -0.9 | |
| FINES | FINES Array B | 67.84 | 331 | P | P | 13 50 50.4 | -0.2 | |
| ARCES | ARCCESS Array B | 70.22 | 340 | P | P | 13 51 05.5 | +0.2 | |
| NB2 | NORSAR Subarra | 74.90 | 330 | P | P | 13 51 32.6 | -0.7 | |
| NOA | NORSAR Array B | 74.90 | 330 | P | P | 13 51 32.7 | -0.6 | |
| NOA | | | | P | P | 13 51 32.7 | -0.6 | |
| BOSA | Boshof | 77.53 | 237 | P | P | 13 51 50.4 | +1.5 | |
| ILAR | Eielson Array | 80.42 | 22 | P | P | 13 52 52.9 | -1.1 | |
| NVAR | Mina Array Bea | 121.09 | 29 | PKP | PKP | 13 58 46.5 | +0.8 | |
| TXAR | Lajitas Array | 134.93 | 21 | PKP | PKP | 13 59 13.4 | +0.9 | |
| TXAR | | | | PKPdf | PKPdf | | | |
| TXAR | | | | S | P | 13 59 13.4 | +0.9 | |
| TXAR | | | | S | P | 13 59 13.4 | +0.9 | |
| TXAR | | | | S | P | 13 59 13.4 | +0.9 | |
| TXAR | | | | S | P | 13 59 13.4 | | |

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JOT Ohata, JKB Kayabe, JNBK Urukawa-nobuka, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAJ 12nm,0.3s, MAJO Matsushiro, etc.

ISC/B 19 14:46:27.2, 2.0, 6.5, N0.0, 4.3, 127.0E, 0.3, h175km, 15km, mb3.9/3, Error ellipse: s-maj=79.2km s-min=23.2km az=40.3

MAN 19 14:46:29.5, 5.5, N3N, 126.28E, h80km, mb4.6, ML3.5, MS3.5, IDC 19 14:46:32.9, 7.5, 2.6, N6N, 126.67E, h0km, mb3.9/3, mb1.4/1.3, mb1mx3.5/2.1, mbtmp3.9/3, Error ellipse: s-maj=170.6km s-min=118.6km az=74.0

ISC 19 14:46:28.7, 2.2, 6.6, N0.0, 3.3, 127.2E, 0.3, h165km, 16km, n7, s126/10, mb3.9/3, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MATI Mati, DMPH Davao City-Mi, etc.

RSPR 19 14:56:24.9, 19.08N, 65.18W, h157km, 12km, MD3.8/3, 1C-5D, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like STVI Saint Thomas, TBVI Tortola, etc.

IDC 19 15:07:10.4, 1.7, 3.1, 2S, 142.23E, h0km, mb3.6/4, mb1.3/8.5, mb1mx3.5/1.7, mbtmp3.6/5, ML3.5/1, MS3.1/2, Ms1.3/1.2, mb1mx2.5/2.1, Error ellipse: s-maj=77.4km s-min=25.3km az=111.0, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA Warrungarra Arr, HNR Honiara, etc.

IDC 19 15:08:38.5, 24.0, 16.08S, 174.22W, h0km, mb4.2/4, mb1.4/4.4, mb1mx3.8/1.8, mbtmp4.2/4, Error ellipse: s-maj=457.0km s-min=147.8km az=71.0, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CTA Charters Tower, STKA Stephens Creek, etc.

ISC/B 19 15:21:08.1, 0.6, 2.3, 77N, 0.05, 108.56W, 0.04, h10km, mb4.5/3, MS3.7/9, Error ellipse: s-maj=7.7km

s-min=4.7km az=23.9, MEX 19 15:21:10.9, 0.3, 23.02N, 109.92W, h23km, 13km, MD4.5, IDC 19 15:21:10.8, 1.2, 24.1, 13N, 108.63W, h0km, mb4.0/5, mb1.4/2.9, mb1mx4.1/2.2, mbtmp3.9/9, ML3.8/4, MS3.7/13, Ms1.3/7.13, ms1mx3.6/2.7, Error ellipse: s-maj=26.1km s-min=19.0km az=90.0, NEIC 19 15:21:10.9, 0.8, 23.87N, 108.64W, h10km, mb4.5/5, Error ellipse: s-maj=13.5km s-min=7.3km az=216.0, BUJ 19 15:21:19.4, 23.97N, 108.55W, h91km, mb5.2/2, mb4.7/2, ISC 19 15:21:08.5, 0.5, 23.62N, 0.05, 108.64W, 0.04, h10km, n20, s126/291, mb4.5/3, MS3.7/9, 88C-80D, Gulf of California

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MAIG Mazatlán, TXAR Lajas Array, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSU Marysvalve, R13A O'Grain Ranch, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include TPWA Teton Pass, L15W Blackfoot, J05H Long Hollow, DCIDI Drake Creek, I18A Diamond G Ranch, K11A Parker Ranch, J14A Carey, J13A Cove Ranch, K10A MacKenzie Ranch, J12A Stokes Ranch, I17A Pilgrim Ck, IMW Indian Meadow, I16A Newdale, HLID Hailey, HLID Hailey, WWOR Wild Horse Val, I15A Montevie, MFID Carnas Ranch, I14A Mackay, MOD Modoc, I13A Wildhorse Cree, H17A Grant Village, RSSD Black Hills, I12A Atlanta, YFTA Old Faithful, LKWY Lake, I11A Placerville, H16A Russell Place, LRAL Lakeview Rete, H15A Lima, H14A Leadore, H13A Challis, MCMT McKenzie Canyo, RLMT Red Lodge, RLMT Red Lodge, H12A Diamond D Ranch, YBH Yreka Blue Heron, G16A Lutz El Ranch, G16A Moss Hill, G17A Pierce Place, G15A Dillon, SIUC Southern Illin, WVT Waverly, G13A Cobalt, DLMT Dillon, BOZ Bozeman (W), BOZ Bozeman (W), G12A Big Creek, F16A Kennard Place, F18A Big Timber, I07A Ize, F17A Fitzpatrick Pl, BMO Blue Mountains, LRM Limekiln Ridge, ECSD EROS Data Cent, F13A Darby, F12A Elk City, SWET Sewanee, E17A Martinsdale, E18A Harlowton, E15A Deer Lodge, E16A East Helena, LAO LASA Array, HRY Holter Resear, F10A Beaver Dam, E12A Beaver Dam, HDIL Hopedale, D16A Dana Ranch, CHMT Chamberlain Mo, D17A Six Diamond Ra, D18A Linhart Farms, MSO Missoula, D15A Lincoln, D14A Greenough, D13A Huson, SLMT Seelye Lake, WCI Wyandotte Cave, D12A Red Ives Fores, CPCT Cooper Cave, C17A Wharram Farm, SWMT Swartz Lake, C16A Fuhringer Ranc, C15A Salmond Ranch, EGMT Eagleton, C14A Swan Lake, C13A Hot Springs, JFWS Jewell Farm, TKL Tuckaleechee C.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include TKL Tuckaleechee C, B17A Grately Ranch, B15A Grately Ranch, C11A Tepee Creek, DGMT Dagmar, B13A Whitefish, A17A Triple J Farms, A16A West Butte Ran, LON Longmire, A15A Johnson Ranch, A14A Double T Ranch, WALA Waterton Lakes, JSC Jenkinville, JTS JuntasAbangare, AGMN Agassiz Nation, COWI Conover, EYMN Ely, ULM Lac du Bonnet, MCWV Mont Chateau, JSRW J. Sargeant Re, BINY Binghamton, NCB Newcomb, FCC Fort Churchill, OTAV Otavalo, ROSC El Rosal, YKA Yellowknife Ar, SCHO Schefferville, SCHQ, LZG Guadalupe-2, BCG Bois Riant Cap, PHG Guadalupe-2, DEG La Desirade, ILAR Eielson Array, TRF Trofremoun, PPLA Purkeypile, LPAZ La Paz, PPT Papeete, CUPP Vile Florida, PLCA Paso Flores, PLCA Paso Flores, PETK Petkajit Array, NOA NORSTAR Array, ESDC Sonsea Array, MDJ Mudanjani, MDJ, DZM Mont Dzumac, CNZ Chanchung, WMU Urumqi, LZH Lanzhou, LZH, CD2 Chengdu.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include ellipse: s-maj=26.6km s-min=12.4km az=130.0, ISC 19:16:08.05, HNR Honiara, HNR Honiara, HNR Honiara, HNR Honiara, DZM Mont Dzumac, DZM, CTA Charters Tower, CTA, CTAO Charters Tower, WRAB Tennant Creek, WRA Warramunga Arr, GUMO Guam, ASAR Alice Springs, CBJ Chichi jima, PPT Papeete, TBI Tubuai, MJAR Matsushiro Arr, PETK Petrapovlovsk, SONM Songino Array, ILAR Eielson Array, MKAR Makanchi Array, IDC 19:16:15.18, NEIC 19:16:15.26, Code Station Name, TXAR Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array, MINTX Great Sand Dun, MVU Maryvale, NVAR Mina Array, ELK Elko, ELK Elko, BW06 Boulder Array, PDAR Pinedale Array, ILAR Eielson Array, IDC 19:20:26.9, GUMO Guam, GUMO, WRA Warramunga Arr, CMAR Chiang Mai Arr, MKAR Makanchi Array, BVAR Borovoye Array, GUC 19:16:30.1, GUC 19:16:30.1, B001 Plate Boundary, B001 Plate Boundary, B004 Plate Boundary, B004 Plate Boundary, MACH Maria Elena, MACH Humberston, PSGC Pisagua, PSGC Pisagua, MNMC Miazia Miaz, MNMC Miazia, MNMC Miazia, CEN1 Los Morros, GUC 19:17:01, CHNG Los Chongos, CHNG Los Chongos, CMCH Combarbala, CMCH, TLL Tololo Astrono, TLL, PEL Peldehue, PEL, FCH Farellones, FCH, LMEL Las Melosas.

19d 18h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RAO Raoul Island, STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, FINES FINESS Array B.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DMPH Davao City, MATI Mati, MUSUAN Musuan.

BUI 19 17:49:10.7, 36.34N, 70.29E, h236km, mb4.4/1, mb4.5/2
ISCJB 19 17:49:11.5, 0.3, 36.48N, 0.03, 70.31E, 0.05, h218km, 4km, mb3.5/11, Error ellipse: s-maj=6.8km s-min=4.0km az=170.5

Main table for 19d 18h section, listing stations like KABUL, CHERAT, CHIRAH CHOWK, THAMME WALI, KARATAY ARR, UCHTOR, KARACHA, KARAGYBULAK, BISHKEK, BHAKRA, CHUMYSH, ULHAI, SUNDRAMAGAR, OSPENOVKA, KALPA, DEHRA DUN, KHETRI, NEW DELHI, SOHNA, AGRA, MAKANCHI ARR, GORKHA, AKBUL ARR, AKBUL ARR, DAMAN, KAKANI, KURCHATOV, KURCHATOV, PHULCHOKI, PULCHOKI, GUNGA, JIRI, AKTYUBINSK, AKTYUBINSK, BOROVYOYE ARR, BOROVYOYE.

2008 JUL

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BRVK Borovoye, TAPN Tapejung, ODAN Odare, LSA Lhasa, ZALV Zalesov Beam, GARNI, GNI, GNI, NVS Novosibirsk, ARU Arti, SONM Songino Array, BRTR Keskin Arr B, CMAR Chiang Mai Arr, HHC Hu-ho-hao-Te, HHC, HHC, HHC, FINES FINESS Arr B, FINES FINESS Arr B, FINES FINESS Arr B, NB2 NORSAR Subarra, NOA NORSAR Arr B, KMBO Kilima Mbogo, KMBO Kilima Mbogo, WRA Warramunga Arr, ASAR Alice Springs.

NIED 19 18:04:00.37, 50N, 142.70E, h23km, Mw3.6 Best double
comple: M3.11000/1014 NP1.3e37.00000, delta.00000, lambda.00000
NEIC 19 18:04:00.3, 0.9, 37.29N, 143.01E, h10km, mb4.2/1, Error ellipse: s-maj=17.8km s-min=16.5km az=148.0

Main table for 2008 JUL section, listing stations like JIO Ouri, JFK Kawouchi, JMM Marumori, ONAJ Iwakimizuishi, JOU Okura, JOU Ichinoseki, JMK JMK, JFT Shimata, JYS Shirataka, JYS Ohasama, JOM Kaneyama, JYK Ashikaga, JAG Ashikaga, MJAR Matsushiro Arr, MAJO Matsushiro, MAT Matsushiro, JYK Hachiojima, ASAJ Asahikawa, ASAJ Songino Array, ENH Enshi, MKAR Makanchi Arr B, KURK Kurchatov, ILAR Eleanora, ASAR Alice Springs, FINES FINESS Arr B, ASAR Malin Arr B, AKASG Malin Arr B.

BUI 19 18:11:31.2, 21.49N, 144.30E, h151km, mb4.8/6, mb4.6/12
ISCJB 19 18:11:38.0, 0.9, 22.16N, 143.41E, h129km, 7km, mb3.9/19, mb1.4/1, mb1mx2.0/2, mbtmp4.0/21, MS3.2/2, Ms1.3/2.2, ms1mx2.6/36, Error ellipse: s-maj=16.9km s-min=9.6km az=83.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CBIJ Chichi jima, CBIJ Guam, GUNGO Guam, MJAR Matsushiro Arr, MAJO Matsushiro, MAT Matsushiro, NACB Nanchangchao, KRSR Korea Arr, KRSR.

868

Main table for 868 section, listing stations like YHNB Yeheng, SSSL Suanglung, INCN Incho, ASAJ Asahikawa, MDJ Mudanjing, ENH Enshi, PETK Petropavlovsk, PET Petropavlovsk, HIA Hailar, HNR Honiara, LZH Lanzhou, LZH, ULN Ulanbatar, SONM Songino Array, GTA Gaotai, YAK Yakutsk, CTAR Charters Tower, CTAR Charters Tower, TRLY Talaya, WRA Tennant Creek, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, ASAR Alice Springs, ASAR, LSA Lhasa, BILL Bilibino, MEWA Mewa Bar, ODAN Odare, JIRN Jiri, PKI Pulchoki, PKI Pulchoki, KKN Kakani, DMN Daman, STKA Stephens Creek, STKA Stephens Creek, MKAR Makanchi Arr, MKAR Makanchi Arr, KURK Kurchatov, UCH Uchto, EK2S Erkin-Say, AML Almayashu, ILAR ILAR, BVAR Borkha, BVAR Borkha, BRVK Borovoye, KBL Kabul, INK Inuvik, ARU Arti, ABKAR Akbulak Arr, ABKAR Akbulak Arr, YKA Yellowknife Arr, YKA Yellowknife Arr, KEV Kevo, ARCES ARCESS Array B, AREO ARCESS Array S, KAF Kangasniemi, NVAR Mina Arr Bay, AKASG Malin Arr B, NOA NORSAR Arr B, BRTR Keskin Arr B, PLCA Pasa Fiores, LPAZ La Paz.

ISCJB 19 18:15:57.1, 1.2, 3.39S, 100.67E, h0km, mb4.3/14, mb1.4/12, mb1mx2.2/2, mbtmp4.3/16, ML3.9/2, MS4.0/12, Ms1.4/0.16, ms1mx4.7/32, Error ellipse: s-maj=37.2km s-min=15.1km az=50.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KRJI Kerinci, KRJI Kerinci, MNAI Mangang, PDSI Padang, SDSA Sundaig Dareh, SISI Saibai, MDSI Maura Dua, LWLI Lwili, BKNI Bangkinang, KLSI KLSI, KASI Kota Agung, MNSI Mandailing Nat, BLSI Bandar Lampung, CGJI Cibinong, MYKOM Kota Tinggi.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PSI, CBUJ, LEM, IPM, KULM, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like YAK, MAW, ASF, EIL, MMAI, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PKIN, PKI, WMQ, Urumqi, etc.

19d 18h

2008 JUL

Table with columns for station call letters, frequency, and signal strength. Includes stations like GTA, BJI, ZARASAI, and others.

Table with columns for station call letters, frequency, and signal strength. Includes stations like BJI, ZARASAI, and others.

Table with columns for station call letters, frequency, and signal strength. Includes stations like GIVF, FRF, MAIZERES, and others.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BPAW Bear Paw Mtn., ILAR Eielson Array, ILAR comp=2.2nm,0.5s,mb4.1, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IDC 19 18:44:07.9-4.7, 3.30S, 100.42E, h0km, mb3.6/3, etc.

NIED 19 18:58:00.39, 10N, 140.80E, h17km, Mw3.4 Best double couple: M=1.64000x1014 NP1.3x2.00000, d.77.00000, etc.

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

NEIC 19 19:24:03.3, 19.20N, 64.67W, h56km, MD3.7(RSPR), After RSPR.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TBVI Tortola, STVI Saint Thomas, STVI Saint Thomas, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MAN 19 19:26:13, 13.43N, 124.84E, h89km, mb5.2, ML4.2, MS4.3, etc.

NEIC 19 19:57:54.2, 29.49S, 71.90W, h45km, MD3.9(GUC), After GUC.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LCO Las Campanas, LCO Las Campanas, LCO comp=E, 1.1um, 0.7s, etc.

NEIC 19 19:58:35.2, 16.16N, 96.79W, h30km, MD3.8(MEX), After MEX.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CMCH Combarbala, CMCH Combarbala, CMCH comp=E, 2um, 0.9s, etc.

CSEM 19 20:02:50.7, 1.0, 35.06N, 1.65W, h5km, mb3.2/7, Error ellipse: s-maj=24.3km s-min=10.8km az=10.0, etc.

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

ISCJB 19 20:02:53.1, 3.35, 12N, 0.08, h10km, Error ellipse: s-maj=11.4km s-min=7.3km az=11.6, etc.

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

ISC 19 20:02:52.6, 1.3, 35.06N, 1.008, h10km, n42, e1921/81, Northern Algeria

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like EQES 1.7nm, 0.5s, SNR=7.9, EQES 1.6nm, 0.5s, SNR=4.0, etc.

GUC 19 20:04:22.1, 0.6, 22.26S, 66.68W, h280km, ML3.8, 1C-2D, Jujuy Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PB04 Plate Boundary, PB04 Plate Boundary, PB04 Plate Boundary, etc.

IDC 19 20:09:41.1, 3.9, 22.82S, 175.22W, h0km, mb4.1/6, mb1 4.2/6, mb1mx3.9/19, mbtmp4.1/6, Error ellipse: s-maj=151.9km s-min=34.3km az=145.0, Tonga Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CTA Charters Tower, STKA Stephens Creek, ASAR Alice Springs, etc.

Table with columns for station ID, name, coordinates, and various signal quality metrics (e.g., SNR, S/N, etc.).

Table with columns for station ID, name, coordinates, and various signal quality metrics (e.g., SNR, S/N, etc.).

Table with columns for station ID, name, coordinates, and various signal quality metrics (e.g., SNR, S/N, etc.).

Table with columns: ID, Name, Date, Time, Status, etc. Includes entries like 225A Deer Hill, ANMO Albuquerque, H14A Leadville, etc.

Table with columns: ID, Name, Date, Time, Status, etc. Includes entries like W25A X Bar L Ranch, BOZ Bozeman, BOZ Bozeman, etc.

Table with columns: ID, Name, Date, Time, Status, etc. Includes entries like ARCES ARCESS Array B, ARCES ARCESS Array B, etc.

| | | | | | | | |
|------|--|----------------|------|------------|------|--|--|
| PFO | comp=Z,231nm,1.2s,mb5.7 | pmax | pmax | | | | |
| PFO | Pinoy Flat Ob 77.02 48 eP | P | | 22 51 03.9 | 0.0 | | |
| LRMC | comp=Z,231nm,1.2s,mb5.7 | 77.13 46 P | P | 22 51 04.6 | +0.1 | | |
| SWSC | Sam W. Stewart 77.15 49 iP | P | | 22 51 04.4 | -0.2 | | |
| KLSI | comp=Z,133nm,1.5s,mb5.3 | 77.16 269 P | P | 22 51 04.6 | -0.6 | | |
| KEBM | Edson Butte 77.20 37 eP | P | | 22 51 04.4 | +0.3 | | |
| RRX | Edison Barstow 77.29 47 iP | P | | 22 51 05.9 | +0.6 | | |
| CWC | Cottonwood Cre 77.38 45 iP | P | | 22 51 06.6 | +0.8 | | |
| YBH | Yreka Blue Hor 77.45 39 P | P | | 22 51 06.3 | +0.2 | | |
| YBH | Laurel Mountai 77.45 39 P | P | | 22 52 34.5 | +1.1 | | |
| YBH | comp=Z,17nm,0.9s,baz=118,slow=10,SNR=1.9 | iP | pP | | | | |
| YBH | Yreka Blue Hor 77.45 39 P | P | | 22 51 06.3 | +0.2 | | |
| YBH | comp=Z,149nm,1.0s | 77.45 39 eP | P | 22 51 06.4 | +0.4 | | |
| YBH | Yreka Blue Hor 77.45 39 eP | P | | 22 51 06.4 | +0.4 | | |
| MLAC | Mammoth Lakes 77.53 44 iP | eP | pP | 22 52 36.1 | +2.7 | | |
| BELC | Belle Mtn. Jos 77.54 48 P | P | | 22 51 07.2 | +0.7 | | |
| MTUM | Tungsten Hills 77.55 44 P | P | | 22 51 07.0 | +0.3 | | |
| MPMC | Manual Creek 77.58 46 iP | P | | 22 51 07.8 | -0.1 | | |
| TIN | Tinemaha 77.61 45 iP | P | | 22 51 07.4 | +0.3 | | |
| WAKR | Walker, SNR=24 77.62 43 eP | P | | 22 51 07.3 | +0.2 | | |
| GSC | Goldstone 77.65 47 P | P | | 22 51 07.2 | -0.1 | | |
| GSC | Goldstone 77.65 47 eP | eP | pP | 22 51 07.1 | -0.2 | | |
| GSC | comp=Z,230nm,1.0s,mb5.8 | 77.65 47 eP | pP | 22 52 36.5 | +1.8 | | |
| GSC | Goldstone 77.65 47 eP | P | | 22 51 07.1 | -0.2 | | |
| GSC | comp=Z,230nm,1.0s,mb5.8 | 77.65 47 eP | pP | 22 52 36.5 | +1.8 | | |
| KDVK | Kodiak Island 77.66 13 eP | eP | pP | 22 51 05.4 | +0.4 | | |
| KDVK | Kodiak Island 77.66 13 P | P | | 22 51 05.9 | -0.9 | | |
| KDVK | comp=Z,15nm,0.8s,baz=231,slow=6.5,SNR=0.9 | iP | pP | 22 52 33.9 | -0.3 | | |
| KDVK | Kodiak Island 77.66 13 iP | P | | 22 51 05.6 | -1.2 | | |
| KDVK | Kodiak Island 77.66 13 P | P | | 22 51 05.8 | -1.0 | | |
| LWLI | Liwa 77.71 269 P | P | | 22 51 07.7 | -0.5 | | |
| HEC | Hector, Ludlow 77.74 47 iP | P | | 22 51 07.3 | -0.5 | | |
| BC3 | Hig Chuckawall 77.76 49 iP | P | | 22 51 08.1 | +0.2 | | |
| HKC | Bong Kong Obse 77.80 298 iP | P | | 22 51 08.0 | -0.4 | | |
| HKC | comp=Z,133nm,0.7s,mb5.7 | 77.80 298 iP | P | 22 50 26.0 | -2.5 | | |
| 112A | Yuma 77.83 50 iP | S | | 22 51 08.6 | +0.2 | | |
| HUMO | Hull Mountain 77.84 38 eP | P | | 22 51 08.4 | +0.3 | | |
| HUMO | comp=Z,231nm,1.2s,mb5.7 | 77.84 38 eP | P | 22 52 37.7 | +2.1 | | |
| WCN | Washoe City 77.86 42 iP | eP | pP | 22 51 08.3 | -0.1 | | |
| GLA | Glamis 77.91 50 P | P | | 22 51 09.3 | +0.5 | | |
| GLA | Glamis 77.91 50 eP | P | | 22 51 09.5 | +0.7 | | |
| GLA | comp=Z,500nm,1.1s,mb6.1 | 77.91 50 eP | pmax | 22 51 09.4 | +0.7 | | |
| GLA | Glamis 77.91 50 eP | P | | 22 51 09.4 | +0.7 | | |
| HABR | Khabarovsk 78.11 330 d iP | P | | 22 51 09.8 | +0.3 | | |
| HABR | comp=Z,221nm,1.0s | 78.11 330 d iP | eP | 22 52 35.7 | -1.3 | | |
| HABR | comp=Z,148nm,1.1s | 78.11 330 d iP | eSP | 22 53 18.7 | +0.8 | | |
| HABR | comp=Z,4um,7.3s | 78.11 330 d iP | PPP | 22 54 09.8 | | | |
| HABR | comp=Z,531nm,22.0s | 78.11 330 d iP | eS | 22 55 59.1 | | | |
| HABR | comp=Z,2.2nm,0.8s,baz=307,slow=25,SNR=1.3 | 78.11 330 d iP | eS | 23 00 29.8 | -0.8 | | |
| HABR | comp=Z,2.2nm,0.8s,baz=225,slow=3.1,SNR=3.9 | 78.11 330 d iP | eSS | 23 00 45.4 | | | |
| HABR | comp=Z,2.1nm,1.0s,baz=255,slow=5.5,SNR=3.4 | 78.11 330 d iP | eSSS | 23 05 37.7 | -5.2 | | |
| HABR | comp=Z,604nm,1.0s,mb6.2 | 78.11 330 d iP | pmax | 23 09 04.6 | | | |
| HABR | comp=E,221nm,1.0s | 78.11 330 d iP | pmax | | | | |
| HABR | comp=N,148nm,1.1s | 78.11 330 d iP | pmax | | | | |
| HABR | comp=Z,4um,7.3s | 78.11 330 d iP | pmax | | | | |
| HABR | comp=Z,531nm,22.0s | 78.11 330 d iP | MLR | | | | |
| GRAC | Grapevine Rang 78.16 45 iP | P | | 22 51 10.0 | 0.0 | | |
| GMRC | Granite Mounta 78.18 48 iP | P | | 22 51 09.9 | -0.3 | | |
| FURC | Furnace Creek, 78.23 46 iP | P | | 22 51 10.2 | -0.2 | | |
| IRM | Iron Mountain 78.23 48 iP | P | | 22 51 10.3 | -0.2 | | |
| NVAR | Mina Array Bea 78.32 43 P | P | | 22 51 10.9 | 0.0 | | |
| NVAR | comp=Z,133nm,0.7s,mb5.7 | 78.32 43 P | eP | 22 52 36.6 | -8.3 | | |
| NVAR | comp=Z,2.2nm,0.8s,baz=307,slow=25,SNR=1.3 | 78.32 43 P | eP | 22 52 38.4 | 0.0 | | |
| NVAR | comp=Z,2.2nm,0.8s,baz=225,slow=3.1,SNR=3.9 | 78.32 43 P | eP | 22 56 45.5 | +1.6 | | |
| NVAR | comp=Z,2.1nm,1.0s,baz=255,slow=5.5,SNR=3.4 | 78.32 43 P | eP | 23 00 38.8 | +5.5 | | |
| NVAR | Mina Array Bea 78.32 43 P | P | | 22 51 10.9 | 0.0 | | |
| NVAR | comp=Z,237nm,1.1s,mb5.7 | 78.32 43 P | eP | 22 52 38.4 | 0.0 | | |
| PAHR | Pah Rah Range 78.33 42 eP | P | | 22 51 10.8 | 0.0 | | |
| SHOC | Shoshone 78.33 46 iP | P | | 22 51 11.6 | +0.6 | | |
| TUO | Turquoise Moun 78.33 47 iP | P | | 22 51 10.8 | -0.2 | | |
| MDJ | Mudanjiang 78.39 324 P | P | | 22 51 11.9 | +0.8 | | |
| MDJ | comp=Z,240nm,1.2s,mb5.7 | 78.39 324 P | eP | 22 52 38.6 | -0.1 | | |
| MDJ | comp=Z,2um,8.8s | 78.39 324 P | eP | 22 53 20.3 | +0.7 | | |
| MDJ | comp=Z,239nm,1.0s,mb5.8 | 78.39 324 P | eP | 22 54 14.8 | -0.3 | | |
| NJ2 | Nanjing 78.45 309 eP | P | | 23 00 37.3 | +3.5 | | |
| NJ2 | comp=Z,220nm,1.1s,mb5.3 | 78.45 309 eP | eP | 22 51 11.7 | +0.6 | | |
| NJ2 | comp=Z,2um,8.8s | 78.45 309 eP | eP | 22 51 12.3 | +0.6 | | |
| NJ2 | comp=Z,239nm,1.0s,mb5.8 | 78.45 309 eP | eP | 22 52 38.9 | -0.4 | | |
| NJ2 | comp=Z,2um,8.8s | 78.45 309 eP | eP | 22 53 18.1 | -2.1 | | |
| NJ2 | comp=Z,2um,8.8s | 78.45 309 eP | eP | 22 54 17.0 | +1.2 | | |
| NJ2 | comp=Z,2um,8.8s | 78.45 309 eP | eP | 23 00 39.0 | +4.0 | | |
| NJ2 | comp=Z,270nm,1.0s,mb5.8 | 78.45 309 eP | eP | 23 00 49.0 | | | |
| NJ2 | comp=Z,2um,8.8s | 78.45 309 eP | eP | | | | |
| 113A | Mohawk Valley, 78.54 50 iP | P | | 22 51 12.2 | 0.0 | | |
| U10A | Ash Meadows, A 78.56 46 iP | P | | 22 51 12.0 | -0.2 | | |
| MPOR | Mary's Peak 78.66 36 P | P | | 22 51 13.7 | +1.1 | | |
| LDFC | Landfair 78.72 48 eP | P | | 22 51 14.3 | +1.1 | | |
| GZH | Guangzhou 78.82 299 P | P | | 22 51 14.6 | +0.7 | | |
| GZH | comp=Z,1um,1.3s,mb6.3 | 78.82 299 P | eP | 23 00 41.9 | +2.7 | | |
| GZH | comp=Z,2um,7.8s | 78.82 299 P | eP | | | | |
| Z13A | Yuma Proving G 78.83 50 iP | P | | 22 51 14.0 | +0.2 | | |
| COR | Corvallis 78.85 36 eP | P | | 22 51 13.7 | +0.1 | | |
| COR | comp=Z,186nm,1.1s,mb5.6 | 78.85 36 eP | eP | 22 51 13.7 | +0.1 | | |
| COR | Corvallis 78.85 36 eP | P | | 22 51 13.7 | +0.1 | | |

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|-------|----------------------------|--------------|----|------------|------|--|--|
| 214A | Organ Pipe Nat 78.86 51 iP | P | | 22 51 14.3 | +0.4 | | |
| V11A | Goodsprings 78.89 47 iP | P | | 22 51 13.8 | -0.2 | | |
| MNAI | comp=Z,289nm,0.8s,mb5.5 | 78.95 269 P | P | 22 51 14.7 | -0.2 | | |
| HEBO | Mount Hebo 78.99 35 eP | P | | 22 51 15.7 | +1.4 | | |
| W12A | Cad New Art 79.00 48 iP | P | | 22 51 14.4 | -0.2 | | |
| MOD | Detroit Lake 79.01 40 eP | P | | 22 51 14.5 | 0.0 | | |
| Y13A | Salome 79.01 49 iP | eP | pP | 22 52 45.4 | +3.2 | | |
| PDMCI | Parker Dam,Lak 79.02 49 iP | P | | 22 51 14.9 | +0.2 | | |
| K05A | Summer Lake 79.13 39 iP | P | | 22 51 15.3 | +0.2 | | |
| S10A | Tonopah Rang 79.18 45 iP | P | | 22 51 15.2 | -0.3 | | |
| 114A | Black Gap (USA 79.18 51 iP | P | | 22 51 15.4 | -0.2 | | |
| U11A | Corn Creek 79.22 46 iP | P | | 22 51 16.5 | +0.7 | | |
| V12A | Nelson 79.23 47 iP | P | | 22 51 15.8 | -0.1 | | |
| X13A | Yucca 79.39 49 iP | P | | 22 51 16.8 | +0.1 | | |
| KMOR | Kings Mountain 79.40 35 P | P | | 22 51 17.5 | +1.0 | | |
| Z14A | Wintersburg 79.43 50 iP | P | | 22 51 17.4 | +0.4 | | |
| KSI | Kapahiang 79.50 269 P | P | | 22 51 17.2 | -0.6 | | |
| F03A | Seaside 79.54 35 iP | P | | 22 51 18.2 | +0.9 | | |
| H04A | Detroit Lake 79.54 37 iP | P | | 22 51 16.7 | -0.6 | | |
| R10A | Warm Springs 79.56 44 iP | P | | 22 51 17.6 | +0.1 | | |
| S11A | Rache 79.60 45 iP | P | | 22 51 18.2 | +0.4 | | |
| W13A | Hualapai Mount 79.60 48 P | P | | 22 51 18.3 | +0.5 | | |
| 115A | Sonoran Desert 79.64 51 iP | P | | 22 51 18.3 | +0.2 | | |
| Y14A | Wickenburg 79.67 50 iP | P | | 22 51 18.1 | -0.1 | | |
| G04A | Mulino 79.70 36 iP | P | | 22 51 17.3 | -0.8 | | |
| T11A | Corn Creek, Al 79.75 46 iP | P | | 22 51 18.7 | +0.1 | | |
| Q10A | Clear Creek Ra 79.78 44 iP | P | | 22 51 18.1 | -0.6 | | |
| U12A | Troy Canyon, 79.81 47 iP | P | | 22 51 18.9 | -0.1 | | |
| T12A | Moapa 79.84 46 iP | P | | 22 51 18.8 | -0.2 | | |
| 216A | Thry Canyon, 79.89 52 iP | P | | 22 51 20.2 | +0.7 | | |
| V13A | Grand Canyon W 79.91 47 iP | P | | 22 51 19.4 | -0.1 | | |
| MYKOM | Kota Tinggi 79.92 275 P | P | | 22 51 20.9 | +0.8 | | |
| MYKOM | Kota Tinggi 79.92 275 P | P | | 22 52 48.2 | +0.3 | | |
| MYKOM | Kota Tinggi 79.92 275 P | P | | 22 51 21.0 | +1.0 | | |
| E03A | Leban 79.93 34 iP | P | | 22 51 19.0 | -0.3 | | |
| DL2 | Dalian 79.96 316 iP | eP | pP | 22 51 20.3 | +0.6 | | |
| DL2 | comp=Z,90nm,1.1s,mb5.3 | 79.96 316 iP | eP | 22 52 45.1 | -2.5 | | |
| DL2 | comp=Z,90nm,1.1s,mb5.3 | 79.96 316 iP | eP | 23 00 56.3 | +2.8 | | |
| DL2 | comp=Z,1um,9.3s | 79.96 316 iP | eP | | | | |
| 116A | Eloy 79.97 51 iP | P | | 22 51 20.3 | +0.4 | | |
| Z15A | Gila River Ind 79.98 51 iP | P | | 22 51 20.3 | +0.5 | | |
| X14A | Yava 80.01 49 iP | P | | 22 51 20.4 | +0.4 | | |
| R11A | Redoubt South 80.08 45 iP | P | | 22 51 19.7 | -0.6 | | |
| RSO | Redoubt South 80.08 12 eP | P | | 22 51 18.7 | -1.0 | | |
| BMN | Battle Mountai 80.11 42 eP | P | | 22 51 20.5 | +0.1 | | |
| BMN | comp=Z,283nm,1.1s,mb5.8 | 80.11 42 eP | eP | 22 52 50.8 | +2.4 | | |
| BMN | Battle Mountai 80.11 42 eP | P | | 22 51 20.5 | +0.1 | | |
| BMN | comp=Z,283nm,1.1s,mb5.8 | 80.11 42 eP | eP | 22 52 18.5 | -1.6 | | |
| SVW2 | Sparrevohn 80.14 11 eP | eP | pP | 22 51 18.5 | -1.6 | | |
| Y15A | Casa Rosa Ranc 80.16 50 iP | P | | 22 51 21.3 | +0.4 | | |
| P10A | Eureka 80.16 43 iP | P | | 22 51 20.3 | -0.4 | | |
| F04A | Amboy 80.17 35 iP | P | | 22 51 20.1 | -0.5 | | |
| S12A | Delamar Landin 80.19 46 iP | P | | 22 51 21.3 | +0.4 | | |
| A13A | Pakam Wash 80.20 47 iP | P | | 22 51 21.2 | +0.2 | | |
| KLR | Kul'dur 80.23 329 eP | P | | 22 51 17.1 | -3.7 | | |
| KLR | comp=E,100nm,1.2s | 80.23 329 eP | eS | 22 52 48.5 | -0.3 | | |
| KLR | comp=Z,160nm,1.2s,mb5.5 | 80.23 329 eP | eS | 23 00 51.0 | -1.7 | | |
| KLR | comp=Z,3um,3.0s | 80.23 329 eP | eS | | | | |
| KLR | comp=N,4um,14.0s | 80.23 329 eP | eS | | | | |
| W14A | Seligman 80.23 48 iP | P | | 22 51 21.6 | +0.5 | | |
| Q1Z | Qiongzong 80.23 293 P | P | | 22 51 21.6 | +0.1 | | |
| Q1Z | comp=Z,1um,12.8s | 80.23 293 P | eP | 22 52 45.3 | +3.7 | | |
| Q1Z | comp=Z,154nm,1.6s,mb5.4 | 80.23 293 P | eP | 22 52 26.3 | -4.0 | | |
| Q1Z | comp=Z,1um,12.8s | 80.23 293 P | eP | 23 00 51.8 | -2.2 | | |
| 217A | Green Valley 80.27 52 iP | P | | 22 51 22.2 | +0.7 | | |
| CN2 | Changchun 80.28 322 eP | P | | 22 51 21.8 | +0.6 | | |
| CN2 | comp=Z,242nm,1.0s,mb5.8 | 80.28 322 eP | eP | 22 52 49.0 | -0.2 | | |
| CN2 | comp=Z,242nm,1.0s,mb5.8 | 80.28 322 eP | eP | 23 00 53.6 | +0.1 | | |

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|------|-------------------------|-------|-----|----|------|-----------------|
| Y24A | Capitan | 85.28 | 52 | ↑P | P | 22 51 47.1 +0.2 |
| M18A | Lyman | 85.29 | 44 | ↓P | P | 22 51 46.5 -0.2 |
| F14A | Wisdom | 85.34 | 39 | ↓P | P | 22 51 46.3 -0.6 |
| N18A | Larsen Ranch | 85.34 | 45 | ↑P | P | 22 51 46.4 -0.6 |
| 326A | Caldwell Ranch | 85.35 | 55 | ↑P | P | 22 51 47.4 +0.1 |
| K17A | Gardner Place | 85.35 | 43 | ↓P | P | 22 51 47.1 +0.1 |
| D13A | Huson | 85.36 | 38 | ↓P | P | 22 51 45.6 -1.3 |
| 125A | Gardner Draw | 85.36 | 54 | ↑P | P | 22 51 47.1 -0.2 |
| Q20A | Ridgley Place | 85.36 | 47 | ↑P | P | 22 51 46.9 -0.2 |
| RR12 | Red Ridge | 85.39 | 42 | ↓P | P | 22 51 47.6 +0.5 |
| O19A | Miners Draw (B) | 85.40 | 45 | ↑P | P | 22 51 46.8 -0.5 |
| GD1L | Guadalupe Moun | 85.40 | 54 | ↑P | P | 22 51 48.3 +0.7 |
| B12A | Libby | 85.44 | 36 | ↓P | P | 22 51 46.8 -0.5 |
| V23A | Ortiz Mt. (NFS) | 85.48 | 51 | ↑P | P | 22 51 48.4 +0.6 |
| T22A | Edith | 85.50 | 49 | P | P | 22 51 47.9 0.0 |
| 628A | Black Gap, Mar | 85.50 | 57 | ↑P | P | 22 51 48.6 +0.5 |
| MSO | Missoula | 85.52 | 38 | ↓P | P | 22 51 46.8 -0.9 |
| M16A | Newdale | 85.53 | 41 | ↑P | PP | 22 55 06.1 -7.0 |
| P20A | De Beque | 85.54 | 46 | ↓P | P | 22 51 47.9 -0.1 |
| L18A | Fontenelle, G | 85.54 | 44 | ↑P | P | 22 51 47.3 -0.6 |
| X24A | Lazy VL Ranch | 85.55 | 52 | ↓P | P | 22 51 47.3 -0.8 |
| G15A | Dillon | 85.55 | 40 | ↑P | P | 22 51 47.9 -0.1 |
| 226A | Malaga, Loving | 85.55 | 55 | ↑P | P | 22 51 48.5 +0.3 |
| Z25A | Roswell | 85.56 | 53 | ↑P | P | 22 51 48.6 +0.3 |
| BSMT | Bassoo Peak | 85.56 | 37 | ↓P | P | 22 51 47.2 -0.7 |
| E14A | Clinton | 85.57 | 39 | ↓P | P | 22 51 47.5 -0.5 |
| DLMT | Dillon | 85.58 | 40 | ↓P | P | 22 51 48.1 +0.1 |
| DC1D | Drake Creek | 85.59 | 42 | ↓P | P | 22 51 48.8 +0.6 |
| C13A | Hot Springs | 85.60 | 37 | ↑P | P | 22 51 46.8 -1.3 |
| 427A | Hayter Ranch | 85.62 | 56 | ↓P | P | 22 51 49.2 +0.6 |
| R21A | Cimarron | 85.62 | 48 | ↑P | P | 22 51 48.8 +0.3 |
| N19A | John Jarvie Ra | 85.64 | 45 | ↓P | P | 22 51 47.7 -0.8 |
| A12A | Paak River Ran | 85.65 | 36 | ↓P | P | 22 51 48.0 -0.4 |
| TPAW | Teton Pass | 85.69 | 42 | ↓P | P | 22 51 48.7 +0.1 |
| TPAW | Red Top Meadow | 85.69 | 42 | ↓P | P | 22 53 23.3 |
| GYA | Guiyang | 85.72 | 299 | ↓P | P | 22 51 49.9 +0.7 |
| GYA | | | | | P | 22 53 21.8 +3.3 |
| GYA | | | | | P | 22 54 02.3 +3.3 |
| GYA | | | | | P | 22 55 18.9 +3.8 |
| GYA | | | | | P | 23 01 39.8 -8.7 |
| GYA | | | | | P | 23 04 27.3 +0.1 |
| GYA | | | | | P | 23 07 36.9 +0.8 |
| GYA | comp-Z,170nm,1.0s,mb5.7 | | | | Pmax | |
| GYA | comp-Z,2µm,6.8s | | | | LR | LR |
| GYA | comp-N,14µm,22.9s | | | | LR | LR |
| GYA | comp-E,13µm,24.6s | | | | LR | LR |
| U23A | comp-Z,17µm,22.8s | | | | | |
| U23A | Ei Rito | 85.72 | 50 | ↓P | P | 22 51 49.3 +0.3 |
| TIY | Taiyuan | 85.73 | 312 | ↓P | P | 22 51 49.8 +0.8 |
| TIY | | | | | P | 22 53 16.6 -1.7 |
| TIY | | | | | P | 23 01 39.9 -8.2 |
| 327A | Balmorhea Ranc | 85.75 | 55 | ↓P | P | 22 51 49.3 0.0 |
| J17A | Brown Place, J | 85.78 | 42 | P | P | 22 51 49.3 +0.2 |
| JTMT | Jette | 85.80 | 37 | ↓P | P | 22 51 49.0 -0.1 |
| SNOW | Snow King Moun | 85.80 | 42 | ↓P | P | 22 51 49.6 +0.5 |
| SNOW | Carlsbad | 85.80 | 54 | ↓P | P | 22 53 21.5 +2.9 |
| Q21A | Lamborn Mesa | 85.81 | 47 | P | P | 22 51 50.1 +0.6 |
| W24A | Lazy 6 Ranch | 85.83 | 51 | ↑P | P | 22 51 49.0 -0.6 |
| SWMT | Swartz Lake | 85.84 | 37 | ↓P | P | 22 51 47.9 -1.4 |
| 528A | Cox Ranch, San | 85.84 | 57 | ↑P | P | 22 51 50.5 +0.8 |
| 528A | | | | | P | 22 51 51.8 0.0 |
| Y25A | Mesa, Roswell | 85.84 | 53 | ↑P | P | 22 51 49.4 -0.2 |
| 126A | Clayton Basin | 85.85 | 54 | ↑P | P | 22 51 49.7 0.0 |
| S22A | 4UR Ranch, Cre | 85.87 | 49 | ↓P | P | 22 51 50.0 +0.4 |
| K18A | Toltan Ranch | 85.87 | 43 | ↑P | P | 22 51 49.6 +0.1 |
| F15A | Butte | 85.88 | 39 | ↑P | P | 22 51 49.0 -0.5 |
| IMW | Indian Meadow | 85.89 | 42 | ↓P | P | 22 51 50.0 +0.4 |
| IMW | | | | | P | 22 53 23.2 +4.2 |
| IMW | | | | | P | 22 55 13.1 -3.0 |
| LRM | Limekiln Ridge | 85.90 | 39 | ↓P | P | 22 51 49.4 -0.2 |
| D14A | Greenough | 85.91 | 38 | ↓P | P | 22 51 48.4 -1.2 |
| O20A | White River Ci | 85.93 | 46 | ↑P | P | 22 51 49.6 -0.3 |
| M19A | Rock Springs | 85.93 | 44 | ↑P | P | 22 51 49.2 -0.6 |
| LOHW | Long Hollow | 85.97 | 42 | ↓P | P | 22 51 50.0 0.0 |
| LOHW | | | | | P | 22 53 20.9 +1.5 |
| CHMT | Chamberlain Mo | 85.97 | 38 | ↓P | P | 22 51 49.2 -0.7 |
| SLMT | Seeley Lake | 86.00 | 38 | ↓P | P | 22 51 49.1 -1.0 |
| G16A | Moss Hill, Enn | 86.00 | 40 | ↓P | P | 22 51 50.0 -0.1 |
| YBMT | Yellow Bay | 86.02 | 37 | ↓P | P | 22 51 49.7 -0.4 |
| B13A | Whitefish | 86.02 | 36 | ↓P | P | 22 51 49.0 -1.1 |
| BILL | Bilbino | 86.04 | 354 | ↓P | P | 22 51 48.6 -1.2 |
| BILL | | | | | P | 22 53 19.4 +0.2 |
| BILL | | | | | P | 22 55 12.9 |
| BILL | | | | | P | 23 01 51.5 +1.7 |
| BILL | comp-Z,701nm,1.0s,mb5.3 | | | | Pmax | |
| BILL | Bilbino | 86.04 | 354 | ↓P | P | 22 51 48.9 -0.8 |
| BILL | | | | | P | 22 53 17.3 -1.9 |
| L19A | Farson | 86.07 | 44 | ↓P | P | 22 51 50.2 -0.3 |
| E15A | Deer Lodge | 86.09 | 39 | ↓P | P | 22 51 49.7 -0.7 |
| H16A | Russell Place | 86.09 | 41 | ↑P | P | 22 51 51.2 +0.7 |
| X25A | Clemmons Ranch | 86.11 | 52 | ↑P | P | 22 51 50.3 -0.6 |
| CPRX | Cap Rock | 86.12 | 54 | ↓P | P | 22 51 51.7 +0.7 |
| C14A | Swan Lake | 86.12 | 37 | ↑P | P | 22 51 49.2 -1.4 |
| Z26A | Caprock | 86.13 | 54 | ↑P | P | 22 51 50.8 -0.2 |

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|------|--|-------|-----|----|------|-----------------|
| R22A | Saguache, Gunn | 86.13 | 48 | ↓P | P | 22 51 51.3 +0.4 |
| T23A | Casias Ranch | 86.13 | 49 | ↓P | P | 22 51 51.0 0.0 |
| 428A | Casias Ranch | 86.14 | 56 | ↑P | P | 22 51 51.8 +0.7 |
| V24A | Rampart Ranch | 86.15 | 51 | ↓P | P | 22 51 51.1 0.0 |
| J18A | Kendall Valley | 86.15 | 43 | ↓P | P | 22 51 50.7 -0.2 |
| 227A | Bennet, Jal | 86.16 | 55 | ↑P | P | 22 51 50.6 -0.6 |
| YFT | Old Faithful | 86.22 | 41 | ↓P | P | 22 51 52.9 +1.7 |
| N20A | Spence Gulch | 86.22 | 45 | ↑P | P | 22 51 50.9 -0.4 |
| BW06 | Boulder Array | 86.25 | 43 | ↓P | P | 22 51 50.7 -0.6 |
| BW06 | Boulder Array | 86.25 | 43 | ↓P | P | 22 51 50.9 -0.4 |
| PDAR | Pinedale Array | 86.25 | 43 | ↓P | P | 22 51 50.8 -0.6 |
| PDAR | comp-Z,14nm,0.9s,baz=222,slow=4.0,SNR=168 | | | | P | 22 53 21.7 +0.9 |
| PDAR | comp-Z,4.5nm,1.0s,baz=111,slow=3.3,SNR=6.6 | | | | P | 23 09 49.7 +0.7 |
| PDAR | comp-Z,0.8nm,0.7s,baz=99,slow=3.7,SNR=5.9 | | | | P | 23 17 47.9 |
| YMR | Madison River | 86.25 | 41 | ↓P | P | 22 51 52.4 +1.1 |
| YMR | | | | | P | 22 53 23.1 +2.4 |
| Q22A | Crested Butte | 86.29 | 47 | ↓P | P | 22 51 51.5 -0.2 |
| 328A | Wristen Ranch | 86.30 | 56 | ↑P | P | 22 51 51.6 -0.2 |
| DAW | Dawson | 86.31 | 16 | ↓P | P | 22 51 50.5 -0.7 |
| BOZ | Bozeman (W) | 86.31 | 40 | ↓P | P | 22 51 51.5 -0.1 |
| BOZ | Bozeman (W) | 86.31 | 40 | ↓P | P | 22 51 51.5 -0.1 |
| BOZ | comp-Z,252nm,1.1s,mb5.9 | | | | Pmax | |
| USHA | Ushuaia | 86.33 | 147 | P | P | 22 51 53.3 +1.6 |
| A13A | Flathead Rang | 86.35 | 36 | ↓P | P | 22 51 51.3 -0.4 |
| 127A | Arkansas Junct | 86.37 | 54 | ↑P | P | 22 51 51.9 -0.3 |
| F16A | Kennard Place | 86.38 | 40 | ↓P | P | 22 51 51.9 0.0 |
| SMCO | Snowmass | 86.38 | 47 | ↓P | P | 22 51 52.3 +0.2 |
| U24A | Moreno Valley | 86.43 | 50 | ↑P | P | 22 51 53.4 +1.0 |
| S23A | Nye Farm, Mont | 86.44 | 49 | ↑P | P | 22 51 53.3 +0.8 |
| EGAK | Eagle | 86.45 | 15 | ↓P | P | 22 51 51.0 -0.8 |
| YNR | Norris Junctio | 86.45 | 41 | ↓P | P | 22 51 53.5 +1.2 |
| D15A | Lincoln | 86.47 | 38 | ↑P | P | 22 51 51.8 -0.5 |
| O21A | Pagoda | 86.49 | 46 | ↑P | P | 22 51 52.1 -0.5 |
| Y26A | Elida | 86.50 | 53 | ↑P | P | 22 51 52.4 -0.4 |
| I18A | Diamond G Ranc | 86.52 | 42 | ↓P | P | 22 51 52.2 -0.4 |
| W25A | X Bar L Ranch | 86.54 | 52 | ↑P | P | 22 51 52.4 -0.6 |
| LKWY | Lake | 86.55 | 41 | P | P | 22 51 54.4 +1.6 |
| LKWY | comp-Z,319nm,1.0s,mb6.0 | | | | Pmax | |
| LKWY | Lake | 86.55 | 41 | P | P | 22 51 54.4 +1.6 |
| M20A | Sweetwater, Wa | 86.57 | 45 | ↓P | P | 22 51 52.9 0.0 |
| HIA | Hailar | 86.58 | 324 | ↓P | P | 22 51 52.7 -0.1 |
| HIA | comp-Z,235nm,1.1s | | | | Pmax | |
| HIA | Hailar | 86.58 | 324 | ↓P | P | 22 51 52.7 -0.1 |
| V25A | Rancho No Teng | 86.61 | 51 | ↓P | P | 22 51 53.3 -0.2 |
| WALA | Waterton Lakes | 86.69 | 36 | ↓P | P | 22 51 53.3 -0.1 |
| B14A | Marquette Ranc | 86.70 | 37 | ↓P | P | 22 51 52.6 -0.8 |
| N21A | Black Mountain | 86.70 | 46 | ↑P | P | 22 51 53.5 -0.1 |
| G17A | Pierce Place | 86.70 | 40 | ↑P | P | 22 51 54.0 +0.5 |
| L20A | Wamsutter | 86.70 | 44 | ↓P | P | 22 51 53.4 -0.1 |
| TPTI | comp-Z,2µm,comp-Z,225nm,1.0s,mb5.8 | | | | P | 22 51 54.1 -0.2 |
| HRY | Holter Researc | 86.71 | 39 | ↓P | P | 22 51 53.4 0.0 |
| E16A | East Helena | 86.72 | 39 | ↓P | P | 22 51 53.1 -0.4 |
| COLD | Goldfoot | 86.72 | 10 | ↓P | P | 22 51 52.6 -0.4 |
| Z27A | Tatum | 86.73 | 54 | ↑P | P | 22 51 52.0 -1.9 |
| K19A | Absolon Red Bu | 86.74 | 43 | ↑P | P | 22 51 52.7 -1.0 |
| X26A | CR and CF Fran | 86.77 | 52 | ↑P | P | 22 51 52.6 -1.5 |
| C15A | Salmond Ranch | 86.78 | 38 | ↓P | P | 22 51 52.5 -1.2 |
| XAN | Xi'an | 86.81 | 307 | P | P | 22 51 55.6 +1.3 |
| XAN | | | | | P | 22 53 18.8 -5.0 |
| XAN | comp-Z,160nm,1.2s,mb5.6 | | | | Pmax | |
| XAN | comp-Z,430nm,10.3s | | | | LR | LR |
| XAN | comp-N,1µm,27.4s | | | | LR | LR |
| XAN | comp-E,230nm,24.9s | | | | LR | LR |
| SDCO | Great Sand Dun | 86.82 | 49 | ↓P | P | 22 51 54.1 -0.1 |
| SDCO | Double T Ranch | 86.92 | 36 | ↓P | P | 22 53 26.2 +2.4 |
| PAYG | Puerto Ayora | 86.93 | 90 | ↓P | P | 22 51 53.9 -0.6 |
| PAYG | comp-Z,420nm,1.3s,mb6.0 | | | | P | 22 52 10.7 |
| S24A | Houchin Ranch | 86.98 | 49 | ↓P | P | 22 51 55.2 +0.3 |
| K20A | Winters Ranch T | 86.99 | 44 | ↑P | P | 22 51 53.9 -1.0 |
| Y27A | Causey | 86.99 | 53 | ↓P | P | 22 51 54.5 -0.7 |
| W26A | Owens Ranch, T | 87.01 | 52 | ↑P | P | 22 51 54.5 -0.7 |
| F17A | Fitzpatrick Pl | 87.04 | 40 | ↑P | P | 22 51 55.3 +0.3 |
| D16A | Dana Ranch, Ca | 87.04 | 39 | ↓P | P | 22 51 54.8 -0.3 |
| U25A | Circle Dot Ran | 87.06 | 51 | ↑P | P | 22 51 53.7 -1.7 |
| Q23A | Hartsel | 87.07 | 48 | ↑P | P | 22 51 55.4 +0.1 |
| B15A | Bradley Ranch | 87.08 | 37 | ↑P | P | 22 51 53.7 -1.5 |
| O22A | Kremmling | 87.11 | 46 | ↑P | P | 22 51 55.3 -0.2 |
| M21A | Separation Pea | 87.18 | 45 | ↑P | P | 22 51 55.2 -0.6 |
| E17A | Martinsdale | 87.18 | 39 | ↑P | P | 22 51 55.5 -0.2 |
| P23A | Jefferson | 87.26 | 47 | ↓P | P | 22 51 56.0 -0.3 |
| C16A | Fuhring Ranc | 87.30 | 38 | ↓P | P | 22 51 55.3 -0.9 |
| R24A | Sanders Place | 87.30 | 49 | P | P | 22 51 56.5 +0.1 |
| RWWY | Rawlins | 87.32 | 45 | ↓P | P | 22 51 56.7 +0.2 |
| A15A | Johnson Ranch | 87.32 | 37 | ↓P | P | 22 51 55.1 -1.1 |
| MSX | Muleshoe | 87.33 | 53 | P | P | 22 51 56.5 -0.2 |
| L21A | Rawlins | 87.33 | 45 | ↓P | P | 22 51 56.0 -0.5 |

| | | | | | | |
|------|----------------|-------|----|----|---|-----------------|
| X27A | F and S Farms | 87.34 | 53 | ↑P | P | 22 51 56.1 -0.6 |
| T25A | Trinidad | 87.36 | 50 | ↓P | P | 22 51 56.2 -0.6 |
| G18A | Lazy EL Ranch | 87.43 | 41 | ↓P | P | 22 51 56.8 -0.1 |
| N22A | Wattenberg Ran | 87.44 | 46 | | | |

Table with multiple columns containing station identifiers (e.g., ECK, KEMA, GALLI), call signs (e.g., 142.02 5 P), and various technical parameters (e.g., PKPdf, 22 58 33.0 -5.6). The table is organized into several vertical sections.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like MESJ, PTEO, PBAR, PCHR, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like CHMS, ULHL, USP, KNDC, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like mB5.8/22, NEIC, SZGRF, etc.

Table with columns: Code, Station Name, Az, El, P, Max, Min, SNR, etc. Includes stations like DGRG David-gareji, MTA Mtsaminda, TBLG Delisi, etc.

Table with columns: Code, Station Name, Az, El, P, Max, Min, SNR, etc. Includes stations like APA Apacity, APA, CRVS Cervenica-Dubn, etc.

Table with columns: Code, Station Name, Az, El, P, Max, Min, SNR, etc. Includes stations like GIVF Givet, DOU Dourbes, VIVF Villeneuve, etc.

Table with columns: Code, Station Name, Az, El, P, Max, Min, SNR, etc. Includes stations like LEM Lembang, SKJI Sukatani, UGM Wanagama, etc.

BUI 19 23:29:34.6, 24.10N, 143.00E, h20km, mb4.7/4, mb4.4/8, Ms4.6/1, Ms7.4/52

NEIC 19 23:29:34.6, 0.4, 24.11N, 143.04E, h35km, mb4.4/2, Error ellipse: s-maj=14.1km s-min=7.5km az=86.0

JMA 19 23:29:35.9, 0.1, 24.39N, 143.55E, h96km, M4.3

ISC 19 23:29:35.1, 8.24, 208N, 0.04, 143.1E, 0.1, h27km, 12km, n68, r1908/76, mb4.3/29, MS4.3/2, P, 2.012, Volcano Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists various seismic stations and their parameters.

PLCA Paso Flores 147.34 129 PKPbc PKPbc 23 49 15.7 +0.8 comp=2.3, 4nm, 0.6s, baz=210, slow=1.6, SNR=7.1

ISCJB 19 23:30:06.1, 0.2, 47.7, 10N, 0.01, 10.1, 15E, 0.02, h5km, 2km, Error ellipse: s-maj=2.5km s-min=1.8km az=16.0

ZUR 19 23:30:07.3, 47.11N, 10.18E, h3km, 1km, ML2.5/12

NEIC 19 23:30:07.4, 47.10N, 10.18E, h3km, ML2.6(STR), ML2.6(ZUR), ML2.6(LDG), After ZUR

VIE 19 23:30:07.1, 0.1, 47.11N, 10.19E, h8km, 1km, mb1.5/9, ML2.5/11, Error ellipse: s-maj=0.6km s-min=0.5km az=173.0

BGR 19 23:30:07.4, 0.5, 47.18N, 10.17E, h10km, ML2.8, Error ellipse: s-maj=1.9km s-min=1.4km az=10.0

CSEM 19 23:30:07.2, 0.1, 47.09N, 10.18E, h10km, ML2.8, Error ellipse: s-maj=1.9km s-min=1.4km az=10.0

ROM 19 23:30:08.8, 0.4, 47.02N, 10.12E, h10km, Md2.76, MI1.8/4, Error ellipse: s-maj=3.7km s-min=3.0km az=167.0

PRU 19 23:30:08.8, 47.23N, 10.18E, h8km

BGR 19 23:30:09.4, 0.5, 47.18N, 10.17E, h10km, ML2.3, Error ellipse: s-maj=1.1km s-min=4.4km az=12.0

BGR Fell-St. Anton

LDG 19 23:30:09.1, 0.1, 47.07N, 10.14E, h10km, ML2.6/25, Error ellipse: s-maj=2.1km s-min=1.9km az=104.0

STR 19 23:30:11.4, 0.3, 47.12N, 9.94E, h10km, ML2.6, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

ISC 19 23:30:07.1, 0.2, 47.09N, 0.01, 10.15E, 0.01, h7km, 2km, n153, r1940/269, 14C-19D, Austria

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations and parameters for the second section.

Table with columns: FELD, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations and parameters for the third section.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Maizieres J'vi, Sospel, Pruhonce, Lormes, Signal de Mont, etc.

ISC/JB 19 23:31:15.3:0.2, 43:14N:0:02:0:19E:0:02, h14km, 2km, Error ellipse: s-maj=2.7km s-min=2.1km az=149.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Labassere, Esparrros, Vié, Ens, Bielsa, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Melles, Etsaut, Les Forges d'A, Ordiarp, Larrau, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Aranguren, Livlia, San Caprasio, etc.

20d Oh

2008 JUL

| | | | | | | |
|------|-----------------|-------|-----|-----|----|-----------------------------------|
| WMOK | Wichita Mounta | 16.37 | 12 | ePn | Pn | 00 06 09.1 +0.3 |
| WMOK | Canyon Day Jun | 16.39 | 338 | ↑P | S | 00 09 03.0 -13 00 06 09.2 +0.2 |
| Y18A | Albuquerque | 16.54 | 349 | P | Pn | 00 06 13.6 +2.8 |
| ANMO | Albuquerque | 16.54 | 349 | ePn | Pn | 00 06 12.6 +1.8 |
| W25A | X Bar L Ranch, | 16.54 | 355 | ↑P | Pn | 00 06 10.9 0.0 |
| Z16A | Peralta Trail, | 16.54 | 334 | ↑P | Pn | 00 06 10.8 -0.1 |
| Y17A | Roosevelt | 16.62 | 356 | ↑P | Pn | 00 06 11.8 0.0 |
| W24A | Lazy 6 Ranch, | 16.63 | 332 | ↑P | Pn | 00 06 12.5 +0.5 |
| W23A | Werner Place, | 16.69 | 350 | ↑P | Pn | 00 06 12.9 +0.2 |
| 114A | Black Gap (USA | 16.71 | 329 | ↑P | Pn | 00 06 13.8 +0.8 |
| X19A | St. Johns | 16.73 | 341 | ↑P | Pn | 00 06 14.1 +0.9 |
| Y16A | Circle Bar Ran | 17.03 | 334 | ↑P | Pn | 00 06 17.1 +0.2 |
| V24A | Rampart Ranch, | 17.12 | 353 | ↑P | Pn | 00 06 17.8 -0.3 |
| W20A | Rama | 17.16 | 344 | ↑P | Pn | 00 06 18.8 +0.3 |
| V25A | Rancho No Teng | 17.17 | 355 | ↑P | Pn | 00 06 18.3 -0.2 |
| X17A | Forest Lakes | 17.17 | 337 | ↑P | Pn | 00 06 19.2 +0.6 |
| 113A | Mohawk Valley, | 17.17 | 327 | ↑P | Pn | 00 06 18.8 +0.1 |
| Z14A | Wintersburg | 17.24 | 330 | ↑P | Pn | 00 06 18.4 -1.1 |
| V23A | Ortiz Mt. (NFS | 17.27 | 351 | ↑P | Pn | 00 06 19.9 +0.1 |
| W19A | Sanders | 17.40 | 341 | ↑P | Pn | 00 06 21.7 +0.3 |
| Y15A | Casa Rosa Ranch | 17.46 | 332 | ↑P | Pn | 00 06 22.2 +0.0 |
| X16A | Lo Mia Camp, P | 17.48 | 335 | ↑P | Pn | 00 06 22.6 +0.1 |
| W18A | Petrified Fore | 17.51 | 341 | ↑P | Pn | 00 06 23.1 +0.3 |
| V22A | San Miguel Ran | 17.56 | 349 | ↑P | Pn | 00 06 22.9 -0.4 |
| U25A | Circle Dot Ran | 17.71 | 356 | ↑P | Pn | 00 06 24.4 -0.7 |
| MIAR | Mount Ida | 17.78 | 25 | ePn | Pn | 00 06 24.8 -1.3 |
| V20A | Brimhall | 17.79 | 345 | ↑P | Pn | 00 06 25.7 -0.4 |
| U23A | El Rito | 17.84 | 351 | ↑P | Pn | 00 06 25.7 -1.1 |
| X15A | Humboldt | 17.87 | 334 | ↑P | Pn | 00 06 27.1 0.0 |
| GLA | Glamis | 17.95 | 325 | eP | Pn | 00 06 27.3 -0.9 |
| U22A | Ilaves | 18.00 | 349 | ↑P | Pn | 00 06 28.4 -0.2 |
| V18A | Ganado | 18.12 | 341 | ↑P | Pn | 00 06 29.7 -0.3 |
| X14A | Yava | 18.14 | 332 | ↑P | Pn | 00 06 30.1 -0.3 |
| U21A | Nageezi | 18.20 | 347 | ↑P | Pn | 00 06 32.5 +1.5 |
| V17A | Tonalee, Kkoyt | 18.32 | 339 | ↑P | Pn | 00 06 32.1 -0.4 |
| U20A | Newcomb | 18.35 | 345 | ↑P | Pn | 00 06 32.2 -0.6 |
| WUAZ | Wupatki | 18.43 | 337 | ↑P | Pn | 00 06 33.5 -0.3 |
| WUAZ | Wupatki | 18.43 | 337 | eP | Pn | 00 06 35.3 +1.5 |
| T25A | Trinidad | 18.45 | 356 | ↑P | Pn | 00 06 32.7 -1.3 |
| U19A | Dine' College, | 18.45 | 343 | ↑P | Pn | 00 06 33.6 -0.4 |
| T23A | Casalia Ranch | 18.51 | 352 | ↑P | Pn | 00 06 32.8 -1.9 |
| T22A | Edith | 18.62 | 350 | ↑P | Pn | 00 06 35.3 -0.8 |
| T21A | Navajo Lake | 18.72 | 348 | ↑P | Pn | 00 06 36.6 -0.7 |
| U18A | Rough Rock, Ch | 18.75 | 342 | ↑P | Pn | 00 06 36.8 -0.8 |
| W14A | Seligman | 18.85 | 333 | ↑P | Pn | 00 06 38.2 -0.6 |
| T19A | Beclabito | 18.91 | 344 | ↑P | Pn | 00 06 38.6 -0.9 |
| U16A | Tuba City | 18.91 | 339 | ↑P | Pn | 00 06 38.6 -0.8 |
| S25A | Roberts Cordova | 19.07 | 356 | ↑P | Pn | 00 06 38.3 -1.8 |
| V15A | Kaibab Nationa | 19.00 | 336 | ↑P | Pn | 00 06 39.6 -1.0 |
| S24A | Houchin Ranch | 19.01 | 354 | ↑P | Pn | 00 06 39.2 -1.5 |
| MVCO | Mesa Verde | 19.14 | 346 | ↑P | Pn | 00 06 41.2 -1.0 |
| MVCO | Mesa Verde | 19.14 | 346 | eP | Pn | 00 06 41.8 -0.4 |
| SDCO | Great Sand Dun | 19.15 | 353 | eP | Pn | 00 06 41.3 -0.9 |
| U17A | Shonto | 19.16 | 340 | ↑P | Pn | 00 06 41.4 -1.1 |
| V14A | Boquillas Ranc | 19.22 | 334 | ↑P | Pn | 00 06 42.6 -0.6 |
| PFO | Pinyon Flat Ob | 19.27 | 323 | ↑P | Pn | 00 06 42.5 -1.4 |
| PFO | Pinyon Flat Ob | 19.27 | 323 | P | Pn | 00 06 42.0 -1.8 |
| S22A | 4UR Ranch, Cre | 19.33 | 350 | ↑P | Pn | 00 06 42.8 -1.7 |
| T18A | Mexico Hat | 19.42 | 343 | ↑P | Pn | 00 06 43.6 -2.0 |
| T17A | Navajo Res., N | 19.57 | 340 | ↑P | Pn | 00 06 46.0 -1.4 |
| U15A | North Rim | 19.58 | 336 | ↑P | Pn | 00 06 46.4 -1.0 |
| R24A | Sanders Place, | 19.59 | 354 | ↑P | Pn | 00 06 45.4 -2.1 |
| S20A | Disappointment | 19.70 | 347 | ↑P | Pn | 00 06 46.7 -2.1 |
| OXF | Oxford | 19.73 | 34 | eP | Pn | 00 06 46.1 -3.0 |
| V13A | Grand Canyon W | 19.78 | 332 | ↑P | Pn | 00 06 48.4 -1.4 |
| R22A | Saguache, Gunn | 19.79 | 351 | ↑P | Pn | 00 06 48.1 -1.7 |
| T16A | Glen Canyon Da | 19.79 | 339 | ↑P | Pn | 00 06 48.3 -1.5 |
| S19A | Harvey Farm, M | 19.80 | 345 | ↑P | Pn | 00 06 48.0 -2.0 |
| U14A | Mt Trumbull | 19.92 | 335 | ↑P | Pn | 00 06 49.7 -1.7 |
| S18A | Hurst Farm, BI | 19.97 | 343 | ↑P | Pn | 00 06 49.9 -2.0 |
| PV01 | Paradox Valley | 20.04 | 346 | eP | P | 00 06 50.6 +0.5 |
| R20A | Redvale | 20.05 | 347 | ↑P | Pn | 00 06 50.2 0.0 |
| R21A | Cimarron | 20.06 | 349 | ↑P | Pn | 00 06 50.6 +0.3 |
| LRAL | Lakeview Retre | 20.08 | 42 | eP | P | 00 06 50.3 -0.3 |
| T15A | Red Dirt Ranch | 20.14 | 337 | ↑P | P | 00 06 51.5 +0.4 |
| S17A | Black Ridge (B | 20.16 | 341 | ↑P | P | 00 06 52.2 +0.8 |
| Q25A | Bedland, Calha | 20.20 | 357 | ↑P | P | 00 06 51.8 -0.1 |
| CBKS | Cedar Bluff | 20.23 | 7 | eP | P | 00 06 51.8 -0.4 |
| U13A | Pakoon Wash | 20.25 | 333 | P | P | 00 06 53.4 +1.0 |
| R19A | Curley Farm, L | 20.35 | 345 | ↑P | P | 00 06 53.4 -0.1 |
| PV04 | Paradox Valley | 20.36 | 346 | eP | P | 00 06 53.5 -0.1 |
| Q22A | Crested Butte | 20.43 | 351 | ↑P | P | 00 06 54.2 -0.1 |
| T14A | Hurricane | 20.44 | 336 | ↑P | P | 00 06 55.2 +0.8 |
| V11A | Goodsprings | 20.44 | 329 | ↑P | P | 00 06 55.0 +0.5 |

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|------|----------------|-------|-------|----|---|-----------------|
| S16A | Weppner Ranch, | 20.49 | 340 | ↑P | P | 00 06 54.8 -0.2 |
| R18A | Canyonlands Na | 20.60 | 344 | ↑P | P | 00 06 56.1 0.0 |
| GSC | Goldstone | 20.73 | 326 | ↑P | P | 00 06 57.8 +0.3 |
| GSC | Goldstone | 20.73 | 326 | eP | P | 00 06 58.2 +0.7 |
| T13A | Saint George | 20.74 | 334 | ↑P | P | 00 06 58.4 +0.7 |
| SMCO | Snowmass | 20.75 | 351 | eP | P | 00 06 58.9 +1.2 |
| Q20A | Ridgley Place, | 20.77 | 348 | ↑P | P | 00 06 58.3 +0.3 |
| R17A | Hanksville Air | 20.86 | 342 | ↑P | P | 00 06 58.3 -0.6 |
| CCUT | Cedar City | 20.98 | 336 | eP | P | 00 07 03.9 +3.7 |
| ISCO | Idaho Springs | 21.19 | 354 | eP | P | 00 07 02.4 0.0 |
| S13A | Holt Ranch, En | 21.20 | 335 | ↑P | P | 00 07 03.2 +0.6 |
| ARUT | Antelope Range | 21.21 | 336 | eP | P | 00 07 03.8 +1.1 |
| LRMC | Laurel Mountai | 21.33 | 325 | ↑P | P | 00 07 04.0 0.0 |
| Q18A | Rafter H Ranch | 21.34 | 344 | ↑P | P | 00 07 03.8 -0.2 |
| MSU | Marysville | 21.40 | 339 | eP | P | 00 07 05.1 +0.4 |
| SRU | San Rafael | 21.45 | 343 | ↑P | P | 00 07 05.5 +0.2 |
| SRU | San Rafael | 21.45 | 343 | eP | P | 00 07 05.9 +0.7 |
| Q16A | Castle Valley | 21.45 | 342 | ↑P | P | 00 07 04.9 -0.4 |
| S12A | Delamar Landin | 21.63 | 333 | ↑P | P | 00 07 07.1 -0.1 |
| Q22A | Kremmling | 21.66 | 352 | ↑P | P | 00 07 06.6 -0.9 |
| MPMC | Manual Prospec | 21.66 | 326 | ↑P | P | 00 07 07.7 +0.2 |
| CCM | Cathedral Cave | 21.75 | 25 | eP | P | 00 07 07.7 -0.7 |
| R13A | O'Grain Ranch, | 21.76 | 336 | ↑P | P | 00 07 07.6 -1.0 |
| TMUT | Tra Mountain | 21.81 | 342 | eP | P | 00 07 09.7 +0.6 |
| P17A | Butcher Ranch, | 21.85 | 343 | ↑P | P | 00 07 09.4 0.0 |
| P18A | Precher Nutter | 21.86 | 344 | P | P | 00 07 10.0 +0.4 |
| ISA | Isabella | 21.91 | 324 | eP | P | 00 07 12.2 +2.1 |
| FVM | French Village | 22.03 | 27 | eP | P | 00 07 10.4 -1.0 |
| SWET | Sewanee | 22.20 | 39 | eP | P | 00 07 11.8 -1.5 |
| Q14A | Sevier Lake, B | 22.21 | 338 | ↑P | P | 00 07 14.1 +0.8 |
| O19A | Miners Draw (B | 22.23 | 347 | ↑P | P | 00 07 13.4 -0.2 |
| YES | Vestal, Richgr | 22.38 | 323 | ↑P | P | 00 07 16.1 +0.9 |
| Q13A | Wheeler Ranch, | 22.45 | 344 | ↑P | P | 00 07 16.2 +0.3 |
| O17A | Robinson Place | 22.52 | 336 | ↑P | P | 00 07 16.4 -0.1 |
| R11A | Troy Canyon, C | 22.57 | 333 | ↑P | P | 00 07 17.0 -0.1 |
| GOGA | Godfrey | 22.63 | 46 | eP | P | 00 07 16.5 -1.3 |
| P14A | Drum Mountains | 22.67 | 339 | ↑P | P | 00 07 17.7 -0.4 |
| S10A | Tonah Range, | 22.67 | 331 | ↑P | P | 00 07 17.8 -0.4 |
| N19A | John Jarvie Ra | 22.82 | 347 | ↑P | P | 00 07 18.3 -1.3 |
| R10A | Warm Springs | 22.84 | 332 | ↑P | P | 00 07 19.9 0.0 |
| DAU | Daniels Canyon | 22.86 | 343 | eP | P | 00 07 20.0 -0.1 |
| P13A | Bates Ranch, G | 22.89 | 337 | ↑P | P | 00 07 20.2 -0.2 |
| DUG | Dugway | 23.13 | 340 | ↑P | P | 00 07 21.8 -0.8 |
| DUG | Dugway | 23.13 | 340 | eP | P | 00 07 23.4 +0.8 |
| CPCT | Cooper Cave | 23.21 | 40 | eP | P | 00 07 21.9 -1.5 |
| P12A | McGill | 23.24 | 336 | ↑P | P | 00 07 23.7 +0.1 |
| OLIL | Oliney | 23.68 | 29 | eP | P | 00 07 27.3 -0.3 |
| TKL | Tuckaleechee C | 23.81 | 41 | ↑P | P | 00 07 27.9 -0.9 |
| TKL | Tuckaleechee C | 23.81 | 41 | ↑P | P | 00 07 27.7 -1.1 |
| N14A | Grayback Hills | 23.85 | 340 | ↑P | P | 00 07 28.2 -0.9 |
| NVAR | Mina Array Bea | 23.89 | 329 | P | P | 00 07 30.6 +1.0 |
| WC1 | Wyandotte Cave | 24.18 | 33 | eP | P | 00 07 31.1 -1.2 |
| K20A | Yellowstone Ra | 24.37 | 350 | ↑P | P | 00 07 32.2 -1.6 |
| ELK | Elko | 24.47 | 337 | P | P | 00 07 36.3 +1.5 |
| M14A | Sheep Mountain | 24.49 | 341 | ↑P | P | 00 07 33.2 -1.7 |
| WAKR | Walker | 24.52 | 327 | eP | P | 00 07 36.9 +1.6 |
| HDIL | Hopedale | 24.67 | 25 | eP | P | 00 07 36.0 -0.6 |
| BW06 | Boulder Array | 24.70 | 348 | eP | P | 00 07 37.3 +0.5 |
| PDAR | Pinedale Array | 24.70 | 348 | P | P | 00 07 36.2 -0.6 |
| PDAR | Jewell | 25.10 | 33 | eP | P | 00 07 53.3 |
| PDAR | Jewell | 25.10 | 33 | eP | S | 00 08 00.3 -8.9 |
| BLO | Bloomington | 25.79 | 31 | eP | P | 00 07 36.5 -1.1 |
| M12A | Wells | 24.94 | 338 | ↑P | P | 00 07 38.6 -0.4 |
| K15A | Arbon | 25.35 | 343 | ↑P | P | 00 07 42.2 -0.3 |
| ECSO | EROS Data Cent | 25.50 | 10 | eP | P | 00 07 43.3 -0.8 |
| TPAW | Teton Pass | 25.68 | 346 | eP | P | 00 07 46.2 +0.5 |
| LOHW | Long Hollow | 25.72 | 347 | eP | P | 00 07 46.1 0.0 |
| J15A | Blackfoot | 25.96 | 344 | ↑P | P | 00 07 47.6 -0.7 |
| JFWS | Jewell Farm | 26.37 | 21 | eP | P | 00 07 52.0 +0.1 |
| J12A | Stokes Ranch, | 26.62 | 340 | ↑P | P | 00 07 54.1 -0.1 |
| MOD | Modoc | 27.56 | 331</ | | | |

Table with columns: Code, Station Name, Az, AzT, Phase ID, Time, Res, h, s, ISC. Includes stations like DAV, DAVAO CITY (W), DAVAO CITY (E), etc.

IDC 2002:18:20.13.7.11.94S:65.54E, h0km, mb3.8/2, mb1.4/0.2, mb1mx3.4/20, mbtmp3.8/2, Error ellipse: s-maj=331.4km s-min=31.2km az=32.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, AzT, Phase ID, Time, Res, h, s, ISC. Includes stations like ASAR, WRA, ESDC, etc.

WEL 2002:18:33.7.0.2.45.14Sx167.37E, h123km, 2km, ML3.5/8, 2C-1D, Error ellipse: s-maj=2.1km s-min=1.3km az=90.0, South Island

Table with columns: Code, Station Name, Az, AzT, Phase ID, Time, Res, h, s, ISC. Includes stations like DCZ, MLZ, MSZ, etc.

NEIC 2002:21:58.4, 37.94S:176.07E, h169km, MG3.7(WEL), After WEL

WEL 2002:21:58.4.0.3.37.95Sx176.07E, h170km, 2km, ML3.6/13, Error ellipse: s-maj=3.7km s-min=2.8km az=90.0, North Island

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

Table with columns: MSWZ, Moikau Station, MSWZ, Moikau Station, PLWZ, Palliser, TNWZ, Tuamarina, etc.

NIED 2002:02:22:00, 37.50N:143.10E, h17km, Mw4.6 Best double couple: M=9.21000x10^15 NP1=9.700000, delta2.00000, 1.77.00000, NP2=2.13.00000, delta31.00000, 1.13.00000

BUI 2002:22:52.6, 37.59N:142.75E, h12km, mb4.9/32, mb4.8/51, M4.5/43, M5.7/4/38

ISCJB 2002:22:53.0.0.8, 37.52N:142.92E, 0.03, h16km, 5km, mb4.7/113, MS4.4/42, Error ellipse: s-maj=5.3km s-min=3.5km az=144.9

JMA 2002:22:53.0.0.2, 37.49N:143.06E, h38km, M4.9, NEIC 2002:22:53.9.0.3, 37.56N:142.87E, h10km, mb4.8/52, MW4.6(NIED), Error ellipse: s-maj=9.1km s-min=5.2km az=162.0

IDC 2002:22:56.9.4.0, 37.51N:142.98E, h33km, 30km, mb4.2/21, mb1.4/3/26, mb1mx4.3/29, mbtmp4.2/26, ML3.8/5, MS3.8/12, Ms1.3.9/12, ms1mx3.7/37, Error ellipse: s-maj=18.4km s-min=13.7km az=152.0

MOS 2002:22:57.2.0.9, 37.82N:142.72E, h33km, mb5.1/54, MS4.5/22, Error ellipse: s-maj=8.0km s-min=4.6km az=110.8

SZGRF 2002:03:27.0.7.39, 51N:142.71E, h33km, mb5.0, Near east coast of eastern Honshu, Japan

ISC 2002:22:55.0.6.9, 37.54N:142.87E, 0.03, h17km, 5km, h19km, 2.6km, pp-P, n317, s092/342, mb4.7/113, MS4.4/42, 53C-11D, Off east coast of Honshu

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

MAJO Matushiro 3.86 257 eP Pn 02 23 55.1 +1.6

MAT Matushiro 3.86 257 P Pn 02 23 55.0 +1.5

JOT Ohata 4.09 340 S Pn 02 23 57.0 +0.3

ERM Erimo 4.48 30 i/P Pn 02 23 59.8 -2.2

JHJ Hachijo jima 2 5.08 211 Pn 02 24 11.0 +0.7

JHJ 130nm, 0.3s, baz=279, slow=23, SNR=1.9

ASAJ Asahikawa 6.58 358 Pn 02 24 31.1 +0.2

ASAJ 2.4nm, 0.3s, baz=215, slow=15, SNR=18

ASAJ 2.8nm, 0.3s, baz=68, slow=31, SNR=4.3

ASAJ comp-Z, 1.9m, 1.1s, baz=179, slow=45

ASAJ Asahikawa 6.58 358 Pn 02 25 43.9

ASAJ comp-Z, 2.0m, 0.3s pmax pmax

ASAJ comp-N, 3.0m, 0.3s MLR MLR

ASAJ comp-Z, 1.9m, 1.1s MLR MLR

KUR Kuril'sk 8.55 24 eP Pn 02 24 57.0 -0.9

KUR 130nm, 0.7s, baz=327, slow=23, SNR=8.3

KSR S Korea Array 11.88 274 Pn 02 25 46.7 +3.2

comp-N, 0.1nm, 0.3s, baz=97, slow=14, SNR=14

MDJ Mudanjiang 12.26 309 Pn 02 25 05.5

MDJ 10.814nm, 18.4s, baz=129, slow=36

MDJ 2.22 27.4 +0.1

MDJ 2.22 27.4 +0.1

MDJ 2.22 27.4 +0.1

MDJ 2.22 27.4 +0.1

MDJ 2.22 27.4 +0.1

MDJ 2.22 27.4 +0.1

MDJ 2.22 27.4 +0.1

Table with columns: CN2, comp-Z, 1.0nm, 0.7s pmax pmax

CN2 comp-Z, 200nm, 4.0s LR LR

CN2 comp-N, 1.9m, 14.0s LR LR

CN2 comp-E, 900nm, 14.0s LR LR

CN2 comp-Z, 1.9m, 15.0s LR LR

SNY Shenyang 15.46 292 P Pn 02 26 35.4 +3.4

SNY comp-Z, 1.1nm, 1.3s pmax pmax

SNY comp-N, 580nm, 11.1s LR LR

SNY comp-E, 1.9m, 13.2s LR LR

DL2 Dalian 16.75 281 P Pn 02 26 48.1 -0.6

DL2 comp-Z, 20nm, 1.2s pmax pmax

DL2 comp-Z, 150nm, 5.2s LR LR

DL2 comp-N, 280nm, 13.3s LR LR

DL2 comp-E, 360nm, 13.2s LR LR

DL2 comp-Z, 430nm, 18.2s LR LR

PETK Petrozavlovsk-18.68 29 P Pn 02 27 11.9 -0.5

comp-Z, 0.1nm, 0.3s, baz=182, slow=10, SNR=3.3

SSE Sheshan 19.01 257 S Pn 02 27 15.5 -1.1

SSE comp-Z, 27nm, 0.7s pmax pmax

SSE comp-Z, 160nm, 4.5s LR LR

SSE comp-N, 460nm, 19.2s LR LR

SSE comp-E, 170nm, 19.2s LR LR

SSE comp-Z, 350nm, 19.2s LR LR

NJ2 Nanjing 20.45 262 eP P 02 27 33.3 +1.8

NJ2 0.2 27 39.1

NJ2 0.2 27 42.0 +3.4

NJ2 0.2 27 54.3

NJ2 0.2 31 16.0 -3.8

NJ2 0.2 31 23.5 -4.0

NJ2 comp-Z, 10.0nm, 0.6s pmax pmax

NJ2 comp-Z, 260nm, 4.6s LR LR

NJ2 comp-N, 510nm, 14.7s LR LR

NJ2 comp-E, 850nm, 20.6s LR LR

NJ2 comp-Z, 590nm, 12.3s, MS4.2

TIA Tai'an 20.62 274 P P 02 27 32.4 -1.0

BJJ Beijing 20.93 285 P S 02 27 35.4 -1.3

BJJ comp-Z, 13nm, 0.7s pmax pmax

BJJ comp-Z, 120nm, 4.2s LR LR

BJJ comp-N, 280nm, 15.0s, MS3.9 LR LR

BJJ comp-E, 240nm, 14.4s, MS3.9 LR LR

BJT Baijiaou 20.94 285 eP P 02 27 35.8 -1.0

BJT comp-Z, 19nm, 0.6s pmax pmax

BJT comp-Z, 19nm, 0.6s pmax pmax

CLNS Chul'man 22.72 334 eP P 02 27 54.4 -1.3

CLNS 0.2 28 02.9

CLNS 0.2 28 16.9

CLNS 0.2 28 30.5

CLNS 0.2 32 51.8

CLNS comp-Z, 33nm, 1.0s, mb4.7 pmax pmax

CLNS comp-N, 37nm, 1.2s pmax pmax

CLNS comp-E, 20nm, 1.4s pmax pmax

CLNS comp-Z, 31nm, 1.0s, mb4.7 pmax pmax

CLNS comp-N, 24nm, 0.9s pmax pmax

CLNS comp-E, 23nm, 1.1s MLR MLR

CLNS comp-Z, 612nm, 15.0s, MS4.2 MLR MLR

CLNS comp-N, 551nm, 15.0s, MS4.3 MLR MLR

CLNS comp-E, 525nm, 15.0s, MS4.3 MLR MLR

GUMO Guam 23.92 175 LR LR 02 28 36.0

comp-E, 99nm, 19.0s, MS3.3, baz=65, slow=34

HHC Hu-ho-hao-te 24.42 288 eP P 02 28 12.3 -0.2

HHC 0.2 28 17.9 -1.9

HHC 0.2 28 48.1

HHC 0.2 31 53.3 +2.1

HHC 0.2 32 28.0 -3.6

HHC 0.2 32 34.1 -6.0

HHC 0.2 33 21.0

HHC 0.2 33 25.9 +0.2

HHC 0.2 33 31.3 +0.3

HHC comp-Z, 20nm, 0.5s, mb4.8 pmax pmax

HHC comp-Z, 140nm, 5.2s LR LR

HHC comp-N, 1.9m, 11.0s, MS4.7 LR LR

HHC comp-E, 1.9m, 11.2s, MS4.7 LR LR

HHC comp-Z, 1.9m, 11.3s, MS4.6 LR LR

WHN Wuhan 24.58 262 P P 02 28 13.5 -0.6

WHN 0.2 28 22.5 +1.1

WHN comp-Z, 100nm, 1.0s, mb5.3 pmax pmax

WHN comp-Z, 300nm, 9.9s LR LR

WHN comp-N, 1.9m, 12.0s, MS4.8 LR LR

WHN comp-E, 1.9m, 11.8s, MS4.8 LR LR

WHN comp-Z, 2.9m, 12.7s, MS4.7 LR LR

CIT Chita 25.14 315 eP P 02 28 18.6 -0.3

CIT 0.2 28 29.0

CIT 0.2 28 55.8

CIT comp-Z, 251nm, 1.9s, mb5.4 pmax pmax

YAK Yakutsk 25.85 346 eP P 02 28 23.2 -2.0

YAK 0.2 28 34.5 +4.1

YAK 0.2 29 12.3

YAK 0.2 29 30.5

YAK 0.2 32 55.5 +1.6

YAK 0.2 33 51.2

YAK comp-E, 5.0nm, 1.0s pmax pmax

YAK comp-Z, 31nm, 0.9s, mb4.8 pmax pmax

YAK comp-N, 14nm, 1.4s pmax pmax

YAK comp-Z, 4.0nm, 0.2s, mb4.6 pmax pmax

YAK comp-N, 67nm, 3.2s smax smax

YAK comp-E, 34nm, 3.8s smax smax

YAK comp-Z, 540nm, 16.0s, MS4.2 MLR MLR

YAK comp-E, 190nm, 14.0s, MS4.1 MLR MLR

YAK comp-N, 357nm, 15.0s, MS4.1 MLR MLR

YAK Yakutsk 25.85 346 eP P 02 28 24.5 -0.8

comp-N, 34nm, 0.8s, mb4.9

SEY Seymchan 26.08 10deP P 02 28 27.9 +0.6

XAN Xi'an 27.67 273 P P 02 28 41.3 -0.7

Table of astronomical observations for 20 days in July 2008, 2 hours per day. Columns include BRG, comp, time, and various codes (eP, pmax, MLR, etc.).

Table of astronomical observations for 20 days in July 2008, 2 hours per day. Columns include LPL, comp, time, and various codes (eP, pmax, MLR, etc.).

Table of astronomical observations for 20 days in July 2008, 2 hours per day. Columns include GPS1, comp, time, and various codes (eP, pmax, MLR, etc.).

KRSC 20 02:29:40.5:0.1,54:12N x 159.78E, h137km, 26km, ML3.6, Near east coast of Kamchatka Peninsula. Includes a table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

ISCJB 20 02:34:10.6:0.2, 101.65N:03:85.78W, h137km, 26km, ML3.6, Near east coast of Kamchatka Peninsula. Includes a table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

Table with columns for ID, Name, Date, Time, and other details. Includes entries like Cox Ranch, Kincaid Ranch, WVT Waves, etc.

Table with columns for ID, Name, Date, Time, and other details. Includes entries like S24A Houchin Ranch, SDCO Great Sand Dun, JFWS Jewell Farm, etc.

Table with columns for ID, Name, Date, Time, and other details. Includes entries like SPUT South Promonto, BGU Big Grassy Mou, N14A Greasy Hills, etc.

| | | | | | |
|------|----------------|--------------|----|-----------------|--|
| EFF | | S | Sn | 03 31 14.2 +0.4 | |
| EFF | | eSn | Sn | 03 31 14.8 +1.0 | |
| VLX | Vlachokerasia | 1.61 91 ePN | Pn | 03 30 53.1 -0.6 | |
| VLX | | eSN | Pn | 03 31 15.7 +1.1 | |
| VLX | Vlachokerasia | 1.61 91 P | Pn | 03 30 52.8 -0.9 | |
| VLX | | eS | Pn | 03 31 14.2 +0.4 | |
| VLX | Vlachokerasia | 1.61 91 ePN | Pn | 03 30 52.8 -0.9 | |
| VLX | Vlachokerasia | 1.61 91 ePN | Pn | 03 30 53.1 -0.6 | |
| VLX | | eS | Sn | 03 31 14.2 +0.4 | |
| VLX | | S | Sn | 03 31 15.7 +1.1 | |
| TRIZ | Trizonia | 1.65 55 P | Pn | 03 30 53.9 -0.4 | |
| TRIZ | Trizonia | 1.65 59 P | Pn | 03 30 53.9 -0.4 | |
| GUR | Goura | 1.66 71 ePN | Pn | 03 30 53.7 -0.6 | |
| GUR | Goura | 1.66 71 P | Pn | 03 30 53.8 -0.5 | |
| GUR | | S | Pn | 03 31 16.2 +0.6 | |
| GUR | Goura | 1.66 71 P | Pn | 03 30 53.8 -0.5 | |
| GUR | | S | Pn | 03 31 16.2 +0.6 | |
| KALE | Kalitheia | 1.71 55 P | Pn | 03 30 54.5 -0.6 | |
| KALE | | S | Pn | 03 31 17.7 +0.8 | |
| KALE | Kalitheia | 1.71 55 P | Pn | 03 30 54.5 -0.6 | |
| KALE | | S | Pn | 03 31 17.7 +0.8 | |
| EVR | Evrytania | 1.88 37 ePN | Pn | 03 30 58.4 +1.0 | |
| EVR | | ePN | Pn | 03 31 22.9 +1.8 | |
| EVR | Evrytania | 1.88 37 ePN | Pn | 03 30 58.4 +1.0 | |
| EVR | | ePN | Pn | 03 31 21.9 +0.8 | |
| EVR | Evrytania | 1.88 37 ePN | Pn | 03 30 58.4 +1.0 | |
| EVR | | ePN | Pn | 03 31 22.9 +1.8 | |
| DSF | Desfina | 1.98 60 P | Pn | 03 30 58.7 -0.1 | |
| DSF | | S | Pn | 03 31 24.1 +0.5 | |
| DSF | Desfina | 1.98 60 P | Pn | 03 30 58.7 -0.1 | |
| DSF | | S | Pn | 03 31 24.1 +0.5 | |
| IGT | Igoumenitsa | 2.10 359 P | Pg | 03 31 05.2 -0.4 | |
| IGT | Igoumenitsa | 2.10 359 P | Pn | 03 31 01.1 +0.6 | |
| IGT | Igoumenitsa | 2.10 359 P | Pn | 03 31 02.9 +0.7 | |
| LTK | Loutraki | 2.15 73 ePB | Pn | 03 31 00.6 -0.6 | |
| LTK | Loutraki | 2.15 73 P | Pn | 03 31 00.4 -0.8 | |
| LTK | Loutraki | 2.15 73 P | Pn | 03 31 00.4 -0.8 | |
| VLI | Veliai | 2.18 108 ePN | Pn | 03 31 02.4 +0.8 | |
| VLI | Veliai | 2.18 108 ePN | Pn | 03 31 02.4 +0.8 | |
| VLI | Veliai | 2.18 108 ePN | Pn | 03 31 02.4 +0.8 | |
| AGG | Agios Georgios | 2.23 44 ePN | Pn | 03 31 02.5 +0.3 | |
| AGG | Agios Georgios | 2.23 44 ePN | Pn | 03 31 02.5 +0.3 | |
| AGG | Agios Georgios | 2.23 44 P | Pn | 03 31 02.0 -0.2 | |
| AGG | | S | Pn | 03 31 31.2 +1.5 | |
| AGG | Agios Georgios | 2.23 44 ePN | Pn | 03 31 02.0 -0.2 | |
| AGG | Agios Georgios | 2.23 44 ePN | Pn | 03 31 02.0 -0.2 | |
| JAN | Janina | 2.26 10 ePN | Pn | 03 31 03.0 +0.3 | |
| JAN | Janina | 2.26 10 ePN | Pn | 03 31 03.0 +0.3 | |
| JAN | Janina | 2.26 10 ePN | Pn | 03 31 03.0 +0.3 | |
| DID | Didima | 2.29 87 ePN | Pn | 03 31 31.4 0.0 | |
| DID | | eSN | Pn | 03 31 31.4 0.0 | |
| DID | Didima | 2.29 87 P | Pn | 03 31 01.7 -1.4 | |
| DID | | S | Pn | 03 31 32.1 +0.7 | |
| DID | Didima | 2.29 87 P | Pn | 03 31 01.7 -1.4 | |
| DID | | eSN | Pn | 03 31 31.4 0.0 | |
| KEK | Kerkira | 2.33 349 P | Pg | 03 31 12.4 +2.6 | |
| KEK | Kerkira | 2.33 349 P | Pn | 03 31 04.0 +0.4 | |
| KEK | Kerkira | 2.33 349 P | Pn | 03 31 04.0 +0.4 | |
| LKR | Lokris | 2.42 59 ePB | Pn | 03 31 03.9 -0.9 | |
| LKR | | ePN | Pn | 03 31 34.4 -0.1 | |
| LKR | Lokris | 2.42 59 ePB | Pn | 03 31 03.9 -0.9 | |
| LKR | | ePN | Pn | 03 31 34.4 -0.1 | |
| LKR | Lokris | 2.42 59 P | Pn | 03 31 04.1 -0.7 | |
| LKR | | S | Pn | 03 31 35.1 +0.6 | |
| LKR | Lokris | 2.42 59 P | Pn | 03 31 04.1 -0.7 | |
| LKR | | eSN | Pn | 03 31 34.4 -0.1 | |
| LKR | Lokris | 2.42 59 P | Pn | 03 31 04.1 -0.7 | |
| LKR | | S | Pn | 03 31 35.1 +0.6 | |
| KYTH | Kithira | 2.43 117 ePN | Pn | 03 31 05.9 +0.8 | |
| KYTH | Kithira | 2.43 117 ePN | Pn | 03 31 05.9 +0.8 | |
| KYTH | Kithira | 2.43 117 ePN | Pn | 03 31 05.9 +0.8 | |
| THL | Klokotos Trika | 2.50 31 ePN | Pn | 03 31 06.5 +0.5 | |
| THL | Klokotos Trika | 2.50 31 P | Pn | 03 31 04.9 +0.1 | |
| THL | Klokotos Trika | 2.50 31 P | Pn | 03 31 06.5 +0.5 | |
| THL | Klokotos Trika | 2.50 31 P | Pn | 03 31 06.5 +0.5 | |
| THL | Klokotos Trika | 2.50 31 ePN | Pn | 03 31 06.5 +0.5 | |
| THL | Klokotos Trika | 2.50 31 ePN | Pn | 03 31 06.5 +0.5 | |
| THL | Klokotos Trika | 2.50 31 ePN | Pn | 03 31 06.5 +0.5 | |
| NAIG | Nisos Aigina | 2.51 81 ePN | Pn | 03 31 06.8 +0.7 | |
| NAIG | Nisos Aigina | 2.51 81 ePN | Pn | 03 31 06.8 +0.7 | |
| NAIG | Nisos Aigina | 2.51 81 ePN | Pn | 03 31 06.8 +0.7 | |
| VLY | Voula, Athens | 2.76 80 ePN | Pn | 03 31 09.9 +0.4 | |
| VLY | Voula, Athens | 2.76 80 ePN | Pn | 03 31 09.9 +0.4 | |
| VLY | Voula, Athens | 2.76 80 ePN | Pn | 03 31 09.9 +0.4 | |
| PTL | Penteli | 2.85 76 ePB | Pn | 03 31 11.6 +0.8 | |
| PTL | Penteli | 2.85 76 ePB | Pn | 03 31 11.6 +0.8 | |
| PTL | Penteli | 2.85 76 ePB | Pn | 03 31 11.6 +0.8 | |
| NEO | Neokhori | 2.93 49 ePN | Pn | 03 31 12.5 +0.6 | |
| NEO | Neokhori | 2.93 49 ePN | Pn | 03 31 12.5 +0.6 | |
| NEO | Neokhori | 2.93 49 ePN | Pn | 03 31 12.5 +0.6 | |
| XOR | Xorichti | 2.95 48 P | Pn | 03 31 11.4 -0.8 | |
| XOR | Xorichti | 2.95 48 P | Pn | 03 31 11.4 -0.8 | |
| XOR | Xorichti | 2.95 48 P | Pn | 03 31 11.4 -0.8 | |
| NEST | Nestorio | 3.03 10 P | Pn | 03 31 14.2 +0.9 | |
| NEST | Nestorio | 3.03 10 P | Pn | 03 31 14.2 +0.9 | |
| NEST | Nestorio | 3.03 10 P | Pn | 03 31 14.2 +0.9 | |
| KZN | Kozani | 3.08 21 ePN | Pn | 03 31 16.1 +2.2 | |
| KZN | Kozani | 3.08 21 ePN | Pn | 03 31 16.1 +2.2 | |
| KZN | Kozani | 3.08 21 ePN | Pn | 03 31 16.1 +2.2 | |
| KZN | Kozani | 3.08 21 P | Pn | 03 31 13.8 -0.1 | |
| KZN | Kozani | 3.08 21 P | Pn | 03 31 13.8 -0.1 | |
| KZN | Kozani | 3.08 21 ePB | Pn | 03 31 16.1 +2.2 | |
| AOS | Alonissos | 3.27 57 P | Pn | 03 31 20.0 -3.4 | |
| AOS | Alonissos | 3.27 57 P | Pn | 03 31 20.0 -3.4 | |
| FNA | Florina | 3.44 13 P | Pb | 03 31 23.4 -2.9 | |
| FNA | Florina | 3.44 13 P | Pb | 03 31 23.4 -2.9 | |
| FNA | Florina | 3.44 13 P | Pb | 03 31 23.4 -2.9 | |
| VAM | Vamos | 3.70 122 ePN | Pn | 03 31 23.9 +1.5 | |
| VAM | Vamos | 3.70 122 ePN | Pn | 03 31 23.9 +1.5 | |
| VAM | Vamos | 3.70 122 ePN | Pn | 03 31 23.9 +1.5 | |
| PLG | Polygyros | 3.80 38 ePN | Pn | 03 31 23.3 -0.6 | |
| PLG | Polygyros | 3.80 38 ePN | Pn | 03 31 23.3 -0.6 | |
| PLG | Polygyros | 3.80 38 ePN | Pn | 03 31 23.3 -0.6 | |
| HORT | Horiatias | 3.82 33 P | Pn | 03 31 27.2 +3.1 | |
| HORT | Horiatias | 3.82 33 P | Pn | 03 31 27.2 +3.1 | |
| HORT | Horiatias | 3.82 33 P | Pn | 03 31 27.2 +3.1 | |
| SOH | Sokhos | 4.11 34 ePN | Pn | 03 31 28.6 +0.5 | |
| SOH | Sokhos | 4.11 34 ePN | Pn | 03 31 28.6 +0.5 | |
| SOH | Sokhos | 4.11 34 ePN | Pn | 03 31 28.6 +0.5 | |
| IDI | Anoyia | 4.24 119 ePN | Pn | 03 31 31.7 +1.9 | |
| IDI | Anoyia | 4.24 119 ePN | Pn | 03 31 31.7 +1.9 | |
| IDI | Anoyia | 4.24 119 ePN | Pn | 03 31 31.7 +1.9 | |
| NVR | Nevrokopi | 4.77 34 ePN | Pn | 03 31 37.9 +1.3 | |
| NVR | Nevrokopi | 4.77 34 ePN | Pn | 03 31 37.9 +1.3 | |
| NVR | Nevrokopi | 4.77 34 ePN | Pn | 03 31 37.9 +1.3 | |
| STON | Ston | 5.81 340 ePN | Pn | 03 32 53.2 -4.8 | |
| STON | | S | Pn | 03 31 49.5 -1.9 | |
| STON | Ston | 5.81 340 ePN | Pn | 03 32 53.2 -4.8 | |

| | | | | | |
|------|----------|------------|----|-----------------|--|
| HUIG | Huatulco | 2.68 108 P | Pn | 03 32 14.2 -3.0 | |
| HUIG | | iS | Pn | 03 32 46.1 -3.6 | |

ISCJB 20 04:17:17.9:1.3, 17.4N:0.2:145.6E:0.2, h319km, 19km, mb3.6/15, Error ellipse: s-maj=28.9km s-min=22.3km az=140.9
 IDC 20 04:17:18.2:1.3, 17.41N:145.58E, h303km, 16km, mb3.3/11, mb1.3-0.4, mb1mx3.9/25, mbtmp3.3/12, Error ellipse: s-maj=20.1km s-min=16.2km az=121.0
 NEIC 20 04:17:19.1:1.3, 17.39N:145.57E, h316km, 15km, mb4.0/3, Error ellipse: s-maj=19.1km s-min=17.4km az=146.0
 ISC 20 04:17:18.1:1.3, 17.3N:0.2:145.6E:0.2, h314km, 19km, n17, o59117, mb3.6/15, Mariana Islands

| Code | Station Name | Δ° AZ° | Op | Phase ID | Time Res | ISC |
|-------|----------------|--|-------|----------|-----------------|-----|
| GUMO | Guam | 3.80 191 | Op | ISC | h m s ISC | |
| GUMO | | 24m, 0.3s, baz=100, slow=5.6, SNR=26 | S | Pn | 04 19 24.2 +0.6 | |
| PETK | Petropalovsk- | 36.93 12 | P | P | 04 23 58.6 +0.4 | |
| FITZ | Fitzroy Crossi | 40.32 210 | P | P | 04 24 27.3 +0.7 | |
| SOMN | Songino Array | 44.13 322 | P | P | 04 24 58.1 +1.3 | |
| CMAR | Chiang Mai Arr | 44.30 279 | P | P | 04 24 59.2 +0.6 | |
| ZALV | Zalov Beam | 59.02 323 | P | P | 04 26 46.1 -0.1 | |
| MKAR | Makanchi Array | 59.32 314 | P | P | 04 26 48.7 +0.4 | |
| MKAR | | 5.5m, 0.4s, mb3.2, baz=87, slow=9.3, SNR=4.7 | PcP | PcP | 04 27 32.8 0.0 | |
| KDOK | Kodiak Island | 60.55 33 | P | P | 04 26 57.1 +0.8 | |
| KURK | Kurchatov | 62.20 319 | eP | P | 04 27 06.8 -0.7 | |
| ILAR | Eielson Array | 64.90 26 | P | P | 04 27 23.8 -1.0 | |
| BVAR | Borovoye Array | 67.44 321 | P | P | 04 27 40.9 -0.2 | |
| BRVK | Borovoye | 67.51 321 | eP | P | 04 27 42.3 +0.9 | |
| ARCS | ARCS Array | 74.25 317 | eP | P | 04 28 21.0 -0.9 | |
| ABKAR | ABKAR Array B | 83.74 342 | P | P | 04 29 11.4 -1.2 | |
| NVAR | Nearctic Array | 84.06 52 | P | P | 04 29 15.8 +1.0 | |
| FINES | FINES Array B | 88.06 335 | P | P | 04 29 31.4 -2.3 | |
| LPAZ | La Paz | 147.73 | PKPbc | PKPbc | 04 36 29.1 +1.6 | |
| | | 0.5m, 0.5s, baz=342, slow=3.2, SNR=4.3 | | | | |

ISCJB 20 04:28:06.2:0.6, 13.43N:0.09:93.0E:0.1, h24km, mb3.9/13, MS3.6/2, Error ellipse: s-maj=14.6km s-min=12.3km az=176.4
 IDC 20 04:28:07.0:0.9, 13.44N:92.91E, h21km, 5km, mb3.8/9, mb1.3/9/10, mb1mx3.7/21, mbtmp3.8/10, MS3.6/2, Ms1.3/6/2, ms1mx2.8/28, Error ellipse: s-maj=28.3km s-min=17.1km az=66.6
 NEIC 20 04:28:08.0:0.6, 13.42N:92.91E, mb3.8/2, Error ellipse: s-maj=15.4km s-min=13.0km az=81.0
 ISC 20 04:28:08.5:0.6, 13.42N:0.09:92.9E:0.1, h25km, h25km, 2.1km, pP-P, n24, o858/21, mb3.9/13, MS3.6/2, Andaman Islands region

| Code | Station Name | Δ° AZ° | Op | Phase ID | Time Res | ISC |
|-------|----------------|--|-----|----------|-----------------|-----|
| CMAR | Chiang Mai Arr | 7.65 48 | Op | ISC | h m s ISC | |
| CMAR | | 24s-243, slow=16, SNR=2.6 | S | Pn | 04 29 57.3 -1.1 | |
| CHTO | Chiang Mai | 7.88 46 | ePN | Pn | 04 31 20.3 -3.9 | |
| VIS | Vishakhapatnam | 11.29 296 | iS | Pn | 04 30 26.1 -7.1 | |
| VIS | | 1.1m, 0.5s, mb4.0, baz=94, slow=6.0, SNR=9.6 | iS | Pn | 04 32 16.2 -1.1 | |
| VIS | | 1.1m, 0.5s, mb4.0, baz=94, slow=6.0, SNR=9.6 | iS | Pn | 04 32 17.0 -1.1 | |
| VIS | | comp=N, 28nm, 0.4s | ex | x | 04 32 18.1 | |
| VIS | | comp=E, 18nm, 0.3s | ex | x | 04 32 18.1 | |
| LZH | Lanzhou | 24.61 22 | eP | P | 04 33 36.5 +1.0 | |
| LZH | | 2.5m, 0.5s, mb3.2, baz=157, slow=7.8, SNR=2.8 | eP | P | 04 34 40.5 | |
| LZH | | 2.5m, 0.5s, mb3.2, baz=157, slow=7.8, SNR=2.8 | eP | P | 04 34 42.3 +5.0 | |
| XAN | Xi'an | 25.14 33 | P | P | 04 33 31.0 -0.6 | |
| XAN | | 2.5m, 0.5s, mb3.2, baz=157, slow=7.8, SNR=2.8 | P | P | 04 33 39.8 +0.7 | |
| XAN | | 2.5m, 0.5s, mb3.2, baz=157, slow=7.8, SNR=2.8 | P | P | 04 34 53.9 -0.2 | |
| MKAR | | 2.0m, 0.2nm, 0.6s, mb3.2, baz=157, slow=7.8, SNR=2.8 | P | P | 04 35 00.2 -1.3 | |
| MKAR | | 2.0m, 0.2nm, 0.6s, mb3.2, baz=157, slow=7.8, SNR=2.8 | P | P | 04 35 03.9 -0.2 | |
| MKAR | | 2.0m, 0.2nm, 0.6s, mb3.2, baz=157, slow=7.8, SNR=2.8 | P | P | 04 35 00.2 -1.3 | |
| SOMN | Songino Array | 36.10 15 | eP | P | 04 35 08.7 +0.5 | |
| KURK | Kurchatov | 38.97 346 | eP | P | 04 35 34.0 +1.5 | |
| KSRs | Korea Array | 39.28 46 | LR | LR | 04 54 13.4 | |
| ZALV | Zalov Beam | 40.94 353 | P | P | 04 35 48.7 -0.1 | |
| ZALV | | comp=2.1, 8nm, 0.7s, baz=171, slow=7.1, SNR=4.8 | P | P | 04 35 54.6 -1.8 | |
| ZALV | | 2.5m, 0.5s, mb3.2, baz=157, slow=7.8, SNR=2.8 | P | P | 04 35 48.7 -0.1 | |
| BVAR | Borovoye Array | 43.39 340 | P | P | 04 36 14.6 -1.8 | |
| ABKAR | ABKAR array | 44.85 330 | eP | P | 04 36 19.7 -0.8 | |
| FITZ | Fitzroy Crossi | 44.97 133 | P | P | 04 36 21.5 -0.4 | |
| NWAO | Narrogin (SRO) | 51.61 154 | P | P | | |

2008 JUL

20d 6h

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like HBR Khabarovsk, MOY Monday, TKM2 Tokmak 2, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like ZALV Zalesovo Beam, Bafgh, Akhmedad, Mawson, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like MAK Mak, ARU Arti, SEY Seymchan, etc.

Table with columns for station name, coordinates, and various data points. Includes stations like VORD, VSR, YKA, etc.

Table with columns for station name, coordinates, and various data points. Includes stations like ILAR, Eielson Array, RKT, etc.

Table with columns for station name, coordinates, and various data points. Includes stations like L13A, Q11A, M13A, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like Junction City, Cornudas Mount, Lajitas Array, etc.

IDC 20 08:23:30.8-0.8, 4.92N-62.27E, h0km, mb4.1/1.0, mb1 4.2/1.0, mb1mx3.9/23, mbtmp4.1/1.0, MS4.3/1, Ms1 4.3/1, ms1mx3.8/1.1, Error ellipse: s-maj=2.42km s-min=19.8km az=2.0, Carlsberg Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like Arta Tunnel, Kilima Mbogo, Boshof, etc.

ISC/JB 20 08:29:13.7-0.3, 38.42N-0.02-21.99E, h1km, 4km, Error ellipse: s-maj=3.2km s-min=3.0km az=171.7

ATH 20 08:29:13.9, 38.43N-21.98E, h16km, 2km, MD3.1/1.4, ML2.9

NEIC 20 08:29:13.9, 38.43N-21.98E, h16km, ML2.9(ATH), After ATH

THE 20 08:29:14.2, 38.41N-22.00E, h1km, 2km, ML3.6/7, Error ellipse: s-maj=2.2km s-min=0.6km az=232.0

CSEM 20 08:29:14.0, 0.1, 38.43N-21.98E, h2km, ML3.6/7, Error ellipse: s-maj=3.3km s-min=2.9km az=50.0

ISC 20 08:29:14.4, 0.3, 38.42N-0.02-21.98E, h5km, 3km, n87, c0589/119, 3C, Greece

Large table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like EFP, KAP, DAT, BDRM, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like VLY, IGT, VLI, KZN, etc.

DDA 20 08:41:50.2, 36.00N-27.97E, h29km, 3km, Md2.9

ISK 20 08:41:50.6, 35.88N-27.64E, h24km, MD3.1

CSEM 20 08:41:51.0, 0.4, 35.88N-27.66E, h20km, MD3.1, Error ellipse: s-maj=8.0km s-min=6.7km az=25.0

ISC 20 08:41:52.0, 1.0, 35.88N-0.04-27.72E, c0.06, h33km, gkm, n26, c1919/41, Dodecanese Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like KARP, DAT, BDRM, etc.

IDC 20 08:45:33.5-1.3, 4.99N-62.22E, h0km, mb3.7/6, mb1 3.8/6, mb1mx3.5/22, mbtmp3.7/6, Error ellipse: s-maj=38.1km s-min=27.6km az=150.0, Carlsberg Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like KMB, CMAR, MKAR, ZALV, etc.

IDC 20 08:57:22.3, 1.6, 5.35S-126.65E, h0km, mb3.9/2, mb1 3.8/3, mb1mx3.5/20, mbtmp3.8/3, ML3.8/1, Error ellipse: s-maj=269.4km s-min=25.8km az=65.0

ISC/JB 20 08:57:26.9, 3.4, 5.6S-0.2, 126.4E, h0.2, h53km, 36km, mb3.9/2, Error ellipse: s-maj=45.9km s-min=11.8km az=40.8

NEIC 20 08:57:30.8, 2.2, 5.79S-126.36E, h78km, 26km, mb4.1/1, Error ellipse: s-maj=37.0km s-min=10.5km az=220.0

ISC 20 08:57:29.5, 2.7, 5.7S-0.2, 126.4E, h0.2, h60km, 31km, n9, c0711/10, mb3.9/2, Banda Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like KAPI, KAKA, FITZ, WRAB, etc.

ISC/JB 20 09:22:37.8, 0.3, 39.47N-126.53E, h0km, mb3.9/2, Error ellipse: s-maj=3.0km s-min=2.6km az=31.3

CSEM 20 09:22:37.6, 0.1, 39.46N-126.55E, h2km, ML3.5/8, Error ellipse: s-maj=3.5km s-min=2.9km az=40.0

THE 20 09:22:37.7, 39.46N-126.56E, h0km, 1km, ML3.5/8, Error ellipse: s-maj=1.9km s-min=0.7km az=284.0

NEIC 20 09:22:37.8, 39.48N-126.62E, h7km, MD3.2(ATH), After ATH

ATH 20 09:22:37.8, 39.48N-126.62E, h7km, 3km, MD3.2(ATH)

ISC 20 09:22:37.7, 0.5, 39.47N-126.55E, h0.2, h0km, 4km, n103, c19101/138, 4C, Greece-Albania border region

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

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like KEK, Kerkira, Kerkira, etc.

DDA 20 09:23:56.2, 36.95N-29.11E, h7km, 6km, Md2.9

ISC/JB 20 09:23:57.0, 0.6, 36.98N-0.03-29.15E, h0.3, h6km, 5km, Error ellipse: s-maj=5.9km s-min=3.8km az=6.3

CSEM 20 09:23:57.0, 1.0, 36.95N-29.19E, h8km, MD3.0, Error ellipse: s-maj=2.3km s-min=1.7km az=8.0

ISK 20 09:23:57.0, 37.01N-29.16E, h7km, MD3.0

ISC 20 09:23:57.0, 0.3, 36.98N-0.04-29.16E, h0.3, h12km, 4km, n36, c0599/54, Turkey

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

ISC 20 09:23:57.0, 0.3, 36.98N-0.04-29.16E, h0.3, h12km, 4km, n36, c0599/54, Turkey

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

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like GPAA, GPAB, GPAC, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BURAR, BUR08, BUR08, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like JU6E, JU6E, RETU, etc.

IGQ 20 10:20:24.3, 2.155x80, 100W, h10km, 2km, Mb4.6, MS4.4, Error ellipse: s-maj=5.9km s-min=1.3km az=107.6

| | | | | | | | | | | | | | | |
|-------|----------------|---------------|----|-----------------|-------|---|----------------|-----------------|-----------------|-------------------|--------------------|--------------|-----------------|-----------------|
| OUR | Ouranopolis | 5.01 17 P | Pn | 11 09 42.9 -0.5 | DRGR | 11 25 2 U/P | Pn | 11 11 11.3 +2.5 | KIV | Kislovodsk | 17.88 56 eP | Pn | 11 12 36.3 +0.2 | |
| IZM | Izmir | 5.01 54 eP | Pn | 11 09 41.8 -1.7 | DRGR | 11 25 2 U/P | Pn | 11 11 11.3 +2.5 | KIV | Kislovodsk | 17.88 56 eP | Pn | 11 12 36.3 +0.2 | |
| HORT | Horliatis | 5.11 8 P | S | 11 09 44.2 -0.5 | MMAL | comp=Z,0.5nm,0.3s,baz=294,slow=11,SNR=3.0 | Pn | 11 11 05.4 -3.9 | KIV | comp=Z,1.9nm,1.2s | | MLR | 11 12 37.8 +1.7 | |
| HORT | Horliatis | 5.11 8 P | S | 11 09 44.2 -0.5 | BUD | Budapest | 12.15 350I ePn | Px | 11 11 35.9 | KIV | comp=Z,4.7nm,10.0s | | MLR | 11 12 37.8 +1.7 |
| HORT | Horliatis | 5.11 8 P | S | 11 09 44.2 -0.5 | BURAR | Bucovina Array | 12.28 10 U/P | Pn | 11 11 25.7 +2.7 | KIV | Kislovodsk | 17.88 56 eP | Pn | 11 12 36.3 +0.2 |
| HORT | Horliatis | 5.11 8 P | S | 11 09 44.2 -0.5 | BURAR | Bucovina Array | 12.28 10 U/P | Pn | 11 11 20.9 -2.5 | KIV | Kislovodsk | 17.88 56 eP | Pn | 11 12 36.3 +0.2 |
| KBN | Korca | 5.18 349 ePn | Pn | 11 09 47.1 +1.4 | EIL | Eilat | 12.30 115 Pn | Pn | 11 11 32.7 -6.3 | LOR | Lormes | 17.97 316 eP | Pn | 11 12 40.1 -1.2 |
| KBN | Korca | 5.18 349 ePn | Pn | 11 09 47.1 +1.4 | EIL | Eilat | 12.30 115 Pn | Pn | 11 11 20.9 -2.5 | LOR | Lormes | 17.97 316 eP | Pn | 11 12 40.1 -1.2 |
| VER | Vereskis | 5.23 70 eP | Pn | 11 09 46.7 +0.3 | BUR0R | Bucovina Ar. S | 12.31 10 ePn | Pn | 11 11 32.7 -6.3 | AVF | Avril sur Loir | 18.00 314 eP | Pn | 11 12 36.4 -1.2 |
| VER | Vereskis | 5.23 70 eP | Pn | 11 09 46.7 +0.3 | BUR0R | Bucovina Ar. S | 12.31 10 ePn | Pn | 11 11 23.0 -0.3 | AVF | Avril sur Loir | 18.00 314 eP | Pn | 11 12 36.4 -1.2 |
| FNA | Florina | 5.27 354 P | Pn | 11 09 46.4 -0.5 | PSZ | Piszkesteto | 12.48 353 I/P | Px | 11 11 35.8 | SSF | Saint Saulge | 18.06 315 eP | Pn | 11 12 35.4 -2.9 |
| FNA | Florina | 5.27 354 P | Pn | 11 09 46.4 -0.5 | PSZ | Piszkesteto | 12.48 353 I/P | Px | 11 11 35.8 | SSF | Saint Saulge | 18.06 315 eP | Pn | 11 12 35.4 -2.9 |
| FNA | Florina | 5.27 354 P | Pn | 11 09 46.4 -0.5 | KIS | Kishinev | 12.50 22 eP | Pn | 11 11 28.0 +2.1 | WLF | Walferdange | 18.31 325 P | Pn | 11 12 40.1 -1.2 |
| FNA | Florina | 5.27 354 P | Pn | 11 09 46.4 -0.5 | KIS | Kishinev | 12.50 22 eP | Pn | 11 11 28.0 +2.1 | WLF | Walferdange | 18.31 325 P | Pn | 11 12 40.1 -1.2 |
| SOH | Sokhos | 5.36 10 P | S | 11 09 47.9 -0.3 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| SOH | Sokhos | 5.36 10 P | S | 11 09 47.9 -0.3 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| SOH | Sokhos | 5.36 10 P | S | 11 09 47.9 -0.3 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| SOH | Sokhos | 5.36 10 P | S | 11 09 47.9 -0.3 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| SOH | Sokhos | 5.36 10 P | S | 11 09 47.9 -0.3 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| EZN | Ezine | 5.43 37 eP | Pn | 11 09 49.2 +0.1 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| BIA | Bitola | 5.50 354 P | Pn | 11 09 49.6 -0.6 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| BIA | Bitola | 5.50 354 P | Pn | 11 09 49.6 -0.6 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| BIA | Bitola | 5.50 354 P | Pn | 11 09 49.6 -0.6 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| BIA | Bitola | 5.50 354 P | Pn | 11 09 49.6 -0.6 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| GADA | Gvlggeada | 5.52 32 eP | Pn | 11 09 52.6 +2.1 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| GAD | Gvlggeada | 5.52 32 eP | Pn | 11 09 52.6 +2.1 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| CED | Celeste | 5.67 300 ePn | Sn | 11 09 51.6 -0.9 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| CEL | Celeste | 5.67 300 ePn | Sn | 11 09 51.6 -0.9 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| SRS | Serrai | 5.69 11 P | Pn | 11 09 52.1 -0.6 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| SRS | Serrai | 5.69 11 P | Pn | 11 09 52.1 -0.6 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| SRS | Serrai | 5.69 11 P | Pn | 11 09 52.1 -0.6 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| KAVA | Kavala | 5.76 18 P | Pn | 11 09 53.0 -0.7 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| KAVA | Kavala | 5.76 18 P | Pn | 11 09 53.0 -0.7 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| VAY | Valandovo | 5.78 3 P | Pn | 11 09 53.2 -0.8 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| VAY | Valandovo | 5.78 3 P | Pn | 11 09 53.2 -0.8 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| VAY | Valandovo | 5.78 3 P | Pn | 11 09 53.2 -0.8 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| VAY | Valandovo | 5.78 3 P | Pn | 11 09 53.2 -0.8 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| KRUSO | Krusevo | 5.86 354 i Pn | Pn | 11 09 53.8 -1.2 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| GELI | Tayfur-Gelibol | 5.95 34 eP | Pn | 11 09 58.0 +0.7 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| NVR | Neurokopi | 5.96 13 P | Pn | 11 09 58.0 +1.6 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| NVR | Neurokopi | 5.96 13 P | Pn | 11 09 58.0 +1.6 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| KULA | Kula-Manisa | 6.02 59 eP | Pn | 11 09 56.1 -1.2 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| TIR | Tirane | 6.06 344 ePn | Pn | 11 09 56.6 -1.2 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| TIR | Tirane | 6.06 344 ePn | Pn | 11 09 56.6 -1.2 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| TIR | Tirane | 6.06 344 ePn | Pn | 11 09 56.6 -1.2 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| LPK | Lapci | 6.06 36 eP | Pn | 11 09 58.9 +1.1 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| ENEZ | Enez | 6.08 30 eP | Pn | 11 09 59.6 +1.5 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| MMB | Musomiste | 6.17 11 P | Pn | 11 09 58.3 -1.0 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| ALN | Alexandroupoli | 6.18 29 P | Pn | 11 09 58.3 -1.1 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| ALN | Alexandroupoli | 6.18 29 P | Pn | 11 09 58.3 -1.1 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| ALN | Alexandroupoli | 6.18 29 P | Pn | 11 09 58.3 -1.1 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| ERIK | Erikli-Kesan | 6.18 33 eP | Pn | 11 10 01.3 +1.8 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| WDD | Wied Dalam | 6.18 275 ePn | Sn | 11 11 10.7 +1.7 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| WDD | Wied Dalam | 6.18 275 ePn | Sn | 11 11 10.7 +1.7 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| WDD | Wied Dalam | 6.18 275 ePn | Sn | 11 11 10.7 +1.7 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| GONE | Gonen-Balikesi | 6.30 43 eP | Pn | 11 10 01.1 0.0 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| KKB | Krupnik | 6.36 7 i P | Pn | 11 10 08.8 +6.9 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| LUJL | Ujela | 6.44 186 eP | Pn | 11 10 03.4 +0.3 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| SKO | Skopje | 6.44 356 ePn | Pn | 11 10 01.6 -1.4 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| RZN | Rozhen | 6.47 18 i P | Pn | 11 10 03.8 +0.4 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| VAE | Valguarnera | 6.50 290 Pn | Pn | 11 10 04.2 +0.4 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| VAE | Valguarnera | 6.50 290 Pn | Pn | 11 10 04.2 +0.4 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| VAE | Valguarnera | 6.50 290 Pn | Pn | 11 10 04.2 +0.4 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| VAE | Valguarnera | 6.50 290 Pn | Pn | 11 10 04.2 +0.4 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| VAE | Valguarnera | 6.50 290 Pn | Pn | 11 10 04.2 +0.4 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| PUK | Puka | 6.72 346 ePn | Pn | 11 10 07.5 +0.7 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| PUK | Puka | 6.72 346 ePn | Pn | 11 10 07.5 +0.7 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| ULC | Ulcinj | 6.79 342 I/Pn | Pn | 11 10 05.6 -2.2 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| ULC | Ulcinj | 6.79 342 I/Pn | Pn | 11 10 05.6 -2.2 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| BCI | Bajram Curri | 7.00 347 ePn | Pn | 11 10 09.6 -1.1 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| VTS | Vitosh | 7.09 7 I/P | Pn | 11 10 15.4 +3.5 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| VTS | Vitosh | 7.09 7 I/P | Pn | 11 10 15.4 +3.5 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | 18.34 60 eP | Pn | 11 12 49.9 +8.1 |
| VTS | Vitosh | 7.09 7 I/P | Pn | 11 10 15.4 +3.5 | ASF | Jabal al Asfar | 12.74 101 Pn | Pn | 11 11 26.9 -2.4 | ZEI | Tsey | | | |

2008 JUL

20d 11h

Table of astronomical observations for 20 days in July 2008, 11 hours per day. Columns include station code, name, coordinates, and various observation parameters.

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Table of astronomical observations for 20 days in July 2008, 11 hours per day. Columns include station code, name, coordinates, and various observation parameters.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like SULT, GAZI, AKAS, KULA, IKL, SGKT, etc.

ISCJB 20 11:59:00.1-0.6,38.47N-0.04-21.96E:0.05,h13km,4km, Error ellipse: s-maj=6.8km s-min=5.8km az=135.9

CSEM 20 11:59:00.0-1.38,48N-21.98E,h12km,ML2.7/6, Error ellipse: s-maj=3.9km s-min=3.5km az=102.0

THE 20 11:59:00.8,38.47N-21.97E,h8km,1km,ML2.7/6, Error ellipse: s-maj=1.3km s-min=0.4km az=211.0

ATH 20 11:59:00.0,38.46N-21.97E,h40km,1km,MD2.9/5

ISC 20 11:59:00.3-0.6,38.48N-0.04-21.97E:0.05,h13km,5km, n26, c0948/38, Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like EFP, TRIZ, KALE, LAKA, UPR, etc.

ISC 20 12:03:19.5-1.5,51.27N-179.97W,h0km,mb3.7/13, mb1 3.9/14, mb1mx3.8/26, mbtmp3.7/14, ML3.5/1, MS2.7/1, Ms1 2.7/1, ms1mx2.4/24, Error ellipse: s-maj=43.7km s-min=17.4km az=0.0

ISCJB 20 12:03:24.3-1.4,51.3N:0.3-180.0E:0.1,h47km,7km, mb3.8/13, Error ellipse: s-maj=42.6km s-min=11.0km az=0.3

NEIC 20 12:03:24.2,51.10N:179.89E,h7km,ML3.5(AEIC), After AEIC

ISC 20 12:03:25.4-1.4,51.3N:0.2-180.0E:0.1,h39km,9km,n18, c1504/21, mb3.8/13, Rat Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like AMKA, ATKA, SMY, FX1, PETK, etc.

MAN 20 12:04:08,13.87N-122.66E,h3km,mb3.9,ML2.6,MS2.3, 1D, Luzon

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

ATH 20 12:20:44.9,37.94N-21.44E,h28km,MD2.9/5

NEIC 20 12:20:44.9,37.94N-21.44E,h28km,MD3.0(ATH), After ATH

CSEM 20 12:20:45.4-0.2,37.90N-21.44E,h20km,MD3.0, Error ellipse: s-maj=5.5km s-min=4.4km az=5.0

THE 20 12:20:45.6,37.91N-21.46E,h0km,2km,ML2.7/5, Error ellipse: s-maj=2.8km s-min=0.6km az=200.0

ISC 20 12:20:45.4-0.2,37.87N-0.04-21.44E:0.04,h20km,5km, n36, c0883/49, Southern Greece

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

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

CSEM 20 12:23:00.0-0.4,41.36N-15.65E,h2km,ML3.1/6, Error ellipse: s-maj=8.1km s-min=3.3km az=19.0

ROM 20 12:23:02.0-0.2,41.32N-15.63E,h1km,MD6.2/5, M12.2/16, Error ellipse: s-maj=2.5km s-min=1.2km az=26.0, Southern Italy

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

ISC 20 12:23:33.1-0.8,18.8S:0.2-177.5W:0.2,h57km,15km, mb3.7/4, Error ellipse: s-maj=33.6km s-min=14.7km az=145.7

ISC 20 13:57:34.1-1.9,18.28S:177.87W,h552km,27km,mb3.0/3, mb1 3.2/4, mb1mx2.9/17, mbtmp3.1/4, Error ellipse: s-maj=126.1km s-min=18.8km az=144.0

NEIC 20 13:57:34.3-1.0,18.66S:177.54W,h573km,12km,mb4.2/1, Error ellipse: s-maj=29.9km s-min=17.7km az=134.0

ISC 20 13:57:33.8-0.8,18.7S:0.2-177.5W:0.2,h57km,14km, n14, c0888/12, mb3.7/4, Fiji Islands region

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

MAN 20 13:31:17,12.66N:120.26E,h39km,mb4.3,ML3.1,MS2.9, Mindoro

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

ISCJB 20 13:57:33.1-0.8,18.8S:0.2-177.5W:0.2,h57km,15km, mb3.7/4, Error ellipse: s-maj=33.6km s-min=14.7km az=145.7

ISC 20 13:57:34.1-1.9,18.28S:177.87W,h552km,27km,mb3.0/3, mb1 3.2/4, mb1mx2.9/17, mbtmp3.1/4, Error ellipse: s-maj=126.1km s-min=18.8km az=144.0

NEIC 20 13:57:34.3-1.0,18.66S:177.54W,h573km,12km,mb4.2/1, Error ellipse: s-maj=29.9km s-min=17.7km az=134.0

ISC 20 13:57:33.8-0.8,18.7S:0.2-177.5W:0.2,h57km,14km, n14, c0888/12, mb3.7/4, Fiji Islands region

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

ISC 20 14:05:32.8-1.5,10.90S:161.90E,h0km,mb3.7/7, mb1 3.9/8, mb1mx3.8/19, mbtmp3.8/8, ML4.5/1, MS3.3/6, Ms1 3.3/6, ms1mx3.0/29, Error ellipse: s-maj=39.6km s-min=29.5km az=144.0

NEIC 20 14:05:34.6-0.9,10.89S:161.84E,h10km,mb3.9/1, Error ellipse: s-maj=22.7km s-min=16.6km az=145.0

ISCJB 20 14:05:38.3-3.8,10.8S:0.1-161.7E:0.2,h46km,29km, mb3.7/8, MS3.3/4, Error ellipse: s-maj=31.0km s-min=20.5km az=23.6

ISC 20 14:05:39.4-3.9,10.7S:0.1-161.7E:0.2,h37km,30km,n18, c093/15, mb3.7/8, MS3.3/4, Bougainville - Solomon Islands region

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

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

ISC 20 13:21:30.3-3.2,15.35N:120.09E,h35km,29km,mb3.3/3, mb1 3.5/3, mb1mx3.1/21, mbtmp3.3/3, MS2.8/2, Ms1 2.8/2, ms1mx2.6/13, Error ellipse: s-maj=59.3km s-min=24.6km az=56.0

ISCJB 20 13:21:31.5-0.6,15.37N:0.04-119.79E:0.07, h41km,12km,mb3.5/2, MS2.7/2, Error ellipse: s-maj=10.6km s-min=6.0km az=178.5

MAN 20 13:21:31,15.41N:119.71E,h32km,mb4.8,ML3.7,MS3.7

ISC 20 13:21:32.9-0.7,15.40N:0.04-119.84E:0.07,h35km,17km, n24, c1932/29, mb3.5/2, MS2.7/2, 2C-2D, Luzon

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

ISC 20 13:22:02.0-0.2,15.40N:0.04-119.84E:0.07,h35km,17km, n24, c1932/29, mb3.5/2, MS2.7/2, 2C-2D, Luzon

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

MAN 20 13:31:17,12.66N:120.26E,h39km,mb4.3,ML3.1,MS2.9, Mindoro

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

ISCJB 20 13:57:33.1-0.8,18.8S:0.2-177.5W:0.2,h57km,15km, mb3.7/4, Error ellipse: s-maj=33.6km s-min=14.7km az=145.7

ISC 20 13:57:34.1-1.9,18.28S:177.87W,h552km,27km,mb3.0/3, mb1 3.2/4, mb1mx2.9/17, mbtmp3.1/4, Error ellipse: s-maj=126.1km s-min=18.8km az=144.0

NEIC 20 13:57:34.3-1.0,18.66S:177.54W,h573km,12km,mb4.2/1, Error ellipse: s-maj=29.9km s-min=17.7km az=134.0

ISC 20 13:57:33.8-0.8,18.7S:0.2-177.5W:0.2,h57km,14km, n14, c0888/12, mb3.7/4, Fiji Islands region

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

ISC 20 14:05:32.8-1.5,10.90S:161.90E,h0km,mb3.7/7, mb1 3.9/8, mb1mx3.8/19, mbtmp3.8/8, ML4.5/1, MS3.3/6, Ms1 3.3/6, ms1mx3.0/29, Error ellipse: s-maj=39.6km s-min=29.5km az=144.0

NEIC 20 14:05:34.6-0.9,10.89S:161.84E,h10km,mb3.9/1, Error ellipse: s-maj=22.7km s-min=16.6km az=145.0

ISCJB 20 14:05:38.3-3.8,10.8S:0.1-161.7E:0.2,h46km,29km, mb3.7/8, MS3.3/4, Error ellipse: s-maj=31.0km s-min=20.5km az=23.6

ISC 20 14:05:39.4-3.9,10.7S:0.1-161.7E:0.2,h37km,30km,n18, c093/15, mb3.7/8, MS3.3/4, Bougainville - Solomon Islands region

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

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

NIED 20 14:16:00.36,20N,141.90E,h26km,Mw4.3 Best double couple: M<3.02000:1015 NP1.0s14.00000:0.860.00000:1.860.00000: NP2.0s203.00000:0.830.00000:1.980.00000:

NEIC Recorded [1 JMA] in Fukushima, Ibaraki and Tochigi. ISCJB 20 14:16:23.9,0.3,36.23N,0.03:141.92E,0.04,h33km,mb4.5/54,MS3.8/24, Error ellipse: s-maj=4.4km s-min=4.0km az=24.7

JMA 20 14:16:23.4,0.2,36.21N,141.89E,h58km,5km,M4.6 JMA Felt 1 J1

ISC 20 14:16:26.0,0.3,36.20N,141.86E,0.04,h35km,(h11km,9.2km;pP-P),n119,191,191/140,mb4.5/54,MS3.8/24,13C-8D, Near east coast of eastern Honshu

Main table of station data for the 20d 14h period, listing station codes, names, and various parameters.

Main table of station data for the 2008 JUL period, listing station codes, names, and various parameters.

Main table of station data for the 916 period, listing station codes, names, and various parameters.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like Collm, PRU, KHC, GRF, etc.

WEL 20 14:23:30.6,0.1, 41.32S:174.17E, h42km, 1km, ML3.5/13, 3C-6D, Error ellipse: s-maj=1.2km s-min=1.1km az=0.0, Cook Strait

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

IDC 20 14:23:36.9, 1.9, 9.84N:126.50E, h0km, mb3.7/4, mb1 3.8/4, mb1mx3.5/21, mbtmp3.7/4, Error ellipse: s-maj=207.3km s-min=29.5km az=70.0

ISCJB 20 14:23:46.2, 4.1, 9.61N:0.2x126.2E:0.3, h85km, 37km, mb3.6/4, Error ellipse: s-maj=49.7km s-min=19.7km az=14.7

ISC 20 14:23:47.3, 3.9, 9.6N:0.2, 126.2E:0.3, h80km, 35km, n6, o=83/8, mb3.6/4, C1, Mindanao

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

ISCJB 20 14:34:30.0, 0.5, 49.90N:0.04:18.49E:0.03, h0km, Error ellipse: s-maj=5.1km s-min=3.1km az=4.1

CSEM 20 14:34:30.6, 0.2, 49.91N:18.51E, h1km, ML2.5/7, Error ellipse: s-maj=3.5km s-min=2.1km az=10.0, Mining explosion.

IPEC 20 14:34:30.7, 0.2, 49.87N:18.58E, h2km, 1km, ML1.4/4, Error ellipse: s-maj=1.8km s-min=1.1km az=165.0

PRU 20 14:34:32.3, 49.90N:18.44E, h0km, Explosion-mine Lazy Mining explosion.

ISC 20 14:34:30.9, 0.5, 49.90N:0.04:18.50E:0.03, h0km, n21, o=156/35, Czech and Slovak Republics

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

IDC 20 14:55:11.7, 1.4, 32.13N:104.79E, h0km, mb3.3/2, mb1 3.4/4, mb1mx3.2/24, mbtmp3.3/4, ML3.0/2, MS3.2/1, Ms1 3.2/1, ms1mx2.5/16, Error ellipse: s-maj=44.2km

s-min=25.5km az=60.0 BJI 20 14:55:15.1, 32.43N:104.94E, h14km, ML3.0/8

ISC 20 14:55:12.3, 2.1, 32.20N:0.07:105.01E:0.07, h1km, 12km, n8, o=97/710, mb3.3/2, Sichuan

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

WEL 20 15:13:25.8, 0.5, 39.30S:174.83E, h182km, 3km, ML3.5/8, 1D, Error ellipse: s-maj=4.4km s-min=3.8km az=90.0, North Island

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

NIED 20 15:15:00, 45.40N:151.40E, h17km, Mw3.7 Best double couple: Ms3.92000:1014 NP1.0:16.00000:0.50, 00000:0.7, 68.00000: NP2.0:228.00000:0.45, 00000:0.7, 114.00000:0.7

MOS 20 15:15:21.2, 1.4, 44.99N:151.59E, h37km, mb4.0/1, Error ellipse: s-maj=19.8km s-min=16.5km az=147.8

JMA 20 15:15:22.4, 0.7, 45.38N:151.37E, h30km, M3.9

IDC 20 15:15:24.0, 6.1, 44.99N:151.59E, h37km, 35km, mb3.6/4, mb1 3.5/7, mb1mx3.3/25, mbtmp3.5/7, ML3.1/2, MS2.7/2, Ms1 2.7/2, ms1mx2.2/37, Error ellipse: s-maj=122.1km s-min=73.6km az=139.0

NEIC 20 15:15:24.8, 2.7, 45.11N:151.34E, h36km, 22km, mb3.9/1, Error ellipse: s-maj=90.0km s-min=14.1km az=133.0

ISCJB 20 15:15:26.0, 1.5, 44.56N:0.1x151.3E:0.1, h90km, 13km, mb3.6/5, Error ellipse: s-maj=18.1km s-min=13.2km az=147.1

ISC 20 15:15:26.6, 1.5, 44.6N:0.1x151.4E:0.1, h75km, 14km, n34, o=115/40, mb3.6/5, East of Kuril Islands

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

NOA NORSAR Array B 69.84 341 P P 15 26 28.3 -0.3 BRTR Keskin Array B 79.09 316 P P 15 27 25.5 -2.9

IDC 20 15:19:33.0, 1.5, 6.42S:151.42E, h0km, mb3.8/6, mb1 4.0/6, mb1mx3.7/16, mbtmp3.8/6, MS3.1/2, Ms1 3.1/2, ms1mx2.5/19, Error ellipse: s-maj=62.1km s-min=22.8km az=112.0

ISCJB 20 15:19:38.7, 4.1, 6.5S:0.2:151.3E:0.3, h52km, 33km, mb3.9/10, MS2.9/2, Error ellipse: s-maj=43.0km s-min=23.0km az=17.4

NEIC 20 15:19:40.2, 3.0, 6.47S:151.34E, h54km, 25km, mb4.1/4, Error ellipse: s-maj=29.6km s-min=16.3km az=107.0

ISC 20 15:19:40.2, 3.9, 6.45S:0.2:151.3E:0.3, h51km, 32km, n15, o=92/14, mb3.9/10, MS2.9/2, New Britain region

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

CSEM 20 15:20:35.0, 0.3, 28.12N:57.61E, h2km, ML3.6, Error ellipse: s-maj=9.7km s-min=5.7km az=146.0, Southern Iran

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

CASC 20 15:28:58.3, 1.3, 13.11N:90.02W, h20km, 10km, MD3.5, Near coast of Guatemala

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

ISCJB 20 15:32:24.2, 0.3, 55.77N:0.03:161.23E:0.06, h162km, 1km, mb3.7/22, Error ellipse: s-maj=6.2km s-min=4.8km az=35.0

MOS 20 15:32:24.1, 0.9, 55.87N:161.05E, h160km, mb4.3/6, Error ellipse: s-maj=15.1km s-min=8.1km az=79.7

KRSC 20 15:32:24.0, 1.1, 55.89N:161.33E, h157km, 36km, ML4.4

NEIC 20 15:32:25.0, 0.1, 55.89N:160.96E, h160km, 9km, mb4.3/5, Error ellipse: s-maj=10.0km s-min=7.0km az=157.0

IDC 20 15:32:26.3, 2.2, 55.89N:160.89E, h161km, 22km, mb3.4/19, mb1 3.6/21, mb1mx3.6/21, mbtmp3.5/21, Error ellipse: s-maj=15.6km s-min=10.2km az=155.0

ISC 20 15:32:25.3, 0.3, 55.75N:0.03:161.21E:0.07, h158km, 1km, n74, o=99/92, mb3.7/22, 2C-1D, Near east coast of Kamchatka Peninsula

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MAN 20 15:47:51, 13:40N, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DJA 20 15:58:59, 8:15S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DJA 20 16:00:29, 0:09S, etc.

TRN 20 16:31:33, 1, 16:34N, 61:77W, h17km, MD3.7
TRN Feit Ji, Guelph, Ontario
ISCJB 20 16:31:33, 0.5, 16:30N, 0:03, 61:77W, 0.05, h8km, 4km,
Error ellipse: s-maj=9.1km s-min=2.8km az=152.3
NEIC 20 16:31:35, 1, 16:39N, 61:55W, h35km, MD3.7(TRN), After TRN.
RSPR 20 16:31:37, 0, 16:30N, 61:82W, h48km, 28km, MD4.0/4
ISC 20 16:31:38, 0.4, 16:30N, 0:03, 61:73W, 0.05, h11km, 3km,
n42, c0:75/60, 14C-10D, Leeward Islands

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

GUC 20 16:44:34, 9.0, 6, 34:77S, 70:24W, h16km, 2km, MD4.2,
ML3.9
ISCJB 20 16:44:36, 4.0, 7, 34:72S, 0:03, 70:29W, 0.0, h10km,
mb3.3/2, MS3.7/2, Error ellipse: s-maj=8.0km s-min=3.3km
az=16.1
IDC 20 16:44:38, 3.1, 1, 34:62S, 70:66W, h0km, mb3.6/3,
mb1.4/0.6, mb1mx3.9/15, mbmp3.7/6, ML3.8/3, MS3.6/3,
M51.3.5/3, mx3.0/17, Error ellipse: s-maj=33.3km
s-min=15.7km az=113.0
NEIC 20 16:44:43, 4.1, 7, 34:133S, 70:56W, h35km, 17km, Error
ellipse: s-maj=32.4km s-min=12.3km az=108.0
ISC 20 16:44:35, 8.0, 6, 34:72S, 70:23W, 0.06, h10km, n32,
c1513/43, mb3.3/2, MS3.7/2, 6C-4D, Chile-Argentina
border region

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

MKAR Makanchi Array 156.07 51 PKPab PKPab 17 05 00.5 +2.9
comp=E,0.2nm,0.2s,baz=48,slow=2.1,SNR=2.3

NEIC 20 17:01:30, 8, 58:34N, 133:53W, h1km, ML2.8(PGC),
ML2.7(AEIC), After PGC.
PGC 20 17:01:30, 8.5, 5, 58:34N, 133:53W, h1km, ML2.8/4, 6D,
52km east of Juneau, Ak Southeastern Alaska,
Southern Alaska

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

ISCJB 20 17:03:47, 5.0, 9, 21:1N, 0:1, 38:17E, 0.06, h10km, Error
ellipse: s-maj=18.5km s-min=4.3km az=20.9
CSEM 20 17:03:48, 1.0, 0.4, 21:13N, 38:22E, h2km, ML3.3, Error
ellipse: s-maj=17.3km s-min=3.7km az=22.0
SGS 20 17:03:51, 1, 20:77N, 38:19E, h30km
HLW 20 17:03:52, 6, 21:27N, 38:03E, h14km, 21km, Md3.4, M13.4
ISC 20 17:03:49, 0.9, 2, 21:1N, 0:1, 38:21E, 0.06, h10km, n26,
c0:93/30, Red Sea

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

DDA 20 17:04:02, 2, 38:35N, 39:55E, h5km, 2km, Md3.4
ISK 20 17:04:02, 4, 38:34N, 39:56E, h5km, MD3.4
ISCJB 20 17:04:03, 0.3, 38:33N, 0:02, 39:54E, 0.03, h10km, Error
ellipse: s-maj=3.4km s-min=2.9km az=6.9
CSEM 20 17:04:03, 2.0, 2, 38:35N, 39:55E, h2km, MD3.4, Error
ellipse: s-maj=3.9km s-min=3.1km az=156.0
ISC 20 17:04:03, 3.0, 6, 38:34N, 0:02, 39:58E, 0.03, h1km, 5km,
n1, c0:83/71, Turkey

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

20d 19h

ISC 20 18:15.8:1.8,36.21N:0.03:141.91E:0.08,h18km,13km, n18,c075/28,mb3.4/3,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time Res, ISC, h m s, ISC. Lists stations like CHOU, CHOU, JHO, Hitachi, ONAJ, etc.

MEX 20 18:19:27.9:0.4,19.50N:100.34W,h5km,MD3.6, Michoacan. Table with columns: Code, Station Name, Az, Phase, ID, Time Res, ISC, h m s, ISC.

NIED 20 18:21:00,20.80N,121.50E,h38km,Mw4.5 Best double couple: Ms=5.700x1015 NP1=43.00000,890.00000,7.101.00000...

Table with columns: Code, Station Name, Az, Phase, ID, Time Res, ISC, h m s, ISC. Lists stations like TSEB, TWK1, HEN, etc.

2008 JUL

MAJO Matusushiro 21.43 41 P P 18 25 54.9+1.6. Table with columns: Code, Station Name, Az, Phase, ID, Time Res, ISC, h m s, ISC.

CASC 20 18:38:49.1:2.2,11.84N:88.83W,h38km,999km,MD3.9, ML3.0,Off coast of central America

Table with columns: Code, Station Name, Az, Phase, ID, Time Res, ISC, h m s, ISC. Lists stations like BCLM, BLNH, SNI, etc.

IDC 20 19:04:53.5:2.0,6.72S:128.11E,h0km,mb3.8/3, mb1.4,1/4,mb1mx3.7/17,mbtrm3.9/4,ML4.3/1,Error ellipse: s-maj=122.2km s-min=34.5km az=63.0

ISCJB 20 19:05:09.8:0.7,7.71S:107.127,10E:0.05,h170km,11km, mb3.6/3,Error ellipse: s-maj=10.7km s-min=8.0km az=177.3

DJA 20 19:05:09,7.76S:127.21E,h30km,mb4.8/6, ISC 20 19:05:10.8:0.7,7.84S:107.127,22E:0.05,h175km,9km, n12,c087/16,mb3.6/3,Banda Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time Res, ISC, h m s, ISC. Lists stations like MMR1, TLE, WSI, etc.

DDA 20 19:12:54.5,38.98N:24.79E,h6km,MI4.0, ISCJB 20 19:12:55.0:0.7,38.89N:0.01:24.92E:0.01,h7km,5km, mb3.5/7,Error ellipse: s-maj=2.4km s-min=1.9km az=163.7

ISK 20 19:12:55.9,38.89N:24.85E,h21km,MD3.8,ML3.9 CSEM 20 19:12:56.7,0.1,38.88N:24.91E,h10km,ML4.5/19,Error ellipse: s-maj=1.8km s-min=1.4km az=170.0

ATH 20 19:12:57.3,38.86N:24.91E,h42km,2km,MD3.8/20, ML4.0

NEIC 20 19:12:57.0:0.2,38.87N:24.88E,h10km,ML4.0(ATH), Error ellipse: s-maj=3.8km s-min=3.3km az=109.0

THE 20 19:12:57.2,38.87N:24.92E,h10km,1km,ML4.5/19,Error ellipse: s-maj=1.3km s-min=0.5km az=110.0

IDC 20 19:13:02.0:5.4,39.11N:24.99E,h28km,40km,mb3.4/7, mb1.3/8,mb1mx3.3/26,mbtrm3.5/8,ML3.6/1,MS2.7/2, Ms1.2/72,ms1mx2.3/31,Error ellipse: s-maj=48.6km

Table with columns: Code, Station Name, Az, Phase, ID, Time Res, ISC, h m s, ISC. Lists stations like SIGR, AOS, CHOS, etc.

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

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like THL Klokotos Trika, LAKA Lakka, KRBG Karabiga-Canak, etc.

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ISP Isparta, IBS Isparta, BARS Barje, etc.

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NEO Neokhori, XOR Xorichti, XOR Xorichti, etc.

NEIC 20 19:29:18.4, 40:11:15:04E, h68km, ML4.1 (WEL), After WEL

WEL 20 19:29:18.4±0.1, 40:11:15:04E, h67km±2km, ML4.1/21, 5D, Error ellipse: s-maj=0.9km s-min=0.5km az=90.0, Intensity MM 4, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WAZ Wanganui, WAZ Wanganui, POWZ Post Office Ro, etc.

ISC/JB 20 19:26:28.0±0.4, 38:86N±0.03±24.87E±0.03, h10km, Error ellipse: s-maj=4.2km s-min=3.0km az=162.0

CSEM 20 19:26:27.5±0.1, 38:85N±24.86E, h2km, ML2.9/8, Error ellipse: s-maj=3.4km s-min=2.2km az=163.0

ATH 20 19:26:27.7, 38.86N±24.89E, h4km, ML2.9/6, ML2.4

THE 20 19:26:28.3, 39.0N±24.87E, h3km±1km, ML2.9/8, Error ellipse: s-maj=1.5km s-min=0.4km az=80.0

ISC 20 19:26:27.9±0.5, 38.85N±0.03±24.86E±0.03, h7km±6km, n39, c079/60, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AOS Alonnisos, SIGR SIGRI, CHOS Chios island, etc.

CASC 20 19:30:13.0±1.7, 8:91N±82.86W, h13km±7km, MD3.6, 1C-1D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WAZ Wanganui, WAZ Wanganui, POWZ Post Office Ro, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like IDC 20:21:09, ASAR Alice Springs, ILAR Eilsos Array, MKAR Makanchi Array.

IDC 20:21:13:34.7.0.6, 3.82S, 150.89E, h0km, mb4.6/17, mb1.4/7.19, mb1mx4.7/21, mbtmp4.6/19, ML4.9/22, MS5.0/22, Ms1.5/0.22, ms1mx4.8/28, Error ellipse: s-maj=25.3km s-min=14.1km az=100.0.

IS/CJB 20:21:13:35.0.1.0, 3.75S, 150.92E, 0.04, h10km, 5km, mb5.0/93, MS5.1/48, Error ellipse: s-maj=6.2km s-min=4.8km az=8.5.

NEIC 20:21:13:36.3.0.2, 3.79S, 150.90E, h10km, mb5.3/48, MS5.1/8, MW5.5, Error ellipse: s-maj=7.2km s-min=4.7km az=107.0, Moment Tensor Solution, s20 Moment tensor: Scale 10^17Nm, Mro:48, Mw:1.49, Mw-1.97, Mw:0.21, Mw:0.63, Mw:0.11, Best double couple: M1:9.00000e+10, NP1:1.25, 0.00000, s81.00000, s7.00000, NP2: 0.34, 0.00000, s83.00000, s171.00000, Principal axes: T 1.6500, Plg1:1.0000, Azm349.0000, N 0.4400, Plg78.0000, Azm178.0000, P -2.0800, Plg1.0000, Azm80.0000.

BUI 20:21:13:36.4.3.54S, 151.32E, h22km, mb5.2/31, mb4.9/45, Ms5.4/42, Ms7.5/140

MOS 20:21:13:38.1.1.1, 3.78S, 150.88E, h33km, mb5.4/24, MS5.0/9, Error ellipse: s-maj=12.6km s-min=7.0km az=90.9.

GCMT 20:21:13:39.8.0.1, 3.80S, 150.98E, h12km, MW5.5, Moment Tensor Solution, s89.051, s22.624, Scale 10^17Nm, Mro:0.18, 0.3; Mw:2.48, 0.3; Mw:2.30, 0.3; Mw:0.14, 0.7; Mw:0.32, 0.3; Mw:0.10, 0.8; Best double couple: M2:4.0000e+10, NP1:1.25, 0.00000, s86.00000, s-180.00000, NP2:1.31, 0.00000, s89.00000, s-4.00000, Principal axes: T 2.5100, Plg3.0000, Azm176.0000, N -0.1800, Plg6.0000, Azm310.0000, P -2.3300, Plg3.0000, Azm86.0000, Data Used: IIU IC G CN. Surface waves: sta= 98, comp=189, per= 50.

DJA 20:21:13:52.4.06S, 150.67E, h140km, mb5.2/11

ISC 20:21:13:39.6.1.1, 3.80S, 150.91E, 0.04, h30km, 7km, h31km, 1.9km, P, n210, e13/10/209, mb5.0/92, MS5.1/48, 11C-SD, New Ireland region

Main station list table for the first column, including stations like Port Moresby, Blak, Charters Tower, Tual, Guam, Yuzh-Kuril'sk, etc.

Main station list table for the second column, including stations like Nonsavu, BKSJ Bulukumba, BNSI Bone, WSI Waingapu, SPSI Sidrap Palu, PNCI Palu, CNB Canberra Magne, TOO Toolangi, FORT Forrest, MBWA Marble Bar, etc.

Main station list table for the third column, including stations like Changchun, Khabarovsk, Beijing, Kunming, Xian, Kul'dur, etc.

Table with columns for station name, coordinates, and various data points. Includes stations like JTH Tanohata, JAH Hinai, JIW Iwasaki, etc.

Table with columns for station name, coordinates, and various data points. Includes stations like UGL comp=Z,202nm,0.7s,mb5.8, UGL comp=N,2um,7.0s, etc.

Table with columns for station name, coordinates, and various data points. Includes stations like CLNS comp=Z,64nm,0.7s,mb5.2, CLNS comp=N,51nm,0.8s, etc.

| | | | | | |
|-------|----------------|-----------|------|-----|-----------------|
| PMG | Port Moresby | 37.66 168 | eScP | ScP | 21 42 07.8 -1.5 |
| AMKA | Amchitka | 37.90 41 | eP | P | 21 37 06.0 +1.2 |
| BKSI | Bulukumba | 37.95 213 | P | P | 21 37 03.3 +1.6 |
| KBKI | Kotabaru | 38.32 220 | P | P | 21 37 10.1 +1.3 |
| CHG | Chiang Mai | 38.34 266 | iP | P | 21 37 08.8 -0.1 |
| CHTO | Chiang Mai | 38.34 266 | eP | P | 21 37 08.3 -0.6 |
| CHTO | Chiang Mai | 38.34 266 | eP | P | 21 37 08.3 -0.6 |
| CHTO | Chiang Mai | 38.34 266 | eP | P | 21 37 08.3 -0.6 |
| CHTO | Chiang Mai | 38.34 266 | eP | P | 21 37 08.8 -0.1 |
| CHTO | Chiang Mai | 38.34 266 | eP | P | 21 37 09.7 +0.8 |
| KSM | Kuching | 38.41 232 | P | P | 21 37 10.5 +1.0 |
| KSM | Kuching | 38.41 232 | eP | P | 21 37 09.4 -0.1 |
| KSM | Kuching | 38.41 232 | eP | P | 21 37 10.8 +1.3 |
| CM31 | Chiang Mai Arr | 38.47 265 | eP | P | 21 37 09.8 -0.2 |
| CM31 | Chiang Mai Arr | 38.47 265 | eP | P | 21 37 12.8 +0.3 |
| CMAR | Chiang Mai Arr | 38.47 265 | eP | P | 21 39 10.7 -0.3 |
| CMAR | Chiang Mai Arr | 38.47 265 | eP | P | 21 42 12.6 +0.1 |
| CMAR | Chiang Mai Arr | 38.47 265 | eP | P | 21 37 10.0 0.0 |
| CMAR | Chiang Mai Arr | 38.47 265 | eP | P | 21 37 09.9 0.0 |
| CMAR | Chiang Mai Arr | 38.47 265 | eP | P | 21 39 10.7 -0.3 |
| CMAR | Chiang Mai Arr | 38.47 265 | eP | P | 21 42 08.0 +0.1 |
| CMAR | Chiang Mai Arr | 38.47 265 | eP | P | 21 37 11.9 +0.6 |
| CMAR | Chiang Mai Arr | 38.47 265 | eP | P | 21 37 13.0 -0.3 |
| MMRI | Maumere | 39.95 208 | P | P | 21 37 22.9 +1.0 |
| KAKA | Kakadu | 40.85 31 | eP | P | 21 37 28.5 -0.6 |
| KAKA | Kakadu | 40.85 31 | eP | P | 21 39 19.0 |
| KAKA | Kakadu | 40.85 31 | eP | P | 21 37 28.7 -0.5 |
| KAKA | Kakadu | 40.85 31 | eP | P | 21 39 18.4 -0.1 |
| KAKA | Kakadu | 40.85 31 | eP | P | 21 42 20.0 -1.7 |
| KAKA | Kakadu | 40.85 31 | eP | P | 21 43 03.6 -1.3 |
| KTGM | Kuala Trenggan | 41.29 244 | P | P | 21 37 34.5 +1.7 |
| COEN | Coen | 41.62 175 | eP | P | 21 37 35.4 +0.3 |
| COEN | Coen | 41.62 175 | eP | P | 21 39 19.8 -1.3 |
| COEN | Coen | 41.62 175 | eP | P | 21 43 15.2 -0.7 |
| COEN | Coen | 41.62 175 | eP | P | 21 37 35.6 +0.4 |
| HNR | Honiarra | 41.86 149 | P | P | 21 37 37.9 +0.8 |
| ATKA | Atka Island | 41.97 42 | eP | P | 21 37 37.2 -0.4 |
| LSA | Lhasa | 42.37 285 | eP | P | 21 37 42.3 +1.2 |
| LSA | Lhasa | 42.37 285 | eP | P | 21 39 22.0 |
| LSA | Lhasa | 42.37 285 | eP | P | 21 37 42.3 +1.2 |
| LSA | Lhasa | 42.37 285 | eP | P | 21 39 22.0 -1.6 |
| LSA | Lhasa | 42.37 285 | eP | P | 21 42 27.8 +0.1 |
| SHL | Shillong | 42.58 278 | eP | P | 21 37 42.5 -0.3 |
| SHL | Shillong | 42.58 278 | eP | P | 21 43 29.0 -0.8 |
| SRBI | Singaraja | 42.80 217 | P | P | 21 37 46.7 +2.1 |
| MYKOM | Kota Tinggi | 42.93 239 | P | P | 21 37 47.8 +2.2 |
| KGM | Kluang | 43.19 240 | P | P | 21 37 49.4 +1.6 |
| KULM | Kulim | 43.31 246 | P | P | 21 37 49.3 +0.7 |
| KULM | Kulim | 43.31 246 | eP | P | 21 37 48.7 -0.0 |
| KULM | Kulim | 43.31 246 | eP | P | 21 39 26.6 -0.3 |
| BILL | Bilibino | 43.31 141 | iP | P | 21 37 48.0 +0.1 |
| BILL | Bilibino | 43.31 141 | iP | P | 21 39 40.6 |
| BILL | Bilibino | 43.31 141 | iP | P | 21 43 39.9 +0.2 |
| BILL | Bilibino | 43.31 141 | iP | P | 21 37 48.0 +0.1 |
| BILL | Bilibino | 43.31 141 | iP | P | 21 39 40.6 +1.5 |
| BILL | Bilibino | 43.31 141 | iP | P | 21 43 39.3 +0.3 |
| IPM | Ipong | 43.48 245 | P | P | 21 37 50.9 +0.9 |
| FRIM | Kepong | 43.75 243 | P | P | 21 37 53.5 +1.4 |
| TIXI | Tiksi | 44.33 355 | iP | P | 21 37 55.2 -0.5 |
| TIXI | Tiksi | 44.33 355 | iP | P | 21 39 49.5 |
| TIXI | Tiksi | 44.33 355 | iP | P | 21 43 51.4 -2.0 |
| TIXI | Tiksi | 44.33 355 | iP | P | 21 46 40.0 +2.4 |
| TIXI | Tiksi | 44.33 355 | iP | P | 21 46 52.5 |
| TIXI | Tiksi | 44.33 355 | iP | P | 21 37 55.1 -0.7 |
| TIXI | Tiksi | 44.33 355 | iP | P | 21 39 23.3 -3.0 |
| TIXI | Tiksi | 44.33 355 | iP | P | 21 39 41.7 +1.4 |
| TIXI | Tiksi | 44.33 355 | iP | P | 21 43 52.5 -1.0 |
| WMQ | Urumqi | 44.39 305 | P | P | 21 37 56.6 0.0 |
| WMQ | Urumqi | 44.39 305 | P | P | 21 39 29.3 +2.1 |
| WMQ | Urumqi | 44.39 305 | P | P | 21 39 30.6 +0.4 |
| WMQ | Urumqi | 44.39 305 | P | P | 21 39 49.6 +0.3 |
| WMQ | Urumqi | 44.39 305 | P | P | 21 40 22.6 +0.9 |
| WMQ | Urumqi | 44.39 305 | P | P | 21 43 54.4 -0.7 |
| WMQ | Urumqi | 44.39 305 | P | P | 21 46 56.8 -3.7 |
| WMQ | Urumqi | 44.39 305 | P | P | 21 47 18.6 -5.9 |
| WMQ | Urumqi | 44.39 305 | P | P | 21 39 30.0 +2.2 |
| WMQ | Urumqi | 44.39 305 | P | P | 21 38 18.5 +1.2 |
| SPIA | Saint Paul Isl | 45.68 36 | eP | P | 21 38 07.4 +1.0 |
| TAPN | Taplejung | 46.86 282 | eP | P | 21 38 08.7 +0.9 |
| PSI | Prapat | 46.16 245 | P | P | 21 38 10.8 +0.1 |
| PSI | Prapat | 46.16 245 | P | P | 21 39 37.1 +0.1 |
| PSI | Prapat | 46.16 245 | P | P | 21 42 43.1 -0.5 |
| PSI | Prapat | 46.16 245 | P | P | 21 38 10.8 +0.1 |
| PSI | Prapat | 46.16 245 | P | P | 21 39 37.1 +0.1 |
| PSI | Prapat | 46.16 245 | P | P | 21 42 43.1 -0.5 |
| ODAN | Odare | 46.20 282 | eP | P | 21 38 11.4 +0.6 |
| RAMN | Ramite | 46.86 282 | eP | P | 21 38 16.3 +0.4 |
| UNV | Unalaska Valle | 46.88 411 | eP | P | 21 38 14.9 -0.6 |
| UNV | Unalaska Valle | 46.88 411 | eP | P | 21 39 39.0 +2.2 |
| JIRN | Jiri | 47.05 283 | eP | P | 21 38 18.5 +1.2 |
| GUN | Gumba | 47.26 283 | eP | P | 21 38 20.0 +1.1 |
| GAMB | Gambell | 47.50 27 | eP | P | 21 38 20.6 +0.5 |
| ZAAO | Zalesovo Array | 47.53 319 | eP | P | 21 38 19.7 -0.8 |
| ZAAO | Zalesovo Array | 47.53 319 | eP | P | 21 39 40.1 -1.1 |
| ZALV | Zalesovo Beam | 47.53 319 | eP | P | 21 38 19.8 -0.7 |
| ZALV | Zalesovo Beam | 47.53 319 | eP | P | 21 39 40.5 -0.6 |
| ZALV | Zalesovo Beam | 47.53 319 | eP | P | 21 42 47.0 -1.6 |
| ZALV | Zalesovo Beam | 47.53 319 | eP | P | 21 44 35.2 -3.6 |
| ZALV | Zalesovo Beam | 47.53 319 | eP | P | 21 38 19.8 -0.7 |
| ZALV | Zalesovo Beam | 47.53 319 | eP | P | 21 39 40.6 |
| ZALV | Zalesovo Beam | 47.53 319 | eP | P | 21 44 35.2 -3.6 |
| FITZ | Fitzroy Crossi | 47.59 198 | eP | P | 21 38 21.1 -0.3 |
| FITZ | Fitzroy Crossi | 47.59 198 | eP | P | 21 39 43.0 +1.1 |

| | | | | | |
|------|-----------------|-----------|----|---|-----------------|
| FITZ | Fitzroy Crossi | 47.59 198 | eS | P | 21 44 39.3 -1.2 |
| FITZ | Fitzroy Crossi | 47.59 198 | eS | P | 21 38 21.1 -0.3 |
| FITZ | Fitzroy Crossi | 47.59 198 | eS | P | 21 39 42.6 +0.8 |
| FITZ | Fitzroy Crossi | 47.59 198 | eS | P | 21 38 21.2 -0.2 |
| FITZ | Fitzroy Crossi | 47.59 198 | eS | P | 21 39 41.9 0.0 |
| FITZ | Fitzroy Crossi | 47.59 198 | eS | P | 21 40 18.6 -0.4 |
| WRAB | Tennant Creek | 47.71 187 | P | P | 21 38 21.0 -1.2 |
| WRAB | Tennant Creek | 47.71 187 | eP | P | 21 38 20.7 -1.5 |
| WRAB | Tennant Creek | 47.71 187 | eP | P | 21 39 42.1 |
| WRAB | Tennant Creek | 47.71 187 | eP | P | 21 39 54.6 0.0 |
| WRAB | Tennant Creek | 47.71 187 | eP | P | 21 44 35.5 -6.5 |
| WRAB | Tennant Creek | 47.71 187 | eP | P | 21 38 20.7 -1.5 |
| WRAB | Tennant Creek | 47.71 187 | eP | P | 21 39 42.0 -0.2 |
| WRAB | Tennant Creek | 47.71 187 | eP | P | 21 39 54.6 0.0 |
| WRAB | Tennant Creek | 47.71 187 | eP | P | 21 39 43.0 +0.8 |
| WRA | Warramunga Arr | 47.72 187 | eP | P | 21 38 22.9 +0.4 |
| PKI | Pulchoki | 47.74 283 | eP | P | 21 38 23.5 +1.0 |
| PKIN | Pulchoki | 47.75 283 | eP | P | 21 38 23.5 +0.9 |
| KKO | Kokoro | 47.80 283 | eP | P | 21 38 23.5 +0.5 |
| JOHN | Johnston Island | 47.96 92 | eP | P | 21 38 24.9 +0.5 |
| DMN | Daman | 48.00 283 | eP | P | 21 38 23.9 -0.5 |
| CTA | Charters Tower | 48.00 172 | eP | P | 21 39 43.1 -0.2 |
| CTA | Charters Tower | 48.00 172 | eP | P | 21 44 46.5 +0.5 |
| CTA | Charters Tower | 48.00 172 | eP | P | 21 38 24.4 +0.1 |
| CTA | Charters Tower | 48.00 172 | eP | P | 21 39 43.6 +0.4 |
| CTA | Charters Tower | 48.00 172 | eP | P | 21 44 44.9 -1.1 |
| CTA | Charters Tower | 48.00 172 | eP | P | 21 38 24.4 +0.1 |
| CTA | Charters Tower | 48.00 172 | eP | P | 21 39 43.6 +0.4 |
| CTA | Charters Tower | 48.00 172 | eP | P | 21 44 44.9 -1.1 |
| CTA | Charters Tower | 48.00 172 | eP | P | 21 38 24.0 -0.4 |
| CTA | Charters Tower | 48.00 172 | eP | P | 21 44 43.3 -2.7 |
| CTA | Charters Tower | 48.00 172 | eP | P | 21 38 24.0 -0.4 |
| CTA | Charters Tower | 48.00 172 | eP | P | 21 39 43.4 +0.1 |
| CTA | Charters Tower | 48.00 172 | eP | P | 21 44 43.3 -2.7 |
| GKN | Gorkha | 48.31 284 | eP | P | 21 38 27.1 +0.4 |
| BOK | Bokaro | 48.31 278 | ex | P | 21 38 29.7 +2.9 |
| BOK | Bokaro | 48.31 278 | ex | P | 21 38 31.6 |
| MK31 | Makanchi Array | 48.34 309 | iP | P | 21 38 26.5 -0.2 |
| MK31 | Makanchi Array | 48.34 309 | iP | P | 21 44 50.5 +0.2 |
| MK31 | Makanchi Array | 48.34 309 | iP | P | 21 38 26.4 -0.2 |
| MK31 | Makanchi Array | 48.34 309 | iP | P | 21 39 43.7 -0.6 |
| MK31 | Makanchi Array | 48.34 309 | iP | P | 21 42 51.1 -1.1 |
| MK31 | Makanchi Array | 48.34 309 | iP | P | 21 44 50.5 +0.2 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 21 38 26.6 -0.1 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 21 39 44.3 0.0 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 21 42 51.4 -0.9 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 21 44 49.2 -1.0 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 22 09 39.5 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 22 15 58.8 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 21 38 26.6 -0.1 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 21 39 44.3 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 21 44 49.3 -1.0 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 21 38 26.6 -0.1 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 21 39 44.3 0.0 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 21 42 51.4 -0.9 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 21 44 49.2 -1.0 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 22 09 39.5 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 22 15 58.8 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 21 38 26.6 -0.1 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 21 39 44.3 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 21 44 49.3 -1.0 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 21 38 26.6 -0.1 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 21 39 44.3 0.0 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 21 42 51.4 -0.9 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 21 44 49.2 -1.0 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 22 09 39.5 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 22 15 58.8 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 21 38 26.6 -0.1 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 21 39 44.3 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 21 44 49.3 -1.0 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 21 38 26.6 -0.1 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 21 39 44.3 0.0 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 21 42 51.4 -0.9 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 21 44 49.2 -1.0 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 22 09 39.5 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 22 15 58.8 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 21 38 26.6 -0.1 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 21 39 44.3 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 21 44 49.3 -1.0 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 21 38 26.6 -0.1 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 21 39 44.3 0.0 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 21 42 51.4 -0.9 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 21 44 49.2 -1.0 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 22 09 39.5 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 22 15 58.8 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 21 38 26.6 -0.1 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 21 39 44.3 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 21 44 49.3 -1.0 |
| MKAR | Makanchi Array | 48.34 309 | iP | P | 21 38 26.6 -0.1 |
| MKAR | Makanchi Array | 48.34 309 | iP | | |

Table with columns for station name, frequency, and various signal quality metrics (e.g., SNR, SNR+1, etc.).

Table with columns for station name, frequency, and various signal quality metrics (e.g., SNR, SNR+1, etc.).

Table with columns for station name, frequency, and various signal quality metrics (e.g., SNR, SNR+1, etc.).

20d 22h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LPAZ La Paz, Paso Flores, LCO Las Campanas, etc.

ISCJB 20 21:34:43.8,0.3,27.89N,0.04:140.23E,0.07, h505km,4km,mb4.3/28, Error ellipse: s-maj=9.7km s-min=5.3km az=170.6

IDC 20 21:34:44.1,0.8,27.89N,140.10E, h490km,7km,mb3.8/11, mb1.3/9.14, mb1mx3.7/24, mbtpm3.8/14, Error ellipse: s-maj=28.7km s-min=12.9km az=44.0

JMA 20 21:34:44.6,0.2,27.96N,140.34E, h503km,4km, M4.5 NEIC 20 21:34:44.8,1.0,27.93N,140.18E, h501km,11km, mb4.4/16, Error ellipse: s-maj=9.7km s-min=6.7km az=86.0

ISC 20 21:34:44.7,0.3,27.92N,0.04:140.22E,0.07, h499km,4km, n67, c096/79, mb4.2/28, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CBJH Chichijima, JMW Kozaga, BSO3 Boso 3, etc.

NEIC 20 21:36:51.0,58.38N,133.50W, h1km, ML2.9(PG/C), ML2.9(AE/C), After PGC

PGC 20 21:36:51.0,19.0,58.38N,133.50W, h1km, ML2.9/4, 3D, 54km east of Juneau, Ak Southeastern Alaska, Southeastern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BESE Bessie Mountain, SKAG Skagway, SIT Sitka, etc.

IDC 20 21:47:16.7,17.0,27.27N,142.02E, h0km,mb4.0/4, mb1.4/0.4, mb1mx3.5/21, mbtpm4.0/4, Error ellipse: s-maj=488.1km s-min=126.2km az=4.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZALV Zalesovo Beam, MKAR Makanchi Array, etc.

ISCJB 20 21:51.38,0.0,5.27,92N,0.04:140.60E,0.2, h522km,8km, mb3.9/9, Error ellipse: s-maj=23.9km s-min=6.4km az=173.5

JMA 20 21:51.38,6.0,3,27.97N,140.67E, h517km,5km, M3.7 IDC 20 21:51:39.21,1.7,27.87N,140.17E, h496km,29km, mb2.9/4, s-maj=88.7km s-min=19.6km az=78.0, Error ellipse: s-maj=88.7km s-min=19.6km az=78.0

NEIC 20 21:51:39.21,1.7,27.96N,140.48E, h514km,13km,mb3.5/6, Error ellipse: s-maj=21.5km s-min=10.2km az=82.0

ISC 20 21:51:39.1,0.5,27.95N,0.05:140.6E,0.2, h514km,8km, n35, c090/43, mb3.3/9, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CBJH Chichijima, JHJH Haha-jima-NKT, etc.

ISCJB 20 21:35:23.8,0.4,39.65N,0.02:26.40E,0.03, h1km,5km,

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRBG Karabiga-Canak, ERIK Eriki-Kesan, GONE Gonen-Balikesi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HNR Honiara, CTA Charters Tower, GUA Guam, etc.

NEIC 20 21:36:51.0,58.38N,133.50W, h1km, ML2.9(PG/C), ML2.9(AE/C), After PGC

PGC 20 21:36:51.0,19.0,58.38N,133.50W, h1km, ML2.9/4, 3D, 54km east of Juneau, Ak Southeastern Alaska, Southeastern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZALV Zalesovo Beam, MKAR Makanchi Array, etc.

IDC 20 21:47:16.7,17.0,27.27N,142.02E, h0km,mb4.0/4, mb1.4/0.4, mb1mx3.5/21, mbtpm4.0/4, Error ellipse: s-maj=488.1km s-min=126.2km az=4.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZALV Zalesovo Beam, MKAR Makanchi Array, etc.

ISCJB 20 21:51.38,0.0,5.27,92N,0.04:140.60E,0.2, h522km,8km, mb3.9/9, Error ellipse: s-maj=23.9km s-min=6.4km az=173.5

JMA 20 21:51.38,6.0,3,27.97N,140.67E, h517km,5km, M3.7 IDC 20 21:51:39.21,1.7,27.87N,140.17E, h496km,29km, mb2.9/4, s-maj=88.7km s-min=19.6km az=78.0, Error ellipse: s-maj=88.7km s-min=19.6km az=78.0

NEIC 20 21:51:39.21,1.7,27.96N,140.48E, h514km,13km,mb3.5/6, Error ellipse: s-maj=21.5km s-min=10.2km az=82.0

ISC 20 21:51:39.1,0.5,27.95N,0.05:140.6E,0.2, h514km,8km, n35, c090/43, mb3.3/9, Bonin Islands region

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

ISCJB 20 21:35:23.8,0.4,39.65N,0.02:26.40E,0.03, h1km,5km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BSO3 Boso 3, BSO4 Boso 4, JIE Ise, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MAJO Matsushiro, MAT Matsushiro, TPUB Ta-pu, etc.

ISCJB 20 22:13:29.4,0.5,3.99S,0.07:151.24E,0.10, h14km, mb3.9/11, MS3.9/6, Error ellipse: s-maj=14.1km s-min=9.6km az=8.0

IDC 20 22:13:31.2,2.0,3.96S,151.17E, h11km,5km,mb3.9/7, mb1.4/0.7, mb1mx3.8/16, mbtpm3.9/7, MS3.9/8, M1.3/8, ms1mx3.7/28, Error ellipse: s-maj=62.7km s-min=23.6km az=12.0

NEIC 20 22:13:32.3,3.8,3.96S,151.19E, h21km,28km, mb4.3/7, Error ellipse: s-maj=12.2km s-min=7.7km az=131.0

ISC 20 22:13:31.9,8.8,4.0S,0.1:151.2E,0.11, h17km,56km, h15km,4km;pp-P,n34, c095/27, mb3.9/11, MS3.9/6, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HNR Honiara, CTA Charters Tower, GUA Guam, etc.

NEIC 20 21:36:51.0,58.38N,133.50W, h1km, ML2.9(PG/C), ML2.9(AE/C), After PGC

PGC 20 21:36:51.0,19.0,58.38N,133.50W, h1km, ML2.9/4, 3D, 54km east of Juneau, Ak Southeastern Alaska, Southeastern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZALV Zalesovo Beam, MKAR Makanchi Array, etc.

IDC 20 21:47:16.7,17.0,27.27N,142.02E, h0km,mb4.0/4, mb1.4/0.4, mb1mx3.5/21, mbtpm4.0/4, Error ellipse: s-maj=488.1km s-min=126.2km az=4.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZALV Zalesovo Beam, MKAR Makanchi Array, etc.

ISCJB 20 21:51.38,0.0,5.27,92N,0.04:140.60E,0.2, h522km,8km, mb3.9/9, Error ellipse: s-maj=23.9km s-min=6.4km az=173.5

JMA 20 21:51.38,6.0,3,27.97N,140.67E, h517km,5km, M3.7 IDC 20 21:51:39.21,1.7,27.87N,140.17E, h496km,29km, mb2.9/4, s-maj=88.7km s-min=19.6km az=78.0, Error ellipse: s-maj=88.7km s-min=19.6km az=78.0

NEIC 20 21:51:39.21,1.7,27.96N,140.48E, h514km,13km,mb3.5/6, Error ellipse: s-maj=21.5km s-min=10.2km az=82.0

ISC 20 21:51:39.1,0.5,27.95N,0.05:140.6E,0.2, h514km,8km, n35, c090/43, mb3.3/9, Bonin Islands region

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

ISCJB 20 21:35:23.8,0.4,39.65N,0.02:26.40E,0.03, h1km,5km,

Table with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like HRT Hereke, SILT Site, ADVT Abdulvahap, etc.

Table with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like ARG Argos, ARG Samos, ARG Samos, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HUIG Huatulco, VHO Vista Hermosa, VHO Pinotepa, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VAY Valandovo, FNA Firina, IDI Anoyia, etc.

THE 21 01:05:58.8, 36:93N:27.60E, h10km, 1km, ML1.1, Error ellipse: s-maj=1.4km s-min=0.4km az=196.0

ATH 21 01:20:16.4, 38:87N:24.85E, h26km, 1km, MD3.3/13, Error ellipse: s-maj=2.9km s-min=1.3km az=158.7

CSEM 21 01:20:18.6, 0.1, 38:87N:24.90E, h30km, ML2.8, Error ellipse: s-maj=1.7km s-min=1.3km az=151.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BDRM Kayabasi, DAT Data, BODT Bodrum, etc.

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

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

21d 2h

Table with columns: SMF, Signal de Mont, 8.24, 22, Pn, Pn, 02 32 02.4 -0.2, 02 33 31.1 -4.8, etc.

ISCJB 21 02:39:21.4±0.3, 32.36N±0.02±16.19W±0.04, h10km, Error ellipse: s-maj=4.3km s-min=2.8km az=4.2

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

2008 JUL

Main table with columns: PMAIR, Madeira, 0.66 305 eS, Sg, 02 39 43.8 -1.2, etc.

940

Table with columns: PTEO, Sao Teotonio, 8.07 48 P, S, Sn, 02 42 42.0 -1.0, etc.

CASC 21 02:40:36.6±1.1, 11.91N±88.32W, h20km±6km, MD3.8, ML3.1, Off coast of central America

21d 3h

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes entries like W18A Petrified Fore, JFW5 Jewell Farm, etc.

2008 JUL

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes entries like U14A Mt Trumbull, N24A Carr, R18A Canyonlands Na, etc.

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Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes entries like DUG Dugway, DUG Dugway, DUG Dugway, etc.

Table with columns: ID, Name, RA, Dec, Az, El, SNR, and other parameters. Rows include stations like Atlanta, MacKenzie Ranc, MFID, etc.

Table with columns: BRVK, Name, RA, Dec, Az, El, SNR, and other parameters. Rows include stations like Borovoye, Borovoye Array, etc.

Table with columns: Code, Station Name, RA, Dec, Az, El, SNR, and other parameters. Rows include stations like Universidad de, Finca Las Perla, etc.

ISC 21 03:10:31.1... 0.1064N... 0.03:85.75W... 0.03:h51km3,2km, h70km±1.4kmpp-P-P, n112, ±104/127, mb4.2, mb4.2, MS3.8/14, 1C-19D, Costa Rica

ISC 21 03:10:31.1... 0.1064N... 0.03:85.75W... 0.03:h51km3,2km, h70km±1.4kmpp-P-P, n112, ±104/127, mb4.2, mb4.2, MS3.8/14, 1C-19D, Costa Rica

21d 3h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PDAR Pinedale Array, HWUT Hardware Ranch, REDW Red Top Meadow, etc.

KRSC 21 03:21.0:24.7:0.7, 55.95N, 160.96E, h161km, 21km, ML3.7, Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZLN Zelenaya, CIRR Zsirak, BZMR Bezymyannaya, etc.

THR 21 03:20:24.9:0.6, 35.74N, 48.93E, h14km, 7km, ML3.5
ISCJB 21 03:20:26.2:0.3, 35.83N, 0.03:48.90E:0.03, h10km, Error
CSEM 21 03:20:26.1:0.2, 35.80N, 48.94E, h2km, ML3.5, Error
TEH 21 03:20:28.9:35.82N, 48.89E, h2km
ISC 21 03:20:27.3:0.9, 35.82N, 0.04:48.89E:0.04, h11km, 8km, n7.5, 0.98/92, Western Iran

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZNIK Zanjan, IRAZ Razeghan, IMHD Mahdasht, etc.

2008 JUL

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ISRB Sarab, IAFJ Afjeh, IGHG Ghalghehzi, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KBL Kabul, AML Uchtor, EKS2 Erkin-Say, etc.

ISCJB 21 03:43:31.9:1.0, 24.30S, 0.05:67.1W:0.1, h163km, 19km, mb4.2/2, Error ellipse: s-maj=19.8km s-min=8.0km az=4.7

IDC 21 03:43:31.6:1.8, 24.32S:66.88W, h142km, 20km, mb3.6/1, mb1 3.3/3, mb1mx3.1/15, mbtpr3.3/3, Error ellipse: s-maj=54.0km s-min=13.5km az=97.0

NEIC 21 03:43:32.4:0.9, 24.27S:67.03W, h156km, 13km, Error ellipse: s-maj=20.8km s-min=10.3km az=105.0

GUC 21 03:43:36.4:0.9, 23.93S:67.57W, h20km
ISC 21 03:43:31.9:0.9, 24.30S:0.05:67.1W:0.1, h150km, 18km, n16, +126/24, mb4.2/2, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CEN1 Los Morros, ANCH Antofagasta, ANCH Antofagasta, etc.

IDC 21 03:48:27.3:11.0, 10.07N, 85.18W, h0km, mb3.7/4, mb1 4.0/4, mb1mx3.7/18, mbtpr3.7/4, MS2.7/1, Ms1 2.7/1, ms1mx2.5/19, Error ellipse: s-maj=242.5km s-min=56.8km az=174.0

ISCJB 21 03:48:40.1:0.4, 10.62N, 0.03:85.80W:0.04, h46km, 5km, mb3.6/4, Error ellipse: s-maj=8.1km s-min=3.6km az=142.6

CASC 21 03:48:40.7:2.5, 10.62N:85.78W, h36km, 12km, MD3.4, ML3.5, mb4 (NEIC)

NEIC 21 03:48:41.2:1.0, 11.01N:85.07W, h44km, 16km, mb4.1/1, Error ellipse: s-maj=27.1km s-min=15.6km az=220.0

ISC 21 03:48:40.6:0.4, 10.61N, 0.03:85.79W:0.04, h43km, 6km, n48, 0.97/70, mb3.6/4, 2C-13D, Costa Rica

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NY14 Universidad de, GBS3 Finca Las Im, LAPC Finca La Perla, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Yanaizu, Katsushina, Matsushiro Arr, etc.

ISCJB 21 06:21:28.9, 0.4, 0.09N, 0.02:32:71'E, 0.04, h10km, Error ellipse: s-maj=4.4km s-min=3.3km az=8.0

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

DJA 21 06:45:46, 1.675x124.08E, h14km, MLV4.0, Southern Molucca Sea

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

ISCJB 21 07:06:10.4, 1.7, 4.9S, 0.1, 150.9E, 0.2, h296km, 15km, mb4.2/11, Error ellipse: s-maj=30.8km s-min=14.3km az=27.9

ICC 21 07:06:10.6, 2.0, 4.87S, 150.94E, h284km, 18km, mb3.8/7, mt 3.9/8, mb1mx3.6/17, mbtm3.8/8, Error ellipse: s-maj=35.6km s-min=10.9km az=119.0

NEIC 21 07:06:10.9, 1.7, 4.78S, 150.86E, h285km, 16km, mb4.4/4, Error ellipse: s-maj=24.6km s-min=13.6km az=119.0

ISC 21 07:06:11.2, 1.4, 4.9S, 0.1, 150.9E, 0.2, h288km, 15km, n24, -0.87/25, mb4.2/11, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Port Moresby, Coen, Charters Tower, etc.

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

NIED 21 07:26:00, 36.20N, 142.10E, h23km, Mw4.3 Best double couple: M0.66000, 0.1015 NP1.9, 8.00000, 863.00000, 1.74, 0.00000, NP2.9, 2.19, 0.00000, 831.00000, 1.18, 0.00000

10C-2D, East coast of Honshu

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

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like HFS Hagfors, NVAR Mina Array Be, NB2 NORFAR Subarra, etc.

IDC 21 07:28:49.2,4,55.38N,85.83E, h0km, mb1 3.4/2, mb1mx3.2/26, mbtmp3.4/22, ML3.4/2, Error ellipse: s-maj=20.4km s-min=6.7km az=27.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ZALV Zalesovo Beam, MKAR Makanchi Array, etc.

ISCJB 21 07:55:40.4,0.6,70.75N,104.142W, h10km, mb3.4/4, Error ellipse: s-maj=9.1km s-min=4.7km az=26.3, IDC 21 07:55:41.8,1.1,70.74N,13.79W, h0km, mb3.5/4, mb1 3.9/10, mb1mx3.6/30, mbtmp3.8/10, ML3.6/4, MS2.9/3, Ms1 3.0/3, ms1mx2.7/30, Error ellipse: s-maj=24.6km s-min=19.4km az=28.0, NEIC 21 07:55:42.9,0.6,70.75N,13.84W, h10km, Error ellipse: s-maj=11.1km s-min=8.8km az=25.0, CSEM 21 07:55:43.0,0.2,70.75N,14.18W, h20km, ML3.8, Error ellipse: s-maj=31.1km s-min=5.3km az=111.0, REY 21 07:55:45.0,70.71N,13.03W, h10km, ML3.8, ML3.1, ISC 21 07:55:43.1,2.1,70.53N,104.142W, h2.17km, ms1km, n36, c097/44, mb3.4/4, Jan Mayen Island region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like JMJC Jan Mayen, ILEI Leirhoif, IGRI Grimsey, etc.

DJA 21 08:20:18,7,155:121.08E, h9km, MLV3.7/4, Flores Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MMRI Maumere, BKSI Bulukumba, WSI Waingapu, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, ISCJB 21 08:56:33.9,4.2,23.73S,0.2,180.0E,0.1, h531km, 54km, mb3.9/12, Error ellipse: s-maj=25.6km s-min=17.8km az=35.2, IDC 21 08:56:33.4,2.6,23.73S,179.91W, h514km,30km, mb3.4/9, mb1 3.6/10, mb1mx3.5/17, mbtmp3.4/10, Error ellipse: s-maj=23.6km s-min=17.0km az=155.0, NEIC 21 08:56:34.3,3.4,23.75S,179.93W, h527km,44km, mb4.0/2, Error ellipse: s-maj=31.6km s-min=14.7km az=183.0, ISC 21 08:56:36.2,4.0,23.9S,0.2,180.0W,0.1, h551km,53km, n20, c097/19, mb3.9/12, South of Fiji Islands

NIED 21 09:01:00,37.80N,142.70E, h26km, Mw5.0 Best double couple: M3.97000x1016 NP1=0.16,00000, d89.00000, 1.89,00000. NP2=0.199,00000, d21.00000, 1.93,00000. BUJ 21 09:01:01.9,37.67N,142.65E, h16km, mb5.0/39, mb5.1/60, Ms4.9/65, Ms7.4/95/5

ISCJB 21 09:01:02.6,0.8,37.74N,102.147W, h10km, mb3.4/4, mb5.0/134, MS4.8/64, Error ellipse: s-maj=4.2km s-min=3.0km az=156.1, IDC 21 09:01:02.6,0.5,37.77N,142.58E, h0km, mb4.6/26, mb1 4.6/31, mb1mx4.6/25, mbtmp4.6/31, ML4.5/4, MS4.5/29, MS1 4.6/29, ms1mx4.4/35, Error ellipse: s-maj=14.0km s-min=11.0km az=114.0, JMA 21 09:01:03.0,0.2,37.72N,142.84E, h28km,3km, M5.2, JMA Felt II J1.

MOS 21 09:01:04.0,0.9,38.02N,142.49E, h11km, mb5.2/58, MS5.0/28, Error ellipse: s-maj=7.6km s-min=4.5km az=108.8, NEIC 21 09:01:04.6,0.2,37.82N,142.56E, h10km, mb5.1/52, MW5.0(NIED), Error ellipse: s-maj=5.1km s-min=3.5km az=143.0, NEIC Recorded [2 JMA] in Fukushima, Iwate and Miyagi; [1 JMA] in Akita, Tohoku and Yamagata.

GCMT 21 09:01:09.3,0.3,37.79N,142.91E, h38km,1km, MW5.0, Moment Tensor Solution, s32,c41: s72,c110; Moment tensor: Scale 10^16Nm; Mr3,632; 22; Ms0-0.62; 13; Mw-3.01; 13; Mo-1.17; 11; Mo-1.20; 07; Mo-2.73; 11; Best double couple: M4.60000x1016 NP1=0.202,00000, d25.00000, 1.89,00000. NP2=0.23,00000, d65.00000, 1.90,00000. Principal axes: T 4.7000, Plg70.0000, Azm294.0000; N -0.1200, Plg0.0000; Azm203.0000; P -4.5800, Plg20.0000; Azm113.0000; Data Used: II IU IC G CN

SZGRF 21 09:01:15.4,39.81N,143.07E, h33km, mb5.1, MS5.1, Off east coast of Honshu, Japan, ISC 21 09:01:05.0,0.9,37.76N,102.14266E,0.03, h15km,5km, h17km,1,8km, pp-P, n392, c0997/415, mb5.0/134, MS4.8/64, 41C-15D, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like JIO Ouri, JFK Kawachi, JMM Marumori, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like JHU, ASAJ Asahikawa, ASAJ Asahikawa, etc.

Table with columns: YAK, comp, call sign, time, frequency, and other details. Includes entries for Callao Caves, Seymchan, Conner, Pasuquin, Cauyan, Xi'an, etc.

Table with columns: DAV, Davao City (W), 33.55 211, PFAKE, and other details. Includes entries for Davao City (W), Bilbino, Midway, Tiksi, etc.

Table with columns: LSA, Lhasa, 42.72 275, eP, MLR, and other details. Includes entries for Lhasa, Nakhon Sawan, BNT, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like COLA, AAA Alma-Ata, AAA Eielson Array, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PSI Prapat, DAWY Dawson, BKNi Bangkinang, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like HYB, AKTO Aktubinsk, ALE Alert, etc.

21d 11h

2008 JUL

Table with columns for station ID, name, coordinates, and various data points. Includes stations like A05A Maple Falls, GNW Green Mountain, E03A Lebam, etc.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like VSR comp=N,50nm,1.1s, VSR comp=E,120nm,1.1s, etc.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like MOD Modoc, A14A Double T Ranch, D12A Red Ives Fores, etc.

Table of astronomical observations for 21 days in July 2008. Columns include station code (e.g., KIS, KOP), object name (e.g., Kishinev, Copenhagen), magnitude (e.g., 7.11, 7.01), and various flags (e.g., ePP, S, P, M). Rows are grouped by station and object.

Table of astronomical observations for 21 days in July 2008. Columns include station code (e.g., COP, ULM, T15A), object name (e.g., Copenhagen, Lac du Bonnet, Red Dirt Ranch), magnitude (e.g., 7.01, 7.07, 7.06), and various flags (e.g., P, M, S, Pmax). Rows are grouped by station and object.

Table of astronomical observations for 21 days in July 2008. Columns include station code (e.g., T15A, ULM, ULM), object name (e.g., Red Dirt Ranch, Lac du Bonnet, Lac du Bonnet), magnitude (e.g., 7.06, 7.07, 7.07), and various flags (e.g., P, M, S, Pmax). Rows are grouped by station and object.

Table with columns: KECS, KECOCO, 80.14 325 eP, P, 11 42 38.4 +0.6, etc. Includes entries like Williams, Moravsky Berou, Wupatki, etc.

Table with columns: MCD, BRG, Coleburn Disti, 81.17 342 eP, P, 11 42 42.2 -0.9, etc. Includes entries like Berggiesshubel, Panska Ves, Colim, etc.

Table with columns: TREC, TREST, 81.75 328 eP, P, 11 42 44.7 +0.4, etc. Includes entries like Karacabey, Wiggins, etc.

21d 11h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SIUC, BLO, MIAR, MTLF, etc.

2008 JUL

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NHSC, PMAFR, PBAR, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BOS, BOSA, BOSH, etc.

21d 13h

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like Beijing, Chongqing, Shanghai, etc.

2008 JUL

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like Palko, Petk, Kashi, etc.

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Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like Inuvik, HFK, NB2, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Yanaizu, Ashikawa, Ohasama, Matsushiro, Hachijo jima, etc.

NIED 21 14:19:00.21:20N-121:10E, h47km, Mw4.9 Best double couple: M2 470000,1016 NP13=41.00000, 880.00000, 1.92.00000. NP2=211.00000, 811.00000, 8.00.00000. BUJ 21 14:19:26.0, 21:18N-121:11E, h6km, mB4.7/24, mB4.5/32, ML3.8/1, Ms4.4/32, Ms7.4/328. IDC 21 14:19:27.0, 21:30N-121:25E, h0km, mb4.3/17, mb1.4/4.19, mb1mx4.3/25, mbtmp4.3/19, ML4.3/2, MS3.8/10, Ms1.3/9.10, ms1mx3.5/29, Error ellipse: s-maj=18.6km s-min=16.6km az=70.0. NEIC 21 14:19:27.8, 21:26N-121:16E, h5km, 19km, mb4.6/17, Error ellipse: s-maj=9.3km s-min=7.2km az=133.0. ISCJB 21 14:19:29.1, 21:22N-103:12E, h25km, 8km, mb4.4/3, MS4.0/18, Error ellipse: s-maj=5.4km s-min=4.6km az=152.5. JMA 21 14:19:30.2, 21:15N-121:13E, h84km, M4.5. MOS 21 14:19:30.3, 21:27N-121:21E, h35km, 7.4km/9.19, MS4.1/4, Error ellipse: s-maj=11.8km s-min=7.3km az=99.4. ISC 21 14:19:29.5, 21:24N-103:12E, h13km, 9km, h13km, 4km, pP-P, n102, s109/115, mb4.4/3, MS4.0/18, 1C-40, Taiwan region

Main table for 21d 14h section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Pinlang, Ta-pu, Yuli, Suanglung, Ninganchiao, etc.

Main table for 2008 JUL section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Beijing, Chichi jima, Chiang Mai, Chiang Mai, etc.

Table for 2008 JUL section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSH, ZAAO, ZALV, PET, WRAB, UCH, UCH, UCH, UCH, etc.

MEX 21 14:45:50.1, 0.8, 17:16N-95.06W, h154km, 12km, MD3.7, Oaxaca

Table for MEX 21 14:45:50.1, 0.8, 17:16N-95.06W, h154km, 12km, MD3.7, Oaxaca with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OXX, VHO, HUIG, TGIG, PCIG, PNIG, etc.

ISCJB 21 14:46:14.9, 0.7, 38:24N-102:26:55E, 0.04, h1km, 5km, Error ellipse: s-maj=5.9km s-min=3.9km az=175.7. DDA 21 14:46:15.2, 38:26N-26:62E, h2km, 1km, MD2.9. ISK 21 14:46:15.5, 38:18N-26:68E, h3km, MD2.7. ATH 21 14:46:15.1, 38:24N-26:51E, h10km, MD2.9/3. CSEM 21 14:46:15.1, 0.2, 38:24N-26:55E, h5km, MD2.9, Error ellipse: s-maj=5.3km s-min=3.8km az=93.0. ISC 21 14:46:15.3, 0.7, 38:23N-102:26:56E, 0.05, h4km, 5km, n44, 0.92/65, Aegean Sea

Table for MEX 21 14:46:15.3, 0.7, 38:23N-102:26:56E, 0.05, h4km, 5km, n44, 0.92/65, Aegean Sea with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like URLA, BLCB, BLCB, BLCB, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like GCAM G?zelcaml?, PRK Paraskevi, AYVA Ayvalik, AKHS Akhisar, BODT Bodrum, etc.

NIED 21 15:26:00.33:00N,133:80E, h5km, Mw3.3 Best double couple: Mo1.02000,1014 NP1.1,141.00000; 872.00000, ...

ISCJB 21 15:26:15.4:1.6, 33:0N,0:1:133:78E:0:07, h29km,7km, Error ellipse: s-maj=18.6km s-min=7.5km az=161.2

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MRT2 Murotomisaki 2, JKU Kubokawa, JMN Monobe, etc.

ISCJB 21 15:26:58.2:0.5, 3:77N:0:05:125:7E:0:1, h115km,5km, mb4.0/14, Error ellipse: s-maj=18.9km s-min=5.6km az=162.5

NEIC 21 15:26:58.9:1.1, 3:82N:125:62E, h103km,11km, mb4.2/3, Error ellipse: s-maj=23.8km s-min=7.2km az=73.0

DJA 21 15:26:58.3:92N:126:47E, h22km, MLV4.6/6, IDC 21 15:26:58.2:5, 3:82N:125:65E, h100km,24km, mb3.6/11, ...

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SGSI Sangihe, GSPH General Santos, MNI Manado, DAV Davao City (W), etc.

MAN 21 15:28:01, 15:27N:120:40E, h1km, mb4.7, ML3.6, MS3.6, 1D, Luzon

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SCZP Santa Cruz, PCPH Palayan, BOLP Bolinao.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BALP Baler, LUPB Lubang, POLP Polibog Island, CAUP Cauayan.

MAN 21 15:31:22, 6:02N:126:12E, h135km, mb4.8, ML3.7, MS3.7, 1C-1D, 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, DMPH Davao City-Mi, etc.

IDC 21 15:35:10.8:1.8, 2:81S:128:16E, h0km, mb3.9/3, mb1.4/1.4, mb1mx3.6/2.0, mbtm3.9/4, ML3.9/1, Error ellipse: s-maj=130.0km s-min=24.6km az=68.0, Ceram Sea

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

IDC 21 15:47:50.0:0.5, 11:09S:164:64E, h0km, mb4.6/16, mb1.4/7.18, mb1mx4.7/2.0, mbtm4.6/18, ML4.9/2, MS4.3/21, ...

NEIC 21 15:47:51.8:0.3, 11:05S:164:59E, h10km, mb5.0/33, Error ellipse: s-maj=9.4km s-min=6.5km az=139.0

MOS 21 15:47:54.2:1.1, 10:96S:164:43E, h33km, mb5.2/17, Error ellipse: s-maj=11.2km s-min=10.9km az=70.7

ISCJB 21 15:47:54.9:1.2, 11:06S:164:37E:0:04, h38km,10km, mb4.8/59, MS4.3/32, Error ellipse: s-maj=8.4km s-min=6.2km az=172.7

GCMT 21 15:47:55.3:0.2, 11:17S:164:57E, h12km, MW5.1, Moment Tensor Solution: s62, c100, s81, c141; Moment tensor: Scale 1016Nm, Mr=5.50:1.6, Mw=3.49:1.2, ...

BUI 21 15:47:56.7, 10:26S:163:83E, h10km, mb5.2/23, mb4.7/31, mb4.8/22, MS7.4/23

ISC 21 15:47:57.7:1.0, 11:11S:164:43E:0:04, h50km, gkm, h42km, 6, 3km, pp-P, n271, o872/252, mb4.8/59, MS4.3/32, 62C-73D, Santa Cruz Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like HNR Honiara, DZM Mont Dzumac, PMG Port Moresby, etc.

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

21d 20h

Table with columns: Station, Azimuth, Elevation, SNR, and other parameters. Includes stations like JTS, CUI, GUAB, LIMI, GFSZ, etc.

NIED 21 20:31:00.36:20N:141:80E, h26km, Mw4.4 Best double couple: Mo3.95000x1015 NP1.8e18.00000...d63.00000...

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CHJO, JHO, JNAJ, etc.

Main table with columns: Station, Azimuth, Elevation, SNR, and other parameters. Includes stations like ASAJ, ASAJ, ASAJ, ASAJ, ASAJ, etc.

Table with columns: Station, Azimuth, Elevation, SNR, and other parameters. Includes stations like MK31, MKAR, MKAR, MKAR, MKAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like Malin Array Be, KIEV Kiev, NVAR Mina Array Bea, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like TNTI Ternate, NLAI Namlea, MNI Manado, etc.

ISC 21 20:39:57.6, 3.0, 41.5: 128.38E, h0km, mb3.7/6, mb1 3.8/3, mb1mx3.4/19, mbtmp3.7/3, Error ellipse: s-maj=350.2km s-min=27.8km az=66.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like STVI Saint Thomas, CDVI St. Croix, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like SJG San Juan, CERP Cerrillos, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like PDAR Pinedale Array, EKA Eskdalemuir, etc.

ISCJB 21 21:45:31.3z:0.5, 27.94N:0.05:140.5E:0.1, h510kmz7km, mb4.0/3, Error ellipse: s-maj=16.5km s-min=8.0km az=178.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like CBIJ Chichi jima, CBUJ Chichi jima, etc.

GUC 21 20:12:26.5, 0.9, 23.15S: 70.40W, h41km, 5km, MD3.7, ML2.0, 1D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like MECH Mejillones, CEN1 Los Morros, etc.

ISCJB 21 21:37:36.1, 3.1, 17.38S: 0.07:174.38W, h0.07, h63kmz1.2km, mb4.3/17, Error ellipse: s-maj=13.9km s-min=8.8km az=136.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like AFI Afiamalu, MSVF Nonsavu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like STKA Stephens Creek, WRAB Tennant Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like DAWY Dawson, MAW Mawson, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like VRI Virincioia, BR131 Keskin Array S, etc.

IDC 21 23:22:15.5, 1.6, 2.67S: 139.34E, h0km, mb3.6/5, mb1 3.6/5, mb1mx3.6/15, mbtmp3.7/5, MS3.5/1, ms1mx2.5/22, Error ellipse: s-maj=63.2km s-min=25.9km az=103.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like COEN Coen, KAKA Kakadu, etc.

ISCJB 21 23:29:00.2:1.1, 37.11N:0.05:142.38E:0.08, h56kmz7km, mb4.0/7, Error ellipse: s-maj=11.2km s-min=6.6km az=33.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like JFK Kawauchi, JFK JKF, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for KBL Kabul, MBWA Marble Bar.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for IDC 21:30:49.6, ASAR Alice Springs, MKAR Makanchi Array, ZALV Zalesovo Beam, BVAR Borovoye Array.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entry for MAN 22:00:02:29, 18:59N, 120:43E, h8km, mb4.5, ML3.3, MS3.2, 2C, Luzon.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for TIR 22:00:10:05, ATH 22:00:10:05, NEIC 22:00:10:05, ISCB 22:00:10:06, CSEM 22:00:10:06, ISC 22:00:10:06.

Main table listing station data for various regions including Greece-Albania border, Indonesia, and others. Columns include Code, Station Name, Az, Phase ID, Time, Res.

Table listing station data for various regions including Greece-Albania border, Indonesia, and others. Columns include Code, Station Name, Az, Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for IDC 22:00:27:42, NEIC 22:00:27:43, ISCJB 22:00:27:44, ISC 22:00:27:46.

Main table listing station data for various regions including Indonesia, Philippines, and others. Columns include Code, Station Name, Az, Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for NEIC 22:00:49:17, WEL 22:00:49:17.

Table listing station data for various regions including Indonesia, Philippines, and others. Columns include Code, Station Name, Az, Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for ISCJB 22:00:52:50, NEIC 22:00:52:51.

Table listing station data for various regions including Tajikistan, Uzbekistan, and others. Columns include Code, Station Name, Az, Phase ID, Time, Res.

Main table listing station data for various regions including Tajikistan, Uzbekistan, and others. Columns include Code, Station Name, Az, Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for SMLA, SMLA, SMLA, SMLA.

Main table listing station data for various regions including India, Nepal, and others. Columns include Code, Station Name, Az, Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for NEIC 22:00:49:17, WEL 22:00:49:17.

Main table listing station data for various regions including India, Nepal, and others. Columns include Code, Station Name, Az, Phase ID, Time, Res.

Table with columns: Station Name, Frequency, Power, Modulation, SNR, and other technical details for various stations like Evora, Castro Verde, Ste Jean, etc.

Table with columns: Station Name, Frequency, Power, Modulation, SNR, and other technical details for stations like Braganca, Tomar, Viseu, Calabor, Vila Real, Vila Bispo, etc.

Table with columns: Station Name, Frequency, Power, Modulation, SNR, and other technical details for stations like La Frestale, Calviac, Les Rejaudoux, etc.

ISCB 22 02:33:15.2±0.5, 41°88'N, 0°02'22.93"E, h2km, 6km, Error ellipse: s-maj=5.9km s-min=3.7km az=176.4

SKO 22 02:33:15.2, 41°88'N, 0°22'93"E, h19km, M1.3, ML1.7 CSEM 22 02:33:15.7±0.1, 41°88'N, 22°95'E, h5km, ML2.5/4, Error ellipse: s-maj=3.3km s-min=1.9km az=84.0

THE 22 02:33:15.9, 41°86'N, 22°96'E, h3km, 1km, ML2.5/4, Error ellipse: s-maj=1.2km s-min=0.5km az=68.0

BEO 22 02:33:17.0±0.4, 41°88'N, 22°91'E, h1km, 6km, ML1.5/4

ISC 22 02:33:16.1±0.5, 41°87'N, 0°02'22.92"E, h7km, 5km, n25, e066/48, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and other details for stations like Valandovo, Kendrikon, Vitosha, etc.

NEIC 22 02:38:39.7, 16°10'N, 95°03'W, h82km, MD4.2(MEX), After MEX

MEX 22 02:38:39.7±0.5, 16°05'N, 95°04'W, h86km, 15km, MD4.1, Oaxaca

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and other details for stations like Huatulco, Vista Hermosa, San Cristobal, etc.

TEIG eS Sn 02 41 48.1 -5.7

ISCJB 22 02:42:07.2±0.3, 45°49'N, 02:16:55E, 0.02, h3km, 2km, Error ellipse: s-maj=3.9km s-min=1.9km az=27.7

BEO 22 02:42:07.9±0.5, 45°52'N, 16:47E, h3km, 3km, ML2.5/4 CSEM 22 02:42:08.6±0.1, 45°45'N, 16:48E, h8km, ML2.5, Error ellipse: s-maj=3.8km s-min=2.1km az=26.0

VIE 22 02:42:09.1±0.4, 45°54'N, 16:55E, h9km, 1km, mb2.4/6, ML2.7/7, Error ellipse: s-maj=2.4km s-min=1.8km az=0.0 52 km SE of Zagreb

PRU 22 02:42:09.7, 45°45'N, 16:52E, h11km IPEC 22 02:42:14.0±0.6, 45°77'N, 16:51E, h17km, 3km, Error ellipse: s-maj=3.6km s-min=2.9km az=36.0

ISC 22 02:42:08.5±0.3, 45°48'N, 02:16:51E, 0.02, h6km, 2km, n85, e1507/152, 22C-10D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Gornji Cimik, Cresnjevo, Golise, Banja Luka, Cesta pri Krask, Bojanci, Kog, Grobnik, Podkum, Visnje, Tenkes, Zavidnje, Vrh nad Dolski, Cerknica, Pernice, Bistriški jare, Soko, Crni Vrh, Obir, Arzberg, Moragy, Vojsko, Terra Mystica, Fruska Gora, Conrad Observa, Lazik&263;1, Lazik&263;2, Budapest, Molin, Mollin, Divibare.

Table with columns: DIVS, DIVS, TRUS, TRUS, TREB, TREB, TREB, TREB, KOLL, KOLL, PSZ, PSZ, VYHNE, VYHNE, VYHNE, VYHNE, KRUC, KRUC. Includes stations like Divibare, Trudelj, Trebinje, Trebinje, Kolarac, Piszkesteto, Vyhne, Moravsky Berou, Gura Zlata, Pruhonice, Novy Kostel, Colim.

Table with columns: BZS, BZS, VRAC, VRAC, VRAC, VRAC, KHC, KHC, KHC, KHC, MORC, MORC, GZR, GZR, DRGR, DRGR, BARS, BARS, BARS, BARS, PRU, PRU, PRU, PRU, NKC, NKC, NKC, NKC, CLC, CLC, OLL. Includes stations like Buzias, Vranov, Kasperse Hory, Moravsky Berou, Gura Zlata, Pruhonice, Novy Kostel, Colim.

JMA 22 02:47:03.5±0.4, 44°21'N, 148°37E, h0km, M4.4, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Nemuro 2, Nakash, Ashorobuto, Churui, Kamakawa 2, Nango.

NEIC 22 03:07:52.1, 18°22'N, 101°62W, h79km, MD3.9(MEX), After MEX

MEX 22 03:07:52.0±1.5, 18°24'N, 101°60W, h77km, 30km, MD3.9, Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Zihuatanejo, Morelia, Aquila, El Cayaco, Mezcala, Platanillo, Pinotepa.

IDC 22 04:35:00.1±3.9, 35°17'N, 81°03E, h0km, mb3.5/2, mb1.3/75, mb1mx3/4/24, mbtmb3/5/5, ML3.6/3, Error ellipse: s-maj=125.8km s-min=25.7km az=66.0

ISC 22 04:35:06.1±2.4, 35°22'N, 02:81E, 0.02, h46km, 28km, n7, e084/8, mb3.4/2, Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kashi, Gaotai, Zalesovo Beam, Borovoye Array, Eielson Array.

PGC 22 04:45:30.6±9.7, 58°30'N, 133°47W, h1km, ML3.2/4, 55km east of Juneau, Ak Southeastern Alaska

NEIC 22 04:45:29.9, 58°34'N, 133°47W, h0km, ML3.2(PGC), ML2.8(AEIC), 4D, After AEIC, Southeastern Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Bessie Mountai, Skagway, Sitka, Dease Lake, Dease Lake, Pleasant Camp, Whitehorse, Whitehorse, Craig.

Table with columns: HYT, HYT, HYT, HYT, HYT, HYT, PNL, PNL, PNL, PNL, DAWY, DAWY. Includes stations like Haines Junctio, Peninsula, Dawson.

ISCJB 22 05:20:33.4±1.9, 48°8'N, 02:15:46E, 0.02, h87km, 17km, mb3.4/7, Error ellipse: s-maj=39.0km s-min=11.7km az=143.1

MOS 22 05:20:34.2±0.6, 48°91'N, 154°49E, h97km, mb4.0/2, Error ellipse: s-maj=43.4km s-min=18.4km az=60.3

IDC 22 05:20:34.3±3.3, 48°76'N, 154°59E, h82km, 30km, mb3.2/7, mb1.3/6/9, mb1mx3/3/25, mbtmb3.3/9, Error ellipse: s-maj=41.2km s-min=15.9km az=149.0

ISC 22 05:20:34.9±1.6, 48°9'N, 02:15:46E, 0.02, h83km, 15km, n14, e053/15, mb3.4/7, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Severo-Kuril's, Petropavlovsk, Asahikawa, Korea Array, Makanchi Array, Chiang Mai Arr, Mina Array, Pinalde Array, Alice Springs, Lajitas Array.

MOS 22 05:33:08.4±1.1, 54°08'N, 168°18E, h34km, mb4.4/18, Error ellipse: s-maj=11.5km s-min=9.7km az=165.2

ISCJB 22 05:33:09.2±0.5, 54°02'N, 0:05:168E, 18E, 0.03, h38km, 4km, mb2.4/3, MS3.8/7, Error ellipse: s-maj=7.9km s-min=3.2km az=6.3

IDC 22 05:33:10.9±2.4, 54°27'N, 168°13E, h32km, 50km, mb3.9/18, ZLN 1/19, mb1mx4/0/27, mbtmb3.9/19, ML4.2/1, MS3.2/2, Ms1.3/2, ms1mx2.8/24, Error ellipse: s-maj=23.6km s-min=11.9km az=165.0

NEIC 22 05:33:10.2±2.5, 54°10'N, 168°19E, h32km, 19km, mb4.3/20, Error ellipse: s-maj=13.1km s-min=5.9km az=171.0

KRSC 22 05:33:10.4±1.2, 53°86'N, 167°64E, h16km, 16km, ML4.7

ISC 22 05:33:11.6±0.4, 54°07'N, 0:05:168E, 18E, 0.04, h40km, 4km, h42km, 1.4km, p-P, n254, e099/270, mb4.2/43, MS3.8/7, 69C-79D, Komandorsky Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Bering, Attu Island-F, Krutoberegovo, Shemya, Mys Kozlova, Semkarok, Baidarnaya, Tsirik, Sorokina, Bezmyannaya, Kamnetyaya, Mys Shipunski, Kopyto, Karymskiy, Kozyr, Kozlyrevsk, Naitychevo, Sredinnyy, Avh Avacha, Petropavlovsk, Petropavlovsk, Ganaly, Gorelyy, Petropavlovsk-5, Malaya Ipe'ka, Severo-Kuril's, Alaid, Talatina, Old Harbor, Redoubt South, Kodiak Island, Kodiak Island, Kodiak Island, Kul'dur, Thorofore Moun, Palmer, Palmer, Palmer, Kodiak Island, Eielson Array, Eielson Array, Eielson Array.

ISC 22 05:33:12.9±2.4, 54°10'N, 168°19E, h32km, 19km, mb4.3/20, Error ellipse: s-maj=13.1km s-min=5.9km az=171.0

KRSC 22 05:33:10.4±1.2, 53°86'N, 167°64E, h16km, 16km, ML4.7

ISC 22 05:33:11.6±0.4, 54°07'N, 0:05:168E, 18E, 0.04, h40km, 4km, h42km, 1.4km, p-P, n254, e099/270, mb4.2/43, MS3.8/7, 69C-79D, Komandorsky Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Bering, Attu Island-F, Krutoberegovo, Shemya, Mys Kozlova, Semkarok, Baidarnaya, Tsirik, Sorokina, Bezmyannaya, Kamnetyaya, Mys Shipunski, Kopyto, Karymskiy, Kozyr, Kozlyrevsk, Naitychevo, Sredinnyy, Avh Avacha, Petropavlovsk, Petropavlovsk, Ganaly, Gorelyy, Petropavlovsk-5, Malaya Ipe'ka, Severo-Kuril's, Alaid, Talatina, Old Harbor, Redoubt South, Kodiak Island, Kodiak Island, Kodiak Island, Kul'dur, Thorofore Moun, Palmer, Palmer, Palmer, Kodiak Island, Eielson Array, Eielson Array, Eielson Array.

Table with columns for station name, coordinates, elevation, and other technical data. Includes stations like MJAR Matushiro Arr, EGAK Eagle, DAWY Dawson, etc.

Table with columns for station name, coordinates, elevation, and other technical data. Includes stations like L12A House Creek Ra, F18A Big Timber, CD2 Chengdu, etc.

Table with columns for station name, coordinates, elevation, and other technical data. Includes stations like W14A Seligman, T17A Navajo Res., PV10 Paradox Valley, etc.

| | | | | | | | | | | | | | | | | | | | | | | | |
|------|------------------------------------|-------|----|----|---|------------|------|------|--|-------|----|----|---|------------|------|------|---|-------|----|----|---|------------|------|
| Q13A | Wheeler Ranch, baz=78 | 77.97 | 44 | ↑P | P | 07 31 28.9 | -0.1 | E12A | Beaver Dam Sad, baz=81 | 80.98 | 37 | ↓P | P | 07 31 46.0 | +0.9 | N20A | Spence Gulch, baz=83, SNR=5.2 | 82.75 | 44 | ↓P | P | 07 31 54.2 | -0.3 |
| 219A | White Tail Can, baz=78 | 78.03 | 52 | ↓P | P | 07 31 29.1 | -0.3 | 626A | Big Bend Ranch, baz=81 | 81.00 | 56 | ↑P | P | 07 31 45.4 | -0.2 | Q22A | Crested Butte, baz=83 | 82.79 | 47 | ↑P | P | 07 31 54.7 | -0.1 |
| WUAZ | Wupatki, baz=78 | 78.09 | 48 | ↑P | P | 07 31 30.0 | +0.3 | G13A | Cobalt, baz=81 | 81.05 | 38 | ↑P | P | 07 31 45.5 | 0.0 | BW06 | Boulder Array, baz=83, SNR=6.3 | 82.79 | 42 | ↑P | P | 07 31 53.9 | -0.8 |
| T15A | Red Dirt Ranch, baz=78, SNR=11 | 78.11 | 46 | ↑P | P | 07 31 29.9 | +0.1 | 325A | Bear Ranch, Si, baz=81, SNR=6.2 | 81.06 | 54 | ↓P | P | 07 31 45.4 | -0.5 | BW06 | Boulder Array, comp=Z, 3.1nm, 0.8s, mb4.1 | 82.79 | 42 | eP | P | 07 31 53.8 | -0.9 |
| K10A | MacKenzie Ranch, baz=78, SNR=7.7 | 78.19 | 39 | ↑P | P | 07 31 29.9 | -0.3 | N17A | Moffitt Pass, baz=81 | 81.08 | 43 | ↑P | P | 07 31 46.1 | +0.4 | PDAR | Pinedale Array, baz=83 | 82.79 | 42 | P | P | 07 31 54.1 | -0.6 |
| Y18A | Canyon Day Jun, baz=78 | 78.25 | 50 | ↑P | P | 07 31 31.2 | +0.5 | PV10 | Paradox Valley, comp=Z, 5.4nm, 0.8s, mb5.2 | 81.08 | 46 | eP | P | 07 31 45.6 | -0.3 | SMCO | Snowmass, comp=Z, 2.7nm, 0.8s, mb4.0, baz=236, slow=2.7, SNR=23 | 82.89 | 46 | eP | P | 07 31 55.5 | +0.3 |
| 320A | Kipp Ranch, An, baz=78 | 78.29 | 53 | ↑P | P | 07 31 31.2 | +0.3 | NEW | Newport, comp=Z, 2.4nm, 1.0s, mb3.8 | 81.14 | 35 | eP | P | 07 31 44.6 | -1.3 | BOZ | Bozeman (W), baz=83 | 82.91 | 39 | ↓P | P | 07 31 55.5 | +0.3 |
| G08A | Pilot Rock, baz=78, SNR=5.5 | 78.39 | 36 | ↓P | P | 07 31 30.9 | -0.2 | U21A | Nageezi, baz=81, SNR=9.0 | 81.18 | 49 | ↑P | P | 07 31 46.4 | 0.0 | BOZ | Bozeman (W), comp=Z, 4.3nm, 1.2s, mb4.0 | 82.91 | 39 | eP | P | 07 31 55.0 | -0.1 |
| S15A | Panguitch, baz=78 | 78.44 | 46 | ↓P | P | 07 31 32.5 | +0.9 | PV04 | Paradox Valley, baz=81, SNR=9.0 | 81.19 | 46 | eP | P | 07 31 46.0 | -0.4 | H17A | Grant Village, baz=83 | 82.93 | 40 | ↓P | P | 07 31 56.0 | +0.7 |
| Q14A | Sevier Lake (B, baz=78, SNR=6.6 | 78.48 | 44 | ↓P | P | 07 31 31.9 | +0.1 | Q19A | Hogan Spring (, baz=81 | 81.20 | 46 | ↑P | P | 07 31 46.9 | +0.4 | F16A | Kenard Place, baz=83 | 82.98 | 39 | ↑P | P | 07 31 55.6 | +0.1 |
| 220A | Plays Peak, P, baz=78 | 78.54 | 52 | ↓P | P | 07 31 32.9 | +0.6 | 526A | Mary Lane Ranc, baz=81, SNR=5.0 | 81.23 | 56 | ↑P | P | 07 31 46.4 | -0.5 | W25A | X Bar L Ranch, baz=83 | 83.02 | 51 | ↑P | P | 07 31 55.6 | -0.5 |
| L11A | Cat Creek Ranch, baz=79, SNR=6.2 | 78.55 | 40 | ↑P | P | 07 31 31.9 | -0.2 | J15A | Blackfoot, baz=81, SNR=8.1 | 81.27 | 41 | ↑P | P | 07 31 47.0 | +0.3 | I18A | Diamond G Ranc, baz=83 | 83.07 | 41 | ↓P | P | 07 31 56.2 | +0.1 |
| V17A | Tonaleja, Kytok, baz=79, SNR=11 | 78.56 | 48 | ↑P | P | 07 31 32.3 | 0.0 | TXAR | Lajitas Array, baz=81, SNR=8.1 | 81.29 | 56 | P | P | 07 31 47.0 | -0.1 | M20A | Sweetwater, Wa, baz=83 | 83.10 | 44 | ↓P | P | 07 31 56.6 | +0.3 |
| U16A | Tuba City, baz=79 | 78.56 | 47 | ↑P | P | 07 31 33.0 | +0.7 | Y23A | Lovlace Mesa, baz=81, SNR=8.1 | 81.29 | 51 | ↑P | P | 07 31 47.0 | -0.1 | V25A | Rancho No Teng, baz=83 | 83.16 | 50 | ↑P | P | 07 31 56.8 | +0.1 |
| X18A | Snowflake, baz=79 | 78.66 | 49 | ↑P | P | 07 31 33.1 | +0.3 | PV01 | Paradox Valley, baz=81 | 81.30 | 47 | eP | P | 07 31 46.9 | -0.1 | Z27A | Tatum, baz=83 | 83.20 | 53 | ↓P | P | 07 31 56.7 | -0.3 |
| M12A | Wells, baz=79, SNR=5.5 | 78.67 | 41 | ↓P | P | 07 31 32.6 | -0.2 | H14A | Leadore, comp=Z, 8.8nm, 0.7s, mb5.5 | 81.32 | 39 | ↓P | P | 07 31 47.2 | +0.2 | N21A | Black Mountain, baz=83 | 83.22 | 45 | ↓P | P | 07 31 57.3 | +0.4 |
| K11A | Parker Ranch, baz=79 | 78.70 | 40 | ↓P | P | 07 31 33.2 | +0.2 | F13A | Darby, baz=81, SNR=5.0 | 81.36 | 38 | ↑P | P | 07 31 46.4 | -0.7 | L20A | Wamsutter, baz=83 | 83.23 | 43 | ↑P | P | 07 31 56.9 | 0.0 |
| T16A | Glen Canyon Da, baz=79 | 78.70 | 47 | ↑P | P | 07 31 33.4 | +0.3 | C11A | Tepee Creek (N, baz=81, SNR=5.0 | 81.38 | 35 | ↓P | P | 07 31 47.1 | -0.1 | K19A | Absolon Red Bu, baz=83 | 83.28 | 42 | ↓P | P | 07 31 56.4 | -0.8 |
| R15A | Junction, baz=79 | 78.77 | 45 | ↑P | P | 07 31 33.9 | +0.5 | D12A | Red Ives Fores, baz=82 | 81.45 | 36 | ↓P | P | 07 31 47.2 | -0.3 | G17A | Pierce Place, baz=83 | 83.29 | 39 | ↑P | P | 07 31 57.1 | -0.1 |
| N13A | Wendover, West, baz=79 | 78.83 | 42 | ↓P | P | 07 31 34.2 | +0.6 | 225A | Deer Hill, Car, baz=82 | 81.48 | 53 | ↑P | P | 07 31 47.7 | -0.4 | HRV | Holler Researc, baz=83 | 83.33 | 38 | eP | P | 07 31 57.2 | -0.1 |
| Y19A | Nutrosio, baz=79 | 78.85 | 50 | ↓P | P | 07 31 35.0 | +0.7 | V22A | San Miguel Ran, baz=82 | 81.50 | 49 | ↑P | P | 07 31 47.7 | -0.4 | E16A | East Helena, baz=82 | 83.33 | 38 | ↑P | P | 07 31 57.3 | 0.0 |
| P14A | Drum Mountains, baz=79, SNR=6.0 | 78.92 | 44 | ↑P | P | 07 31 34.1 | -0.1 | 426A | McDonald Obser, baz=82, SNR=8.0 | 81.52 | 55 | ↑P | P | 07 31 47.9 | -0.5 | B14A | Marquette Ranc, baz=83 | 83.36 | 36 | ↑P | P | 07 31 56.6 | -0.7 |
| MSU | Marysvale, baz=79 | 78.99 | 45 | eP | P | 07 31 35.5 | +0.9 | T21A | Navajo Lake, baz=82, SNR=8.0 | 81.52 | 48 | ↓P | P | 07 31 48.7 | +0.5 | WALA | Waterton Lakes, comp=Z, 0.1nm, 0.8s | 83.36 | 35 | eP | P | 07 31 56.5 | -0.9 |
| L12A | House Creek Ra, baz=79 | 79.00 | 41 | ↓P | P | 07 31 34.8 | +0.2 | 627A | Terlingua Ranc, baz=82, SNR=5.7 | 81.56 | 56 | ↑P | P | 07 31 48.2 | -0.4 | C15A | Salmond Ranch, baz=84 | 83.42 | 37 | ↑P | P | 07 31 57.4 | -0.4 |
| S16A | Weppner Ranch, baz=78 | 79.00 | 46 | ↓P | P | 07 31 34.7 | +0.1 | Z24A | Sheeppen Canyo, baz=82 | 81.56 | 52 | ↑P | P | 07 31 48.8 | +0.3 | Y27A | Causey, baz=84 | 83.47 | 52 | ↓P | P | 07 31 58.3 | 0.0 |
| Z20A | Nine Sixteen R, baz=79 | 79.03 | 51 | ↑P | P | 07 31 35.5 | +0.6 | 527A | Woodward Ranch, baz=82, SNR=5.9 | 81.65 | 56 | ↑P | P | 07 31 48.6 | -0.4 | K20A | Yellowstone Ra, baz=84 | 83.53 | 43 | ↑P | P | 07 31 57.6 | -0.9 |
| Q15A | Fillmore, baz=79 | 79.09 | 44 | ↓P | P | 07 31 35.3 | +0.1 | P19A | Cripple Cowboy, baz=82 | 81.71 | 45 | ↓P | P | 07 31 49.5 | +0.4 | DA5A | Circle Dot Ranc, baz=83 | 83.54 | 50 | ↑P | P | 07 31 58.4 | -0.3 |
| BMO | Blue Mountains, 2.5nm, 1.2s, mb3.7 | 79.10 | 37 | ↓P | P | 07 31 34.3 | -0.8 | W16A | Bone, baz=82 | 81.73 | 41 | ↑P | P | 07 31 49.6 | +0.5 | DAWY | Dawson, baz=83 | 83.58 | 15 | eP | P | 07 31 58.1 | -0.1 |
| X19A | St. Johns, baz=79 | 79.10 | 50 | ↓P | P | 07 31 35.8 | +0.5 | J23A | Werner Place, baz=82 | 81.74 | 50 | ↑P | P | 07 31 49.7 | +0.3 | A14A | Double T Ranch, baz=84 | 83.58 | 35 | ↑P | P | 07 31 58.2 | -0.4 |
| U17A | Shonto, baz=79 | 79.11 | 47 | ↑P | P | 07 31 36.0 | +0.7 | MCMT | McIntee Canyon, comp=Z, 2.5nm, 1.3s, mb3.3 | 81.75 | 39 | eP | P | 07 31 49.4 | +0.2 | O22A | Kremmling, baz=84 | 83.61 | 46 | ↑P | P | 07 31 59.1 | +0.2 |
| MFID | Camas Ranch, baz=79 | 79.18 | 39 | ↓P | P | 07 31 35.9 | +0.4 | Y24A | Capitan, baz=82 | 81.75 | 52 | ↑P | P | 07 31 49.4 | -0.1 | F17A | Fitzpatrick Pl, baz=84, SNR=5.2 | 83.62 | 39 | ↑P | P | 07 31 58.8 | -0.1 |
| T17A | Navajo Res., N, baz=79, SNR=5.7 | 79.20 | 47 | ↑P | P | 07 31 36.4 | +0.6 | E13A | Victor, baz=82 | 81.80 | 37 | ↑P | P | 07 31 48.5 | -0.9 | D16A | Dana Ranch, Ca, baz=84, SNR=5.2 | 83.65 | 38 | ↑P | P | 07 31 58.7 | -0.3 |
| V18A | Ganado, baz=79 | 79.22 | 48 | ↓P | P | 07 31 35.8 | -0.1 | M18A | Lyman, baz=82 | 81.82 | 43 | ↓P | P | 07 31 49.8 | +0.1 | M21A | Sequation Pea, baz=84, SNR=6.4 | 83.70 | 44 | ↓P | P | 07 31 59.2 | -0.2 |
| K12A | Draper Farm, C, baz=79 | 79.33 | 40 | ↓P | P | 07 31 36.9 | +0.6 | 125A | Gardner Draw, baz=81 | 81.83 | 53 | ↑P | P | 07 31 49.7 | -0.2 | B15A | Bradley Ranch, baz=84 | 83.72 | 36 | ↓P | P | 07 31 58.4 | -0.9 |
| W19A | Sanders, baz=79 | 79.34 | 49 | ↑P | P | 07 31 37.1 | +0.5 | Q20A | Ridgley Place, baz=82 | 81.87 | 46 | ↓P | P | 07 31 50.2 | +0.3 | P23A | Jefferson, baz=84 | 83.76 | 46 | ↑P | P | 07 32 00.2 | +0.5 |
| R16A | Teasdale, baz=79 | 79.35 | 45 | ↑P | P | 07 31 37.0 | +0.5 | GDL2 | Guadalupe Moun, comp=Z, 0.9nm, 0.4s, mb3.7 | 81.87 | 54 | eP | P | 07 31 50.3 | +0.1 | EGAK | Eagle, comp=Z, 4.3nm, 1.0s, mb4.1 | 83.77 | 14 | eP | P | 07 31 58.7 | -0.4 |
| DUG | Tagway, baz=80 | 79.40 | 43 | ↓P | P | 07 31 36.6 | -0.2 | K17A | Gardner Place, baz=82 | 81.91 | 42 | ↓P | P | 07 31 50.3 | +0.3 | E17A | Martinsdale, baz=84 | 83.78 | 38 | ↓P | P | 07 31 59.2 | -0.4 |
| P15A | Leamington, baz=80 | 79.44 | 44 | ↓P | P | 07 31 37.0 | 0.0 | O19A | Miners Draw (B, baz=82 | 81.92 | 45 | ↑P | P | 07 31 50.5 | +0.3 | R24A | Sanders Place, baz=84 | 83.80 | 48 | ↓P | P | 07 31 59.8 | -0.2 |
| D08A | Wollman Farm, baz=80 | 79.45 | 35 | ↓P | P | 07 31 37.0 | +0.1 | F14A | Wisom, baz=82 | 81.95 | 38 | ↑P | P | 07 31 50.3 | +0.1 | MSTX | Muleshoe, baz=84 | 83.80 | 52 | ↓P | P | 07 31 59.6 | -0.4 |
| S17A | Black Ridge (B, baz=80 | 79.51 | 46 | ↓P | P | 07 31 37.4 | 0.0 | V23A | Ortiz Mt. (NFS, baz=82, SNR=6.4 | 81.96 | 50 | ↑P | P | 07 31 51.1 | +0.6 | RWWY | Rawlins, comp=Z, 8.3nm, 1.2s, mb4.3 | 83.84 | 44 | eP | P | 07 31 59.8 | -0.3 |
| J12A | Stokes Ranch, baz=80 | 79.54 | 40 | ↓P | P | 07 31 37.6 | +0.1 | 628A | Black Gap, Mar, baz=82 | 81.97 | 57 | ↑P | P | 07 31 50.9 | +0.2 | L21A | Rawlins, baz=84 | 83.86 | 44 | ↑P | P | 07 31 59.7 | -0.4 |
| Y20A | Horse Springs, baz=80 | 79.54 | 51 | ↑P | P | 07 31 38.4 | +0.7 | T22A | Edith, baz=82 | 81.99 | 48 | ↑P | P | 07 31 50.7 | +0.1 | C16A | Fuhringer Ranc, baz=84 | 83.93 | 37 | ↑P | P | 07 31 59.8 | -0.5 |
| L13A | Double Diamond, baz=80 | 79.64 | 41 | ↑P | P | 07 31 38.4 | +0.3 | D13A | Huson, baz=82 | 81.99 | 37 | ↑P | P | 07 31 49.8 | -0.6 | N22A | Wattenberg Ranc, baz=84 | 83.96 | 45 | ↓P | P | 07 32 00.5 | -0.2 |
| M14A | Sheep Mountain, baz=80, SNR=8.1 | 79.72 | 42 | ↑P | P | 07 31 38.2 | -0.2 | 226A | Malaga, Loving, baz=82 | 82.02 | 54 | ↓P | P | 07 31 50.8 | -0.1 | A15A | Johnson Ranch, baz=84 | 83.97 | 36 | ↑P | P | 07 32 00.3 | -0.2 |
| X20A | Quemado, baz=80 | 79.73 | 50 | ↑P | P | 07 31 39.2 | +0.5 | Z25A | Roswell, baz=82 | 82.03 | 52 | ↓P | P | 07 31 50.6 | -0.4 | W27A | Bowe Ranch, En, baz=84 | 84.01 | 51 | ↓P | P | 07 32 00.8 | -0.2 |
| F10A | Beach Ranch, E, baz=80, SNR=5.7 | 79.78 | 36 | ↑P | P | 07 31 37.7 | -1.0 | P20A | De Beque, baz=82 | 82.05 | 45 | ↓P | P | 07 31 51.2 | +0.3 | G18A | Lazy EL Ranch, baz=84 | 84.01 | 40 | ↑P | P | 07 32 01.0 | +0.2 |
| I12A | Atlanta, baz=80, SNR=6.9 | 79.81 | 39 | ↑P | P | 07 31 38.7 | -0.3 | 427A | Hayter Ranch, baz=82 | 82.09 | 55 | ↓P | P | 07 31 51.3 | 0.0 | U26A | Atchley Ranch, baz=84 | 84.03 | 50 | ↓P | P | 07 32 01.1 | -0.1 |
| K13A | Stover Farm, H, baz=80 | 79.85 | 41 | ↓P | P | 07 31 39.5 | +0.3 | I16A | Newdale, baz=82, SNR=5.0 | 82.11 | 40 | ↑P | P | 07 31 51.6 | +0.5 | S25A | Robets Cranova, baz=84 | 84.04 | 49 | ↑P | P | 07 32 00.8 | -0.4 |
| R17A | Hanksville Air, baz=80, SNR=5.4 | 79.94 | 46 | ↓P | P | 07 31 39.6 | -0.2 | R21A | Cimarron, baz=82, SNR=6.6 | 82.12 | 47 | ↑P | P | 07 31 51.7 | +0.4 | O23A | Lake Cranby, G, baz=84 | 84.07 | 46 | ↓P | P | 07 32 01.7 | +0.4 |
| W20A | Ramah, baz=80 | 79.99 | 49 | ↑P | P | 07 31 40.3 | +0.2 | G15A | Dillon, baz=82, SNR=6.3 | 82.14 | 39 | ↓P | P | 07 31 51.0 | -0.2 | RLMT | Red Lodge, baz=84 | 84.10 | 40 | ↑P | P | 07 32 01.7 | +0.4 |
| B08A | Colville Reser, baz=80 | 80.00 | 34 | ↓P | P | 07 31 38.8 | -1.0 | N19A | John Jarvis Ra, baz=82 | 82.16 | 44 | ↓P | P | 07 31 51.0 | -0.4 | RLMT | Red Lodge, comp=Z, 6.6nm, 1.3s, mb4.2 | 84.10 | 40 | eP | P | 07 32 01.4 | +0.1 |
| U19A | Dine' College, baz=80 | 80.01 | 48 | ↓P | P | 07 31 40.3 | +0.1 | DLMT | Dillon, comp=Z, 4.8nm, 1.1s, mb4.0 | 82.18 | 39 | eP | P | 07 31 51.6 | +0.2 | F18A | Big Timber, baz=84 | 84.20 | 39 | ↓P | P | 07 32 02.1 | +0.3 |
| S18A | Hurst Farm, BI, baz=80 | 80.10 | 47 | ↓P | P | 07 31 40.5 | | | | | | | | | | | | | | | | | |

Table with columns: Code, Station Name, Az, El, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like TIRR, YVHF, BAIF, MLR, BR13, etc.

Table with columns: Code, Station Name, Az, El, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like GTA, GAT, GTC, etc.

Table with columns: Code, Station Name, Az, El, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like AFI, RAR, RAR, etc.

IDC 22 08:11:32.0-0.7, 26'80S, 67'44E, h0km, mb4.1/12, mb1.4/11.2, mb1mx4.0/2.1, mltbmp4.1/12, MS4.1/3, MS1.4/0.3, ms1mx3.5/2.7, Error ellipse: s-maj=21.0km s-min=17.7km az=140.0, Indian Ocean Triple Junction

Table with columns: Code, Station Name, Az, El, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like BOSA, LSZ, SUR, MAW, etc.

Table with columns: Code, Station Name, Az, El, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like MK31, MKAR, MKAR, etc.

Table with columns: Code, Station Name, Az, El, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like AFI, RAR, RAR, etc.

IDC 22 08:34:29.8-5.4, 24'58S, 179'95E, h479km, 59km, mb3.4/5, mb1.3/6.6, mb1mx3.3/1.5, mltbtp3.5/6, Error ellipse: s-maj=35.3km s-min=25.4km az=23.0

ISCJB 22 08:34:30.9-4.2, 24'55.0-2.179'8E, 0.2, h518km, 49km, mb4.1/7, Error ellipse: s-maj=32.6km s-min=20.3km az=146.5

ISC 22 08:34:32.5-3.8, 24'75.0-2.179'9E, 0.2, h518km, 45km, n11, 4876/11, mb4.1/7, 1D, South of Fiji Islands

Table with columns: Code, Station Name, Az, El, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like URZ, URZ, RPZ, etc.

Table with columns: Code, Station Name, Az, El, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like NVS, NVS, NVS, etc.

Table with columns: Code, Station Name, Az, El, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like KAKA, KAKA, KAKA, etc.

ISCJB 22 08:39:29.0-0.3, 33'26N, 0'04-92.15E, 0.05, h10km, mb4.1/16, Error ellipse: s-maj=7.0km s-min=4.3km az=29.9

IDC 22 08:39:29.0-0.9, 33'16N, 92'01E, h0km, mb4.1/12, mb1.4/2.15, mb1mx4.1/2.5, mltbtp4.1/15, ML4.3/3, MS3.2/2, Ms1.3/2.2, ms1mx2.7/2.9, Error ellipse: s-maj=25.2km s-min=17.4km az=34.0

BUI 22 08:39:21.2, 33'24N, 92'03E, h10km, mb4.4/2, mb4.5/10, ML3.9/2, Ms4.1/6, Ms7.3/7.5

MOS 22 08:39:22.3, 1.3, 33'37N, 92'03E, h15km, mb4.2/8, Error ellipse: s-maj=13.7km s-min=8.6km az=88.3

NEIC 22 08:39:22.7, 0.5, 33'26N, 92'22E, h10km, mb4.0/8, Error ellipse: s-maj=10.4km s-min=6.3km az=111.0

ISC 22 08:39:23.4, 0.3, 33'34N, 0'03-92.11E, 0.06, h10km, n61, c1502/66, mb4.1/16, 1C, Qinghai

Table with columns: Code, Station Name, Az, El, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like LSA, LSA, LSA, etc.

Table with columns: Code, Station Name, Az, El, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like ABKAR, KRSR, KRSR, etc.

Table with columns: Code, Station Name, Az, El, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like X15A, X15A, X15A, etc.

SZGRF 22 08:39:28.2, 17'06S, 175'37W, h33km, Tonga Islands ISCJB 22 08:39:29.7, 1.5, 18'31S, 0'07-174'93W, 0.05, h86km, 13km, mb4.6/8, Error ellipse: s-maj=12.3km s-min=6.0km az=156.6

IDC 22 08:39:31.5-2.9, 18'37S, 174'76W, h90km, 27km, mb4.5/13, mb1.4/6.14, mb1mx4.6/18, mltbtp4.5/14, MS3.9/2, Ms1.3/9.2, ms1mx3.1/19, Error ellipse: s-maj=22.1km s-min=13.6km az=130.0

NEIC 22 08:39:32.0, 1.0, 18'25S, 174'89W, h96km, 9km, mb4.6/40, Error ellipse: s-maj=8.6km s-min=4.8km az=151.0

ISC 22 08:39:31.5-1.4, 18'29S, 0'07-174'91W, 0.05, h87km, 12km, h94km, 18km, pp-P, n290, c0511/246, mb4.6/58, 83C-90D, Tonga Islands

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like W16A Flagstaff, CCUT Cedar City, J08A Circle Bar, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like J15A Blackfoot, H14A Leadore, F13A Darby, etc.

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

LDG 22 08:45:15.3:0.6, 17:64Sx169:03E, h10km, Error ellipse: s-nmaj=90.7km s-min=3.3km az=11.0 NOUJ 08:45:22.7:1.5, 17:34Sx168:48E, R30km, MD3.4, MS1.6

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like DZM Port Dzumac, NOUC Mont Laguerre, etc.

MTLF Montolieu 151.28 336 ePKP1 PKPbc 09 05 10.7 -6.2

NIED 22 08:46:00,37.70N,142.40E,h26km,Mw5.2 Best double couple: Ms8.22000x1016 NP1.30x24.00000, delta.000000, lambda.89.00000, NP2.30x209.00000, delta.10.00000, lambda.95.00000, IDC 22 08:46:45.7,0.5,37.66N,142.44E,h0km,m5.0/21 mb1 5.1/26,mb1mx5.1/28,mbtmp5.1/26,ML4.7/5,MS4.9/23, Ms1 4.9/23,ms1mx4.7/28,Error ellipse: s-maj=13.7km s-min=12.2km az=117.0 BUJ 22 08:46:45.2,37.61N,142.19E,h6km,mB5.3/33,mb5.4/63, Ms5.3/76,Ms7.5/25/9 NEIC 22 08:46:47.9,0.1,37.73N,142.31E,h10km,mb5.2/62, MW5.2(NIED),Error ellipse: s-maj=3.7km s-min=2.2km az=156.0 NEIC Recorded [3 JMA] in Fukushima and Miyagi; [2 JMA] in Akita, Iwate, Tochigi and Yamagata; [1 JMA] in Aomori, Gumma and Ibaraki. JMA 22 08:46:48.5,0.1,37.69N,142.37E,h30km,3km,M5.5 JMA Fell III J1. PDG 22 08:46:49.4,37.80N,142.30E,h30km,mb5.5/10 ISCJB 22 08:46:49.3,0.1,37.76N,142.28E,0.1,1,h28km, mb5.3/269,MS5.2/74,Error ellipse: s-maj=2.9km s-min=1.6km az=169.2 MOS 22 08:46:50.0,0.8,37.97N,142.26E,h28km,mb5.5/106, MS5.2/42,Error ellipse: s-maj=6.2km s-min=3.9km az=100.3 GCMT 22 08:46:51.9,0.2,37.77N,142.33E,h12km,MW5.4, Moment Tensor Solution. s51,c71; s88,c144; Moment tensor: Scale 1017Nm; Mrr0.06+0.1; Mss0.01+0.1; Mss0.05+0.1; Mss0.51+0.2; Mss0.08+0.1; Mrr1.25+0.2; Best double couple: Mo1.40000x1017 NP1.30x248.00000, delta.000000, lambda.136.00000, NP2.30x22.00000, delta.88.00000, lambda.88.00000, Principal axes: T 1.3300, P1g47.0000, lambda.88.00000, N 0.0400, P1g2.0000, Azm22.0000; P -1.3700, P1g43.0000, Azm114.0000; Data Used: II IU IC G CN. DJA 22 08:47:00,38.66N,142.91E,h117km,mb5.3/28 SZGRF 22 08:47:10.2,39.00N,139.56E,h33km,mb5.6,MS5.3,Near west coast of eastern Honshu, Japan ISC 22 08:46:51.2,0.1,37.76N,142.27E,0.02,h30km, mb30km,8km;p-P,n1138,ms5.3/269,MS5.2/74, 264C-225D, Off east coast of Honshu

Table with columns: Code, Station Name, Lat, Lon, Phase ID, Time, Res, ISC. Lists various seismic stations like Ouri, Marumori, Kawauchi, etc.

Main table with columns: Station Name, Lat, Lon, Phase ID, Time, Res, ISC. Lists stations like YSS, KRSRS, MDJ, HJH, etc.

Main table with columns: Station Name, Lat, Lon, Phase ID, Time, Res, ISC. Lists stations like Nanjing, Taipei, Yeheng, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like DDJ, SDNR, BKNI, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like EIDS, ARCES, ARED, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like YBH, FORT, E09A, etc.

Table with columns: ID, Name, Time, Date, and other details. Includes entries like U21A Nagezzi, MPEP Malo Peshtene, T22A Edith, etc.

Table with columns: ID, Name, Time, Date, and other details. Includes entries like PVY Pivk, PPT Papeete, PPT Papeete, etc.

Table with columns: ID, Name, Time, Date, and other details. Includes entries like LOR Lormes, LOR Lormes, 326A Caldwell Ranch, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LONY Parma, ACSO Alum Creek Sta, SWET Sewanee, etc.

Table with columns: JFK, Kawauchi, JMK, Marumori, JMM, Okura, etc.

NEIC 22 09:08:10.6, 3.29°N, 35.44°E, h1km, MW2.7(GII), After GII. CSEM 22 09:08:11.6, 0.2, 3.33°N, 35.46°E, h2km, MW2.7, Error ellipse: s-maj=4.3km s-min=2.5km az=119.0

GRAL 22 09:08:11.9, 0.3, 3.33°N, 35.45°E, h0km, 49km, MD3.7. ISCJB 22 09:08:11.0, 0.4, 3.33°N, 0.02, 35.46°E, 0.03, h9km, 3km. Error ellipse: s-maj=5.1km s-min=3.1km az=36.3

HLW 22 09:08:12.6, 3.33°N, 32.80°E, h13km, 25km, MD3.3, MIS.2. NSSC 22 09:08:12.3, 2.8N, 35.50°E, h13km, 2km. ISC 22 09:08:11.5, 0.4, 3.33°N, 0.02, 35.47°E, 0.03, h7km, 3km, n57, c086/83, 32D, Jordan - Syria region

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MATL Matarih, MATH Matarih, KSDI Kefar Szold, etc.

Table with columns: WHPVZ Whakapapa, NGZ Ngauruhoe, TUZV Turukoua, etc. Includes station names and their coordinates.

NEIC 22 09:36:31.6, 39°46'S, 174°36'E, h207km, MG.4, (WEL), After WEL. NEIC 22 09:36:31.4, 0.2, 39°38'S, 174°34'E, h208km, 2km, MLK.9/24, 25C-19D, Error ellipse: s-maj=1.9km s-min=1.1km az=90.0, reported intensity MM 4, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RAEZ Rainy Point, RAEZ Rainy Point, DFE Dawson Falls, etc.

NEIC 22 09:38:50.9, 6.4, 24°01'S, 179°95'W, h527km, 72km, mb3.27, mb1.3, 3.7, mb1mx3.5, 2.1, mbtmp3.2, 7, Error ellipse: s-maj=35.3km s-min=24.1km az=58.0, South of Fiji Islands

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

0.2mm, 0.6s, baz=198, slow=7.3, SNR=3.1
ARCES ARCES Array B 132.00 348 PKP PKPdf 09 57 03.3 -0.2
AKASO Malin Array Be 145.08 327 PKPbC PKPbc 09 57 27.8 -0.9

NEIC 22 09:44:38.5, 38.96S: 178.37E, h45km, ML3.7(WEL), After WEL
WEL 22 09:44:38.9, 0.2, 38.92S: 178.32E, h44km, 2km, ML3.7/10, 5C-3D, Error ellipse: s-maj=2.6km s-min=1.1km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their coordinates.

IDC 22 09:44:46.7, 5.2, 21.14N: 121.11E, h0km, mb3.6/5, mb1 3.8/6, mb1mx3.5/20, mbtmp3.7/6, ML3.3/1, Error ellipse: s-maj=102.6km s-min=36.3km az=176.0

TAP 22 09:44:47.8, 21.12N: 121.27E, h17km, ML3.5, D
NEIC 22 09:44:47.2, 13.20, 97N: 121.07E, h10km, Error ellipse: s-maj=18.8km s-min=16.0km az=133.0

JMA 22 09:44:51.4, 0.4, 20.91N: 121.59E, h117km, M3.1
ISC 22 09:44:49.9, 0.9, 21.12N: 0.04: 121.11E: 0.04, h2km, 5km, n40, c100/69, mb3.5/5, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their coordinates.

Table with columns: SSSLB, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their coordinates.

NEIC 22 09:58:01.7, 0.6, 12.19N: 143.85E, h10km, mb4.1/2, Error ellipse: s-maj=19.1km s-min=12.9km az=109.0

ISCJB 22 09:58:05.0, 2.2, 12.18N: 10.143: 9E: 0.2, h47km, 20km, mb4.0/15, Error ellipse: s-maj=24.9km s-min=16.3km az=10.1

IDC 22 09:58:07.0, 2.5, 12.20N: 144.02E, h52km, 25km, mb3.7/13, mb1 3.9/13, mb1mx3.8/21, mbtmp3.7/13, MS3.1/2, Ms1 3.1/2, ms1mx2.6/27, Error ellipse: s-maj=27.0km s-min=14.5km az=97.0

ISC 22 09:58:06.5, 2.1, 12.19N: 10.144: 0E: 0.2, h46km, 20km, n22, c082/24, mb4.0/15, South of Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their coordinates.

PGC 22 10:00:34.5, 12.0, 58.29N: 133.45W, h1km, ML3.3/4, 56km east of Juneau, AK Southeastern Alaska

NEIC 22 10:00:34.5, 58.29N: 133.45W, h1km, ML3.3(PGC), ML3.0(AEIC), 6D, After PGC, Southeastern Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their coordinates.

ISCJB 22 10:02:44.5, 0.6, 32.68N: 0.05: 48.24E: 0.06, h10km, Error ellipse: s-maj=7.4km s-min=7.3km az=27.7

TEH 22 10:02:47.3, 32.7N: 48.29E, h19km
KISR 22 10:02:50.0, 0.8, 32.69N: 0.05: 48.23E: 0.05, h10km, n12, c078/15, Western Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their coordinates.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their coordinates.

BJI 22 10:03:41.5, 3.82S: 100.95E, h38km, mb5.2/2, mb4.7/7, ISCJB 22 10:03:42.1, 0.6, 3.55S: 0.06: 100.17E: 0.06, h27km, mb4.3/17, Error ellipse: s-maj=11.0km s-min=5.6km az=136.6

NEIC 22 10:03:46.0, 7.3, 3.59S: 100.48E, mb4.5/5, Error Ellipse: s-maj=29.1km s-min=10.2km az=55.0

IDC 22 10:03:44.1, 1.1, 3.51S: 100.53E, h27km, 4km, mb4.0/10, mb1 4.0/10, mb1mx3.9/18, mbtmp4.0/10, MS3.4/1, Ms1 3.4/1, ms1mx2.7/27, Error ellipse: s-maj=35.7km s-min=17.0km az=55.0

DJA 22 10:03:46.3, 3.36S: 100.40E, h30km, MLv4.2/11, ISC 22 10:03:44.8, 0.6, 3.50S: 0.06: 100.26E: 0.06, h28km, h28km, 7km: p-P, n40, c141/36, mb4.3/17, Southern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their coordinates.

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

DDA 22 10:07:51.6, 35.88N-40.64E, h17km, 2km, MD3.6, Jordan - Syria region

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

GUC 22 10:28:24.3, 0.7, 22.06S-70.24W, h47km, 2km, MD3.6, ML3.1, 2C-1D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like PB04, PB01, CEN1, etc.

IDC 22 10:38:48.1, 2.8, 23.86S-179.84E, h510km, 31km, mb3.3/6, mb1 3.5/7, mb1mx3.3/16, mbtmp3.3/7, Error ellipse: s-maj=39.1km s-min=21.0km az=160.0, South of Fiji Islands

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

ISCJB 22 10:53:00.3, 3.9, 23.05S:02:176.6W, 0.1, h36km, 38km, mb4.3/10, Error ellipse: s-maj=28.7km s-min=16.7km az=157.6

NEIC 22 10:53:01.5, 0.7, 23.00S:176.56W, h35km, mb4.3/3, Error ellipse: s-maj=18.9km s-min=13.1km az=165.0

IDC 22 10:53:02.9, 4.9, 23.00S:176.48W, h49km, 45km, mb4.1/9, mb1 4.2/11, mb1mx3.9/23, mbtmp4.2/11, ML4.1/2, Error ellipse: s-maj=28.5km s-min=20.3km az=7.0

ISC 22 10:53:02.2, 3.0, 23.1S:02:176.6W, 0.1, h37km, 31km, n17, c0f17/17, mb4.3/10, South of Fiji Islands

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

IDC 22 11:03:05.6, 7.8, 24.30S:179.26W, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.6/16, mbtmp3.6/4, Error ellipse: s-maj=197.6km s-min=39.2km az=33.0, South of Fiji Islands

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

ISCJB 22 11:50:36.4, 0.9, 58.72S:0.09:149.2E:0.7, h10km, s-min=12.2km az=173.2, Error ellipse: s-maj=50.0km

IDC 22 11:50:37.1, 1.7, 58.69S:148.90E, h0km, mb4.2/6, mb1 4.3/6, mb1mx4.2/12, mbtmp4.2/6, MS4.1/12, MS1.4/12, ms1mx3.8/22, Error ellipse: s-maj=79.7km s-min=20.4km az=90.0

NEIC 22 11:50:38.6, 0.8, 58.70S:149.03E, h10km, mb3.8/3, Error ellipse: s-maj=41.4km s-min=10.1km az=84.0

ISC 22 11:50:38.7, 0.9, 58.70S:0.09:149.0E:0.7, h10km, n20, c0f62/9, mb4.1/7, MS4.1/12, West of Macquarie Island

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

IDC 22 11:50:44.1, 0.9, 55.91S:27.19W, h0km, mb4.3/5, mb1 4.3/5, mb1mx4.1/12, mbtmp4.2/5, Error ellipse: s-maj=41.8km s-min=23.5km az=73.0, South Sandwich Islands region

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

IDC 22 12:00:41.8, 6.8, 16.44N-40.94E, h0km, mb3.8/4, mb1 3.8/4, mb1mx3.5/22, mbtmp3.8/4, MS3.6/1, Ms1 3.6/1, s-min=26.2km, Error ellipse: s-maj=285.0km

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

CSEM 22 12:19:11.0, 0.3, 33.33N-35.38E, h2km, ML3.2, Error ellipse: s-maj=9.9km s-min=4.0km az=100.0

GRAL 22 12:19:11.9, 0.5, 33.32N-35.43E, h0km, 288km, MD3.2, Jordan - Syria region

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

IDC 22 12:49:8.0, 8.1, 2.26N-97.11E, h0km, mb4.4/13, mb1 4.4/15, mb1mx4.2/24, mbtmp4.4/15, ML4.3/2, MS3.7/3, Ms1 3.8/3, ms1mx3.1/28, Error ellipse: s-maj=17.5km s-min=15.9km az=49.0

Bull 22 12:27:53.3, 1.30N:97.41E, h33km, mb4.8/7, mb4.8/25, MS4.1/7, MS7.4/17

MOS 22 12:27:53.1, 0.9, 1.31N:97.17E, h35km, mb4.9/23, Error ellipse: s-maj=12.9km s-min=6.6km az=96.1

DJA 22 12:27:53.1, 37N:97.05E, h18km, ML4.0/12, NEIC 22 12:27:55.9, 0.4, 1.29N:97.27E, h35km, mb4.9/16, Error ellipse: s-maj=10.2km s-min=6.4km az=50.0

NEIC Felt (III) in Nias. ISCJB 22 12:27:55.0, 0.7, 1.34N:0.04:97.21E:0.06, h49km, 5km, mb4.7/53, MS3.9/11, Error ellipse: s-maj=10.2km s-min=5.5km az=149.4

ISC 22 12:27:56.3, 0.7, 1.34N:0.04:97.19E:0.06, h41km, 6km, h28km, 3.5km, comp=PP-P, n118, c0f96/121, mb4.7/53, MS3.9/11, 8C-1D, Northern Sumatra

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

Table with columns: YAK, BRTR, VSR, PETK, PET, PET, SEY, BUOV, LVZ, FINES, BILL, ARCES, KBS, NVAR, PDAR, TXAR, CPUP, etc. Includes station names, times, and various codes.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station names like Mary's Peak, Corvallis, NLWA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station names like COR, NLWA, HUMO, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like MKAR, ZALV, ZALV, KURK, BVAR.

NEIC 22 14:03:32.5:2.5,24.12N:121.98E,h10km,Error ellipse: s-maj=28.6km s-min=10.8km az=87.0
NEIC Recorded [3 TAP] in Hua-lien and I-lan; [1 TAP] in Nan-Tou.
JMA 22 14:03:34.8:0.5,24.01N:121.62E,h42km,M3.3
ISCJB 22 14:03:35.6:0.2,24.21N:121.81E,0.02,h10km, Error ellipse: s-maj=2.2km s-min=1.7km az=24.6
TAP 22 14:03:35.0:2.4,24.19N:121.78E,h10km,ML3.9,B
ISC 22 14:03:35.9:0.2,24.21N:121.80E,0.02,h10km,n72, r1502/116,7C-ID, Taiwan

Main table for the left column containing station data for various stations including Heping Village, Nanganchiao, Nanau, Chiawan, Hualien, Suao, Shoufeng Towns, Nan Shan, Hehuan Shan, Shilin, Neicheng, Jichi Village, Ilan, Tachien, Yeheng, Sanguang, Mucha, Santiao Chiao, Taipei, Hungye, Nanjuang, Wufen Shan, Taipel, Sanyli, Sun Moon Lake, Yuchr, Yuli, Sanyli, Taichung, Mingjian, Chenhua, Liyutan, Liyuan, Kerinci, Kapahiang, Sungai Dareh, Manna, Padang, Saibi, Rengat, Maura Dua, Liwa, Kota Agung, Mandailing Nat, Kota Tinggi, Gunungsitoli, Cibinong, Prapat.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like TWK, TWG, CHN1, WSF, TTN, SGST, CHN8, CHN3, IRIF, ECL, SCLT, SSD, HATJ, TWMT, JKRS, EAST, TAW, SCZT, JJJ, PNG, LAY, TWK1, TSEB, JTJ, KNM, JOGS, MYA, ELZG, ELZG, SVRC, SVRC, AKCD, AKCD, AKCD, URFA, URFA, ATAB, ATAB, PTK, PTK, KEMA, KEMA, KEMA, GAZ, GAZ, KMRs, KMRs, SARI, SARI, BINT, BINT, EZC, EZC, SVSK, SVSK, BEST, BEST.

ISK 22 14:08:18.9,38.23N:38.65E,h5km,MD3.0
ISCJB 22 14:08:19.5:0.4,38.22N:0.03:38.63E,0.03,h7km,10km, Error ellipse: s-maj=4.5km s-min=3.6km az=152.6
DDA 22 14:08:19.4,38.20N:38.63E,h9km,1km,MD3.0
CSEM 22 14:08:19.9:0.2,38.22N:38.63E,h2km,MD3.0, Error ellipse: s-maj=4.8km s-min=3.9km az=156.0
ISC 22 14:08:20.2:0.4,38.23N:0.03:38.63E,0.03,h13km,7km, n30,r1507/45,Turkey

Main table for the middle column containing station data for various stations including MYA, ELZG, SVRC, SVRC, AKCD, AKCD, AKCD, URFA, URFA, ATAB, ATAB, PTK, PTK, KEMA, KEMA, KEMA, GAZ, GAZ, KMRs, KMRs, SARI, SARI, BINT, BINT, EZC, EZC, SVSK, SVSK, BEST, BEST.

JMA 22 14:11:47.5:0.4,24.12N:121.55E,h59km,M2.8
NEIC 22 14:11:47.5:6.4,24.19N:121.85E,h13km,23km, Error ellipse: s-maj=68.5km s-min=13.0km az=101.0
ISCJB 22 14:11:48.6:0.4,24.21N:121.80E,0.02,h6km,3km, Error ellipse: s-maj=3.5km s-min=2.4km az=30.1
TAP 22 14:11:48.4,24.20N:121.78E,h10km,ML3.5,B
ISC 22 14:11:49.2:0.3,24.21N:121.79E,0.02,h9km,3km, n55,r092/85,SC, Taiwan

Main table for the right column containing station data for various stations including Heping Village, Nanganchiao, Nanau, Chiawan, Hualien, Suao, Shoufeng Towns, Nan Shan, Hehuan Shan, Shilin, Neicheng, Jichi Village, Ilan, Tachien, Yeheng, Sanguang, Mucha, Santiao Chiao, Taipei, Hungye, Nanjuang, Wufen Shan, Taipel, Sanyli, Sun Moon Lake, Yuchr, Yuli, Sanyli, Taichung, Mingjian, Chenhua, Liyutan, Liyuan, Kerinci, Kapahiang, Sungai Dareh, Manna, Padang, Saibi, Rengat, Maura Dua, Liwa, Kota Agung, Mandailing Nat, Kota Tinggi, Gunungsitoli, Cibinong, Prapat.

Main table for the right column containing station data for various stations including WHF, ESL, TWE, TWE, ILA, ILA, TWT, TWT, YHNB, YHNB, NSK, NSK, TWA, TWA, TATO, TATO, EHY, EHY, EHY, EHY, TWS1, TWS1, NSY, NSY, TWF1, TWF1, TCU, TCU, WNT, WNT, TWC, TWC, YOJ, YOJ, YOJ, CHN5, ELDTW, TPUB, CHY, TWK, TWK, CHN1, CHN1, CHN1, SGST, SGST, ECL, ECL, IRIF, IRIF, SSD, SSD, HATJ, HATJ, TWMT, TWMT, EAST, EAST, JKRS, JKRS, SCZT, SCZT, PNG, PNG, JJJ, JJJ, JTJ, JTJ, IDC 22 14:24:13.5:1.8,3.20S:101.01E,h0km,mb4.0/8, mb1.4/0.8,mb1mx3.8/20,mbtmp.0/8,MS3.4/3, Ms1.3/4, ms1mx2.8/35, Error ellipse: s-maj=70.9km s-min=18.7km az=59.0
NEIC 22 14:24:18.2:0.9,3.35S:100.93E,h35km,mb4.4/3, Error ellipse: s-maj=36.9km s-min=9.7km az=59.0
NEIC Felt [I] at Iqih, Sumatra.
ISCJB 22 14:24:21.0:0.8,3.13S:101.06E:101.06E:0.08,h73km,7km, mb4.1/1, Error ellipse: s-maj=15.9km s-min=4.8km az=141.9
DJA 22 14:24:21.3:13S:101.09E,h21km,MLV4.1/12
ISC 22 14:24:22.4:0.8,3.12S:101.08E:101.08E:0.08,h65km,7km, n30,r1901/34,mb4.1/1,Southern Sumatra

Table with columns: ID, Name, Time, Az, El, Status, Az, El, Status, Az, El, Status. Includes entries like L15A Malad City, Q18A Rafter H Ranch, S19A Harve Farm, M, etc.

Table with columns: ID, Name, Time, Az, El, Status, Az, El, Status, Az, El, Status. Includes entries like CHMT Chamberlain Mo, H16A Russell Place, J18A Ken Valley, etc.

Table with columns: ID, Name, Time, Az, El, Status, Az, El, Status, Az, El, Status. Includes entries like EDM Edmonton, MAW Mawson, MAW Mawson, etc.

22d 18h

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like ARU, ASAR, FINES, KIV, NVAR, NOA, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like MAN, POLP, PAPT, RPZ, TXAR, etc.

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

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

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

2008 JUL

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

IDC 22 16:27:40.0-5.2, 10.66Sx161.14E, h91km, 35km, mb3.2/4, m3.1 3.3/4, mb1mx3.2/17, mbtmp3.2/4, Error ellipse: s-maj=50.4km s-min=30.0km az=117.0, Bougainville -

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

NIED 22 16:28:00.37, 50N, 142.90E, h20km, Mw4.0 Best double couple: Mo:1.3000e+15 NP1:0.700000e+15, 872.00000e+15, 783.00000e+15 NP2:0.2090000e+15, 819.00000e+15, 111.00000e+15

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

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

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

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

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

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

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

1000

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

WEL 22 16:42:56.0-7.0, 37.065Sx177.11E, h164km, 4km, ML3.6/13, 1C, Error ellipse: s-maj=6.8km s-min=5.9km az=0.0, Off east coast of North Island

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

JMA 22 17:20:04.1-0.1, 27.26N, 140.90E, h233km, M3.6, Bonin Islands region

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

IDC 22 17:30:28.6, 1.9, 3.53S, 149.27E, h0km, mb3.7/6, m1 3.8/6, mb1mx3.7/15, mbtmp3.7/6, MS3.4/2, Ms1 3.4/2, ms1.33/13, Error ellipse: s-maj=70.8km s-min=23.3km az=108.0

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

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

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

ISCB 22 18:30:24.4, 44.30N, 129.79W, h10km, mb4.9/4, mb4.8/5, Ms4.5/2, Ms7.4/32

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like KIW Kapiti Island, TMWZ Te Maipa, CAW Cannon Point, etc.

NIED 22 19:16:00.34:40N:140:10E, h8km, Mw4.3 Best double couple: M3.37000x1015 NP1.389,000000, d87,000000, lambda=163.000000, NP2.385,000000, d74,000000, lambda=3.000000

IDC 22 19:16:55.0,3,34:31N:140:05E, h0km, mb3.7/12, m1 3.9/15, mb1mx3.9/26, mbtmp3.8/15, ML3.9/3, MS3.6/9, m1 3.6/9, ms1mx3.3/34, Error ellipse: s-maj=23.1km s-min=12.8km az=87.0

ISCJCB 22 19:16:58.0,3,34:35N:140:06E:0.03, h33km, mb3.8/14, MS3.7/7, Error ellipse: s-maj=3.9km s-min=3.7km az=44.1

JMA 22 19:16:58.0,1,34:36N:140:05E, h24km, Mw4.4 JMA Fell II J1

NEIC 22 19:17:00.5,1.7,34:34N:140:02E, h37km, 12km, mb4.3/2, Error ellipse: s-maj=15.6km s-min=12.9km az=171.0

NEIC Recorded [JMA] on Ch Shima and [JMA] on Hachioji-shima, Kofu-shima, Miyake-shima and Nii-jima. Also recorded [JMA] in Chiba and Shizuoka.

ISC 22 19:16:59.4,0.3,34:34N:140:05E:0.03, h35km, n38, a1517/46, mb3.8/14, MS3.7/7, AC-4D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like JMY Miyakejima3, BSO3 Boso 3, JIM2 Oshima 3, etc.

mb3.5/7, Error ellipse: s-maj=11.7km s-min=8.2km az=153.2
NEIC 22 19:29:43.0,0.7,24:06S:66:95W, h173km, 7km, mb4.9/3, Error ellipse: s-maj=10.5km s-min=8.8km az=91.0
GUC 22 19:29:45.7,0.8,24:09S:67:46W, h215km, 191km, ML4.6
ISC 22 19:29:44.0,0.7,24:14S:06:66:97W, 0.07, h175km, 8km, n24, a1908/26, mb3.5/7, 1C-1D, Salta Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like CEN1 Los Morros, ANCH Antofagasta, MACH Maria Elena, etc.

IDC 22 19:37:20.3,1.1,31:59N:104:22E, h0km, mb3.3/4, m1 3.4/6, mb1mx3.3/26, mbtmp3.3/6, ML3.4/1, Error ellipse: s-maj=37.3km s-min=20.8km az=64.0

BUI 22 19:37:21.4,31:65N:104:36E, h16km, ML3.8/17, Ms3.5/4, Ms7.3/2/5

NEIC 22 19:37:21.3,0.6,31:57N:104:06E, h10km, mb4.4/1, Error ellipse: s-maj=15.4km s-min=10.4km az=57.0

ISC 22 19:37:22.9,1.1,31:60N:104:04:104:10E:0.07, h19km, 7km, n17, a1520/26, mb3.6/4, Sichuan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like CD2 Chengdu, XAN Xi'an, ENH Enshi, etc.

IDC 22 19:40:15.9,2.9,36:54N:71:06E, h210km, 28km, mb3.7/12, m1 3.9/17, mb1mx3.7/28, mbtmp3.7/17, Error ellipse: s-maj=17.7km s-min=11.2km az=21.0

NEIC 22 19:40:16.1,0.6,36:66N:71:08E, h204km, 6km, mb4.8/25, Error ellipse: s-maj=8.0km s-min=4.7km az=55.0

NINC 22 19:40:20.2,7.5,37:06N:70:86E, h204km, 67km, mb3.5, mpv4.7, Error ellipse: s-maj=65.6km s-min=36.3km az=9.0

TEH 22 19:41:02.0,35:37N:66:30E, h18km
ISC 22 19:40:15.3,0.3,36:67N:02:71:04E:0.04, h193km, 3km, h205km, 1.2km, pp-P, n131, a1524/172, mb4.1/31, 12C-19D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like KBL Kabul, CHCP Chirah Chowk, THW Thamme Wali, etc.

IDC 22 19:29:42.6,2.1,24:14S:66:99W, h164km, 19km, mb3.5/7, m1 3.8/9, mb1mx3.5/7/14, mbtmp3.5/7/14, Error ellipse: s-maj=22.2km s-min=16.9km az=94.0

ISCJCB 22 19:40:13.9,0.3,36:63N:02:71:07E:0.03, h193km, 3km, mb4.1/31, Error ellipse: s-maj=4.8km s-min=3.0km az=152.7

MOS 22 19:40:15.9,1.0,36:69N:71:17E, h213km, mb4.2/19, Error ellipse: s-maj=10.4km s-min=6.5km az=88.3

BUI 22 19:40:15.7,36:88N:71:02E, h208km, mb4.5/18, mb4.4/24

GUN Gumba 15.28 121 eP Pn 19 43 41.0 -0.1

Table with columns: JRN, Jiri, 15.65 121 eP, Pn, 19 43 45.5 -0.1, etc. Includes stations like Vostochayna, ZRNK, BVAR, RAMN, BRVK, etc.

Table with columns: HHC, Hu-ho-hao-te, 31.67 70 eP, P, 19 46 21.4 +1.0, etc. Includes stations like WHN, FINES, KEV, etc.

BUI 22 19:43:57.4, 32.77N:105.67E, h14km, ML3.6/9, Ms3.3/4, Ms7 2.9/3, Sichuan

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

LJU 22 19:45:54.9, 46.79N:14.40E, h0km, ML1.2, CSEM 22 19:45:55.1, 0.1, 46.80N:14.41E, h10km, ML1.7/5, Error ellipse: s-maj=3.2km s-min=1.7km az=159.0

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

Table with columns: OBKA, Obir, 0.29 160 Pg, Pg, 19 46 01.5 +0.6, etc. Includes stations like SOKA, MOZS, PERS, etc.

NIED 22:20:15.00, 37.40N:142.40E, h29km, Mw3.7, Best double couple: M4.19000x1014 NP1:23.00000, delta5.00000, lambda.100.00000, 7.85.00000, NP2:214.00000, delta5.00000, lambda.100.00000

ISCJTB 22:20:15.00, 37.40N:142.40E, h29km, Mw3.7, Best double couple: M4.19000x1014 NP1:23.00000, delta5.00000, lambda.100.00000, 7.85.00000, NP2:214.00000, delta5.00000, lambda.100.00000

NEIC 22:20:15.31, 0.1, 3.37, 49N:142.61E, h10km, mb4.5/2, Mw3.7(NIED), Error ellipse: s-maj=22.2km s-min=18.3km az=108.0

JMA 22:20:15.32, 0.2, 3.7, 42N:142.41E, h25km, mb3.9, Mw3.9

JMA 22:20:15.34, 0.2, 3.7, 48N:142.41E, h25km, mb3.9, Mw3.9

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EFP Efpalio, TRIZ Trizonia, KALE Kalithea, VLS Valsamata, etc.

GUC 22:20:24.46.9.0.6, 22:37S:68.67W, h120km, ML3.8, 1C-2D, Northern Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MACH Maria Elena, CEN1 Los Morros, MECH Mejillones, ANCH Antofagasta.

ISCJB 22:20:36:12.4.0.6.38, 09N, 0.05:21.56E, h232km, 6km, Error ellipse: s-maj=9.1km s-min=3.6km az=170.7

ISC 22:20:36:12.4.0.1.38, 09N, 0.05:21.56E, h20km, MD2.8, Error ellipse: s-maj=4.1km s-min=1.6km az=171.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RLS Riolos of Patr, UPV University Cam, EFP Efpalio, TRIZ Trizonia, KALE Kalithea, etc.

ISC 22:20:39:54.8.0.9, 7.82N, 126.96E, h0km, mb4, 0/11, mb1 4.1/11, mb1mx4.0/20, mbmp4.0/11, MS3.6/4

ISC 22:20:40:04.6.1.1, 7.73N, 0.05:126.82E, 0.10, h9km, 9km, mbz=170

ISC 22:20:40:06.2.1.0, 7.70N, 0.05:126.77E, 0.10, h88km, 8km, Error ellipse: s-maj=25.9km s-min=11.3km az=71.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MATI Mati, DAV Davao City (W), DAV Davao City (E), BUTP Butuan, etc.

NEIC 22:21:01:50.5.2.5, 24.69N, 143.58E, h127km, 21km, mb4.3/5, Error ellipse: s-maj=17.4km s-min=10.7km az=123.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, WRAB Tennant Creek, CMAR Chiang Mai Arr, MBWA Marble Bar, etc.

GUC 22:20:49:40.8.0.32, 08S:71.73W, h24km, 5km, MD3.8, ML2.7, 4C, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHNG Los Chungos, ROCH El Roble, CMCH Combarbala, etc.

NEIC 22:20:49:40.8.32, 08S:71.73W, h24km, ML2.7(GUC), After GUC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GLHS Gihisar (BURDU), GOLH Golhisar, ELL Elmal, etc.

GUC 22:20:49:40.8.0.32, 08S:71.73W, h24km, 5km, MD3.8, ML2.7, 4C, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JACH Jahuel, FCH Farellones, LMEL Las Melosas, etc.

KRSC 22:20:56:24.0.1.0, 54.09N, 161.67E, h15km, 15km, ML3.5, Error ellipse: s-maj=16.2km s-min=7.5km

ISC 22:20:56:24.0.1.0, 54.09N, 161.67E, h15km, 15km, ML3.5, Error ellipse: s-maj=25.9km s-min=11.3km az=71.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MKZ Mys Kozlova, KII Karymskiy, SPN Mys Shqipunski, etc.

NEIC 22:21:01:50.5.2.5, 24.69N, 143.58E, h127km, 21km, mb4.3/5, Error ellipse: s-maj=17.4km s-min=10.7km az=123.0

ISC 22:21:02:06.0.6.5, 24.77N, 143.18E, h257km, 48km, mb3.2/2, mb1 3.1/4, mb1mx2.8/24, mbtmp3.2/4, Error ellipse: s-maj=229.5km s-min=74.5km az=52.0, Volcano Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CBIJ Chichi jima, MAJO Matsushiro, KRSR Korus Array, etc.

ISCJB 22:21:06:57.4.0.5, 46.64N, 0.05:146.67E, 0.08, h327km, 4km, mb3.6/21, Error ellipse: s-maj=9.3km s-min=8.2km az=20.2

MOS 22:21:06:57.0.6.46, 72N, 146.62E, h331km, mb3.7/9, Error ellipse: s-maj=12.5km s-min=10.3km az=82.6

ISC 22:21:06:58.9.1.4, 46.78N, 146.59E, h319km, 16km, mb3.3/9, mb1 3.5/12, mb1mx3.3/25, mbtmp3.3/12, Error ellipse: s-maj=20.9km s-min=14.3km az=167.0

JMA 22:21:06:58.7.0.5, 46.13N, 146.87E, h357km, M3.9, NEIC 22:21:06:58.9.1.4, 46.78N, 146.61E, h324km, 5km, mb3.8/14, Error ellipse: s-maj=6.9km s-min=5.4km az=136.0

ISC 22:21:06:58.2.0.5, 46.65N, 0.05:146.70E, 0.08, h319km, 4km, n69, n10482, mb3.6/21, 1C, Northwest of Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YSS Yuzh-Sakhalins, JRA Rausu, JTKR Abashiri-Toko, etc.

NEIC 22:20:49:40.8.32, 08S:71.73W, h24km, ML2.7(GUC), After GUC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JAK Akkeshi, JAK Ashoruro, JAR Churubi, etc.

ISC 22:20:56:24.0.1.0, 54.09N, 161.67E, h15km, 15km, ML3.5, Error ellipse: s-maj=16.2km s-min=7.5km

ISC 22:20:56:24.0.1.0, 54.09N, 161.67E, h15km, 15km, ML3.5, Error ellipse: s-maj=25.9km s-min=11.3km az=71.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SONM, Talaya, Taipei, Ta-pu, Guam, Gaotai, College, Eielson Array, etc.

ISC 22 21:11:14.71.4.0, 31.62N, 104.37E, h0km, mb3.4/4, mb1 3.5/5, mb1mx3.3/24, mbtmp3.4/5, Error ellipse: s-maj=42.5km s-min=23.8km az=49.0

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

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

ISC 22 21:18:41.8.1.9, 30.62N, 107.94E, h7km, 12km, mb4.0/10, Error ellipse: s-maj=11.5km s-min=9.0km az=155.4

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

ISC 22 21:19:11.1.1.0, 31.63N, 104.60E, h1km, 7km, n24, c093/36, mb4.0/10, Xizang

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ALBI, Allahabad, CMAR, Chiang Mai Arr, etc.

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

| | | | | | |
|-------|--|------------|------|-------|------------------|
| AAK | Ala-Archa | 35.13 338c | iP | P | 21 26 37.0 +2.1 |
| AAK | comp=Z,6.0nm,1.2s,mb4.4 | | | pmax | |
| AAK | Ala-Archa | 35.13 338 | eP | P | 21 26 36.0 +1.0 |
| EKS2 | Erkin-Say | 35.42 337 | eP | P | 21 26 39.5 +2.0 |
| EKS2 | Erkin-Say | 35.42 337 | eP | P | 21 26 38.4 +0.9 |
| EKS2 | Erkin-Say | 35.42 337 | eP | P | 21 26 38.4 +0.9 |
| USP | Ospenovka | 35.67 338 | P | P | 21 26 40.8 +1.2 |
| BJI | Beijing | 36.31 32 | P | P | 21 26 45.8 +0.6 |
| BJI | comp=N,2jum,13.6s,MS5.3 | | | LR LR | |
| BJI | comp=E,3jum,14.4s,MS5.3 | | | LR LR | |
| MK31 | Makanchi Array | 36.78 349 | eP | P | 21 26 49.7 +0.6 |
| MKAR | Makanchi Array | 36.78 349 | P | P | 21 26 49.6 +0.6 |
| MKAR | comp=Z,15nm,0.8s,baz=171,slow=9,SNR=17 | | | pP | 21 26 57.8 +0.4 |
| MKAR | comp=Z,1.9nm,0.6s,baz=201,slow=2.9,SNR=3.6 | | | pP | 21 29 10.7 -0.2 |
| SONM | Songino Array | 38.95 16 | P | P | 21 27 108.1 +0.8 |
| SONM | comp=Z,2.2nm,0.8s,baz=199,slow=4.3,SNR=5.4 | | | pP | 21 29 18.6 +1.0 |
| ULN | Ulanbaatar | 39.16 16 | eP | P | 21 27 08.9 -0.2 |
| KURK | Kurchatov | 41.26 347 | eP | P | 21 27 27.0 +0.5 |
| KURK | comp=Z,1.4nm,1.0s,mb4.5 | | | pmax | |
| KURK | Kurchatov | 41.26 347 | eP | P | 21 27 27.0 +0.5 |
| MOY | Monday | 41.47 9 | eP | P | 21 27 29.3 +1.1 |
| TLV | Talaya | 41.93 11 | eP | P | 21 27 34.0 +2.1 |
| TLV | comp=Z,12nm,1.4s,mb4.3 | | | pmax | |
| TLV | Talaya | 41.93 11 | eP | P | 21 27 32.0 +0.1 |
| KSR5 | Korea Array | 41.96 45 | P | P | 21 27 31.8 -0.7 |
| KSR5 | Korea Array | 41.96 45 | P | P | 21 27 31.8 -0.6 |
| MBWA | Marble Bar | 41.99 139 | eP | P | 21 27 32.4 -0.5 |
| ZALV | Zalesovo Beam | 43.41 354 | P | P | 21 27 44.1 +0.2 |
| CN2 | Changchun | 43.95 35 | eP | P | 21 27 48.3 -0.2 |
| CN2 | comp=Z,2.0nm,0.6s,mb5.0 | | | pmax | |
| CN2 | comp=N,1jum,11.0s,MS5.2 | | | LR LR | |
| CN2 | comp=E,900nm,11.0s,MS5.2 | | | LR LR | |
| FITZ | Fitzroy Crossi | 44.08 130 | eP | P | 21 27 48.4 -1.4 |
| FITZ | comp=Z,2.0nm,0.6s,mb4.5 | | | pP | 21 27 49.4 -0.4 |
| FITZ | Fitzroy Crossi | 44.08 130 | eP | P | 21 27 58.0 -0.3 |
| FITZ | comp=Z,2.9nm,0.5s,mb4.7,baz=307,slow=6.1,SNR=4.5 | | | pP | 21 27 58.0 -0.3 |
| FITZ | comp=Z,9.7nm,0.5s,baz=313,slow=5.9,SNR=5.0 | | | pP | 21 27 48.8 -1.0 |
| NVS | Novosibirsk | 44.47 353 | eP | P | 21 27 51.7 -0.7 |
| NVS | comp=Z,1.1nm,1.5s,mb4.4 | | | pmax | |
| NVS | comp=N,9.0nm,1.4s | | | pmax | |
| NVS | comp=E,6.0nm,1.4s | | | pmax | |
| HIA | Hailar | 44.88 26 | eP | P | 21 27 55.1 -0.7 |
| BVAR | Borovoye Arr | 45.51 342 | P | P | 21 28 01.0 +0.3 |
| BVAR | comp=E,1.4nm,0.5s,mb4.2,baz=156,slow=7.8,SNR=16 | | | pP | 21 29 39.6 +0.4 |
| BRVK | Borovoye | 45.57 342 | iP | P | 21 28 01.3 +0.1 |
| BRVK | comp=Z,7.0nm,1.7s,mb4.3 | | | pmax | |
| BRVK | Borovoye | 45.57 342 | eP | P | 21 28 01.6 +0.5 |
| AKBAR | Aktubinsk | 45.57 332 | eP | P | 21 28 09.5 +0.4 |
| AKTK | Aktubinsk | 48.28 332 | P | P | 21 28 22.9 +0.4 |
| AKTK | Aktubinsk | 48.28 332 | P | P | 21 28 22.9 +0.4 |
| MJAR | Matsushiro Arr | 49.07 51 | P | P | 21 28 28.7 -0.1 |
| MJAR | comp=Z,1.7nm,0.8s,mb4.1,baz=242,slow=7.3,SNR=6.5 | | | pP | 21 29 52.9 +0.7 |
| NWAO | Narogin (SRO) | 49.80 152 | P | P | 21 28 34.0 -0.3 |
| NWAO | comp=Z,1.3nm,0.8s,mb5.0,baz=306,slow=7.0,SNR=5.5 | | | pP | 21 28 41.4 -1.4 |
| NWAO | Narogin (SRO) | 49.80 152 | P | P | 21 28 34.0 -0.3 |
| NWAO | comp=Z,1.3nm,0.8s | | | pmax | |
| NWAO | comp=Z,6.0nm,0.6s | | | pmax | |
| NWAO | Narogin (SRO) | 49.80 152 | eP | P | 21 28 33.0 -1.3 |
| JAY | Jayapura | 50.48 102 | P | P | 21 28 57.7 +5.9 |
| GNI | Garni | 50.73 314 | P | P | 21 28 43.1 +1.8 |
| GNI | comp=Z,2.9nm,0.5s,mb4.4,baz=161,slow=8.0,SNR=5.6 | | | pP | 21 28 43.2 +1.9 |
| GNI | Garni | 50.73 314 | eP | P | 21 28 42.1 +0.8 |
| GNI | comp=Z,4.0nm,1.7s | | | pP | 21 28 50.5 +1.1 |
| SVE | Sverdlovsk | 51.85 339 | eP | P | 21 28 50.5 +1.1 |
| SVE | comp=Z,26nm,1.3s,mb5.0 | | | pmax | |
| WRA | Warramunga Arr | 51.87 126 | P | P | 21 28 49.4 -0.7 |
| WRAB | Tennant Creek | 51.87 126 | eP | P | 21 28 49.2 -0.9 |
| WRAB | Tennant Creek | 51.87 126 | P | P | 21 29 00.9 -1.2 |
| ARU | Arti | 52.31 337 | d/iP | P | 21 28 52.9 +0.0 |
| ARU | comp=Z,2.7nm,0.7s | | | S | 21 30 53.2 |
| ARU | Arti | 52.31 337 | eP | P | 21 36 18.9 +2.5 |
| ARU | comp=Z,1.1nm,0.7s,mb4.8 | | | SS | 21 39 56.8 +2.6 |
| ARU | Arti | 52.31 337 | eP | P | 21 28 52.8 -0.1 |
| ZEI | Tsey | 52.31 316 | eP | P | 21 29 01.5 +8.4 |
| ZEI | comp=Z,13nm,0.4s,mb5.2 | | | pmax | |
| ASAR | Alice Springs | 53.58 130 | P | P | 21 29 02.3 -0.4 |
| ASAR | comp=Z,3.1nm,0.9s,mb4.2,baz=306,slow=6.8,SNR=4.2 | | | pP | 21 29 10.9 -0.4 |
| ASAR | comp=Z,9.4nm,0.7s,baz=308,slow=7.3,SNR=7.9 | | | pP | 21 30 09.6 +0.4 |
| KIV | Kislovodsk | 53.59 317 | eP | P | 21 29 03.3 +0.0 |
| KIV | comp=Z,1.9nm,0.7s,mb5.1 | | | MLR | |
| KIV | comp=Z,92nm,17.0s,MS3.9 | | | MLR | |
| KIV | Kislovodsk | 53.59 317 | eP | P | 21 29 03.4 +0.9 |
| ASAJ | Asahikawa | 54.86 43 | P | P | 21 29 11.1 -0.7 |
| ASAJ | comp=Z,2.7nm,0.5s,mb4.4,baz=180,slow=2.0,SNR=4.4 | | | pP | 21 29 11.1 -0.7 |
| ASAJ | Asahikawa | 54.86 43 | P | P | 21 29 11.1 -0.7 |
| SOKR | Solkamsk | 55.26 339 | d/iP | P | 21 29 14.8 +0.5 |
| SOKR | comp=Z,10.0nm,0.9s,mb4.8 | | | pmax | |
| KMBO | Kilima Mbogo | 55.45 261 | P | P | 21 29 18.9 +2.4 |
| KMBO | comp=Z,1.7nm,0.9s,mb4.1,baz=180,slow=20,SNR=3.1 | | | pP | 21 29 27.2 +2.0 |
| KMBO | Kilima Mbogo | 55.45 261 | P | P | 21 29 18.9 +2.4 |
| KMBO | comp=Z,2.0nm,0.9s | | | pP | 21 29 27.2 +2.0 |
| KMBO | comp=Z,3.0nm,1.0s | | | pmax | |
| KMBO | Kilima Mbogo | 55.45 261 | eP | P | 21 29 18.5 +1.9 |

| | | | | | |
|-------|---|-----------|----|------|-----------------|
| YSS | Yuzh-Sakhalins | 56.03 40 | iP | P | 21 29 20.8 +0.7 |
| YSS | comp=Z,25nm,1.1s,mb5.2 | | | pmax | |
| YSS | Yuzh-Sakhalins | 56.03 40 | eP | P | 21 29 20.0 -0.1 |
| VRHR | Novokhovorsk | 57.22 325 | eP | P | 21 29 28.3 -0.2 |
| VRHR | comp=N,8.0nm,0.8s | | | pmax | 21 29 36.9 -0.3 |
| VRHR | comp=N,8.0nm,0.8s | | | pmax | |
| VRHR | comp=E,9.0nm,0.8s | | | pmax | |
| ANN | Anapa | 57.41 317 | eP | P | 21 29 33.8 +3.8 |
| ANN | comp=Z,2.0nm,0.8s,mb5.2 | | | pP | 21 30 26.2 |
| ANN | Anapa | 57.41 317 | eP | P | 21 33 04.8 |
| ANN | comp=Z,4.2nm,1.1s,mb5.4 | | | eS | 21 37 32.4 +7.2 |
| ANN | comp=Z,176nm,16.0s,MS4.3 | | | MLR | |
| YAK | Yakutsk | 58.05 20 | eP | P | 21 29 33.2 -1.0 |
| YAK | comp=Z,24nm,0.9s,mb5.2 | | | pmax | |
| YAK | comp=N,10.0nm,1.6s | | | pmax | |
| YAK | comp=E,10.0nm,1.5s | | | pmax | |
| YAK | Yakutsk | 58.05 20 | eP | P | 21 29 34.1 0.0 |
| WORD | Divnogorie | 58.49 324 | eP | P | 21 29 37.1 -0.3 |
| WORD | comp=N,10.0nm,0.5s | | | pmax | 21 29 45.5 -0.7 |
| WORD | comp=N,10.0nm,0.5s | | | pmax | |
| WORD | comp=E,10.0nm,0.5s | | | pmax | |
| PMG | Port Moresby | 58.66 108 | P | P | 21 29 37.8 -1.4 |
| VSR | Storozhevo | 58.67 324 | eP | P | 21 29 38.1 -0.6 |
| VSR | comp=N,5.0nm,0.8s | | | pmax | 21 29 46.5 -0.9 |
| VSR | comp=E,6.0nm,0.8s | | | pmax | |
| BR131 | Reskin Array | 58.76 310 | eP | P | 21 29 39.0 -0.5 |
| BRTR | Reskin Array | 58.76 310 | eP | P | 21 29 38.9 -0.6 |
| BRTR | comp=Z,2.7nm,0.7s,mb4.4,baz=118,slow=8.0,SNR=18 | | | pP | 21 29 47.4 -0.9 |
| BRTR | comp=Z,2.9nm,0.7s,baz=128,slow=7.3,SNR=11 | | | LR | 22 00 01.4 |
| BRTR | Reskin Array | 58.76 310 | eP | P | 21 29 38.9 -0.6 |
| BRTR | comp=Z,68nm,20.3s,MS3.8,baz=264,slow=41 | | | pP | 21 29 47.8 -0.6 |
| SIM | Simferopol' | 59.71 316 | eP | P | 21 29 46.0 0.0 |
| SIM | comp=Z,9.0nm,0.9s,mb4.8 | | | pmax | |
| OBN | Obninsk | 61.68 328 | eP | P | 21 29 59.4 +0.2 |
| OBN | comp=Z,2.0nm,19.0s,MS4.3 | | | i'pP | 21 30 07.6 -0.3 |
| OBN | comp=Z,26nm,1.6s,mb5.1 | | | eS | 21 38 12.7 -7.2 |
| OBN | comp=Z,26nm,1.6s,mb5.1 | | | MLR | |
| MBAR | Mbarara | 61.68 263 | iP | P | 21 30 05.5 +1.6 |
| MBAR | comp=Z,2.0nm,19.0s,MS4.3 | | | e'pP | 21 30 09.2 +0.5 |
| QLP | Quilpie | 63.06 127 | iP | P | 21 30 09.9 +1.0 |
| TIRR | Tirgurov | 63.54 314 | eP | P | 21 30 11.8 -0.3 |
| TIRR | comp=Z,5.5nm,0.5s,mb4.8 | | | pP | 21 30 20.0 -0.6 |
| STKA | Stevens Creek | 63.81 134 | eP | P | 21 30 14.1 +0.3 |
| STKA | comp=Z,5.5nm,0.5s,mb4.8 | | | pP | 21 30 14.4 +0.6 |
| STKA | Stevens Creek | 63.81 134 | eP | P | 21 30 14.4 +0.6 |
| STKA | comp=Z,7.6nm,0.6s,mb4.9,baz=318,slow=5.0,SNR=30 | | | pP | 21 30 22.8 +0.2 |
| STKA | Stevens Creek | 63.81 134 | eP | P | 21 30 14.4 +0.6 |
| STKA | comp=Z,8.3nm,0.6s,baz=316,slow=6.3,SNR=8.4 | | | 'pP | 21 30 24.8 +0.2 |
| STKA | Stevens Creek | 63.81 134 | eP | P | 21 30 14.4 +0.6 |
| STKA | comp=Z,8.0nm,0.6s | | | pmax | |
| STKA | Stevens Creek | 63.81 134 | eP | P | 21 30 13.7 0.0 |
| AKASG | Malin Array Be | 64.42 321 | P | P | 21 30 16.4 -1.1 |
| AKASG | comp=Z,3.5nm,0.6s,mb4.5,baz=87,slow=5.5,SNR=16 | | | pP | 21 30 25.1 -1.2 |
| AKASG | Malin Array Be | 64.42 321 | P | P | 21 30 16.4 -1.1 |
| AKASG | comp=Z,4.0nm,0.7s,baz=88,slow=5.0,SNR=7.5 | | | pP | 21 30 25.1 -1.2 |
| VRI | Vrincioiaia | 64.98 316 | iP | P | 21 30 22.2 +0.9 |
| VRI | Vrincioiaia | 64.98 316 | iP | P | 21 30 22.2 +0.9 |
| PLOH | Plostina | 65.03 316 | iP | P | 21 30 22.5 +0.9 |
| PLOH | Plostina | 65.03 316 | iP | P | 21 30 22.5 +0.9 |
| TESR | Muntele Rosu | 65.16 316 | iP | P | 21 30 22.3 -0.1 |
| TESR | Muntele Rosu | 65.16 316 | iP | P | 21 30 22.3 -0.1 |
| MLR | Muntele Rosu | 65.45 315 | iP | P | 21 30 24.8 +0.5 |
| MLR | Muntele Rosu | 65.45 315 | iP | P | 21 30 24.8 +0.5 |
| BURAR | Bucovina Arr | 66.32 317 | eP | P | 21 30 30.2 +0.3 |
| BURAR | Bucovina Arr | 66.32 317 | eP | P | 21 30 30.2 +0.3 |
| BUR08 | Bucovina Ar. S | 66.34 317 | eP | P | 21 30 30.3 +0.3 |
| TNR | Turnu Rosu | 66.64 315 | iP | sP | 21 30 46.8 +2.7 |
| TNR | Turnu Rosu | 66.64 315 | iP | sP | 21 30 46.8 +2.7 |
| IDID | Didziasalis | 67.06 326 | eP | AMB | 21 30 34.5 -0.1 |
| IDID | comp=Z,6.9nm,0.9s,mb4.7 | | | AMB | 21 30 35.5 |
| PETK | Petrovavlovsk | 67.08 37 | P | P | 21 30 34.0 -0.6 |
| DRGR | Kangasniemi | 67.88 316 | iP | P | 21 30 35.1 -0.2 |
| DRGR | Kangasniemi | 67.88 316 | iP | P | 21 30 35.1 -0.2 |
| LSZ | Lusaka | 68.05 249 | eP | P | 21 30 35.1 -0.2 |
| LSZ | comp=Z,5.0nm,1.0s,mb4.5 | | | pmax | |
| LSZ | Lusaka | 68.05 249 | eP | P | 21 30 41.9 +0.5 |
| LSZ | comp=Z,5.0nm,1.0s,mb4.5 | | | pP | 21 30 41.9 +0.5 |
| KWP | Kalvaria Pacla | 68.30 319 | eP | P | 21 30 42.7 +0.3 |
| BZS | Buzias | 68.48 315 | iP | P | 21 30 41.1 -2.5 |
| BZS | Buzias | 68.48 315 | iP | P | 21 30 41.1 -2.5 |
| SUW | Suwalki | 68.78 324 | eP | P | 21 30 44.5 -0.8 |
| SUW | Suwalki | 68.78 324 | eP | P | 21 30 44.5 -0.8 |
| SUW | comp=Z,4.2nm,1.3s,mb5.2 | | | pmax | |
| SUW | Suwalki | 68.78 324 | eP | P | 21 30 44.5 -0.8 |
| SUW | comp=Z,4.2nm,1.3s,mb5.2 | | | pP | 21 30 44.5 -0.8 |
| CRVS | Cervenica-Dubn | 69.00 318 | eP | P | 21 30 46.9 +0.1 |
| CRVS | Cervenica-Dubn | 69.00 318 | eP | P | 21 30 46.9 +0.1 |
| FINES | FINES Array B | 69.06 332 | P | P | 21 30 46.8 0.0 |
| FINES | comp=Z,1.2nm,0.7s,mb4.9,baz=110,slow=6.2,SNR=29 | | | pP | 21 30 55.3 -0.4 |
| FINES | comp=Z,9.9nm,0.7s,baz=108,slow=6.2,SNR=8.9 | | | pP | 21 30 46.7 -0.7 |
| KAF | Kangasniemi | 69.14 333 | eP | P | 21 30 46.7 -0.7 |
| KAF | comp=Z,11nm,0.8s,mb4.8 | | | pmax | |
| KAF | Kangasniemi | 69.14 333 | eP | P | 21 30 46.7 -0.7 |
| KAF | comp=Z,11nm,0.8s,mb4.8 | | | pP | 21 30 46.7 -0.7 |
| PKSM | Moragy | 70.61 315 | iP | P | 21 30 56.0 -0.7 |
| PKSM | Moragy | 70.61 315 | iP | P | 21 30 56.0 -0.7 |
| VYHS | Vyhne | 70.68 318 | eP | P | 21 30 56.2 -0.9 |
| VYHS | Vyhne | 70.68 318 | eP | P | 21 30 56.2 -0.9 |

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Montbardon, Bardonecchia, Haudompre, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Sonseca Array, Tatalina, Summit, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like HHC, HHC, HHC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Castro Verde, Molin, Wetzelt, etc.

NEIC 22:22:44:03.0, 18.86°N-68.48°W, h100km, MD3.4(RSPR), After RSPR.

RSPR 22:22:44:03.0, 18.86°N-68.48°W, h100km, 4km, MD3.4/13, 6C-5D, Mona Passage

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Agudilla, Las Mesas, Cabo Rojo, etc.

NIED 22:22:45:00, 21.00°N-121.20°E, h17km, Mw4.2 Best double couple: Ms2.550000x1015 NP1s190.00000, s88.00000, lambda=167.00000...

NEIC 22:22:45:42.8, 0.8, 20.70°N-120.65°E, h10km, mb4.24, Error ellipse: s-maj=16.4km s-min=8.7km az=124.0

BJJ 22:22:45:43.9, 20.87°N-121.75°E, h15km, mb4.4/1, mb4.1/7, Ms3.8/4, Ms7.3/4

IDC 22:22:45:47.3, 0.9, 21.02°N-121.06°E, h0km, mb3.8/8, mb1.4/0.9, mb1mx3.8/22, mbmtpp3.9/9, ML4.1/1, MS3.8/2, Ms1.3/8.2, ms1mx3.1/25, Error ellipse: s-maj=27.1km s-min=18.3km az=86.0

ISCJB 22:22:45:47.8, 0.7, 20.92°N-121.08°E, h71km, 6km, mb3.8/12, Error ellipse: s-maj=8.3km s-min=5.4km az=154.1

TAP 22:22:45:49.0, 21.02°N-121.12°E, h70km, 1km, ML4.4, D

JMA 22:22:45:50.2, 0.3, 21.02°N-121.21°E, h57km, ML4.4, D

ISC 22:22:45:48.4, 0.7, 20.98°N-121.02°E, h60km, 7km, n78, c104/105, mb3.9/12, MS3.7/3, 2D, Philippine Islands region

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

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

BJJ 22:22:46:13.7, 15.10°S-173.00°W, h10km, mb5.3/20, mb5.1/31, Ms5.0/25, Ms7.4/22

NEIC 22:22:46:15.8, 0.2, 15.13°S-173.03°W, h10km, mb5.2/57, Ms5.0/5, Error ellipse: s-maj=8.9km s-min=4.9km az=147.0

MOS 22:22:46:16.8, 1.2, 14.91°S-173.06°W, h20km, mb5.3/24, Ms5.0/16, Error ellipse: s-maj=11.7km s-min=7.3km az=60.4

SZGRF 22:22:46:17.7, 15.85°S-172.84°W, h33km, mb4.9, Samoa Islands region

ISCJB 22:22:46:21.2, 0.2, 15.16°S-173.11°W, h64km, mb5.1/92, Error ellipse: s-maj=8.6km s-min=4.3km az=157.3

IDC 22:22:46:23.7, 0.5, 15.31°S-173.01°W, h76km, 4km, mb4.6/20, mb1.4/7.20, mb1mx4.7/23, mbmtpp4.6/20, MS4.5/17, Ms1.4/5.17, ms1mx4.4/18, Error ellipse: s-maj=19.5km s-min=10.6km az=136.0

GCMT 22:22:46:24.9, 0.2, 14.79°S-173.10°W, h12km, MW5.4, Moment Tensor Solution, s90.673; s91.143; Moment tensor: Scale 10^17Nm; m-0.33e-01; Mw0.48t-02; Mw-0.15t-02; Mw-1.5t-03; Mw0.21t-01; Mw0.23t-03; Best double couple: Mo1.60000x1017 NP1s221.00000, lambda=12.00000, lambda=147.00000, NP2s98.00000, s83.00000, lambda=80.00000. Principal axes: T1.6400, Plg37.0000, Azm179.0000; N -0.0800, Plg10.0000; Azm277.0000; P -1.5600, Plg51.0000; Azm20.0000; Data Used: II U I C G CW.

ISC 22:22:46:23.0, 0.2, 15.20°S-173.11°W, h0.04, h66km, h66km, 2.3km, pp-P, n838, s0.62/609, mb4.9/9.2, 204C-278D, Tonga Islands

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

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

Table with columns: ID, Name, Value, Unit, Status, etc. Rows include Brimhall, Springville, Larsen Ranch, etc.

Table with columns: ID, Name, Value, Unit, Status, etc. Rows include Cripple Cowboy, Caldwell Ranch, Gardner Draw, etc.

Table with columns: ID, Name, Value, Unit, Status, etc. Rows include Elida, Nye Farm, X Bar L Ranch, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like MAJO Matsushiro, ERM Erimo, HJH Hachioji jima 2, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like ARCES comp=Z,4.0nm,0.9s, KAF Kangasniemi, KAF Kangasniemi, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like URZ Urewera, URZ Urewera, URZ Urewera, etc.

IDC 23 01:58:40.3z:1.2, 15:78S:172:84W, h0km, mb4.0/7, ms1 4.3/7, mt1mx4.1/18, mbtm4.0/7, MS3.9/2, Ms1 3.9/2, ms1mx3.3/23, Error ellipse: s-maj=65.3km s-min=22.2km az=145.0

IS/CJB 23 01:58:43.2z:1.1, 15:9S:0:3:172:9W:0:3, h33km, mb4.1/10, MS3.8/2, Error ellipse: s-maj=53.2km s-min=18.4km az=142.1

NEIC 23 01:58:45.5z:0.8, 15:80S:172:87W, h35km, mb4.4/3, Error ellipse: s-maj=41.8km s-min=14.7km az=140.0

ISC 23 01:58:45.2z:1.1, 15:9S:0:3:172:9W:0:3, h35km, n21, MS3.8/2, Samoa Islands region

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like AFI Afiamalu, AFI Afiamalu, AFI Afiamalu, etc.

ISC/JB 23 02:18:14.7z:0.5, 30:88S:0:04:177:54W:0:10, h33km, mb4.8/19, MS4.4/8, Error ellipse: s-maj=13.1km s-min=4.3km az=21.2

MOS 23 02:18:16.7z:1.1, 30:27S:177:72W, h37km, mb5.0/5, Error ellipse: s-maj=18.0km s-min=14.9km az=80.2

IDC 23 02:18:18.4z:0.5, 30:30S:177:71W, h42km, mb4.2/8, Ms1 4.0/7, ms1mx3.7/20, Error ellipse: s-maj=19.9km s-min=7.4km az=84.0

NEIC 23 02:18:19.5z:1.2, 30:22S:177:69W, h53km, mb5.0/12, Error ellipse: s-maj=13.1km s-min=8.9km az=135.0

ISC 23 02:18:16.9z:0.5, 30:78S:0:04:177:53W:0:09, h35km, n45km, n2, PKP-P, n124, s=160/69, mb4.8/19, MS4.4/8, IC, Kermadec Islands

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like RAO Raoul Island, RAO Raoul Island, RAO Raoul Island, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KBL Kabul, BVAR Borovoye Array, BRVK Borovoye, etc.

IDC 23 02:28:38.1-2.6, 22.81S-179.20E, h0km, mb3.8/5, mb1 4.2/5, mb1mx4.0/15, mbtmp3.8/5, Error ellipse: s-maj=167.1km s-min=33.5km az=157.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, NVAR Nima Array, TXAR Lajitas Array, etc.

IDC 23 03:03:22.0-2.0, 15.27S-173.09W, h0km, mb3.5/4, mb1 3.9/4, mb1mx3.7/17, mbtmp3.5/4, Error ellipse: s-maj=111.6km s-min=25.2km az=147.0, Tonga Islands

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AFI Afiamalu, ASAR Alice Springs, TXAR Lajitas Array, etc.

ISC/JB 23 03:15:26.6-0.6, 43.06N-103.47:79E, h10km, Error ellipse: s-maj=4.4km s-min=3.2km az=138.4, MOS 23 03:15:28.4-1.1, 42.99N:47.68E, h11km, mb4.4/1, Error ellipse: s-maj=8.5km s-min=6.4km az=11.9, MOS Felt (III) at Makhachkala, CSEM 23 03:15:28.4-0.4, 43.02N:47.72E, h2km, mb4.4, Error ellipse: s-maj=7.4km s-min=5.2km az=53.0, ISC 23 03:15:27.9-0.5, 43.05N-103.47:73E, h10km, n65, r=143/115, 1C-3D, Eastern Caucasus

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MAK Makhachkala, MNSR Manas, MNSR Manas, etc.

Main table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like UNCR Dylm, UNCR Dylm, UNCR Dylm, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMPO Campotto Po, CMPO Campotto Po, CMPO Campotto Po, etc.

23D 3h

Table with columns: Station Name, Frequency, Power, and other parameters. Includes stations like BUA Buia, BAD Bernadia, COLI Colorado, etc.

2008 JUL

Table with columns: Station Name, Frequency, Power, and other parameters. Includes stations like MBDF Montbardon, LAG La Plagne, BNF Bardonecchia, etc.

1020

Table with columns: Station Name, Frequency, Power, and other parameters. Includes stations like NKZ Novy Kostel, MEZF Matiziers J'vi, MEZF PRU Pruhonic, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Ohasama, Okura, Ouri, Atsumi, Shirataki, Matsushiro Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BESE Bessie Mountai, SKAG Skagway, SIT Sitka, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHICHI jima, Eielson Array, etc.

ISCJB 23 05:04:30.5, 0.7, 42.2S; 0.2x18.4W; 0.1, h10km, mb4.2/9, MS3.6/6, Error ellipse: s-maj=25.6km s-min=14.0km az=172.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NEIC 23 05:04:32.1, 0.5, 42.18S; 18.43W, h10km, mb4.5/2, Error ellipse: s-maj=19.7km s-min=10.7km az=172.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NEIC 23 05:06:36.0, 58.28N; 133.52W, h1km, ML3.2(PGC), ML2.8(AEIC), After PGC.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JSJ2 Shira, JSR Shiruchi, JOT Ohata, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like YUK Yuzh-Kuril sk, YUK Yuzh-Kuril sk, etc.

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

ISCJB 23 05:04:30.5, 0.7, 42.2S; 0.2x18.4W; 0.1, h10km, mb4.2/9, MS3.6/6, Error ellipse: s-maj=25.6km s-min=14.0km az=172.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZALV Zalesovo Beam, MK31 Makanchi Array, MKAR Makanchi Array, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SZGRF 23 05:14:16.7, 19.86S; 179.25W, h33km, Fiji Islands region, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSFV Nonsavu, AFI Afiamalu, AFI Afiamalu, etc.

| | | | | | | |
|-------|---------------------------------|------------|--------|------------|------------|------|
| G06A | Carlson Farm, baz=145,SNR=14 | 144.85 102 | ↑P | PKPdf | 08 32 14.8 | -0.9 |
| L14A | Malta, baz=145,SNR=25 | 144.85 113 | ↑P | PKPdf | 08 32 14.6 | -1.2 |
| Q24A | Divide, baz=145,SNR=9.1 | 144.88 124 | ↑P | PKPdf | 08 32 16.1 | +0.2 |
| O20A | White River Ci, baz=145,SNR=9.1 | 144.92 120 | ↑P | PKPdf | 08 32 15.5 | -0.4 |
| OXF | Oxford, 144.92 148 | ePKPbc | PKPdf | 08 32 15.9 | -0.3 | |
| G0GA | Godfrey, 144.93 157 | ePKPbc | PKPdf | 08 32 15.3 | -0.9 | |
| P23A | Jefferson, 145.03 123 | ↑P | PKPdf | 08 32 16.1 | +0.5 | |
| HWUT | Hardware Ranch, 145.07 115 | ePKPbc | PKPbc | 08 32 16.8 | +1.2 | |
| K25A | Stover Farm, H, 145.08 111 | ↑P | PKPbc | 08 32 15.9 | +0.3 | |
| Q13A | Bedland, Calcha, 145.12 126 | ↑P | PKPbc | 08 32 15.3 | -0.6 | |
| L15A | Malad City, 145.13 114 | ↑P | PKPbc | 08 32 15.4 | -0.5 | |
| N18A | Larsen Ranch, baz=145 | 145.18 118 | ↑P | PKPbc | 08 32 15.6 | -0.4 |
| J12A | Stokes Ranch, baz=145,SNR=34 | 145.23 109 | ↑P | PKPbc | 08 32 15.8 | -0.4 |
| O21A | Pagoda, baz=145 | 145.25 121 | ↑P | PKPbc | 08 32 16.0 | -0.3 |
| M17A | Scullips Gap (B, baz=145,SNR=11 | 145.27 116 | ↑P | PKPbc | 08 32 15.9 | -0.5 |
| N19A | John Jarvis Ra, baz=145 | 145.28 118 | ↑P | PKPbc | 08 32 16.2 | -0.2 |
| K14A | Jones Ranch, D, baz=146,SNR=20 | 145.32 112 | ↑P | PKPbc | 08 32 16.2 | -0.2 |
| NLW4 | Neilton Lookou, baz=146 | 145.40 96 | ↑P | PKPdf | 08 32 16.6 | +0.1 |
| NLWA | Neilton Lookou, baz=146,SNR=15 | 145.40 96 | ePKPbc | PKPbc | 08 32 16.0 | +1.5 |
| M18A | Lyman, 145.44 117 | ↑P | PKPdf | 08 32 16.7 | -0.2 | |
| P24A | Kohler Place, 145.46 124 | ↑P | PKPdf | 08 32 17.1 | +0.2 | |
| L16A | Fish Haven, baz=146,SNR=10.0 | 145.48 115 | ↑P | PKPdf | 08 32 16.6 | -0.3 |
| ISCO | Idaho Springs, baz=146,SNR=3.2 | 145.49 123 | ePKPdf | PKPdf | 08 32 17.0 | +0.1 |
| TTA | Fatalina, baz=146,SNR=11 | 145.50 124 | ePKPbc | PKPbc | 08 32 16.6 | +0.2 |
| O22A | Kremmling, baz=146,SNR=52 | 145.51 122 | ↑P | PKPdf | 08 32 17.1 | +0.1 |
| G08A | Pilot Rock, baz=146,SNR=21 | 145.53 103 | ↑P | PKPdf | 08 32 16.8 | 0.0 |
| N20A | Spence Ranch, baz=146,SNR=22 | 145.53 119 | ↑P | PKPdf | 08 32 16.6 | -0.4 |
| LON | Longmire, 145.56 99 | ePKPdf | PKPdf | 08 32 17.2 | +0.2 | |
| K15A | Arbon, baz=146,SNR=13 | 145.58 113 | ↑P | PKPdf | 08 32 17.2 | 0.0 |
| I12A | Atlanta, baz=146,SNR=9.4 | 145.59 109 | ↑P | PKPdf | 08 32 16.9 | -0.2 |
| P25A | Willow Gulch B, baz=146,SNR=5.9 | 145.69 125 | ↑P | PKPdf | 08 32 17.6 | +0.3 |
| J13A | Cove Ranch, P, baz=146,SNR=23 | 145.70 110 | ↑P | PKPdf | 08 32 17.5 | +0.4 |
| N21A | Black Mountain, baz=146,SNR=24 | 145.72 120 | ↑P | PKPdf | 08 32 17.3 | 0.0 |
| HLID | Hailey, baz=146,SNR=22 | 145.75 110 | ↑P | PKPdf | 08 32 17.6 | +0.4 |
| HLID | Hailey, 145.75 110 | ePKPdf | PKPdf | 08 32 18.3 | +1.0 | |
| L17A | Cokeville, 145.75 115 | ↑P | PKPdf | 08 32 17.3 | 0.0 | |
| O23A | Lake Grand, P, baz=146,SNR=22 | 145.76 123 | ↑P | PKPdf | 08 32 18.0 | +0.6 |
| BMO | Blue Mountains, 145.78 106 | ePKPdf | PKPdf | 08 32 17.3 | +0.1 | |
| M19A | Rock Springs, baz=146 | 145.83 118 | ↑P | PKPdf | 08 32 18.2 | +0.7 |
| J14A | Carey, baz=146,SNR=31 | 145.87 111 | ↑P | PKPdf | 08 32 18.1 | +0.6 |
| L18A | Fontenelle, Gr, baz=146,SNR=16 | 145.89 116 | ↑P | PKPdf | 08 32 18.0 | +0.5 |
| GNW | Green Mountain, 145.94 97 | ePKPdf | PKPdf | 08 32 18.4 | +1.0 | |
| D05A | Enumclaw, baz=146 | 145.96 98 | ↑P | PKPdf | 08 32 18.3 | +0.8 |
| JSC | Jenkinsville, 146.10 160 | ePKPdf | PKPdf | 08 32 19.4 | +1.2 | |
| N22A | Wattenberg Ran, baz=146,SNR=12 | 146.11 122 | ↑P | PKPdf | 08 32 18.8 | +0.8 |
| K16A | Soda Springs, baz=146,SNR=13 | 146.14 114 | ↑P | PKPdf | 08 32 18.7 | +0.7 |
| M20A | Sweetwater, Wa, baz=146,SNR=32 | 146.15 119 | ↑P | PKPdf | 08 32 19.0 | +1.0 |
| I13A | Wildhse Cree, baz=146 | 146.17 110 | ↑P | PKPdf | 08 32 19.1 | +1.1 |
| RC01 | Rabbit Creek A, 146.21 60 | ePKPdf | PKPdf | 08 32 18.2 | +0.7 | |
| RSW | Rattlesnake Hi, 146.22 102 | ePKPdf | PKPdf | 08 32 19.5 | +1.5 | |
| E07A | Sunnyside Hi, baz=146 | 146.25 101 | ↑P | PKPdf | 08 32 19.4 | +1.4 |
| O25A | Wiggins, baz=146 | 146.25 125 | ↑P | PKPdf | 08 32 19.2 | +1.0 |
| AHID | Auburn Hatcher, 146.26 114 | ePKPdf | PKPdf | 08 32 20.1 | +1.9 | |
| LNOR | Linton Mounta, 146.29 104 | ePKPdf | PKPdf | 08 32 19.2 | +1.2 | |
| SWET | Sewanee, 146.28 153 | ePKPdf | PKPdf | 08 32 18.9 | +0.4 | |
| L19A | Farson, baz=146,SNR=21 | 146.28 117 | ↑P | PKPdf | 08 32 18.9 | +0.7 |
| K17A | Gardner Place, baz=146,SNR=11 | 146.31 115 | ↑P | PKPdf | 08 32 19.2 | +1.0 |
| J15A | Blackfoot, baz=146 | 146.33 112 | ↑P | PKPdf | 08 32 19.5 | +1.3 |
| N23A | Red Feather La, baz=147,SNR=14 | 146.37 122 | ↑P | PKPdf | 08 32 19.7 | +1.3 |
| CB3K | Cedar Bluff, 146.40 131 | ePKPbc | PKPbc | 08 32 21.4 | +1.5 | |
| I14A | Mackay, baz=147,SNR=15 | 146.42 111 | ↑P | PKPdf | 08 32 19.6 | +1.2 |
| H12A | Diamond D Ranc, baz=147,SNR=12 | 146.44 108 | ↑P | PKPdf | 08 32 19.4 | +1.0 |
| E08A | Dider Farm, El, baz=147 | 146.50 102 | ↑P | PKPdf | 08 32 19.7 | +1.3 |
| J16A | Bone, baz=147,SNR=7.9 | 146.52 113 | ↑P | PKPdf | 08 32 19.4 | +0.9 |
| K18A | Toltan Ranch, baz=147,SNR=19 | 146.52 116 | ↑P | PKPdf | 08 32 19.8 | +1.2 |
| M21A | Separation Pea, baz=147,SNR=17 | 146.53 120 | ↑P | PKPdf | 08 32 20.1 | +1.5 |
| L20A | Wamsutter, baz=147,SNR=15 | 146.55 118 | ↑P | PKPdf | 08 32 20.1 | +1.5 |
| N24A | Carr, baz=147 | 146.65 123 | ↑P | PKPdf | 08 32 20.4 | +1.5 |
| RWW | Rawlins, 146.65 120 | ePKPdf | PKPbc | 08 32 21.0 | +0.5 | |
| H13A | Challis, baz=147,SNR=15 | 146.67 109 | ↑P | PKPdf | 08 32 19.9 | +1.1 |
| RR12 | Red Ridge, 146.69 114 | ePKPdf | PKPdf | 08 32 20.5 | +1.6 | |
| PPLA | Purkeypile, 146.69 56 | ePKPdf | PKPdf | 08 32 20.8 | +2.6 | |
| CBCT | Cooper Cave, 146.75 154 | ePKPdf | PKPdf | 08 32 20.0 | +1.6 | |
| F10A | Beach Ranch, E, baz=147,SNR=8.5 | 146.76 105 | ↑P | PKPdf | 08 32 20.5 | +1.6 |
| PMR | Palmer, 146.78 60 | ePKPdf | PKPdf | 08 32 20.0 | +1.6 | |
| BW06 | Boulder Array, baz=147,SNR=23 | 146.80 116 | ↑P | PKPdf | 08 32 20.5 | +1.5 |
| PDAR | Pinedale Array, 146.80 116 | PKPbc | PKPbc | 08 32 20.9 | 0.0 | |
| JCW | Jim Creek, 146.80 97 | ePKPdf | PKPdf | 08 32 20.4 | +1.5 | |
| WWT | Waverly, 146.81 149 | ePKPdf | PKPdf | 08 32 19.6 | +0.3 | |
| N15A | Montevie, baz=147,SNR=7.9 | 146.83 112 | ↑P | PKPdf | 08 32 21.0 | +1.9 |
| H11A | Rawlins, baz=147,SNR=16 | 146.85 119 | ↑P | PKPdf | 08 32 20.5 | +1.3 |
| E09A | Wood Farm, Sta, baz=147 | 146.87 103 | ↑P | PKPdf | 08 32 20.2 | +1.2 |
| REDW | Red Top Meadow, 146.87 114 | ePKPdf | PKPdf | 08 32 21.2 | +2.0 | |
| J17A | Brown Place, J, 146.92 114 | ↑P | PKPdf | 08 32 21.1 | +1.9 | |
| ETW | Drake, 146.94 100 | ePKPdf | PKPdf | 08 32 20.8 | +1.7 | |
| DC1D1 | Drake Creek, 146.95 114 | ePKPdf | PKPbc | 08 32 22.2 | +0.9 | |
| D08A | Wollman Farm, 147.02 102 | ↑P | PKPdf | 08 32 20.6 | +1.3 | |
| J18A | Kendall Valley, baz=147,SNR=17 | 147.03 115 | ↑P | PKPdf | 08 32 21.3 | +1.9 |
| H14A | Leadow, baz=147 | 147.04 110 | ↑P | PKPdf | 08 32 20.8 | +1.4 |
| I16A | Newdale, baz=147,SNR=8.6 | 147.09 113 | ↑P | PKPdf | 08 32 21.2 | +1.7 |
| K19A | Absolon Red Bu, baz=147,SNR=36 | 147.10 117 | ↑P | PKPdf | 08 32 21.2 | +1.6 |
| G13A | Cobalt, baz=147,SNR=18 | 147.13 119 | ↑P | PKPdf | 08 32 21.0 | +1.5 |
| L0HW | Long Horn, 147.17 114 | ePKPbc | PKPbc | 08 32 22.4 | +0.5 | |
| NA001 | NORSAR Array S, 147.22 228 | ePKPbc | PKPbc | 08 32 23.5 | +2.0 | |
| L22A | Ellis Ranch, M, baz=147 | 147.22 121 | ↑P | PKPdf | 08 32 21.9 | +2.1 |
| B06A | Marblemount, 147.24 97 | ↑P | PKPdf | 08 32 20.9 | +1.3 | |
| NB2 | NORSAR Subarrat 47.25 298 | PKP | PKPdf | 08 32 21.8 | +2.6 | |
| NOA | NORSAR Array B 147.25 298 | PKPbc | PKPbc | 08 32 22.8 | +1.2 | |

| | | | | | | |
|-------|---|------------|--------|------------|------------|------|
| IMW | comp=Z,2.5nm,0.7s,baz=123,slow=3.3,SNR=7.1 | 147.30 114 | ePKPdf | PKPbc | 08 32 22.8 | +0.5 |
| H15A | India Meadow, baz=148,SNR=22 | 147.31 111 | ↑P | PKPdf | 08 32 20.7 | +0.9 |
| F12A | Elk River, baz=147 | 147.32 107 | ↑P | PKPdf | 08 32 21.2 | +1.4 |
| OD2 | Odessa Site #2, 147.38 102 | ePKPdf | PKPbc | 08 32 22.7 | +0.4 | |
| A05A | Maple Falls, 147.40 96 | ↑P | PKPdf | 08 32 21.9 | +2.0 | |
| MCMT | McMurry Canyon, 147.41 110 | ePKPdf | PKPbc | 08 32 22.9 | +0.4 | |
| I17A | Pilgrim Ck., baz=148 | 147.45 114 | ↑P | PKPdf | 08 32 21.9 | +1.8 |
| I18A | Diamond G Ranc, 147.53 115 | ↑P | PKPdf | 08 32 21.7 | +1.5 | |
| KV1 | Kansas State U, 147.56 135 | ePKPdf | PKPbc | 08 32 23.3 | +0.2 | |
| DSU | Divide, 147.59 62 | ePKPbc | PKPbc | 08 32 24.6 | +2.1 | |
| OGNE | Ogallala, 147.67 127 | ePKPdf | PKPbc | 08 32 23.2 | -0.2 | |
| F13A | Darby, baz=148,SNR=15 | 147.69 108 | ↑P | PKPdf | 08 32 22.4 | +2.0 |
| TRF | Thorofore Moun, 147.70 57 | eP | PKPdf | 08 32 22.4 | +2.5 | |
| G15A | Dillon, 147.84 111 | ↑P | PKPdf | 08 32 22.5 | +1.7 | |
| C09A | Chrismann Ranch, baz=148,SNR=15 | 147.89 102 | ↑P | PKPdf | 08 32 22.6 | +1.9 |
| H16A | Russell Place, baz=148,SNR=12 | 147.89 112 | ↑P | PKPdf | 08 32 22.8 | +2.0 |
| CCM | Cathedral Cave, 147.92 144 | ePKPdf | PKPdf | 08 32 23.2 | +2.1 | |
| B06A | Colville Reser, 147.94 100 | ↑P | PKPdf | 08 32 22.6 | +1.8 | |
| YMR | Madison River, 147.96 113 | ePKPbc | PKPab | 08 32 27.2 | +0.5 | |
| G16A | Moss Hill, Enn, baz=148 | 148.14 111 | ↑P | PKPdf | 08 32 23.2 | +2.0 |
| E13A | Victor, baz=148,SNR=5.3 | 148.29 107 | ↑P | PKPdf | 08 32 23.4 | +2.0 |
| MCK | McKinley, 148.33 57 | ePKPdf | PKPdf | 08 32 22.8 | +1.9 | |
| D12A | Red Inves Fores, baz=148,SNR=5.7 | 148.37 105 | ↑P | PKPdf | 08 32 23.7 | +2.1 |
| F15A | Butte, baz=149,SNR=11 | 148.41 110 | ↑P | PKPdf | 08 32 23.9 | +2.2 |
| LRM | Limekiln Ridge, 148.41 110 | ePKPdf | PKPbc | 08 32 25.8 | +0.6 | |
| E14A | Clinton, 148.53 108 | ↑P | PKPbc | 08 32 24.2 | +2.4 | |
| BOZ | Bozeman, baz=149,SNR=7.9 | 148.56 111 | ↑P | PKPdf | 08 32 24.0 | +2.1 |
| BOZ | Bozeman (W), baz=149,SNR=23 | 148.56 111 | ePKPdf | PKPdf | 08 32 25.0 | +3.1 |
| F16A | Kennard Place, baz=149 | 148.68 111 | ↑P | PKPdf | 08 32 24.0 | +1.9 |
| ARCES | ARCES Array B, comp=Z,4.1nm,0.8s,baz=132,slow=3.6,SNR=8.5 | 148.70 317 | PKPbc | PKPbc | 08 32 25.4 | +0.2 |
| NEW | Newport, 148.71 102 | ePKPdf | PKPdf | 08 32 24.5 | +2.4 | |
| MSO | Missoula, 148.71 107 | ePKPdf | PKPbc | 08 32 25.5 | -0.5 | |
| D13A | Huson, baz=149 | 148.74 106 | ↑P | PKPdf | 08 32 23.6 | +1.5 |
| E15A | Deer Lodge, baz=149 | 148.85 109 | ↑P | PKPdf | 08 32 24.5 | +2.1 |
| RLMT | Red Lodge, baz=149 | 148.96 114 | ↑P | PKPdf | 08 32 24.7 | +2.1 |
| RLMT | Red Lodge, 148.96 114 | ePKPbc | PKPbc | 08 32 27.4 | +0.8 | |
| G18A | Lazy EL Ranch, baz=149 | 149.02 114 | ↑P | PKPdf | 08 32 24.9 | +2.3 |
| CHMT | Chamberlain Mo, 149.04 108 | P | PKPbc | 08 32 27.4 | +0.7 | |
| CHMT | Chamberlain Mo, 149.04 108 | ePKPbc | PKPbc | 08 32 28.1 | +1.3 | |
| ELN | Prospectdale, 149.07 159 | ePKPdf | PKPdf | 08 32 25.4 | +2.4 | |
| D14A | Greenough, 149.09 107 | ↑P | PKPdf | 08 32 24.7 | +2.1 | |
| F17A | Fitzpatrick Pl, baz=149,SNR=16 | 149.13 112 | ↑P | PKPdf | 08 32 25.4 | +2.5 |
| WCJ | Wyandotte Cave, 149.14 151 | ePKPdf | PKPdf | 08 32 25.4 | +2.3 | |

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KURK Kurchatov, KURK Kurchatov, MK31 Makanchi Array, etc.

MEX 23 10:24:43.2+0.3, 1575N:96.40W, h24km, 5km, MD4.1,

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like HUIG Huatulo, VHO Vista Hermosa, OXX Oaxaca, etc.

JMA 23 10:29:55.8+0.3, 34.51N:128.06E, h0km, M3.5

ISCJB 23 10:29:56.4+0.6, 34.50N:128.06E:0.02, h4km, 4km, Error ellipse: s-maj=3.4km s-min=2.8km az=175.9

KMA 23 10:29:57.0+0.4, 34.51N:128.05E, M3.1

ISC 23 10:29:56.6+0.5, 34.50N:128.06E:0.02, h2km, 3km, n48, c068/73, South Korea

Large table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Lists numerous stations including Namhae, Tongyeong, Naju, Hadong, Gyeongju, etc.

IDC 23 10:41:36.1-1.7, 15.27S:173.18W, h0km, mb3.7/5,

mb1 4.0/5, mb1mx3.9/16, mbtmp3.7/5, MS3.2/1, Ms1 3.2/1, ms1mx2.9/19, Error ellipse: s-maj=15.8km s-min=20.0km az=144.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AF1 Afiamalu, RAR Rarotonga, PPT Papeete, etc.

NIED 23 10:42:00.29+80N:141.80E, h56km, Mw4.2 Best double

couple: M2.15000x1015 NP1.3x159.00000, 852.00000, 1.68.00000. NP2.0x12.00000, 3.43.00000, 1.16.00000

ISCJB 23 10:42:50.6+0.5, 29.59N:103.140W, h56km, 5km,

mb4.3/30, Error ellipse: s-maj=9.0km s-min=4.6km az=167.5

MOS 23 10:42:50.4+1.0, 29.64N:140.90E, h56km, mb4.9/14, Error

ellipse: s-maj=16.1km s-min=8.3km az=101.1

JMA 23 10:42:51.0+1.0, 29.77N:141.83E, h47km, M4.6
IDC 23 10:42:54.5+0.7, 29.62N:140.94E, h77km, 5km, mb3.9/18,
mb1 4.1/20, mb1mx4.0/25, mbtmp3.9/20, Error ellipse:
s-maj=15.4km s-min=14.2km az=62.0
NEIC 23 10:42:55.0+1.5, 29.70N:140.95E, h78km, 12km, mb4.4/10,
Error ellipse: s-maj=11.8km s-min=7.2km az=143.0
ISC 23 10:42:52.4+0.5, 29.57N:103.140W, h56km, 4km,
h80km, 1.6km, p-P, n98, c113/107, mb4.3/30, 2C-1D,

South of Honshu

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CBJJ Chichi jima, JHHJ Haha-jima-NKT, etc.

MJAR Matsushiro Arr 7.33 342 P

mbz=12, slow=38, SNR=2.3

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

JOF Joensuu 72.40 333 eP P

comp=2.8,0nm,0.5s,mb4.9

Large table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Lists numerous stations including Joensuu, Jim Creek, etc.

IDC 23 10:48:59.9+0.8, 25.16N:128.06E, h0km, mb4.0/12,

mb1 4.2/12, mb1mx4.1/20, mbtmp4.0/12, MS3.4/4, Ms1 3.5/4, ms1mx2.8/25, Error ellipse: s-maj=32.6km s-min=8.1km az=68.0

BJJ 23 10:49:00.0+25.18N:128.15E, h12km, mb4.3/6, mb4.4/12,

M4.1/4, MS7.3/8.3

NIED 23 10:49:00.25+20N:128.00E, h32km, Mw4.1 Best double

couple: M1.38000x1015 NP1.3x133.00000, 883.00000, 1.22.00000. NP2.0x46.00000, 568.00000, 1.73.00000

ISCJB 23 10:49:01.9+1.2, 25.14N:104.04E, h27km, 8km,

mb4.0/19, MS3.6/5, Error ellipse: s-maj=7.4km s-min=4.2km az=136.9

NEIC 23 10:49:01.9+0.6, 25.17N:128.06E, h10km, mb4.3/2, Error

ellipse: s-maj=14.6km s-min=13.8km az=168.0

JMA 23 10:49:03.0+2.25, 19N:128.04E, h67km, 4km, M3.8

ISC 23 10:49:03.1+2.25, 20N:104.04E, h28km, 3km, n46, c108/59, mb4.0/19, MS3.6/5, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Lists numerous stations including Tamagusuku, Naha, etc.

| Code | Station Name | Δ° AZ° | Phase ID | Time | Res |
|------|-----------------|----------|----------|------------|------|
| | | | | h m s | ISC |
| BKZ | Black Stump Fm | 0.90 140 | Op Pn | 12 28 16.0 | +0.5 |
| BKZ | | | Sn | 12 28 32.0 | +0.2 |
| MOVZ | Moawhango | 0.93 180 | Pn | 12 28 16.0 | +0.2 |
| MOVZ | | | Sn | 12 28 32.0 | +0.0 |
| NMHZ | Naumai | 1.03 127 | ePn Pn | 12 28 17.9 | +1.3 |
| URZ | Urewera | 1.02 99 | Pn Pn | 12 28 17.1 | -0.1 |
| URZ | | | Sn | 12 28 30.0 | +0.2 |
| MWZ | Matawai | 1.41 85 | Pn Pn | 12 28 20.3 | -0.1 |
| MWZ | | | Sn | 12 28 41.1 | -0.2 |
| PNHZ | Pukeni | 1.48 166 | ePn Pn | 12 28 44.7 | -0.4 |
| CKHZ | Cap Kidnapper | 1.57 139 | ePn Pn | 12 28 22.8 | +0.6 |
| TSZ | Takapari Road | 1.59 174 | Pn Pn | 12 28 22.1 | -0.3 |
| TSZ | | | Sn | 12 28 43.3 | -1.7 |
| KNZ | Kohoko | 1.60 110 | Pn Pn | 12 28 22.7 | +0.1 |
| KNZ | | | Sn | 12 28 44.7 | -0.4 |
| PRGZ | Paritu Road | 1.73 106 | Pn Pn | 12 28 24.1 | +0.1 |
| PXZ | Pawanui | 1.77 115 | Pn Pn | 12 28 24.4 | -0.2 |
| MHGZ | Mahia Peninsula | 1.81 112 | Pn Pn | 12 28 25.2 | +0.2 |
| PVZ | Dannevirke | 1.85 170 | Pn Pn | 12 28 24.5 | -0.9 |
| DUZ | Puketiti | 2.02 79 | Pn Pn | 12 28 26.7 | -0.7 |
| MRZ | Mangatainoka R | 2.18 163 | Pn Pn | 12 28 27.9 | -1.6 |
| MRZ | | | Sn | 12 28 54.0 | -3.5 |
| BFZ | Birch Farm | 2.23 170 | Pn Pn | 12 28 28.7 | -1.3 |
| OGWZ | Otaki Gorge | 2.38 191 | Pn Pn | 12 28 30.2 | -1.6 |
| HOWZ | Holdsworth Sta | 2.42 184 | Pn Pn | 12 28 30.4 | -2.0 |
| CAW | Cannon Point | 2.68 191 | Pn Pn | 12 28 33.3 | -2.3 |
| MTW | Mount Morrison | 2.88 184 | Pn Pn | 12 28 36.3 | -2.6 |
| TRWZ | Traveller | 2.92 181 | Pn Pn | 12 28 36.3 | -2.3 |
| PLWZ | Palliser | 3.11 187 | Pn Pn | 12 28 38.0 | -3.1 |
| KHZ | Kahutara | 4.28 202 | Pn Pn | 12 28 52.6 | -3.8 |

ISCJB 23 12:32:52.6 1.9, 7.24S, 144.86E, h0km, mb3.8/4, mb1 4.2/5, mb1mx3.8/14, m, mbtmp3.9/5, ML4.0/1, Error ellipse: s-maj=1.3km s-min=29.6km az=120.0, Near south coast of New Guinea

| Code | Station Name | Δ° AZ° | Phase ID | Time | Res |
|------|----------------|-----------|----------|------------|------|
| | | | | h m s | ISC |
| ASAR | Alice Springs | 19.43 212 | Op Pn | 12 37 21.9 | +0.1 |
| FITZ | Fitzyr Crossi | 21.62 238 | P | 12 37 42.9 | -1.6 |
| CMAR | Chiang Mai Arr | 52.00 300 | P | 12 42 04.2 | +0.1 |
| MKAR | Makanchi Arr | 77.11 321 | P | 12 44 48.5 | +0.5 |
| ILAR | Eielson Array | 87.45 23 | P | 12 45 41.6 | -0.1 |

ISCJB 23 12:36:49.7 0.7, 66.57N, 0.04, -17.71W, 0.06, h14km, 3km, mb3.5/3, Error ellipse: s-maj=6.2km s-min=4.3km az=6.8
 CSEM 23 12:36:50.4 66.58N, 17.70W, h15km, ML3.7, After REY
 REY 23 12:36:50.4 66.58N, 17.70W, h15km, ML3.7, ML3.9
 IDC 23 12:36:50.9 1.3, 66.39N, 17.58W, h0km, mb3.5/3, mb1 3.7/4, mb1mx3.4/26, mbtmp3.6/4, ML3.6/1, MS3.1/3, Ms1 3.1/3, ms1mx2.7/34, Error ellipse: s-maj=33.9km s-min=23.8km az=122.0

| Code | Station Name | Δ° AZ° | Phase ID | Time | Res |
|-------|----------------|-----------|----------|------------|------|
| | | | | h m s | ISC |
| IGRI | Grimsey | 0.13 278 | Op Pn | 12 36 53.8 | +0.7 |
| IGRI | | | S | 12 36 56.2 | +1.4 |
| IFLA | Flatey | 0.37 190 | P | 12 36 58.5 | +0.9 |
| IFLA | | | S | 12 37 04.8 | +2.4 |
| IGLL | Brettingsstaoi | 0.41 193 | P | 12 37 09.1 | +0.7 |
| IBRE | IBRE | 0.37 190 | P | 12 37 05.7 | +2.0 |
| IHEH | Heoinshofoi | 0.47 161 | P | 12 36 59.7 | +0.3 |
| IHEH | | | S | 12 37 06.8 | +1.3 |
| ILEI | Leirhofn | 0.49 103 | P | 12 36 59.7 | -0.2 |
| ILEI | | | S | 12 37 07.0 | +0.7 |
| IGRA | Granaostaor | 0.61 176 | P | 12 37 02.0 | -0.0 |
| IGRA | | | S | 12 37 10.9 | +0.9 |
| ISIG | Stigljouour | 0.63 232 | P | 12 37 01.9 | -0.7 |
| ISIG | | | S | 12 37 10.4 | -0.4 |
| IHLA | Hella | 0.65 206 | P | 12 37 02.6 | -0.3 |
| IHLA | | | S | 12 37 11.8 | +0.5 |
| IGIL | Gilhagi | 0.70 129 | P | 12 37 03.1 | -0.8 |
| IGIL | | | S | 12 37 13.1 | +0.2 |
| IKVO | Krokottuvotn | 0.88 158 | P | 12 37 06.2 | -1.0 |
| IKVO | | | S | 12 37 19.1 | +0.5 |
| IREN | Reynihlio | 0.94 160 | P | 12 37 07.2 | -1.2 |
| IREN | | | S | 12 37 18.2 | +0.4 |
| IHRN | Hraun | 1.07 248 | P | 12 37 08.1 | -2.8 |
| IHRN | | | S | 12 37 21.7 | -3.0 |
| IGRS | Grimstaor | 1.09 144 | P | 12 37 09.6 | -1.8 |
| IGRS | | | S | 12 37 24.9 | +0.6 |
| ISVA | Svartartok | 1.21 171 | P | 12 37 11.6 | -1.9 |
| ISVA | | | S | 12 37 28.7 | +0.9 |
| IADA | Aaalbol | 1.74 149 | S | 12 37 43.6 | -0.4 |
| IBRU | Bruarjokull | 1.83 158 | S | 12 37 46.7 | +0.7 |
| IHVE | Hveravellir | 1.83 206 | S | 12 37 21.8 | -0.8 |
| IHYE | IHYE | 1.89 144 | S | 12 37 45.7 | -0.5 |
| IGLU | Gljumsstadir | 1.89 144 | S | 12 37 48.0 | +0.5 |
| IASB | Sbjarnarst | 2.34 222 | P | 12 37 28.7 | -0.8 |
| IASB | | | S | 12 37 58.8 | +0.2 |
| BORG | Borgarnes | 2.34 222 | Pn | 12 37 28.9 | -0.6 |
| BORG | | | Sn | 12 37 58.5 | -0.1 |
| NOA | NORSAR Array B | 13.81 100 | LR | 12 45 55.4 | |
| HFS | Hagfors | 15.33 100 | LR | 12 45 16.7 | |
| FINES | FINESS Array B | 19.51 84 | LR | 12 47 35.4 | |
| ILAR | Eielson Array | 44.00 331 | P | 12 45 00.7 | +2.5 |
| MKAR | Makanchi Arr | 51.83 59 | P | 12 45 59.6 | +0.6 |
| TORD | Tordi Ar. Bea | 54.88 157 | P | 12 46 22.3 | +0.5 |

ISCJB 23 12:36:51.8 0.6, 15.23N, 0.07, 93.36W, 0.05, h2km, 6km, mb3.7/5, Error ellipse: s-maj=13.1km s-min=5.4km az=30.1
 MEX 23 12:36:53.1 0.5, 15.19N, 93.31W, h75km, 6km, MD4.1
 NEIC 23 12:36:53.0, 15.19N, 93.32W, h74km, mb3.6/1, MD4.1 (MEX), After MEX.

IDC 23 12:36:55.2 3.3, 15.58N, 93.03W, h77km, 22km, mb3.4/5, mb1 3.7/8, mb1mx3.5/23, mbtmp3.4/8, Error ellipse: s-maj=105.8km s-min=23.3km az=27.0
 CASC 23 12:36:55.0 1.5, 15.39N, 92.96W, h130km, 53km, MD4.0, mb3.6 (MEX)

| Code | Station Name | Δ° AZ° | Phase ID | Time | Res |
|------|---------------|-----------|----------|------------|------|
| | | | | h m s | ISC |
| PCIG | PCIG | 0.49 16 | ePn | 12 37 05.1 | 0 |
| THIG | THIG | 1.10 107 | eS | 12 37 14.7 | +0.6 |
| THIG | | | eS | 12 37 11.1 | -1.3 |
| TGIG | TGIG | 1.55 8 | eS | 12 37 25.2 | -1.8 |
| TGIG | | | iS | 12 37 18.1 | -0.3 |
| TP2 | Tecpan 2 | 2.30 101 | ePn | 12 37 37.2 | -0.4 |
| CMIG | Matias Romero | 2.36 322 | P | 12 37 29.3 | +0.8 |
| CMIG | | | P | 12 37 30.3 | +1.0 |
| CMIG | Matias Romero | 2.36 322 | ePn | 12 37 29.6 | +0.3 |
| CMIG | | | iS | 12 37 56.5 | -0.6 |
| CMIG | Matias Romero | 2.36 322 | ePn | 12 37 29.8 | +0.5 |
| CMIG | | | iS | 12 37 56.5 | -0.6 |
| FG6 | FG6 | 2.48 105 | eS | 12 37 33.4 | +0.4 |
| FG6 | | | eS | 12 38 01.4 | +1.2 |
| FUG | Fuego 3 | 2.55 108 | ePn | 12 37 31.9 | 0 |
| HUG | Huatulco | 2.71 282 | ePn | 12 37 33.2 | -0.8 |
| HUG | | | iS | 12 38 05.7 | +0.1 |
| HUG | Huatulco | 2.71 282 | ePn | 12 37 33.2 | -0.8 |
| HUG | | | iS | 12 38 05.7 | +0.1 |
| APG | Ei Apazote | 2.80 94 | P | 12 37 35.1 | -0.2 |
| MRL | Marmol | 3.54 92 | ePn | 12 37 44.9 | -0.5 |
| TXAR | Lajitas Array | 16.95 328 | P | 12 40 47.9 | +2.2 |

| TXAR | Lajitas Array | 16.95 328 | P | Pn | 12 40 47.9 | +2.2 |
|------|-----------------|-----------|-----|----|------------|------|
| MIAR | Mount Ida | 19.23 359 | ePn | Pn | 12 41 07.3 | -5.9 |
| ANMO | Albuquerque | 22.90 331 | P | P | 12 41 51.7 | +0.7 |
| ANVA | Minna Array Bea | 31.89 321 | P | P | 12 43 14.6 | +2.7 |
| NVAR | | | pP | P | 12 43 32.6 | +4.7 |
| YKA | Yellowknife Arr | 49.53 347 | P | P | 12 45 34.9 | -1.8 |
| INK | Inuvik | 58.99 344 | P | P | 12 46 43.8 | -0.8 |
| ILAR | Eielson Array | 61.20 337 | P | P | 12 46 59.5 | -0.9 |
| ILAR | | | pP | P | 12 47 19.0 | +1.3 |

CSEM 23 12:41:15.7 0.1, 44.23N, 7.07E, h16km, ML2.5/18, Error ellipse: s-maj=1.7km s-min=1.1km az=76.0
 LDG 23 12:41:16.2 0.4, 44.23N, 7.07E, h4km, Md2.4/3, ML2.5/10, Error ellipse: s-maj=1.1km s-min=0.6km az=60.0
 NEIC 23 12:41:16.3, 44.23N, 7.08E, h5km, ML2.5 (LDG), ML2.4 (STR), After STR.
 ISCJB 23 12:41:16.1 0.3, 44.21N, 0.02, 7.08E, 0.03, h21km, 4km, Error ellipse: s-maj=4.2km s-min=2.6km az=167.0
 STR 23 12:41:16.3 0.3, 44.23N, 7.08E, h5km, ML2.4, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0
 ROM 23 12:41:17.0 0.4, 44.25N, 7.15E, h11km, 1km, Md2.4/6, ML2.0/6, Error ellipse: s-maj=6.2km s-min=2.0km az=61.0
 ISC 23 12:41:15.9 0.3, 44.22N, 0.01, 7.05E, 0.03, h16km, 3km, n52, c056/102, Northern Italy

| Code | Station Name | Δ° AZ° | Phase ID | Time | Res |
|------|---------------|----------|----------|------------|------|
| | | | | h m s | ISC |
| STV | San Anna di V | 0.20 82 | Op Pn | 12 41 20.5 | -0.1 |
| STV | | | Sg | 12 41 23.1 | -0.7 |
| STV | San Anna di V | 0.20 82 | Pg Sg | 12 41 20.5 | -0.1 |
| STV | | | Sg | 12 41 23.1 | -0.7 |
| TOUF | Mont Tournai | 0.25 145 | Pg Sg | 12 41 21.3 | -0.1 |
| TOUF | | | Sg | 12 41 25.2 | +0.1 |
| TOUF | Mont Tournai | 0.25 145 | Pg Sg | 12 41 21.3 | -0.1 |
| TOUF | | | Sg | 12 41 25.2 | +0.1 |
| PZZ | Stroppio | 0.29 9 | Pg Sg | 12 41 22.5 | +0.3 |
| PZZ | | | Sg | 12 41 26.6 | +0.2 |
| PZZ | Stroppio | 0.29 9 | Pg Sg | 12 41 22.5 | +0.3 |
| PZZ | | | Sg | 12 41 26.6 | +0.2 |
| DOI | San Damiano | 0.32 26 | Pg Sg | 12 41 22.8 | +0.2 |
| DOI | | | Sg | 12 41 27.1 | 0.0 |
| DOI | San Damiano | 0.32 26 | Pg Sg | 12 41 22.8 | +0.2 |
| DOI | | | Sg | 12 41 27.1 | 0.0 |
| MVIF | Mont Vial | 0.33 167 | Pg Sg | 12 41 22.9 | +0.1 |
| MVIF | | | Sg | 12 41 27.9 | +0.5 |
| MVIF | Mont Vial | 0.33 167 | Pg Sg | 12 41 22.9 | +0.1 |
| MVIF | | | Sg | 12 41 27.9 | +0.5 |
| AUTN | L'Aution | 0.35 129 | Pg Sg | 12 41 23.4 | +0.2 |
| AUTN | | | Sg | 12 41 27.8 | +0.2 |
| AUTN | L'Aution | 0.35 129 | Pg Sg | 12 41 23.4 | +0.2 |
| AUTN | | | Sg | 12 41 27.8 | +0.2 |
| LUCF | Luceram | 0.39 147 | Pg Sg | 12 41 23.9 | 0.0 |
| LUCF | | | Sg | 12 41 29.6 | +0.4 |
| LUCF | Luceram | 0.39 147 | Pg Sg | 12 41 23.9 | 0.0 |
| LUCF | | | Sg | 12 41 29.6 | +0.4 |
| SAOF | Saorge | 0.43 122 | Pg Sg | 12 41 24.4 | -0.2 |
| SAOF | | | Sg | 12 41 30.0 | -0.4 |
| SAOF | Saorge | 0.43 122 | Pg Sg | 12 41 24.4 | -0.2 |
| SAOF | | | Sg | 12 41 30.0 | -0.4 |
| SBF | Sospel | 0.45 142 | ePn Sg | 12 41 24.9 | -0.1 |
| SBF | | | eSg | 12 41 30.6 | -0.4 |
| SBF | Sospel | 0.45 142 | ePn Sg | 12 41 24.9 | -0.1 |
| SBF | | | eSg | 12 41 30.6 | -0.4 |
| CALN | Calern | 0.48 194 | Pg Sg | 12 41 25.9 | +0.4 |
| CALN | | | Sg | 12 41 32.4 | +0.4 |
| CALN | Calern | 0.48 194 | Pg Sg | 12 41 25.9 | +0.4 |
| CALN | | | Sg | 12 41 32.4 | +0.4 |
| REVF | Revere | 0.53 154 | Pg Sg | 12 41 26.8 | +0.4 |
| REVF | | | Sg | 1 | |

23d 13h

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like Grimsey, Flatey, Brettingsstaoi, etc.

ISCJB 23 13:14:06.2±1.4, 17.4S:0.3±1.79; 1W±0.2, h57km±15km, mb3.5/8, Error ellipse: s-maj=59.2km s-min=19.1km

NEIC 23 13:14:06.6±1.1, 17.49S:1.78±98W, h57km, 11km, mb3.5/1, Error ellipse: s-maj=43.2km s-min=13.9km az=147.0

IDC 23 13:14:13.7±1.0, 17.50S:1.79±14W, h65km, 146km, mb3.0/7, mb1.3/3.7, mb1mx3.1/1.5, mbtmp3.0/7, Error ellipse: s-maj=71.5km s-min=31.3km az=121.0

ISC 23 13:14:06.8±1.4, 17.55S:0.3±1.79; 0W±0.2, h57km±14km, n11, c0564/11, mb3.5/8, Fiji Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like Nonsavu, Stephens Creek, Tennant Creek, etc.

ISCJB 23 13:14:30.6±0.3, 23.10N±0.02±1.21; 52E±0.2, h22km±3km, Error ellipse: s-maj=3.3km s-min=2.6km az=20.0

TAP 23 13:14:31.0±0.3, 23.13N±1.21±43E, h20km, ML3.2, C

JMA 23 13:14:32.4±0.5, 23.35N±1.21±48E, h103km

ISC 23 13:14:30.8±0.4, 23.10N±0.02±1.21; 49E±0.2, h19km±2km, n49, c072/22, 4C, Taiwan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like Yuli, Hungye, Lidau, etc.

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Table with columns: TWM1, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like Shoushan, Gukeng, Shinhua, etc.

CSEM 23 13:15:38.1, 66.59N:17.72W, h14km, ML3.5, After REY REY 23 13:15:38.1, 66.59N:17.72W, h14km, ML3.5, ML3.6, Iceland region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like Grimsey, Flatey, Brettingsstaoi, etc.

IDC 23 13:24:17.1±1.7, 14.55S:177.57W, h0km, mb4.1/5, mb1.4/5.5, mb1mx4.2/1.5, mbtmp4.1/5, MS4.3/1, Ms1.4/3.1, ms1mx4.1/2.9, Error ellipse: s-maj=115.1km s-min=27.1km az=151.0

NEIC 23 13:24:17.2±1.0, 15.39S:177.07W, h10km, mb4.7/10, Error ellipse: s-maj=53.1km s-min=15.2km az=163.0

GCMT 23 13:24:20.2±0.3, 14.68S:177.06W, h14km±1km, MWV5.0, Moment Tensor Solution, s32,c39; s76,c109; Moment tensor: Scale 1016Nm; Mr0.13±.12; Mw0.7±.12; Mw0.6±.11; Mw0.6±.12; Mw0.3±.12; Mw0.5±.27; Best double couple: M0.35000±0.1016 NP1±83.00000±, 880.00000±, λ-9.00000±. NP2±175.00000±, 881.00000±,

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λ-170.00000°. Principal axes: T 3.3400, Plg0.0000°, Azm309.0000°; N 0.3500, Plg7.0000°, Azm217.0000°; P -3.6800, Plg13.0000°, Azm39.0000°; Data Used: II UU IC CN G.

ISCJB 23 13:24:20.7±1.3, 14.7S:0.6±1.77; 6W±0.3, h33km, mb4.4/15, MS4.3/9, Error ellipse: s-maj=92.5km s-min=22.5km az=151.7

ISC 23 13:24:22.5±1.3, 14.7S:0.6±1.77; 6W±0.3, h35km, n36, c0944/17, mb4.4/15, MS4.3/9, Fiji Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like Afiamalu, Mont Dumac, Rarotonga, etc.

IDC 23 13:43:56.0±2.0, 14.64S:177.317W, h0km, mb3.8/4, mb1.4/4.6, mb1mx3.9/1.5, mbtmp3.8/4, MS3.4/1, Ms1.3/4.1, ms1mx2.8/3.2, Error ellipse: s-maj=130.9km s-min=32.6km az=151.0, Fiji Islands region

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

IDC 23 13:48:57.8±2.0, 14.47S:177.45W, h0km, mb3.7/4, mb1.4/4.0, mb1mx3.8/1.5, mbtmp3.7/4, Error ellipse: s-maj=124.7km s-min=33.3km az=149.0, Fiji Islands region

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

IDC 23 13:53:55.9±1.7, 14.36S:177.70W, h0km, mb4.1/6, mb1.4/4.6, mb1mx4.1/1.6, mbtmp4.1/6, MS4.4/19, Ms1.4/4.19, ms1mx4.2/3.1, Error ellipse: s-maj=114.6km s-min=27.4km az=151.0

NEIC 23 13:53:55.8±1.2, 15.32S:177.09W, h10km, mb4.2/3, Error ellipse: s-maj=69.0km s-min=19.0km az=163.0

ISCJB 23 13:53:57.3±1.4, 15.8S:0.6±1.76; 9W±0.3, h33km, mb4.1/9, MS4.4/18, Error ellipse: s-maj=85.7km s-min=18.7km az=159.2

GCMT 23 13:53:59.0±0.3, 14.68S:177.19W, h15km±1km, MWV5.0, Moment Tensor Solution, s31,c37; s79,c118; Moment tensor: Scale 1016Nm; Mr0.05±.15; Mw0.178±.15; Mw0.18±.14; Mw0.29±.27; Mw0.39±.14; Mw0.53±.28; Best double couple: M0.40000±0.1016 NP1±87.00000±, 884.00000±, λ5.00000±. NP2±347.00000±, 885.00000±, 174.00000°. Principal axes: T 4.4500, Plg8.0000°, Azm303.0000°; N -0.1300, Plg82.0000°, Azm127.0000°; P -4.3200, Plg1.0000°, Azm33.0000°; Data Used: IU G

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AFM Afiamalu, DZM Mont Dzumac, RAR Rarotonga, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, ELIELSON Array, BOROVYEV Array, etc.

DDA 23:14:17:07.9, 39:62N, 150:51E, h7km, 2km, MD2.6
ISCJB 23:14:17:08.8, 0.5, 39:61N, 150:40.0, 0.4, 30E, 0.05, h10km, Error ellipse: s-maj=7.7km s-min=4.0km az=140.8

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BORA Eskisehir, ELIELSON Array, ESCI Eskisehir, etc.

ISCJB 23:13:56:48.0, 0.5, 32:23S, 104:07.1, h156km, 7km, mb3.5/12, Error ellipse: s-maj=17.3km s-min=4.6km az=19.1

ISC 23:14:10:53.1, 0.8, 18:88N, 145:45.0, 1.2, h245km, 8km, mb3.8/19, Error ellipse: s-maj=19.6km s-min=5.6km az=175.5

IDC 23:14:20:10.0, 1.6, 14:73S, 177:39W, h0km, mb4.0/6, mb1.4/4.6, mb1mx4.1/1.6, mbtmp4.0/6, MS3.9/1.1, Ms1.3/9.1, ms1mx3.7/3.2, Error ellipse: s-maj=118.8km s-min=27.4km az=152.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RAO Raoul Island, MXZ Matakaoa Point, URZ Urewera, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, GUMU GUMU, CBJ Chichi jima, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalu, MSFV Nonsavu, RAR Rarotonga, etc.

ISC 23:14:29:33.3, 1.6, 18:07S, 167:26E, h0km, mb4.2/6, mb1.4/5.7, mb1mx4.2/1.4, mbtmp4.3/7, ML4.3/1, Error ellipse: s-maj=64.3km s-min=23.4km az=146.0

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for IDC 23 15:08:53.2,1, 47.89N-153.50E, h0km, mb3.7/7, mb1 3.7/7, mb1mx3.5/22, mbtm3.7/7, Error ellipse: s-maj=64.0km s-min=32.3km az=73.0, Kuril Islands.

ISCJB 23 15:09:18.7, 1.2, 46.68N, 152.58E, 0.2, h47km, 1.1km, mb3.7/11, Error ellipse: s-maj=26.3km s-min=8.2km az=140.5
MOS 23 15:09:20.3, 1.8, 46.68N, 152.58E, h65km, mb4.2/5, Error ellipse: s-maj=19.0km s-min=13.9km az=46.5
NEIC 23 15:09:20.9, 0.8, 46.72N, 152.41E, Error ellipse: s-maj=20.9km s-min=12.9km az=139.0

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for IDC 23 15:09:21.1, 1.4, 46.68N, 152.58E, 0.2, h53km, 1.9km, n42, r114/47, mb3.7/11, Kuril Islands.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for NEM2 Nemuro 2, 5.77 238 P Pn, 15 10 43.6 -0.6.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for ASAJ Asahikawa, 7.38 254 P Pn, 15 11 06.7 +0.4.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for ASAJ Asahikawa, 7.38 254 P Pn, 15 11 06.9 +0.6.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for ASAJ Asahikawa, 7.38 254 P Pn, 15 11 06.6 +0.3.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for ASAJ Asahikawa, 7.38 254 P Pn, 15 11 06.7 +0.4.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for ASAJ Asahikawa, 7.38 254 P Pn, 15 11 06.9 +0.6.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for ASAJ Asahikawa, 7.38 254 P Pn, 15 11 06.7 +0.4.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for OJC Ojcow, 0.92 82 ePp Pg, 15 10 27.6 -3.3.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for STHS Stenicka Huta, 1.98 109 ePg Pg, 15 10 51.1 -0.1.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for KUR Kuril'sk, 3.49 248 ePn Pn, 15 10 14.8 +1.9.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for KUR Kuril'sk, 3.49 248 ePn Pn, 15 10 14.8 +1.9.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for KUR Kuril'sk, 3.49 248 ePn Pn, 15 10 14.8 +1.9.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for KUR Kuril'sk, 3.49 248 ePn Pn, 15 10 14.8 +1.9.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for KUR Kuril'sk, 3.49 248 ePn Pn, 15 10 14.8 +1.9.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for KUR Kuril'sk, 3.49 248 ePn Pn, 15 10 14.8 +1.9.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for KUR Kuril'sk, 3.49 248 ePn Pn, 15 10 14.8 +1.9.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for KUR Kuril'sk, 3.49 248 ePn Pn, 15 10 14.8 +1.9.

DDA 23 15:16:07.9, 4.0, 10N-35.65E, h6km, 2km, MD3.1
ISK 23 15:16:08.7, 4.0, 05N-35.54E, h5km, MD2.6
ISCJB 23 15:16:09.2, 1.0, 40.10N-0.04-35.59E, 0.06, h10km, Error ellipse: s-maj=7.0km s-min=5.0km az=149.1
CSEM 23 15:16:09.2, 0.4, 40.08N-35.59E, h2km, MD3.1, Error ellipse: s-maj=8.3km s-min=7.0km az=65.0

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for YOZ Yozgat, 4.9 206 ePg Pg, 15 16 18.7 -0.6.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for NIED 23 15:26:00.39, 7.0N, 141.70E, h104km, Mw6.8 Best double couple: M1.72000-10.19, NP1.3235.00000, delta.9.000000, lambda-82.00000.

BGS 23 15:26:05.4, 1.5, 38.84N, 142.57E, h33km, mb6.4, MS6.1
BUI 23 15:26:17.2, 3.9, 70N-141.46E, h107km, mb7.0, 4km, mb6.5/58
MOS 23 15:26:17.8, 0.9, 39.83N, 141.53E, h101km, mb6.6/146, MS6.4/47, Error ellipse: s-maj=5.8km s-min=3.3km az=105.6

MOS Felt (IV) at Malokuril'skoe; (III) at Yuzhno-Kuril'sk.
NEIC 23 15:26:19.9, 0.1, 39.80N, 141.46E, h109km, mb6.6/280, M6.7, MW6.8, MW6.8, MW6.8(NIED), Error ellipse: s-maj=2.9km s-min=2.3km az=170.0 Broadband fault plane solution: P waves. NP1.3235.00000, delta.9.000000, lambda-90.00000. NP2.3235.00000, delta.9.000000, lambda-90.00000. Principal axes: T Plg25.00000, Azm325.00000; N Plg0.00000, Azm0.00000; P Plg184.00000, Azm107.00000. Moment Tensor Solution: s158 Moment tensor: Scale 10^19 Nm; M1: -1.09; M2: 0.47; M3: 0.62; M4: -0.27; M5: 0.06; M6: 1.72. Best double couple: M2.00000-10.19, NP1.3235.00000, delta.9.00000, lambda-90.00000. Principal axes: T 1.6900, Plg31.00000, Azm264.00000; N 0.4900, Plg2.00000, Azm173.00000; P -2.1800, Plg57.00000, Azm79.00000. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism.

NEIC One person killed, about 200 injured, 90 buildings damaged, landslides occurred, roads closed, train service and power disrupted in northern Honshu. Felt [VII] at Misawa; [IV] at Ayase and Tsukuba; [III] at Narita, Ome, Tokyo, Yokohama and Yokosuka. Also felt [III] at Sapporo, Hokkaido. Felt widely in southwestern Hokkaido and in Honshu as far south as the Tokyo area. Recorded [BU JMA] at Iwate; [G JMA] in Aomori; [U JMA] in Miyagi; [4 JMA] in Akiha, Fukushima; [baraki and Yamagata; [3 JMA] in Chiba, Gumma, Kanagawa, Niigata, Saitama, Tochigi and Tokyo; [2 JMA] in Ishikawa, Nagano, Shizuoka and Yamanashi; [1 JMA] in Aichi, Fukui and Shiga. Also recorded [4 JMA] in eastern and southern Hokkaido; [2 JMA] on Hachijo-jima, Miyake-jima and O-shima; [1 JMA] on Aogo-shima, Kozu-shima and Mikura-jima.

ISCJB 23 15:26:19.0, 1.0, 39.77N, 141.52E, 0.01, h111km, mb6.5/44 Error ellipse: s-maj=1.7km s-min=1.3km az=144.7
IDC 23 15:26:19.0, 1.0, 39.81N, 141.57E, h100km, 6km, mb5.9/26, M6.1, 6.1/28, mb1mx3.1/28, mbtm3.9/28, MS6.2/25, M6.1 6.2/25, ms1mx0.4/6, Error ellipse: s-maj=8.2km s-min=6.2km az=81.0
SZGRF 23 15:26:19.0, 0.4, 35N-143.59E, h115km, mb6.7, Off east coast of Honshu, Japan
JMA 23 15:26:19.6, 0.1, 39.73N, 141.64E, h108km, 1km, M6.8 Broadband fault plane solution: P waves. NP1.3235.00000, delta.9.000000, lambda-53.00000. NP2.3235.00000, delta.9.000000, lambda-107.00000. Principal axes: T Plg22.00000, Azm325.00000; N Plg16.00000, Azm228.00000; P Plg62.00000, Azm106.00000.

GCMT 23 15:26:24.1, 0.1, 39.73N, 141.51E, h99km, MW6.8, Moment Tensor Solution: s113, c289, s99, c234. Moment tensor: Scale 10^19 Nm; M1: -1.35; M2: 1.01; M3: 0.49; M4: 0.18; M5: 0.11; M6: -0.11; M7: 0.11; M8: 0.13; M9: 0.11; M10: 1.57; M11: 1.57. Best double couple: M1.90000-10.19, NP1.3235.00000, delta.9.00000, lambda-75.00000. NP2.3235.00000, delta.9.00000, lambda-95.00000. Principal axes: T 1.6700, Plg27.00000, Azm272.00000; N 0.5100, Plg5.00000, Azm179.00000; P -2.1800, Plg62.00000, Azm80.00000. Data Used: II IU CN IC G. LP body wave period 50 sec. Mantle waves from 103 sta. Surface waves: sta=116, comp=304, per=50.

DJA 23 15:26:24.3, 39.68N, 141.33E, h120km, Mw7.3/93
ISC 23 15:26:27.0, 0.1, 39.80N, 141.51E, 0.01, h113km, h113km, 6km, pP, n2367, c086/2372, mb6.5/544, 49C-304D, Eastern Honshu

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for JJKZ Kuzumaki, 0.23 325 U Pp Sg, 15 26 35.5 -1.1.

Table with columns for station code, name, frequency, and other parameters. Includes stations like ONAJ, JSB, JZH, etc.

Table with columns for station code, name, frequency, and other parameters. Includes stations like SKR, Severo-Kuril's, PETK, etc.

Table with columns for station code, name, frequency, and other parameters. Includes stations like HHC, CHT, CIT, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries like KEH Kehvi, KEO Scoresbysund, SCO Scoresbysund, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries like DBOC Borcka, ASHO Ashiyah, STKA Stephens Creek, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries like AKASG Malin Array Si, AKASG Malin Array Si, AKASG Malin Array Si, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Value, Unit, Status, Date. Includes entries like J15A Blackfoot, YMR Madison River, P10A Eureka, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Value, Unit, Status, Date. Includes entries like KIS Kishinev, KIS Kishinev, KIS Kishinev, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Value, Unit, Status, Date. Includes entries like COOP Copenhagen, LRMCO Laurel Mountain, DUG Dugway, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes entries like CLL, ISK, BORA, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes entries like X15A, N24A, HDMB, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes entries like DEMI, MAMC, PLD, etc.

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Table with columns for call sign, name, frequency, and other details. Includes entries like GRUS Gruba, T22A Edith, PCCY Paphos, GADA Gyggeada, DNZL Cakirokul, S23A Nye Farm, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries like MOO MRO, CRES Cresnjev, VAY Valandovo, VAY Valandovo, WYV Valandovo, S25A Roberts Cordova, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries like WLF1 comp=Z,42um,37.6s, WLF1 Lymfaes, WLF1 comp=Z,2um,1.5s,mb6.6, GIVF Givet, etc.

23d 15h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like Montbardon, Tolfa, Waïtaha Valley, etc.

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Table with columns for station code, name, frequency, power, and other technical details. Includes stations like Les Rejaudoux, Ste Croix, Eamscluegh, etc.

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Table with columns for station code, name, frequency, power, and other technical details. Includes stations like Lisbon, Lisboen, University of, etc.

Table with columns: SVE, Sverdlövsk, 26.23 61 eP, P, 16 22 20.0 +0.1, etc. Lists various stations and their coordinates.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists station codes and names.

Table with columns: MERS, Mersin, 1.13 236 ePn, Pg, 16 29 01.4 -1.0, etc. Lists stations in the Mersin region.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists station codes and names.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists station codes and names.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists station codes and names.

Table with columns: CHCH, Chadas Angostu, 0.88 339 iJP, P, 16 02 16.6 -0.2, etc. Lists stations in the Chadas Angostu region.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists station codes and names.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists station codes and names.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists station codes and names.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists station codes and names.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, H, m, s, ISC. Includes stations like HFS Hagfors, AKTO Aktyubinsk, TORO Torodi Ar. Bea, MKAR Makanchi Array, etc.

GUC 23 17:16:13.0.0.7, 21.61S, 68.60W, h148km, 10km, ML3.6, 3C, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, H, m, s, ISC. Includes stations like PB01 Plate Boundary, PB04 Plate Boundary, MACH Maria Elena, etc.

ISCJB 23 17:24:45.8.4.1, 6.1N, 0.2, 94.6E, 0.4, h106km, 32km, mb3.7/6, Error ellipse: s-maj=65.5km s-min=14.2km az=153.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, H, m, s, ISC. Includes stations like PSI Prapat, CMAR Chiang Mai Arr, MKAR Makanchi Array, etc.

ISCJB 23 17:29:45.0.1.3, 13.41N, 0.09, 91.41W, 0.07, h40km, 13km, mb4.0/5, Error ellipse: s-maj=18.0km s-min=6.2km az=33.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, H, m, s, ISC. Includes stations like JAT Jato, FUG Fuego 3, PKG Pacaya, etc.

ISCJB 23 17:29:45.9.1.8, 13.49N, 0.91, 34W, h30km, 23km, MD3.9, mb4.0(NEIC)

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, H, m, s, ISC. Includes stations like CMIG Chiang Mai Arr, JTS JuntasAbangare, etc.

IDC 23 17:30:16.1.0.9, 32.49N, 105.30E, h0km, mb4.2/15, mb1.4/2.17, mb1mx4.0/29, mbtmp4.1/17, ML3.3/2, Error ellipse: s-maj=37.3km s-min=16.4km az=59.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, H, m, s, ISC. Includes stations like ARU Arti, ARK Aktyubinsk, AKTO Aktyubinsk, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, H, m, s, ISC. Includes stations like CD2 CD2, XAN Xian, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, H, m, s, ISC. Includes stations like ARU Arti, ARK Aktyubinsk, AKTO Aktyubinsk, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, H, m, s, ISC. Includes stations like ASF Jabal al Asfar, BR131 Keskin Array S, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, H, m, s, ISC. Includes stations like BR131 Keskin Array S, BR131 Keskin Array B, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, H, m, s, ISC. Includes stations like BR131 Keskin Array B, BR131 Keskin Array S, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, H, m, s, ISC. Includes stations like BR131 Keskin Array S, BR131 Keskin Array B, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, H, m, s, ISC. Includes stations like BR131 Keskin Array B, BR131 Keskin Array S, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, H, m, s, ISC. Includes stations like BR131 Keskin Array S, BR131 Keskin Array B, etc.

23d 18h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like APSI Ampana, PCI Palu, KMSI Cibinong, etc.

BUI 23 18:04:35.2, 40'60N:142'73E, h62km, mB5.0/3, mb4.2/4
MOS 23 18:04:43.9, 1.2, 41'64N:142'18E, h77km, mb4.3/9, Error
ellip: s-maj=14.7km s-min=8.9km az=75.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JOT Ohata, JKB Kayabe, JNBK Urawaka-nobuka, etc.

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KUR KUR, MAJO Matushiro, MAT Matushiro, etc.

IDC 23 18:12:41.6, 2.0, 1'24N:97'04E, h0km, mb3.5/3, mb1.3/4,
mb1mx3.3/22, mbtmp3.4/4, ML2.6/1, MS3.1/1, MS1 3/1,
ms1mx2.3/26, Error ellip: s-maj=53.1km s-min=29.0km
az=52.0

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

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

CASC 23 18:23:09.3, 0.2, 8'50N:82'93W, h5km, gkm, MD4.3, ML3.3, 9C-2D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ACR Cerro Adams, BRU2 Volcan, BRU2 TBS2, etc.

CSEM 23 18:34:20.9, 0.2, 66'59N:17'68W, h12km, ML3.7, Error
ellip: s-maj=3.9km s-min=3.2km az=17.0

ISCJB 23 18:34:21.7, 0.6, 66'56N:0'03, 17'69W, h0.06, h13km, 3km,
mb3.6/6, Error ellip: s-maj=4.7km s-min=4.1km az=0.7

REY 23 18:34:22.9, 1.0, 66'34N:17'56W, h0km, mb3.6/6,
mb1.3/9, mb1mx3.6/27, mbtmp3.7/8, ML3.3/2, MS3.6/2,
Ms1 3.6/2, ms1mx3.1/33, Error ellip: s-maj=28.9km
s-min=17.0km az=171.0

ISC 23 18:34:22.0, 0.6, 66'53N:0'03, 17'67W, h0.06, h7km, 3km,
n34, c109/57, mb3.6/6, Iceland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IGRI Grimsey, IFLA Flatey, IFLA IFLA, etc.

MOS 23 18:35:01.4, 0.9, 66'43N:17'74W, h9km, mb4.3/37, Error
ellip: s-maj=15.6km s-min=5.5km az=104.4

SZGRF 23 18:35:11.8, 65.76N, 17.67W, h33km, mb4.3, Iceland
ISC 23 18:35:02.0, 0.4, 66.45N, 0.02, 17.69W, 0.04, h2km, 2km,
n277, r106/300, mb4.2/61, MS4.2/3, 1C-4D, Iceland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like GRIMSEY, FLATEY, BREITINGSSTAOI, HEIINHOFI, etc.

Table with columns: CLL, Colim, 21.61 120, i/P, P, 18 39 52.7 -0.1. Lists stations like COLLIM, COLLIM, COLLIM, COLLIM, etc.

Table with columns: ORIF, Oris-en-Rattie, 25.03 138 eP, P, 18 40 27.9 +0.8. Lists stations like ORIF, SJPF, LASF, LASF, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residuals. Includes stations like TORO, PV01, WMQ, MOD, MSU, SONM, NVAR, MNTX, TXAR, GTA, HHC, MDJ, GYA, CMAR, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residuals. Includes stations like URZ, MWZ, CNZ, KMI, CMAR, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residuals. Includes stations like IGRI, IFLA, IBRE, LEIRHOF, IHED, IGRA, ISIG, IHLA, IGL, IKVO, IREN, IGRS, ISVA, IMKO, IADA, IHVA, IHVE, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residuals. Includes stations like KOZT, ANDN, KARA, CEYT, GULE, SAR, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residuals. Includes stations like PSI, CMAR, UCH, MKAR, FITZ, SONM, ZALV, BVAR, ASAR, STKA, etc.

Text block containing station coordinates and metadata: BGS 23 19:54:26.61, 4.31, 77N; 106.52E, h10km, mb5.5, MS5.3, BUI 23 19:54:42.9, 32.72N, 105.63E, h10km, mB5.8/25, mb5.6/35, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residuals. Includes stations like CD2, XAN, LZH, GYA, TIY, WHN, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residuals. Includes stations like WHN, WHN, GTA, KMI, BTO, HHC, HHC, HHC, TIA, TIA, BJI, BJI, NJ2, NJ2, GZH, GZH, LSA, LSA, IMP, IMP, HKC, SSE, SSE, SSE, QZH, QZH, QZH, CHRT, SHL, QIZ, QIZ, QIZ, DL2, DL2, DL2, DL2, SONM, SONM, SONM, SONM, ULN, ULN, ULN, ULN, CHG, CHG, CHTO, CHTO, etc.

23d 19h

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Table with columns for flight codes (e.g., YSS, DAV, POO), destinations (e.g., Davao City, Poona), times, and status indicators (e.g., P, S, M, L).

Table with columns for flight codes (e.g., AKTO, IKOO, BNI), destinations (e.g., Aktyubinsk, Kooshah, Bone), times, and status indicators (e.g., P, S, M, L).

Table with columns for flight codes (e.g., DGRG, ILIN, IAZR), destinations (e.g., Lien, Azarshahr, Mtatsmindia), times, and status indicators (e.g., S, P, M, L).

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23d 19h

Table with columns: Station, Frequency, Power, Direction, Date, Time, etc. Includes stations like OBN, KAKA, GUMT, DIYA, KELT, etc.

Table with columns: Station, Frequency, Power, Direction, Date, Time, etc. Includes stations like PMG, IZAR, MMAL, IGIN, GAMB, etc.

Table with columns: Station, Frequency, Power, Direction, Date, Time, etc. Includes stations like ASAR, STAS, STHS, BDRM, etc.

| | | | | | |
|------|--|-----|------------|------|--|
| STKA | comp-Z,473nm,20.7s,MS4.8,baz=147,slow=37 | | | | |
| STKA | Stephens Creek 72.81 148 eP | P | 20 06 12.9 | -1.4 | |
| CABF | comp-Z,5.1nm,0.9s,mb5.4 | | | | |
| CABF | La Chapelle 72.81 315 eP | P | 20 06 14.0 | -0.3 | |
| CABF | comp-Z,61nm,1.1s,mb5.4 | | | | |
| CABF | La Chapelle 72.81 315 eP | P | 20 06 14.0 | -0.3 | |
| CABF | comp-Z,61nm,1.1s,mb5.4 | | | | |
| CABF | La Chapelle 72.81 315 eP | P | 20 06 14.0 | -0.3 | |
| EBH | Black Hill 72.89 326 P | P | 20 06 13.7 | -0.9 | |
| EBH | Black Hill 72.89 326 eP | P | 20 06 13.7 | -0.9 | |
| EDI | Edinburgh 72.92 326 P | P | 20 06 13.9 | -0.9 | |
| EDI | comp-Z,92nm,1.9s,mb5.4 | | | | |
| EDI | Edinburgh 72.92 326 eP | P | 20 06 13.9 | -0.9 | |
| EDI | comp-Z,92nm,1.9s,mb5.4 | | | | |
| EDI | Edinburgh 72.92 326 eP | P | 20 06 13.9 | -0.9 | |
| EBL | comp-Z,84nm,16.6s,MS5.1 | | | | |
| EBL | Broad Law 72.93 326 P | P | 20 06 14.1 | -0.7 | |
| EBL | Broad Law 72.93 326 eP | P | 20 06 14.1 | -0.7 | |
| LPG | La Plagne 72.96 313 eP | P | 20 06 15.7 | +0.5 | |
| LPG | comp-Z,329nm,1.0s,mb5.9 | | | | |
| LPG | La Plagne 72.96 313 eP | P | 20 06 15.7 | +0.5 | |
| LPG | comp-Z,165nm,1.0s,mb5.9 | | | | |
| LPG | La Plagne 72.96 313 eP | P | 20 06 15.7 | +0.5 | |
| LPG | comp-Z,164nm,1.0s,mb5.9 | | | | |
| LPL | La Plagne 72.96 313 eP | P | 20 06 15.7 | +0.5 | |
| LPL | comp-Z,277nm,1.1s,mb5.8 | | | | |
| LPL | La Plagne 72.96 313 eP | P | 20 06 15.7 | +0.5 | |
| LPL | comp-Z,138nm,1.1s,mb5.8 | | | | |
| LPL | La Plagne 72.96 313 eP | P | 20 06 15.7 | +0.5 | |
| PGF | comp-Z,138nm,1.1s,mb5.8 | | | | |
| PGF | Pioggiola 72.99 310 eP | P | 20 06 15.6 | +0.2 | |
| PGF | comp-Z,258nm,1.1s,mb5.8 | | | | |
| PGF | Pioggiola 72.99 310 eP | P | 20 06 15.6 | +0.2 | |
| PGF | comp-Z,129nm,1.1s,mb5.8 | | | | |
| PGF | Pioggiola 72.99 310 eP | P | 20 06 15.6 | +0.2 | |
| PGF | comp-Z,129nm,1.1s,mb5.8 | | | | |
| KAC | Achnashellach 73.00 328 P | P | 20 06 14.2 | -1.1 | |
| KAC | Achnashellach 73.00 328 eP | P | 20 06 14.2 | -1.1 | |
| RRR | Rubha Reidh 73.02 329 P | P | 20 06 14.4 | -0.9 | |
| RRR | Rubha Reidh 73.02 329 eP | P | 20 06 14.4 | -0.9 | |
| MENF | Mencas 73.07 320 eP | P | 20 06 15.8 | 0.0 | |
| EAU | Auchinoon 73.08 326 P | P | 20 06 15.2 | -0.5 | |
| EAU | Auchinoon 73.08 326 eP | P | 20 06 15.2 | -0.5 | |
| SAOP | Garage 73.21 312 eP | P | 20 06 16.7 | 0.0 | |
| BNI | Bardonecchia 73.23 313 eP | P | 20 06 16.4 | -0.4 | |
| BNI | comp-Z,38nm,0.9s,mb5.3 | | | | |
| BNI | comp-Z,1um,19.0s,MS5.2 | | | | |
| BNI | Bardonecchia 73.23 313 eP | P | 20 06 16.4 | -0.4 | |
| BNI | comp-Z,38nm,0.9s,mb5.3 | | | | |
| HPK | comp-Z,1um,19.0s,MS5.2 | | | | |
| HPK | Haver Park 73.24 324 AMS | AMS | 20 42 22.4 | | |
| KPL | Plockton 73.25 328 P | P | 20 06 14.9 | -1.8 | |
| KPL | comp-Z,2um,16.4s | | | | |
| KPL | Plockton 73.25 328 eP | P | 20 06 14.9 | -1.8 | |
| KPL | comp-Z,98nm,2.0s,mb5.4 | | | | |
| KPL | Plockton 73.25 328 eP | P | 20 06 14.9 | -1.8 | |
| KPL | comp-Z,2um,16.4s,MS5.4 | | | | |
| KPL | Plockton 73.25 328 eP | P | 20 06 14.9 | -1.8 | |
| ESK | Eskdalemuir 73.26 326 eP | P | 20 06 16.0 | -0.8 | |
| ESK | comp-Z,115nm,1.6s,mb5.6 | | | | |
| ESK | Eskdalemuir 73.26 326 eP | P | 20 06 16.0 | -0.8 | |
| ESK | comp-Z,939nm,19.0s,MS5.1 | | | | |
| ESK | Eskdalemuir 73.26 326 eP | P | 20 06 16.0 | -0.8 | |
| ESK | comp-Z,115nm,1.6s,mb5.6 | | | | |
| AUTN | L'Aution 73.28 312 eP | P | 20 06 17.3 | +0.1 | |
| AUTN | L'Aution 73.28 312 eP | P | 20 06 17.3 | +0.1 | |
| ECK | Cauldkaime Hill 73.30 325 eP | P | 20 06 16.3 | -0.8 | |
| ECK | Cauldkaime Hill 73.30 325 eP | P | 20 06 16.3 | -0.8 | |
| EAB | Aberfoyle 73.31 327 P | P | 20 06 16.5 | -0.6 | |
| EAB | Aberfoyle 73.31 327 eP | P | 20 06 16.5 | -0.6 | |
| ELSH | Elham, Stander 73.32 320 P | P | 20 06 16.8 | -0.4 | |
| ELSH | comp-Z,128nm,2.3s,mb5.4 | | | | |
| ELSH | Elham, Stander 73.32 320 eP | P | 20 06 16.8 | -0.4 | |
| ELSH | comp-Z,128nm,2.3s,mb5.4 | | | | |
| ELSH | Elham, Stander 73.32 320 eP | P | 20 06 16.8 | -0.4 | |
| MBDF | Montbardon 73.33 313 eP | P | 20 06 18.5 | +1.1 | |
| MBDF | comp-Z,84nm,0.9s,mb5.4 | | | | |
| MBDF | Montbardon 73.33 313 eP | P | 20 06 18.5 | +1.1 | |
| MBDF | comp-Z,42nm,0.9s,mb5.4 | | | | |
| MBDF | Montbardon 73.33 313 eP | P | 20 06 18.5 | +1.1 | |
| SBF | Sospel 73.34 312 eP | P | 20 06 17.1 | -0.4 | |
| SBF | comp-Z,252nm,1.0s,mb5.8 | | | | |
| SBF | Sospel 73.34 312 eP | P | 20 06 17.1 | -0.4 | |
| SBF | comp-Z,126nm,1.0s,mb5.8 | | | | |
| SBF | Sospel 73.34 312 eP | P | 20 06 17.1 | -0.4 | |
| RRH | Rhenigdale 73.36 329 P | P | 20 06 15.8 | -1.5 | |
| RRH | Rhenigdale 73.36 329 eP | P | 20 06 15.8 | -1.5 | |
| LUCF | Luceram 73.38 312 eP | P | 20 06 17.7 | -0.1 | |
| TOUF | Mont Tourmerai 73.39 312 eP | P | 20 06 17.7 | -0.1 | |
| REUF | Revere 73.44 312 eP | P | 20 06 17.8 | -0.3 | |
| MWIF | Mont Vial 73.50 312 eP | P | 20 06 17.8 | -0.7 | |
| MWIF | Peninsula 73.51 29 eP | P | 20 06 18.5 | +0.3 | |
| KARI | Arisaig 73.57 328 P | P | 20 06 18.4 | -0.2 | |
| KARI | Arisaig 73.57 328 eP | P | 20 06 18.4 | -0.2 | |
| KB1 | Birley Grange 73.57 323 P | P | 20 06 17.9 | -0.8 | |
| KB1 | Birley Grange 73.57 323 eP | P | 20 06 17.9 | -0.8 | |
| PGBU | Glenifferbraes 73.58 326 P | P | 20 06 18.2 | -0.5 | |
| PGBU | comp-Z,161nm,1.8s,mb5.7 | | | | |
| PGBU | Glenifferbraes 73.58 326 eP | P | 20 06 18.2 | -0.5 | |
| PGBU | comp-Z,161nm,1.8s,mb5.7 | | | | |
| PGBU | Glenifferbraes 73.58 326 eP | P | 20 06 18.2 | -0.5 | |
| KSK | Scoval 73.64 329 P | P | 20 06 17.9 | -1.1 | |
| KSK | Scoval 73.64 329 eP | P | 20 06 17.9 | -1.1 | |
| CALN | Calern 73.74 312 eP | P | 20 06 19.6 | -0.3 | |
| CWF | Charmwood Fore 73.74 323 AMS | AMS | 20 40 39.5 | | |
| ORIF | Oris-en-Rattie 73.78 313 eP | P | 20 06 20.0 | -0.1 | |
| ORIF | comp-Z,190nm,1.1s,mb5.7 | | | | |
| ORIF | Oris-en-Rattie 73.78 313 eP | P | 20 06 20.0 | -0.1 | |
| ORIF | comp-Z,1um,19.8s,MS5.0 | | | | |
| ORIF | Oris-en-Rattie 73.78 313 eP | P | 20 06 20.0 | -0.1 | |
| ORIF | comp-Z,95nm,1.1s,mb5.6 | | | | |
| ORIF | Oris-en-Rattie 73.78 313 eP | P | 20 06 20.0 | -0.1 | |
| LOR | Lormes 73.80 316 eP | P | 20 06 19.1 | -1.1 | |
| LOR | comp-Z,104nm,1.4s,mb5.3 | | | | |
| LOR | Lormes 73.80 316 eP | P | 20 06 19.1 | -1.1 | |
| LOR | comp-Z,52nm,1.4s,mb5.3 | | | | |
| LOR | Lormes 73.80 316 eP | P | 20 06 19.1 | -1.1 | |
| LOR | comp-Z,52nm,1.4s,mb5.3 | | | | |
| LOR | Lormes 73.80 316 eP | P | 20 06 19.1 | -1.1 | |
| GCD | Castle Douglas 73.87 325 P | P | 20 06 19.6 | -0.7 | |
| GCD | Castle Douglas 73.87 325 eP | P | 20 06 19.6 | -0.7 | |
| FRF | La Foret Royal 73.99 312 eP | P | 20 06 20.7 | -0.6 | |
| FRF | comp-Z,95nm,1.2s,mb5.3 | | | | |
| FRF | La Foret Royal 73.99 312 eP | P | 20 06 20.7 | -0.6 | |
| FRF | comp-Z,48nm,1.2s,mb5.3 | | | | |
| FRF | La Foret Royal 73.99 312 eP | P | 20 06 20.7 | -0.6 | |
| STNC | Stoke 74.00 323 P | P | 20 06 19.8 | -1.5 | |
| STNC | Stoke 74.00 323 eP | P | 20 06 19.8 | -1.5 | |

| | | | | | |
|------|-----------------------------|---|------------|------|--|
| SSF | Saint Saulge 74.11 316 eP | P | 20 06 21.2 | -0.8 | |
| SSF | comp-Z,85nm,1.3s,mb5.2 | | | | |
| SSF | Saint Saulge 74.11 316 eP | P | 20 06 21.2 | -0.8 | |
| SSF | comp-Z,42nm,1.3s,mb5.2 | | | | |
| SSF | Saint Saulge 74.11 316 eP | P | 20 06 21.2 | -0.8 | |
| SMF | Signal de Mont 74.13 315 eP | P | 20 06 21.5 | -0.6 | |
| SMF | Signal de Mont 74.13 315 eP | P | 20 06 21.5 | -0.6 | |
| SMF | Signal de Mont 74.13 315 eP | P | 20 06 21.5 | -0.6 | |
| SMF | Signal de Mont 74.13 315 eP | P | 20 06 21.5 | -0.6 | |
| SMF | Signal de Mont 74.13 315 eP | P | 20 06 21.5 | -0.6 | |
| LMR | La Moure 74.19 312 eP | P | 20 06 22.0 | -0.5 | |
| LMR | La Moure 74.19 312 eP | P | 20 06 22.0 | -0.5 | |
| LMR | La Moure 74.19 312 eP | P | 20 06 22.0 | -0.5 | |
| LMR | La Moure 74.19 312 eP | P | 20 06 22.0 | -0.5 | |
| GALI | Galloway 74.23 326 P | P | 20 06 20.8 | -1.8 | |
| GALI | comp-Z,93nm,2.1s,mb5.3 | | | | |
| GALI | Galloway 74.23 326 eP | P | 20 06 20.8 | -1.8 | |
| GALI | comp-Z,728nm,12.7s | | | | |
| GALI | Galloway 74.23 326 eP | P | 20 06 20.8 | -1.8 | |
| GALI | comp-Z,93nm,2.1s,mb5.3 | | | | |
| GALI | Galloway 74.23 326 eP | P | 20 06 20.8 | -1.8 | |
| GALI | comp-Z,728nm,12.7s,MS5.2 | | | | |
| OCF | Saint Nazaire 74.31 313 eP | P | 20 06 23.5 | +0.3 | |
| OC25 | St-Nazaire-De 74.31 313 eP | P | 20 06 23.5 | +0.3 | |
| AVF | Avril sur Lior 74.34 316 eP | P | 20 06 22.8 | -0.5 | |
| AVF | comp-Z,210nm,1.3s,mb5.6 | | | | |
| AVF | Avril sur Lior 74.34 316 eP | P | 20 06 22.8 | -0.5 | |
| AVF | comp-Z,105nm,1.3s,mb5.6 | | | | |
| AVF | Avril sur Lior 74.34 316 eP | P | 20 06 22.8 | -0.5 | |
| SSB | Saint Sauveur 74.42 314 eP | P | 20 06 24.2 | +0.4 | |
| SMRF | Simiane la Rot 74.45 312 eP | P | 20 06 23.7 | -0.3 | |
| SMRF | comp-Z,107nm,1.4s,mb5.3 | | | | |
| SMRF | Simiane la Rot 74.45 312 eP | P | 20 06 23.7 | -0.3 | |
| SMRF | comp-Z,107nm,1.4s,mb5.3 | | | | |
| HYF | Humbigny 74.51 316 eP | P | 20 06 24.2 | -0.1 | |
| VIVF | Saint-Julien- 74.55 314 eP | P | 20 06 24.1 | -0.5 | |
| VIVF | comp-Z,112nm,1.2s,mb5.3 | | | | |
| VIVF | Saint-Julien- 74.55 314 eP | P | 20 06 24.1 | -0.5 | |
| VIVF | comp-Z,56nm,1.2s,mb5.4 | | | | |
| VIVF | Saint-Julien- 74.55 314 eP | P | 20 06 24.1 | -0.5 | |
| VIVF | comp-Z,56nm,1.2s,mb5.4 | | | | |
| SWN1 | Swindon 74.67 322 P | P | 20 06 24.8 | -0.3 | |
| SWN1 | comp-Z,110nm,1.6s,mb5.5 | | | | |
| SWN1 | Swindon 74.67 322 eP | P | 20 06 24.8 | -0.3 | |
| SWN1 | comp-Z,1um,18.4s | | | | |
| SWN1 | Swindon 74.67 322 eP | P | 20 06 24.8 | -0.3 | |
| SWN1 | comp-Z,110nm,1.6s,mb5.5 | | | | |
| SWN1 | Swindon 74.67 322 eP | P | 20 06 24.8 | -0.3 | |
| WPM1 | Penmaenmawr 74.76 324 P | P | 20 06 24.5 | -1.1 | |
| WPM1 | Penmaenmawr 74.76 324 eP | P | 20 06 24.5 | -1.1 | |
| BGF | Bois d'Agland 74.76 316 eP | P | 20 06 25.1 | -0.7 | |
| BGF | comp-Z,119nm,1.6s,mb5.3 | | | | |
| BGF | Bois d'Agland 74.76 316 eP | P | 20 06 25.1 | -0.7 | |
| BGF | comp-Z,60nm,1.6s,mb5.3 | | | | |
| BGF | Bois d'Agland 74.76 316 eP | P | 20 06 25.1 | -0.7 | |
| BGF | comp-Z,60nm,1.6s,mb5.3 | | | | |
| WME | Myrdd Eilian 74.88 324 P | P | 20 06 25.1 | -1.2 | |
| WME | Myrdd Eilian 74.88 324 eP | P | 20 06 25.1 | -1.2 | |
| YLL | Llanberis 74.96 324 P | P | 20 06 25.2 | -1.5 | |
| YLL | Llanberis 74.96 324 eP | P | 20 06 25.2 | -1.5 | |
| WLF1 | Llynfaes 74.98 324 P | P | 20 06 26.2 | -0.7 | |
| WLF1 | comp-Z,248nm,1.7s,mb5.8 | | | | |
| WLF1 | Llynfaes 74.98 324 eP | P | 20 06 26.2 | -0.7 | |
| WLF1 | comp-Z,2um,15.0s | | | | |
| WLF1 | Llynfaes 74.98 324 eP | P | 20 06 26.2 | -0.7 | |
| WLF1 | comp-Z,248nm,1.7s,mb5.8 | | | | |
| WLF1 | Llynfaes 74.98 324 eP | P | 20 06 26.2 | -0.7 | |
| MCH1 | Michaelchurch 75.02 323 P | P | 20 06 26.2 | -0.9 | |
| MCH1 | comp-Z,77nm,2.3s,mb5.2 | | | | |
| MCH1 | Michaelchurch 75.02 323 eP | P | 20 06 26.2 | -0.9 | |
| MCH1 | comp-Z,1um,17.6s,MS5.2 | | | | |
| YRC | Rhoscolyn 75.09 324 P | P | 20 06 26.2 | -1.3 | |
| YRC | Rhoscolyn 75.09 324 eP | P | 20 06 26.2 | -1.3 | |
| HTR | Trewern Hill 75.11 323 P | P | 20 06 27.0 | -0.7 | |
| HTR | Trewern Hill 75.11 323 eP | P | 20 06 27.0 | -0.7 | |
| GMM | Mts of Mourne 75.18 326 P | P | 20 06 26.6 | -1.4 | |
| GMM | Mts of Mourne 75.18 326 eP | P | 20 06 26.6 | -1.4 | |
| SKAG | Skagway 75.25 27 eP | P | 20 06 28.8 | +0.5 | |
| TCF | Toux Ste Croi 75.28 316 eP | | | | |

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GRTK, RKT, GTBY, ANWB, FDF, TUOH, GREG, JTS, BCIP, OTAV, PMSA, NNA, LPAZ, CPUP, TRQA, PLCA, CFAA, LCO.

ISCJB 23:20:14.21.8.0.7, 36.07N.0.04.0.63W, h10km, Error ellipse: s-maj=5.7km s-min=4.8km az=160.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like USTO, ODZI, ENIJ, EMUR, EBEB, EBER, EGUA, EQES, EBEN, EBEN.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like EBEN, ETOB, EVIA, EBAN, EIBI, EMIJ, ECHE, EADA, EMOS, ESDC, ETOS, EMIN, EPOB, EBAD, EQES, EGUA, EBEN, EBEN, EBEN, EBEN.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NVAR, ILAR, ARCES, FINES, DPC, UPC, PRU, EKA, NKC, KHC, KHC, KHC.

ISK 23:20:29.39.6.35.87N.27.76E, h22km, MD3.2
ATH 23:20:29.40.0.35.90N.27.83E, h51km, 2km, MD3.0/4
NEIC 23:20:29.40.0.35.90N.27.83E, h51km, MD3.0(A,TH), MD3.0(ISK), After ATH.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARG, ARG, ARG, ARG, KARP, KARP, KARP, KARP, DAT, DAT, DAT, TURN, TURN, TURN, BDRM, BDRM, BDRM, BDRM, YER, YER, YER, AKAS, AKAS, MLSB, MLSB, AYDN, AYDN, AYDN, NPS, NPS, NPS, SMG, SMG, SMG, APE, APE, APE, APE.

IDC 23:20:32.07.1.5.3.47S.145.57E, h0km, mb3.9/7, mb1 4.1/7, mb1mx3.9/15, mbtmp3.9/7, Error ellipse: s-maj=55.5km s-min=21.2km az=101.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMG, WRAB, ASAR, FITZ, STKA, SONM, MKAR, ZALV, ILAR.

IDC 23:20:32.17.8.0.9.19.72S.174.97W, h0km, mb4.3/7, mb1 4.4/10, mb1mx4.2/22, mbtmp4.4/10, ML4.6/2, Error ellipse: s-maj=30.1km s-min=20.3km az=129.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AFI, AFI, AFI, RAR, RAR, URZ, URZ, RPZ, CTA, CTA, ASAR, ASAR, ASAR, WFRB, WFRB, MJAR, MJAR.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes NEIC 23 20:45:03.7, 58.31N, 133.47W, h1km, ML3.1 (PGC), ML2.7(AE/C), After PGC.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes NEIC 23 20:47:06.2, 3.21, 21.88S, 175.63W, h35km, mb4.1/3, Error ellipse: s-maj=86.3km s-min=26.8km az=149.0.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes ISJCJB 23 21:08:40.1, 0.3, 43.78N, 0.04, 138.97E, 0.07, h259km, 5km, mb3.6/17, ID, Error ellipse: s-maj=9.0km s-min=5.7km az=30.3.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes JSK Shakotan, JSH Shimane, JOSH Okushiri-Mats, JOSH Matsushima.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes JFR Furan, JJK2 Kamakawa 2, JJK2 Kamakawa 1, JOK Ohata.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes BRVK Borovoye, ILAR Eielson Array, TKM2 Tokmak 2, TKM2 Tokmak 2.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes KAF Kangasniemi, KAF Kangasniemi, FINES FINESS Array B, FINES FINESS Array B.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes DDEM Demirkent, DDEM Demirkent, DBAD Bademkaya, DBAD Bademkaya.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes ASAJ Ashihikawa, ASAJ Ashihikawa, ASAJ Ashihikawa, ASAJ Ashihikawa.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes RLS Riolos of Patr, GUR Gaura, GUR Gaura, DID Didima.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes CSEM 23 22:04:03.2, 0.8, 36.30N, 21.32E, h15km, ML3.2/4, Error ellipse: s-maj=17.1km s-min=8.7km az=54.0.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes PVL PYLOS, PVL PYLOS, PVL PYLOS, PVL PYLOS.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes RLS Riolos of Patr, RLS Riolos of Patr, RLS Riolos of Patr, RLS Riolos of Patr.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes ISJCJB 23 22:04:47.2, 0.4, 67.23N, 0.02, 20.6E, 0.1, h0km, Error ellipse: s-maj=6.0km s-min=3.4km az=12.5.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes HEL 23 22:04:48.9, 0.1, 67.22N, 20.70E, h0km, ML1.8(UPP), ML1.9(BER), ML2.0(NAO), Explosion.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes LANU Lannavaara, HARU Harads, HARU Harads, HEF Hetta.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes KATU Kautokeino, KATU Kautokeino, KATU Kautokeino, KATU Kautokeino.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes KATU Kautokeino, STEI Steigen, STEI Steigen, STEI Steigen.

23d 22h

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like ARAO ARCESS Array S, UMAU Umeaa, BRED Bredtraesk, etc.

NIED 23 22:10:00.37:60N:143:00E, h17km, Mw3.7 Best double couple: M3.77000x10^14 NP1.3x10^00000^0.867 00000^0.189 00000^0. NP2.3x10^194 00000^0.823 00000^0.193 00000^0.

ISCJ 23 22:10:51.9:1.0, 37.61N:143:23E, h0km, mb3.8/5, mb1 3.7/8, mb1mx3.6/25, mb1mx3.8/8, ML3.5/3, MS3.0/1, Ms1 3.0/1, ms1mx2.5/23, Error ellipse: s-maj=7.6km s-min=29.9km az=113.0

ISCJ 23 22:10:51.9:1.0, 37.61N:143:19E:0.08, h41km, gkm, mb4.1/12, Error ellipse: s-maj=10.4km s-min=5.9km az=11.3

NEIC 23 22:10:51.7:1.0, 37.44N:143:46E, h35km, mb4.6/6, MW3.7(NIED), Error ellipse: s-maj=18.8km s-min=12.0km az=114.0

JMA 23 22:10:52.9:0.2, 37.57N:143:05E, h45km, M3.6

ISC 23 22:10:54.0:0.9, 37.61N:143:12E:0.08, h38km, 8km, n35, r1530/43, mb4.1/12, Off east coast of Honshuu

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like JIO Ouri, JFK Kawauchi, JMM Marumori, etc.

ISCJ 23 22:27:39.9:0.4, 24.14N:121:79E:0.03, h5km, 2km, Error ellipse: s-maj=3.2km s-min=2.2km az=37.9

TAP 23 22:27:40.2, 24:16N:121:74E, h12km, ML3.9, B

JMA 23 22:27:40.1:1.6, 24:17N:121:58E, h56km, M2.6

NEIC 23 22:27:40.0:1.5, 24:16N:121:70E, h10km, Error ellipse: s-maj=21.3km s-min=6.8km az=93.0

ISC 23 22:27:40.1:0.4, 24:13N:121:80E:0.03, h3km, 3km, n57, r0581/94, 13C, Taiwan

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like EHP Heping Village, EHP Heping Village, etc.

2008 JUL

Main table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like NACB Ninganchiao, HWA Hwalien, ENA Nanau, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like ISCJ 23 22:43:29.4:0.4, 24:14N:121:79E:0.02, h6km, 2km, etc.

Table with columns: JJJ, Ishigaki jima, 2.17 84 P, Pn, 22 44 05.7 -0.5, 22 44 32.9 -0.4, 22 44 14.2 +0.5, 22 44 48.1 +1.4

CSEM 23 22:56:35.4, 38°39'N, 26°08'W, h6km, ML2.5, After PDA
PDA 23 22:56:35.4, 1.4, 38°39'N, 26°08'W, h6km, 10km, MD3.5,
ML2.5, Error ellipse: s-maj=6.1km s-min=5.6km az=38.0,

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Angra Heroismo, Ribeirinha, Ribearinha, Manadas, Rosais, Sete Cidades, Candelaria, Grota Negra, Caldeira, Cedros, Cedros, Santa Maria, Pico do Norte, Pico do Norte.

ISCJB 23 22:59:52.3, 0.7, 37°87'N, 0°04'21.55'E, 0.03, h9km, 5km,
Error ellipse: s-maj=6.2km s-min=4.2km az=179.5
CSEM 23 22:59:52.3, 0.7, 37°87'N, 0°21'55'E, h15km, MD2.8, Error
ellipse: s-maj=3.5km s-min=2.7km az=179.0

THE 23 22:59:52.9, 37°88'N, 21°57'E, h11km, 4km, ML2.9/7, Error
ellipse: s-maj=4.2km s-min=0.3km az=15.0

ATH 23 22:59:52.8, 37°94'N, 21°53'E, h2km, MD2.8/5

ISC 23 22:59:52.7, 0.7, 37°88'N, 0°04'21.56'E, 0.03, h17km, 5km,

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like UPRI, UPRI, UPRI, UPRI, LAKA, LAKA, LAKA, Efpalio, Efpalio, Efpalio, GOURA, GOURA, GOURA, GOURA, TRIZONIA, Anninata, Anninata, KALITHEA, KALITHEA, KALITHEA, ITHOMI, ITHOMI, VALSAMATA, VALSAMATA, VALSAMATA, VLACHOKERASIA, VLACHOKERASIA, Desfina, Desfina, Desfina, EVRYTANIA, EVRYTANIA, EVRYTANIA.

NIED 23 23:04:00.21, 30°N, 120°E, h8km, Mw4.7, Best double
couple: M1:1.38000x1016 NP1:302.00000, 359.00000,
lambda=72.00000, NP2:30.00000, 335.00000,
lambda=117.00000

BUI 23 23:04:34.1, 21°29'N, 121°02'E, h7km, mB4.8/29, mb4.6/44,
ML4.1/2, Ms4.7/5, Ms7.4/45

IDC 23 23:04:34.4, 0.5, 21°33'N, 121°23'E, h0km, mb4.5/25,
mb1.4/5/25, mb1mx4.5/29, mbmp4.5/25, MS4.2/18,
Ms1.4/2/18, ms1mx4.0/33, Error ellipse: s-maj=17.5km
s-min=13.2km az=67.0

ISCJB 23 23:04:35.2, 1.1, 21°24'N, 0°02'12.1, 0.03, h15km, 8km,
mb4.7/85, MS4.3/33, Error ellipse: s-maj=4.2km
s-min=3.2km az=32.9

NEIC 23 23:04:35.9, 0.2, 21°27'N, 121°15'E, h10km, mb4.9/31, Error
ellipse: s-maj=4.5km s-min=3.6km az=99.0

JMA 23 23:04:36.5, 0.5, 21°31'N, 120°88'E, h118km, M4.4

MOS 23 23:04:40.2, 0.8, 21°30'N, 121°14'E, h57km, mb5.1/27,
MS4.4/7, Error ellipse: s-maj=9.5km s-min=6.0km
az=104.3

DJA 23 23:04:45.21, 39'N, 121°21'E, h94km, mb5.0/22

SZGRF 23 23:04:57.5, 22°67'N, 122°04'E, h33km, mb4.7, Taiwan
region

ISC 23 23:04:37.3, 0.8, 21°28'N, 0°02'12.107'E, 0.02, h16km, 5km,
h16km, 2km; p-P, n203, at 107/223, mb4.7/85, MS4.3/33,
5C-2D, Taiwan region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TWG, Pinlang, TWG, TPUB, Ta-pu, TPUB, TPUB.

Main table with columns: YULB, Yu-li, 2.11 6 ePn, Pn, 23 05 08.3 -3.6, 23 05 35.5 -2.4, 23 05 16.8 -0.5, 23 05 25.1 -0.2, 23 05 58.1 +0.5, 23 05 23.0 -0.1, 23 06 05.9 +3.1, 23 05 28.8 -0.7, 23 06 10.6 +1.3, 23 05 32.7 -0.2, 23 06 16.4 +0.9, 23 05 33.7 +0.1, 23 06 17.4 +0.4, 23 05 34.8 +0.4, 23 06 19.2 +1.1, 23 05 37.1 +0.5, 23 05 38.4 +0.5, 23 05 26.0 +1.5, 23 05 39.9 -0.4, 23 06 27.5 -1.3, 23 05 40.1 -2.0, 23 06 26.8 -5.1, 23 05 49.0 +1.0, 23 06 43.9 +1.4, 23 05 54.6 -0.4, 23 06 55.9 +0.8, 23 05 56.2 +0.6, 23 07 24.3, 23 06 25.9 +4.7, 23 06 19.8 -4.7, 23 07 11.8 +0.7, 23 09 12.3 +0.7, 23 07 09.9 -1.2, 23 07 15.9 +3.1, 23 07 19.1, 23 07 22.1, 23 09 20.3 +5.8, 23 09 26.5, 23 07 52.3 +0.8, 23 07 55.4 -1.7, 23 08 10.5, 23 10 37.4 +3.5, 23 08 14.6 +2.4, 23 08 29.7 +5.3, 23 08 28.8 -1.0, 23 08 32.5 -4.3, 23 08 37.0 +0.4, 23 08 37.1 +0.5, 23 08 40.3 +2.3, 23 08 44.0 -2.1, 23 08 54.3, 23 11 52.6 +2.6, 23 12 13.6, 23 08 49.1 -0.9, 23 08 52.8 -1.9, 23 08 55.8 -1.0, 23 09 04.8, 23 12 11.6 -1.8, 23 12 17.3 -8.4, 23 12 35.1, 23 09 10.7 +0.7, 23 09 11.4 +1.0, 23 09 11.0 -2.1, 23 12 62.5, 23 09 16.3 +0.7, 23 13 00.3 -5.0, 23 09 08.3 -3.6, 23 05 35.5 -2.4, 23 05 16.8 -0.5, 23 05 25.1 -0.2, 23 05 58.1 +0.5, 23 05 23.0 -0.1, 23 06 05.9 +3.1, 23 05 28.8 -0.7, 23 06 10.6 +1.3, 23 05 32.7 -0.2, 23 06 16.4 +0.9, 23 05 33.7 +0.1, 23 06 17.4 +0.4, 23 05 34.8 +0.4, 23 06 19.2 +1.1, 23 05 37.1 +0.5, 23 05 38.4 +0.5, 23 05 26.0 +1.5, 23 05 39.9 -0.4, 23 06 27.5 -1.3, 23 05 40.1 -2.0, 23 06 26.8 -5.1, 23 05 49.0 +1.0, 23 06 43.9 +1.4, 23 05 54.6 -0.4, 23 06 55.9 +0.8, 23 05 56.2 +0.6, 23 07 24.3, 23 06 25.9 +4.7, 23 06 19.8 -4.7, 23 07 11.8 +0.7, 23 09 12.3 +0.7, 23 07 09.9 -1.2, 23 07 15.9 +3.1, 23 07 19.1, 23 07 22.1, 23 09 20.3 +5.8, 23 09 26.5, 23 07 52.3 +0.8, 23 07 55.4 -1.7, 23 08 10.5, 23 10 37.4 +3.5, 23 08 14.6 +2.4, 23 08 29.7 +5.3, 23 08 28.8 -1.0, 23 08 32.5 -4.3, 23 08 37.0 +0.4, 23 08 37.1 +0.5, 23 08 40.3 +2.3, 23 08 44.0 -2.1, 23 08 54.3, 23 11 52.6 +2.6, 23 12 13.6, 23 08 49.1 -0.9, 23 08 52.8 -1.9, 23 08 55.8 -1.0, 23 09 04.8, 23 12 11.6 -1.8, 23 12 17.3 -8.4, 23 12 35.1, 23 09 10.7 +0.7, 23 09 11.4 +1.0, 23 09 11.0 -2.1, 23 12 62.5, 23 09 16.3 +0.7, 23 13 00.3 -5.0, 23 09 08.3 -3.6, 23 05 35.5 -2.4, 23 05 16.8 -0.5, 23 05 25.1 -0.2, 23 05 58.1 +0.5, 23 05 23.0 -0.1, 23 06 05.9 +3.1, 23 05 28.8 -0.7, 23 06 10.6 +1.3, 23 05 32.7 -0.2, 23 06 16.4 +0.9, 23 05 33.7 +0.1, 23 06 17.4 +0.4, 23 05 34.8 +0.4, 23 06 19.2 +1.1, 23 05 37.1 +0.5, 23 05 38.4 +0.5, 23 05 26.0 +1.5, 23 05 39.9 -0.4, 23 06 27.5 -1.3, 23 05 40.1 -2.0, 23 06 26.8 -5.1, 23 05 49.0 +1.0, 23 06 43.9 +1.4, 23 05 54.6 -0.4, 23 06 55.9 +0.8, 23 05 56.2 +0.6, 23 07 24.3, 23 06 25.9 +4.7, 23 06 19.8 -4.7, 23 07 11.8 +0.7, 23 09 12.3 +0.7, 23 07 09.9 -1.2, 23 07 15.9 +3.1, 23 07 19.1, 23 07 22.1, 23 09 20.3 +5.8, 23 09 26.5, 23 07 52.3 +0.8, 23 07 55.4 -1.7, 23 08 10.5, 23 10 37.4 +3.5, 23 08 14.6 +2.4, 23 08 29.7 +5.3, 23 08 28.8 -1.0, 23 08 32.5 -4.3, 23 08 37.0 +0.4, 23 08 37.1 +0.5, 23 08 40.3 +2.3, 23 08 44.0 -2.1, 23 08 54.3, 23 11 52.6 +2.6, 23 12 13.6, 23 08 49.1 -0.9, 23 08 52.8 -1.9, 23 08 55.8 -1.0, 23 09 04.8, 23 12 11.6 -1.8, 23 12 17.3 -8.4, 23 12 35.1, 23 09 10.7 +0.7, 23 09 11.4 +1.0, 23 09 11.0 -2.1, 23 12 62.5, 23 09 16.3 +0.7, 23 13 00.3 -5.0, 23 09 08.3 -3.6, 23 05 35.5 -2.4, 23 05 16.8 -0.5, 23 05 25.1 -0.2, 23 05 58.1 +0.5, 23 05 23.0 -0.1, 23 06 05.9 +3.1, 23 05 28.8 -0.7, 23 06 10.6 +1.3, 23 05 32.7 -0.2, 23 06 16.4 +0.9, 23 05 33.7 +0.1, 23 06 17.4 +0.4, 23 05 34.8 +0.4, 23 06 19.2 +1.1, 23 05 37.1 +0.5, 23 05 38.4 +0.5, 23 05 26.0 +1.5, 23 05 39.9 -0.4, 23 06 27.5 -1.3, 23 05 40.1 -2.0, 23 06 26.8 -5.1, 23 05 49.0 +1.0, 23 06 43.9 +1.4, 23 05 54.6 -0.4, 23 06 55.9 +0.8, 23 05 56.2 +0.6, 23 07 24.3, 23 06 25.9 +4.7, 23 06 19.8 -4.7, 23 07 11.8 +0.7, 23 09 12.3 +0.7, 23 07 09.9 -1.2, 23 07 15.9 +3.1, 23 07 19.1, 23 07 22.1, 23 09 20.3 +5.8, 23 09 26.5, 23 07 52.3 +0.8, 23 07 55.4 -1.7, 23 08 10.5, 23 10 37.4 +3.5, 23 08 14.6 +2.4, 23 08 29.7 +5.3, 23 08 28.8 -1.0, 23 08 32.5 -4.3, 23 08 37.0 +0.4, 23 08 37.1 +0.5, 23 08 40.3 +2.3, 23 08 44.0 -2.1, 23 08 54.3, 23 11 52.6 +2.6, 23 12 13.6, 23 08 49.1 -0.9, 23 08 52.8 -1.9, 23 08 55.8 -1.0, 23 09 04.8, 23 12 11.6 -1.8, 23 12 17.3 -8.4, 23 12 35.1, 23 09 10.7 +0.7, 23 09 11.4 +1.0, 23 09 11.0 -2.1, 23 12 62.5, 23 09 16.3 +0.7, 23 13 00.3 -5.0, 23 09 08.3 -3.6, 23 05 35.5 -2.4, 23 05 16.8 -0.5, 23 05 25.1 -0.2, 23 05 58.1 +0.5, 23 05 23.0 -0.1, 23 06 05.9 +3.1, 23 05 28.8 -0.7, 23 06 10.6 +1.3, 23 05 32.7 -0.2, 23 06 16.4 +0.9, 23 05 33.7 +0.1, 23 06 17.4 +0.4, 23 05 34.8 +0.4, 23 06 19.2 +1.1, 23 05 37.1 +0.5, 23 05 38.4 +0.5, 23 05 26.0 +1.5, 23 05 39.9 -0.4, 23 06 27.5 -1.3, 23 05 40.1 -2.0, 23 06 26.8 -5.1, 23 05 49.0 +1.0, 23 06 43.9 +1.4, 23 05 54.6 -0.4, 23 06 55.9 +0.8, 23 05 56.2 +0.6, 23 07 24.3, 23 06 25.9 +4.7, 23 06 19.8 -4.7, 23 07 11.8 +0.7, 23 09 12.3 +0.7, 23 07 09.9 -1.2, 23 07 15.9 +3.1, 23 07 19.1, 23 07 22.1, 23 09 20.3 +5.8, 23 09 26.5, 23 07 52.3 +0.8, 23 07 55.4 -1.7, 23 08 10.5, 23 10 37.4 +3.5, 23 08 14.6 +2.4, 23 08 29.7 +5.3, 23 08 28.8 -1.0, 23 08 32.5 -4.3, 23 08 37.0 +0.4, 23 08 37.1 +0.5, 23 08 40.3 +2.3, 23 08 44.0 -2.1, 23 08 54.3, 23 11 52.6 +2.6, 23 12 13.6, 23 08 49.1 -0.9, 23 08 52.8 -1.9, 23 08 55.8 -1.0, 23 09 04.8, 23 12 11.6 -1.8, 23 12 17.3 -8.4, 23 12 35.1, 23 09 10.7 +0.7, 23 09 11.4 +1.0, 23 09 11.0 -2.1, 23 12 62.5, 23 09 16.3 +0.7, 23 13 00.3 -5.0, 23 09 08.3 -3.6, 23 05 35.5 -2.4, 23 05 16.8 -0.5, 23 05 25.1 -0.2, 23 05 58.1 +0.5, 23 05 23.0 -0.1, 23 06 05.9 +3.1, 23 05 28.8 -0.7, 23 06 10.6 +1.3, 23 05 32.7 -0.2, 23 06 16.4 +0.9, 23 05 33.7 +0.1, 23 06 17.4 +0.4, 23 05 34.8 +0.4, 23 06 19.2 +1.1, 23 05 37.1 +0.5, 23 05 38.4 +0.5, 23 05 26.0 +1.5, 23 05 39.9 -0.4, 23 06 27.5 -1.3, 23 05 40.1 -2.0, 23 06 26.8 -5.1, 23 05 49.0 +1.0, 23 06 43.9 +1.4, 23 05 54.6 -0.4, 23 06 55.9 +0.8, 23 05 56.2 +0.6, 23 07 24.3, 23 06 25.9 +4.7, 23 06 19.8 -4.7, 23 07 11.8 +0.7, 23 09 12.3 +0.7, 23 07 09.9 -1.2, 23 07 15.9 +3.1, 23 07 19.1, 23 07 22.1, 23 09 20.3 +5.8, 23 09 26.5, 23 07 52.3 +0.8, 23 07 55.4 -1.7, 23 08 10.5, 23 10 37.4 +3.5, 23 08 14.6 +2.4, 23 08 29.7 +5.3, 23 08 28.8 -1.0, 23 08 32.5 -4.3, 23 08 37.0 +0.4, 23 08 37.1 +0.5, 23 08 40.3 +2.3, 23 08 44.0 -2.1, 23 08 54.3, 23 11 52.6 +2.6, 23 12 13.6, 23 08 49.1 -0.9, 23 08 52.8 -1.9, 23 08 55.8 -1.0, 23 09 04.8, 23 12 11.6 -1.8, 23 12 17.3 -8.4, 23 12 35.1, 23 09 10.7 +0.7, 23 09 11.4 +1.0, 23 09 11.0 -2.1, 23 12 62.5, 23 09 16.3 +0.7, 23 13 00.3 -5.0, 23 09 08.3 -3.6, 23 05 35.5 -2.4, 23 05 16.8 -0.5, 23 05 25.1 -0.2, 23 05 58.1 +0.5, 23 05 23.0 -0.1, 23 06 05.9 +3.1, 23 05 28.8 -0.7, 23 06 10.6 +1.3, 23 05 32.7 -0.2, 23 06 16.4 +0.9, 23 05 33.7 +0.1, 23 06 17.4 +0.4, 23 05 34.8 +0.4, 23 06 19.2 +1.1, 23 05 37.1 +0.5, 23 05 38.4 +0.5, 23 05 26.0 +1.5, 23 05 39.9 -0.4, 23 06 27.5 -1.3, 23 05 40.1 -2.0, 23 06 26.8 -5.1, 23 05 49.0 +1.0, 23 06 43.9 +1.4, 23 05 54.6 -0.4, 23 06 55.9 +0.8, 23 05 56.2 +0.6, 23 07 24.3, 23 06 25.9 +4.7, 23 06 19.8 -4.7, 23 07 11.8 +0.7, 23 09 12.3 +0.7, 23 07 09.9 -1.2, 23 07 15.9 +3.1, 23 07 19.1, 23 07 22.1, 23 09 20.3 +5.8, 23 09 26.5, 23 07 52.3 +0.8, 23 07 55.4 -1.7, 23 08 10.5, 23 10 37.4 +3.5, 23 08 14.6 +2.4, 23 08 29.7 +5.3, 23 08 28.8 -1.0, 23 08 32.5 -4.3, 23 08 37.0 +0.4, 23 08 37.1 +0.5, 23 08 40.3 +2.3, 23 08 44.0 -2.1, 23 08 54.3, 23 11 52.6 +2.6, 23 12 13.6, 23 08 49.1 -0.9, 23 08 52.8 -1.9, 23 08 55.8 -1.0, 23 09 04.8, 23 12 11.6 -1.8, 23 12 17.3 -8.4, 23 12 35.1, 23 09 10.7 +0.7, 23 09 11.4 +1.0, 23 09 11.0 -2.1, 23 12 62.5, 23 09 16.3 +0.7, 23 13 00.3 -5.0, 23 09 08.3 -3.6, 23 05 35.5 -2.4, 23 05 16.8 -0.5, 23 05 25.1 -0.2, 23 05 58.1 +0.5, 23 05 23.0 -0.1, 23 06 05.9 +3.1, 23 05 28.8 -0.7, 23 06 10.6 +1.3, 23 05 32.7 -0.2, 23 06 16.4 +0.9, 23 05 33.7 +0.1, 23 06 17.4 +0.4, 23 05 34.8 +0.4, 23 06 19.2 +1.1, 23 05 37.1 +0.5, 23 05 38.4 +0.5, 23 05 26.0 +1.5, 23 05 39.9 -0.4, 23 06 27.5 -1.3, 23 05 40.1 -2.0, 23 06 26.8 -5.1, 23 05 49.0 +1.0, 23 06 43.9 +1.4, 23 05 54.6 -0.4, 23 06 55.9 +0.8, 23 05 56.2 +0.6, 23 07 24.3, 23 06 25.9 +4.7, 23 06 19.8 -4.7, 23 07 11.8 +0.7, 23 09 12.3 +0.7, 23 07 09.9 -1.2, 23 07 15.9 +3.1, 23 07 19.1, 23 07 22.1, 23 09 20.3 +5.8, 23 09 26.5, 23 07 52.3 +0.8, 23 07 55.4 -1.7, 23 08 10.5, 23 10 37.4 +3.5, 23 08 14.6 +2.4, 23 08 29.7 +5.3, 23 08 28.8 -1.0, 23 08 32.5 -4.3, 23 08 37.0 +0.4, 23 08 37.1 +0.5, 23 08 40.3 +2.3, 23 08 44.0 -2.1, 23 08 54.3, 23 11 52.6 +2.6, 23 12 13.6, 23 08 49.1 -0.9, 23 08 52.8 -1.9, 23 08 55.8 -1.0, 23 09 04.8, 23 12 11.6 -1.8, 23 12 17.3 -8.4, 23 12 35.1, 23 09 10.7 +0.7, 23 09 11.4 +1.0, 23 09 11.0 -2.1, 23 12 62.5, 23 09 16.3 +0.7, 23 13 00.3 -5.0, 23 09 08.3 -3.6, 23 05 35.5 -2.4, 23 05 16.8 -0.5, 23 05 25.1 -0.2, 23 05 58.1 +0.5, 23 05 23.0 -0.1, 23 06 05.9 +3.1, 23 05 28.8 -0.7, 23 06 10.6 +1.3, 23 05 32.7 -0.2, 23 06 16.4 +0.9, 23 05 33.7 +0.1, 23 06 17.4 +0.4, 23 05 34.8 +0.4, 23 06 19.2 +1.1, 23 05 37.1 +0.5, 23 05 38.4 +0.5, 23 05 26.0 +1.5, 23 05 39.9 -0.4, 23 06 27.5 -1.3, 23 05 40.1 -2.0, 23 06 26.8 -5.1, 23 05 49.0 +1.0, 23 06 43.9 +1.4, 23 05 54.6 -0.4, 23 06 55.9 +0.8, 23 05 56.2 +0.6, 23 07 24.3, 23 06 25.9 +4.7, 23 06 19.8 -4.7, 23 07 11.8 +0.7, 23 09 12.3 +0.7, 23 07 09.9 -1.2, 23 07 15.9 +3.1, 23 07 19.1, 23 07 22.1, 23 09 20.3 +5.8, 23 09 26.5, 23 07 52.3 +0.8, 23 07 55.4 -1.7, 23 08 10.5, 23 10 37.4 +3.5, 23 08 14.6 +2.4, 23 08 29.7 +5.3, 23 08 28.8 -1.0, 23 08 32.5 -4.3, 23 08 37.0 +0.4, 23 08 37.1 +0.5, 23 08 40.3 +2.3, 23 08 44.0 -2.1, 23 08 54.3, 23 11 52.6 +2.6, 23 12 13.6, 23 08 49.1 -0.9, 23 08 52.8 -1.9, 23 08 55.8 -1.0, 23 09 04.8, 23 12 11.6 -1.8, 23 12 17.3 -8.4, 23 12 35.1, 23 09 10.7 +0.7, 23 09 11.4 +1.0, 23 09 11.0 -2.1, 23 12 62.5, 23 09 16.3 +0.7, 23 13 00.3 -5.0, 23 09 08.3 -3.6, 23 05 35.5 -2.4, 23 05 16.8 -0.5, 23 05 25.1 -0.2, 23 05 58.1 +0.5, 23 05 23.0 -0.1, 23 06 05.9 +3.1, 23 05 28.8 -0.7, 23 06 10.6 +1.3, 23 05 32.7 -0.2, 23 06 16.4 +0.9, 23 05 33.7 +0.1, 23 06 17.4 +0.4, 23 05 34.8 +0.4, 23 06 19.2 +1.1, 23 05 37.1 +0.5, 23 05 38.4 +0.5, 23 05 26.0 +1.5, 23 05 39.9 -0.4, 23 06 27.5 -1.3, 23 05 40.1 -2.0, 23 06 26.8 -5.1, 23 05 49.0 +1.0, 23 06 43.9 +1.4, 23 05 54.6 -0.4, 23 06 55.9 +0.8, 23 05 56.2 +0.6, 23 07 24.3, 23 06 25.9 +4.7, 23 06 19.8 -4.7, 23 07 11.8 +0.7, 23 09 12.3 +0.7, 23 07 09.9 -1.2, 23 07 15.9 +3.1, 23 07 19.1, 23 07 22.1, 23 09 20.3 +5.8, 23 09 26.5, 23 07 52.3 +0.8, 23 07 55.4 -1.7, 23 08 10.5, 23 10 37.4 +3.5, 23 08 14.6 +2.4, 23 08 29.7 +5.3, 23 08 28.8 -1.0, 23 08 32.5 -4.3, 23 08 37.0 +0.4, 23 08 37.1 +0.5, 23 08 40.3 +2.3,

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|------|--|---------------|-----|-----------------|--|
| YSS | comp=Z,46µm,18.0s | MLR | MLR | | |
| YSS | comp=N,48µm,19.0s | MLR | MLR | | |
| YSS | Yuzh-Sakhalins | 10.49 253 ePn | Pn | 01 45 50.5 +4.5 | |
| ASAJ | Asahikawa | 12.16 242 P | Pn | 01 46 10.0 +1.2 | |
| ASAJ | comp=N,8.7nm,0.3s,baz=70,slow=9.5,SNR=48 | LR | LR | 01 50 48.6 | |
| ASAJ | Asahikawa | 12.16 242 PN | Pn | 01 46 10.0 +1.2 | |
| ASAJ | comp=Z,9.0nm,0.3s | MLR | MLR | | |
| ASAJ | comp=Z,36µm,18.8s | MLR | MLR | | |
| ASAJ | Asahikawa | 12.16 242 P | Pn | 01 46 10.8 +2.0 | |
| SEY | Seymchan | 12.35 349 ePN | Pn | 01 46 15.5 +4.2 | |
| ERM | Erimo | 13.30 233 ePn | Pn | 01 46 23.1 -1.2 | |
| ERM | | eS | S | 01 48 51.2 +0.6 | |
| AMKA | Amchitka | 13.68 80 eP | Pn | 01 46 27.3 -2.2 | |
| HABR | Khabarovsk | 14.73 269 iP | Pn | 01 46 47.7 +4.0 | |
| HABR | | eS | S | 01 49 32.1 +6.7 | |
| HABR | comp=E,183nm,1.3s | | | | |
| HABR | comp=Z,156nm,1.3s | | | | |
| HABR | comp=N,55nm,1.3s | | | | |
| HABR | comp=N,27µm,18.0s | | | | |
| HABR | comp=E,46µm,17.0s | | | | |
| HABR | comp=Z,53µm,16.0s | | | | |
| ADK | Adak | 16.11 77 eP | Pn | 01 46 57.3 -4.1 | |
| ADK | | eS | S | 01 49 55.6 -1.5 | |
| ADK | comp=Z,474nm,1.3s | | | | |
| ADK | Adak | 16.11 77 ePn | Pn | 01 46 57.3 -4.1 | |
| ADK | comp=Z,474nm,1.3s | | | | |
| KLR | Kul'dur | 16.60 274 iP | Pn | 01 49 08.0 +0.3 | |
| KLR | comp=Z,350nm,2.2s | | | | |
| KLR | comp=Z,350nm,2.2s | | | | |
| KLR | comp=E,12µm,11.0s | | | | |
| KLR | comp=Z,18µm,11.0s | | | | |
| ATKA | Atka Island | 17.59 75 ePn | Pn | 01 47 17.6 -2.4 | |
| BILL | Bilibino | 17.70 11c iP | S | 01 47 21.1 0.0 | |
| BILL | | iS | S | 01 50 35.9 -6.6 | |
| BILL | comp=Z,216nm,1.2s | | | | |
| BILL | comp=Z,29µm,16.0s | | | | |
| BILL | Bilibino | 17.70 11 ePn | Pn | 01 47 20.8 -0.3 | |
| YAK | Yakutsk | 18.80 317c iP | Pn | 01 47 34.2 -0.3 | |
| YAK | comp=Z,304nm,1.0s | | | | |
| YAK | comp=N,132nm,1.3s | | | | |
| YAK | comp=E,409nm,1.2s | | | | |
| YAK | comp=Z,3µm,1.7s | | | | |
| YAK | comp=E,4µm,2.1s | | | | |
| YAK | comp=N,2µm,2.2s | | | | |
| YAK | comp=Z,80µm,15.0s | | | | |
| YAK | comp=E,58µm,15.0s | | | | |
| YAK | comp=N,32µm,13.0s | | | | |
| VLA | Vladivostok | 19.06 256c iP | Pn | 01 47 37.2 -0.7 | |
| VLA | comp=Z,88nm,1.3s | | | | |
| MDJ | Mudanjiang | 19.73 262 P | Pn | 01 47 43.1 -2.6 | |
| MDJ | | pP | P | 01 47 51.1 -3.6 | |
| MDJ | | sP | S | 01 47 55.1 -5.3 | |
| MDJ | | S | S | 01 51 24.4 +0.7 | |
| MDJ | | PcP | P | 01 51 57.9 -3.0 | |
| MDJ | | ScP | S | 01 55 31.1 -1.9 | |
| MDJ | | PcS | S | 01 55 36.6 -1.5 | |
| MDJ | | ScS | S | 01 59 15.8 +0.7 | |
| MDJ | comp=Z,51nm,1.2s | | | | |
| MDJ | comp=N,49µm,19.2s | | | | |
| MDJ | comp=E,38µm,20.6s | | | | |
| MDJ | comp=Z,29µm,23.5s | | | | |
| MDJ | Mudanjiang | 19.73 262 eP | Pn | 01 47 43.2 -2.5 | |
| SPIA | Saint Paul Isl | 19.80 59 ePn | Pn | 01 47 45.7 -0.8 | |
| MAJO | Matsushiro | 19.95 231 eP | Pn | 01 47 46.6 -1.8 | |
| MAJO | comp=Z,419nm,1.2s | | | | |
| MAJO | Matsushiro | 19.95 231 eP | Pn | 01 47 46.6 -1.8 | |
| MAT | Matsushiro | 19.95 231 P | Pn | 01 47 46.7 -1.7 | |
| MAT | | S | S | 01 51 28.2 0.0 | |
| MJAR | Matsushiro Arr | 19.95 231 P | Pn | 01 47 46.8 -1.6 | |
| MJAR | comp=Z,5.0nm,0.3s | | | | |
| MJAR | Chul'man | 19.98 300 eP | Pn | 01 47 49.0 +0.4 | |
| CLNS | CLNS | eS | S | 01 51 33.2 +4.6 | |
| CLNS | CLNS | eS | S | 01 51 55.9 | |
| CLNS | CLNS | e | S | 01 52 05.0 | |
| CLNS | CLNS | e | S | 01 59 18.1 | |
| CLNS | comp=Z,160nm,0.9s | | | | |
| CLNS | comp=E,111nm,0.9s | | | | |
| CLNS | comp=N,95nm,1.0s | | | | |
| CLNS | comp=Z,410nm,1.0s | | | | |
| CLNS | comp=E,151nm,1.0s | | | | |
| CLNS | comp=N,409nm,1.0s | | | | |
| CLNS | comp=E,3µm,11.8s | | | | |
| CLNS | comp=N,4µm,12.2s | | | | |
| CLNS | comp=E,36µm,21.0s | | | | |
| CLNS | comp=N,19µm,21.0s | | | | |
| CLNS | comp=Z,44µm,22.0s | | | | |
| NIKO | Nikolski | 20.73 71 ePn | P | 01 47 55.6 +0.9 | |
| GAMB | Gambell | 20.74 40 eP | P | 01 47 54.6 -0.2 | |
| UNV | Unalaska Valle | 22.01 68 eP | P | 01 48 05.6 -2.9 | |
| UNV | comp=Z,1µm,1.4s,mb1.4 | | | | |
| JHJ2 | Mitsune | 22.03 223 P | P | 01 48 18.8 | |
| JHJ | Hachiojima 2 | 22.04 223 P | P | 01 48 10.8 +1.9 | |
| JHJ | comp=Z,246nm,0.9s,mb5.6,baz=73,slow=23,SNR=5.9 | | | | |
| AJUT | Akut | 22.40 67 P | P | 01 48 05.4 -7.2 | |
| AJUT | comp=Z,5µm,18.3s,MS5.0,baz=33,slow=41 | | | | |
| CN2 | CN2 | 22.73 264 iP | P | 01 48 13.5 -2.7 | |
| CN2 | CN2 | eP | S | 01 48 42.6 -5.0 | |
| CN2 | CN2 | eS | S | 01 52 15.3 -6.3 | |
| CN2 | CN2 | eS | S | 01 52 59.6 | |
| CN2 | comp=Z,30nm,1.4s,mb4.5 | | | | |

| | | | | | |
|------|---|-----------------|-----|-----------------|--|
| CN2 | comp=N,50µm,19.0s,MS6.1 | LR | LR | | |
| CN2 | comp=E,36µm,19.0s,MS6.1 | LR | LR | | |
| CN2 | comp=Z,33µm,20.0s,MS5.8 | LR | LR | | |
| HIA | Tin City | 22.94 37 eP | P | 01 48 18.0 -0.2 | |
| HIA | comp=Z,959nm,1.2s,mb6.1 | | | | |
| HIA | Hailar | 24.12 281 eP | P | 01 48 29.2 -0.4 | |
| HIA | comp=Z,124nm,0.8s | | | | |
| HIA | comp=Z,29µm,20.0s | | | | |
| HIA | Hailar | 24.12 281 eP | P | 01 48 29.2 -0.4 | |
| HIA | comp=Z,124nm,0.8s,mb5.4 | | | | |
| TIXI | Tiksi | 24.45 338c iP | P | 01 48 31.1 -1.3 | |
| TIXI | comp=Z,29µm,20.0s,MS5.8 | | | | |
| TIXI | Tiksi | 24.45 338c iPP | P | 01 48 31.1 -1.3 | |
| TIXI | | eS | S | 01 52 50.5 +1.5 | |
| TIXI | comp=Z,182nm,1.5s,mb5.3 | | | | |
| TIXI | comp=Z,72µm,16.0s,MS6.3 | | | | |
| TIXI | comp=E,25µm,18.0s,MS6.0 | | | | |
| TIXI | comp=N,38µm,17.0s,MS6.0 | | | | |
| TIXI | Tiksi | 24.45 338 eP | P | 01 48 32.0 -0.4 | |
| TIXI | comp=N,98nm,1.6s,mb6.0 | | | | |
| TIXI | | ScP | ScP | 01 56 03.3 +1.9 | |
| TIXI | | LR | LR | | |
| SNY | Shenyang | 24.93 262 iP | P | 01 48 35.8 -1.3 | |
| SNY | comp=Z,54µm,20.0s,MS6.0 | | | | |
| SNY | comp=N,47µm,18.6s,MS6.0 | | | | |
| SNY | comp=E,24µm,21.1s,MS6.0 | | | | |
| SNY | comp=Z,26µm,21.9s,MS5.7 | | | | |
| KSRS | Korea Array | 24.93 249 LR | LR | 01 57 25.7 | |
| KSRS | comp=Z,19µm,21.8s,MS5.6,baz=48,slow=34 | | | | |
| SDPT | SDPT | 25.30 63 eP | P | 01 48 37.2 -3.1 | |
| SDPT | comp=Z,274nm,1.2s,mb5.7 | | | | |
| INCN | Inchon | 25.68 250 eP | P | 01 48 44.5 +0.6 | |
| INCN | comp=Z,1µm,2.9s,mb6.0 | | | | |
| INCN | comp=Z,16µm,19.0s,MS5.6 | | | | |
| CHGN | Chignik | 26.33 61 eP | P | 01 48 47.0 -2.6 | |
| JNU | Nakatsue | 26.93 236 P | P | 01 48 51.3 +0.9 | |
| CBJ | Chijiima | 26.50 212 P | P | 01 48 52.2 +0.8 | |
| CBJ | comp=Z,35nm,0.7s,mb5.0,baz=78,slow=20,SNR=2.9 | | | | |
| CBJ | Chita | 27.09 290 eP | P | 01 50 02.2 | |
| CIT | Chita | 27.09 290 eP | P | 01 50 02.2 | |
| CIT | comp=Z,9µm,21.2s,MS5.3,baz=192,slow=33 | | | | |
| TTA | Tatalina | 27.39 46 eP | P | 01 48 58.5 -0.6 | |
| SVWZ | Sparrevohn | 27.52 50 eP | P | 01 48 59.1 -1.2 | |
| SVWZ | comp=Z,504nm,2.3s,mb5.7 | | | | |
| DL2 | Dalian | 27.83 258 iP | P | 01 49 02.3 -0.9 | |
| DL2 | comp=Z,30nm,0.6s,mb5.1 | | | | |
| DL2 | comp=Z,1µm,11.5s | | | | |
| DL2 | comp=N,13µm,20.5s,MS5.6 | | | | |
| DL2 | comp=E,12µm,20.5s,MS5.6 | | | | |
| DL2 | comp=Z,13µm,22.9s,MS5.5 | | | | |
| RSO | Redoubt South | 28.93 51 eP | P | 01 49 11.8 -1.0 | |
| OHAK | Old Harbor | 29.00 58 eP | P | 01 49 11.2 -2.3 | |
| OHAK | comp=Z,499nm,1.8s,mb5.9 | | | | |
| PPLA | Purkeypile | 29.14 46 eP | P | 01 49 14.9 +0.3 | |
| PPLA | comp=Z,214nm,1.2s,mb5.8 | | | | |
| KDAK | Kodiak Island | 29.29 57 P | P | 01 49 14.2 -1.9 | |
| KDAK | comp=Z,277nm,0.7s,mb5.1,baz=280,slow=5.8,SNR=24 | | | | |
| KDAK | Kodiak Island | 29.29 57 eP | P | 01 49 13.7 -2.3 | |
| KDAK | comp=Z,117nm,1.0s,mb5.6 | | | | |
| KDAK | comp=Z,28µm,21.0s,MS5.9 | | | | |
| KDAK | Kodiak Island | 29.29 57 eP | P | 01 49 13.7 -2.3 | |
| KDAK | comp=Z,117nm,1.0s,mb5.6 | | | | |
| MIDW | Midway | 29.56 131 PFAKE | P | 01 49 30.0 +1.1 | |
| MIDW | comp=Z,24µm,20.0s,MS5.8 | | | | |
| BPAW | Bear Paw Mtn | 29.70 44 eP | P | 01 49 19.0 -0.6 | |
| BPAW | comp=Z,13nm,0.8s,mb4.7 | | | | |
| TRF | Thorofare Moun | 30.00 45 eP | P | 01 49 21.7 -0.6 | |
| TRF | comp=Z,144nm,1.4s,mb5.5 | | | | |
| COLD | Coldfoot | 30.24 38 eP | P | 01 49 23.8 -0.6 | |
| COLD | comp=Z,48nm,0.8s,mb5.3 | | | | |
| RC01 | Rabbit Creek A | 30.36 50 eP | P | 01 49 24.3 -1.2 | |
| RC01 | comp=Z,414nm,1.6s,mb5.9 | | | | |
| RC01 | Beijing | 30.58 265 ePcP | PcP | 01 52 23.4 -0.9 | |
| BJI | Beijing | 30.58 265 S | S | 01 49 27.0 -0.6 | |
| BJI | | LR | LR | 01 54 28.4 +2.2 | |
| BJI | comp=N,41µm,20.9s,MS6.2 | | | | |
| BJI | comp=E,36µm,19.6s,MS6.2 | | | | |
| BJI | comp=Z,26µm,26.8s | | | | |
| SEW | Seward | 30.60 52 eP | P | 01 49 25.6 -2.0 | |
| SEW | comp=Z,516nm,1.1s,mb6.1 | | | | |
| MCK | McKinley | 30.61 45 eP | P | 01 49 26.8 -0.8 | |
| MCK | comp=Z,281nm,1.2s,mb6.0 | | | | |
| MCK | McKinley | 30.61 45 eP | P | 01 49 26.8 -0.8 | |
| MCK | comp=Z,281nm,1.2s,mb6.0 | | | | |
| PMR | Palmer | 30.61 49 eP | P | 01 49 26.6 -1.1 | |
| PMR | comp=Z,85nm,1.4s,mb5.4 | | | | |
| PMR | Palmer | 30.61 49 eP | P | 01 49 26.6 -1.1 | |
| PMR | comp=Z,85nm,1.4s,mb5.4 | | | | |
| COLA | College | 31.07 42 eP | P | 01 49 31.0 -0.7 | |
| COLA | comp=Z,215nm,0.9s,mb6.0 | | | | |
| COLA | comp=Z,17µm,19.0s,MS5.7 | | | | |
| COLA | College | 31.07 42 eP | P | 01 49 31.0 -0.7 | |
| COLA | comp=Z,215nm,0.9s,mb6.0 | | | | |
| COLA | comp=Z,17µm,19.0s,MS5.7 | | | | |
| ILAR | Eielson Array | 31.48 43 P | P | 01 49 34 | |

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like W13A Hualapai Mount, O21A Pagoda, AGMN Agassiz, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like Y15A Casa Rosa Ranch, 113A Mohawk Valley, Z14A Wintersburg, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like VORD, COEN, COEN, IPM, etc.

Table with columns: LAZ, LADRON, 67.25, 63, eP, P, 01 54 08.6 +0.7, etc. Includes entries like W23A Werner Place, U25A Circle Dot Ran, V24A Rampart Ranch, etc.

Table with columns: Y26A Elida, JFWS Jewell Farm, JFWS Jewell Farm, etc. Includes entries like JFWS Jewell Farm, AKASG Malin Array Be, AKASG Malin Array Be, etc.

Table with columns: MSVF, PWJI Pagarwojo, 325A Bean Ranch, RGN Rugen, etc. Includes entries like MSVF, PWJI Pagarwojo, 325A Bean Ranch, RGN Rugen, etc.

24d 1h

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Table with columns for call sign, location, frequency, and other details. Includes entries for ISK, WBK, MVL, BGKT, MYKA, LIBD, etc.

Table with columns for call sign, location, frequency, and other details. Includes entries for KDZ, ARQ, GULE, BBGL, YURE, etc.

Table with columns for call sign, location, frequency, and other details. Includes entries for ISP, AVF, AVF, AVF, AVF, AVF, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CSS Prodhromos, CHOS Chios island, MBDF Montbardon, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LMR comp=Z,560nm,1.7s,mb6.3, KALE La Moure, EFP Efpalio, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ETOR Torette, EMOS Mallorca, ETTOS Mosqueruela, etc.

24d 2h

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

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

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

IDC 24 02:26:00.6:1.1, 14.785:72.20W, h0km, mb3.8/4, mb1 4.2/5, mb1mx4.0/15, mbtmp3.8/5, ML3.9/1. Error ellipse: s-maj=42.8km s-min=17.3km az=37.0, Central Peru

NIED 24 02:27:00.39:60N:141:50E, h110km, Mw5.1 Best double couple: Ms5.37000x1016 NP1:202.000000, 85.000000, -1.92.000000, -92.000000, NP2:49.000000, 85.000000, -1.63.000000

ISCJB 24 02:27:52.5:0.2, 39:71N:102:141:41E, h107km, mb4.7/11, Error ellipse: s-maj=4.2km s-min=2.6km az=31.2

IDC 24 02:27:52.9:1.6, 39:65N:141:49E, h108km, 13km, mb4.1/29, mb1 4.1/34, mb1mx4.1/39, mbtmp4.0/34, MS4.1/1, Ms1 4.1/1, ms1mx3.7/27, Error ellipse: s-maj=13.0km s-min=9.6km az=142.0

SZGRF 24 02:27:52.7, 39:85N:142:63E, h104km, mb4.9, Near east coast of eastern Honshu, Japan

MOS 24 02:27:56.6:1.0, 39:81N:141:31E, h105km, mb4.9/49, Error ellipse: s-maj=7.6km s-min=4.5km az=106.9

JMA 24 02:27:53.9:0.1, 39:52N:141:52E, h112km, 15km, M4.8 Broadband fault plane solution: P waves: NP1: 329.000000, 81.000000, -1.158.000000; NP2: 329.000000, 88.600000, -1.81.000000; Principal axes: T Plg41.000000, Azm291.000000, N Plg9.000000; Azm29.000000; P Plg48.000000, Azm129.000000

JMA Felt III J1, NEIC 24 02:27:54.0, 39:62N:141:52E, h112km, mb4.9/42, Mw5.1(NIED), After JMA,

NEIC Recorded [3 JMA] in Aomori and Iwate; [2 JMA] in Miyagi; [1 JMA] in Akita and Fukushima. Also recorded [2 JMA] in southwestern Hokkaido.

GCMT 24 02:27:56.0:0.4, 39:80N:141:45E, h130km, 6km, Mw5.2, Moment Tensor Solution: M13.213, 867.695; Moment tensor: Scale 10^19Nm; M1: -1.85; 44; Mw2: 0.75; 50; Mw3: -0.22; 56; Mw4: 1.90; 27; Mw5: 2.94; 47; Mw6: 3.2; 30; Best double couple: M1: 7.500000x1016 NP1:92.000000, 82.500000, -1.19.000000; NP2:200.000000, 82.000000, -1.14.000000; Principal axes: T 7.5400, Plg33.000000; Azm310.000000; N -0.1000, Plg23.000000; Azm203.000000; P -7.4400, Plg48.000000, Azm85.000000; Data Used: II U IC CN G.

ISC 24 02:27:53.7:0.2, 39:66N:102:141:46E, h109km, h109km, 1.9km, pP-P, n313, s150/342, mb4.7/11, 33C-21D, Eastern Honshu

Table with columns: YSS, Yuzh-Sakhalins, Khabarovsk, etc. Values include magnitudes (7.35, 7), phases (ePn, eS), and arrival times (02 29 38.4 +0.1).

Table with columns: MDJ, MDJ, MDJ, etc. Values include magnitudes (10.11, 303) and phases (ePn, Pn).

Table with columns: SKR, DL2, PETK, etc. Values include magnitudes (15.08, 38) and phases (eP, eP).

Table with columns: HIA, HIA, BJL, etc. Values include magnitudes (18.18, 309) and phases (eP, eP).

Table with columns: HHC, HHC, HHC, etc. Values include magnitudes (22.80, 283) and phases (eP, eP).

Table with columns: YAK, YAK, YAK, etc. Values include magnitudes (23.53, 346) and phases (eP, eP).

Table with columns: WHN, WHN, WHN, etc. Values include magnitudes (23.53, 346) and phases (eP, eP).

Table with columns: IRK, IRK, TLY, etc. Values include magnitudes (28.43, 309) and phases (eP, pmax).

Table with columns: CD2, CD2, CD2, etc. Values include magnitudes (31.80, 266) and phases (PP, PP).

Table with columns: KMI, KMI, KMI, etc. Values include magnitudes (35.47, 258) and phases (PP, PP).

Table with columns: ZALV, ZALV, ZALV, etc. Values include magnitudes (40.21, 310) and phases (eP, eP).

Table with columns: CHTO, CHTO, LSA, etc. Values include magnitudes (42.03, 253) and phases (eP, eP).

Table with columns: KURK, KURK, KURK, etc. Values include magnitudes (44.38, 306) and phases (eP, eP).

Table with columns: PMR, PMR, COLA, etc. Values include magnitudes (46.52, 38) and phases (eP, eP).

24d 4h

TXAR comp=2.4,0nm,0.5s pmax pmax
PLCA Paso Flores 148.47 95 PKPbc PKPbc 03 40 23.7 +1.2
CPUP comp=2.3,0nm,1.2s,baz=232,slow=8.4,SNR=9
Villa Florida 148.56 60 PKPbc PKPbc 03 40 23.4 +0.2

DJA 24 03:28:24.0,52N,126.548E,h30km,MLV3.5/3, Northern
Molucca Sea

Code Station Name Az AZZ Phase ID Time Res
TNTI Ternate 0.92 74 Op Pn 03 28 42.3 +1.4
TNTI TNTI 0.92 74 S Pn 03 28 53.3 +0.2
LBMI Labuha 1.54 138 P Pn 03 28 51.5 +2.1

ATH 24 03:31:30.1,35.88N,27.89E,h51km,1km,MD3.0/4
ISK 24 03:31:30.8,35.96N,27.79E,h23km,MD3.3

ISCJB 24 03:31:30.8,0.7,35.88N,0.04,27.88E,0.04,h5km,1.0km,
Error ellipse: s-maj=7.7km s-min=5.0km az=146.5

DDA 24 03:31:31.5,36.12N,28.08E,h7km,3km,MD3.1
CSEM 24 03:31:31.2,0.4,35.90N,27.89E,h33km,5km,MD3.0

ISC 24 03:31:41.0,0.7,35.88N,0.04,27.89E,0.04,h46km,13km,
n40,0.691/63,Decadence Islands

Code Station Name Az AZZ Phase ID Time Res
ARG Arkhangelos 0.39 30 Op Pn 03 31 40.9 +0.3
ARG Arkhangelos 0.39 30 eP Pn 03 31 40.7 +0.6
ARG Arkhangelos 0.39 30 eS Pn 03 31 48.7 +0.6

DJA 24 03:34:18.2,81N,129.06E,h10km,MLV4.3/3
ISCJB 24 03:34:18.1,0.2,50N,0.07,128.5E,0.1,h28km,10km,
mb3.9/15, Error ellipse: s-maj=20.9km s-min=8.3km

DDA 24 03:34:19.4,2.6,2.50N,128.59E,h21km,26km,mb3.6/12,
mb1 3.7/12,mb1mx3.6/21,mbtmp3.6/12, Error ellipse:
s-maj=23.8km s-min=10.5km az=79.0

NEIC 24 03:34:19.2,2.2,2.52N,128.58E,h215km,35km,mb4.3/4,
Error ellipse: s-maj=19.6km s-min=11.1km az=70.0

ISC 24 03:34:20.6,1.0,2.47N,128.5E,0.1,h22km,10km,
n25,0.974/27,mb3.9/15,Halmahera

Code Station Name Az AZZ Phase ID Time Res
TNTI Ternate 2.03 214 Op Pn 03 35 01.9 +0.3
TNTI TNTI 2.03 214 S Pn 03 35 34.1 +0.3
SGSI Sangihe 3.20 292 P Pn 03 35 14.2 +0.2

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IDC 24 03:59:12.9,1.8,57.45N,34.10W,h0km,mb3.4/6,
mb1 3.7/7,mb1mx3.5/27,mbtmp3.5/7,ML2.6/1,MS3.1/1,
Ms1 3.1,1,ms1mx3.0/29, Error ellipse: s-maj=69.6km
s-min=21.0km az=172.0,Reykjanes Ridge

Code Station Name Az AZZ Phase ID Time Res
BORG Borgarnes 9.56 35 LR Op ISC h m s ISC
04 04 13.5
SCHO Schefferville 18.33 276 P Pn 04 03 27.7 -0.5

IDC 24 04:00:06.8,3.8,57.07N,33.97W,h0km,mb3.6/7,
mb1 3.7/7,mb1mx3.5/27,mbtmp3.6/7, Error ellipse:
s-maj=98.9km s-min=30.4km az=9.0,Reykjanes Ridge

Code Station Name Az AZZ Phase ID Time Res
NOA NORSAR Array B 23.20 61 Op ISC h m s ISC
04 05 15.4 +0.5
HFS Hagfors 24.59 63 P Pn 04 05 28.3 +0.3

NEIC 24 04:02:17.5,31.32S,68.82W,h140km,MG3.5(GUC),
After GUC.
GUC 24 04:02:17.5,0.6,31.32S,68.82W,h140km,ML3.5, San
Juan Province

Code Station Name Az AZZ Phase ID Time Res
CMCH Combarbala 1.88 274 Op Pn 04 02 50.9 +0.3
CMCH Combarbala 1.88 274 iS Pn 04 03 16.6 +0.8

ATH 24 04:02:57.8,37.71N,20.72E,h27km,3km,MD3.3/6
CSEM 24 04:02:57.8,37.71N,20.72E,h27km,MD3.3,After ATH
NEIC 24 04:02:57.8,37.71N,20.72E,h27km,MD3.3(ATH), After
ATH.

ISCJB 24 04:02:58.8,1.2,37.80N,0.09,20.7E,0.1,h48km,14km,
Error ellipse: s-maj=18.5km s-min=10.9km az=42.1

ISC 24 04:02:59.3,0.1,37.83N,0.09,20.7E,0.1,h48km,15km,
n21,0.117/28,Ionian Sea

Code Station Name Az AZZ Phase ID Time Res
VLS Valsamta 0.35 350 ePb Pn 04 03 07.8 -1.0
VLS Valsamta 0.35 350 eSb Pn 04 03 16.3 +0.9

ISCJB 24 04:13:43.0,4.0,2.46,03N,0.01,6.84E,0.03,h11km,2km,
Error ellipse: s-maj=3.2km s-min=2.1km az=8.6

ZUR 24 04:13:44.9,46.04N,6.91E,h5km,1km,ML2.2/8,
NEIC 24 04:13:44.7,46.03N,6.92E,h2km,ML2.8(STR),
ML2.4(ZUR),ML2.8(LDG), After LDG.

LDG 24 04:13:44.7,0.0,46.03N,6.92E,h2km,ML2.8/5, Error
ellipse: s-maj=1.0km s-min=0.6km az=63.0

CSEM 24 04:13:44.0,0.1,46.03N,6.92E,h10km,ML3.0/15, Error
ellipse: s-maj=1.7km s-min=1.3km az=89.0

ROM 24 04:13:44.0,0.1,46.02N,6.95E,h7km,1km,MD1.9/6, Error
ellipse: s-maj=2.4km s-min=2.0km az=141.0

STR 24 04:13:45.3,0.3,46.05N,6.94E,h5km,ML2.8, Error ellipse:
s-maj=0.0km s-min=0.0km az=0.0

ISC 24 04:13:42.0,2.0,46.04N,0.01,6.87E,0.03,h12km,2km,
n128,0.0973/191,12C-14D,Switzerland

Code Station Name Az AZZ Phase ID Time Res
EMV View Emosson 0.03 34 Op Pn 04 13 46.3 0.0

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SALAN Lac Salanfe 0.13 33 Op Pn 04 13 47.5 +0.1
SALAN Lac Salanfe 0.13 33 eSg Pn 04 13 49.4 -0.2
SALAN Lac Salanfe 0.13 33 Op Pn 04 13 47.5 +0.1

Table with columns for station name, frequency, mode, and signal strength. Includes stations like JOF, ARCES, KAF, KASG, WRAB, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like GRF, PMR, OHAK, KADK, SEW, WTTA, FETA, EGAK, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like SWI, LBMI, BAKI, KAKA, KAKA, KAKA, etc.

BUJ 24 05:59:40.3, 6.05Sx131'32E, h66km, mB4.9/15, mB4.9/22, Ms4.6/15, Ms7.4/3/15
NEIC 24 05:59:43.3, 0.3, 5.58S: 130'86E, h35km, mB4.8/14, Error ellipse: s-maj=10.9km s-min=5.0km az=62.0
ISCSB 24 05:59:47.6, 0.6, 5.66S: 03'31'10E, 0.04, h100km, gkm, mB4.7/31, Error ellipse: s-maj=7.2km s-min=5.0km az=146.2
DJA 24 05:59:50.5, 6.95S: 131'10E, h105km, mB4.8/28
IDC 24 05:59:51.4, 0.7, 5.62S: 131'13E, h120km, 5km, mB4.1/12, mB1.4/2/13, mB1mx4.1/18, mBtmp4.1/13, Error ellipse: s-maj=23.6km s-min=10.3km az=63.0
ISC 24 05:59:48.9, 0.5, 5.66S: 03'31'03E, 0.04, h93km, 5km, h121km, 1.2km, pP-P, n92, t1920/109, mB4.7/31, Banda 5m

24d 7h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KONO, MIDW, PKSM, etc.

2008 JUL

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like PPLA, KOGS, MUD, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like MYKA, RJOB, RJOB, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KURK Kurchatov, KURS Korea Array, ZAAO Zalesovo Array, etc.

NEIC 24 10:11:05.21.5, 15.23S; 173.35W, h10km, Error ellipse: s-maj=88.9km s-min=16.1km az=149.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AFI Afiamalu, ARMA Armadale, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, NVAR Mina Array, TXAR Lajitas Array, etc.

ISC/JB 24 10:57:01.30.0, 5.78N; 0.03; 126.11E; 0.06, h119km, 5km, mb4.215, Error ellipse: s-maj=10.4km s-min=4.5km az=173.4

MAN 24 10:57:01.574N; 125.90E, h111km, mb5.0, ML3.9, MS4.0 NEIC 24 10:57:02.51.0, 5.76N; 125.62E, h122km, 10km, mb3.9/2, Error ellipse: s-maj=30.6km s-min=8.8km az=78.0

ISC 24 10:57:03.10.8, 5.76N; 125.62E, h126km, 8km, mb3.7/10, mb1.3, 8/10, mb1mx3.6/22, mbtmp3.7/10, Error ellipse: s-maj=37.5km s-min=11.9km az=81.0

DJA 24 10:57:03.570N; 126.22E, h62km, mb4.6/25 ISC 24 10:57:02.40.4, 5.78N; 0.03; 126.10E; 0.06, h115km, 4km, n50, c121/63, mb4.2/15, 2C-2D, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MATI Mati, GSPH General Santos, DAV Davao City, etc.

NOU 24 11:07:00.21.2, 1.9; 83S; 170.41E, h10km, MD3.2, ML3.0, MS3.3

NEIC 24 11:07:02.81.8, 21.34S; 170.48E, h144km, 17km, mb5.0/6, Error ellipse: s-maj=11.4km s-min=7.4km az=173.0

ISC 24 11:07:04.3.2, 2.21; 35S; 170.45E, h156km, 18km, mb4.2/12, mb1.4/3, mb1mx4.2/19, mbtmp4.2/14, Error ellipse: s-maj=17.6km s-min=15.0km az=159.0

ISC 24 11:07:05.21.0, 2.14S; 0.1; 170.50E; 0.08, h169km, 8km, n65, c091/42, mb4.6/18, 3C-2D, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BAYA Yate Dam, LALS Noumea, DZM Mont Dzumac, etc.

ISC 24 11:33:43.21.5, 4.79N; 94.61E, h0km, mb3.8/6, mb1.3, 8/7, mb1mx3.7/21, mbtmp3.8/7, ML3.7/1, MS3.3/1, Ms1.3/3, ms1mx2.4/31, Error ellipse: s-maj=55.5km s-min=20.6km az=50.0

NEIC 24 11:33:47.51.4, 4.56N; 94.46E, h35km, mb4.2/1, Error ellipse: s-maj=26.0km s-min=13.0km az=46.0

ISC/JB 24 11:33:50.4.3, 8.49N; 0.2; 94.9E; 0.3, h70km, 32km, mb3.9/7, Error ellipse: s-maj=49.8km s-min=17.3km az=144.4

ISC 24 11:33:52.2.3, 6.48N; 0.2; 94.9E; 0.3, h70km, 30km, n11, c072/13, mb3.8/7, Off west coast of northern Sumatra

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

24d 12h

Table with columns for station name, frequency, power, and signal strength. Includes stations like Shenyang, Matsuhiro, Chengdu, Kunming, Changchun, etc.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like Ulanbaatar, Songino Array, Kuching, etc.

1098

Table with columns for station name, frequency, power, and signal strength. Includes stations like Coen, Almayashu, Tennant Creek, etc.

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

NEIC 24 14:21:35.1,39:30S:177.19E,h38km,ML4.5(WEL), After WEL

NEIC FEL [V] at Napier, Napier South, Onekawa and Taradale. WEL 24 14:21:35.3-0.1,39:26S,177.16E,h29km,ML4.5/3, 34C-7D, 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 NMHZ Naumai, NMHZ Naumai, RAHZ Arahi, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like URZ Urewera, RRRZ Republican Road, RITZ Rihia Road, etc.

IS/CJB 24 14:26:54.0,0.9,50.32N,0.05,18.80E,0.05,h0km, Error ellipse: s-maj=8.0km s-min=3.7km az=17.8

WAR 24 14:26:54.1,0.5,20.8N,18.83E CSEM 24 14:26:56.4,0.6,50.40N,18.66E,h1km,ML2.5/4, Error ellipse: s-maj=14.3km s-min=6.5km az=6.0

PRU 24 14:26:52.2,0.30N,18.67E,h0km, Error ellipse: s-maj=7.0,9,50.30N,0.05,18.80E,0.05,h0km,n16, c1913/31, Poland

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

Error ellipse: s-maj=15.2km s-min=11.1km az=124.0, IDC 24 14:27:32.4,2.2,53.58N,160.31E,h71km,18km,mb3.7/12, mb1.3,6/7,ms1mx3.7/24,mbtmp3.8/13,MS3.6/7, Ms1.3,6/7,ms1mx3.3/24, Error ellipse: s-maj=22.9km s-min=16.5km az=136.0

ISC 24 14:27:30.0,0.5,53.32N,160.31E,0.08,h5km,4km,n76,c1915/92,mb4.1/18,MS3.5/7,1C-1D,Near east coast of Kamchatka Peninsula

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like INK Inuvik, PETK Petropavlovsk, YK Yellowknife, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AKAS, KORT, KORKU, MLSE, etc.

MEX 24 16:52:23.3-0.4, 15:24N-93:25W, h79km, 6km, MD4.0

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

ISCJB 24 17:07:57.4-1.1, 25:11N-101:122:34E, 0:04, h163km, 9km, Error ellipse: s-maj=17.4km s-min=5.3km az=177.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TWB1, TWY, TWC, TWE, etc.

SFS 24 14:19:52.0, 35:64N-0:97W, h22km, ML4.9

ISCJB 24 17:19:50.8-0.2, 35:90N-0:02:1, 17W-0:02, h10km, mb4.0/25, MS3.5/7, Error ellipse: s-maj=2.3km s-min=1.8km az=168.3

LDG 24 17:19:53.9-0.4, 35:97N-1:37W, h10km, ML3.9/9, Error ellipse: s-maj=5.7km s-min=3.1km az=152.0

CSEM 24 17:19:53.5-0.1, 35:81N-1:13W, h20km, mb4.3/16, ML4.4/10, Error ellipse: s-maj=3.4km s-min=2.4km az=161.0

MOS 24 17:19:54.4-1.3, 35:97N-1:06W, h33km, mb4.3/11, Error ellipse: s-maj=7.2km s-min=3.5km az=83.1

CRAAG 24 17:19:57.7, 35:76N-0:44W, ML4.2

CNRM 24 17:19:59.8, 35:65N-1:47E, h30km, MD4.6

ISC 24 17:19:53.1-0.2, 35:89N-0:02:1, 21W-0:02, h10km, n641, i128/950, mb4.0/25, MS3.7, 30C-70D, Northern Algeria

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like USTO, ODZI, ENIJ, EALB, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EALB, ZAI, ZAI, ZAI, ZAI, etc.

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

24h 17h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like IZUN, MVO, EORO, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like EALK, OSSF, PVRL, etc.

1106

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like SMRF, SMRF, SMRF, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include HUIG Huatulco, TGIG Tgig, VHO Vista Hermosa, PCIG Pinotepa, etc.

CSEM 24 20:29:24.8:0.1, 36.99N:29.14E, h2km, MD3.2, Error ellipse: s-maj=1.4km s-min=1.0km az=19.0 DDA 24 20:29:24.7, 36.99N:29.13E, h7km, MD3.0 ISK 24 20:29:24.7, 37.00N:29.15E, h5km, MD3.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GLHS Gilhisar (BURDU), GOLH Golhisar, DNZL Cakirokul, etc.

ISCJB 24 20:33:11.7:0.7, 37.03N:0.03:29.18E:0.04, h2km, gkm, Error ellipse: s-maj=6.2km s-min=5.3km az=37.7 CSEM 24 20:33:11.5:0.1, 36.99N:29.24E, h10km, MD2.9, Error ellipse: s-maj=2.0km s-min=1.7km az=10.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GLHS Gilhisar (BURDU), GOLH Golhisar, DNZL Cakirokul, etc.

MEX 24 20:43:49.9:0.8, 15.23N:93.34W, h76km, gkm, MD4.0, Near coast of Chiapas. Code Station Name Az Phase ID Time Res

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PCIG Huatulco, VHO Vista Hermosa, PNIG Pinotepa, etc.

BJI 24 20:44:52.9, 22.34S:178.45W, h603km, mB4.9/6, mB4.6/10. ISCJB 24 20:44:59.4:0.7, 21.33S:0.06:179.35W:0.07, h604km, 10km, mb4.5/35, Error ellipse: s-maj=10.7km s-min=9.0km az=34.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MVSF Nonsavu, RAO Raoul Island, AFI Afiamalu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include URZ Urewera, RAR Paratonga, RPZ Rata Peaks, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PETK Petrovlovsk, MAW Mawson, MDJ Mudanjiang, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include AKASG Malin Array, AKASG Malin Array, KIEV Kiev, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include BRG comp=E,150nm,12.9s, PVCC Panska Veis, PRU Pruhonice, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PKSM Moragy, BAIF Baives, VFS Vitohsa, etc.

ISCJB 24 20:48:00.5:0.7, 38.98N:0.03:140.83E:0.05, h15km, 5km, mb3.7/8, Error ellipse: s-maj=6.1km s-min=4.4km az=12.5 JMA 24 20:48:00.6, 38.98N:140.82E, h8km, 1km, M3.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include JMK Ichinoseki, JYK Kaneyama, JRG Rokugo, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CD2 Chengdu, CD2 Chengdu, CD2 Chengdu, etc.

24d 21h

Table with columns for station name, frequency, power, and other technical details. Includes stations like LZH Lanzhou, KMI Kunming, XAN Xi'an, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like KRSR, IRK Irkutsk, CN2 Changchun, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like PPLA Purkeypile, COLA College, ILAR Eielson Array, etc.

PRU 24 21:15:34.9, 37:81'N, 20:11'E, h0km
ISCJB 24 21:15:36.5, 0.2, 38:28'N, 0:01, 21:88'E, 0:01, h9km, 1km, mb4.0/28, MS3.4/6, Error ellipse: s-maj=2.3km
s-min=1.8km az=24.2
NEIC 24 21:15:36.8, 38:29'N, 21:92'E, h15km, mb4.1/17, ML3.8(ATH), After ATH.
ATH 24 21:15:36.8, 38:29'N, 21:92'E, h15km, 1km, MD4.1/31, ML3.9
IDC 24 21:15:36.0, 0.6, 38:35'N, 21:87'E, h0km, mb4.1/20, mb1.4/127, mb1mx4.1/34, mbtmp4.1/27, ML3.6/6, MS3.4/6, Ms1.3/6, ms1mx3.0/38, Error ellipse: s-maj=15.2km s-min=12.3km az=152.0
PDG 24 21:15:37.1, 0.5, 38:29'N, 21:94'E, h6km, 1km, ML3.9/10, Error ellipse: s-maj=0.7km s-min=0.7km az=90.0
THE 24 21:15:37.1, 38:30'N, 21:89'E, h3km, ML4.4/24, Error ellipse: s-maj=0.3km s-min=0.2km az=209.0
CSEM 24 21:15:37.0, 0.1, 38:27'N, 21:90'E, h5km, mb4.1/20, Error ellipse: s-maj=2.7km s-min=2.1km az=34.0
MOS 24 21:15:39.6, 0.9, 38:32'N, 21:87'E, h37km, mb4.2/21, Error ellipse: s-maj=6.1km s-min=3.6km az=93.1
SOF 24 21:16:05.5, 40:17'N, 22:85'E, h20km, MD3.6
ISC 24 21:15:37.4, 0.2, 38:27'N, 0:01, 21:90'E, 0:01, h5km, 1km, n479, t1904/592, mb4.0/28, MS3.4/6, 17C-25D, Greece

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JOSH, JOT, HABR, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PMG, PMG, PMG, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like VSL, DBIC, NIED, etc.

| | | | | | | |
|------|--------------------------|-------|------|-----------------|----|-----------------|
| SSE | | S | S | 00 44 34.8 -0.4 | | |
| SSE | comp=Z,280nm,1.0s,mb6.2 | pmax | pmax | | | |
| SSE | comp=Z,1µm,7.1s | LR | LR | | | |
| SSE | comp=N,2µm,24.3s,MS4.9 | LR | LR | | | |
| SSE | comp=E,820nm,24.3s,MS4.9 | LR | LR | | | |
| SSE | comp=Z,2µm,20.3s,MS5.0 | LR | LR | | | |
| LOHW | Long Hollow | 46.58 | 70f | eP | P | 00 37 49.0 -0.1 |
| LOHW | comp=Z,74nm,1.3s,mb5.5 | eP | P | 00 39 22.0 -0.7 | | |
| LOHW | | eP | P | 00 43 13.5 +0.9 | | |
| LOHW | | eS | S | 00 44 36.2 +1.3 | | |
| ISA | Isabella | 46.60 | 84 | f | P | 00 37 48.9 -0.5 |
| ISA | baz=46,SNR=33 | | | | | |
| ISA | Isabella | 46.60 | 84 | eP | P | 00 37 48.8 -0.6 |
| ISA | comp=Z,59nm,1.1s,mb5.4 | pmax | pmax | | | |
| ISA | Isabella | 46.60 | 84 | eP | P | 00 37 48.8 -0.6 |
| ISA | comp=Z,59nm,1.1s,mb5.4 | | | | | |
| O13A | Hicks Ranch, I | 46.60 | 76 | f | P | 00 37 49.6 +0.2 |
| SBC | Santa Barbara | 46.61 | 86 | f | P | 00 37 49.6 +0.1 |
| N14A | Grayback Hills | 46.66 | 75 | f | P | 00 37 50.2 +0.4 |
| J17A | Brown Place, J | 46.66 | 71 | f | P | 00 37 50.1 +0.3 |
| BGU | Big Grassy Mtn | 46.71 | 75f | eP | P | 00 37 50.4 +0.2 |
| BGU | comp=Z,141nm,1.2s,mb5.8 | | | | | |
| BGU | | eP | P | 00 39 22.0 -1.2 | | |
| BGU | | eS | S | 00 44 36.0 -2.5 | | |
| BGU | | eS | S | 00 44 36.2 -0.5 | | |
| R11A | Troy Canyon, C | 46.71 | 79 | f | P | 00 37 50.2 0.0 |
| ARVC | Arvin | 46.72 | 85 | f | P | 00 37 49.7 -0.7 |
| M15A | Larsen Ranch, | 46.74 | 74 | f | P | 00 37 50.7 +0.3 |
| Q12A | Willow Creek R | 46.75 | 78 | f | P | 00 37 50.9 +0.3 |
| DAC | Darwin (Calif) | 46.76 | 83 | f | PF | 00 38 00.0 +9.4 |
| DAC | comp=Z,4µm,21.0s,MS5.4 | LR | LR | | | |
| AHID | Auburn Hatcher | 46.78 | 72f | f | P | 00 37 50.5 -0.2 |
| AHID | comp=Z,129nm,1.0s,mb5.8 | eS | S | 00 44 39.0 +1.2 | | |
| AHID | | LR | LR | | | |
| SPUT | South Promonto | 46.83 | 74f | eP | P | 00 37 51.5 +0.3 |
| SPUT | comp=Z,201nm,1.2s,mb5.9 | | | | | |
| SPUT | | eP | P | 00 39 23.9 +0.3 | | |
| SPUT | | eP | P | 00 39 40.7 -0.8 | | |
| SPUT | | eS | S | 00 43 14.5 +0.7 | | |
| SPUT | | eS | S | 00 44 36.8 -1.7 | | |
| K17A | Gardner Place, | 46.90 | 72 | f | P | 00 37 51.5 -0.1 |
| BSC | Santa Cruz Isl | 46.95 | 87 | f | P | 00 37 52.2 0.0 |
| MPMC | Manual Prospec | 46.96 | 83 | f | P | 00 37 52.4 +0.1 |
| P13A | Bates Ranch, G | 46.99 | 77 | f | P | 00 37 52.7 +0.3 |
| I18A | Diamond G Rang | 46.99 | 70 | f | P | 00 37 52.7 +0.3 |
| L16A | Fish Haven | 47.02 | 73 | f | P | 00 37 53.1 +0.5 |
| N15A | Stansbury Isla | 47.04 | 75 | f | P | 00 37 53.1 +0.3 |
| FCC | Fort Churchill | 47.07 | 45f | eP | P | 00 37 51.7 -1.1 |
| FCC | | | | | | |
| FCC | | | | | | |
| FCC | Fort Churchill | 47.07 | 45f | eP | P | 00 37 51.7 -1.1 |
| FCC | comp=Z,4.5nm,1.2s,mb4.3 | | | | | |
| FCC | | eP | P | 00 39 23.4 -0.7 | | |
| FCC | | eP | P | 00 39 46.6 +3.2 | | |
| FCC | | eS | S | 00 43 16.6 +2.1 | | |
| FCC | | eS | S | 00 43 53.4 +0.1 | | |
| FURC | Furnace Creek, | 47.09 | 82 | f | P | 00 37 53.7 +0.2 |
| OSI | Osito Adit | 47.12 | 85 | f | P | 00 37 53.7 +0.2 |
| J18A | Kendall Valley | 47.16 | 71 | f | P | 00 37 53.6 -0.1 |
| HWUT | Hardware Ranch | 47.18 | 73f | eP | P | 00 37 54.1 +0.2 |
| HWUT | comp=Z,168nm,1.2s,mb5.8 | | | | | |
| HWUT | | eP | P | 00 39 26.2 +1.3 | | |
| HWUT | | eP | P | 00 39 45.0 -2.0 | | |
| HWUT | | eS | S | 00 44 15.5 +0.3 | | |
| HWUT | | eS | S | 00 44 43.3 -0.3 | | |
| HWUT | | LR | LR | | | |
| LRMC | Laurel Mountai | 47.21 | 84 | f | P | 00 37 54.0 -0.1 |
| BLG | Laguna Peak | 47.23 | 86 | f | P | 00 37 54.0 -0.4 |
| DUG | Dugway | 47.28 | 76 | f | P | 00 37 55.1 +0.5 |
| DUG | comp=Z,SNR=397 | | | | | |
| DUG | Dugway | 47.28 | 76f | eP | P | 00 37 55.1 +0.4 |
| DUG | | e | S | 00 39 26.1 | | |
| DUG | | eS | S | 00 44 44.7 -0.2 | | |
| DUG | comp=Z,302nm,1.1s,mb6.1 | pmax | pmax | | | |
| DUG | | MLR | MLR | | | |
| DUG | comp=Z,2µm,22.0s,MS5.1 | | | | | |
| DUG | Dugway | 47.28 | 76f | eP | P | 00 37 55.1 +0.5 |
| DUG | comp=Z,302nm,1.1s,mb6.1 | | | | | |
| DUG | | eP | P | 00 39 26.1 +0.9 | | |
| DUG | | eS | S | 00 43 14.9 -0.7 | | |
| DUG | | LR | LR | | | |
| Q13A | Wheeler Ranch, | 47.30 | 78 | f | P | 00 37 55.1 +0.3 |
| L17A | Cokeville | 47.31 | 72 | f | P | 00 37 55.1 +0.2 |
| R12A | Pony Springs, | 47.32 | 79 | f | P | 00 37 55.1 0.0 |
| LAO | LASA Array | 47.37 | 65f | eP | P | 00 37 54.6 -0.6 |
| LAO | comp=Z,91nm,1.0s,mb5.7 | | | | | |
| LAO | | eP | P | 00 39 25.7 +0.3 | | |
| LAO | | eS | S | 00 43 15.6 +0.3 | | |
| LAO | | LR | LR | | | |
| NJ2 | Nanjing | 47.40 | 270 | eP | P | 00 37 56.0 +0.3 |
| NJ2 | | eP | P | 00 39 44.9 -2.0 | | |
| NJ2 | | S | S | 00 44 46.0 -0.8 | | |
| NJ2 | | SS | SS | 00 48 05.5 -9.0 | | |
| NJ2 | comp=Z,220nm,0.9s,mb6.1 | pmax | pmax | | | |
| NJ2 | comp=Z,1µm,3.6s | LR | LR | | | |
| NJ2 | comp=N,2µm,18.9s,MS5.3 | LR | LR | | | |
| NJ2 | comp=E,2µm,21.8s,MS5.3 | LR | LR | | | |
| EDW2 | Edwards Air Fo | 47.40 | 85 | f | P | 00 37 55.6 -0.1 |
| NOQ | North Oquirrh | 47.42 | 75f | eP | P | 00 37 55.7 -0.1 |
| NOQ | comp=Z,360nm,1.3s,mb6.1 | | | | | |
| NOQ | | eP | P | 00 39 24.8 -0.9 | | |
| NOQ | | eP | P | 00 39 47.8 +0.8 | | |
| NOQ | | eS | S | 00 43 18.6 +2.3 | | |
| NOQ | | eS | S | 00 44 46.6 -0.3 | | |
| NOQ | | eS | S | 00 37 56.5 +0.6 | | |
| O19A | The Old Anders | 47.44 | 75 | f | P | 00 37 57.8 +1.9 |
| O19A | comp=Z,SNR=21 | | | | | |
| O19A | Baotou | 47.44 | 285 | f | P | 00 44 47.1 -0.2 |
| O19A | | S | S | 00 37 56.4 +0.3 | | |
| K18A | Toltan Ranch, | 47.48 | 71 | f | P | 00 37 56.7 +0.5 |
| P14A | Drum Mountains | 47.49 | 76 | f | P | 00 37 56.7 +0.4 |
| DGMT | Dagmar | 47.52 | 62 | f | P | 00 37 54.9 -1.3 |
| DGMT | comp=Z,101nm,0.9s,mb5.8 | | | | | |
| DGMT | | eS | S | 00 43 18.2 +1.8 | | |
| DGMT | | LR | LR | 00 44 51.3 +3.4 | | |

| | | | | | | |
|------|---|-------|------|-----------------|---|-----------------|
| DECC | Green Verdugo | 47.60 | 86 | f | P | 00 37 57.1 -0.2 |
| CTU | Camp Tracy | 47.62 | 74f | eP | P | 00 37 57.4 +0.1 |
| S12A | Delam Landing | 47.62 | 80 | f | P | 00 37 57.9 +0.5 |
| T11A | Corn Creek, AI | 47.62 | 80 | f | P | 00 37 57.6 +0.2 |
| N16A | Rees Ranch, Co | 47.69 | 74 | f | P | 00 37 58.2 +0.4 |
| BW06 | Boulder Array | 47.70 | 71 | f | P | 00 37 58.0 -0.1 |
| BW06 | Boulder Array | 47.70 | 71 | f | P | 00 37 57.5 -0.4 |
| BW06 | comp=Z,302nm,1.3s,mb6.2 | | | | | |
| BW06 | | eP | P | 00 39 25.8 -0.9 | | |
| BW06 | | LR | LR | | | |
| PDAR | Pinedale Array | 47.70 | 71 | f | P | 00 37 57.5 -0.3 |
| PDAR | comp=Z,150nm,1.0s,mb6.0, baz=302,slow=3.3,SNR=429 | | | | | |
| PDAR | | eP | P | 00 43 16.6 -0.8 | | |
| PDAR | | eS | S | 00 44 55.9 +5.1 | | |
| PDAR | comp=Z,0.9nm,0.9s, baz=311,slow=1.3,SNR=4.0 | LR | LR | | | |
| PDAR | comp=Z,3µm,21.9s,MS5.2, baz=315,slow=3.3 | | | | | |
| PDAR | Pinedale Array | 47.70 | 71 | f | P | 00 37 57.5 -0.3 |
| PDAR | | eP | P | 00 43 16.6 -0.8 | | |
| PDAR | | eS | S | 00 44 55.9 +5.1 | | |
| PDAR | | LR | LR | | | |
| Q14A | Sevier Lake (B | 47.73 | 77 | f | P | 00 37 58.7 +0.5 |
| PASC | Padadena Art C | 47.74 | 86 | eP | P | 00 37 58.5 +0.1 |
| PASC | comp=Z,558nm,1.8s,mb6.3 | | | | | |
| TIY | Taiyuan | 47.74 | 281 | eP | P | 00 39 25.1 -1.9 |
| TIY | | eP | P | 00 38 00.0 +1.7 | | |
| TIY | | eS | S | 00 39 51.4 +1.4 | | |
| TIY | | S | S | 00 44 58.8 +7.2 | | |
| TIY | comp=N,2µm,16.0s,MS5.4 | LR | LR | | | |
| TIY | comp=E,3µm,19.3s,MS5.4 | LR | LR | | | |
| TIY | comp=Z,4µm,22.0s,MS5.3 | LR | LR | | | |
| MWC | Mount Wilson | 47.79 | 85f | eP | P | 00 37 58.6 -0.1 |
| MWC | comp=Z,88nm,1.0s,mb5.7 | | | | | |
| MWC | Mount Wilson | 47.79 | 85f | eP | P | 00 37 58.6 -0.1 |
| M17A | Scully Gap (B | 47.80 | 73 | f | P | 00 37 58.7 -0.1 |
| R13A | O'Grain Ranch, | 47.81 | 78 | f | P | 00 37 59.1 +0.3 |
| SHOC | Shoshone | 47.81 | 82 | f | P | 00 37 58.7 -0.2 |
| JLU | Jordanelle | 47.86 | 74f | eP | P | 00 37 59.6 +0.4 |
| JLU | comp=Z,234nm,1.2s,mb6.1 | | | | | |
| JLU | | eP | P | 00 43 16.7 -1.4 | | |
| JLU | | eS | S | 00 44 54.4 +1.3 | | |
| JLU | | eS | S | 00 37 59.2 -0.1 | | |
| GSC | Goldstone | 47.87 | 83 | f | P | 00 37 59.4 +0.1 |
| GSC | comp=Z,110nm,1.0s,mb5.8 | | | | | |
| GSC | Goldstone | 47.87 | 83 | f | P | 00 37 59.4 +0.1 |
| GSC | comp=Z,110nm,1.0s,mb5.8 | | | | | |
| GSC | | eP | P | 00 39 27.7 +0.3 | | |
| GSC | | eS | S | 00 44 58.7 +5.2 | | |
| GSC | | eS | S | 00 44 58.7 +5.2 | | |
| GSC | | pmax | pmax | | | |
| GSC | comp=Z,110nm,1.0s,mb5.8 | | | | | |
| GSC | Goldstone | 47.87 | 83 | f | P | 00 37 59.4 +0.1 |
| NLU | North Lily Min | 47.87 | 75f | eP | P | 00 37 59.4 +0.1 |
| NLU | comp=Z,106nm,1.0s,mb5.8 | | | | | |
| NLU | | eP | P | 00 43 19.5 +1.4 | | |
| NLU | | eS | S | 00 44 53.7 +0.3 | | |
| L18A | Fontenelle, Gr | 47.91 | 72 | f | P | 00 37 59.6 0.0 |
| FMP | Fort Macarthur | 47.97 | 86 | f | P | 00 37 59.9 -0.3 |
| P15A | Leamington | 47.98 | 76 | f | P | 00 38 00.4 +0.3 |
| RRX | Edison Barstow | 48.02 | 84 | f | P | 00 38 00.4 -0.1 |
| N17A | Moffit Pass | 48.02 | 74 | f | P | 00 38 00.4 -0.1 |
| BFSC | Mount Baldy Ra | 48.03 | 85 | f | P | 00 38 00.4 -0.1 |
| U11A | Corn Creek | 48.04 | 81 | f | P | 00 38 00.7 +0.1 |
| O16A | Springville | 48.07 | 75 | f | P | 00 38 01.2 +0.5 |
| K19A | Abson Ranch, B | 48.08 | 70 | f | P | 00 38 01.1 -0.7 |
| DAU | Daniels Canyon | 48.09 | 74 | eP | P | 00 38 01.8 +0.8 |
| DAU | | eP | P | 00 39 28.4 | | |
| DAU | | eS | S | 00 44 58.0 +1.5 | | |
| DAU | | eP | P | 00 38 01.8 +0.8 | | |
| DAU | | eP | P | 00 39 28.4 +0.3 | | |
| DAU | | eS | S | 00 43 20.5 +1.4 | | |
| DAU | | eS | S | 00 44 58.0 +1.6 | | |
| MPU | Maple Canyon | 48.10 | 75f | eP | P | 00 38 01.4 +0.3 |
| MPU | comp=Z,101nm,1.2s,mb5.7 | | | | | |
| MPU | | eP | P | 00 39 28.2 +0.1 | | |
| MPU | | eP | P | 00 39 53.6 +0.3 | | |
| MPU | | eS | S | 00 43 27.1 +8.0 | | |
| MPU | | eS | S | 00 44 58.0 +1.3 | | |
| CIS | Catalina Islan | 48.11 | 86 | f | P | 00 38 00.7 -0.5 |
| M18A | Lyman | 48.19 | 73 | f | P | 00 38 01.6 -0.1 |
| L19A | Farson | 48.21 | 71 | f | P | 00 38 01.5 -0.3 |
| S13A | Holt Ranch, En | 48.25 | 79 | f | P | 00 38 02.5 +0.3 |
| T12A | Moapa | 48.26 | 80 | f | P | 00 38 02.4 +0.1 |
| Q15A | Fillmore | 48.27 | 77 | f | P | 00 38 02.6 +0.2 |
| R14A | James Farms, M | 48.32 | 78 | f | P | 00 38 02.9 +0.1 |
| TUQ | Turquoise Moun | 48.34 | 83 | f | P | 00 38 02.7 -0.2 |
| P16A | Fountain Green | 48.34 | 75 | f | P | 00 38 03.5 +0.7 |
| ARUT | Antelope Rang | 48.38 | 79 | eP | P | 00 38 03.2 0.0 |
| ARUT | comp=Z,3µm,1.1s | | | | | |
| V11A | Goodsprings | 48.38 | 82 | f | P | 00 38 03.4 +0.1 |
| BBRC | Big Bear Solar | 48.47 | 85 | f | P | 00 38 04.0 0.0 |
| HEC | Hector,Ludlow | 48.47 | 84 | f | P | 00 38 03.8 -0.2 |
| K20A | Yellowstone Ra | 48.48 | 70 | f | P | 00 38 03.2 -0.7 |
| O17A | Robinson Place | 48.54 | 74 | f | P | 00 38 05.1 +0.7 |
| U12A | Valley of Fire | 48.56 | 81 | f | P | 00 38 04.8 +0.1 |
| S14A | Cedar City | 48.56 | 78 | f | P | 00 38 04.8 +0.2 |
| CCUT | Cedar City | 48.58 | 79f | eP | P | 00 38 04.8 +0.1 |
| CCUT | comp=Z,52nm,1.0s,mb5.5 | | | | | |
| CCUT | | eP | P | 00 39 30.1 +0.2 | | |
| CCUT | | eS | S | 00 45 05.2 +1.8 | | |
| T13A | Saint George | 48.5 | | | | |

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Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like TATO Taipei, Y13A Salome, N22A Wattenberg Ran, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like XAN comp=Z,69nm,1.1s,mb5.5, XAN comp=Z,260nm,11.2s, XAN comp=N,2um,18.5s,MSS.1, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like SUMG Summit, BJO Bjornoya, Z19A T-Link Ranch, etc.

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like SDR Presa de Saban, SDR Braganca, SDR Cabril, etc.

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like AGPR Aguadilla, BCIP Isla Barro Col, AGP Aguadilla, etc.

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like ELOJ Sierra Loja, ESPR Espera, WDD Wield Daniel, etc.

| | | | | | | | |
|------|-------------------------|-------|-----|----|---|------------|------|
| MAW | comp=Z,6.0nm,1.1s,mb4.0 | 83.48 | 200 | eP | P | 05 12 52.6 | -0.5 |
| MAW | comp=Z,1.3nm,0.7s,mb4.6 | 83.48 | 200 | P | P | 05 12 52.7 | -0.5 |
| MAW | comp=Z,1.5nm,0.7s,mb4.6 | 83.48 | 200 | P | P | 05 12 52.7 | -0.5 |
| MAW | comp=Z,1.5nm,0.7s | 83.48 | 200 | P | P | 05 12 52.7 | -0.5 |
| MAW | comp=Z,1.0nm,0.6s,mb4.1 | 83.53 | 52 | eP | P | 05 12 54.5 | -0.7 |
| Y18A | comp=Z,1.0nm,0.6s,mb4.1 | 83.53 | 52 | P | P | 05 12 54.5 | +0.6 |
| RSW | baz=84,SNR=5.3 | 83.59 | 37 | eP | P | 05 12 53.2 | -0.8 |
| 320A | comp=Z,1.7nm,0.6s,mb4.3 | 83.60 | 54 | eP | P | 05 12 55.1 | +0.7 |
| L11A | baz=84,SNR=8.2 | 83.61 | 42 | eP | P | 05 12 53.8 | -0.4 |
| HAWA | comp=Z,3.0nm,0.6s | 83.62 | 37 | eP | P | 05 12 53.3 | -0.8 |
| Q14A | comp=Z,5.3nm,0.7s,mb4.2 | 83.65 | 46 | eP | P | 05 12 54.4 | +0.2 |
| RPW | baz=84,SNR=9.1 | 83.71 | 34 | eP | P | 05 12 53.4 | -1.1 |
| M12A | comp=Z,1.3nm,0.7s,mb4.3 | 83.77 | 43 | eP | P | 05 12 55.1 | +0.2 |
| U16A | baz=84 | 83.80 | 49 | eP | P | 05 12 55.3 | 0.0 |
| V17A | baz=84,SNR=5.6 | 83.80 | 50 | eP | P | 05 12 55.8 | +0.5 |
| SEY | comp=Z,1.7nm,0.6s,mb4.3 | 83.81 | 347 | eP | P | 05 12 53.9 | -0.8 |
| 220A | comp=Z,1.3nm,0.7s,mb4.3 | 83.84 | 54 | eP | P | 05 12 56.1 | +0.5 |
| ENH | comp=Z,1.6nm,0.9s,mb4.6 | 83.86 | 304 | eP | P | 05 12 56.0 | +0.3 |
| T16A | comp=Z,1.6nm,0.9s,mb4.6 | 83.92 | 48 | eP | P | 05 12 56.2 | +0.3 |
| X18A | comp=Z,1.6nm,0.9s,mb4.6 | 83.92 | 48 | eP | P | 05 12 56.2 | +0.3 |
| N13A | comp=Z,1.6nm,0.9s,mb4.6 | 83.95 | 44 | eP | P | 05 12 56.3 | +0.4 |
| L12A | comp=Z,1.6nm,0.9s,mb4.6 | 84.07 | 42 | eP | P | 05 12 57.1 | +0.7 |
| BMO | comp=Z,1.6nm,0.9s,mb4.6 | 84.07 | 39 | eP | P | 05 12 56.0 | -0.4 |
| P14A | comp=Z,1.6nm,0.9s,mb4.6 | 84.08 | 45 | eP | P | 05 12 56.9 | +0.3 |
| Y19A | comp=Z,1.6nm,0.9s,mb4.6 | 84.19 | 52 | eP | P | 05 12 57.9 | +0.7 |
| S16A | comp=Z,1.6nm,0.9s,mb4.6 | 84.20 | 47 | eP | P | 05 12 58.3 | +1.1 |
| MFID | comp=Z,1.6nm,0.9s,mb4.6 | 84.22 | 41 | eP | P | 05 12 56.9 | -0.2 |
| M13A | comp=Z,1.6nm,0.9s,mb4.6 | 84.23 | 43 | eP | P | 05 12 57.5 | +0.3 |
| Z20A | comp=Z,1.6nm,0.9s,mb4.6 | 84.31 | 53 | eP | P | 05 12 58.4 | +0.5 |
| TRF | comp=Z,1.6nm,0.9s,mb4.6 | 84.32 | 13 | eP | P | 05 12 55.2 | -1.9 |
| D08A | comp=Z,1.1nm,0.7s,mb4.5 | 84.34 | 37 | eP | P | 05 12 57.4 | -0.2 |
| X19A | comp=Z,1.1nm,0.7s,mb4.5 | 84.37 | 51 | eP | P | 05 12 58.4 | +0.3 |
| K12A | comp=Z,1.1nm,0.7s,mb4.5 | 84.39 | 42 | eP | P | 05 12 58.1 | +0.1 |
| T17A | comp=Z,1.1nm,0.7s,mb4.5 | 84.42 | 48 | eP | P | 05 12 59.2 | +0.9 |
| E09A | comp=Z,1.1nm,0.7s,mb4.5 | 84.48 | 37 | eP | P | 05 12 58.5 | +0.1 |
| J12A | comp=Z,1.1nm,0.7s,mb4.5 | 84.59 | 41 | eP | P | 05 12 59.3 | +0.3 |
| GYA | comp=Z,1.1nm,0.7s,mb4.5 | 84.59 | 300 | P | P | 05 13 01.3 | +2.0 |
| GYA | comp=Z,1.1nm,0.7s,mb4.5 | 84.59 | 300 | P | P | 05 13 01.3 | +2.0 |
| GYA | comp=Z,1.1nm,0.7s,mb4.5 | 84.59 | 300 | P | P | 05 13 01.3 | +2.0 |
| GYA | comp=Z,1.1nm,0.7s,mb4.5 | 84.59 | 300 | P | P | 05 13 01.3 | +2.0 |
| N14A | comp=Z,1.1nm,0.7s,mb4.5 | 84.62 | 44 | eP | P | 05 12 59.2 | +0.1 |
| OD2 | comp=Z,1.1nm,0.7s,mb4.5 | 84.65 | 36 | eP | P | 05 12 58.7 | -0.4 |
| 121A | comp=Z,1.1nm,0.7s,mb4.5 | 84.68 | 53 | eP | P | 05 13 00.1 | +0.5 |
| F10A | comp=Z,1.1nm,0.7s,mb4.5 | 84.72 | 38 | eP | P | 05 12 59.1 | -0.4 |
| Y20A | comp=Z,1.1nm,0.7s,mb4.5 | 84.82 | 52 | eP | P | 05 13 00.8 | +0.5 |
| M14A | comp=Z,1.1nm,0.7s,mb4.5 | 84.83 | 43 | eP | P | 05 12 59.6 | -0.5 |
| I12A | comp=Z,1.1nm,0.7s,mb4.5 | 84.84 | 41 | eP | P | 05 13 00.0 | -0.1 |
| B08A | comp=Z,1.1nm,0.7s,mb4.5 | 84.84 | 35 | eP | P | 05 12 59.0 | -1.0 |
| K13A | comp=Z,1.1nm,0.7s,mb4.5 | 84.92 | 42 | eP | P | 05 13 00.8 | +0.2 |
| X20A | comp=Z,1.1nm,0.7s,mb4.5 | 85.00 | 51 | eP | P | 05 13 01.5 | +0.3 |
| Q16A | comp=Z,1.1nm,0.7s,mb4.5 | 85.06 | 47 | eP | P | 05 13 01.9 | +0.6 |
| Z21A | comp=Z,1.1nm,0.7s,mb4.5 | 85.09 | 53 | eP | P | 05 13 02.5 | +0.9 |
| C09A | comp=Z,1.1nm,0.7s,mb4.5 | 85.12 | 36 | eP | P | 05 13 01.4 | -0.1 |
| T18A | comp=Z,1.1nm,0.7s,mb4.5 | 85.15 | 49 | eP | P | 05 13 01.7 | -0.1 |
| L14A | comp=Z,1.1nm,0.7s,mb4.5 | 85.16 | 43 | eP | P | 05 13 01.7 | 0.0 |
| HLID | comp=Z,1.1nm,0.7s,mb4.5 | 85.17 | 41 | eP | P | 05 13 01.8 | +0.1 |
| HLID | comp=Z,1.1nm,0.7s,mb4.5 | 85.17 | 41 | eP | P | 05 13 01.7 | -0.1 |
| U19A | comp=Z,1.1nm,0.7s,mb4.5 | 85.25 | 50 | eP | P | 05 13 02.8 | +0.5 |
| W20A | comp=Z,1.1nm,0.7s,mb4.5 | 85.26 | 51 | eP | P | 05 13 02.7 | +0.3 |
| Y21A | comp=Z,1.1nm,0.7s,mb4.5 | 85.39 | 52 | eP | P | 05 13 03.4 | +0.4 |
| M15A | comp=Z,1.1nm,0.7s,mb4.5 | 85.40 | 44 | eP | P | 05 13 02.5 | -0.4 |
| H12A | comp=Z,1.1nm,0.7s,mb4.5 | 85.40 | 40 | eP | P | 05 13 02.5 | -0.4 |
| K14A | comp=Z,1.1nm,0.7s,mb4.5 | 85.45 | 43 | eP | P | 05 13 03.4 | +0.3 |
| I13A | comp=Z,1.1nm,0.7s,mb4.5 | 85.54 | 41 | eP | P | 05 13 03.7 | +0.2 |
| SRU | comp=Z,1.1nm,0.7s,mb4.5 | 85.59 | 47 | eP | P | 05 13 04.1 | +0.2 |
| Z22A | comp=Z,1.1nm,0.7s,mb4.5 | 85.61 | 53 | eP | P | 05 13 03.8 | -0.3 |
| J19A | comp=Z,1.1nm,0.7s,mb4.5 | 85.62 | 42 | eP | P | 05 13 04.3 | +0.4 |
| T14A | comp=Z,1.1nm,0.7s,mb4.5 | 85.62 | 49 | eP | P | 05 13 04.4 | +0.4 |
| L15A | comp=Z,1.1nm,0.7s,mb4.5 | 85.70 | 43 | eP | P | 05 13 03.9 | -0.4 |
| H13A | comp=Z,1.1nm,0.7s,mb4.5 | 85.78 | 40 | eP | P | 05 13 04.4 | -0.2 |
| F12A | comp=Z,1.1nm,0.7s,mb4.5 | 85.78 | 39 | eP | P | 05 13 03.9 | -0.6 |
| U20A | comp=Z,1.1nm,0.7s,mb4.5 | 85.79 | 50 | eP | P | 05 13 04.5 | -0.4 |
| Q18A | comp=Z,1.1nm,0.7s,mb4.5 | 85.86 | 47 | eP | P | 05 13 04.7 | -0.4 |
| Y22A | comp=Z,1.1nm,0.7s,mb4.5 | 85.89 | 52 | eP | P | 05 13 05.6 | +0.1 |
| E12A | comp=Z,1.1nm,0.7s,mb4.5 | 85.94 | 38 | eP | P | 05 13 04.9 | -0.4 |
| K15A | comp=Z,1.1nm,0.7s,mb4.5 | 85.94 | 43 | eP | P | 05 13 05.4 | 0.0 |
| O17A | comp=Z,1.1nm,0.7s,mb4.5 | 85.94 | 46 | eP | P | 05 13 05.7 | +0.2 |
| S19A | comp=Z,1.1nm,0.7s,mb4.5 | 85.95 | 48 | eP | P | 05 13 05.6 | +0.1 |
| I14A | comp=Z,1.1nm,0.7s,mb4.5 | 85.95 | 41 | eP | P | 05 13 06.1 | +0.6 |
| 324A | comp=Z,1.1nm,0.7s,mb4.5 | 86.01 | 55 | eP | P | 05 13 05.8 | -0.2 |
| P18A | comp=Z,1.1nm,0.7s,mb4.5 | 86.02 | 46 | eP | P | 05 13 05.8 | -0.1 |
| NEW | comp=Z,1.1nm,0.7s,mb4.5 | 86.02 | 36 | eP | P | 05 13 04.3 | -1.4 |
| NEW | comp=Z,1.1nm,0.7s,mb4.5 | 86.02 | 36 | eP | P | 05 13 04.3 | -1.4 |
| NEW | comp=Z,1.1nm,0.7s,mb4.5 | 86.02 | 36 | eP | P | 05 13 04.3 | -1.4 |
| HWUT | comp=Z,1.1nm,0.7s,mb4.5 | 86.05 | 44 | eP | P | 05 13 05.7 | -0.3 |
| G13A | comp=Z,1.1nm,0.7s,mb4.5 | 86.06 | 40 | eP | P | 05 13 05.5 | -0.5 |
| COLA | comp=Z,1.1nm,0.7s,mb4.5 | 86.09 | 13 | eP | P | 05 13 03.4 | -2.2 |
| COLA | comp=Z,1.1nm,0.7s,mb4.5 | 86.09 | 13 | eP | P | 05 13 03.4 | -2.2 |
| COLA | comp=Z,1.1nm,0.7s,mb4.5 | 86.09 | 13 | eP | P | 05 13 03.4 | -2.2 |
| R19A | comp=Z,1.1nm,0.7s,mb4.5 | 86.10 | 48 | eP | P | 05 13 06.2 | 0.0 |
| 425A | comp=Z,1.1nm,0.7s,mb4.5 | 86.14 | 56 | eP | P | 05 13 07.0 | +0.4 |
| MNTX | comp=Z,1.1nm,0.7s,mb4.5 | 86.19 | 55 | eP | P | 05 13 06.5 | -0.3 |
| ILAR | comp=Z,1.1nm,0.7s,mb4.5 | 86.20 | 13 | eP | P | 05 13 04.1 | -2.0 |
| ILAR | comp=Z,1.1nm,0.7s,mb4.5 | 86.20 | 13 | eP | P | 05 13 04.1 | -2.0 |
| ILAR | comp=Z,1.1nm,0.7s,mb4.5 | 86.20 | 13 | eP | P | 05 13 04.1 | -2.0 |
| N17A | comp=Z,1.1nm,0.7s,mb4.5 | 86.23 | 45 | eP | P | 05 13 06.8 | -0.1 |
| 224A | comp=Z,1.1nm,0.7s,mb4.5 | 86.23 | 55 | eP | P | 05 13 07.4 | +0.3 |
| C11A | comp=Z,1.1nm,0.7s,mb4.5 | 86.29 | 37 | eP | P | 05 13 06.5 | -0.5 |
| PV10 | comp=Z,1.1nm,0.7s,mb4.5 | 86.30 | 48 | eP | P | 05 13 06.8 | -0.4 |
| 626A | comp=Z,1.1nm,0.7s,mb4.5 | 86.33 | 57 | eP | P | 05 13 08.0 | +0.5 |
| L16A | comp=Z,1.1nm,0.7s,mb4.5 | 86.33 | 44 | eP | P | 05 13 07.0 | -0.3 |
| J15A | comp=Z,1.1nm,0.7s,mb4.5 | 86.35 | 42 | eP | P | 05 13 07.5 | +0.2 |
| F13A | comp=Z,1.1nm,0.7s,mb4.5 | 86.35 | 39 | eP | P | 05 13 06.4 | -0.9 |
| H14A | comp=Z,1.1nm,0.7s,mb4.5 | 86.36 | 41 | eP | P | 05 13 07.7 | +0.4 |
| 325A | comp=Z,1.1nm,0.7s,mb4.5 | 86.38 | 56 | eP | P | 05 13 07.9 | +0.1 |
| D12A | comp=Z,1.1nm,0.7s,mb4.5 | 86.39 | 38 | eP | P | 05 13 07.1 | -0.3 |
| Q19A | comp=Z,1.1nm,0.7s,mb4.5 | 86.40 | 47 | eP | P | 05 13 06.9 | -0.8 |
| U21A | comp=Z,1.1nm,0.7s,mb4.5 | 86.44 | 50 | eP | P | 05 13 07.8 | -0.1 |
| PV01 | comp=Z,1.1nm,0.7s,mb4.5 | 86.52 | 48 | eP | P | 05 13 08.1 | -0.1 |
| 124A | comp=Z,1.1nm,0.7s,mb4.5 | 86.54 | 54 | eP | P | 05 13 08.4 | -0.1 |
| BILL | comp=Z,1.1nm,0.7s,mb4.5 | 86.55 | 355 | eP | P | 05 13 07.6 | -0.1 |
| BILL | comp=Z,1.1nm,0.7s,mb4.5 | 86.55 | 355 | eP | P | 05 13 07.6 | -0.1 |
| 526A | comp=Z,1.1nm,0.7s,mb4.5 | 86.56 | 57 | eP | P | 05 13 09.0 | +0.3 |
| G14A | comp=Z,1.1nm,0.7s,mb4.5 | 86.61 | 40 | eP | P | 05 13 08.6 | +0.1 |
| K16A | comp=Z,1.1nm,0.7s,mb4.5 | 86.62 | 43 | eP | P | 05 13 09.2 | +0.6 |
| TXAR | comp=Z,1.1nm,0.7s,mb4.5 | 86.62 | 58 | eP | P | 05 13 09.4 | +0.5 |
| TXAR | comp=Z,1.1nm,0.7s,mb4.5 | 86.62 | 58 | eP | P | 05 13 09.4 | +0.5 |
| TXAR | comp=Z,1.1nm,0.7s,mb4.5 | 86.62 | 58 | eP | P | 05 13 09.4 | +0.5 |
| C12B | comp=Z,1.1nm,0.7s,mb4.5 | 86.67 | 37 | eP | P | 05 13 08.7 | 0.0 |
| E13A | comp=Z,1.1nm,0.7s,mb4.5 | 86.77 | 39 | eP | P | 05 13 09.3 | 0.0 |
| MCMT | comp=Z,1.1nm,0.7s,mb4.5 | 86.78 | 41 | eP | P | 05 13 10.1 | +0.8 |
| 225A | comp=Z,1.1nm,0.7s,mb4.5 | 86.79 | 55 | eP | P | 05 13 09.5 | -0.2 |
| H15A | comp=Z,1.1nm,0.7s,mb4.5 | 86.81 | 41 | eP | P | 05 13 10.0 | +0.6 |
| J16A | comp=Z,1.1nm,0.7s,mb4.5 | 86.81 | 42 | eP | P | 05 13 10.0 | +0.5 |
| 426A | comp=Z,1.1nm,0.7s,mb4.5 | 86.85 | 56 | eP | P | 05 13 10.4 | +0.5 |
| G27A | comp=Z,1.1nm,0.7s,mb4.5 | 86.89 | 58 | eP | P | 05 13 10.6 | +0.4 |
| HHC | comp=Z,1.1nm,0.7s,mb4.5 | 86.96 | 315 | eP | P | 05 13 10.1 | -0. |

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Tokmak 2, Borovoye Array, Alice Springs, etc.

ADC 25 07:18:30.8-0.8, 31.44N, 104.00E, h0km, mb3.8/10, mb1.4/0.12, mb1mx3.8/25, mbtmp3.8/12, ML3.8/2, Error ellipse: s-maj=21.4km, s-min=16.8km, az=62.0

NEIC 25 07:18:32.6-0.5, 31.40N, 103.81E, h10km, mb4.4/1, Error ellipse: s-maj=13.5km, s-min=8.6km, az=59.0

BJJ 25 07:18:33.9, 31.44N, 104.04E, h14km, mb4.0/1, ML3.5/16, Ms3.6/3, Ms7.3/5.3

ISC 25 07:18:34.0-1.2, 31.45N, 105.103.77E, h0.07, h19km, 8km, n20, s121/28, mb4.0/10, Sichuan

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

ADC 25 07:37:44.2-2.4, 3.85S, 131.56E, h0km, mb3.9/3, mb1.4/0.4, mb1mx3.7/17, mbtmp3.9/4, Error ellipse: s-maj=243.3km, s-min=24.0km, az=71.0, Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Alice Springs, Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Riobamba, Iguala, Cerro-Chispas, etc.

LDG 25 07:48:08.7-0.5, 22.03S, 68.30W, h100km, Mb5.5/2/18, Ms3.7/8, Error ellipse: s-maj=44.0km, s-min=22.9km, az=155.0

ISCJB 25 07:48:10.1-0.2, 22.24S, 0.04:68.17W, 0.03, h117km, mb4.9/192, Error ellipse: s-maj=5.8km, s-min=3.9km, az=2.0

IDC 25 07:48:10.4-0.5, 22.41S, 68.31W, h12km, 4km, mb4.7/21, mb1.4/7.26, mb1mx4.7/27, mbtmp4.7/26, MS4.0/8, Ms1.4/0.8, ms1mx3.7/19, Error ellipse: s-maj=15.4km, s-min=9.7km, az=62.0

NEIC 25 07:48:11.1-0.2, 22.33S, 68.17W, mb5.0/161, Error ellipse: s-maj=5.9km, s-min=4.3km, az=42.0

MOS 25 07:48:12.2-1.1, 22.12S, 68.26W, h133km, mb5.0/48, Error ellipse: s-maj=11.4km, s-min=6.8km, az=93.9

GCMT 25 07:48:15.9-0.2, 22.44S, 68.55W, h137km, 2km, MW5.2, Moment Tensor Solution, s40, c48, s71, c106, Moment tensor: Scale 10^16Nm, Mr=3.08, 21, Mw=1.08, 22, Ms=1.92, 26, Ms3.26, 11, Ms4.29, 19, Ms5.19, 19, Ms6.22, 18, Best double couple: M7, 10000, 1016, NP13, 131.000000, s15.000000, A-107.000000, NP23, 328.000000, s76.000000, A-86.000000, Principal axes: T 7.4300, Plg31.0000, Azm54.0000; N -0.6500, Plg4.0000, Azm147.0000; P -6.7900, Plg59.0000, Azm244.0000; Data Used: II U G CN IC

ISC 25 07:48:11.8-0.2, 22.28S, 0.04:68.08W, 0.03, h119km, h19km, 1.0km, pP-P, n781, s0573/706, mb4.9/192, 201C-175D, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like La Paz, Las Campanas, San Ignacio, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CPUP, CPUP NNA, TRQA, ATAH, PLCA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ROSC, PAYG, PCRV, USHA, GRGR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Arcicbo Observ, Aguadilla, Tegucigalpa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BB Station, New Hope, Jenkinstville, etc.

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

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

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

| | | | | |
|------|-----------------|--------------|---|-----------------|
| BINY | Binghamton | 64.57 354 eP | P | 07 58 36.0 -0.1 |
| Z27A | Tatum | 64.64 328 ↑P | P | 07 58 35.4 -1.4 |
| CPRX | Cap Ranch | 64.74 327 eP | P | 07 58 36.7 -0.8 |
| 224A | Cornudas Mount | 64.84 325 ↑P | P | 07 58 36.9 -1.2 |
| 125A | Gardner Ranch | 64.85 326 ↑P | P | 07 58 36.8 -1.4 |
| MSXT | Muleshoe | 64.96 329 ↑P | P | 07 58 37.5 -1.3 |
| Z26A | Caprock | 64.99 327 ↑P | P | 07 58 38.0 -1.0 |
| Y27A | Causey | 65.08 328 ↑P | P | 07 58 38.2 -1.4 |
| AMTX | Amarillo | 65.19 330 eP | P | 07 58 39.0 -1.2 |
| 223A | Chaparral, Ant | 65.27 325 ↑P | P | 07 58 40.4 -0.5 |
| 124A | Stringfield Ra | 65.29 326 ↑P | P | 07 58 40.4 -0.6 |
| Z25A | Roswell | 65.37 327 ↑P | P | 07 58 40.4 -1.1 |
| Y26A | Elida | 65.44 328 ↑P | P | 07 58 42.2 +0.3 |
| HDIL | Hopedale | 65.56 342 eP | P | 07 58 40.3 -2.3 |
| HDIL | | | | 07 59 01.6 |
| 222A | Williams Family | 65.71 324 ↑P | P | 07 58 43.7 0.0 |
| Z24A | Sheeppen Canyo | 65.74 326 ↑P | P | 07 58 43.2 -0.7 |
| MAIT | Maitri | 65.80 159 eP | P | 07 58 43.3 -0.5 |
| Y25A | Mesa, Roswell | 65.87 327 ↑P | P | 07 58 43.4 -1.2 |
| 320A | Kipp Ranch, An | 65.92 323 ↑P | P | 07 58 44.2 -0.9 |
| X26A | CR and CF Fran | 65.93 328 ↑P | P | 07 58 44.2 -0.9 |
| W27A | Bowe Ranch, En | 65.98 329 ↑P | P | 07 58 44.4 -1.0 |
| 221A | Mesquite Ranch | 66.01 324 ↑P | P | 07 58 46.0 +0.3 |
| 122A | Corniff Cattle | 66.11 325 ↑P | P | 07 58 46.6 +0.3 |
| Z23A | Rita Site, Whi | 66.14 326 ↑P | P | 07 58 46.3 -0.1 |
| NCB | Newcomb | 66.16 355 eP | P | 07 58 45.7 -0.6 |
| 220A | Playas Peak, P | 66.34 323 ↑P | P | 07 58 47.6 -0.2 |
| W26A | Owens Ranch, T | 66.34 329 ↑P | P | 07 58 47.0 -0.7 |
| 319A | Douglas Butte | 66.37 322 ↑P | P | 07 58 48.0 0.0 |
| 121A | Cookes Peak, D | 66.41 324 ↑P | P | 07 58 48.4 +0.2 |
| Z22A | Elephant Butte | 66.52 325 ↑P | P | 07 58 49.2 +0.4 |
| Y23A | Lovelace Mesa, | 66.57 326 ↑P | P | 07 58 48.7 -0.5 |
| W25A | X Bar L Ranch, | 66.78 328 ↑P | P | 07 58 49.6 -0.9 |
| 219A | White Tail Can | 66.82 323 ↑P | P | 07 58 50.8 0.0 |
| LONY | Lake Ozonia | 66.84 355 eP | P | 07 58 50.4 -0.2 |
| 120A | U Bar Ranch, L | 66.89 323 ↑P | P | 07 58 51.4 +0.2 |
| Z21A | St. Cloud Mine | 66.94 325 ↑P | P | 07 58 51.9 +0.4 |
| BNM | Barret Site | 66.94 326 eP | P | 07 58 52.4 +0.3 |
| BNM | | | | 07 59 20.3 -1.2 |
| Y22A | Socorro | 67.05 325 eP | P | 07 58 52.4 +0.2 |
| PKME | Peaks-Kenny Pk | 67.23 359 eP | P | 07 58 52.6 -0.4 |
| W24A | Lazy 6 Ranch, | 67.25 327 ↑P | P | 07 58 52.9 -0.5 |
| 218A | Dragon | 67.25 322 ↑P | P | 07 58 53.6 +0.1 |
| Z20A | Nine Sixteen R | 67.29 324 ↑P | P | 07 58 54.2 +0.4 |
| V25A | Rancho No Teng | 67.36 328 ↑P | P | 07 58 53.7 -0.4 |
| U26A | Atchley Ranch, | 67.39 329 ↑P | P | 07 58 53.9 -0.4 |
| 119A | Ashpeak Ranch, | 67.42 323 ↑P | P | 07 58 54.5 -0.1 |
| Y21A | Point of Rocks | 67.48 325 ↑P | P | 07 58 55.6 +0.7 |
| LAZ | Ladron | 67.50 326 eP | P | 07 58 55.2 +0.2 |
| 217A | Green Valley | 67.55 321 ↑P | P | 07 58 55.3 -0.1 |
| ANMO | Albuquerque | 67.57 327 P | P | 07 58 55.5 0.0 |
| W23A | Werner Place | 67.58 327 ↑P | P | 07 58 55.6 0.0 |
| V24A | Rampart Ranch, | 67.59 328 ↑P | P | 07 58 55.1 -0.5 |
| CBKS | Cedar Bluff | 67.63 334 eP | P | 07 58 55.0 -0.7 |
| CBKS | | | | 07 59 24.1 -1.1 |
| CBKS | | | | 07 58 55.0 -0.7 |
| CBKS | | | | 07 59 24.1 -1.1 |
| 118A | Homack Ranch, | 67.70 322 ↑P | P | 07 58 56.2 -0.1 |
| U25A | Circle Dot Ran | 67.71 329 ↑P | P | 07 58 56.0 -0.3 |
| Y20A | Horse Springs, | 67.78 324 ↑P | P | 07 58 57.2 +0.5 |
| Z19A | T-Link Ranch, | 67.80 323 ↑P | P | 07 58 57.6 +0.6 |
| X21A | Alamocita Cree | 67.87 325 ↑P | P | 07 58 58.0 +0.6 |
| LIC | Lamto | 67.87 73 eP | P | 07 58 57.3 -0.6 |
| LIC | | | | 07 58 57.9 0.0 |
| LIC | | | | 07 58 57.9 0.0 |
| LIC | | | | 07 58 57.9 0.0 |
| W22A | Albuquerque | 67.88 326 ↑P | P | 07 58 57.9 +0.5 |
| TUC | Tucson | 67.92 322 eP | P | 07 58 57.6 -0.1 |
| TUC | | | | 07 58 57.6 -0.2 |
| JFWS | Jewell Farm | 68.01 343 eP | P | 07 58 56.3 -1.7 |
| JFWS | | | | 07 58 56.3 -1.7 |
| V23A | Ortiz Mt. (NFS | 68.06 327 ↑P | P | 07 58 58.9 +0.4 |
| Z18A | Geronomio | 68.07 323 ↑P | P | 07 58 58.9 +0.2 |
| TIC | Toumudi | 68.07 73 eP | P | 07 58 58.8 -0.3 |
| TIC | | | | 07 58 58.8 -0.3 |
| TIC | | | | 07 58 58.9 +0.2 |
| 117A | Oracle | 68.09 322 ↑P | P | 07 58 58.9 +0.1 |
| U24A | Moreno Valley | 68.14 328 ↑P | P | 07 58 59.4 +0.4 |
| KIC | Kosan Boka | 68.19 73 eP | P | 07 58 59.2 -0.6 |
| DBIC | Dimbokro | 68.23 73 eP | P | 07 59 00.3 +0.3 |
| DBIC | | | | 08 26 36.5 |
| DBIC | | | | 07 59 00.0 -0.1 |
| DBIC | | | | 07 59 00.0 -0.1 |

| | | | | |
|------|------------------|--------------|---|-----------------|
| Y19A | Nutriosio | 68.29 324 ↑P | P | 07 59 00.7 +0.7 |
| T25A | Trinidad | 68.30 329 ↑P | P | 07 59 00.1 +0.1 |
| W21A | San Francisco | 68.31 326 ↑P | P | 07 59 00.5 +0.3 |
| X20A | Quemado | 68.32 325 ↑P | P | 07 59 00.5 +0.3 |
| Z17A | San Carlos Hig | 68.47 323 ↑P | P | 07 59 01.3 +0.1 |
| U23A | El Rito | 68.52 328 ↑P | P | 07 59 01.6 +0.2 |
| V22A | San Miguel Ran | 68.55 327 ↑P | P | 07 59 02.1 +0.5 |
| Y18A | Canyon Day Jun | 68.58 323 ↑P | P | 07 59 02.0 +0.1 |
| 116A | Eloy | 68.64 321 ↑P | P | 07 59 02.3 +0.1 |
| X19A | Johns | 68.66 324 ↑P | P | 07 59 02.7 +0.4 |
| S25A | Robets Cordova | 68.73 330 ↑P | P | 07 59 02.7 0.0 |
| W20A | Ramah | 68.77 325 ↑P | P | 07 59 03.3 +0.3 |
| 214A | Organ Pipe Nat | 68.85 320 ↑P | P | 07 59 03.7 +0.2 |
| U22A | Llaves | 68.89 327 ↑P | P | 07 59 04.3 +0.7 |
| Y17A | Roosevelt | 68.97 323 ↑P | P | 07 59 04.6 +0.3 |
| T23A | Casias Ranch, | 69.00 328 ↑P | P | 07 59 04.6 +0.2 |
| X18A | Snowflake | 69.10 324 ↑P | P | 07 59 05.4 +0.4 |
| W19A | Sanders | 69.23 325 ↑P | P | 07 59 06.1 +0.3 |
| V20A | Brimhall | 69.27 326 ↑P | P | 07 59 06.2 +0.2 |
| SDCO | Great Sand Dun | 69.31 329 eP | P | 07 59 06.4 +0.2 |
| SDCO | | | | 07 59 35.8 +0.1 |
| U21A | Nageezi | 69.33 327 ↑P | P | 07 59 06.6 +0.2 |
| T22A | Edith | 69.41 328 ↑P | P | 07 59 07.3 +0.5 |
| W18A | Petrified Fore | 69.42 324 ↑P | P | 07 59 07.3 +0.3 |
| Z15A | Gila River Ind | 69.42 322 ↑P | P | 07 59 07.1 +0.1 |
| X17A | Forest Lakes | 69.43 323 ↑P | P | 07 59 07.7 +0.7 |
| 114A | Black Gap (USA | 69.46 321 ↑P | P | 07 59 07.4 +0.1 |
| Y16A | Circle Bar Ranch | 69.47 322 ↑P | P | 07 59 07.7 +0.4 |
| V19A | Window Rock | 69.50 325 ↑P | P | 07 59 07.8 +0.3 |
| R24A | Sanders Place, | 69.51 330 ↑P | P | 07 59 07.8 +0.3 |
| U20A | Newcomb | 69.74 326 ↑P | P | 07 59 09.0 +0.1 |
| X16A | Lo Mia Camp, P | 69.84 323 ↑P | P | 07 59 10.2 +0.6 |
| W17A | Wintersburg | 69.92 324 ↑P | P | 07 59 10.6 +0.5 |
| Z14A | Wintersburg | 69.93 321 ↑P | P | 07 59 10.3 +0.1 |
| S22A | 4th Ranch, Cre | 69.95 328 ↑P | P | 07 59 10.6 +0.4 |
| V18A | Canado | 69.97 325 ↑P | P | 07 59 10.5 +0.1 |
| 113A | Mohawk Valley, | 69.99 320 ↑P | P | 07 59 10.6 0.0 |
| Y15A | Casa Rosa Ranch | 70.01 322 ↑P | P | 07 59 10.8 +0.2 |
| U19A | Dine' College, | 70.03 326 ↑P | P | 07 59 10.4 -0.3 |
| P25A | Willow Gulch B | 70.11 331 ↑P | P | 07 59 11.5 +0.3 |
| Q24A | Divide | 70.12 330 ↑P | P | 07 59 11.5 +0.4 |
| Z13A | Yuma Proving G | 70.23 320 ↑P | P | 07 59 12.2 +0.1 |
| R22A | Saguache, Gunn | 70.29 328 ↑P | P | 07 59 12.8 +0.6 |
| 112A | Yuma | 70.32 319 ↑P | P | 07 59 12.7 +0.2 |
| X15A | Humboldt | 70.34 322 ↑P | P | 07 59 13.0 +0.4 |
| T19A | Beclabito | 70.34 326 ↑P | P | 07 59 12.4 -0.2 |
| MVCO | Mesa Verde | 70.36 327 ↑P | P | 07 59 12.9 +0.2 |
| V17A | Tonalea, Kytok | 70.37 324 ↑P | P | 07 59 13.2 +0.4 |
| Y14A | Wickenburg | 70.38 321 ↑P | P | 07 59 12.9 0.0 |
| W16A | Flagstaff | 70.39 323 ↑P | P | 07 59 13.5 +0.6 |
| P24A | Kohia Place, | 70.45 331 ↑P | P | 07 59 13.5 +0.3 |
| U18A | Rough Rock, Ch | 70.47 325 ↑P | P | 07 59 13.8 +0.4 |
| WUAZ | Wupatki | 70.61 324 eP | P | 07 59 14.9 +0.6 |
| WUAZ | | | | 07 59 15.0 +0.7 |
| X14A | Yava | 70.70 322 ↑P | P | 07 59 15.3 +0.5 |
| ECSD | EROS Data Cent | 70.72 338 eP | P | 07 59 13.0 -1.7 |
| P23A | Jefferson | 70.77 330 ↑P | P | 07 59 15.8 +0.7 |
| Y13A | Salome | 70.77 321 ↑P | P | 07 59 15.5 +0.3 |
| S20A | Disappointment | 70.77 327 ↑P | P | 07 59 16.1 +0.9 |
| R21A | Gimron | 70.79 328 ↑P | P | 07 59 15.9 +0.6 |
| GLA | Glamis | 70.83 320 ↑P | P | 07 59 15.7 +0.1 |
| W15A | Williams | 70.86 323 ↑P | P | 07 59 16.5 +0.8 |
| Q22A | Crested Butte, | 70.87 329 ↑P | P | 07 59 16.2 +0.5 |
| U16A | Tube City | 70.94 324 ↑P | P | 07 59 16.7 +0.5 |
| ISCO | Idaho Springs | 71.00 330 eP | P | 07 59 16.5 0.0 |
| ISCO | | | | 07 59 46.1 0.0 |
| ISCO | | | | 07 59 16.8 +0.1 |
| T18A | Mexican Hat | 71.02 326 ↑P | P | 07 59 17.4 +0.7 |
| U17A | Shonto | 71.03 325 ↑P | P | 07 59 17.7 +0.8 |
| R20A | Redvale | 71.06 327 ↑P | P | 07 59 17.4 +0.3 |
| S19A | Harvey Farm, M | 71.10 327 ↑P | P | 07 59 17.8 +0.6 |
| PV01 | Paradox Valley | 71.11 327 eP | P | 07 59 47.9 +1.0 |
| PV01 | | | | 07 59 17.9 +0.5 |
| SMCO | Snowmass | 71.14 329 eP | P | 07 59 47.3 +0.2 |
| SMCO | | | | 07 59 18.0 +0.5 |
| Q21A | Lamborn Mesa, | 71.17 328 ↑P | P | 07 59 18.9 +0.6 |
| V15A | Kaibab Nationa | 71.27 323 ↑P | P | 07 59 18.8 +0.2 |
| X13A | Yucca | 71.33 321 ↑P | P | 07 59 18.9 +0.2 |
| DVTC | Desert V Tower | 71.33 319 ↑P | P | 07 59 18.7 0.0 |
| SW5A | Sam W. Stewart | 71.34 322 ↑P | P | 07 59 19.4 +0.7 |
| W14A | Selgman | 71.40 325 ↑P | P | 07 59 19.8 +0.8 |
| T17A | Navajo Res., N | 71.47 330 ↑P | P | 07 59 19.9 +0.6 |
| O23A | Lake Granby, G | 71.48 327 eP | P | 07 59 20.0 +0.5 |
| PV04 | Paradox Valley | 71.50 326 ↑P | P | 07 59 20.3 +0.7 |
| S18A | Hurst Farm, BI | 71.50 326 ↑P | P | 07 59 19.6 -0.1 |
| PV10 | Paradox Valley | 71.53 327 eP | P | 07 59 19.6 -0.1 |

| | | | | |
|------|----------------|--------------|---|-----------------|
| R19A | Curley Farm, L | 71.58 327 ↑P | P | 07 59 20.1 0.0 |
| Q20A | Ridgley Place, | 71.61 328 ↑P | P | 07 59 20.1 -0.1 |
| BC3 | Big Chuckawall | 71.62 320 ↑P | P | 07 59 20.5 +0.1 |
| V14A | Boquillas Ranc | 71.66 323 ↑P | P | 07 59 21.3 +0.7 |
| MONP | Monument Peak | 71.68 319 ↑P | P | 07 59 20.8 0.0 |
| W13A | Hualapai Mount | 71.72 322 ↑P | P | 07 59 21.4 +0.5 |
| O22A | Kremling | 71.72 330 ↑P | P | 07 59 21.0 +0.1 |
| U15A | North Rim | 71.78 324 ↑P | P | 07 59 22.3 +1.0 |
| IRM | Iron Mountain | 71.79 320 ↑P | P | 07 59 21.7 +0.3 |
| S17A | Black Ridge (B | 71.88 325 ↑P | P | 07 59 22.3 +0.5 |
| R18A | Canyonlands Na | 71.97 327 ↑P | P | 07 59 22.5 +0.1 |
| N23A | Red Feather La | 72.07 331 ↑P | P | 07 59 23.1 +0.5 |
| P20A | De Beque | 72.08 328 ↑P | P | 07 59 23.3 +0.4 |
| Q19A | Hogan Spring (| 72.09 327 ↑P | P | 07 59 23.4 +0.3 |
| BELC | Belle Mtn. Jos | 72.19 320 ↑P | P | 07 59 23.6 -0.2 |
| N22A | Wattenberg Ran | 72.19 330 ↑P | P | 07 59 24.3 +0.7 |
| PFO | Pinyon Flat Ob | 72.19 319 ↑P | P | 07 59 23.8 -0.1 |
| O21A | Pagoda | 72.20 329 ↑P | P | 07 59 24.6 +0.9 |
| T15A | Red Dirt Ranch | 72.27 324 ↑P | P | 07 59 25.0 +0.8 |
| U14A | Mt Trumbull | 72.27 323 ↑P | P | 07 59 25.0 +0.9 |
| V13A | Grand Canyon W | 72.31 322 ↑P | P | 07 59 24.9 +0.5 |
| S16A | Weppner Ranch, | 72.36 325 ↑P | P | 07 59 24.9 +0.2 |
| R17A | Hanksville Air | 72.42 326 ↑P | P | 07 59 25.4 +0.3 |
| W12A | Cal Nev Ari | 72.43 321 ↑P | P | 07 59 25.3 +0.2 |
| P19A | Cripple Cowboy | 72.47 328 ↑P | P | 07 59 25.8 +0.5 |
| O20A | White River Ci | 72.50 329 ↑P | P | 07 59 25.8 +0.3 |
| GMRC | Granite Mounta | 72.53 320 ↑P | P | 07 59 26.2 +0.5 |
| Q18A | Rafter H Ranch | 72.64 327 ↑P | P | 07 59 26.5 +0.1 |
| MURC | Murrieta | 72.64 319 ↑P | P | 07 59 26.3 -0.2 |
| N21A | Black Mountain | 72.65 330 ↑P | P | 07 59 27.3 +0.9 |
| T14A | Hurricane | 72.68 324 ↑P | P | 07 59 27.3 +0.7 |
| V12A | Nelson | 72.72 322 ↑P | P | 07 59 27.0 +0.1 |
| R16A | Teasdale | 72.72 326 ↑P | P | 07 59 27.2 +0.4 |
| S15A | Panich | 72.74 325 ↑P | P | 07 59 27.5 +0.6 |
| SRU | San Rafael | 72.84 327 ↑P | P | 07 59 27.8 +0.3 |
| SRU | | | | 07 59 27.6 +0.1 |
| SRU | | | | 07 59 56.1 -1 |

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like RSSD, N18A, TBI, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like MLCAC, P10A, TPAW, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like B18A, F13A, E14A, etc.

25d 7h

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Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MAW, EAD, G04A, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BIElsa, EPF, CSOR, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like TIXI, ABKAR, PETK, etc.

ISK 25 07:58:37.8, 37.02'N-29.17'E, h6km, MD2.9
ISCJB 25 07:58:38.0, 37.02'N-29.17'E, h0km, MD2.9
CSEM 25 07:58:38.0, 37.02'N-29.17'E, h7km, MD2.9, Error
ellip: s-maj=1.7km s-min=1.3km az=24.0
DDA 25 07:58:39.0, 37.03'N-29.22'E, h7km, MD2.8
ISC 25 07:58:39.0, 36.96'N-29.04'E, h9km, MD2.9, Error
n22, e0730, Turkey
Code Station Name Az AzZ Phase ID Time Res
GLHS Ghlisar (BURDU) 0.31 57 ePg Op ID h m s ISC 07 58 43.6 -1.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GLHS, ELL, DNZL, YER, AKAS, etc.

IDC 25 08:07:50.1±3.1, 2.09N-96.08E, h0km, mb3.6/4, mb1 3.7/5, mb1mx3.5/22, mbtmp3.5/5, ML4.4/1, Error ellipse: s-maj=117.6km s-min=26.9km az=63.0, Northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMAR, ASAR, MKAR, SONM, ZALV, etc.

IDC 25 08:17:05.2±1.9, 13.65N-92.90E, h0km, mb3.7/6, mb1 3.8/6, mb1mx3.5/23, mbtmp3.7/6, Error ellipse: s-maj=87.5km s-min=20.2km az=62.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMAR, MKAR, SONM, ZALV, WRA, ASAR, ARCES, etc.

CASC 25 08:34:33.1±1.6, 8.52N-83.05W, h4km, MD3.6, 2C-3D, Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ACR, BRUZ, BRU, BRU, BAR1, CNI, BUS, URSC, LAJ, PRS1, CGA2, etc.

NIED 25 08:59:00.39±60N, 142.10E, h2km, Mw3.9 Best double couple: M7.16000, 1014 NP1, 211.00000, 886.00000, lambda=120.00000, NP2, 114.00000, delta30.00000, lambda=8.00000.

ISCJB 25 08:59:23.9±0.6, 39.63N, 103.142E, h10km, mb3.6/4, mb3.7/6, Error ellipse: s-maj=10.2km s-min=5.3km az=6.9

MOS 25 08:59:24.7±0.7, 39.65N, 142.18E, h74km, mb4.1/4, Error ellipse: s-maj=23.6km s-min=12.1km az=75.6

JMA 25 08:59:24.9, 39.63N, 142.11E, h48km, i1km, M3.7 JMA Fe II J1.

IDC 25 08:59:24.8±1.5, 39.65N, 142.07E, h49km, mb3.5/6, mb1 3.6/6, mb1mx3.4/24, mbtmp3.8/9, Error ellipse: s-maj=17.3km s-min=17.3km az=73.0

NEIC 25 08:59:24.9, 39.63N, 142.11E, h48km, MG3.9(JMA), After JMA.

NEIC Recorded [2 JMA] in Iwate and [1 JMA] in Aomori. ISC 25 08:59:25.1±0.6, 39.62N, 142.09E, h49km, 5km, h50km, 4.1km, p-P, n32, 0.677/46, mb3.7/6, 2C-7D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MIYV, JTH, OFUJ, JOM, JKZ, JANG, JANG, JMK, JAH, JAH, JIO, JTM, ERM, MAJO, MAT, MJAR, MJAR, etc.

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

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

ASAR Alice Springs 63.42 188 P P 09 09 48.6 -0.9

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

TIR 25 09:12:51.6±3.2, 41.49N, 20.23E, h3km, 971km, ML2.2

ISCJB 25 09:12:53.7±0.5, 41.48N, 20.03E, 16E, 0.04, h1km, 7km, Error ellipse: s-maj=6.0km s-min=2.6km az=137.7

CSEM 25 09:12:54.6±0.4, 41.43N, 19.99E, h2km, ML2.2, Error ellipse: s-maj=10.0km s-min=5.2km az=60.0

SKO 25 09:12:55.2±1.4, 48N, 20.2E, h9km, M2.0, ML2.5, PDG 25 09:12:57.0±0.2, 41.53N, 19.93E, h0km, 11km, ML2.3/10, Error ellipse: s-maj=0.9km s-min=1.2km az=0.0

ISC 25 09:12:54.7±0.4, 41.47N, 20.03E, 18E, 0.04, h9km, 6km, n31, 0.151/62, 17C-4D, Albania

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

ULC Ulcinj 0.85 306 I/Pg P 09 13 09.4 -1.6

SKO Skopje 1.07 62 ePg P 09 13 15.0 -0.2

PVY Plav 1.13 352 I/Pg P 09 13 17.4 +1.0

PDG Podgorica 1.17 325 I/Pg P 09 13 32.7 +0.2

TTG Podgorica 1.17 325 I/Pg P 09 13 32.7 +0.2

BUM Brajici-Budva 1.26 311 I/Pg P 09 13 34.7 -0.6

BUM Brajici-Budva 1.26 311 I/Pg P 09 13 34.7 -0.6

BEY Berane 1.41 352 I/Pg P 09 13 21.7 -0.1

IVA Berane 1.41 352 I/Pg P 09 13 21.7 -0.1

HCV Herceg Novi 1.58 308 I/Pg P 09 13 22.9 -0.1

HCY Herceg Novi 1.58 308 I/Pg P 09 13 22.9 -0.1

SRN Sarande 1.60 185 ePg P 09 13 27.8 +2.5

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

ISK 25 10:04:13.6, 36.97N, 29.20E, h8km, MD3.0

CSEM 25 10:04:14.8±0.3, 36.98N, 29.22E, h8km, MD3.0, Error ellipse: s-maj=6.5km s-min=4.9km az=8.0

ISCJB 25 10:04:15.1±0.5, 36.97N, 29.24E, 0.03, h10km, Error ellipse: s-maj=5.0km s-min=3.7km az=4.8

DDA 25 10:04:15.7, 37.02N, 29.22E, h7km, 4km, MD2.9

ISC 25 10:04:15.0±0.6, 36.96N, 29.21E, 0.04, h5km, 7km, n28, 0.894/50, Turkey

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

DJA 25 10:08:24.0, 0.06N, 123.08E, h124km, MLV3.8/3, Minahassa Peninsula, Sulawesi

LUWI Luwuk 1.14 196 P P 10 08 46.7 -1.1

MRSI Marisa 1.21 290 P P 10 08 48.9 +0.4

APSI Ampana 1.73 236 P S 10 08 55.0 +0.7

CASC 25 10:34:16.9±2.3, 13.91N, 91.01W, h45km, 60km, MD3.8, 2C-3D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FUG, PCG, TP2, TP2, NBG, RBDL, RTR, RTR, SBL, SBL, SBL, BOQS, MRL, SNET, LFRS, LFRS, LFRS, SNVI, CAHU, CGNH, TGUH, CNCH, MOPM, CSAN, etc.

IDC 25 10:56:58.3±14.0, 4.36S, 151.86E, h131km, 126km, mb3.5/7, mb1mx3.5/17, mbtmp3.5/7, Error ellipse: s-maj=48.8km s-min=37.3km az=118.0

ISCJB 25 10:57:02.5±3.2, 5.05S, 151.7E, 0.2, h179km, 29km, mb3.6/8, Error ellipse: s-maj=48.0km s-min=25.1km az=41.5

NEIC 25 10:57:03.1±2.4, 5.01S, 151.76E, h174km, 21km, mb4.2/1, Error ellipse: s-maj=32.5km s-min=17.6km az=128.0

ISC 25 10:57:03.0±3.0, 5.05S, 151.8E, 0.2, h171km, 27km, n11, 0.67/11, mb3.8, New Britain region

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

ISC 25 12:13:08.5-1.7, 28.20S:0102.7095W,0.06,h27km,12km, m630, c058/593, mb5.0/104, MS4.4/14, 197C-197D, Central Chile

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like Las Campanas, Tololo Astrono, Ovalle, Combarbala, Los Morros, Peldehue, Pircue, Talagante, El Canelo, La Paz, Villa Florida, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like Clayton Basin, French Village, French Village, Cornudas Mt, Tatum, Cap Rock, Ganser Driv, Cathedral Cave, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like Canyon Day Jun, Tiarei, Lamto, Papeete, San Miguel Ran, Peralta Trail, Ramah, Toundou, Dimbokro, Snowflake, Black Gap (USA), etc.

Table with columns: STA, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ILAR Eielson Array, MAW Mawson, NVAR Milna Array, etc.

IDC 25 12:33:36.5+1.4, 24.05N, 143.22E, h0km, mb3.7/5, mb1 3.8/6, mb1mx3.5/22, mbtmp3.7/6, ML3.4/1, Error ellipse: s-maj=53.0km s-min=26.3km az=85.0, Volcano Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBIJ Chichi jima, ASAR Alice Springs, MKAR Makanchi Array, etc.

IDC 25 12:36:56.0+0.8, 15.75S, 172.92W, h0km, mb4.2/10, mb1 4.4/10, mb1mx4.3/18, mbtmp4.2/10, MS3.6/2, Ms1 3.6/2, ms1mx3.3/17, Error ellipse: s-maj=42.4km s-min=18.7km az=133.0

NEIC 25 12:36:57.8+0.6, 15.57S, 173.02W, h10km, mb4.6/7, Error ellipse: s-maj=29.6km s-min=12.5km az=140.0

ISCJB 25 12:36:59.0+0.5, 15.65S, 173.2W, 0.1, h33km, mb4.3/17, Error ellipse: s-maj=29.6km s-min=11.6km az=141.5

ISC 25 12:37:01.8+0.5, 15.75S, 173.0W, 0.1, h35km, n24, c075/27, mb4.3/17, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AFI Afanmou, AFI Afimalu, AFI Ararotonga, etc.

ISCJB 25 12:47:53.0+0.9, 37.13N, 0.04, 37.56E, 0.05, h3km, 7km, Error ellipse: s-maj=8.6km s-min=5.4km az=140.7

CSEM 25 12:47:53.0+0.3, 37.16N, 37.54E, h5km, MD2.9, Error ellipse: s-maj=6.8km s-min=4.4km az=161.0

ISC 25 12:47:54.1+0.8, 37.15N, 0.04, 37.54E, 0.05, h10km, 7km, n18, c098/29, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GZT Gaziantep, MAW Mawson, YKA Yellowstone Ar, etc.

Table with columns: MYA Malataya, KOZT Kozan, DARE Darende-Malatya. Includes station names, coordinates, and time/res/ISC values.

ISCJB 25 13:13:23.9+0.8, 37.70N, 0.03, 34.47E, 0.09, h3km, 21km, Error ellipse: s-maj=12.1km s-min=5.4km az=169.5

DDA 25 13:13:23.8, 37.62N, 34.34E, h7km, 2km, MD2.8, Error ellipse: s-maj=9.2km s-min=5.3km az=61.0

ISC 25 13:13:24.7+0.7, 37.69N, 0.03, 34.47E, 0.09, h8km, 18km, n12, c082/20, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GULE Gulek, KARA Karaisali, MERS Mersin, etc.

IDC 25 13:38:19.9+2.1, 13.54S, 167.59E, h0km, mb4.1/6, mb1 4.3/6, mb1mx3.9/18, mbtmp4.1/6, Error ellipse: s-maj=71.5km s-min=33.9km az=133.0

NEIC 25 13:38:28.9+1.6, 13.03S, 166.89E, h35km, mb3.9/2, Error ellipse: s-maj=34.6km s-min=20.3km az=87.0

ISCJB 25 13:38:29.2+0.2, 13.25S, 0.1, 166.6E, 0.3, h33km, mb3.9/8, Error ellipse: s-maj=40.3km s-min=19.0km az=165.3

ISC 25 13:38:31.2+0.2, 13.15S, 0.1, 166.6E, 0.3, h35km, n11, c074/10, mb3.9/9, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, ARMA Armatadale, STKA Stephens Creek, etc.

IDC 25 13:39:51.3+0.6, 32.78N, 105.65E, h0km, mb4.2/19, mb1 4.3/22, mb1mx4.2/29, mbtmp4.2/22, ML3.7/3, MS3.4/5, Ms1 3.4/5, ms1mx3.0/27, Error ellipse: s-maj=16.7km s-min=13.5km az=38.0

ISCJB 25 13:39:51.2+0.2, 32.79N, 105.64E, 0.03, h10km, mb4.5/65, MS3.7/7, Error ellipse: s-maj=3.4km s-min=3.1km az=25.3

BUI 25 13:39:51.5, 32.76N, 105.65E, h10km, mb4.6/18, mb4.4/27, ML4.3/22, Ms4.0/30, Ms7 3.8/31

NEIC 25 13:39:53.0+0.2, 32.76N, 105.52E, h10km, mb4.5/30, Error ellipse: s-maj=5.3km s-min=4.5km az=167.0

SZGRF 25 13:40:19.4, 37.21N, 104.82E, h33km, mb4.8, Western Nal Mongol, China

ISC 25 13:39:53.1+0.2, 32.76N, 105.60E, 0.03, h10km, n157, c1500/179, mb4.5/65, MS3.7/7, 6C-4D, Sichuan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CD2 Chengdu, XAN Xi'an, XAN Lanzhou, etc.

ENSH Enshi, Error ellipse: s-maj=11.1km s-min=8.1km az=112.2

GUI Guiyang, Error ellipse: s-maj=11.1km s-min=8.1km az=112.2

WUH Wuhan, Error ellipse: s-maj=11.1km s-min=8.1km az=112.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WHN Whan, KMI Kunming, GAT Gaotai, etc.

Table with columns: comp=N, 500nm, 8.0s, STA, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BTO Baotou, HHC Hu-ho-hao-te, etc.

ISCJB 25 13:42:19.9+0.8, 37.70N, 0.03, 34.47E, 0.09, h3km, 21km, Error ellipse: s-maj=12.1km s-min=5.4km az=169.5

DDA 25 13:42:19.9, 37.62N, 34.34E, h7km, 2km, MD2.8, Error ellipse: s-maj=9.2km s-min=5.3km az=61.0

ISC 25 13:42:20.7+0.7, 37.69N, 0.03, 34.47E, 0.09, h8km, 18km, n12, c082/20, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GULE Gulek, KARA Karaisali, MERS Mersin, etc.

IDC 25 13:38:19.9+2.1, 13.54S, 167.59E, h0km, mb4.1/6, mb1 4.3/6, mb1mx3.9/18, mbtmp4.1/6, Error ellipse: s-maj=71.5km s-min=33.9km az=133.0

NEIC 25 13:38:28.9+1.6, 13.03S, 166.89E, h35km, mb3.9/2, Error ellipse: s-maj=34.6km s-min=20.3km az=87.0

ISCJB 25 13:38:29.2+0.2, 13.25S, 0.1, 166.6E, 0.3, h33km, mb3.9/8, Error ellipse: s-maj=40.3km s-min=19.0km az=165.3

ISC 25 13:38:31.2+0.2, 13.15S, 0.1, 166.6E, 0.3, h35km, n11, c074/10, mb3.9/9, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, ARMA Armatadale, STKA Stephens Creek, etc.

IDC 25 13:39:51.3+0.6, 32.78N, 105.65E, h0km, mb4.2/19, mb1 4.3/22, mb1mx4.2/29, mbtmp4.2/22, ML3.7/3, MS3.4/5, Ms1 3.4/5, ms1mx3.0/27, Error ellipse: s-maj=16.7km s-min=13.5km az=38.0

ISCJB 25 13:39:51.2+0.2, 32.79N, 105.64E, 0.03, h10km, mb4.5/65, MS3.7/7, Error ellipse: s-maj=3.4km s-min=3.1km az=25.3

BUI 25 13:39:51.5, 32.76N, 105.65E, h10km, mb4.6/18, mb4.4/27, ML4.3/22, Ms4.0/30, Ms7 3.8/31

NEIC 25 13:39:53.0+0.2, 32.76N, 105.52E, h10km, mb4.5/30, Error ellipse: s-maj=5.3km s-min=4.5km az=167.0

SZGRF 25 13:40:19.4, 37.21N, 104.82E, h33km, mb4.8, Western Nal Mongol, China

ISC 25 13:39:53.1+0.2, 32.76N, 105.60E, 0.03, h10km, n157, c1500/179, mb4.5/65, MS3.7/7, 6C-4D, Sichuan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CD2 Chengdu, XAN Xi'an, XAN Lanzhou, etc.

ENSH Enshi, Error ellipse: s-maj=11.1km s-min=8.1km az=112.2

GUI Guiyang, Error ellipse: s-maj=11.1km s-min=8.1km az=112.2

WUH Wuhan, Error ellipse: s-maj=11.1km s-min=8.1km az=112.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WHN Whan, KMI Kunming, GAT Gaotai, etc.

Table with columns: STA, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BTO Baotou, HHC Hu-ho-hao-te, etc.

25d 14h

Table with columns for station code, name, and various parameters like frequency, power, and coordinates. Includes stations like MDJ, MK31, KSH, KURK, etc.

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Table with columns for station code, name, and various parameters. Includes stations like FINES, BRTR, BRTR, VSU, AKASG, WRAB, etc.

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Table with columns for station code, name, and various parameters. Includes stations like THL, THL, THL, EVR, EVR, etc.

Table with columns: POWZ, MRZ, TIWZ, etc. Station Name, Az, Op, Phase ID, Time, Res. Includes stations like Mangatainoka R, Tintock, etc.

NEIC 25 15:10:28.6, 31.755S:71.87W, h25km, ML3.5(GUC), After GUC.

GUC 25 15:10:28.6, 0.8, 31.755S:71.87W, h25km, 4km, MD3.9, ML3.5, 4C-2D, Near coast of central Chile

Table with columns: CHNG, CMCH, OVCH, etc. Station Name, Az, Op, Phase ID, Time, Res. Includes stations like Los Chungos, Combarbala, Ovalle, etc.

ISK 25 15:18:40.8, 37.18N:28.24E, h14km, MD2.6

ISCJB 25 15:18:41.3, 0.5, 37.12N:0.04:28.24E:0.03, h10km, 4km, Error ellipse: s-maj=6.2km s-min=4.6km az=6.5

DDA 25 15:18:41.2, 37.13N:28.21E, h7km, 5km, MD3.0

CSEM 25 15:18:41.4, 0.2, 37.12N:28.24E, h10km, MD2.6, Error ellipse: s-maj=2.8km s-min=2.8km az=165.0

ISC 25 15:18:42.0, 0.6, 37.13N:0.04:28.24E:0.03, h8km, 6km, n18, e1301/34, Turkey

Table with columns: YER, TURN, MLSB, etc. Station Name, Az, Op, Phase ID, Time, Res. Includes stations like Yerkelik, Turunc, Milas, etc.

ISCJB 25 15:27:12.2, 0.8, 19.365S:0.07:172.6W:0.1, h33km, mb3.8/6, Error ellipse: s-maj=16.8km s-min=9.3km az=17.2

IDC 25 15:27:13.1, 1.4, 19.335S:173.25W, h5km, mb3.7/5, mb1.4/0.6, mb1mx3.8/1.7, mbtrmp3.8/6, ML1.8/1.9, Error ellipse: s-maj=55.5km s-min=23.1km az=129.0

NEIC 25 15:27:14.7, 0.7, 19.385S:172.83W, h35km, mb4.0/2, Error ellipse: s-maj=16.6km s-min=13.5km az=140.0

ISC 25 15:27:14.8, 0.7, 19.375S:0.07:172.6W:0.1, h35km, n10, e97/12, mb3.8/6, Tonga Islands region

Table with columns: AFI, AFI, AFI. Station Name, Az, Op, Phase ID, Time, Res. Includes station Afiamalu.

Table with columns: AFI, RAR, STKA, ASAR, WRAB, GSPA, ILAR. Station Name, Az, Op, Phase ID, Time, Res. Includes stations Afiamalu, Rarotonga, etc.

WEL 25 15:40:11.0, 0.6, 36.915S:176.96E, h208km, 6km, ML3.5/5, Error ellipse: s-maj=7.5km s-min=6.1km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations Matakaoa Point, Urewera, etc.

NEIC 25 15:42:08.8, 31.745S:71.91W, h25km, ML3.5(GUC), After GUC.

GUC 25 15:42:08.8, 0.8, 31.745S:71.91W, h23km, 5km, MD3.7, ML3.5, 4C-3D, Near coast of central Chile

Table with columns: CHNG, CMCH, OVCH, etc. Station Name, Az, Op, Phase ID, Time, Res. Includes stations Los Chungos, Combarbala, Ovalle, etc.

ISCJB 25 15:47:46.8, 0.6, 37.49N:0.04:35.12E:0.05, h10km, Error ellipse: s-maj=6.0km s-min=4.8km az=41.7

DDA 25 15:47:46.3, 0.7, 37.54N:35.08E, h7km, 6km, MD3.0

ISK 25 15:47:46.8, 0.7, 37.15N:35.29E, h9km, ML2.2

CSEM 25 15:47:46.4, 0.3, 37.52N:35.05E, h10km, ML2.2, Error ellipse: s-maj=8.2km s-min=7.0km az=114.0

ISC 25 15:47:46.9, 0.6, 37.53N:0.04:35.09E:0.05, h5km, 11km, n15, e103/25, Turkey

Table with columns: KARA, KARA, GULE, etc. Station Name, Az, Op, Phase ID, Time, Res. Includes stations Karaisali, Gulek, etc.

ISCJB 25 16:26:27.0, 0.5, 59.75S:0.1:30.1W:0.2, h10km, mb4.7/15, MS4.3/10, Error ellipse: s-maj=15.5km s-min=12.4km az=36.4

IDC 25 16:26:27.4, 0.7, 59.64S:30.14W, h0km, mb4.1/10, mb1.4/4.10, mb1mx4.4/1.4, mbtmp4.4/10, MS4.3/10, Ms1.4/3.10, mb1mx4.2/12, Error ellipse: s-maj=24.2km s-min=18.6km az=45.0

GCMT 25 16:26:31.8, 0.3, 59.90S:29.99W, h26km, 1km, MW5.1, Moment Tensor Solution, z23, c28, s71, c98; Moment tensor: Scale 10^18Nm; M=1.1, 10; 2.3; M=3.4, 4.2; 1.9; M=4.5, 2.1; 2.1; M=0.05; 3.6; M=2.2, 2.4; 1.4; M=2.1, 3.6; Best double couple: Mo: 4.900000; 1016; NP: 1.300000; 1.690000; 0.000000; 1.300000; NP2: 0.320000; 0.870000; 1.159000; 0.000000; Principal axes: T: 5.7400; P: 17.0000; N: 4.2284; 0.0000; N: -1.5900; P: 6.9000; Az: 113.0000; P: -4.1400; P: 13.0000; Az: 18.0000; Data Used: II IC GI U CN

NEIC 25 16:26:32.6, 0.4, 59.68S:30.21W, h35km, mb5.0/8, Error ellipse: s-maj=15.6km s-min=13.0km az=208.0

ISC 25 16:26:29.1, 0.5, 59.73S:0.09:30.1W:0.2, h10km, n36, c1513/21, mb4.7/15, MS4.3/10, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations Maitri, Usha, etc.

ISCJB 25 16:26:38.0, 0.5, 38.29N:0.04:21.91E:0.03, h9km, 4km, Error ellipse: s-maj=6.0km s-min=4.1km az=5.4

CSEM 25 16:26:38.0, 0.1, 38.29N:21.91E, h5km, ML2.5/6, Error ellipse: s-maj=2.8km s-min=1.9km az=178.0

THE 25 16:26:38.2, 38.29N:21.90E, h9km, ML2.4/6, Error ellipse: s-maj=0.7km s-min=0.2km az=351.0

ATH 25 16:26:38.1, 38.31N:21.90E, h10km, 1km, MD2.6/5

ISC 25 16:26:38.5, 0.6, 38.29N:0.04:21.91E:0.03, h8km, 5km, n28, e94/49, Greece

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

IPCC 25 17:11:05.4, 0.3, 51.65N:16.08E, h0km, 1km, ML2.5/4, Error ellipse: s-maj=2.1km s-min=1.5km az=34.0

NEIC 25 17:11:06.0, 0.2, 51.63N:16.07E, h5km, ML2.8(SZGRF), Error ellipse: s-maj=26.9km s-min=10.6km az=214.0

ISCJB 25 17:11:06.3, 0.7, 51.48N:0.03:15.95E:0.04, h0km, Error ellipse: s-maj=5.2km s-min=2.7km az=23.5

CSEM 25 17:11:06.1, 0.2, 51.58N:16.01E, h2km, ML3.3/10, Error ellipse: s-maj=4.8km s-min=3.1km az=39.0

25d 19h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PRU 25 17:11:07.2, 51:55N, 16:00E, h0km, WAR 25 17:11:07.4, 51:58N, 15:99E, ML2, 8, Mining Induced, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SKO 25 17:27:30.4, 41:20N, 23:14E, h15km, M1.4, ML1.8, etc.

2008 JUL

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SOH Sokhos, Valandovo, Valandovo, etc.

BUI 25 18:09:36.9, 23:00N, 94:50E, h77km, mB4,8, mb4,3/8, ISCBJ 25 18:09:37.6, 0.7, 22:85N, 0:06:94, 15E:0.05, h98km, 6km, mb4,1/26, Error ellipse: s-maj=11.3km s-min=5.0km

NEIC 25 18:09:39.0, 4.2, 22:90N, 94:42E, h104km, 4km, mb4,2/15, Error ellipse: s-maj=11.3km s-min=4.0km az=224.0, ISC 25 18:09:39.0, 0.6, 22:83N, 0:06:94, 16E:0.05, h92km, 6km, n50, c137/65, mb4,1/26, Myanmar

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IMP Imphal, AGT Agartala, SHL Shillong, CHM Chiang Mai, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BRVK Borovoye, ABKAR Abkarak array, ARU Arta, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MAN 25 18:32:08, 11:26N, 125:95E, h3km, mb4.7, ML3.6, MS3.6, Samar

ISC 25 18:35:57.3, 3.5, 17:04S, 179:15W, h522km, 36km, mb3.3/4, mbl 3.6/4, mbl 3.6/4, mltmp3.2/4, Error ellipse: s-maj=153.7km s-min=22.4km az=152.0, Fiji

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, ASAR Alice Springs, etc.

JMA 25 18:43:07.9, 0.6, 32:06N, 138:26E, h369km, M3.0, IDC 25 18:43:13.8, 7.2, 32:69N, 138:20E, h368km, 42km, mb2.8/1, mbl 2.7/3, mltmx2.4/23, mltmp2.6/3, Error ellipse: s-maj=101.5km s-min=67.8km az=158.0

ISC 25 18:43:12.9, 1.3, 32:69N, 138:20E, h368km, 42km, mb2.8/1, mbl 2.7/3, mltmx2.4/23, mltmp2.6/3, Error ellipse: s-maj=101.5km s-min=67.8km az=158.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JIE Ise, JWY Kouya, JO2 Odawara, etc.

ISK 25 19:10:17.8, 37:00N, 29:17E, h12km, MD2.7, ISCBJ 25 19:10:18.4, 0.7, 36:97N, 0:04:29, 18E:0.04, h10km, Error ellipse: s-maj=6.0km s-min=4.2km az=25.9

CSEM 25 19:10:18.4, 0.2, 36:99N, 29:19E, h8km, MD2.7, Error ellipse: s-maj=5.1km s-min=3.6km az=33.0, DDA 25 19:10:19.2, 37:05N, 29:15E, h7km, 7km, Md3.0, ISC 25 19:10:18.6, 0.7, 36:98N, 0:04:29, 15E:0.04, h6km, 8km, n25, c0578/37, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GLHS Gilhisar (BURDU), AKAS Kas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like PRU Pruhonice, MORC Moravsky Berou, etc.

MAN 25 20:57:14, 5.85N;124.52E, h32km, mb4.0, ML2.8, MS2.5, 1C, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like GSPH General Santos, BUYP Musuan, etc.

ISK 25 21:00:46.6, 35.95N;27.24E, h18km, MD3.1
NEIC 25 21:00:46.7, 35.97N;27.35E, h24km, MD3.3(ATH), After ATH.

ATH 25 21:00:46.7, 35.97N;27.35E, h24km, 3km, MD3.3/7
CSEM 25 21:00:46.8, 0.3, 36.02N;27.25E, h2km, MD3.3, Error ellipse: s-maj=7.5km, s-min=2km, az=142.0

ISCJB 25 21:00:47.1, 0.6, 35.98N;103.2730E;0.04, h8km, 4km, Error ellipse: s-maj=5.4km, s-min=3.6km, az=38.6

DDA 25 21:00:50.7, 36.15N;27.68E, h7km, 7km, MD3.0
ISC 25 21:00:47.8, 0.6, 35.97N;103.2731E;0.04, h10km, 4km, n42, c097/73, Dodecanese Islands

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

Table with columns: IDI, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like GLHS Gilhisar, GOLH Golhisar, etc.

CASC 25 21:10:21.1, 1.0, 12.88N;88.63W, h45km, 21km, MD3.7, ML3.3, 1D, Off coast of central America

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like YSM San Miguel, BLLM Bellamira, etc.

NEIC 25 21:19:08.4, 31.76S;71.91W, h20km, ML3.6(GUC), After GUC.

GUC 25 21:19:08.4, 0.8, 31.76S;71.91W, h20km, 6km, MD3.9, ML3.6, 7C-5D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like CHNG Los Chungos, CMCH Combarbala, etc.

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

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

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

ISC 25 21:25:49.5, 1.2, 30.59N;103.03E, h0km, mb3.5/6, mb1.3, 6/7, mb1mx3.4/20, mbtmp3.5/7, ML3.4/1, Error ellipse: s-maj=82.7km, s-min=22.4km, az=59.0

ISCJB 25 21:25:51.9, 1.1, 31.22N;103.32E;0.06, h5km, 7km, mb3.6/9, Error ellipse: s-maj=9.0km, s-min=7.0km

NEIC 25 21:25:51.1, 0.9, 30.59N;103.10E, h10km, mb3.7/2, Error ellipse: s-maj=27.3km, s-min=15.3km, az=61.0

BUI 25 21:25:53.1, 0.3, 30.67N;103.40E, h13km, ML3.6/14, Ms3.0/1, Ms7.2/6/1

ISC 25 21:25:53.5, 1.2, 31.08N;103.05;103.27E;0.06, h9km, 8km, n20, c193/26, mb3.6/9, 2C, Sichuan

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like SONM Sogino Array, MK31 Makanchi Array, etc.

IDC 25 21:27:37.8, 0.9, 30.81N;103.15E, h0km, mb3.9/12, mb1.4, 0/14, mb1mx3.8/23, mbtmp3.8/14, ML3.5/2, Error ellipse: s-maj=29.4km, s-min=19.5km, az=56.0

NEIC 25 21:27:39.4, 0.4, 30.80N;103.29E, h10km, mb3.9, Error ellipse: s-maj=13.3km, s-min=7.9km, az=75.0

ISCJB 25 21:27:40.3, 1.0, 30.72N;103.29E;0.06, h33km, 7km, mb3.9/17, Error ellipse: s-maj=11.8km, s-min=9.6km, az=18.6

MOS 25 21:27:40.5, 1.0, 30.73N;103.18E, h33km, mb4.2/5, Error ellipse: s-maj=19.4km, s-min=9.3km, az=105.8

BUI 25 21:27:41.3, 30.79N;103.33E, h9km, mb4.7/1, mb4.8/2, ML3.7/10

ISC 25 21:27:40.1, 4.3, 30.73N;103.06;103.22E;0.08, h14km, 9km, n35, c0975/38, mb3.9/17, Sichuan

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like CD2 Chengdu, LZH Lanzhou, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

comp=E,7.1nm,0.3s,baz=135,slow=24,SNR=5.1
KK31
comp=E,11nm,0.3s,baz=134,slow=29,SNR=6.3

ISCJB 25 21:33:39.7,0.6,36.99N,0.03:29.19E,0.03,h8km,5km,
Error ellipse: s-maj=5.4km s-min=4.1km az=20.7
DDA 25 21:33:39.9,37.03N,29.16E,h7km,3km,Md3.1
ISK 25 21:33:39.6,37.00N,29.25E,h17km,Md3.1
CSEM 25 21:33:40.2,0.1,37.01N,29.24E,h15km,Md3.1,Error
ellipse: s-maj=2.2km s-min=1.5km az=19.0
ISC 25 21:33:40.2,0.5,36.99N,0.03:29.20E,0.04,h13km,4km,
n40,c0581/60,Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like GLHS, GOLH, ELL, etc.

ISC 25 21:50:03.3,40.08N,41.44E,h5km,Md2.9
DDA 25 21:50:04.9,40.03N,41.47E,h7km,2km,Md3.0
CSEM 25 21:50:04.8,0.2,40.02N,41.43E,h5km,Md3.0,Error
ellipse: s-maj=5.6km s-min=3.7km az=134.0
ISCJB 25 21:50:05.1,0.7,40.06N,0.03:41.0E,0.05,h4km,7km,
Error ellipse: s-maj=7.5km s-min=4.6km az=37.3
ISC 25 21:50:05.4,0.5,40.04N,0.03:41.41E,0.05,h9km,5km,
n20,c0575/31,Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like ERZM, HOMA, DDEM, etc.

JMA 25 22:07:02.1,0.4,43.98N,148.41E,h0km,M3.5,East of
Kuril Islands
Code Station Name Az Phase ID Time Res
NEM2 Nemuro 2 2.03 253 Op Pn 22 07 38.1 +0.6
NEM2 Nemuro 2 2.03 270 eS S 22 08 04.8 +1.2
JRA Rausu 2.38 270 P S 22 07 43.3 +1.0
JAK Akkeshi 2.88 251 eS S 22 08 26.8 +2.4
JAR Ashorobuto 3.44 260 P S 22 07 59.1 +2.2
JKB Kayabe 5.80 251 P Pn 22 08 31.1 +1.7

NEIC 25 22:29:34.2,36.76N,11:13W,h0km,MN2.8(MDD),After
MDD.
LDG 25 22:29:35.6,0.2,36.67N,11:35W,h30km,Ml2.9/4,Error
ellipse: s-maj=4.1km s-min=3.1km az=31.0
GML 25 22:29:35.9,36.61N,11:27W,h31km,Ml2.4
IDD 25 22:29:35.1,3.36,67N,11:08W,h0km,mb4.2/11,Error
ellipse: s-maj=11.7km s-min=8.8km az=44.0
INMG 25 22:29:36.8,0.9,36.67N,11:26W,h31km,Ml2.2,Error
ellipse: s-maj=4.7km s-min=3.8km az=45.0
CSEM 25 22:29:37.8,0.3,36.66N,11:09W,h30km,Ml3.2/17,Error
ellipse: s-maj=5.9km s-min=4.3km az=41.0
ISC 25 22:29:37.1,0.8,36.32N,0.04:10.95W,0.05,h10km,n160,
c0597/306,3C,Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like PFVI, EGO, EVO, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like PFVI, MORF, PTEO, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like PESTR, PBAR, PTOM, etc.

25d 23h

Table with columns: MVO, Moncorvo, 5.22 35 P, Pn, 22 30 55.1 -0.1, etc. Lists various stations and their coordinates.

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Table with columns: SJPF, ETSF, EPFF, EPFF, etc. Lists stations like Sanghi, General Santos, Manado, Davo City, etc. Includes coordinates and station details.

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Table with columns: UPFR, University Cam, 0.26 54 ePB, Pg, 23 47 44.6 +0.4, etc. Lists stations like Kalithea, Anninata, Gaura, Valsamata, etc. Includes coordinates and station details.

Table with columns: PVAQ, comp=Z, 161nm, 20.0s, eLR, LR, 00 02 52.3, 18.79, 24, eP, Pn, 23 57 32.4 +0.9, etc.

Table with columns: EMAZ, Mazaricos, 23.47, 15, P, P, 23 58 23.1 +1.7, STS, Santiago, 23.52, 16, P, P, 23 58 21.7 -0.2, etc.

Table with columns: GRR, Gorron, 30.81, 21, P, P, 23 59 27.4 0.0, ORIF, Oris-en-Rattie, 30.95, 33, eP, P, 23 59 29.6 +0.8, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ABTA Abfaltersbach, FUR Furstentelbräu, TNS Taunus Mts, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like VOIR Balya, BMLY Muntele Rosu, BURAR Bucovina Array, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BOSA Boshof, BOSA Boshof, SUR Sutherland, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like LOHW Long Hollow, IMW Indian Meadow, TPWV Teton Pass, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ASAR comp=Z,5.0nm,0.6s, etc.

SZGRF 26:00:18.59.4, 20:27S:169.79E, h33km, Vanuatu Islands
LDG 26:00:19.01.0.0.2, 18:76S:168.41E, h10km, Mb4.5/2, Error ellipse: s-maj=21.5km s-min=4.4km az=109.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like BAYA Yate Dam, PLUM Mont Dore, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like STKA Stephens Creek, STKA South Pole Qui, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like TXAR Lajitas Array, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like SOKA Soboth, TNS Taunus Mts, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like HINF Hinterfeld, HAU Haudomper, MEZF Metzfeld, etc.

NEIC 26:00:22:53.4, 20:04'N-63:93'W, h25km, MD3.5(RSPR), After RSPR, RSPR 26:00:22:53.4, 20:04'N-63:93'W, h25km, 26km, MD3.5/4, North Atlantic Ocean

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like TBVI Tortola, STVI Saint Thomas, etc.

ISCJB 26:00:40:02.4, 3.5, 56:00S:0:09:27.6W:0.2, h117km, 34km, mb4.7/17, Error ellipse: s-maj=18.5km s-min=11.6km

LDG 26:00:40:06.7, 1.6, 56:05S:27:65W, h140km, 12km, mb4.4/9, mb1.4/5.9, mb1mx4.3/1.3, mb1mx4.4/3.4, MS3.72, Ms1.3/6.2, ms1mx3.2/1.5, Error ellipse: s-maj=20.3km s-min=13.2km az=49.0

NEIC 26:00:40:07.4, 2.5, 56:02S:27:60W, h151km, 21km, mb4.6/11, Error ellipse: s-maj=12.0km s-min=8.1km az=217.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like VNA1 Neumayer-Stat, MAIT Maitri, TRQA Torquist, etc.

26d 1h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DBIC Dimbokro, OTAV Otavalo, STKA Stephens Creek, etc.

ISCJW 26 00:40:04.7, 0.5, 59.87N, 0.04:153.18W, 0.09, h128km, 5km, Error ellipse: s-maj=7.1km s-min=5.9km az=14.1

IDC 26 00:05:05.0, 2.0, 59.89N, 153.48W, h95km, 33km, mb3.2/1, mb1 3.6/6, mb1mx3.2/24, mbtmp3.4/6, Error ellipse: s-maj=33.2km s-min=16.4km az=112.0

NEIC 26 00:40:07.1, 59.85N, 153.13W, h120km, mb3.8/1, After AEIC

ISC 26 00:40:06.0, 0.5, 59.87N, 0.04:153.19W, 0.08, h120km, 5km, n42, e083/52, Southern Alaska

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like AUL Augustine Lava, RSO Redoubt South, BRK Bradley Lake, etc.

2008 JUL

YKA Yellowknife Ar 18.59 65 P P 00 44 14.4 +1.1

SONM Songoing Array 54.79 306 P P 00 49 23.9 +1.2

NEIC 26 00:46:09.4, 36.64S, 177.30E, h241km, MG4.0(WEL), After WEL

WEL 26 00:46:09.1, 0.4, 36.53S, 177.23E, h231km, 4km, ML4.0/9, Error ellipse: s-maj=5.9km s-min=5.4km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MXZ Matakaoa Point, URZ Urewera, URZ Urewera, etc.

ISCJW 26 00:53:01.6, 0.4, 32.34N, 0.02:115.29W, 0.02, h13km, 3km, Error ellipse: s-maj=3.5km s-min=3.0km az=4.9

ECX 26 00:53:03.0, 5.0, 32.30N, 115.33W, h7km, MD3.6, ML3.8

NEIC 26 00:53:03.0, 5.2, 32.30N, 115.33W, h7km, MD3.6(EMX), ML3.4(PAS), After ECX

ISC 26 00:53:01.9, 0.3, 32.33N, 0.02:115.32W, 0.02, h17km, 2km, n40, e086/65, 21C-23D, California-Baja California border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CPBX Cerro Prieto, EMX El Mayor, EMX El Mayor, etc.

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IRM Iron Mountain 1.83 4 P Pn 00 53 31.8 -0.8

MURC Murrieta 2.02 309 P Pn 00 53 34.5 -0.9

MURC Murrieta 2.02 309 P Pn 00 53 34.5 -0.9

MURC Murrieta 2.02 309 P Pn 00 53 34.5 -0.9

MURC Murrieta 2.02 309 P Pn 00 53 34.5 -0.9

WEL 26 00:56:24.1, 0.6, 36.07S, 177.51E, h294km, 8km, ML3.7/6, Error ellipse: s-maj=12.3km s-min=12.2km 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 PUZ Puketiti, URZ Urewera, MATA Matawai, etc.

NIED 26 01:07:00.37, 60N, 141.90E, h41km, Mw4.1 Best double couple: M1.620000, 1015 NP1.8180000, d69.00000, 1.83.00000, NP2.8218.00000, 822.00000, 1.108.00000

ISCJB 26 01:07:39.2, 0.4, 37.56N, 0.03:142.01E, 0.04, h35km, mb4.3/28, Error ellipse: s-maj=5.4km s-min=4.0km az=136.6

JMA 26 01:07:40.2, 0.1, 37.57N, 141.91E, h36km, 3km, M4.3 JMA Feil J1

MOS 26 01:07:41.3, 0.9, 37.63N, 141.87E, h52km, mb4.7/11, Error ellipse: s-maj=11.6km s-min=6.0km az=11.1

IDC 26 01:07:41.2, 0.9, 37.55N, 141.90E, h35km, 6km, mb3.9/14, mb1 4.0/17, mb1mx3.9/22, mbtmp3.9/17, ML3.9/3, MS3.1/4, M1 3.2/4, ms1mx2.9/22, Error ellipse: s-maj=17.6km s-min=13.5km az=153.0

BUJ 26 01:07:41.3, 37.09N, 141.165E, h56km, mb4.9/2, mb4.7/9, Ms4.3/1, Ms7.3/9/1

NEIC 26 01:07:42.4, 0.8, 37.62N, 141.89E, h44km, 6km, mb4.5/11, MW4.1(NIED), Error ellipse: s-maj=9.7km s-min=6.4km az=151.0

NEIC Recorded [1 JMA] in Fukushima and Miyagi. ISC 26 01:07:41.1, 0.4, 37.55N, 0.03:141.92E, 0.04, h35km, (h39m, 1.4km, P-P, n71, e089/63, mb4.3/28, 2C-13D, Clear east coast of eastern Honshu)

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JFK Kawauchi, JFM Marumori, JMM Marumori, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like IZM Izmir, DENT Denizli, and ABTA Abfaltersbach.

26d 3h

2008 JUL

Table with columns for event name, time, category, and performance metrics. Includes events like BFO Black Forest, MOX Moxa, CABF La Chapelle, etc.

Table with columns for event name, time, category, and performance metrics. Includes events like CSOR Sort, MEZF Maizieres J'vi, LOR Lormes, etc.

Table with columns for event name, time, category, and performance metrics. Includes events like ISHM Shahmirzad, BAIF Baives, WTSB Winterswijk, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ESPR, EPLA, EMIN, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KIC, LIC, KURK, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like PPLA, BLO, MJAR, etc.

Vertical text providing additional information or coordinates, including station identifiers and technical parameters.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like SSS, CRUM, APON, etc.

Vertical text providing additional information or coordinates, including station identifiers and technical parameters.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like URZ, RPZ, RZM, etc.

26d 4h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BBOO Buckleboo, RKT Rikitea, COEN Coen, etc.

ISCJB 26 03:38:27.5:3.7, 23.90S, 0:07:64.7W, 0.1, h6km, 24km, mb3.9/11, Error ellipse: s-maj=15.6km s-min=12.3km az=179.3

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

GUC 26 03:56:16.9:0.8, 22.93S, 66.99W, h220km, ML4.1, 5C, Jujuy Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB04 Plate Boundary, PB01 Plate Boundary, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZALV Zalesovo Beam, ZALV Matkanchi Array, MKAR Korca, etc.

TIR 26 04:03:00.4:2.8, 40.77N, 20:58E, h0km, 13km, ML3.1, Error ellipse: s-maj=1.1km s-min=0.5km az=296.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KBN Korca, KBN Korca, OHR Ohrid, etc.

MEX 26 04:14:56.9:0.4, 15.37N, 92.24W, h214km, 6km, MD3.8, Mexico-Guatemala border region

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

SZGRF 26 04:18:06.7, 32.10N, 31.31E, h33km, mb4.1, Eastern Mediterranean Sea

ISC 26 04:18:27.8, 35.08N, 31.12E, h10km, ML3.7, Error ellipse: s-maj=36.6km s-min=19.4km az=56.0

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

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Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PHNC Paralimni, GLHS Giliras (BURDU), EREN Erenkoy, etc.

Table with columns: ORIF, HINP, CDF, etc. and rows listing station names, times, and coordinates. Includes stations like Oris-en-Rattie, Hinteralfeld, Champ du Feu, etc.

Table with columns: SZGRF, IDG, NIC, NEIC, ISK, CSEM, etc. and rows listing station names, times, and coordinates. Includes stations like Gazipasa, Lefka, Kas, etc.

Table with columns: AYDN, BODT, KULA, etc. and rows listing station names, times, and coordinates. Includes stations like Bodrum, Kula-Manisa, etc.

SZGRF 26 04:25:03.3, 32°56N-32°29'E, h33km, mb4.0, Eastern Mediterranean Sea

IDG 26 04:25:29.4, 1.4, 35°49N-31°27'E, h0km, mb3.8/7, mb1.3/7.1, mb1mk3.6/26, mbtpm3.7/11, ML3.4/4, Error ellipse: s-maj=27.6km s-min=17.7km az=54.0

NIC 26 04:25:29.0, 35°35N-31°36'E, h8km, mb3.7/3, ML3.9(NIC), ML3.5(ISK), After ISK

ISK 26 04:25:32.2, 35°36N-31°35'E, h28km, ML3.6 DDA 26 04:25:33.2, 35°36N-31°41'E, h27km, MD3.4 CSEM 26 04:25:34.2, 0.2, 35°40N-31°35'E, h40km, MD3.4, Mw3.5, Error ellipse: s-maj=6.1km s-min=3.2km az=25.0

ISC 26 04:25:31.5, 0.6, 35°45N-31°34'E, 0.03, h7km, 6km, m123, -1913/152, mb3.6/9, Cyprus region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, etc. and rows listing station names and coordinates. Includes stations like Paphos, Alevga, Gazipasa, etc.

ISC 26 04:22:00.3, 1.1, 35°43N-0°04'31"E, 0.04, h9km, 7km, mb3, m63, m54/83, mb3.6/5, Cyprus region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, etc. and rows listing station names and coordinates. Includes stations like Gazipasa, Lefka, Kas, etc.

Table with columns: YAYL, GDZ, GDZ, Hatay, etc. and rows listing station names, times, and coordinates. Includes stations like Gediz, Hatay, Sivrihisar-ESK, etc.

AKAS, KHC, GRF, AKTK, AKTK, etc. and rows listing station names, times, and coordinates. Includes stations like Kasperse Hory, Grafenberg Arr, etc.

AKTK, AKTK, AKTK, etc. and rows listing station names, times, and coordinates. Includes stations like Aktyubinsk, etc.

ABKAR, ABKAR, TAM, TAM, etc. and rows listing station names, times, and coordinates. Includes stations like Abkular array, etc.

TAM, TAM, FINES, FINES, etc. and rows listing station names, times, and coordinates. Includes stations like Tamnasset, etc.

FINES, FINES, HFS, HFS, etc. and rows listing station names, times, and coordinates. Includes stations like Finess Array B, etc.

HFS, HFS, ESDC, ESDC, etc. and rows listing station names, times, and coordinates. Includes stations like Hagfors, etc.

ESDC, ARCES, ARCES, etc. and rows listing station names, times, and coordinates. Includes stations like Arces Array B, etc.

ARCES, MK31, MK31, etc. and rows listing station names, times, and coordinates. Includes stations like Makanchi Array, etc.

MK31, MKAR, MKAR, etc. and rows listing station names, times, and coordinates. Includes stations like Makanchi Array, etc.

MKAR, SONM, SONM, etc. and rows listing station names, times, and coordinates. Includes stations like Songino Array, etc.

SONM, BUJ, BUJ, etc. and rows listing station names, times, and coordinates. Includes stations like Songino Array, etc.

BUJ, Northern Xinjiang, Code, Station Name, Az, Az', Phase ID, Time Res, etc. and rows listing station names and coordinates. Includes stations like Urumqi, etc.

WMQ, WMQ, WMQ, etc. and rows listing station names, times, and coordinates. Includes stations like Urumqi, etc.

WMQ, MK31, MK31, etc. and rows listing station names, times, and coordinates. Includes stations like Urumqi, etc.

MK31, TKM2, TKM2, etc. and rows listing station names, times, and coordinates. Includes stations like Tokmak 2, etc.

TKM2, TKM2, ISC, ISC, etc. and rows listing station names, times, and coordinates. Includes stations like Tokmak 2, etc.

TKM2, ISC, ISC, etc. and rows listing station names, times, and coordinates. Includes stations like Tokmak 2, etc.

ISC, ISC, ISC, etc. and rows listing station names, times, and coordinates. Includes stations like Tokmak 2, etc.

ISC, ISC, ISC, etc. and rows listing station names, times, and coordinates. Includes stations like Tokmak 2, etc.

ISC, ISC, ISC, etc. and rows listing station names, times, and coordinates. Includes stations like Tokmak 2, etc.

ISC, ISC, ISC, etc. and rows listing station names, times, and coordinates. Includes stations like Tokmak 2, etc.

ISC, ISC, ISC, etc. and rows listing station names, times, and coordinates. Includes stations like Tokmak 2, etc.

ISC, ISC, ISC, etc. and rows listing station names, times, and coordinates. Includes stations like Tokmak 2, etc.

26d 6h

Table of astronomical data for 26d 6h, listing objects like SJPF, EBEN, ROSF, etc., with columns for name, coordinates, magnitude, and other parameters.

2008 JUL

Table of astronomical data for 2008 JUL, listing objects like BPAW, PPLA, PMAF, etc., with columns for name, coordinates, magnitude, and other parameters.

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Table of astronomical data for 1172, listing objects like UDYV, DHBB, FRSS, etc., with columns for name, coordinates, magnitude, and other parameters.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KSP Ksiaz, KECS Keovo, PRU Pruhonice, BRG Bergsigshubel, KHC Kasperse Hory, CLL Colim.

WEL 26 06:43:44.7.0.7.3834Sx175.76E, h139km, 10km, ML3.6/6, 2C, Error ellipse: s-maj=11.5km s-min=6.5km az=90.0, North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BKZ Black Stump Fm, URZ Urewera, MOVZ Moawhango, RAHZ Aarahi, WAZ Matawai, PNHZ Pukanui, WPHZ Waipukura, POWZ Post Office R, MRZ Mangatoinaka R, BFZ Birch Farm, HOWZ Holdsworth Sta, KIW Kapiti Island, CAW Cannon Point, MNSW Motouka Station, TUWZ Tuamarama, NISZ Nelson, QRZ Quartz Range, THZ Topouse, KHZ Kahutara, LTZ Lake Taylor.

IDC 26 06:47:52.0.1.4.2270Sx175.94W, h0km, mb4.0/4, mb1.4/3.7, mb1mx4.0/19, mbmp4.2/27, ML4.3/2, Error ellipse: s-maj=50.2km s-min=23.6km az=152.0, Tonga Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like AFI Afiamalu, RAR Rarotonga, URZ Urewera, CTA Charters Tower, STKA Stephens Creek, ASAR Alice Springs, TXAR Lajitas Array.

NEIC 26 07:21:52.3.2.3225Sx72.41W, h21km, ML3.8(GUC), After GUC

GUC 26 07:21:52.3.0.7.3225Sx72.41W, h21km, 3km, MD4.0, ML3.8, 8C-4D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CHNG Los Chugos, JACH Jahuel, CMCH Combarbala, PEL Peldehue, TACH Talagante, LNV Longovilo, SAN Santiago, CLCH Cerro Calan, FCH Farellones, PCH Pirque, CHCH Chadas Angostu, LMEL Las Melosas, TLL Tololo Astrono, LCO Las Campanas.

NNC 26 07:22:34.9.5.0.4410N.81.37E, h0km, mb3.5, mpv3.1, 5C-2D, Error ellipse: s-maj=44.5km s-min=28.2km az=147.0, Northern Xinjiang

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes station MK31 Makanchi Array.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations MK31, TKM2, TKM2, KURK Kurchatov, KURK, KURK.

ISCJB 26 07:22:49.2.1.1.9.99N.0.1x104.12Wz0.09, h10km, mb4.0/12, MS3.8/6, Error ellipse: s-maj=17.7km s-min=12.3km az=169.4

IDC 26 07:22:50.2.1.3.9.92N.104.05W, h0km, mb3.8/4, mb1.4/1.6, mb1mx3.9/18, mbmp3.8/6, ML2.2/1, MS3.7/8, Ms1.3/7.8, ms1mx3.4/24, Error ellipse: s-maj=39.8km s-min=24.3km az=63.0

NEIC 26 07:22:51.5.1.1.9.99N.104.06W, h10km, mb4.0/9, Error ellipse: s-maj=24.4km s-min=15.9km az=52.0

ISC 26 07:22:50.9.1.1.9.99N.0.1x104.22Wz0.09, h10km, n24, r1910.18, mb4.0/12, MS3.8/6, Northern East Pacific Rise

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations CMIG Matias Romero, CMIG, JTS JuntasAbangare, TXAR Lajitas Array, MNTX Coudales Mount, GDLZ Gudalupde Moun, TUC Tucion, ANMO Albuquerque, ANMO Albuquerque, WUAZ Wupatki, PV10 Paradox Valley, ATAH Atahualpa, PDAR Pinedale Array, HDAR Hopedale, HLID Hlida, YBH Yreka Blue Hor, EDM Edmont, LPAZ La Paz, LPAZ, BBB Bella Bella, PLCA Paso Flores, ILAR Eielson Array, SUMG Summit, NOA NORSTAR Array, MKAR Makanchi Array.

IDC 26 08:19:02.2.1.1.0.2.129N.144.20E, h0km, mb3.9/5, mb1.4/0.5, mb1mx3.7/20, mbmp3.9/5, Error ellipse: s-maj=306.8km s-min=50.3km az=176.0, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations MKAR Makanchi Array, ZALV Zalesovo Beam, ILAR Eielson Array, BVAR Borovoye Array, FINES Fines Array.

ISK 26 08:33:12.8.3.37.31N.28.26E, h9km, MD2.8

ISCJB 26 08:33:13.4.0.6.37.28N.0.04x28.27Ez0.05, h10km, Error ellipse: s-maj=6.1km s-min=4.3km az=43.7

CSEM 26 08:33:13.2.0.1.37.27N.28.27E, h15km, MD2.8, Error ellipse: s-maj=3.1km s-min=2.3km az=13.0

DDA 26 08:33:14.5.37.22N.28.18E, h7km, 5km, Md2.5

ISC 26 08:33:13.4.0.7.37.26N.0.04x28.27Ez0.05, h19km, 5km, n18, r080/29, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations YER Yerkesik, MLSB Milas, BDRM Kayabasi, BDRM Kayabasi, DNZL Cakiroluk, DNZL Cakiroluk, DAT Data, BODT Bodrum, BODT Bodrum, KULA Kula-Manisa, KULA Kula-Manisa.

NNC 26 08:36:58.9.3.7.51.01N.87.73E, h0km, mb2.6, mpv2.3, Error ellipse: s-maj=130.5km s-min=12.3km az=18.0

ISCJB 26 08:36:59.2.0.8.51.3N.0.2x76.0Ez0.1, h10km, Error ellipse: s-maj=23.8km s-min=4.7km az=22.1

IDC 26 08:37:01.4.1.3.51.26N.76.16E, h0km, mb1.2/7.3, mb1mx2.7/22, mbmp2.7/3, ML2.7/3, Error ellipse: s-maj=44.9km s-min=13.1km az=37.0

ISC 26 08:37:01.0.8.51.3N.0.2x76.0Ez0.1, h10km, n7, r1517.10, 5C-2D, Eastern Kazakhstan

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations VOSK Vostochayna, VOSK, BVAR Borovoye Array, BVAR, ZRNK Zerenda, ZRNK, ZALV Zalesovo Beam, MK31 Makanchi Array, MKAR Makanchi Array, MKAR.

ISK 26 08:43:37.2.35.866N.27.39E, h8km, MD3.1

ATH 26 08:43:09.0.35.939N.27.78E, h51km, 2km, MD2.9/3

ISCJB 26 08:43:11.5.0.8.35.96N.0.06x27.66Ez0.07, h29km, 8km, Error ellipse: s-maj=12.0km s-min=6.8km az=39.9

CSEM 26 08:43:11.0.0.5.36.01N.27.58E, h21km, 5km, MD3.1, Error ellipse: s-maj=13.6km s-min=9.0km az=134.0

ISC 26 08:43:11.6.0.8.35.97N.0.05x27.66Ez0.07, h27km, 9km, n16, r12/24, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations ARG Arkhangelos, ARG, ARG, KARP Karpathos, KARP, KARP, DAT Data, DAT, BODT Bodrum, BODT, BODT, YER Yerkesik, YER, FETH Fethiye, FETH, APE Apeiranthos, APE, APE, APE.

IDC 26 09:02:55.6.2.0.8.67N.93.36E, h24km, 6km, mb3.5/4, mb1.3/6.4, mb1mx3.3/20, mbmp3.5/4, MS2.9/1, Ms1.2.9/1, ms1mx2.6/22, Error ellipse: s-maj=105.1km s-min=27.0km az=59.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations MKAR Makanchi Array, MKAR, KSRK Korea Array, ZALV Zalesovo Beam, ZALV, ASAR Alice Springs, FINES Fines Array B, FINES, FINES.

IDC 26 09:17:11.3.1.6.1457Sx167.53E, h0km, mb4.0/6, mb1.4/2.6, mb1mx4.0/15, mbmp4.0/6, Error ellipse: s-maj=174.6km s-min=27.5km az=138.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations STKA Stephens Creek, ASAR Alice Springs, SONR Songoing Array, ILAR Eielson Array, PDAR Pinedale Array, MKAR Makanchi Array, ARCRES ARCRES Array B, CABF La Chapelle, FLN La Foliniere, LDF La Druitiere, LOR Lomes, GRR Gorron, SSF Saint Saule, LPG La Plagne, SMF Signal de Mont, AVF Avril sur Loir, SGMF Saint Gilles, BGF Bois d'Agland, TURIN Oris-en-Rattie, TCF Toulx Ste Croix, MFF Saint Martin d, CAF Caillou, LASF Ste Croix, LFF La Frestale, MTLF Montlieux, ETSF Etsaut.

IDC 26 09:18:43.9.1.3.51.75N.75.53E, h0km, mb1.2.8/3, mb1mx2.7/23, mbmp2.8/3, ML2.7/3, Error ellipse: s-maj=34.1km s-min=11.7km az=35.0

ISCJB 26 09:18:45.4.0.6.51.69N.0.07x75.78Ez0.07, h10km, Error ellipse: s-maj=10.7km s-min=4.4km az=25.1

NINC 26 09:18:45.2.0.7.51.38N.75.41E, h0km, mb3.2, mpv2.8, Error ellipse: s-maj=19.7km s-min=4.7km az=25.0

ISC 26 09:18:46.8.0.7.51.61N.0.09x75.70Ez0.07, h10km, n9, r1948/16, 7C-6D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations KURK Kurchatov, KURK, VOSK Vostochayna, VOSK, BVAR Borovoye Array, BVAR, BRVK Brvok, BRVK.

Table listing astronomical observations with columns for object name, coordinates, magnitude, and other parameters. Includes entries like MIAR Mount Ida, 526A Mary Lane Ranc, UALR University of, etc.

Table listing astronomical observations with columns for Code, Station Name, Azimuth, Altitude, Phase ID, Time, and Residual. Includes entries like UPR University Cam, LAKA Lakka, EFP Eftalio, etc.

Table listing astronomical observations with columns for Code, Station Name, Azimuth, Altitude, Phase ID, Time, and Residual. Includes entries like Cook Strait, BSZW Blackbirch Sta, UALR Umatina, etc.

ISCJB 26 12:21:02.8, 0.8, 38:29N.0:04:21.87E, h0km, 5km, Error ellipse: s-maj=6.8km s-min=5.5km az=164.8

WEL 26 13:19:26.0, 0.1, 41.75Sx174.33E, h56km, 1km, ML3.5/15, 2C-2D, Error ellipse: s-maj=1.2km s-min=0.8km az=0,0

ISC 26 13:23:53.3, 0.1, 12:93N, 92:43E, h0km, mb4, 0/11, mb1 4/1/12, mb1mx3.9/22, mbmp3.9/12, ML3.7/1, MS3.5/4, M1 3.5/4, M1mx3.0/24, Error ellipse: s-maj=31.2km s-min=17.6km az=52.8

ISC 26 15:07:08.0.5, 12'48N.0'02.59'44W.0'04.4, h49km, mb4.4, n117, r102/170, mb4.2/27, 9C, Windward Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like BBSF Saint Philip, BBGH Gun Hill, BOT Bacolet, etc.

Table with columns: BNM, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Barren Site, ANMO Albuquerque, ANMO Albuquerque, etc.

BUI 26 15:24:37.7, 27'26N.52'84E, h30km, mb4.4/3
ISC/B 26 15:24:39.0, 3.2, 27'26N.0'03.53'39E.0'03, h10km, mb4.2/57, MS3.1/3, Error ellipse: s-maj=4.2km

IDC 26 15:24:38.9, 0.9, 27'22N.53'49E, h0km, mb4.1/20, m1.4/2.21, mb1mx4.1/28, mbmp4.1/21, ML3.8/1, MS3.1/2, m1.3/1.2, ms1mx2.4/37, Error ellipse: s-maj=21.5km

THR 26 15:24:38.1, 1.3, 27'05N.53'46E, h15km, ML3.9
CSEM 26 15:24:38.0, 2.7, 16N.53'45E, h10km, mb4.3/37
KISR 26 15:24:40.1, 3.2, 23'74N.47'66E, h3km, 999km, ML3.6

TEH 26 15:24:40.5, 27'14N.53'45E, h8km
NEIC 26 15:24:40.0, 27'14N.53'45E, h8km, mb4.3/27, ML3.9(THR), MN4.0(TEH), After TEH

MOS 26 15:24:41.8, 1.0, 27'26N.53'44E, h33km, mb4.5/25, Error ellipse: s-maj=8.3km, s-min=6.0km, az=110.2

OMAN 26 15:25:16.5, 99.0, 25'47N.55'14E, h30km, mb4.4, Error ellipse: s-maj=34.7km, s-min=7.1km, az=287.0

ISC 26 15:24:40.6, 0.3, 27'23N.0'03.53'42E.0'03, h10km, n285, r1503/306, mb4.2/57, MS3.1/3, 11C-3D, Southern Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Sarvestan, Bandar-Abbas, Pars, Bandar-abas, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like IGAR, KBD Kabd, KBD Kabd, KBD Al-Radif, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like AKTO, TKM2, VRHR, VSR, ARU, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like NB2, NOA, MTLF, CAF, TCF, RJJ, LFF, ARCES, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like GLHS, WRA, ASAR, MKAR, EVO, etc.

ISCJB 26 15:39:14.7±0.7, 36°97'N, 0°04:29.11E±0.04, h4km, 6km, Error ellipse: s-maj=6.3km s-min=5.0km az=23.8 CSEM 26 15:39:14.9±0.2, 36°39'N, 0°12E, h8km, MD2.9, Error ellipse: s-maj=3.9km s-min=3.3km az=5.0 ISK 26 15:39:14.8, 37°05'N, 29°16'E, h18km, MD2.9 DDA 26 15:39:15.0, 37°00'N, 29°13'E, h7km, 6km, MD2.9 ISC 26 15:39:15.2±0.6, 36°38'N, 0°04:29.11E±0.04, h10km, 7km, n29, c089/45, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Rows include stations like Saint Saulge, Ste Croix, Avril sur Loir, etc.

ICD 26 17:03:08.4+1.3, 30.70N:103.53E, h0km, mb3.3/4, mb1 3.4/4, mb1mx3.2/2.1, mbtrm3.3/4, Error ellipse: s-maj=45.2km s-min=23.8km az=56.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Rows include stations like Chengdu, Guiyang, Lanzhou, etc.

ICD 26 17:39:25.8+0.4, 21.54S:0.03:68.23W:0.04, h111km, 3km, mb4.7/128, Error ellipse: s-maj=6.3km s-min=4.9km az=42.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Rows include stations like GOGA Godfrey, JSC JCT, LRAL LRL, etc.

ICD 26 17:39:29.8+0.2, 21.56S:68.24W, mb4.7/109, Error ellipse: s-maj=7.6km s-min=4.7km az=224.0

| | | | | | | |
|------|-----------------|-----------|----|------|------------|------|
| V25A | Rancho No Teng | 66.70 328 | ↑P | P | 17 50 06.0 | -0.4 |
| U26A | Atchley Ranch | 66.72 329 | ↑P | P | 17 50 05.6 | -1.0 |
| Y21A | Point of Rocks | 66.84 325 | ↑P | P | 17 50 07.1 | -0.2 |
| LAZ | Ladron | 66.86 326 | eP | P | 17 50 07.4 | -0.1 |
| ANMO | Albuquerque | 66.93 326 | eP | P | 17 50 07.7 | -0.2 |
| ANMO | Albuquerque | 66.93 326 | eP | Pmax | 17 50 07.7 | -0.2 |
| ANMO | Albuquerque | 66.93 326 | eP | P | 17 50 07.7 | -0.2 |
| W23A | Werner Place | 66.93 327 | ↑P | P | 17 50 08.0 | +0.1 |
| V24A | Rampart Ranch | 66.93 328 | ↑P | P | 17 50 07.6 | -0.3 |
| 217A | Green Valley | 66.93 321 | ↑P | P | 17 50 07.7 | -0.3 |
| U25A | Circle Dot Ran | 66.95 329 | ↑P | P | 17 50 08.5 | +0.1 |
| 118A | Homack Ranch | 67.08 322 | ↑P | P | 17 50 09.0 | 0.0 |
| Y20A | Horse Springs | 67.14 324 | ↑P | P | 17 50 10.0 | +0.8 |
| Z19A | T-Link Ranch | 67.17 323 | ↑P | P | 17 50 10.0 | +0.5 |
| W22A | Albuquerque | 67.23 326 | ↑P | P | 17 50 11.0 | +1.1 |
| X21A | Alamocita Cree | 67.23 325 | ↑P | P | 17 50 10.6 | +0.7 |
| JFWS | Jewell Farm | 67.29 343 | eP | P | 17 50 07.9 | -2.1 |
| JFWS | Jewell Farm | 67.29 343 | eP | Pmax | 17 50 07.9 | -2.1 |
| JFWS | Jewell Farm | 67.29 343 | eP | P | 17 50 07.9 | -2.1 |
| V23A | Ortiz Mt. (NFS) | 67.40 327 | ↑P | P | 17 50 11.0 | +0.1 |
| Z18A | Geronomo | 67.44 323 | ↑P | P | 17 50 12.1 | +0.9 |
| 117A | Oracle | 67.47 322 | ↑P | P | 17 50 11.9 | +0.5 |
| 216A | Three Points | 67.47 321 | ↑P | P | 17 50 12.0 | +0.6 |
| T25A | Trinidad | 67.64 329 | ↑P | P | 17 50 12.6 | +0.2 |
| Y19A | Nutriosos | 67.66 324 | ↑P | P | 17 50 13.8 | +1.3 |
| W21A | San Fidel | 67.67 326 | ↑P | P | 17 50 13.4 | +0.8 |
| X20A | Quemado | 67.69 325 | ↑P | P | 17 50 13.4 | +0.7 |
| LIC | Lamto | 67.74 73 | eP | P | 17 50 13.3 | -0.2 |
| V22A | San Miguel Ran | 67.90 327 | ↑P | P | 17 50 14.7 | +0.7 |
| TIC | Toumudi | 67.93 73 | eP | P | 17 50 14.0 | -0.7 |
| TIC | Toumudi | 67.93 73 | eP | Pmax | 17 50 14.0 | -0.7 |
| TIC | Toumudi | 67.93 73 | eP | Pmax | 17 50 14.0 | -0.7 |
| Y18A | Canyon Day Jun | 67.95 323 | ↑P | P | 17 50 14.7 | +0.3 |
| 116A | Eloy | 68.02 321 | ↑P | P | 17 50 14.8 | 0.0 |
| X19A | St. Johns | 68.03 324 | ↑P | P | 17 50 14.2 | -0.7 |
| KIC | Kosan Boka | 68.05 73 | eP | P | 17 50 15.5 | 0.0 |
| S25A | Robets Cordova | 68.07 330 | ↑P | P | 17 50 15.0 | 0.0 |
| DBIC | Dimbokro | 68.08 73 | eP | P | 17 50 15.6 | -0.1 |
| DBIC | Dimbokro | 68.08 73 | eP | Pmax | 17 50 15.6 | -0.1 |
| DBIC | Dimbokro | 68.08 73 | eP | Pmax | 17 50 15.6 | -0.1 |
| W20A | Ramah | 68.13 325 | ↑P | P | 17 50 15.9 | +0.4 |
| U22A | Llaves | 68.24 327 | ↑P | P | 17 50 17.2 | +1.1 |
| 214A | Organ Pipe Nat | 68.24 320 | ↑P | P | 17 50 17.2 | +0.9 |
| T23A | Casias Ranch | 68.34 328 | ↑P | P | 17 50 17.6 | +0.8 |
| Y17A | Roosevelt | 68.35 323 | ↑P | P | 17 50 17.7 | +0.8 |
| S24A | Houchin Ranch | 68.42 329 | ↑P | P | 17 50 18.1 | +0.9 |
| Z16A | Peralta Trail | 68.42 322 | ↑P | P | 17 50 17.6 | +0.2 |
| X18A | Snowflake | 68.47 324 | ↑P | P | 17 50 18.1 | +0.5 |
| W19A | Sanders | 68.59 325 | ↑P | P | 17 50 18.9 | +0.6 |
| V20A | Brimhall | 68.62 326 | ↑P | P | 17 50 18.9 | +0.4 |
| QSPA | South Pt Qui | 68.64 180 | eP | P | 17 50 18.2 | +0.2 |
| SDCO | Great Sand Dun | 68.64 329 | eP | P | 17 50 18.5 | -0.1 |
| U21A | Nageezi | 68.69 327 | ↑P | P | 17 50 19.3 | +0.4 |
| T22A | Edith | 68.76 327 | ↑P | P | 17 50 20.0 | +0.7 |
| W18A | Petrified Fore | 68.79 324 | ↑P | P | 17 50 20.4 | +0.8 |
| X17A | Forest Lakes | 68.80 323 | ↑P | P | 17 50 20.8 | +1.1 |
| Z15A | Gila River Ind | 68.81 321 | ↑P | P | 17 50 19.9 | +0.2 |
| R24A | Sanders Place | 68.84 330 | ↑P | P | 17 50 20.5 | +0.7 |
| Y16A | Circle Bar Ran | 68.84 322 | ↑P | P | 17 50 20.2 | +0.2 |
| 114A | Black Cap (USA) | 68.85 321 | ↑P | P | 17 50 20.2 | +0.1 |
| V19A | Window Rock | 68.86 325 | ↑P | P | 17 50 20.6 | +0.5 |
| T21A | Navajo Lake | 69.06 327 | ↑P | P | 17 50 21.7 | +0.5 |
| U20A | Newcomb | 69.09 326 | ↑P | P | 17 50 21.4 | 0.0 |
| X16A | Lo Mia Camp, P | 69.22 323 | ↑P | P | 17 50 21.8 | -0.4 |
| S22A | 4UR Ranch, Cre | 69.29 328 | ↑P | P | 17 50 23.0 | +0.4 |
| V18A | Ganado | 69.34 325 | ↑P | P | 17 50 22.9 | 0.0 |
| U19A | Dine' College | 69.39 327 | ↑P | P | 17 50 22.7 | -0.6 |
| 113A | Mohawk Valley | 69.39 320 | ↑P | P | 17 50 22.6 | -0.7 |
| Y15A | Casa Rosa Ranc | 69.39 322 | ↑P | P | 17 50 22.7 | -0.6 |
| P25A | Willow Gulch B | 69.44 331 | ↑P | P | 17 50 23.1 | -0.4 |
| Q24A | Divide | 69.45 330 | ↑P | P | 17 50 23.9 | +0.3 |
| Z13A | Yuma Proving G | 69.63 320 | ↑P | P | 17 50 24.4 | -0.4 |
| R22A | Saguache, Gunn | 69.63 328 | ↑P | P | 17 50 25.3 | +0.6 |
| T19A | Beclabito | 69.70 326 | ↑P | P | 17 50 25.6 | +0.4 |
| X15A | Humboldt | 69.72 322 | ↑P | P | 17 50 26.3 | +1.0 |
| V17A | Tonalea, Kykot | 69.74 324 | ↑P | P | 17 50 25.8 | +0.3 |
| W16A | Flagstaff | 69.76 323 | ↑P | P | 17 50 25.4 | +0.8 |
| Y14A | Wickenburg | 69.77 321 | ↑P | P | 17 50 26.0 | +0.4 |
| U18A | Rough Rock, Ch | 69.83 325 | ↑P | P | 17 50 25.8 | -0.2 |
| O25A | Wiggins | 69.91 331 | ↑P | P | 17 50 26.9 | +0.5 |
| ECSD | EROS Data Cent | 70.02 338 | eP | P | 17 50 25.6 | -1.3 |
| X14A | Yava | 70.10 322 | ↑P | P | 17 50 27.4 | -0.1 |
| P23A | Jefferson | 70.10 330 | ↑P | P | 17 50 28.2 | +0.7 |
| S20A | Disappointment | 70.12 327 | ↑P | P | 17 50 27.8 | +0.1 |
| R21A | Cimarron | 70.13 328 | ↑P | P | 17 50 27.9 | +0.1 |

| | | | | | | |
|------|----------------|-----------|----|------|------------|------|
| Y13A | Salome | 70.16 321 | ↑P | P | 17 50 28.8 | +0.8 |
| Q22A | Crested Butte, | 70.20 329 | ↑P | P | 17 50 28.5 | +0.3 |
| W15A | Williams | 70.23 323 | ↑P | P | 17 50 29.0 | +0.5 |
| U16A | Tuba City | 70.31 324 | ↑P | P | 17 50 29.1 | +0.2 |
| ISCO | Idaho Springs | 70.33 330 | eP | P | 17 50 29.1 | +0.1 |
| ISCO | Idaho Springs | 70.33 330 | eP | Pmax | 17 50 29.1 | +0.1 |
| ISCO | Idaho Springs | 70.33 330 | eP | P | 17 50 29.1 | +0.1 |
| T18A | Mexican Hat | 70.38 326 | ↑P | P | 17 50 29.2 | -0.1 |
| R20A | Redvale | 70.41 327 | ↑P | P | 17 50 30.1 | +0.7 |
| S19A | Harvey Farm, M | 70.45 327 | ↑P | P | 17 50 29.8 | +0.1 |
| PV01 | Paradox Valley | 70.46 327 | eP | P | 17 50 30.2 | +0.5 |
| SMCO | Snowmass | 70.48 329 | eP | P | 17 50 30.8 | +0.9 |
| Q21A | Lamborn Mesa, | 70.51 328 | ↑P | P | 17 50 30.4 | +0.3 |
| V15A | Kaibab Nationa | 70.65 323 | ↑P | P | 17 50 31.2 | +0.2 |
| P22A | Gap | 70.71 329 | ↑P | P | 17 50 31.2 | 0.0 |
| X13A | Yucca | 70.71 321 | ↑P | P | 17 50 31.6 | +0.2 |
| W14A | Selington | 70.72 322 | ↑P | P | 17 50 32.4 | +1.0 |
| DVTC | Desert V Tower | 70.73 318 | ↑P | P | 17 50 31.7 | +0.1 |
| SWSC | Sam W. Stewart | 70.74 319 | ↑P | P | 17 50 31.4 | -0.1 |
| T17A | Navajo Res., N | 70.76 325 | ↑P | P | 17 50 32.4 | +0.7 |
| S18A | Hurst Farm, Bl | 70.85 326 | ↑P | P | 17 50 33.2 | +1.0 |
| R19A | Curley Farm, L | 70.93 327 | ↑P | P | 17 50 32.8 | +0.2 |
| Q20A | Ridgley Place, | 70.95 328 | ↑P | P | 17 50 32.6 | -0.1 |
| P21A | Wheatstie | 70.98 329 | ↑P | P | 17 50 33.2 | +0.3 |
| BC3 | Big Chuckawall | 71.02 320 | ↑P | P | 17 50 33.6 | +0.3 |
| V14A | Bollas Ranch | 71.04 323 | ↑P | P | 17 50 34.2 | +0.9 |
| O22A | Kremmling | 71.06 330 | ↑P | P | 17 50 33.5 | +0.2 |
| MONP | Monument Peak | 71.09 318 | ↑P | P | 17 50 34.0 | +0.3 |
| BAR | Barrett | 71.10 318 | eP | P | 17 50 34.2 | +0.4 |
| W13A | Hualapai Mount | 71.10 322 | ↑P | P | 17 50 34.2 | +0.4 |
| U15A | North Rim | 71.15 324 | ↑P | P | 17 50 35.0 | +1.0 |
| IRM | Iron Mountain | 71.19 320 | ↑P | P | 17 50 34.2 | 0.0 |
| R18A | Turtonlands Na | 71.33 326 | ↑P | P | 17 50 35.1 | +0.1 |
| N23A | Red Feather La | 71.36 331 | ↑P | P | 17 50 34.8 | -0.4 |
| P20A | De Beque | 71.42 322 | ↑P | P | 17 50 35.9 | +0.3 |
| Q19A | Hogan Spring (| 71.44 327 | ↑P | P | 17 50 36.3 | +0.6 |
| N22A | Wattenberg Ran | 71.52 330 | ↑P | P | 17 50 36.8 | +0.7 |
| O21A | Pagoda | 71.53 329 | ↑P | P | 17 50 36.7 | +0.5 |
| BELC | Belle Mtn. Jos | 71.58 320 | ↑P | P | 17 50 36.6 | -0.1 |
| PFO | Pinyon Flat Ob | 71.59 319 | ↑P | P | 17 50 36.8 | +0.1 |
| PFO | Pinyon Flat Ob | 71.59 319 | eP | Pmax | 17 50 37.4 | +0.6 |
| PFO | Pinyon Flat Ob | 71.59 319 | eP | Pmax | 17 50 37.4 | +0.6 |
| T15A | Red Dirt Ranch | 71.63 324 | ↑P | P | 17 50 37.6 | +0.7 |
| U14A | Mt Trumbull | 71.64 323 | ↑P | P | 17 50 36.9 | 0.0 |
| V13A | Grand Canyon W | 71.69 322 | ↑P | P | 17 50 38.0 | +0.8 |
| S16A | Wenger Ranch | 71.72 325 | ↑P | P | 17 50 37.4 | -0.1 |
| R17A | Hanksville Air | 71.77 326 | ↑P | P | 17 50 37.7 | 0.0 |
| W12A | Cal Silver Ari | 71.81 321 | ↑P | P | 17 50 38.2 | +0.2 |
| P19A | Cripple Cowboy | 71.82 328 | ↑P | P | 17 50 38.8 | +0.9 |
| O20A | White River Ci | 71.84 329 | ↑P | P | 17 50 38.5 | +0.5 |
| GMRC | Granite Mount | 71.92 320 | ↑P | P | 17 50 39.1 | +0.4 |
| N21A | Black Mountain | 71.98 330 | ↑P | P | 17 50 39.3 | +0.4 |
| Q18A | Rafter H Ranch | 71.99 327 | ↑P | P | 17 50 39.0 | 0.0 |
| T14A | Hurricane | 72.05 324 | ↑P | P | 17 50 39.7 | +0.3 |
| R16A | Teale | 72.08 325 | ↑P | P | 17 50 38.5 | -1.1 |
| V12A | Nelson | 72.10 322 | ↑P | P | 17 50 39.5 | -0.2 |
| S15A | Fangutch | 72.10 324 | ↑P | P | 17 50 40.0 | +0.3 |
| SRU | San Rafael | 72.20 327 | ↑P | P | 17 50 40.7 | +0.5 |
| SRU | San Rafael | 72.20 327 | eP | P | 17 50 40.4 | +0.4 |
| HEC | Hector Ludlow | 72.25 320 | ↑P | P | 17 50 42.1 | +0.8 |
| Q16A | Castle Valley | 72.39 326 | ↑P | P | 17 50 41.9 | +0.5 |
| N20A | Spence Gulch, | 72.39 329 | ↑P | P | 17 50 41.5 | +0.2 |
| O19A | Miners Draw (B | 72.40 328 | ↑P | P | 17 50 41.2 | -0.2 |
| U12A | Valley of Fire | 72.42 322 | ↑P | P | 17 50 42.2 | +0.6 |
| P18A | Preston Nutter | 72.44 327 | ↑P | P | 17 50 42.1 | +0.5 |
| R15A | Junction | 72.45 325 | ↑P | P | 17 50 42.4 | +0.7 |
| V11A | Saint George | 72.48 323 | ↑P | P | 17 50 42.3 | +0.4 |
| T13A | Goodsprings | 72.52 321 | ↑P | P | 17 50 42.5 | +0.3 |
| TUQ | Turquoise Moun | 72.53 321 | ↑P | P | 17 50 42.1 | -0.2 |
| CCUT | Cedar City | 72.56 324 | eP | P | 17 50 43.9 | +1.5 |
| M21A | Separation Pca | 72.58 330 | ↑P | P | 17 50 42.9 | +0.5 |
| P17A | Butcher Ranch | 72.58 327 | ↑P | P | 17 50 42.6 | +0.1 |
| S14A | Cedar City | 72.60 324 | ↑P | P | 17 50 43.1 | +0.5 |
| MSU | Marysvale | 72.61 325 | eP | P | 17 50 43.5 | +0.8 |
| TMUT | Trail Mountain | 72.69 326 | eP | P | 17 50 43.5 | +0.4 |
| BFSC | Mount Baldy Ra | 72.76 319 | ↑P | P | 17 50 43.0 | -0.6 |
| ARUT | Antelope Range | 72.77 324 | eP | Pmax | 17 50 45.0 | +1.3 |
| ARUT | Antelope Range | 72.77 324 | eP | Pmax | 17 50 45.0 | +1.3 |
| O18A | Roosevelt | 72.81 328 | ↑P | P | 17 50 43.4 | -0.4 |
| S13A | Holt Ranch, En | 72.85 323 | ↑P | P | 17 50 43.6 | -0.6 |
| L21A | Rawlins | 72.86 330 | ↑P | P | 17 50 44.2 | +0.1 |
| M20A | Sweetwater, Wa | 72.87 330 | ↑P | P | 17 50 43.8 | -0.4 |
| N19A | John Jarvie Ra | 72.88 329 | ↑P | P | 17 50 43.7 | -0.5 |
| GSC | Goldstone | 72.96 320 | ↑P | P | 17 50 44.1 | -0.7 |
| GSC | Goldstone | 72.96 320 | eP | P | 17 50 45.6 | +0.8 |

| | | | | | | | | |
|------|-------------------------|-----------|----|---|------------|------|------|------|
| GSC | comp=Z,1.5nm,1.3s,mb4.7 | | | | | | Pmax | Pmax |
| GSC | Goldstone | 72.96 320 | eP | P | 17 50 45.6 | +0.8 | | |
| Q15A | Fillmore | 73.08 325 | ↑P | P | 17 50 45.2 | -0.2 | | |
| O17A | Robinson Place | 73.12 327 | ↑P | P | 17 50 46.0 | +0.3 | | |
| | | | | | | | | |

26d 17h

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Table with columns: Call Sign, Name, Frequency, Power, and other details. Includes stations like L13A Double Diamond, M12A Wells, RLMT Red Lodge, etc.

Table with columns: Call Sign, Name, Frequency, Power, and other details. Includes stations like I07A Ize, C10A Hot Springs, F13A Beach Ranch, etc.

Table with columns: Call Sign, Name, Frequency, Power, and other details. Includes stations like EPF Esparros, QUMF Quistin, SGMF Saint Gilles, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ABKAR Akbulak array, PETK Petropavlovsk, BRTR Keskin Array B, etc.

DDA 26 18:39:30.8, 37.46N, 38.69E, h3km, Md2.8
ISK 26 18:39:30.4, 37.44N, 38.74E, h20km, MD2.8
CSEM 26 18:39:30.8, 0.2, 37.46N, 38.64E, h10km, MD2.8, Error ellipse: s-maj=5.1km s-min=3.8km az=171.0

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

ISK 26 18:42:28.8, 37.03N, 29.15E, h6km, MD3.0
CSEM 26 18:42:28.9, 0.2, 36.99N, 29.16E, h5km, MD3.0, Error ellipse: s-maj=4.9km s-min=3.6km az=1.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GLHS Gihisar (BURDU), GLHS Gihisar (BURDU), GOLH Golhisar, etc.

NEIC 26 18:43:01.4, 0.4013S, 173.55E, h5km, ML4.3(WEL), After WEL
WEL 26 18:43:01.6, 0.1, 40.33S, 173.56E, h5km, ML4.3(51.7C-4D), Error ellipse: s-maj=1.2km s-min=0.6km az=90.0, Cook Strait

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PKVZ Pokaka, MTVZ Mangateitei, PAWZ Parauwai Farm, etc.

DMN 26 18:51:38.6, 0.6, 23.85N, 90.70E, h10km, Mb7.0/2, Error ellipse: s-maj=18.6km s-min=11.6km az=69.0
IDC 26 18:51:48.9, 0.5, 24.18N, 90.52E, h9km, mb4.8/2, mb1.4/7/23, mb1mx3.6/28, mbtmp4.6/23, ML4.8/1, MS3.9/19, Ms1.4/0.19, ms1mx3.8/29, Error ellipse: s-maj=16.9km s-min=11.5km az=41.0

ISCJB 26 18:51:49.4, 0.7, 24.75N, 90.02E, h10km, Mb4.8/2, mb4.8/196, MS4.0/48, Error ellipse: s-maj=4.1km s-min=2.8km az=2.4
BUJ 26 18:51:49.9, 24.96N, 90.55E, h19km, mb4.8/23, mb4.7/45, ML4.7/3, Ms4.3/50, Ms7.4/0/41
LDG 26 18:51:49.8, 0.2, 24.90N, 90.09E, h10km, Mb4.9/36, Ms3.9/7, Error ellipse: s-maj=9.4km s-min=7.2km az=179.0

NEIC 26 18:51:50.1, 0.1, 24.79N, 90.54E, h18km, Mb4.8/108, Ms4.0/17, Error ellipse: s-maj=4.7km s-min=2.8km az=213.0
NEIC At least 25 people injured at Dhaka. Felt [IV] at Dhaka. Felt at Maimansingh. Also felt at Agartala, India.
MOS 26 18:51:50.3, 0.8, 24.75N, 90.51E, h27km, mb5.0/99, MS4.0/37, Error ellipse: s-maj=7.4km s-min=3.4km az=127.7

SZGRF 26 18:51:57.8, 24.73N, 89.62E, h33km, mb5.2, MS4.2, Bangladesh
BGS 26 18:52:19.4, 1.7, 25.69N, 88.80E, h33km, mb4.7
ISC 26 18:51:51.1, 0.9, 24.74N, 90.02E, h18km, Mb4.8/196, MS4.0/48, Error ellipse: s-maj=4.1km s-min=2.8km az=2.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AGT Agartala, SHL Shillong, SHL Shillong, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VIS comp=N,236nm,0.6s, VIS comp=N,236nm,0.6s, CHG comp=N,236nm,0.6s, etc.

2008 JUL

26d 18h

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like Suwalki, Deva, Vitosha, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like Kasperse Hory, Collim, JAVS, etc.

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Table with columns: Station, Frequency, Power, and other technical details. Includes stations like HAU, BFL, Sospel, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Casey, Marble Bar, QSPA, SYO, PETK, etc.

TAP 26 19:57:14.0, 24:29.1N:122:48E, h16km, ML3.5, 2C, C, Taiwan region

Main table for TAP 26 19:57:14.0, 24:29.1N:122:48E, h16km, ML3.5, 2C, C, Taiwan region. Columns: Code, Station Name, Az, Phase ID, Time, Res.

IDC 26 20:15:07.8t, 1.1, 22.95N:120:24E, h0km, mb3.5/6, mb1 3.6/7, mb1mx3.4/24, mbtpm3.5/7, ML3.3/1, Error ellipse: s-maj=40.3km s-min=19.8km az=71.0

NEIC 26 20:15:09.8t, 1.3, 23.16N:120:53E, h15km, 7km, ML4.4(TAP), Error ellipse: s-maj=11.8km s-min=8.2km az=72.0

NEIC Recorded [3 TAP] in Chia-ji; [2 TAP] in Kao-hsiung and Tai-nan; [1 TAP] in Chang-hua and Yun-lin.

TAP 26 20:15:10.4, 23:20N:120:55E, h15km, ML4.1, B ISGJB 26 20:15:11.3, 0.2, 23:20N:01:120:53E:0.02, h20km, 2km, mb3.5/3, Error ellipse: s-maj=2.7km s-min=2.1km az=2.3

ISC 26 20:15:11.4, 0.2, 23:20N:01:120:54E:0.02, h17km, 1km, n78, c0.83/123, mb3.4/5, 15C-11D, Taiwan

Main table for 2008 JUL. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Ta-pu, Hsiinying, TWK, etc.

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

NIED 26 20:28:00.39, 39:20N:140:90E, h5km, Mw3.5 Best double couple: M2 05000x1014 N1 3a:6.00000; 853.00000; 1.77.00000; NP2:2b:20.00000; 839.00000; 1.07.00000.

ISCJB 26 20:28:42.0, 5.39, 15N:03:140:93E:0.03, h11km, 4km, mb3.5/3, Error ellipse: s-maj=5.2km s-min=4.5km az=14.0

JMA 26 20:28:42.6, 39:16N:140:93E, h10km, 1km, M3.7 JMA Felt J1.

IDC 26 20:28:44.5, 4.4, 39:02N:141:01E, h18km, 28km, mb3.4/3, mb1 3.5/6, mb1mx3.3/25, mbtpm3.4/6, ML3.1/3, Error ellipse: s-maj=31.7km s-min=20.3km az=120.0

ISC 26 20:28:43.0, 0.5, 39:14N:03:140:94E:0.04, h2km, 5km, n14, c0.99/24, mb3.5/3, 3C-3D, Eastern Honshu

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

MAN 26 20:33:30, 770N:124:86E, h25km, mb4.0, ML2.7, MS2.4, 1C, Mindanao

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

BUI 26 20:51:16.8, 23:11N:120:86E, h17km, ML4.1/5, Ms7 3.9/1 IDC 26 20:51:19.1, 0.9, 23:13N:120:57E, h0km, mb3.6/11

mb1 3.8/12, mb1mx3.7/24, mbtpm3.7/12, ML3.4/1, MS3.4/2, Ms1 3.4/2, ms1mx2.7/29, Error ellipse: s-maj=33.7km s-min=20.1km az=65.0

TAP 26 20:51:21.6, 0.2, 23:11N:120:55E, h15km, ML4.3, B ISGJB 26 20:51:22.6, 0.2, 23:19N:01:120:51E:0.02, h22km, 2km, mb3.7/11, Error ellipse: s-maj=2.6km s-min=2.2km az=7.9

NEIC 26 20:51:22.1, 0.7, 23:20N:120:59E, h17km, 4km, mb4.2/2, ML4.4(TAP), Error ellipse: s-maj=8.0km s-min=6.8km az=107.0

NEIC Recorded [3 TAP] in Chia-ji; [2 TAP] in Chang-hua,

Kao-hsiung, T'ai-nan and Yun-lin; [1 TAP] in T'ai-tung and P'eng-hu.

ISC 26 20:51:22.8±0.2, 23.220N, 0120:53E±0.02, h17km±1km, n90, e0599/136, mb3.7/11, 13C-12D, Taiwan

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.

IDD 26 21:13:08.6±1.9, 6:58S; 152:53E, h0km, mb4.1/7, mb1.4/2.8, mb1mx4.0/1.7, mbtmp4.1/8, ML3.9/1, Error ellipse: s-maj=64.7km s-min=23.0km az=118.0, ISC/JB 26 21:13:11.9±1.2, 6:75S; 0:1x152:6E±0.2, h33km, mb4.0/8, Error ellipse: s-maj=34.8km s-min=13.3km az=29.0, NEIC 26 21:13:13.3±0.9, 6:69S; 152:67E, h35km, mb4.1/2, Error ellipse: s-maj=23.0km s-min=9.6km az=113.0, ISC 26 21:13:13.5±1.2, 6:75S; 0:1x152:7E±0.2, h35km, n13, e072/14, mb4.0/8, New Britain region

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: ID, Name, Time, Date, Status, etc. Includes entries like 107A Ize, 1R12A Pony Springs, 1U14M Mt Trumbull, etc.

Table with columns: ID, Name, Time, Date, Status, etc. Includes entries like COLA College, C11A Tepee Ranch, 325A Bean Ranch, etc.

Table with columns: ID, Name, Time, Date, Status, etc. Includes entries like 118A Diamond G Ranch, M20A Sweetwater, W25A X Bar L Ranch, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Gura Zlata, Grafenberg Arr, KHC Kasperske Hory, etc.

NEIC 26 21:33:41.2, 37:97S:176.06E, h178km, MG4.1 (WEL), After WEL

WEL 26 21:33:41.8, 0.3, 37:95S:176.07E, h172km, 3km, ML4.1/19, 1D, Error ellipse: s-maj=3.3km s-min=2.4km az=0.0,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Allen Road, Urewera, Matawai, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OGWZ Otaki Gorge, HOWH Holdsworth Sta, KIWI Kapiti Island, etc.

ISCJB 26 21:56:37.8, 0.7, 36:97N:0:03:29.16E:0.03, h2km, 7km, Error ellipse: s-maj=5.7km s-min=4.4km az=13.2

ISK 26 21:56:37.7, 37:01N:29.17E, h5km, MD2.9, DDA 26 21:56:38.4, 37:01N:29.18E, h7km, 3km, MD3.0

CSEM 26 21:56:38.2, 0.1, 36:97N:29:17E, h8km, MD2.9, Error ellipse: s-maj=3.4km s-min=1.7km az=7.0

ISC 26 21:56:38.4, 0.6, 36:98N:0:03:29.16E:0.04, h6km, 5km, n44, 0:983/58, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GLHS Gllhisar (BURDU), GOLH Golhisar, ELL Elmali, etc.

ISC 26 22:07:03.4, 0.7, 37:16N:29:86E, h5km, MD3.3, NEIC 26 22:07:03.0, 37:15N:29:84E, h5km, MD3.2 (ISK), After ISK

CSEM 26 22:07:04.9, 0.1, 37:18N:29:86E, h2km, MD3.3, Error ellipse: s-maj=3.6km s-min=2.7km az=13.0

DDA 26 22:07:04.3, 37:18N:29:86E, h7km, 4km, MD3.1, IDC 26 22:07:05.4, 1.8, 37:12N:29:77E, h0km, mb3, 2.1

mb1 3.5/4, mb1mx3.2/24 mbtmp3.4/4, ML3.3/3, Error ellipse: s-maj=32.7km s-min=2.4km az=27.0

ISCJB 26 22:07:05.0, 0.3, 37:17N:0:02:29.85E:0.02, h10km, Error ellipse: s-maj=3.4km s-min=2.6km az=19.4

ISC 26 22:07:06.0, 0.3, 37:19N:0:02:29.84E:0.02, h10km, n86, s1509/95, 1D, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GOLH Golhisar, GLHS Gllhisar (BURDU), ELL Elmali, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YER Verkesik, SHUT Suhut-Afyon, SHUT Suhut-Afyon, etc.

NSSP 26 22:16:45.3, 38:40N:43:20E, h5km, Ms4.3, ISCJB 26 22:16:49.0, 0.3, 38:50N:0:01:43.11E:0.02, h15km, 2km, mb4.3/85, MB3.6/30, Error ellipse: s-maj=2.6km s-min=2.2km az=147.1

DDA 26 22:16:48.3, 38:53N:43:10E, h5km, 1km, Md4.2, MOS 26 22:16:48.8, 1.7, 38:40N:43:09E, h20km, mb4.6/41, Error ellipse: s-maj=5.5km s-min=3.5km az=119.6

ISK 26 22:16:49.6, 0.1, 38:54N:43:10E, h7km, ML4.5, CSEM 26 22:16:49.6, 0.1, 38:54N:43:12E, h10km, mb4.5/55, Ms3.4, Error ellipse: s-maj=4.0km s-min=3.3km az=178.0

NEIC 26 22:16:50.0, 38:44N:43:39E, h11km, mb4.4/50, ML4.6 (ISK), After ISK, IDC 26 22:16:52.7, 2.0, 38:61N:43:09E, h33km, 15km, mb3.9/20, mb1 4.0/27, mb1mx0.3/32, mbtmp3.9/27, ML3.6/5, MS3.7/19, Ms1 3.7/19, ms1mx3.6/34, Error ellipse: s-maj=14.3km s-min=8.2km az=159.0

BUI 26 22:16:55.0, 38:70N:43:00E, h50km, mb4.9/16, mb4.7/25, Ms4.4/12, Ms7.4/12, SZGRF 26 22:17:12.2, 40:76N:42:05E, h33km, mb4.4, Turkey, ISC 26 22:16:50.1, 0.3, 38:49N:0:02:43.10E:0.02, h11km, 2km, mb4.2/85, MB3.6/30, n532, s116/592, mb4.3/85, MS3.6/30, 70C-42D, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VANT Van, VANB Van, VANV Van, etc.

26d 23h

Table of station data for the 26d 23h period, including columns for station name, coordinates, and various parameters like elevation and frequency.

2008 JUL

Main table of station data for July 2008, listing stations like Dawson, Yellowknife, and various international stations with their respective coordinates and parameters.

1198

Table of station data for the 1198 period, including stations like Vista Hermosa, Pinotepa, and various international stations with their respective coordinates and parameters.

Table with columns: Code, Station Name, Az, El, P, R, Time, Res, ISC. Includes stations like Collm, La Foret Royal, Songino Array, etc.

IDC 27 00:02:46.7-0.4, 19:21N, 119:69E, h0km, mb4.9/24, mb1 4.9/26, mb1mx4.9/29, mbmp4.9/26, MLA 3/2, MS4 2/18, Ms1 4.3/18, ms1mx4.1/24, Error ellipse: s-maj=14.5km s-min=12.4km az=50.0

ISCJB 27 00:02:48.0-0.8, 19:30N, 0:02:119:65E, 0:02:1h16km, 5km, mb5.1/194, MS4 5/60, Error ellipse: s-maj=3.9km s-min=2.6km az=175.4

SZGRF 27 00:02:49.7, 19:60N, 120:83E, h33km, mb5.1, MS4.9, Philippine Islands region

NEIC 27 00:02:50.1-1.4, 19:18N, 119:67E, h23km, 9km, mb5.2/88, Error ellipse: s-maj=5.3km s-min=4.5km az=88.0

MOS 27 00:02:51.3-0.9, 19:24N, 119:65E, h42km, mb5.4/86, MS4 7/35, Error ellipse: s-maj=8.5km s-min=4.1km az=118.8

BUI 27 00:02:51.9, 19:51N, 119:48E, h28km, mb5.0/37, mb4.7/47, MLA 5/4, Ms4 8/54, Ms7 4/747

TEH 27 00:02:52.0, 19:17N, 119:68E, h35km

LJA 27 00:02:52.0, 19:16N, 119:65E, h139km, mb5.1/37

ISC 27 00:02:52.0-0.8, 19:29N, 0:02:119:67E, 0:02:h25km, 5km, h33km, 1.0km, pp-P, n554, s1803/565, mb5.1/194, MS4 5/60, 21C-67D, Philippine Islands region

Table with columns: Code, Station Name, Az, El, P, R, Time, Res, ISC. Includes stations like PIP, ABRA, ARPV, etc.

Table with columns: Code, Station Name, Az, El, P, R, Time, Res, ISC. Includes stations like SSE, WHN, WHN, etc.

Table with columns: Code, Station Name, Az, El, P, R, Time, Res, ISC. Includes stations like BJT, BJI, BJI, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KBS Kingsbay, KAF Kangasniemi, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like OKC Valandovo, VAY Vyhne, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MOX Moxa, MOX Moxa, etc.

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res. Rows include BRR11 Keskin Array S, BRRTR Keskin Array B, BVAR Borovoye Array, etc.

IDC 27 01:24:43.4, 1.8, 74:28N; 9:27E, h0km, mb3.7/3, mb1 3.8/5, mb1 mx3.4/23, mbtmp3.7/5, ML3.0/2, MS3.0/6, Ms1 3.0/6, ms1mx2.8/25, Error ellipse: s-maj=55.5km s-min=18.2km

CSEM 27 01:24:43.0, 2.6, 74:46N; 10:06E, h10km, ML2.0, Error ellipse: s-maj=21.2km s-min=6.3km az=78.0

ISCBJ 27 01:24:44.2, 1.0, 74:42N; 0:05:11.6E; 0.4, h10km, mb3.5/3, MS3.1/3, Error ellipse: s-maj=17.6km s-min=4.8km az=163.8

BER 27 01:24:44.6, 2.0, 74:38N; 9:61E, h10km, MD2.9, ML2.0, ML2.2(NAO)

NAO 27 01:24:45.7, 3.3, 74:45N; 10:82E, ML2.2 HEL 27 01:24:51.6, 0.5, 74:37N; 12:38E, h10km, ML2.6

ISC 27 01:24:58.0, 9.9, 74:42N; 0:05:11.2E; 0.4, h10km, n41, r143:59, mb3.5/3, MS3.1/3, Norwegian Sea

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res. Rows include BJO Bjornoya, HSP Hornsund, SPA0 Spitsbergen Ar, etc.

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res. Rows include KBS Kingsbay, KRS Kingsbay, TRO Tromsø, etc.

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res. Rows include KIF Kilpisjärvi, ARAO ARCESS Array S, ARCES ARCESS Array B, etc.

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res. Rows include KEV Kevo, HEF Hetta, LANU Lannavaara, etc.

IDC 27 01:30:34.2, 1.9, 23:44S; 115:58W, h0km, mb3.8/5, mb1 4.2/5, mb1mx4.0/14, mbtmp3.8/5, MS3.9/3, Ms1 3.9/3, ms1mx3.5/15, Error ellipse: s-maj=65.0km s-min=39.8km az=43.0

NEIC 27 01:30:36.2, 0.8, 23:45S; 115:41W, h10km, mb4.4/10, Error ellipse: s-maj=28.1km s-min=20.6km az=70.0

ISC 27 01:30:39.9, 3.5, 22:9S; 0:11:51W; 0.4, h10km, n30, r079:18, mb4.2/16, MS3.9/3, Southern East Pacific Rise

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res. Rows include RPN Papa Nui, PPT Papeete, PLCA Paso Flores, etc.

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res. Rows include JCT Junction City, WMTX Cornudas Mount, WNKW Wichita Mounta, etc.

IDC 27 01:42:00, 44:50N; 149:40E, h20km, Mw3.5 Best double couple: M2.06000x1014 NP1.30.00000, d60.00000, lambda2.00000, NP2.30.227.00000, delta31.00000, lambda10.00000

IDC 27 01:42:52.8, 3.6, 44:53N; 149:52E, h0km, mb3.6/5, mb1 3.8/5, mb1mx3.5/20, mbtmp3.6/5, Error ellipse: s-maj=118.6km s-min=33.6km az=4.0, Kuril Islands

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res. Rows include SONM Songoing Array, MKAR Makanchi Array, FINES Finess Array B, etc.

IDC 27 01:43:43.0, 3.4, 77:25S; 123:37E, h172km, 37km, mb3.4/3, mb1 3.6/5, mb1mx3.3/19, mbtmp3.5/5, MS3.7/1, Ms1 3.6/1, ms1mx2.1/3, Error ellipse: s-maj=62.8km s-min=13.0km az=68.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res. Rows include FITZ Fitzroy Crossi, WRA Waraung Array, ASAR Alice Springs, etc.

TRN 27 01:51:29.4, 19:11N; 64:56W, h3km RSPR 27 01:51:30.0, 19:27N; 64:19W, h70km, 12km, MD3.7/8

NEIC 27 01:51:30.0, 19:27N; 64:19W, h70km, MD3.7(RSPR), After RSPR

ISC 27 01:52:29.5, 2.7, 19:27N; 0:08:64.3W; 0.3, h20km, 40km, n19, r037:31, 10C-8D, Virgin Islands

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res. Rows include TBVI Tortola, STVI Saint Thomas, MTP Monte Pirata, etc.

IDC 27 01:52:29.5, 2.7, 19:27N; 0:08:64.3W; 0.3, h20km, 40km, n19, r037:31, 10C-8D, Virgin Islands

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res. Rows include TBVI Tortola, STVI Saint Thomas, MTP Monte Pirata, etc.

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res. Rows include TBVI Tortola, STVI Saint Thomas, MTP Monte Pirata, etc.

IDC 27 01:52:19.6, 0.9, 23:39S; 115:46W, h0km, mb4.0/7, mb1 4.3/7, mb1mx4.2/15, mbtmp4.0/7, MS3.6/5, Ms1 3.7/5, ms1mx3.5/12, Error ellipse: s-maj=35.6km s-min=23.0km az=68.0

NEIC 27 01:52:21.7, 0.8, 23:41S; 115:13W, h10km, mb4.6/30, Error ellipse: s-maj=24.5km s-min=15.4km az=55.0

BUI 27 01:52:28.7, 23:40S; 115:10W, h10km, mb5.2/5, Ms5.1/5, Ms7.4/6/5

ISC 27 01:52:21.3, 0.9, 23:6S; 0:11:14.3W; 0.2, h10km, n181, r097:165, mb4.3/7, MS4.1/7, 56C-65D, Easter Island

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res. Rows include RPN Rapa Nui, PLCA Paso Flores, etc.

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res. Rows include PLCA Placa, OTAV Otavalo, LPAZ La Paz, etc.

IDC 27 01:53:00, 2.1, 19.9S; 109.9E, h10km, mb3.0/3, mb1 3.8/5, mb1mx3.3/19, mbtmp3.5/5, MS3.7/1, Ms1 3.6/1, ms1mx2.1/3, Error ellipse: s-maj=62.8km s-min=13.0km az=68.0, Banda Sea

IDC 27 01:53:00, 2.1, 19.9S; 109.9E, h10km, mb3.0/3, mb1 3.8/5, mb1mx3.3/19, mbtmp3.5/5, MS3.7/1, Ms1 3.6/1, ms1mx2.1/3, Error ellipse: s-maj=62.8km s-min=13.0km az=68.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res. Rows include PLCA Placa, OTAV Otavalo, LPAZ La Paz, etc.

IDC 27 01:53:00, 2.1, 19.9S; 109.9E, h10km, mb3.0/3, mb1 3.8/5, mb1mx3.3/19, mbtmp3.5/5, MS3.7/1, Ms1 3.6/1, ms1mx2.1/3, Error ellipse: s-maj=62.8km s-min=13.0km az=68.0, Banda Sea

IDC 27 01:53:00, 2.1, 19.9S; 109.9E, h10km, mb3.0/3, mb1 3.8/5, mb1mx3.3/19, mbtmp3.5/5, MS3.7/1, Ms1 3.6/1, ms1mx2.1/3, Error ellipse: s-maj=62.8km s-min=13.0km az=68.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res. Rows include PLCA Placa, OTAV Otavalo, LPAZ La Paz, etc.

IDC 27 01:53:00, 2.1, 19.9S; 109.9E, h10km, mb3.0/3, mb1 3.8/5, mb1mx3.3/19, mbtmp3.5/5, MS3.7/1, Ms1 3.6/1, ms1mx2.1/3, Error ellipse: s-maj=62.8km s-min=13.0km az=68.0, Banda Sea

IDC 27 01:53:00, 2.1, 19.9S; 109.9E, h10km, mb3.0/3, mb1 3.8/5, mb1mx3.3/19, mbtmp3.5/5, MS3.7/1, Ms1 3.6/1, ms1mx2.1/3, Error ellipse: s-maj=62.8km s-min=13.0km az=68.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res. Rows include PLCA Placa, OTAV Otavalo, LPAZ La Paz, etc.

IDC 27 01:53:00, 2.1, 19.9S; 109.9E, h10km, mb3.0/3, mb1 3.8/5, mb1mx3.3/19, mbtmp3.5/5, MS3.7/1, Ms1 3.6/1, ms1mx2.1/3, Error ellipse: s-maj=62.8km s-min=13.0km az=68.0, Banda Sea

IDC 27 01:53:00, 2.1, 19.9S; 109.9E, h10km, mb3.0/3, mb1 3.8/5, mb1mx3.3/19, mbtmp3.5/5, MS3.7/1, Ms1 3.6/1, ms1mx2.1/3, Error ellipse: s-maj=62.8km s-min=13.0km az=68.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res. Rows include PLCA Placa, OTAV Otavalo, LPAZ La Paz, etc.

IDC 27 01:53:00, 2.1, 19.9S; 109.9E, h10km, mb3.0/3, mb1 3.8/5, mb1mx3.3/19, mbtmp3.5/5, MS3.7/1, Ms1 3.6/1, ms1mx2.1/3, Error ellipse: s-maj=62.8km s-min=13.0km az=68.0, Banda Sea

IDC 27 01:53:00, 2.1, 19.9S; 109.9E, h10km, mb3.0/3, mb1 3.8/5, mb1mx3.3/19, mbtmp3.5/5, MS3.7/1, Ms1 3.6/1, ms1mx2.1/3, Error ellipse: s-maj=62.8km s-min=13.0km az=68.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res. Rows include PLCA Placa, OTAV Otavalo, LPAZ La Paz, etc.

IDC 27 01:53:00, 2.1, 19.9S; 109.9E, h10km, mb3.0/3, mb1 3.8/5, mb1mx3.3/19, mbtmp3.5/5, MS3.7/1, Ms1 3.6/1, ms1mx2.1/3, Error ellipse: s-maj=62.8km s-min=13.0km az=68.0, Banda Sea

IDC 27 01:53:00, 2.1, 19.9S; 109.9E, h10km, mb3.0/3, mb1 3.8/5, mb1mx3.3/19, mbtmp3.5/5, MS3.7/1, Ms1 3.6/1, ms1mx2.1/3, Error ellipse: s-maj=62.8km s-min=13.0km az=68.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res. Rows include PLCA Placa, OTAV Otavalo, LPAZ La Paz, etc.

IDC 27 01:53:00, 2.1, 19.9S; 109.9E, h10km, mb3.0/3, mb1 3.8/5, mb1mx3.3/19, mbtmp3.5/5, MS3.7/1, Ms1 3.6/1, ms1mx2.1/3, Error ellipse: s-maj=62.8km s-min=13.0km az=68.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res. Rows include PLCA Placa, OTAV Otavalo, LPAZ La Paz, etc.

27d 5h

Table with columns: Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MK31 Makanchi Array, ILAR Eielson Array, BVAR Borovoye Array.

ISCJB 27 02:11:56.0-1.4, 19.31N-0.08-64.54W, 0.05, h21km, 11km, Error ellipse: s-maj=12.8km s-min=7.2km az=171.4

TRN 27 02:11:56.2, 19.14N-64.55W, h19km, MS3, 9(FD), Error ellipse: s-maj=12.8km s-min=7.2km az=171.4

RSPR 27 02:11:58.4, 19.17N-64.41W, h57km, 15km, MD3, 6(B), Error ellipse: s-maj=12.8km s-min=7.2km az=171.4

NEIC 27 02:11:58.4, 19.17N-64.41W, h57km, 15km, (RSDP), After RSPR.

ISC 27 02:11:56.6-1.4, 19.26N-0.07-64.59W, 0.05, h11km, 7km, n35, c0571/54, 14C-14D, Virgin Islands

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

ISK 27 02:28:18.0, 35.89N-27.10E, h20km, MD3.2, Error ellipse: s-maj=12.8km s-min=7.2km az=171.4

ATH 27 02:28:19.9, 36.09N-27.05E, h31km, 2M, MD2, 9(A), Error ellipse: s-maj=12.8km s-min=7.2km az=171.4

NEIC 27 02:28:19.9, 36.09N-27.05E, h31km, 2M, 9(ATH), After ATH.

CSEM 27 02:28:20.8-0.3, 36.02N-27.11E, h24km, 3km, MD2.9, Error ellipse: s-maj=9.5km s-min=6.0km az=130.0

ISC 27 02:28:21.1-1.1, 35.96N-0.06-27.14E, 0.08, h62km, 14km, n21, c0579/34, Dodecanese Islands

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

IDC 27 02:31:18.5-3.5, 50.155N-128.23E, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.9/1.1, mbmtpx4.0/3, MS3.7/1, Ms1 3.6/1, ms1mx3.2/10, Error ellipse: s-maj=119.1km s-min=39.0km, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Lists stations in the Western Indian-Antarctic Ridge region.

ECX 27 03:00:30.0-0.5, 32.34N-115.28W, h4km, MD3.1, ML3.2, NEIC 27 03:00:29.0, 32.25N-115.32W, h16km, ML3.2(EXC), ML3.0(PAS), 8C-7D, After PAS., California-Baja California border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Lists stations in the California-Baja California border region.

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

ISK 27 03:04:15.7, 37.02N-29.14E, h12km, MD3.1, Error ellipse: s-maj=5.6km s-min=4.0km az=110.0

CSEM 27 03:04:16.3-0.1, 37.02N-29.15E, h12km, MD3.1, Error ellipse: s-maj=2.7km s-min=2.0km az=8.0

DDA 27 03:04:16.5, 37.01N-29.17E, h7km, 2km, MD2.9, Error ellipse: s-maj=2.7km s-min=2.0km az=8.0

ISC 27 03:04:16.8-0.5, 37.03N-0.03-29.15E, 0.03, h12km, 4km, n49, c088/61, 1C, Turkey

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

ISCJB 27 03:34:15.1-1.9, 23.5S-0.3-115.3W, 0.3, h10km, mb4.1/19, MS3.8/7, Error ellipse: s-maj=59.1km s-min=14.1km az=140.2

IDC 27 03:34:15.7-1.3, 23.44S-115.26W, h0km, mb3.8/8, mb1 4.1/8, mb1mx4.0/15, mbmtpx3.8/8, MS3.8, Ms1 3.8/8, ms1mx3.6/17, Error ellipse: s-maj=46.4km s-min=23.2km az=43.0

NEIC 27 03:34:17.0-0.8, 23.50S-115.28W, h10km, mb4.4/11, Error ellipse: s-maj=25.7km s-min=12.0km az=53.0

ISC 27 03:34:16.7-1.9, 23.63S-115.40W, 0.4, h10km, n37, c089/24, mb4.1/19, MS3.8/7, Southern East Pacific Rise

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Lists stations in the Southern East Pacific Rise region.

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

TRN 27 03:45:22.2, 10.96N-61.69W, h22km, MD2.4, 1C-1D, Trinidad

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

WEL 27 04:16:52.0-0.7, 36.81S-177.37E, h155km, 11km, ML3.5/8, Error ellipse: s-maj=16.6km s-min=11.2km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Lists stations in the Off east coast of North Island region.

NEIC 27 04:22:10.4, 16.24N-98.50W, h27km, MD4.3(MEX), After MEX

MEX 27 04:22:10.5-0.8, 16.25N-98.50W, h27km, 10km, MD4.2, Near coast of Guerrero

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Lists stations in the Near coast of Guerrero region.

IGQ 27 04:56:26.4, 2.49S-80.68W, h12km, 16km, Mb4.2, Ms4.0, 4D, Error ellipse: s-maj=14.8km s-min=3.3km az=133.7, Near coast of Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Lists stations in the Near coast of Ecuador region.

ISCJB 27 05:00:08.0.4.38.28N.0.03:21.92E.0.03,h7km,3km,
 Error ellipse: s-maj=4.6km s-min=3.7km az=162.2
 CSEM 27 05:00:08.7.0.2.38.28N.21.92E,h5km,ML2.5/7,Error
 ellipse: s-maj=4.7km s-min=3.8km az=137.0
 THE 27 05:00:08.6.38.28N.21.91E,h8km,ML2.5/7,Error ellipse:
 s-maj=0.9km s-min=0.3km az=244.0
 NEIC 27 05:00:09.2.38.27N.21.91E,h5km,MD2.9(ATH),After
 ATH,
 ATH 27 05:00:09.3.38.27N.21.90E,h5km,MD2.9/5
 ISC 27 05:00:09.1.0.4.38.29N.0.03:21.91E.0.03,h6km,4km,
 n33,+0566/60,Greece

| Code | Station Name | Δ° | AZ° | Phase ID | Time | Res |
|------|----------------|------|-----|----------|------------|------|
| CD2 | CD2 | CD2 | CD2 | Op | h m s | ISC |
| LAKA | Lakka | 0.07 | 136 | P | 05 00 10.5 | -0.4 |
| LAKA | Lakka | 0.07 | 136 | P | 05 00 10.5 | -0.4 |
| LAKA | Lakka | 0.07 | 136 | P | 05 00 10.5 | -0.4 |
| LAKA | Lakka | 0.07 | 136 | P | 05 00 10.5 | -0.4 |
| LAKA | Lakka | 0.07 | 136 | P | 05 00 10.5 | -0.4 |
| UPR | University Cam | 0.10 | 264 | P | 05 00 10.8 | -0.5 |
| UPR | University Cam | 0.10 | 264 | P | 05 00 10.8 | -0.5 |
| UPR | University Cam | 0.10 | 264 | P | 05 00 10.8 | -0.5 |
| UPR | University Cam | 0.10 | 264 | P | 05 00 10.8 | -0.5 |
| UPR | University Cam | 0.10 | 264 | P | 05 00 10.8 | -0.5 |
| EFP | Efpalio | 0.13 | 357 | P | 05 00 11.8 | -0.1 |
| EFP | Efpalio | 0.13 | 357 | P | 05 00 11.8 | -0.1 |
| EFP | Efpalio | 0.13 | 357 | P | 05 00 11.8 | -0.1 |
| EFP | Efpalio | 0.13 | 357 | P | 05 00 11.8 | -0.1 |
| EFP | Efpalio | 0.13 | 357 | P | 05 00 11.8 | -0.1 |
| TRIZ | Trizonia | 0.14 | 60 | P | 05 00 11.8 | -0.2 |
| TRIZ | Trizonia | 0.14 | 60 | P | 05 00 11.8 | -0.2 |
| TRIZ | Trizonia | 0.14 | 60 | P | 05 00 11.8 | -0.2 |
| TRIZ | Trizonia | 0.14 | 60 | P | 05 00 11.8 | -0.2 |
| TRIZ | Trizonia | 0.14 | 60 | P | 05 00 11.8 | -0.2 |
| KALE | Kalitheia | 0.20 | 61 | P | 05 00 12.0 | -0.1 |
| KALE | Kalitheia | 0.20 | 61 | P | 05 00 12.0 | -0.1 |
| KALE | Kalitheia | 0.20 | 61 | P | 05 00 12.0 | -0.1 |
| KALE | Kalitheia | 0.20 | 61 | P | 05 00 12.0 | -0.1 |
| KALE | Kalitheia | 0.20 | 61 | P | 05 00 12.0 | -0.1 |
| RLS | Riolos of Patr | 0.42 | 236 | P | 05 00 12.8 | -0.0 |
| RLS | Riolos of Patr | 0.42 | 236 | P | 05 00 12.8 | -0.0 |
| RLS | Riolos of Patr | 0.42 | 236 | P | 05 00 12.8 | -0.0 |
| RLS | Riolos of Patr | 0.42 | 236 | P | 05 00 12.8 | -0.0 |
| RLS | Riolos of Patr | 0.42 | 236 | P | 05 00 12.8 | -0.0 |
| GUR | Goura | 0.49 | 136 | P | 05 00 18.3 | -0.3 |
| GUR | Goura | 0.49 | 136 | P | 05 00 18.3 | -0.3 |
| GUR | Goura | 0.49 | 136 | P | 05 00 18.3 | -0.3 |
| GUR | Goura | 0.49 | 136 | P | 05 00 18.3 | -0.3 |
| GUR | Goura | 0.49 | 136 | P | 05 00 18.3 | -0.3 |
| DSF | Desfina | 0.50 | 76 | P | 05 00 25.6 | +0.0 |
| DSF | Desfina | 0.50 | 76 | P | 05 00 25.6 | +0.0 |
| DSF | Desfina | 0.50 | 76 | P | 05 00 25.6 | +0.0 |
| DSF | Desfina | 0.50 | 76 | P | 05 00 25.6 | +0.0 |
| DSF | Desfina | 0.50 | 76 | P | 05 00 25.6 | +0.0 |
| EVY | Evyrytania | 0.63 | 353 | P | 05 00 22.0 | -0.5 |
| EVY | Evyrytania | 0.63 | 353 | P | 05 00 22.0 | -0.5 |
| EVY | Evyrytania | 0.63 | 353 | P | 05 00 22.0 | -0.5 |
| EVY | Evyrytania | 0.63 | 353 | P | 05 00 22.0 | -0.5 |
| EVY | Evyrytania | 0.63 | 353 | P | 05 00 22.0 | -0.5 |
| AGG | Agios Georgios | 0.80 | 24 | P | 05 00 35.4 | +0.6 |
| AGG | Agios Georgios | 0.80 | 24 | P | 05 00 35.4 | +0.6 |
| AGG | Agios Georgios | 0.80 | 24 | P | 05 00 35.4 | +0.6 |
| AGG | Agios Georgios | 0.80 | 24 | P | 05 00 35.4 | +0.6 |
| AGG | Agios Georgios | 0.80 | 24 | P | 05 00 35.4 | +0.6 |
| LKR | Lokris | 0.92 | 67 | P | 05 00 27.7 | -0.9 |
| LKR | Lokris | 0.92 | 67 | P | 05 00 27.7 | -0.9 |
| LKR | Lokris | 0.92 | 67 | P | 05 00 27.7 | -0.9 |
| LKR | Lokris | 0.92 | 67 | P | 05 00 27.7 | -0.9 |
| LKR | Lokris | 0.92 | 67 | P | 05 00 27.7 | -0.9 |
| VLS | Valsamata | 1.05 | 264 | P | 05 00 28.0 | -1.7 |
| VLS | Valsamata | 1.05 | 264 | P | 05 00 28.0 | -1.7 |
| VLS | Valsamata | 1.05 | 264 | P | 05 00 28.0 | -1.7 |
| VLS | Valsamata | 1.05 | 264 | P | 05 00 28.0 | -1.7 |
| VLS | Valsamata | 1.05 | 264 | P | 05 00 28.0 | -1.7 |
| ITM | Ithomi | 1.11 | 179 | P | 05 00 31.4 | +0.7 |
| ITM | Ithomi | 1.11 | 179 | P | 05 00 31.4 | +0.7 |
| ITM | Ithomi | 1.11 | 179 | P | 05 00 31.4 | +0.7 |
| ITM | Ithomi | 1.11 | 179 | P | 05 00 31.4 | +0.7 |
| ITM | Ithomi | 1.11 | 179 | P | 05 00 31.4 | +0.7 |

ISCJB 27 05:20:50.2.0.4.38.28N.0.03:21.56E.0.02,h10km,Error
 ellipse: s-maj=4.1km s-min=2.7km az=169.6
 CSEM 27 05:20:50.6.0.2.38.28N.21.56E,h12km,MD3.0,Error
 ellipse: s-maj=5.6km s-min=3.6km az=167.0
 THE 27 05:20:50.2.38.28N.21.56E,h16km,ML2.4/7,Error
 ellipse: s-maj=0.7km s-min=0.3km az=145.0
 ATH 27 05:20:51.4.38.27N.21.59E,h12km,3km,(MD3)/5
 NEIC 27 05:20:51.4.38.27N.21.59E,h12km,MD3.0(ATH),After
 ATH,
 ISC 27 05:20:50.4.0.6.38.28N.0.03:21.56E.0.03,h19km,6km,
 n37,+059/64,3C,Greece

| Code | Station Name | Δ° | AZ° | Phase ID | Time | Res |
|------|----------------|------|-------|----------|------------|------|
| CD2 | CD2 | CD2 | CD2 | Op | h m s | ISC |
| RLS | Riolos of Patr | 0.08 | 251 | P | 05 00 54.0 | +0.1 |
| RLS | Riolos of Patr | 0.08 | 251 | P | 05 00 54.0 | +0.1 |
| RLS | Riolos of Patr | 0.08 | 251 | P | 05 00 54.0 | +0.1 |
| RLS | Riolos of Patr | 0.08 | 251 | P | 05 00 54.0 | +0.1 |
| RLS | Riolos of Patr | 0.08 | 251 | P | 05 00 54.0 | +0.1 |
| UPR | University Cam | 0.27 | 42 | P | 05 00 56.3 | -0.2 |
| UPR | University Cam | 0.27 | 42 | P | 05 00 56.3 | -0.2 |
| UPR | University Cam | 0.27 | 42 | P | 05 00 56.3 | -0.2 |
| UPR | University Cam | 0.27 | 42 | P | 05 00 56.3 | -0.2 |
| UPR | University Cam | 0.27 | 42 | P | 05 00 56.3 | -0.2 |
| LAKA | Lakka | 0.37 | 64 | P | 05 00 57.7 | -0.4 |
| LAKA | Lakka | 0.37 | 64 | P | 05 00 57.7 | -0.4 |
| LAKA | Lakka | 0.37 | 64 | P | 05 00 57.7 | -0.4 |
| LAKA | Lakka | 0.37 | 64 | P | 05 00 57.7 | -0.4 |
| LAKA | Lakka | 0.37 | 64 | P | 05 00 57.7 | -0.4 |
| EFP | Efpalio | 0.44 | 38 | P | 05 00 59.2 | -0.2 |
| EFP | Efpalio | 0.44 | 38 | P | 05 00 59.2 | -0.2 |
| EFP | Efpalio | 0.44 | 38 | P | 05 00 59.2 | -0.2 |
| EFP | Efpalio | 0.44 | 38 | P | 05 00 59.2 | -0.2 |
| EFP | Efpalio | 0.44 | 38 | P | 05 00 59.2 | -0.2 |
| EFP | Efpalio | 0.44 | 38 | P | 05 00 59.2 | -0.2 |
| EFP | Efpalio | 0.44 | 38 | P | 05 00 59.2 | -0.2 |
| EFP | Efpalio | 0.44 | 38 | P | 05 00 59.2 | -0.2 |
| EFP | Efpalio | 0.44 | 38 | P | 05 00 59.2 | -0.2 |
| EFP | Efpalio | 0.44 | 38 | P | 05 00 59.2 | -0.2 |
| TRIZ | Trizonia | 0.49 | 55 | P | 05 00 59.8 | -0.6 |
| TRIZ | Trizonia | 0.49 | 55 | P | 05 00 59.8 | -0.6 |
| TRIZ | Trizonia | 0.49 | 55 | P | 05 00 59.8 | -0.6 |
| TRIZ | Trizonia | 0.49 | 55 | P | 05 00 59.8 | -0.6 |
| TRIZ | Trizonia | 0.49 | 55 | P | 05 00 59.8 | -0.6 |
| KALE | Kalitheia | 0.55 | 56 | P | 05 01 00.9 | -0.5 |
| KALE | Kalitheia | 0.55 | 56 | P | 05 01 00.9 | -0.5 |
| KALE | Kalitheia | 0.55 | 56 | P | 05 01 00.9 | -0.5 |
| KALE | Kalitheia | 0.55 | 56 | P | 05 01 00.9 | -0.5 |
| KALE | Kalitheia | 0.55 | 56 | P | 05 01 00.9 | -0.5 |
| KALE | Kalitheia | 0.55 | 56 | P | 05 01 00.9 | -0.5 |
| KALE | Kalitheia | 0.55 | 56 | P | 05 01 00.9 | -0.5 |
| KALE | Kalitheia | 0.55 | 56 | P | 05 01 00.9 | -0.5 |
| KALE | Kalitheia | 0.55 | 56 | P | 05 01 00.9 | -0.5 |
| KALE | Kalitheia | 0.55 | 56 | P | 05 01 00.9 | -0.5 |
| KFL | Anninata | 0.61 | 273 | P | 05 01 01.9 | -0.5 |
| KFL | Anninata | 0.61 | 273 | P | 05 01 01.9 | -0.5 |
| KFL | Anninata | 0.61 | 273 | P | 05 01 01.9 | -0.5 |
| KFL | Anninata | 0.61 | 273 | P | 05 01 01.9 | -0.5 |
| KFL | Anninata | 0.61 | 273 | P | 05 01 01.9 | -0.5 |
| KFL | Anninata | 0.61 | 273 | P | 05 01 01.9 | -0.5 |
| KFL | Anninata | 0.61 | 273 | P | 05 01 01.9 | -0.5 |
| KFL | Anninata | 0.61 | 273 | P | 05 01 01.9 | -0.5 |
| KFL | Anninata | 0.61 | 273 | P | 05 01 01.9 | -0.5 |
| KFL | Anninata | 0.61 | 273 | P | 05 01 01.9 | -0.5 |
| GUR | Goura | 0.64 | 103 | P | 05 01 02.2 | -0.7 |
| GUR | Goura | 0.64 | 103 | P | 05 01 02.2 | -0.7 |
| GUR | Goura | 0.64 | 103 | P | 05 01 02.2 | -0.7 |
| GUR | Goura | 0.64 | 103 | P | 05 01 02.2 | -0.7 |
| GUR | Goura | 0.64 | 103 | P | 05 01 02.2 | -0.7 |
| GUR | Goura | 0.64 | 103 | P | 05 01 02.2 | -0.7 |
| GUR | Goura | 0.64 | 103 | P | 05 01 02.2 | -0.7 |
| GUR | Goura | 0.64 | 103 | P | 05 01 02.2 | -0.7 |
| GUR | Goura | 0.64 | 103 | P | 05 01 02.2 | -0.7 |
| GUR | Goura | 0.64 | 103 | P | 05 01 02.2 | -0.7 |
| VLS | Valsamata | 0.77 | 277 | P | 05 01 11.2 | +0.5 |
| VLS | Valsamata | 0.77 | 277 | P | 05 01 11.2 | +0.5 |
| VLS | Valsamata | 0.77 | 277 | P | 05 01 11.2 | +0.5 |
| VLS | Valsamata | 0.77 | 277 | P | 05 01 11.2 | +0.5 |
| VLS | Valsamata | 0.77 | 277 | P | 05 01 11.2 | +0.5 |
| DSF | Desfina | 0.83 | 66 | P | 05 01 05.9 | -0.7 |
| DSF | Desfina | 0.83 | 66 | P | 05 01 05.9 | -0.7 |
| DSF | Desfina | 0.83 | 66 | P | 05 01 05.9 | -0.7 |
| DSF | Desfina | 0.83 | 66 | P | 05 01 05.9 | -0.7 |
| DSF | Desfina | 0.83 | 66 | P | 05 01 05.9 | -0.7 |
| DSF | Desfina | 0.83 | 66 | P | 05 01 05.9 | -0.7 |
| DSF | Desfina | 0.83 | 66 | P | 05 01 05.9 | -0.7 |
| DSF | Desfina | 0.83 | 66 | P | 05 01 05.9 | -0.7 |
| DSF | Desfina | 0.83 | 66 | P | 05 01 05.9 | -0.7 |
| DSF | Desfina | 0.83 | 66 | P | 05 01 05.9 | -0.7 |
| EVY | Evyrytania | 0.86 | 13 | P | 05 01 08.6 | +1.5 |
| EVY | Evyrytania | 0.86 | 13 | P | 05 01 08.6 | +1.5 |
| EVY | Evyrytania | 0.86 | 13 | P | 05 01 08.6 | +1.5 |
| EVY | Evyrytania | 0.86 | 13 | P | 05 01 08.6 | +1.5 |
| EVY | Evyrytania | 0.86 | 13 | P | 05 01 08.6 | +1.5 |
| EVY | Evyrytania | 0.86 | 13 | P | 05 01 08.6 | +1.5 |
| EVY | Evyrytania | 0.86 | 13 | P | 05 01 08.6 | +1.5 |
| EVY | Evyrytania | 0.86 | 13 | P | 05 01 08.6 | +1.5 |
| EVY | Evyrytania | 0.86 | 13 | P | 05 01 08.6 | +1.5 |
| EVY | Evyrytania | 0.86 | 13 | P | 05 01 08.6 | +1.5 |
| ITM | Ithomi | 0.95 | 162 | P | 05 01 22.3 | +1.0 |
| ITM | Ithomi | 0.95 | 162 | P | 05 01 22.3 | +1.0 |
| ITM | Ithomi | 0.95 | 162 | P | 05 01 22.3 | +1.0 |
| ITM | Ithomi | 0.95 | 162 | P | 05 01 22.3 | +1.0 |
| ITM | Ithomi | 0.95 | 162 | P | 05 01 22.3 | +1.0 |
| ITM | Ithomi | 0.95 | 162 | P | 05 01 22.3 | +1.0 |
| ITM | Ithomi | 0.95 | 162 | P | 05 01 22.3 | +1.0 |
| ITM | Ithomi | 0.95 | 162 | P | 05 01 22.3 | +1.0 |
| ITM | Ithomi | 0.95 | 162 | P | 05 01 22.3 | +1.0 |
| ITM | Ithomi | 0.95 | 162 | P | 05 01 22.3 | +1.0 |
| LKD2 | Lefkada island | 1.00 | 315 | P | 05 01 23.0 | +0.1 |
| LKD2 | Lefkada island | 1.00 | 315 | P | 05 01 23.0 | +0.1 |
| LKD2 | Lefkada island | 1.00 | 315 | P | 05 01 23.0 | +0.1 |
| LKD2 | Lefkada island | 1.00 | 315 | P | 05 01 23.0 | +0.1 |
| LKD2 | Lefkada island | 1.00 | 315 | P | 05 01 23.0 | +0.1 |
| LKR | Lokris | 1.27 | 63 | P | 05 01 14.7 | -0.2 |
| LKR | Lokris | 1.27 | 63 | P | 05 01 14.7 | -0.2 |
| LKR | Lokris | 1.27 | 63 | P | 05 01 14.7 | -0.2 |
| LKR | Lokris | 1.27 | 63 | P | 05 01 14.7 | -0.2 |
| LKR | Lokris | 1.27 | 63 | P | 05 01 14.7 | -0.2 |
| VLI | Veliai | 1.75 | 141 | P | 05 01 23.4 | -0.6 |
| VLI | Veliai | 1.75 | 141 | P | 05 01 23.4 | -0.6 |
| VLI | Veliai | 1.75 | 141 | P | 05 01 23.4 | -0.6 |
| VLI | Veliai | 1.75 | 141</ | | | |

27d 5h

Table with columns: LAZ, LADRON, 29.40 324 eP, P, 05 48 31.2 +2.6, etc. Lists various ranches and their details.

2008 JUL

Table with columns: SADO, Sadowa, 33.88 10 P, P, 05 49 07.3 -0.4, etc. Lists various ranches and their details.

1208

Table with columns: I18A, Diamond G Ranch, 37.78 333 P, P, 05 49 41.2 -0.1, etc. Lists various ranches and their details.

comp=N,0.9nm,0.6s,baz=180,slow=2.0,SNR=5.2
LPAZ La Paz 154.45 157 PKP2 PKPab 11 44 59.7 +1.3
LPAZ comp=Z,1.0nm,0.6s pmax

IDC 27 11:41:16.9,1.1,54.17N,161.37E,h0km,mb3.5/7,
mb1.3/8,mb1mx3.6/24,mbtmp3.5/8,ML3.3/1,Error
ellipse: s-maj=38.3km s-min=17.6km az=156.0
ISCJB 27 11:41:19.5,0.9,53.83N,161.58E,0.07,h29km,7km,
mb3.5/7,Error ellipse: s-maj=7.4km s-min=3.4km az=26.0
MOS 27 11:41:19.2,1.2,53.87N,161.66E,h27km,mb4.0/3,Error
ellipse: s-maj=17.7km s-min=9.5km az=72.1

KRSC 27 11:41:20.1,0.4,53.88N,161.39E,h24km,23km,ML4.4
ISC 27 11:41:19.1,0.9,53.84N,161.51E,0.07,h14km,6km,
n39,az=192/59,mb3.5/7,Off east coast of Kamchatka

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

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

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

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

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

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

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

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

MAN 27 11:56:56,5.81N,124.45E,h33km,mb4.0,ML2.8,MS2.5,
IC, Mindanao

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

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

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

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

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

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

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

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

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

AFghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AB31, AB31, etc.

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

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

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

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

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

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

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

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

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

BUI 27 12:15:47.6,36.64N,70.94E,h240km,mb4.8/1
ISCJB 27 12:15:48.7,0.3,36.54N,0.02,71.12E,0.04,h233km,4km,
mb3.8/27,Error ellipse: s-maj=5.3km s-min=3.7km
az=165.5

MOS 27 12:15:49.0,0.6,36.52N,71.11E,h239km,mb3.8/14,Error
ellipse: s-maj=10.0km s-min=6.4km az=109.7
NEIC 27 12:15:49.9,0.5,36.55N,71.07E,h226km,6km,mb4.1/25,
Error ellipse: s-maj=6.3km s-min=4.8km az=49.0

IDC 27 12:15:51.8,2.2,36.63N,71.19E,h248km,20km,mb3.5/8,
mb1.3/6/13,mb1mx3.4/26,mbtmp3.6/13,Error ellipse:
s-maj=23.2km s-min=12.6km az=141.0
NMC 27 12:15:56.3,2.5,37.12N,71.19E,h250km,17km,mb3.2,
mp4.5,Error ellipse: s-maj=27.8km s-min=12.5km
az=35.0

ISC 27 12:15:49.7,0.3,36.58N,0.02,71.15E,0.04,h226km,4km,
n131,az=92/148,mb3.8/27,23C-8D,

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

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

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

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

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

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

comp=Z,2.4nm,1.1s,baz=166,slow=26,SNR=6.2
AB31 comp=Z,1.7nm,0.5s,baz=174,slow=9.8,SNR=43
AB31 15.07 331 eP Pn 12 21 54.4 -3.7

comp=Z,2.4nm,1.1s,baz=166,slow=26,SNR=6.2
AB31 15.07 331 eP Pn 12 21 54.4 -3.7

comp=Z,2.4nm,1.1s,baz=166,slow=26,SNR=6.2
AB31 15.07 331 eP Pn 12 21 54.4 -3.7

comp=Z,2.4nm,1.1s,baz=166,slow=26,SNR=6.2
AB31 15.07 331 eP Pn 12 21 54.4 -3.7

comp=Z,2.4nm,1.1s,baz=166,slow=26,SNR=6.2
AB31 15.07 331 eP Pn 12 21 54.4 -3.7

comp=Z,2.4nm,1.1s,baz=166,slow=26,SNR=6.2
AB31 15.07 331 eP Pn 12 21 54.4 -3.7

comp=Z,2.4nm,1.1s,baz=166,slow=26,SNR=6.2
AB31 15.07 331 eP Pn 12 21 54.4 -3.7

comp=Z,2.4nm,1.1s,baz=166,slow=26,SNR=6.2
AB31 15.07 331 eP Pn 12 21 54.4 -3.7

comp=Z,2.4nm,1.1s,baz=166,slow=26,SNR=6.2
AB31 15.07 331 eP Pn 12 21 54.4 -3.7

comp=Z,2.4nm,1.1s,baz=166,slow=26,SNR=6.2
AB31 15.07 331 eP Pn 12 21 54.4 -3.7

comp=Z,2.4nm,1.1s,baz=166,slow=26,SNR=6.2
AB31 15.07 331 eP Pn 12 21 54.4 -3.7

comp=Z,2.4nm,1.1s,baz=166,slow=26,SNR=6.2
AB31 15.07 331 eP Pn 12 21 54.4 -3.7

comp=Z,2.4nm,1.1s,baz=166,slow=26,SNR=6.2
AB31 15.07 331 eP Pn 12 21 54.4 -3.7

comp=Z,2.4nm,1.1s,baz=166,slow=26,SNR=6.2
AB31 15.07 331 eP Pn 12 21 54.4 -3.7

comp=Z,2.4nm,1.1s,baz=166,slow=26,SNR=6.2
AB31 15.07 331 eP Pn 12 21 54.4 -3.7

comp=Z,2.4nm,1.1s,baz=166,slow=26,SNR=6.2
AB31 15.07 331 eP Pn 12 21 54.4 -3.7

comp=Z,2.4nm,1.1s,baz=166,slow=26,SNR=6.2
AB31 15.07 331 eP Pn 12 21 54.4 -3.7

comp=Z,2.4nm,1.1s,baz=166,slow=26,SNR=6.2
AB31 15.07 331 eP Pn 12 21 54.4 -3.7

comp=Z,2.4nm,1.1s,baz=166,slow=26,SNR=6.2
AB31 15.07 331 eP Pn 12 21 54.4 -3.7

comp=Z,2.4nm,1.1s,baz=166,slow=26,SNR=6.2
AB31 15.07 331 eP Pn 12 21 54.4 -3.7

comp=Z,2.4nm,1.1s,baz=166,slow=26,SNR=6.2
AB31 15.07 331 eP Pn 12 21 54.4 -3.7

comp=Z,2.4nm,1.1s,baz=166,slow=26,SNR=6.2
AB31 15.07 331 eP Pn 12 21 54.4 -3.7

comp=Z,2.4nm,1.1s,baz=166,slow=26,SNR=6.2
AB31 15.07 331 eP Pn 12 21 54.4 -3.7

comp=Z,2.4nm,1.1s,baz=166,slow=26,SNR=6.2
AB31 15.07 331 eP Pn 12 21 54.4 -3.7

comp=Z,2.4nm,1.1s,baz=166,slow=26,SNR=6.2
AB31 15.07 331 eP Pn 12 21 54.4 -3.7

comp=Z,2.4nm,1.1s,baz=166,slow=26,SNR=6.2
AB31 15.07 331 eP Pn 12 21 54.4 -3.7

comp=Z,2.4nm,1.1s,baz=166,slow=26,SNR=6.2
AB31 15.07 331 eP Pn 12 21 54.4 -3.7

comp=Z,2.4nm,1.1s,baz=166,slow=26,SNR=6.2
AB31 15.07 331 eP Pn 12 21 54.4 -3.7

Table of astronomical data for 2008 JUL, including columns for code, station name, magnitude, right ascension, declination, and other parameters.

Table of astronomical data for 2008 JUL, including columns for code, station name, magnitude, right ascension, declination, and other parameters.

Table of astronomical data for 2008 JUL, including columns for code, station name, magnitude, right ascension, declination, and other parameters.

JMA 27 12:48:48.3+0.3, 34:51N:02:128.04E:0.02, h10km, M2.5

ISC/JB 27 13:12:42.1-1.2, 13:2N:03:51.2E:0.1, h10km, mb3.8/5, MS3.6/5, Error ellipse: s-maj=39.4km s-min=10.4km az=21.0

JMU 14 43:52.5-3.6 Dalhousie 5.53 137 eSPK Sn

Table of astronomical data for 2008 JUL, including columns for code, station name, magnitude, right ascension, declination, and other parameters.

Table of astronomical data for 2008 JUL, including columns for code, station name, magnitude, right ascension, declination, and other parameters.

Table of astronomical data for 2008 JUL, including columns for code, station name, magnitude, right ascension, declination, and other parameters.

ISC/JB 27 13:03:03.4+0.3, 25:14N:05:123.77E:0.04, h130km, 4km, mb3.6/11, Error ellipse: s-maj=9.9km s-min=4.4km az=151.5

NEIC 27 13:03:04.7-2.3, 16N:123.74E, h128km, 18km, mb3.9/1, Error ellipse: s-maj=34.1km s-min=10.1km az=368.0

AGRA 14 44:18.5-1.5 MK31 Makanchi Array 12.90 35 eP Pn

Table of astronomical data for 2008 JUL, including columns for code, station name, magnitude, right ascension, declination, and other parameters.

Table of astronomical data for 2008 JUL, including columns for code, station name, magnitude, right ascension, declination, and other parameters.

Table of astronomical data for 2008 JUL, including columns for code, station name, magnitude, right ascension, declination, and other parameters.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ABKAR Akbulak array, QSPA South Pole Qui, BQSA South Pole Qui, etc.

DDA 27 15:32:18.9, 38.75N, 26.62E, h7km, 5km, Md2.9
ISC/JB 27 15:32:19.4, 0.6, 38.74N, 0.03, 26.59E, 0.04, h10km, 5km,
Error ellipse: s-maj=5.9km s-min=3.6km az=142.7

CSEM 27 15:32:19.3, 0.1, 38.74N, 0.26, 59E, h12km, Md2.9, Error
ellipse: s-maj=2.8km s-min=1.9km az=58.0
THE 27 15:32:19.3, 38.73N, 26.59E, h4km, ML3.0/5, Error ellipse:
s-maj=0.9km s-min=0.3km az=205.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URLA Izmir, URLA Izmir, BLCB Balçova, etc.

NIED 27 15:53:00, 28.20N, 140.20E, h520km, Mw4.7 Best
double couple: Mo1.20000, 1016 NP1, 328.00000,
delta2.00000, lambda.54.00000. NP2, phi81.00000, delta.00000,
lambda.151.00000
JMA 27 15:53:56.4, 0.2, 28.17N, 140.21E, h513km, 3km, M4.4
ISC/JB 27 15:53:56.0, 0.3, 28.02N, 0.03, 139.53E, 0.03,
h489km, 2km, mb4.4/112, Error ellipse: s-maj=4.2km
s-min=3.5km az=177.6

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHU Hanno, JHU Hanno, JRY Ryogami san, etc.

SSLB Suanglung 17.28 260 eP P 15 57 31.1 0.0
MDJ Mudanjiang 18.38 337 p sP 15 57 41.5 +0.3
MDJ Mudanjiang 18.38 337 p sP 15 57 41.5 +0.3

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

HHC Hu-ho-hao-te 26.29 306 eP sP 15 58 51.5 -0.8
HHC Hu-ho-hao-te 26.29 306 eP sP 15 58 51.5 -0.8
HHC Hu-ho-hao-te 26.29 306 eP sP 15 58 51.5 -0.8

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

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

ULN Ulanbaatar 32.06 317 eP P 15 59 43.0 +0.5
ULN Ulanbaatar 32.06 317 eP P 15 59 43.0 +0.5
ULN Ulanbaatar 32.06 317 eP P 15 59 43.0 +0.5

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

ULN Ulanbaatar 32.06 317 eP P 15 59 43.0 +0.5
ULN Ulanbaatar 32.06 317 eP P 15 59 43.0 +0.5
ULN Ulanbaatar 32.06 317 eP P 15 59 43.0 +0.5

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

| | | | | | | | | | |
|-------|--|-----------|-----|------|-----------------|--|--|--|--|
| ASAR | | | | | 16 03 23.7 | | | | |
| ULHL | Ulahof | 52.58 303 | P | P | 16 02 25.2 +0.9 | | | | |
| TKM2 | Tokmak 2 | 52.99 304 | P | P | 16 02 28.2 +1.1 | | | | |
| KSH | Kashi | 53.12 300 | P | P | 16 02 30.2 +3.9 | | | | |
| KSH | | | PcP | PcP | 16 03 31.5 +2.8 | | | | |
| KSH | | | pP | pP | 16 04 11.3 +7.6 | | | | |
| KSH | | | pp | pp | 16 04 41.5 +7.0 | | | | |
| KSH | | | sP | sP | 16 05 05.5 +8.4 | | | | |
| KSH | | | ScP | ScP | 16 06 39.5 +0.4 | | | | |
| KSH | | | PcS | PcS | 16 07 29.5 +1.1 | | | | |
| KSH | | | S | S | 16 09 23.5 +2.3 | | | | |
| KSH | | | ScS | ScS | 16 11 25.5 -0.6 | | | | |
| KSH | | | sS | sS | 16 12 21.0 +8.1 | | | | |
| KSH | | | SS | SS | 16 13 15.5 +6.4 | | | | |
| KSH | comp=Z,30nm,1.0s,mb4.6 | | | pmax | pmax | | | | |
| KSH | comp=Z,180nm,3.9s | | | | | | | | |
| KZA | Kyzar | 53.33 303 | P | P | 16 02 31.5 +1.9 | | | | |
| KBK | Karagaybulak | 53.49 304 | P | P | 16 02 31.7 +0.9 | | | | |
| CHMS | Chumysh | 53.60 304 | P | P | 16 02 31.9 +0.4 | | | | |
| USP | Ospenovka | 53.75 305 | P | P | 16 02 33.0 +0.4 | | | | |
| ATA | Tatalina | 53.82 31 | eP | P | 16 02 33.3 -0.4 | | | | |
| TKA | Ala-Archa | 53.93 304 | P | P | 16 02 33.1 0.0 | | | | |
| EIDS | Eidsvidt | 54.23 167 | eP | P | 16 02 35.8 -0.3 | | | | |
| EKS2 | Erkin-Say | 54.35 304 | P | P | 16 02 37.4 +0.6 | | | | |
| AML | Almayashu | 54.48 303 | P | P | 16 02 39.2 +1.4 | | | | |
| KDAK | Kodiak Island | 55.02 37 | P | P | 16 02 41.0 -0.2 | | | | |
| PPLA | Purkypille | 55.55 31 | eP | P | 16 02 46.1 +1.2 | | | | |
| BVAR | Borovyoye Array | 55.79 317 | P | P | 16 02 46.8 +0.1 | | | | |
| BVAR | comp=Z,2.7nm,0.4s,mb4.9,slow=9.0,SNR=216 | | | ScP | 16 06 48.2 -2.4 | | | | |
| BVAR | comp=Z,1.3nm,0.6s,baz=84,slow=12,SNR=5.1 | | | S | 16 09 54.0 -1.9 | | | | |
| BRVK | Borovyoye | 55.85 317 | iP | P | 16 02 47.0 -0.2 | | | | |
| BRVK | comp=Z,4.1nm,0.7s,mb4.9 | | | pmax | pmax | | | | |
| BRVK | comp=Z,4.2nm,1.0s,mb4.7 | | | | | | | | |
| BRVK | Borovyoye | 55.85 317 | eP | P | 16 02 46.8 -0.4 | | | | |
| BPW | Bear Paw Mtn. | 56.20 30 | eP | P | 16 02 49.9 +0.5 | | | | |
| RC01 | Rabbit Creek A | 56.59 33 | eP | P | 16 02 51.9 -0.3 | | | | |
| KK31 | Karatay Array | 56.66 305 | iP | P | 16 02 52.9 -0.1 | | | | |
| KK31 | comp=Z,1.8nm,0.4s,mb4.8 | | | | | | | | |
| COLD | Coldfoot | 56.84 26 | eP | P | 16 02 54.5 +0.8 | | | | |
| COLA | COLA | 57.61 29 | eP | P | 16 02 59.2 +0.2 | | | | |
| COLA | comp=Z,1.0nm,0.6s,mb4.3 | | | | | | | | |
| COLA | College | 57.61 29 | eP | P | 16 02 59.2 +0.1 | | | | |
| ILAR | Eielsen Array | 58.02 29 | eP | P | 16 03 00.8 -1.0 | | | | |
| ILAR | comp=Z,4.4nm,0.4s,mb4.1,baz=248,slow=5.7,SNR=123 | | | | | | | | |
| PAX | Paxson | 58.63 31 | eP | P | 16 03 06.1 +0.1 | | | | |
| PAX | comp=Z,1.1nm,1.0s,mb4.1 | | | | | | | | |
| PAX | Paxson | 58.63 31 | eP | P | 16 03 06.1 +0.1 | | | | |
| PAX | comp=Z,1.1nm,1.0s,mb4.1 | | | | | | | | |
| BMRM | Bremner River | 59.09 33 | eP | P | 16 03 09.5 +0.4 | | | | |
| MENT | Mentasta | 59.43 31 | eP | P | 16 03 11.7 +0.3 | | | | |
| FORT | Forrest | 59.50 192 | eP | P | 16 03 11.6 -0.7 | | | | |
| KBL | Kabul | 59.54 295 | eP | P | 16 03 12.8 +0.1 | | | | |
| KBL | comp=Z,2.8nm,0.9s,mb4.7 | | | | | | | | |
| KBL | Kabul | 59.54 295 | eP | P | 16 03 12.8 +0.1 | | | | |
| STKA | Stephens Creek | 59.60 178 | eP | P | 16 03 12.3 -0.6 | | | | |
| STKA | comp=Z,4.9nm,0.8s,mb4.0 | | | | | | | | |
| STKA | Stephens Creek | 59.60 178 | eP | P | 16 03 12.4 -0.5 | | | | |
| EGAK | Eagle | 60.47 29 | eP | P | 16 03 17.8 -0.5 | | | | |
| BBOO | Buckleboo | 60.59 183 | eP | P | 16 03 18.7 -0.8 | | | | |
| SVE | Sverdlovsk | 61.08 322 | iP | P | 16 03 22.4 0.0 | | | | |
| SVE | comp=Z,2.1nm,1.2s,mb4.8 | | | | | | | | |
| MORW | Morawa | 61.08 204 | eP | P | 16 03 21.8 -1.0 | | | | |
| DAWY | Dawson | 61.29 30 | eP | P | 16 03 24.0 +0.3 | | | | |
| ARU | Arti | 62.27 322 | iP | P | 16 03 29.3 +0.5 | | | | |
| ARU | | | S | S | 16 05 51.1 | | | | |
| ARU | | | SS | SS | 16 11 18.2 +0.6 | | | | |
| ARU | | | | pmax | 16 15 29.9 -1.6 | | | | |
| SOKR | Solikamsk | 62.69 325 | eP | P | 16 03 33.5 +0.6 | | | | |
| SOKR | comp=Z,9.0nm,0.6s,mb4.5 | | | | | | | | |
| AB31 | Akbulak array | 62.79 314 | eP | P | 16 03 33.0 -0.8 | | | | |
| AB31 | comp=Z,6.0nm,0.3s,mb4.6 | | | | | | | | |
| ABKAR | Akbulak array | 62.79 314 | eP | P | 16 03 33.0 -0.8 | | | | |
| INK | Inuvik | 63.15 25 | P | P | 16 03 35.5 -0.3 | | | | |
| INK | comp=Z,2.9nm,0.4s,mb4.1,baz=302,slow=4.6,SNR=4.9 | | | | | | | | |
| INK | Inuvik | 63.15 25 | P | P | 16 03 35.5 -0.3 | | | | |
| AKTK | Aktyubinsk | 63.75 315 | P | P | 16 03 39.2 -0.7 | | | | |
| AKTO | Aktyubinsk | 63.75 315 | P | P | 16 03 39.2 -0.7 | | | | |
| DLBC | Dease Lake | 66.78 35 | P | P | 16 03 59.9 +1.1 | | | | |
| KEV | Kevo | 71.33 340 | eP | P | 16 04 24.5 -1.6 | | | | |
| KEV | comp=Z,8.0nm,0.8s,mb4.3 | | | | | | | | |
| KEV | Kevo | 71.33 340 | eP | P | 16 04 24.5 -1.6 | | | | |
| KEV | comp=Z,7.7nm,0.8s,mb4.3 | | | | | | | | |
| RES | Resolute Bay | 71.69 13 | P | P | 16 04 27.8 -0.4 | | | | |
| ARCES | ARCES Array B | 71.90 340 | P | P | 16 04 29.7 +0.3 | | | | |
| YKA | Yellowknife Ar | 72.42 28 | P | P | 16 04 32.1 -0.5 | | | | |
| JOF | Joensuu | 73.22 333 | eP | P | 16 04 36.1 -1.1 | | | | |
| JOF | comp=Z,10.0nm,0.5s,mb4.6 | | | | | | | | |
| JOF | Joensuu | 73.22 333 | eP | P | 16 04 36.1 -1.1 | | | | |
| OBN | Obninsk | 74.44 324 | eP | P | 16 04 44.2 -0.1 | | | | |
| OBN | comp=Z,10nm,0.5s,mb4.6 | | | | | | | | |
| OBN | | | eS | S | 16 13 35.9 -3.1 | | | | |
| OBN | | | | pmax | | | | | |
| HDW | Hoodsport | 74.77 44 | P | P | 16 04 45.9 +1.3 | | | | |
| VDB | Vedder Mountain | 74.77 43 | P | P | 16 04 44.8 +0.2 | | | | |
| A05A | Maple Falls | 74.50 43 | iP | P | 16 04 45.2 +0.5 | | | | |
| E03A | Lebam | 74.61 45 | iP | P | 16 04 46.1 +0.7 | | | | |
| CMW | Cutus Mountain | 74.72 43 | P | P | 16 04 47.0 +1.0 | | | | |
| VSR | Storzhevoje | 74.76 320 | eP | P | 16 04 45.7 -0.5 | | | | |
| VSR | comp=N,10.0nm,1.1s | | | pmax | pmax | | | | |
| VSR | comp=Z,20nm,1.1s,mb4.6 | | | | | | | | |
| VSR | | | | pmax | pmax | | | | |
| VORD | Divnogorie | 74.80 320 | eP | P | 16 04 45.9 -0.5 | | | | |
| VORD | comp=Z,10.0nm,0.9s,mb4.3 | | | | | | | | |
| VORD | | | | pmax | pmax | | | | |
| VORD | comp=N,3.0nm,0.4s | | | | | | | | |

| | | | | | | | | | |
|-------|---|-----------|-----|------|-----------------|--|--|--|--|
| D05A | comp=E,10.0nm,0.9s | | | | | | | | |
| ENUM | Enumclaw | 75.32 44 | iP | P | 16 04 49.5 0.0 | | | | |
| TDL | Tradeolliar La | 75.54 45 | eP | P | 16 04 51.7 +1.1 | | | | |
| F04A | Ambry | 75.59 46 | iP | P | 16 04 50.7 -0.3 | | | | |
| LOV | Longmire | 75.62 45 | eP | P | 16 04 51.2 +0.1 | | | | |
| LOV | comp=Z,2.0nm,0.7s,mb3.8 | | | pmax | pmax | | | | |
| LOV | Longmire | 75.62 45 | eP | P | 16 04 51.2 +0.1 | | | | |
| KAF | Kangasniemi | 75.63 334 | eP | P | 16 04 49.5 -1.3 | | | | |
| KAF | comp=Z,10.0nm,0.5s,mb4.6 | | | pmax | pmax | | | | |
| KAF | Kangasniemi | 75.63 334 | eP | P | 16 04 49.5 -1.3 | | | | |
| KAF | comp=Z,10.0nm,0.5s,mb4.6 | | | | | | | | |
| KAF | Kangasniemi | 75.63 334 | eP | P | 16 04 49.5 -1.3 | | | | |
| KAF | comp=Z,10.0nm,0.5s,mb4.6,baz=55,slow=5.2 | | | | | | | | |
| KIV | Kislovodsk | 77.22 312 | eP | P | 16 04 51.6 -0.1 | | | | |
| KIV | comp=Z,1.1nm,0.9s,mb4.4 | | | pmax | pmax | | | | |
| GNI | Garni | 75.94 308 | eP | P | 16 04 52.8 -0.2 | | | | |
| GNI | comp=Z,9.0nm,1.2s | | | pmax | pmax | | | | |
| FINES | FINESS Array B | 76.08 333 | P | P | 16 04 52.7 -0.6 | | | | |
| FINES | comp=Z,1.4nm,0.5s,mb4.8,baz=70,slow=5.0,SNR=172 | | | | | | | | |
| FINES | FINESS Array B | 76.08 333 | P | P | 16 04 52.7 -0.6 | | | | |
| H04A | Detroit Lake | 76.28 47 | iP | P | 16 04 54.7 0.0 | | | | |
| WTV | Waterville | 76.34 43 | eP | P | 16 04 55.4 +0.3 | | | | |
| B0A | Colville Reser | 76.42 42 | iP | P | 16 04 55.5 +0.1 | | | | |
| B0A | baz=76 | | | | | | | | |
| HUMO | Hill Mountain | 76.67 49 | eP | P | 16 04 57.3 +0.3 | | | | |
| G06A | Carlson Farm | 77.02 46 | iP | P | 16 04 58.2 -0.6 | | | | |
| YBH | Yreka Blue Hor | 77.22 50 | eP | P | 16 05 00.5 +0.4 | | | | |
| YBH | comp=Z,4.0nm,0.7s,mb4.0,baz=106,slow=7.3,SNR=17 | | | | | | | | |
| YBH | Yreka Blue Hor | 77.22 50 | eP | P | 16 05 00.5 +0.4 | | | | |
| YBH | comp=Z,1.5nm,0.8s,baz=118,slow=1.9,SNR=6.6 | | | | | | | | |
| YBH | Yreka Blue Hor | 77.22 50 | eP | P | 16 05 00.5 +0.5 | | | | |
| YBH | | | | pmax | 16 06 50.3 +5.0 | | | | |
| YBH | | | | | | | | | |
| YBH | comp=Z,4.0nm,0.7s | | | pmax | pmax | | | | |
| YBH | comp=Z,2.0nm,0.8s | | | | | | | | |
| YBH | Yreka Blue Hor | 77.22 50 | eP | P | 16 05 00.4 +0.4 | | | | |
| OD2 | Odessa Site #2 | 77.23 43 | eP | P | 16 04 60.0 0.0 | | | | |
| D08A | Wollman Farm | 77.26 43 | iP | P | 16 04 59.6 -0.5 | | | | |
| VIPM | Ingram Point | 77.36 46 | eP | P | 16 05 01.5 +0.8 | | | | |
| E09A | Wood Farm, Sta | 77.98 44 | iP | P | 16 05 02.3 -1.8 | | | | |
| K05A | Summer Lake | 77.99 48 | iP | P | 16 05 04.5 +0.3 | | | | |
| G08A | Pilot Rock | 78.05 45 | iP | P | 16 05 04.3 -0.1 | | | | |
| I07A | Izee | 78.07 46 | iP | P | 16 05 05.1 -0.5 | | | | |
| QRN | Al-Qurain | 78.40 296 | eP | P | 16 05 06.0 -0.6 | | | | |
| QRN | | | Amb | AMB | 16 05 07.0 | | | | |
| C11A | Tepee Creek (N | 78.48 42 | iP | P | 16 05 05.3 -1.4 | | | | |
| RDF | Al-Radifiah | 78.61 297 | eP | P | 16 05 07.7 -0.1 | | | | |
| RDF | | | Amb | AMB | 16 05 09.1 | | | | |
| NAY | Al-Naieim | 78.72 297 | eP | P | 16 05 07.5 -0.9 | | | | |
| NAY | comp=Z,3.3nm,0.8s,mb4.9 | | | Amb | 16 05 09.4 | | | | |
| MOD | Modoc | 78.75 49 | eP | P | 16 05 08.6 +0.3 | | | | |
| F10A | Beach Ranch, E | 78.80 44 | iP | P | 16 05 07.4 -1.0 | | | | |
| WALA | Waterton Lakes | 79.23 40 | eP | P | 16 05 11.1 +0.4 | | | | |
| B13A | Whitefish | 79.26 41 | iP | P | 16 05 11.2 +0.4 | | | | |
| B13A | baz=78,SNR=5.8 | | | | | | | | |
| J08A | Circle Bar Ran | 79.27 47 | iP | P | 16 05 11.5 +0.5 | | | | |
| J08A | baz=79 | | | | | | | | |
| BMO | Blue Mountains | 79.29 45 | eP | P | 16 05 11.2 +0.2 | | | | |
| BSMT | Basso Peak | 79.34 41 | eP | P</ | | | | | |

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Almayashu, Makanchi Array, MKAR, MKAR, MKAR, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like GUC 27 19:06:39.1, 2C-1D, Northern Chile, etc.

MOS 27 19:30:46.0, 1.1, 7.28S, 126.46E, h275km, mb4.9/29, Error ellipse: s-maj=7.7km s-min=5.2km az=112.3

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like AAI, NLA, MMRI, KDI, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like STKI, BINTU, KDM, TBP, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BANI, KTM, PDSI, NWAO, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include 517A Black Ridge, Q18A Rafter H Ranch, U16A Tuba City, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include W25A X Bar L Ranch, 224A Cornudas Mount, U26A Atlay Ranch, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ISCBJ 27 19:39:20, NEIC 27 19:39:21, Code Station Name, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SONM Sogino Array, MKAR Makanchi Array, CMAP Ching Mat Arr, CSEM 27 20:20:19, etc.

Table with columns: Code, Station Name, Az, AzE, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like MKAR Makanchi Array, KK31 Karatay Array, WMQ Urumqi, KURBB Kurchatov Arra, etc.

Table with columns: Code, Station Name, Az, AzE, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like LIC Lamto, LIC Lamto-baz=254, TIC Toudimi, etc.

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

ISCJB 27.21:01:59.0.0.6.33.19N.0.04.91E.0.1, h10km, mb3.5/4, Error ellipse: s-maj=14.3km s-min=6.3km az=2.2

ISCJB 27.21:15:42.2.1.2.2.58S.18.39W, h10km, mb5.6, MS5.3, mb5.7(NEIC)

BGS 27.21:15:24.2.1.2.2.58S.18.39W, h10km, mb5.6, MS5.3, mb5.7(NEIC)

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

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

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

Table of flight data for stations 27d 21h. Columns include station name, frequency, mode, and various signal quality metrics.

Table of flight data for stations 2008 JUL. Columns include station name, frequency, mode, and various signal quality metrics.

Table of flight data for stations 1228. Columns include station name, frequency, mode, and various signal quality metrics.

Table with columns: MDJ, Station Name, Time, Az, Phase, ID, Time, Res. Includes stations like Mudanjiang, Kuching, Nanjing, etc.

NEIC 27 21:30:33.2, 19:11N:67:73W, h68km, MD3.5(RSPR), After RSPR.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like Aguadilla, Las Mesas, etc.

ISCJB 27 21:42:10.7:0.5, 10:45N:0:03:62:71W:0:02, h20km:5km, mb3.4/5, Error ellipse: s-maj=5.1km s-min=3.3km

FUNV 27 21:42:10.3, 10:46N:62:64W, h2km, MW3.5 NEIC 27 21:42:10.3, 10:46N:62:64W, h2km, MD3.5(CAR), MD3.4(TRN), After CAR.

ISC 27 21:42:10.6:0.6, 10:47N:0:03:62:68W:0:02, h10km:4km, n29, r:1504/51, mb3.4/5, 3C, Near coast of Venezuela

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like Guano, Guiria, Carupano, etc.

Table with columns: TBH, Station Name, Time, Az, Phase, ID, Time, Res. Includes stations like Greenville, Puerto La Cruz, etc.

CSEM 27 21:52:39.4:0.1, 32:38N:47:38E, h2km, ML5.4, Error ellipse: s-maj=4.2km s-min=2.1km az=109.0, Iran-Iraq border region

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like Shoshtar-Gavs, MIB, etc.

ISCJB 27 21:54:10.4:0.8, 38:50N:0:06:27:57E:0:06, h2km:12km, Error ellipse: s-maj=11.0km s-min=5.7km az=146.5

CSEM 27 21:54:10.6:0.1, 38:53N:27:55E, h2km, MD2.6, Error ellipse: s-maj=3.1km s-min=1.1km az=166.0

ISC 27 21:54:10.5, 38:49N:27:55E, h8km:4km, MD2.7 ISK 27 21:54:10.0, 38:47N:27:56E, h9km, MD2.6

ISC 27 21:54:10.8:0.6, 38:48N:0:05:27:56E:0:04, h2km:7km, n23, r:073/34, Turkey

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

DJA 27 22:34:03.4:30Sx102:58E, h27km, MLV3.5/3, Southern Sumatra

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

SZGRF 27 22:41:54.9, 22:48N:94:66E, h116km, mb5.6, Myanmar TEH 27 22:42:04.8, 23:57N:94:76E, h12km

NEIC 27 22:42:05.5:0.3, 23:58N:94:64E, h94km:2km, mb5.2/136, Error ellipse: s-maj=4.2km s-min=2.5km az=219.0

BUI 27 22:42:05.0, 23:53N:94:50E, h110km, MB5.1/46 MOS 27 22:42:06.3:0.9, 23:59N:94:66E, h115km, mb5.2/84, Error ellipse: s-maj=8.4km s-min=3.3km az=128.8

ISC 27 22:42:06.0:0.1, 23:59N:0:02:94:60E:0:02, h112km, mb5.2/278, Error ellipse: s-maj=3.1km s-min=2.0km az=34.7

ICD 27 22:42:07.4:0.6, 23:57N:94:83E, h112km:4km, mb4.9/19, mb1.5/0:20, mb1mx4.9:22, mbtmp4.9:20, Error ellipse: s-maj=10.9km s-min=7.6km az=66.0

LDG 27 22:42:08.9:0.4, 23:57N:94:09E, h112km, Mb5.1/43, Error ellipse: s-maj=26.7km s-min=16.9km az=130

DJA 27 22:42:09.23:36N:94:46E, h113km, mb5.6/52 BGS 27 22:42:11.5:1.2, 24:05N:93:28E, h90km, mb5.1

ISC 27 22:42:08.0:0.1, 23:60N:0:02:94:63E:0:02, h114km, h114km:8km:pp-P, n917, r:092/938, mb5.2/278, 53C-268D, Myanmar-India border region

Table with columns: SLGI, Station Name, Time, Az, Phase, ID, Time, Res. Includes stations like Shiliguri, Chiang Mai, etc.

RAMN Ramite 8.00 296 ePn Pn 22 43 59.1 -2.3

JIRN Jiri 8.62 300 eSn Pn 22 44 07.2 -2.7

GUN Gumba 8.98 300 ePn Pn 22 44 12.2 -2.5

PKI Pulchoki 9.22 297 eSn Pn 22 44 15.1 -2.8

PKI Pulchoki 9.22 297 ePn Pn 22 44 15.3 -2.6

PKIN Phulchoki 9.23 297 eSn Pn 22 44 18.1 -3.4

KKN Kakani 9.41 298 ePn Pn 22 44 17.2 -3.3

DMN Daman 9.48 297 eSn Pn 22 45 56.2 -8.2

GKN Gorkha 10.02 298 ePn Pn 22 44 25.4 -3.4

KOLN Koldanda 10.78 295 eSn Pn 22 44 35.7 -3.8

CD2 Chengdu 10.90 46 P S Pn 22 44 40.0 -0.7

CD2 Chengdu 10.90 46 P S Pn 22 46 40.5 -0.2

CD2 Chengdu 10.90 46 P S Pn 22 50 29.8 -0.2

CD2 Chengdu 10.90 46 P S Pn 22 54 02.3 -1.6

CD2 Chengdu 10.90 46 P S Pn 22 54 02.3 -1.6

CD2 Chengdu 10.90 46 P S Pn 22 54 02.3 -1.6

CD2 Chengdu 10.90 46 P S Pn 22 54 02.3 -1.6

CD2 Chengdu 10.90 46 P S Pn 22 54 02.3 -1.6

CD2 Chengdu 10.90 46 P S Pn 22 54 02.3 -1.6

CD2 Chengdu 10.90 46 P S Pn 22 54 02.3 -1.6

CD2 Chengdu 10.90 46 P S Pn 22 54 02.3 -1.6

CD2 Chengdu 10.90 46 P S Pn 22 54 02.3 -1.6

CD2 Chengdu 10.90 46 P S Pn 22 54 02.3 -1.6

CD2 Chengdu 10.90 46 P S Pn 22 54 02.3 -1.6

CD2 Chengdu 10.90 46 P S Pn 22 54 02.3 -1.6

| | | | | |
|-------|---|-----------------|---|-----------------|
| KAKA | comp-Z,13nm,0.6s,mb5.1 | 51.67 130 eP | P | 22 51 02.4 -1.0 |
| KAKA | comp-Z,26nm,0.5s,mb5.5 | 51.67 130 eP | P | 22 51 02.8 -0.6 |
| TIXI | comp-Z,36nm,0.7s,mb5.6 | 51.85 13 iP | P | 22 51 03.0 -1.0 |
| TIXI | comp-Z,18nm,0.5s,mb5.4 | 51.85 13 iP | P | 22 51 02.6 -1.3 |
| MOS | comp-Z,30nm,0.5s,mb5.8 | 52.35 323 eP | P | 22 51 06.9 -1.1 |
| MOS | comp-Z,116nm,0.9s,mb5.9 | 52.35 323 eP | P | 22 51 10.3 +1.6 |
| MMAI | comp-Z,22nm,0.7s,mb5.3,baz=69,slow=9.3,SNR=26 | 52.80 322 P | P | 22 51 11.2 -0.1 |
| OBN | comp-Z,589nm,0.5s,SNR=5.2 | 52.80 322 dP | P | 22 51 11.2 -0.1 |
| OBN | comp-Z,31nm,0.6s,mb5.5 | 52.80 322 eP | P | 22 51 10.9 -0.4 |
| OBN | comp-Z,62nm,0.5s,mb5.9 | 52.80 322 eP | P | 22 51 38.4 +0.1 |
| SIM | Simerfopol' | 53.07 309 dP | P | 22 51 13.6 +0.2 |
| EIL | Elat | 53.20 290 eP | P | 22 51 41.5 -0.2 |
| BR131 | keskin Array S | 53.38 303 iP | P | 22 51 16.0 +0.2 |
| BR131 | keskin Array B | 53.38 303 iP | P | 22 51 42.6 -0.3 |
| BRTR | comp-Z,20nm,0.7s,mb5.3,baz=106,slow=6.5,SNR=135 | 53.38 303 P | P | 22 51 16.3 +0.5 |
| BRTR | comp-Z,17nm,1.0s | 53.38 303 P | P | 22 56 07.8 -1.2 |
| CSS | Prodhros | 53.92 297 eP | P | 22 51 18.9 -1.0 |
| AKASG | Malin Array Be | 56.63 316 P | P | 22 51 38.4 -0.7 |
| AKASG | comp-Z,59nm,0.6s,mb5.8,baz=84,slow=6.2,SNR=197 | 56.63 316 iP | P | 22 51 38.2 -0.8 |
| AKBB | Malin Array Si | 56.63 316 iP | P | 22 52 05.6 -0.8 |
| KIEV | comp-Z,78nm,0.8s,mb5.8 | 56.64 316 iP | P | 22 51 37.7 -1.4 |
| KIEV | comp-Z,78nm,0.8s,mb5.8 | 56.64 316 iP | P | 22 51 37.7 -1.4 |
| KIS | Kishinev | 56.81 312 iJUNK | P | 22 51 39.0 -1.3 |
| KIS | Kishinev | 56.81 312 eP | P | 22 51 39.0 -1.3 |
| KIS | Kishinev | 56.81 312 eP | P | 22 52 06.0 -1.7 |
| KIS | Kishinev | 56.81 312 eP | P | 22 52 20.0 -0.4 |
| TLCR | Kishinev | 56.83 310 iP | P | 22 51 39.5 +0.4 |
| TLCR | Kishinev | 56.83 310 iP | P | 22 51 40.7 +0.2 |
| TIRR | Tirgusor | 57.13 309 eP | P | 22 51 42.4 -0.2 |
| TIRR | Tirgusor | 57.13 309 iP | P | 22 51 43.4 -0.2 |
| LEOM | Leova | 57.20 311 eP | P | 22 51 43.3 +0.2 |
| LEOM | Leova | 57.20 311 eP | P | 22 51 43.0 -0.0 |
| CFR | Carcaliu | 57.30 310 P | P | 22 51 44.3 +0.4 |
| CFR | Carcaliu | 57.30 310 iP | P | 22 51 43.9 0.0 |
| CFR | Carcaliu | 57.30 310 iP | P | 22 51 44.3 0.0 |
| CFR | Carcaliu | 57.30 310 iP | P | 22 51 43.8 -0.1 |
| PSN | Presentists | 57.42 308 P | P | 22 51 44.6 +0.6 |
| CVD | Cernavoda | 57.41 309 eP | P | 22 51 44.6 0.0 |
| CVD | Cernavoda | 57.41 309 iP | P | 22 51 44.6 0.0 |
| APA | Apatity | 57.52 336 iP | P | 22 51 45.0 0.0 |
| APA | comp-Z,68nm,0.5s,mb5.9 | 57.52 336 iP | P | 22 52 15.0 +2.6 |
| APA | comp-Z,400nm,15.0s | 57.52 336 iP | P | 22 51 48.8 +0.2 |
| AMRR | Amara | 57.89 309 iP | P | 22 51 48.4 +0.4 |
| AMRR | Amara | 57.89 309 iP | P | 22 51 48.4 +0.4 |
| WRAB | Tennant Creek | 58.06 135 eP | P | 22 52 14.8 -2.1 |
| WRAB | comp-Z,54nm,0.7s,mb5.7 | 58.06 135 eP | P | 22 51 48.8 -2.1 |
| WRAB | comp-Z,54nm,0.7s,mb5.7 | 58.06 135 eP | P | 22 51 48.8 -2.1 |
| VRV | Vrincioaia | 58.27 310 P | P | 22 51 51.8 +1.0 |
| VRV | Vrincioaia | 58.27 310 iP | P | 22 51 51.8 +1.0 |
| VRV | Vrincioaia | 58.27 310 iP | P | 22 51 51.8 +1.0 |
| TESR | tesr | 58.30 311 iP | P | 22 51 50.7 -0.1 |
| TESR | tesr | 58.30 311 iP | P | 22 51 50.7 -0.1 |
| PLOH | Plostinia | 58.33 310 iP | P | 22 51 52.4 +1.4 |
| PLOH | Plostinia | 58.33 310 iP | P | 22 51 52.4 +1.4 |
| INCOM | Naroch | 58.35 321 eP | P | 22 51 48.0 -2.0 |
| IDID | Didziasalis | 58.40 322 eP | P | 22 51 51.7 +0.4 |
| JMB | Yambol | 58.57 306 P | P | 22 51 53.8 +1.1 |
| JMB | Yambol | 58.57 306 P | P | 22 51 53.7 +1.0 |
| SULR | Sulr | 58.66 309 iP | P | 22 51 53.4 0.0 |
| SULR | Sulr | 58.66 309 iP | P | 22 51 54.4 0.0 |
| TRO | Tromso | 58.66 309 iP | P | 22 51 53.4 +0.1 |
| IIGN | Ignalina | 58.70 322 eP | P | 22 51 53.9 +0.5 |
| IIGN | Ignalina | 58.70 322 eP | P | 22 51 54.8 0.0 |
| IZAR | Zarasai | 58.71 322 eP | P | 22 51 53.9 +0.4 |
| IZAR | Zarasai | 58.71 322 eP | P | 22 51 54.6 0.0 |
| MLR | Muntele Rosu | 58.84 310 P | P | 22 51 55.9 +1.4 |
| MLR | Muntele Rosu | 58.84 310 iP | P | 22 51 55.6 +1.1 |
| MLR | Muntele Rosu | 58.84 310 iP | P | 22 51 55.9 0.0 |
| KARP | Karpathos | 58.87 298 eP | P | 22 51 55.6 +1.1 |
| SZH | Strazhnica | 58.98 307 eP | P | 22 51 55.5 -0.1 |
| ALN | Alexandropoli | 59.02 309 eP | P | 22 51 55.7 +0.2 |
| KLBR | Kellerberin | 59.17 157 eP | P | 22 51 55.8 -1.1 |
| DOPR | Dopca | 59.20 311 iP | P | 22 51 57.6 +0.6 |
| BURAR | Bucovina Array | 59.25 313 iP | P | 22 51 57.5 +0.2 |
| BURAR | Bucovina Array | 59.25 313 iP | P | 22 51 57.5 +0.2 |
| BUR08 | Bucovina Ar. S | 59.25 313 iP | P | 22 51 57.5 +0.1 |
| FINES | FINESS Array B | 59.32 329 P | P | 22 51 57.6 0.0 |
| FINES | comp-Z,28nm,0.6s,mb5.5,baz=87,slow=5.9,SNR=159 | 59.32 329 P | P | 22 51 57.6 0.0 |
| CHOS | Chios Island | 59.37 302 P | P | 22 51 59.0 +0.7 |
| DIM | Dimitrovgrad | 59.38 306 P | P | 22 51 58.5 +0.2 |
| DIM | Pavlikeni | 59.39 307 P | P | 22 51 59.1 +0.2 |
| VOIR | Voiron | 59.47 310 P | P | 22 51 59.0 +0.2 |
| VOIR | Voiron | 59.47 310 iP | P | 22 51 59.0 +0.1 |
| VOIR | Voiron | 59.47 310 iP | P | 22 51 59.0 +0.1 |
| KDX | Kurdzhali | 59.50 306 P | P | 22 51 59.5 +0.3 |
| ZKR | Zakros | 59.50 307 P | P | 22 51 59.5 +0.1 |
| APE | Apeiranthos | 59.96 300 iP | P | 22 52 00.9 -1.5 |
| APE | Apeiranthos | 59.96 300 eP | P | 22 52 01.5 -0.9 |
| APE | Apeiranthos | 59.96 300 iP | P | 22 52 00.9 -1.5 |
| LTV | L'vov | 59.96 315 iP | P | 22 52 01.8 -0.4 |
| PLD | Plovdiv | 59.99 306 P | P | 22 52 02.6 +0.1 |
| RZH | Rozhen | 60.02 306 P | P | 22 52 03.1 +0.4 |
| TR1 | Thera Island | 60.11 300 P | P | 22 52 02.8 -0.7 |
| TR3 | Thira Island | 60.16 300 P | P | 22 52 04.0 +0.2 |
| NPS | Neapolis | 60.16 298 eP | P | 22 52 03.5 -0.3 |
| NWA0 | Narrogin (SRO) | 60.20 158 eP | P | 22 52 03.1 -0.8 |
| NWA0 | comp-Z,16nm,0.6s | 60.20 158 eP | P | 22 52 03.1 -0.8 |
| NWA0 | comp-Z,16nm,0.6s,mb5.2 | 60.20 158 eP | P | 22 52 05.0 +0.3 |
| LAST | Lasithi | 60.28 298 eP | P | 22 52 05.0 +0.3 |
| PGB | Pangurishte | 60.34 307 P | P | 22 52 05.4 +0.5 |
| KEV | Kevo | 60.35 338 eP | P | 22 52 05.0 +0.5 |
| KEV | comp-Z,38nm,0.8s,mb5.5 | 60.35 338 eP | P | 22 52 05.0 +0.6 |
| SUW | Suwalki | 60.42 320 eP | P | 22 52 04.7 -0.6 |
| SUW | Suwalki | 60.42 320 eP | P | 22 52 04.2 -1.1 |
| SUW | comp-Z,125nm,1.0s,mb5.9 | 60.42 320 eP | P | 22 52 04.2 -1.0 |
| ASAR | Alice Springs | 60.51 138 P | P | 22 52 06.3 +0.0 |
| ASAR | comp-Z,32nm,0.6s,mb5.5,baz=321,slow=6.7,SNR=330 | 60.51 138 P | P | 22 52 32.0 -1.8 |
| ASAR | comp-Z,8.2nm,0.8s,baz=315,slow=6.2,SNR=4.2 | 60.51 138 P | P | 22 31 33.5 |
| ASAR | comp-Z,0.8nm,0.8s,baz=116,slow=5.7,SNR=4.9 | 60.51 138 P | P | 22 52 06.3 +0.1 |
| ASAR | Alice Springs | 60.51 138 P | P | 22 52 32.1 -1.8 |
| ASAR | Alice Springs | 60.51 138 P | P | 22 52 06.3 +0.1 |
| ASAR | Alice Springs | 60.51 138 P | P | 22 52 32.0 -1.8 |
| ASAR | Alice Springs | 60.51 138 P | P | 22 31 33.5 |
| OUR | Ouranopolis | 60.73 304 P | P | 22 52 07.1 -0.5 |

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|-------|--|--------------|---|-----------------|
| ARCES | ARCCESS Array B | 60.82 338 P | P | 22 52 08.2 +0.5 |
| ARCES | comp-Z,37nm,0.6s,mb5.6,baz=95,slow=7.5,SNR=312 | 60.82 338 P | P | 22 56 41.1 -0.1 |
| AREO | comp-Z,2.6nm,0.7s,baz=84,slow=3.9,SNR=4.4 | 60.82 338 P | P | 22 52 08.2 +0.6 |
| KWP | Kalwaria Pacia | 60.82 315 iP | P | 22 52 08.3 +0.3 |
| KWP | Kalwaria Pacia | 60.82 315 iP | P | 22 52 08.2 +0.2 |
| KWP | Kalwaria Pacia | 60.82 315 iP | P | 22 52 34.8 -0.9 |
| KWP | Kalwaria Pacia | 60.82 315 iP | P | 22 52 08.2 +0.2 |
| KWP | Kalwaria Pacia | 60.82 315 iP | P | 22 52 34.8 -0.9 |
| KWP | Kalwaria Pacia | 60.82 315 iP | P | 22 52 08.2 +0.2 |
| KWP | Kalwaria Pacia | 60.82 315 iP | P | 22 52 08.2 +0.2 |
| KWP | Kalwaria Pacia | 60.82 315 iP | P | 22 52 09.8 +0.8 |
| KWBO | Kilima Mbogo | 60.88 255 P | P | 22 52 09.7 +0.8 |
| KWBO | Kilima Mbogo | 60.88 255 eP | P | 22 52 36.4 -0.3 |
| KWBO | Kilima Mbogo | 60.88 255 eP | P | 22 52 09.9 +0.7 |
| PMG | Port Moresby | 60.92 116 eP | P | 22 52 08.2 -1.0 |
| PMG | comp-Z,17nm,1.0s | 60.92 116 eP | P | 22 52 36.0 -0.8 |
| PMG | Port Moresby | 60.92 116 eP | P | 22 52 10.0 +0.8 |
| SRS | Serrai | 60.92 305 P | P | 22 52 07.8 -1.1 |
| DEV | Deva | 60.94 311 iP | P | 22 52 09.6 +0.7 |
| DEV | Deva | 60.94 311 iP | P | 22 52 09.6 +0.7 |
| DRGR | Karanos | 61.00 312 P | P | 22 52 10.1 +0.8 |
| DRGR | Karanos | 61.00 312 P | P | 22 52 10.1 +0.8 |
| DRGR | Karanos | 61.00 312 P | P | 22 52 09.7 +0.4 |
| PAIG | Paliouri | 61.01 304 P | P | 22 52 09.4 -0.1 |
| TRPA | Tirpa | 61.02 313 iP | P | 22 52 09.4 0.0 |
| VTS | Vitoshia | 61.04 307 iP | P | 22 52 10.0 +0.4 |
| VTS | Vitoshia | 61.04 307 iP | P | 22 52 09.1 -0.1 |
| VTS | Vitoshia | 61.04 307 iP | P | 22 52 09.9 +0.3 |
| VTS | Vitoshia | 61.04 307 iP | P | 22 52 10.0 +0.4 |
| GZR | Gura Zlata | 61.07 310 P | P | 22 52 10.2 +0.4 |
| GLR | Gura Zlata | 61.07 310 P | P | 22 52 10.1 +0.3 |
| GZR | Gura Zlata | 61.07 310 P | P | 22 52 10.1 +0.4 |
| PZG | Polygyros | 61.13 304 P | P | 22 52 10.0 -0.3 |
| PLG | Polygyros | 61.13 304 P | P | 22 52 09.8 -0.5 |
| UZH | Uzhgorod | 61.15 314 eP | P | 22 52 09.9 -0.4 |
| VLY | Voula, Athens | 61.21 301 eP | P | 22 52 09.5 -1.4 |
| KKB | Krupnik | 61.21 306 P | P | 22 52 10.3 -0.5 |
| VAR | Varna | 61.26 310 iP | P | 22 52 14.9 +0.1 |
| KNT | Kendrikori | 61.44 305 P | P | 22 52 11.7 -0.7 |
| NEO | Neokhori | 61.45 303 eP | P | 22 52 11.5 -0.9 |
| GVD | Gavdhos | 61.46 298 eP | P | 22 52 12.2 -0.4 |
| KARN | Karanos | 61.50 299 eP | P | 22 52 12.5 -0.4 |
| KARN | Karanos | 61.50 299 P | P | 22 52 11.7 -1.2 |
| STHS | Stebnicka Huta | 61.79 315 eP | P | 22 52 14.8 +0.2 |
| STHS | comp-Z,12nm,0.6s,mb5.1 | 61.79 315 eP | P | 22 52 14.8 +0.2 |
| STHS | Stebnicka Huta | 61.79 315 eP | P | 22 52 14.8 +0.2 |
| GRG | Griva | 61.84 305 P | P | 22 52 14.3 -0.7 |
| BZS | Buziasz | 61.86 310 P | P | 22 52 14.9 -0.2 |
| BZS | Buziasz | 61.86 310 P | P | 22 52 14.9 -0.2 |
| VLL | Veliai | 62.06 300 eP | P | 22 52 12.0 -4.6 |
| AGG | Agios Georgios | 62.17 303 P | P | 22 52 15.7 -1.6 |
| GUR | Goura | 62.33 302 eP | P | 22 52 16.5 -1.9 |
| GUR | Goura | 62.33 302 P | P | 22 52 16.8 -1.6 |
| KECS | Kecovo | 62.36 314 eP | P | 22 52 18.7 +0.3 |
| KECS | comp-Z,8.0nm,0.9s,mb4.8 | 62.36 314 eP | P | 22 52 18.7 +0.3 |
| KECS | comp-Z,7.5nm,0.9s,mb4.7 | 62.36 314 eP | P | 22 52 18.7 +0.3 |
| NIE | Niedzica | 62.39 315 iP | P | 22 52 19.2 +0.6 |
| NIE | Niedzica | 62.39 315 iP | P | 22 52 48.6 +2.2 |
| VLX | Vlachokerasia | 62.40 301 eP | P | 22 52 17.5 -1.3 |
| VLX | Vlachokerasia | 62.40 301 eP | P | 22 52 17.2 -1.6 |
| KZN | Kozani | 62.40 304 eP | P | 22 52 18.0 -0.8 |
| KZN | Kozani | 62.40 304 eP | P | 22 52 17.7 -1.1 |
| KALE | Kalitheia | 62.41 302 P | P | 22 52 17.0 -2.0 |
| TRIZ | Trizonia | 62.47 302 P | P | 22 52 17.3 -2.0 |
| LAKA | Lakka | 62.56 302 P | P | 22 52 18.4 -1.6 |
| EVR | Evyritania | 62.59 303 eP | P | 22 52 19.0 -1.1 |
| EPF | Epilatio | 62.59 303 eP | P | 22 52 18.5 -1.6 |
| FNA | Fenakia | 62.63 305 P | P | 22 52 19.1 -1.1 |
| ITM | Ithomi | 62.78 301 eP | P | 22 52 20.0 -1.4 |
| ITM | Ithomi | 62.78 301 eP | P | 22 52 20.1 -1.3 |
| FOR | Forrest | 62.85 148 eP | P | 22 52 21.7 -0.1 |
| NEST | Nestoro | 62.93 305 P | P | 22 52 21.2 -1.2 |
| PYL | PYLOS | 62.98 301 eP | P | 22 52 21.0 -1.7 |
| RLS | Riolos of Patr | 62.99 302 eP | P | 22 52 21.5 -1.3 |
| TR0 | Tromso | 63.12 338 iP | P | 22 52 23.1 +0.1 |
| DIVS | Divros | 63.19 309 P | P | 22 52 23.6 -0.3 |
| PVY | Plav | 63.41 307 iP | P | 22 52 25.0 0.0 |
| PVY | Plav | 63.41 307 iP | P | 22 52 25.4 0.0 |
| IVA | Berane | 63.42 308 iP | P | 22 52 25.5 0.0 |
| IVA | Berane | 63.42 308 iP | P | 22 52 25.6 +0.1 |
| VYHS | Vyhne | 63.45 314 eP | P | 22 52 25.7 +0.1 |
| VYHS | comp-Z,8.0nm,0.7s,mb4.8 | 63.45 314 eP | P | 22 52 25.7 + |

| | | | | | | |
|------|--------------------------|-----------|----|------|------------|------|
| MFF | Saint Martin d | 76.37 315 | iP | P | 22 53 44.4 | -0.3 |
| MFF | Saint Martin d | 76.37 315 | iP | P | 22 53 44.4 | -0.3 |
| MFF | comp=Z,16nm,0.9s,m5.4.8 | | | pmax | | |
| MFF | Saint Martin d | 76.37 315 | iP | P | 22 53 44.4 | -0.3 |
| WLF1 | Lynfaes | 76.59 322 | P | P | 22 53 46.0 | +0.2 |
| WLF1 | comp=Z,123nm,0.8s,m5.7 | | | AMB | | |
| WLF1 | Lynfaes | 76.59 322 | iP | AMB | 22 53 46.0 | +0.2 |
| WLF1 | comp=Z,123nm,0.8s,m5.7 | | | AMB | | |
| ETOS | Mallorca | 76.63 308 | P | P | 22 53 46.9 | +0.6 |
| ARMA | Armidale | 76.64 132 | iP | P | 22 53 46.7 | +0.4 |
| JSA | Saint Aubin | 76.75 318 | P | P | 22 53 46.4 | -0.4 |
| JSA | comp=Z,19nm,1.0s,m5.4.8 | | | AMB | | |
| JSA | Saint Aubin | 76.75 318 | iP | AMB | 22 53 46.4 | -0.4 |
| JSA | comp=Z,19nm,1.0s,m5.4.8 | | | AMB | | |
| MLS | Moulis | 76.78 311 | eP | P | 22 53 46.5 | -0.6 |
| EMIR | Miracle | 76.83 310 | P | P | 22 53 47.2 | -0.2 |
| CSOR | comp=Z,28nm,0.8s,m5.4.8 | | | | | |
| CSOR | Sort | 76.95 311 | P | P | 22 53 48.0 | 0.0 |
| CSOR | comp=Z,30nm,1.0s,m5.4.8 | | | | | |
| HEX | Exmoor | 77.06 320 | P | P | 22 53 48.1 | -0.4 |
| HEX | Exmoor | 77.06 320 | iP | P | 22 53 48.1 | -0.4 |
| GMM | Mts of Mourne | 77.09 324 | P | P | 22 53 48.9 | +0.3 |
| GMM | Mts of Mourne | 77.09 324 | iP | P | 22 53 48.9 | +0.3 |
| EPF | Esparrros | 77.27 311 | iP | P | 22 53 49.0 | -0.8 |
| EPF | comp=Z,9.6nm,0.8s,m5.4.3 | | | | | |
| EPF | Esparrros | 77.27 311 | iP | P | 22 53 49.0 | -0.8 |
| EPF | comp=Z,5.0nm,0.8s,m5.4.3 | | | pmax | | |
| EPF | Esparrros | 77.27 311 | iP | P | 22 53 49.0 | -0.8 |
| SGMF | Saint Gilles | 77.33 317 | iP | P | 22 53 50.2 | +0.2 |
| SGMF | comp=Z,54nm,0.5s,m5.2 | | | pmax | | |
| SGMF | Saint Gilles | 77.33 317 | iP | P | 22 53 50.2 | +0.2 |
| SGMF | comp=Z,27nm,0.5s,m5.2 | | | pmax | | |
| SGMF | Saint Gilles | 77.33 317 | iP | P | 22 53 50.2 | +0.2 |
| EPOB | Poblet | 77.34 310 | P | P | 22 53 50.0 | -0.2 |
| EPOB | comp=Z,29nm,1.1s,m5.4.9 | | | | | |
| RESF | Gns | 77.35 311 | eP | P | 22 53 50.7 | +0.4 |
| DYA | Yadsworth | 77.37 320 | P | P | 22 53 50.0 | -0.2 |
| DYA | comp=Z,19nm,1.0s,m5.4.8 | | | AMB | | |
| DYA | Yadsworth | 77.37 320 | iP | AMB | 22 53 50.0 | -0.2 |
| DYA | comp=Z,19nm,1.0s,m5.4.8 | | | AMB | | |
| TOO | Toolangi | 77.38 141 | eP | P | 22 53 50.3 | 0.0 |
| HTL | Harland | 77.49 320 | P | P | 22 53 51.1 | +0.2 |
| HTL | comp=Z,37nm,0.8s,m5.1 | | | AMB | | |
| HTL | Harland | 77.49 320 | iP | AMB | 22 53 51.1 | +0.2 |
| HTL | comp=Z,37nm,0.8s,m5.1 | | | AMB | | |
| EBIE | Blaisa | 77.53 311 | P | P | 22 53 51.6 | +0.3 |
| EBIE | comp=Z,19nm,0.9s,m5.4.8 | | | | | |
| VIEF | Viey | 77.54 311 | eP | P | 22 53 51.7 | +0.4 |
| ROSF | Rostreren | 77.74 317 | iP | P | 22 53 52.5 | +0.2 |
| ROSF | comp=Z,58nm,0.5s,m5.2 | | | | | |
| ROSF | Rostreren | 77.74 317 | iP | P | 22 53 52.5 | +0.2 |
| ROSF | comp=Z,29nm,0.5s,m5.3 | | | pmax | | |
| ROSF | Rostreren | 77.74 317 | iP | P | 22 53 52.5 | +0.2 |
| ROSF | comp=Z,29nm,0.5s,m5.3 | | | pmax | | |
| REVF | Montagne du Re | 77.75 312 | eP | P | 22 53 53.1 | +0.6 |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,17nm,0.5s,m5.4.8 | | | | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.0nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.4nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.0nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.4nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.0nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.4nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.0nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.4nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.0nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.4nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.0nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.4nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.0nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.4nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.0nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.4nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.0nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.4nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.0nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.4nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.0nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.4nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.0nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.4nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.0nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.4nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.0nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.4nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.0nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.4nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.0nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.4nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.0nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.4nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.0nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.4nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.0nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.4nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.0nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.4nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.0nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.4nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.0nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.4nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.0nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.4nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.0nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.4nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.0nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.4nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.0nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.4nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.0nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.4nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.0nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.4nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.0nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.4nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.0nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.4nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.0nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.4nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.0nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.4nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.0nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.4nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.0nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.4nm,0.5s,m5.4.8 | | | pP | | |
| QUIF | Quistinic | 77.83 317 | iP | P | 22 53 52.6 | -0.2 |
| QUIF | comp=Z,8.0nm | | | | | |

28d Oh

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LOR Lormes, SMRF Simiane la Rot, SBF Sospel, etc.

NIC 22:22:56.55:7.0,2.35:98N:30.95E, h36km, mb4.1, ML3.8, MW3.4

NEIC 22:22:57.01:0.35:39N:31.38E, h8km, ML3.8(NIC), ML3.6(ISK), After ISK

ISK 22:22:57.02:4.35:43N:31.37E, h8km, ML3.4

CSEM 22:22:57.03:1.0:2.35:44N:31.39E, h2km, Mw3.4, Error ellipse: s-maj=6.0km s-min=3.5km az=49.0

IDC 22:22:57.03:4.2:3.65:48N:31.60E, h0km, mb3.6/4, mb1.3/9, mb1mx3.4/25, mbtmp3.5/9, ML3.3/5, Error ellipse: s-maj=52.7km s-min=17.6km az=68.0

ISCJB 22:22:57.04:0.5:35:37N:01:04:31:36E:0.04, h42km,8km, mb3.5/4, Error ellipse: s-maj=7.1km s-min=3.9km az=39.2

DDA 22:22:57.08:9.36:49N:31.41E, h6km,7km, Md3.4

ISC 22:22:57.06:5.0:5.35:41N:01:04:31:34E:0.04, h37km,9km, n101, s19:07/118, mb3.5/4, Cyprus region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PPCY Paphos, ALFC Alevega, GAZI Gazipasa, etc.

2009 JUL

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LADK Ladiki-KONYA, DNZL Cakirokul, MERS Mersin, etc.

ISCJB 22:23:00:29.9:0.3:38:30N:01:02:22:74E:0.02, h10km, Error ellipse: s-maj=2.5km s-min=2.2km az=27.3

CSEM 22:23:00:30:0.0:1.38:30N:22:74E, h10km, ML2.6/11, Error ellipse: s-maj=1.7km s-min=1.5km az=21.0

THE 22:23:00:30:4.38:30N:22:74E, h10km, ML2.6/11, Error ellipse: s-maj=0.9km s-min=0.2km az=244.0

ATH 22:23:00:30:1.38:29N:22:71E, h5km,3km, ML2.1

ISC 22:23:00:30:3:0.5:38:30N:01:02:22:73E:0.02, h17km,7km, n50, s9:62/89, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DSF Desfina, LTRK Loutraki, LOKR Lokris, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PTL Penteli, PVR Evrytania, EVR Evrytania, etc.

IDC 27:23:04:00:7.4:1.24:68N:109:07W, h0km, mb3.1/1, mb1.3/5, mb1mx3.4/20, mbtmp3.1/5, ML3.3/4, Error ellipse: s-maj=55.2km s-min=24.4km az=154.0, Gulf of California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TXAR Lajitas Array, TXAR 0.6nm,0.3s, etc.

CSEM 27:23:04:19.1:0.1,32:18N:147:73E, h30km, ML3.6, Error ellipse: s-maj=4.4km s-min=2.8km az=103.0, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SHGR Shooshtar-Gavs, MIB Mutribah, UMR Um Al-Rimmam, etc.

GUC 27:23:21:59.5:0.6,24:02S:67:27W, h215km, ML3.9,2C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB04 Plate Boundary, CEN1 Los Morros, ANCH Antofagasta, etc.

DJA 27:23:53:06:075S:122:61E, h111km, MLV4.1/8, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LUWI Luwuk, APSI Ampapa, PCI Palu, etc.

NNC 28:00:01:23:5.5:6.50:44N:91:45E, h0km, mb4.2, mpv4.0, Error ellipse: s-maj=58.6km s-min=39.1km az=73.0

MOS 28:00:01:24:4:1.6:50:35N:91:18E, h10km, mb4.1/3, Error ellipse: s-maj=12.3km s-min=9.2km az=40.5

IDC 28:00:01:25:9:0.5:50:44N:91:18E, h0km, mb3.8/9, mb1.3/9/13, mb1mx3.8/28, mbtmp3.8/13, ML3.6/5, MS2.9/4, Ms1 2.9/4, ms1mx2.7/24, Error ellipse: s-maj=18.3km s-min=12.1km az=175.0

ISCJB 28:00:01:27:3:0.5:50:64N:01:03:90:87E:0.06, h10km, mb3.7/9, Error ellipse: s-maj=5.4km s-min=4.8km az=2.1

BUI 28:00:01:28:7:50:63N:90:62E, h31km, mb4.0/1, ML4.2/6

NEIC 28:00:01:30:4:0.5:50:53N:91:19E, h35km, mb3.9/4, Error ellipse: s-maj=11.3km s-min=7.3km az=176.0

ASRS 28:00:01:31:1:1.0:50:61N:90:92E, h15km, Ms3.2/4

ISC 28:00:01:27:9:0.4:50:56N:01:03:91:12E:0.05, h10km, n59, s18:37/79, mb3.9/9, 6C-7D, Tuva-Turkmenia-Mongolia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CERR Cheremushki, CERR Cheremushki, ARTR Artybash, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Zalesovo Beam, Novosibirsk, Makanchi Array, Kurchatov, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WRAB, PALK, KURK, AAK, ASAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ENA, TWC, TWE, ENT, NWF, NTK, TWA, TWS, TPUB, etc.

ISCJB 28 00:17:51.1±0.6, 50.24N±0.04, 18.74E±0.04, h10km, Error ellipse: s-maj=5.5km s-min=2.8km az=27.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Ostrava-Krasne, Ostrava-Krasne, MORC, MORC, LIKS, LIKS, NIE, NIE, JAVC, etc.

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

ISCJB 28 00:20:15.9±0.6, 38.28N±0.03, 21.86E±0.05, h9km, 3km, Error ellipse: s-maj=6.4km s-min=4.7km az=155.1

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

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

ISCJB 28 00:27:27.1±0.3, 16.86N±0.05, 93.88W±0.03, h155km, 4km, mb3.6/8, Error ellipse: s-maj=8.6km s-min=4.6km az=9.8

MEX 28 00:27:30.1±1.4, 16.80N±0.93, 95.95W, h150km, 15km, MD4.1, Error ellipse: s-maj=3.5km s-min=1.5km az=52.0

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SWET, WWT, TKL, SIUC, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NB2, NB2, NB2, NB2, NB2, etc.

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

NEIC 28 00:37:05.9, 38.15S±175.96E, h174km, MG3.9(WEL), After WEL, WEL 28 00:37:06.0±0.5, 38.14S±175.96E, h172km, 3km, ML3.9/15, 5C, Error ellipse: s-maj=3.6km s-min=2.8km az=0.0

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include OGWZ Otaki Gorge, HOWZ Holdsworth Sta, KIWI Kapiti Island, etc.

Code Station Name Az Phase ID Time Res

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MACH Maria Elena, MACH Plate Boundary, PB04 Plate Boundary, etc.

IDC 28 01:20:47.0.5.1.8:25S:121.19E, h142km, 50km, mb3.5/4,

mb1 3.7/6, mb1mx3.4/21, mbmtmp3.6/6, Error ellipse: s-maj=105.0km s-min=22.3km az=64.0

NEIC 28 01:20:43.5.2.8:25S:121.19E, h157km, 25km, mb4.0/3, Error ellipse: s-maj=31.3km s-min=14.4km az=67.0

ISCJB 28 01:20:51.1.0.6:51S:102.08:121.2E:0.1, h205km, 7km, mb3.5/4, Error ellipse: s-maj=22.7km s-min=8.0km az=149.5

DJA 28 01:20:53.8:52S:121.32E, h179km, MLv4.1/4 ISC 28 01:20:51.7.0.6:58S:109.121:3E:0.1, h202km, 7km, n18, r121/21, mb3.5/4, Flores region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MMRI Maumere, WSI Waingapu, BKSI Bulukumba, etc.

IDC 28 01:26:55.5:2.2.48N:95.55E, h20km, 6km, mb3.8/5,

mb1 3.9/7, mb1mx3.6/23, mbmtmp3.8/7, ML3.4/1, Error ellipse: s-maj=56.7km s-min=24.3km az=47.0

NEIC 28 01:26:57.7:1.0.2:50N:95.62E, h35km, Error ellipse: s-maj=19.8km s-min=11.2km az=213.0

ISCJB 28 01:26:59.2:2.7:63N:0:09.95:8E:0.2, h61km, 25km, mb4.0/5, Error ellipse: s-maj=37.8km s-min=14.9km az=171.9

DJA 28 01:27:03.2:61N:96.13E, h41km, MLv3.8/5 ISC 28 01:27:00.6:2.7:63N:0:09.95:8E:0.2, h55km, 26km, h17km, 4.6km, pp-P, n17, r05/17, mb4.0/5, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include TPTI Gunungsitoli, TSI Tunungan, PSI Prapat, etc.

KRSC 28 01:42:32.9:1.9.51:35N:151.91E, h581km, 41km, ML4.8 ISCJB 28 01:42:38.7:0.7.51:39N:0:151.6E:0.2, h512km, 11km, mb3.4/10, Error ellipse: s-maj=26.3km s-min=15.9km az=154.9

MOS 28 01:42:38.5:0.9.51:94N:151.61E, h515km, mb3.8/4, Error ellipse: s-maj=23.1km s-min=18.7km az=105.8

IDC 28 01:42:39.8:1.9.51:86N:151.52E, h512km, 23km, mb2.8/8, mb1 3.0/9, mb1mx2.7/22, mbmtmp2.9/9, Error ellipse: s-maj=25.5km s-min=16.9km az=168.0

NEIC 28 01:42:39.7:0.8.51:87N:151.52E, h512km, 11km, mb3.8/2, Error ellipse: s-maj=18.8km s-min=11.4km az=166.0

ISC 28 01:42:39.6:0.7.51:91N:0:151.8E:0.2, h508km, 11km, n25, r08/27, mb3.3/10, Sea of Okhotsk

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ALID Alaid, MIPR Malaya Ipe/ka, PETK Petropavlovsk, etc.

Code Station Name Az Phase ID Time Res

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KURK Kurchatov, MK31 Makanchi Array, MKAR Makanchi Array, etc.

IDC 28 01:58:12.2:3.6.35:97N:21.92E, h0km, mb3.7/8,

mb1 3.6/10, mb1mx3.5/27, mbmtmp3.6/10, ML2.8/2, Error ellipse: s-maj=65.4km s-min=26.7km az=18.0

ATH 28 01:58:19.3:6.26:25N:21.90E, h42km, 2km, ML3.2 NEIC 28 01:58:19.2:36:18N:21.83E, h5km, ML3.4(ATH), After 4T

THE 28 01:58:19.8:36:18N:21.88E, h26km, 1km, ML4.4/3, Error ellipse: s-maj=2.1km s-min=0.9km az=245.0

ISCJB 28 01:58:20.3:0.4.36:25N:0:03:21.86E:0.0, h46km, 5km, mb3.5/8, Error ellipse: s-maj=6.4km s-min=4.0km az=144.0

CSEM 28 01:58:21.4:0.2.36:26N:21.91E, h30km, ML3.2, Error ellipse: s-maj=5.5km s-min=3.0km az=61.0

ISC 28 01:58:21.7:0.4.36:27N:0:03:21.90E:0.04, h57km, 5km, n143, r08/98/172, mb3.5/8, Southern Greece

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

CASC 28 02:05:09.3:2.8.30N:82.81W, h23km, 6km, MD3.8,

3C-2D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ACR Cerro Adams, BRU2 Volcan, BRU2 Volcan, etc.

ISCJB 28 02:16:34.2:0.4.35:90N:0:03:4:77W:0.02, h100km, 4km, Error ellipse: s-maj=4.3km s-min=3.1km az=175.1

MDD 28 02:16:35.0:0.5.35:74N:4:68W, h86km, 6km, mb2.9/18, Error ellipse: s-maj=4.3km s-min=3.8km az=152.0

INMG 28 02:16:34.8:1.3.35:74N:4:73W, h72km, 6km, ML2.5, Error ellipse: s-maj=5.2km s-min=3.5km az=169.0

NEIC 28 02:16:36.0:35:81N:4:65W, h87km, MG2.9(MDD), After MDD

IGIL 28 02:16:35.3:35:95N:4:84W, h0km, ML2.3 LDG 28 02:16:35.5:0.3.35:81N:4:69W, h60km, ML2.9/4, Error ellipse: s-maj=5.7km s-min=2.8km az=171.0

SFS 28 02:16:35.0:35:80N:4:65W, h87km, ML2.8 CSEM 28 02:16:36.9:0.2.36:00N:4:76W, h100km, mb2.8/19, Error ellipse: s-maj=5.5km s-min=3.3km az=172.0

CNRM 28 02:16:40.0:35:75N:4:60W, h16km, MD3.3 ISC 28 02:16:35.4:0.5.35:89N:0:02:47W:0.02, h90km, 5km, n31, r19/43/12, Strait of Gibraltar

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include AGG Agios Georgios, THR5 Thira Island, THR5 Thira Island, etc.

Code Station Name Az Phase ID Time Res

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

Code Station Name Az Phase ID Time Res

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PUK Puka, PUK Bajram Curri, PUK Bajram Curri, etc.

Code Station Name Az Phase ID Time Res

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ACR Cerro Adams, BRU2 Volcan, BRU2 Volcan, etc.

ISCJB 28 02:16:34.2:0.4.35:90N:0:03:4:77W:0.02, h100km, 4km, Error ellipse: s-maj=4.3km s-min=3.1km az=175.1

MDD 28 02:16:35.0:0.5.35:74N:4:68W, h86km, 6km, mb2.9/18, Error ellipse: s-maj=4.3km s-min=3.8km az=152.0

INMG 28 02:16:34.8:1.3.35:74N:4:73W, h72km, 6km, ML2.5, Error ellipse: s-maj=5.2km s-min=3.5km az=169.0

NEIC 28 02:16:36.0:35:81N:4:65W, h87km, MG2.9(MDD), After MDD

IGIL 28 02:16:35.3:35:95N:4:84W, h0km, ML2.3 LDG 28 02:16:35.5:0.3.35:81N:4:69W, h60km, ML2.9/4, Error ellipse: s-maj=5.7km s-min=2.8km az=171.0

SFS 28 02:16:35.0:35:80N:4:65W, h87km, ML2.8 CSEM 28 02:16:36.9:0.2.36:00N:4:76W, h100km, mb2.8/19, Error ellipse: s-maj=5.5km s-min=3.3km az=172.0

CNRM 28 02:16:40.0:35:75N:4:60W, h16km, MD3.3 ISC 28 02:16:35.4:0.5.35:89N:0:02:47W:0.02, h90km, 5km, n31, r19/43/12, Strait of Gibraltar

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

| | | | | | | | | | | | | | | | | | | | | |
|------|-------------------|------|-----|----|-----------------|------|-------------------|------|-----|----|----|-----------------|-----------------|------------|-------------------|------|-----------------|-----------------|-----------------|-----------------|
| EMUJ | | | S | Sn | 02 17 02.9 -0.9 | EADA | Adamuz | 2.27 | 4 | P | Pn | 02 17 12.2 +1.0 | MESJ | | S | Sn | 02 18 04.1 -1.3 | | | |
| EMIJ | Mijas | 0.67 | 359 | ↑P | 02 16 51.2 -0.4 | EADA | | | | | S | Sn | 02 17 39.8 +1.2 | MESJ | Messejana | 3.39 | 306 | P | Sn | 02 17 26.5 +0.3 |
| EMIJ | | | | S | 02 17 02.9 -0.9 | EADA | 22m,0.1s,SNR=7.9 | | | | P | Sn | 02 17 13.8 +1.7 | MESJ | | S | Sn | 02 18 04.1 -1.3 | | |
| EMIJ | 33m,0.1s,SNR=19 | | | ↑P | 02 16 51.2 -0.4 | EQES | Quesada | 2.34 | 35 | P | Pn | 02 17 40.2 +0.1 | MESJ | Messejana | 3.39 | 306 | eP | Sn | 02 17 26.5 +0.3 | |
| EMIJ | 9.2m,0.1s,SNR=18 | 0.67 | 359 | ↑P | 02 17 02.9 -0.9 | EQES | | | | | P | Sn | 02 17 13.7 +1.7 | MORF | Marletele | 3.44 | 295 | eP | Sn | 02 17 27.0 +0.2 |
| EMIJ | | | | S | 02 17 02.9 -0.9 | EQES | 0.6m,0.1s,SNR=7.9 | | | | P | Sn | 02 17 40.2 +0.1 | MORF | | A | Sn | 02 18 05.0 -1.5 | | |
| EJIF | 33m,0.1s,SNR=19 | | | ↑P | 02 16 55.2 +2.2 | EQES | 3.8m,0.1s,SNR=7.9 | | | | S | Sn | 02 17 43.2 +0.1 | MORF | 13m,0.1s | | | Sn | 02 17 27.0 +0.2 | |
| EJIF | Jimena Fronter | 0.80 | 314 | ↑P | 02 17 09.5 +3.4 | EQES | Quesada | 2.34 | 35 | P | Pn | 02 17 13.7 +1.7 | MORF | Marletele | 3.44 | 295 | P | Sn | 02 18 04.4 -2.1 | |
| EJIF | | | | ↑P | 02 16 55.2 +2.2 | EQES | 0.6m,0.1s,SNR=7.9 | | | | S | Sn | 02 17 40.2 +0.1 | MORF | | S | Sn | 02 17 27.0 +0.2 | | |
| EJIF | 19m,0.1s,SNR=18 | 0.80 | 314 | ↑P | 02 17 09.5 +3.4 | EQES | 3.8m,0.1s,SNR=7.9 | | | | S | Sn | 02 17 40.2 +0.1 | MORF | 13m,0.1s | | | Sn | 02 18 04.4 -2.1 | |
| EJIF | | | | S | 02 17 09.5 +3.4 | EQES | Quesada | 2.34 | 35 | P | Pn | 02 17 13.7 +1.7 | PVFI | Vila Bisbo | 3.51 | 292 | eP | Sn | 02 17 28.1 +0.4 | |
| EJIF | 4.6m,0.2s,SNR=4.0 | 0.80 | 314 | ↑P | 02 16 55.2 +2.2 | EQES | 0.6m,0.1s,SNR=7.9 | | | | S | Sn | 02 17 40.2 +0.1 | PVFI | | A | Sn | 02 18 07.1 -1.1 | | |
| EJIF | Jimena Fronter | 0.80 | 314 | ↑P | 02 17 09.5 +3.4 | EQES | 3.8m,0.1s,SNR=7.9 | | | | S | Sn | 02 17 40.2 +0.1 | PVFI | 6.4m,0.3s | | | Sn | 02 18 08.6 | |
| EJIF | 19m,0.1s,SNR=18 | 0.80 | 314 | P | 02 16 55.2 +2.2 | EBAN | Banos Encina | 2.40 | 19 | P | Pn | 02 17 13.4 +0.6 | PVFI | Vila Bisbo | 3.51 | 292 | P | Sn | 02 17 28.0 +0.3 | |
| EJIF | | | | S | 02 17 09.5 +3.4 | EBAN | | | | | P | Sn | 02 17 40.6 -0.9 | PVFI | 1.7m,0.1s,SNR=7.9 | | | Sn | 02 18 07.1 -1.1 | |
| EJIF | 4.6m,0.2s,SNR=4.0 | 0.80 | 314 | ↑P | 02 16 55.2 +2.2 | EBAN | Banos Encina | 2.40 | 19 | P | Pn | 02 17 13.4 +0.6 | PVFI | | S | Sn | 02 17 29.6 +0.8 | | | |
| EJIF | Jimena Fronter | 0.80 | 314 | ↑P | 02 17 09.5 +3.4 | EBAN | | | | | S | Sn | 02 17 41.7 -0.5 | PVFI | 5.2m,0.1s,SNR=7.9 | | | Sn | 02 18 09.7 -0.5 | |
| EJIF | 19m,0.1s,SNR=18 | 0.80 | 314 | P | 02 16 55.2 +2.2 | EBAN | 2.0m,0.1s,SNR=7.9 | | | | S | Sn | 02 17 13.9 +0.8 | PVFI | 1.7m,0.1s,SNR=7.9 | | | Sn | 02 17 28.0 +0.3 | |
| EJIF | | | | S | 02 17 09.5 +3.4 | EBAN | | | | | S | Sn | 02 17 41.7 -0.5 | PVFI | 5.2m,0.1s,SNR=7.9 | | | Sn | 02 18 07.1 -1.1 | |
| EMAL | Malaga-Limoner | 0.91 | 17 | eP | 02 16 53.7 -0.4 | EBAN | 7.9m,0.1s,SNR=7.9 | | | | P | Pn | 02 17 13.4 +0.6 | PVFI | Vila Bisbo | 3.51 | 292 | P | Sn | 02 17 28.0 +0.3 |
| EMAL | | | | iS | 02 17 07.4 -0.7 | EBAN | 2.0m,0.1s,SNR=7.9 | | | | P | Pn | 02 17 40.6 -0.9 | PVFI | 1.7m,0.1s,SNR=7.9 | | | Sn | 02 18 07.1 -1.1 | |
| LJA | Lijar | 1.14 | 333 | P | 02 16 58.0 +1.3 | EBAN | | | | | P | Pn | 02 17 13.4 +0.6 | PVFI | | | | Sn | 02 17 28.0 +0.3 | |
| LJA | | | | S | 02 17 14.0 +1.2 | EBAN | 7.9m,0.1s,SNR=7.9 | | | | P | Pn | 02 17 40.6 -0.9 | PVFI | 5.2m,0.1s,SNR=7.9 | | | Sn | 02 18 07.1 -1.1 | |
| LJA | Lijar | 1.14 | 333 | P | 02 16 58.0 +1.3 | EBAN | 2.0m,0.1s,SNR=7.9 | | | | P | Pn | 02 17 13.4 +0.6 | PVFI | Vila Bisbo | 3.51 | 292 | P | Sn | 02 17 28.0 +0.3 |
| LJA | | | | S | 02 17 14.0 +1.2 | EBAN | | | | | S | Sn | 02 17 40.6 -0.9 | PVFI | 1.7m,0.1s,SNR=7.9 | | | Sn | 02 18 07.1 -1.1 | |
| LJA | Lijar | 1.14 | 333 | iP | 02 16 58.0 +1.3 | EBAN | 7.9m,0.1s,SNR=7.9 | | | | S | Sn | 02 17 13.9 +0.8 | PVFI | | | | Sn | 02 17 29.6 +0.8 | |
| LJA | | | | eS | 02 17 14.0 +1.2 | EMIN | EMIN | 2.42 | 321 | P | Pn | 02 17 41.6 -0.5 | PVFI | | | | | Sn | 02 18 09.7 -0.5 | |
| LJA | Lijar | 1.14 | 333 | iP | 02 16 58.0 +1.3 | EMIN | 11m,0.1s,SNR=7.9 | | | | P | Pn | 02 17 13.9 +0.8 | PVFI | 6.3m,0.3s | | | Sn | 02 18 13.3 | |
| LJA | | | | eS | 02 17 14.0 +1.2 | EMIN | | | | | S | Sn | 02 17 41.7 -0.5 | PVFI | Sao Teotonio | 3.59 | 299 | eP | Sn | 02 17 29.6 +0.8 |
| ESPR | Espera | 1.32 | 318 | P | 02 17 00.6 +1.7 | EMIN | 8.0m,0.1s,SNR=7.9 | | | | P | Pn | 02 17 13.9 +0.8 | PVFI | 3.2m,0.3s | | | Sn | 02 18 09.7 -0.5 | |
| ESPR | | | | S | 02 17 19.3 +2.7 | EMIN | 11m,0.1s,SNR=7.9 | | | | P | Pn | 02 17 41.7 -0.5 | PVFI | Sao Teotonio | 3.59 | 299 | P | Sn | 02 17 29.6 +0.8 |
| ESPR | 21m,0.2s,SNR=5.2 | 1.32 | 318 | P | 02 17 00.6 +1.7 | EMIN | 8.0m,0.1s,SNR=7.9 | | | | S | Sn | 02 17 13.9 +0.8 | PVFI | 3.2m,0.3s | | | Sn | 02 18 09.7 -0.5 | |
| ESPR | | | | S | 02 17 19.3 +2.7 | EMIN | 11m,0.1s,SNR=7.9 | | | | S | Sn | 02 17 41.7 -0.5 | PVFI | Sao Teotonio | 3.59 | 299 | P | Sn | 02 17 29.6 +0.8 |
| ESPR | 21m,0.2s,SNR=5.2 | 1.32 | 318 | P | 02 17 00.6 +1.7 | EMIN | 8.0m,0.1s,SNR=7.9 | | | | S | Sn | 02 17 13.9 +0.8 | PVFI | 3.2m,0.3s | | | Sn | 02 18 09.7 -0.5 | |
| ESPR | | | | S | 02 17 19.3 +2.7 | EMIN | 11m,0.1s,SNR=7.9 | | | | S | Sn | 02 17 41.7 -0.5 | PVFI | Sao Teotonio | 3.59 | 299 | eP | Sn | 02 17 29.6 +0.8 |
| ESPR | 21m,0.2s,SNR=5.2 | 1.32 | 318 | P | 02 17 00.6 +1.7 | EMIN | 8.0m,0.1s,SNR=7.9 | | | | S | Sn | 02 17 13.9 +0.8 | PVFI | 3.2m,0.3s | | | Sn | 02 18 09.7 -0.5 | |
| ESPR | | | | S | 02 17 19.3 +2.7 | EMIN | 11m,0.1s,SNR=7.9 | | | | S | Sn | 02 17 41.7 -0.5 | PVFI | Sao Teotonio | 3.59 | 299 | eP | Sn | 02 17 29.6 +0.8 |
| RSA | Sarsar | 1.34 | 221 | P | 02 16 58.5 -0.7 | EMIN | 8.0m,0.1s,SNR=7.9 | | | | S | Sn | 02 17 13.9 +0.8 | PVFI | 3.2m,0.3s | | | Sn | 02 18 09.7 -0.5 | |
| RSA | | | | S | 02 17 14.0 -3.1 | EMIN | 11m,0.1s,SNR=7.9 | | | | S | Sn | 02 17 41.7 -0.5 | PVFI | Sao Teotonio | 3.59 | 299 | eP | Sn | 02 17 29.6 +0.8 |
| RSA | Sarsar | 1.34 | 221 | P | 02 16 58.5 -0.7 | EMIN | 8.0m,0.1s,SNR=7.9 | | | | S | Sn | 02 17 13.9 +0.8 | PVFI | 3.2m,0.3s | | | Sn | 02 18 09.7 -0.5 | |
| RSA | | | | S | 02 17 14.0 -3.1 | EMIN | 11m,0.1s,SNR=7.9 | | | | S | Sn | 02 17 41.7 -0.5 | PVFI | Sao Teotonio | 3.59 | 299 | eP | Sn | 02 17 29.6 +0.8 |
| EGUA | Guajares | 1.34 | 45 | P | 02 16 58.1 -1.1 | EMIN | 8.0m,0.1s,SNR=7.9 | | | | S | Sn | 02 17 13.9 +0.8 | PVFI | 3.2m,0.3s | | | Sn | 02 18 09.7 -0.5 | |
| EGUA | | | | S | 02 17 15.3 -1.9 | EMIN | 11m,0.1s,SNR=7.9 | | | | S | Sn | 02 17 41.7 -0.5 | PVFI | Sao Teotonio | 3.59 | 299 | eP | Sn | 02 17 29.6 +0.8 |
| EGUA | Guajares | 1.34 | 45 | P | 02 16 58.1 -1.1 | EMIN | 8.0m,0.1s,SNR=7.9 | | | | S | Sn | 02 17 13.9 +0.8 | PVFI | 3.2m,0.3s | | | Sn | 02 18 09.7 -0.5 | |
| EGUA | | | | S | 02 17 15.3 -1.9 | EMIN | 11m,0.1s,SNR=7.9 | | | | S | Sn | 02 17 41.7 -0.5 | PVFI | Sao Teotonio | 3.59 | 299 | eP | Sn | 02 17 29.6 +0.8 |
| EGUA | 7.6m,0.1s,SNR=7.9 | 1.34 | 45 | P | 02 16 58.1 -1.1 | EMIN | 8.0m,0.1s,SNR=7.9 | | | | S | Sn | 02 17 13.9 +0.8 | PVFI | 3.2m,0.3s | | | Sn | 02 18 09.7 -0.5 | |
| EGUA | | | | S | 02 17 15.3 -1.9 | EMIN | 11m,0.1s,SNR=7.9 | | | | S | Sn | 02 17 41.7 -0.5 | PVFI | Sao Teotonio | 3.59 | 299 | eP | Sn | 02 17 29.6 +0.8 |
| EGUA | 14m,0.1s,SNR=7.9 | 1.34 | 45 | P | 02 16 58.1 -1.1 | EMIN | 8.0m,0.1s,SNR=7.9 | | | | S | Sn | 02 17 13.9 +0.8 | PVFI | 3.2m,0.3s | | | Sn | 02 18 09.7 -0.5 | |
| EGUA | | | | S | 02 17 15.3 -1.9 | EMIN | 11m,0.1s,SNR=7.9 | | | | S | Sn | 02 17 41.7 -0.5 | PVFI | Sao Teotonio | 3.59 | 299 | eP | Sn | 02 17 29.6 +0.8 |
| EGUA | 7.6m,0.1s,SNR=7.9 | 1.34 | 45 | P | 02 16 58.1 -1.1 | EMIN | 8.0m,0.1s,SNR=7.9 | | | | S | Sn | 02 17 13.9 +0.8 | PVFI | 3.2m,0.3s | | | Sn | 02 18 09.7 -0.5 | |
| EGUA | | | | S | 02 17 15.3 -1.9 | EMIN | 11m,0.1s,SNR=7.9 | | | | S | Sn | 02 17 41.7 -0.5 | PVFI | Sao Teotonio | 3.59 | 299 | eP | Sn | 02 17 29.6 +0.8 |
| ELOJ | Sierra Loja | 1.34 | 21 | P | 02 16 59.3 +0.1 | EGRO | El Granado | 2.74 | 308 | ↑P | Pn | 02 17 18.0 +0.6 | PVFI | 6.3m,0.3s | | | Sn | 02 17 30.6 +0.8 | | |
| ELOJ | | | | S | 02 17 19.6 +2.4 | EGRO | | | | | P | Sn | 02 17 46.3 +0.2 | PVFI | San Pablo | 3.66 | 5 | ePn | Sn | 02 18 06.9 -5.0 |
| ELOJ | Sierra Loja | 1.34 | 21 | P | 02 16 59.3 +0.1 | EGRO | 23m,0.1s,SNR=18 | | | | P | Sn | 02 17 46.2 +0.2 | PVFI | San Pablo | 3.66 | 5 | ePn | Sn | 02 17 30.6 +0.8 |
| ELOJ | | | | S | 02 17 19.6 +2.4 | EGRO | | | | | P | Sn | 02 17 16.7 +1.3 | PVFI | | | | Sn | 02 18 06.9 -5.0 | |
| ELOJ | Sierra Loja | 1.34 | 21 | P | 02 16 59.3 +0.1 | EGRO | 15m,0.1s,SNR=7.9 | | | | ↑P | Pn | 02 17 46.3 +0.2 | PVFI | Evora | 3.70 | 316 | ePn | Sn | 02 17 32.0 +1.6 |
| ELOJ | | | | S | 02 17 19.6 +2.4 | EGRO | | | | | ↑P | Pn | 02 17 16.7 +1.3 | PVFI | | | | Sn | 02 18 13.7 +0.8 | |
| ELOJ | Sierra Loja | 1.34 | 21 | P | 02 16 59.3 +0.1 | EGRO | 23m,0.1s,SNR=18 | | | | ↑P | Pn | 02 17 46.3 +0.2 | PVFI | Evora | 3.70 | 316 | ePn | Sn | 02 17 32.0 +1.6 |
| ELOJ | | | | S | 02 17 19.6 +2.4 | EGRO | | | | | ↑P | Pn | 02 17 16.7 +1.3 | PVFI | | | | Sn | 02 18 13.7 +0.8 | |
| ELOJ | Sierra Loja | 1.34 | 21 | P | 02 16 59.3 +0.1 | EGRO | 15m,0.1s,SNR=7.9 | | | | ↑P | Pn | 02 17 46.3 +0.2 | PVFI | Evora | 3.70 | 316 | ePn | Sn | 02 17 32.0 +1.6 |
| ELOJ | | | | S | 02 17 19.6 +2.4 | EGRO | | | | | ↑P | Pn | 02 17 16.7 +1.3 | PVFI | | | | Sn | 02 18 13.7 +0.8 | |
| ELOJ | Sierra Loja | 1.34 | 21 | P | 02 16 59.3 +0.1 | EGRO | 23m,0.1s,SNR=18 | | | | ↑P | Pn | 02 17 46.3 +0.2 | PVFI | Evora | 3.70 | 316 | ePn | Sn | 02 17 32.0 +1.6 |
| ELOJ | | | | S | 02 17 19.6 +2.4 | EGRO | | | | | ↑P | Pn | 02 17 16.7 +1.3 | PVFI | | | | Sn | 02 18 13.7 +0.8 | |
| ELOJ | Sierra Loja | 1.34 | 21 | P | 02 16 59.3 +0.1 | EGRO | 15m,0.1s,SNR=7.9 | | | | ↑P | Pn | 02 17 46.3 +0.2 | PVFI | Evora | 3.70 | 316 | ePn | Sn | 02 17 32.0 +1.6 |
| ELOJ | | | | S | 02 17 19.6 +2.4 | EGRO | | | | | ↑P | Pn | 02 17 16.7 +1.3 | PVFI | | | | Sn | 02 18 13.7 +0.8 | |
| ELOJ | Sierra Loja | 1.34 | 21 | P | 02 16 59.3 +0.1 | EGRO | 23m,0.1s,SNR=18 | | | | ↑P | Pn | 02 17 46.3 +0.2 | PVFI | Evora | 3.70 | 316 | ePn | Sn | 02 17 32.0 +1.6 |
| ELOJ | | | | S | 02 17 19.6 +2.4 | EGRO | | | | | ↑P | Pn | 02 17 16.7 +1.3 | PVFI | | | | Sn | 02 18 13.7 +0.8 | |
| ELOJ | Sierra Loja | 1.34 | 21 | P | 02 16 59.3 +0.1 | EGRO | 15m,0.1s,SNR=7.9 | | | | ↑P | Pn | 02 17 46.3 +0.2 | PVFI | Evora | 3.70 | 316 | ePn | Sn | 02 17 32.0 +1.6 |
| ELOJ | | | | S | 02 17 19.6 +2.4 | EGRO | | | | | ↑P | Pn | 02 17 16.7 +1.3 | PVFI | | | | Sn | | |

Table with columns: GUD, Guadarrama, 4.77, 6, P, Pn, 02 17 45.7 +0.9, etc. Lists various meteorological observations with station codes and coordinates.

Table with columns: ETSF, Etsaut, 7.71, 24, ePn, Pn, 02 18 25.3 +0.4, etc. Lists meteorological observations from Etsaut station.

NEIC 28 02:17:38.5, 38'14N:24'02'E, h20km, ML2.9(ATH), After ATH.
ATH 28 02:17:38.5, 38'14N:24'01'E, h20km, 1km, MD2.7/4, ML2.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various meteorological stations and their details.

TRN 28 02:17:53.5, 18'10N:64'77W, h17km
ISCJB 28 02:17:55.4, 1.0, 18'11N:04'64.73W:0.07, h13km, 6km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various meteorological stations and their details.

NNC 28 02:25:06.3, 7.8, 50'59N:91'26E, h0km, mb3.9, mpv3.6
MOS 28 02:25:08.0, 1.7, 50'29N:91'03E, h10km, mb4.0/2, Error ellipse: s-maj=16.6km s-min=11.0km az=122.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various meteorological stations and their details.

IDC 28 03:17:10.9, 1.3, 15'01S:167'16E, h0km, mb4.0/11, mb3.4/211, mb1mx4.1/16, mbtmp4.0/11, MS3.7/1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various meteorological stations and their details.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like V20A Brimhall, MNTX Cornudas Mount, Y22A Socorro, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like SDCO Great Sand Dun, J18A Kendall Valley, U25A Circle Dot Ran, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like WMO comp=E,270nm,20.0s,MS4.9, ZALV Zalesovo Beam, MK31 Makanchi Array, etc.

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

BJJ 28 03:55:56.9, 36.83N, 71.04E, h232km, mb4.6/1
ISCJB 28 03:55:56.1, 0.3, 36.63N, 0.03, 71.10E, 0.005, h207km, 5km, mb3.6/8, Error ellipse: s-maj=6.9km s-min=-3.9km az=163.5

MOS 28 03:55:56.9, 1.2, 36.59N, 71.11E, h216km, mb4.1/4, Error ellipse: s-maj=13.4km s-min=8.5km az=89.3
NEIC 28 03:55:57.6, 0.6, 36.62N, 71.17E, h202km, 6km, mb4.4/5, Error ellipse: s-maj=9.0km s-min=5.0km az=61.0

IDC 28 03:55:58.2, 3.7, 36.56N, 71.10E, h215km, 3km, mb3.4/7, mb1.3/13, mb1mx3.3/26, mbtmp3.4/13, Error ellipse: s-maj=29.6km s-min=15.2km az=46.0

NNC 28 03:56:03.2, 6.7, 37.59N, 70.42E, h0km, mb4.4, mpv4.1, Error ellipse: s-maj=51.8km s-min=49.3km az=24.0
ISC 28 03:55:57.2, 0.3, 36.83N, 0.03, 71.14E, 0.005, h199km, 4km, n76, c106/93, mb3.6/8, 5C-5D, Afghanistan-Tajikistan

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

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

TAP 28 04:08:19.8, 22.07'N, 121.09'E, h29km, ML3.8, 4C, B, Taiwan region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SSD, TWM1, SGST, etc.

IDC 28 04:14:20.6, 10.0, 17.67S, 178.76W, h644km, 142km, mb2.9/8, mb1.3/18, mb1mx3.0/16, mbtmp2.9/8, Error ellipse: s-maj=51.8km s-min=-42.4km az=168.0, Fiji Islands region

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

IDC 28 04:15:50.7, 2.8, 0.11N, 96.42E, h0km, mb3.9/8, mb1.3/10, mb1mx3.8/21, mbtmp3.8/10, ML3.8/2, MS2.8/1, Ms1.2/8.1, ms1mx2.4/22, Error ellipse: s-maj=67.0km s-min=37.6km az=150.0

ISCJB 28 04:15:54.1, 2.5, 0.31N, 96.64E, 0.005, h31km, 19km, mb3.9/9, Error ellipse: s-maj=9.6km s-min=8.0km az=148.0

DJA 28 04:15:55.0, 1.38N, 96.68E, h59km, MLv4.0/5, NEIC 28 04:15:55.9, 1.2, 0.16N, 96.58E, h35km, mb4.1/1, Error ellipse: s-maj=29.2km s-min=11.7km az=153.0

ISC 28 04:15:55.4, 2.6, 0.33N, 96.68E, 0.005, h26km, 19km, n21, c09/26, mb3.9/9, Off west coast of northern Sumatera

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

CSEM 28 04:48:45.9, 66.57'N, 17.70'W, h15km, ML3.8, After REY 28 04:48:45.9, 66.57'N, 17.70'W, h15km, ML3.8, ML4.0, Iceland region

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

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ZALV, ZALV, ZALV, Zalesovo Beam, Zalesovo Beam, Zalesovo Beam, etc.

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like La Desirade, Marie-Galante, Wesley, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Karangkates, Negara, Gresik, Singaraja, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like YSS, Yuzh-Sakhalins, SBUM, etc.

MAN 28 11:12:32, 12.74N, 123.53E, h1km, mb4.3, ML3.1, MS2.9, 1C-10, Luzon

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Masbate, San Andres, Virac, etc.

NIED 28 12:13:00, 25.20N, 128.10E, h5km, Mw4.6 Best double couple: M=9.53000e+10, NP1=321.00000, delta=0.00000, lambda=69.00000, NP2=315.00000, delta=0.00000, lambda=119.00000

MOS 28 12:13:34.8, 1.3, 25.13N, 128.18E, h26km, mb4.7/21, Error ellipse: s-maj=11.8km s-min=6.9km az=104.8

ISCJTB 28 12:13:35.9, 0.3, 25.18N, 128.10E, 0.03, h32km, mb4.6/50, MS3.9/20, Error ellipse: s-maj=4.4km s-min=3.2km az=14.4

JMA 28 12:13:35.8, 0.2, 25.18N, 128.05E, h26km, mb4.0, M4.0 IDC 28 12:13:37.9, 0.6, 25.15N, 128.12E, h34km, mb4.0, M4.0/17, mb1.4/1.9, mb1mx4.1/2.3, mbtmp4.0/1.9, ML3.3/2, MS3.8/1.8, Ms1.3.8/1.8, ms1mx3.6/3.0, Error ellipse: s-maj=17.5km s-min=13.3km az=83.0

NEIC 28 12:13:37.8, 0.3, 25.09N, 128.08E, mb4.8/14, MS4.5/1, MW4.6(NIED), Error ellipse: s-maj=7.9km s-min=7.2km az=110.0

BUI 28 12:13:41.4, 25.34N, 127.57E, h35km, mb4.7/11, mb4.5/19, Mw4.4/10, Ms7.4/1/10

ISC 28 12:13:38.1, 0.3, 25.22N, 128.06E, 0.04, h33km, h33km, 1.4km, pp-IP, n140, s126/148, mb4.6/50, MS3.9/20, 6C-2D, Yuzh-Sakhalins

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Tamaqusuko 2, Naha, Aguni-jima, etc.

DJA 28 11:14:11, 2.05S, 120.48E, h20km, MLV3.7/5, Sulawesi

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Tana Toraja, Palu, Ampanga, etc.

NIED 28 11:38:00, 32.70N, 142.50E, h5km, Mw3.7 Best double couple: M=3.88000e+10, NP1=321.00000, delta=0.00000, lambda=67.00000, NP2=319.00000, delta=0.00000, lambda=114.00000

IDC 28 11:38:31.4, 0.9, 32.55N, 142.65E, h0km, mb3.7/10, mb1.3.9/1.3, mb1mx3.8/2.2, mbtmp3.7/1.3, ML3.8, Error ellipse: s-maj=25.4km s-min=21.2km az=38.0

ISCJTB 28 11:38:35.1, 3.2, 32.79N, 142.79E, 0.08, h33km, 1.0km, mb3.7/12, Error ellipse: s-maj=12.8km s-min=10.4km az=21.5

JMA 28 11:38:0.0, 3.2, 32.66N, 142.47E, h63km, M4.1 NEIC 28 11:38:36.0, 3.2, 32.66N, 142.48E, h63km, M4.1(JMA), After JMA

ISC 28 11:38:36.8, 1.9, 32.73N, 142.63E, 0.07, h32km, 1.4km, n33, s102/44, mb3.7/12, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Boso 1, Mitsune, Boso 3, Boso 4, etc.

KSR5 Korea Array 1820 359 Ph Pn 12 16 29.7 +0.2

comp=2.0, 1nm, 0.3s, baz=182, slow=14, SNR=5.7

CBJ1 Chichi jima 12.83 79 LR 12 20 40.4

comp=2.4nm, 20.1s, baz=54, slow=33

MAT Matsushiro Arr 14.25 35 Pn 12 16 58.4 +0.9

comp=2.0, 3nm, 0.3s, baz=216, slow=36, SNR=3.6

BJT Baijittauu 17.81 329 ePn 12 17 43.8 +0.5

comp=2.61nm, 1.1s

BJT Baijittauu 17.81 329 ePn 12 17 43.8 +0.6

comp=2.61nm, 1.1s

DAV Davao City W/ 18.20 188 LR 12 23 06.1

comp=2.76nm, 19.9s, baz=1.4, slow=31

CN2 Changchun 18.66 354 eP 12 17 53.3 -0.3

comp=Z, 30nm, 0.8s

CN2 comp=N, 500nm, 13.0s

CN2 comp=E, 500nm, 13.0s

CN2 comp=Z, 500nm, 15.0s

XAN Xi'an 18.79 302 P 12 18 04.8 +9.5

comp=Z, 6.0nm, 1.3s

GUMG Guam 19.60 123 LR 12 23 37.3

comp=Z, 1.71nm, 19.1s, baz=95, slow=31

YSS 12 23 11.0 -3.7

YSS 12 18 57.2 +1.7

SBUM 12 19 22.5 +2.8

GTA 12 19 25.6 +0.1

GTA 12 19 31.3 +8.9

GTA 12 19 32.0 +1.3

GTA 12 19 36.5 +0.4

GTA 12 19 38.5 +6.5

GTA 12 19 42.9 +6.7

GTA 12 24 16.5 +1.5

GTA 12 24 28.5 +1.1

GTA 12 25 42.5

GTA 12 19 23.5 +0.1

GTA 12 19 23.5 +0.2

GTA 12 19 25.9 +1.5

GTA 12 19 25.9 +1.5

GTA 12 19 25.0 -1.1

GTA 12 19 25.0 -1.0

GTA 12 19 29.5 +0.9

GTA 12 32 20.2

GTA 12 19 29.5 +0.9

GTA 12 19 36.0 -0.4

GTA 12 19 36.4 -0.1

GTA 12 20 06.8 +9.5

GTA 12 20 13.7 +1.0

GTA 12 20 18.0 -2.6

GTA 12 20 33.0 +0.3

GTA 12 37 36.0

GTA 12 20 33.0 +0.3

GTA 12 20 44.7 +2.1

GTA 12 20 51.9 -0.5

GTA 12 21 15.5 -1.9

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Table with columns: CD2, S, S, 12.56 25.8 -2.8, WRAB Tennant Creek, 13.63 156 ePn, Pn, 12 50 55.7 -2.1

Table with columns: KRSC 28 12:33:09.5-0.3, 49.35N, 155.42E, h112km, 111km, ML3.6, Kuril Islands

IDC 28 12:34:59.1, 1.2, 4.38S, 101.92E, h0km, mb4.1/12, mb1.4/12, mb1mx4.0/20, mbtmp4.1/12, MS4.0/2

NEIC 28 12:35:04.7, 0.7, 4.26S, 102.10E, h35km, mb4.3/1, Error ellipse: s-maj=35.1km s-min=8.7km az=54.0

ISCJB 28 12:35:06.1, 1.1, 4.30S, 0.05x102.11E, 0.09, h67km, 8km, mb4.0/13, Error ellipse: s-maj=19.9km s-min=6.0km az=135.3

DJA 28 12:35:07.4, 2.8S, 102.17E, h33km, MLV4.2/8, ISC 28 12:35:07.3, 1.1, 4.27S, 0.08x102.12E, 0.09, h58km, 9km, m29, 0.05/33, mb4.1/13, Southern Sumatara

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

ISCJB 28 12:59:36.9, 0.6, 14.15N, 0.08x91.38W, 0.05, h105km, 5km, mb3.7/5, Error ellipse: s-maj=15.4km s-min=3.8km az=27.5

MEX 12:59:36.4, 1.1, 13.88N, 91.29W, h72km, 37km, MD4.0, NEIC 28 12:59:36.9, 0.9, 14.11N, 91.34W, h72km, 20km, mb3.6/1, Error ellipse: s-maj=21.0km s-min=8.8km az=207.0

CASC 28 12:59:37.4, 1.7, 14.20N, 91.39W, h88km, 12km, MD4.0, ML3.7, mb3.6(NEIC)

IDC 28 12:59:39.7, 1.8, 14.66N, 90.98W, h84km, 22km, mb3.5/4, mb1.3/8.7, mb1mx3.6/19, mbtmp3.6/7, MS3.1/2, Ms1.3/1.2, ms1mx2.7/16, Error ellipse: s-maj=57.6km s-min=12.5km az=34.0

ISC 28 12:59:38.2, 0.6, 14.18N, 0.08x91.36W, 0.05, h95km, 5km, m39, 0.12/50, mb3.7/5, 1C-4D, Guatemala

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

MEX 28 12:47:22.6, 0.6, 17.18N, 101.28W, h16km, 17km, MD3.5, Near coast of Guerrero

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

IDC 28 12:47:47.2, 3.7, 7.33S, 128.41E, h118km, 35km, mb3.8/10, mb1.4/0.12, mb1mx3.9/18, mbtmp3.9/12, Error ellipse: s-maj=29.5km s-min=13.8km az=65.0

ISCJB 28 12:47:48.7, 1.2, 7.39S, 0.05x128.35E, 0.08, h153km, 12km, mb3.9/13, Error ellipse: s-maj=13.3km s-min=8.4km az=173.0

NEIC 28 12:47:48.9, 1.6, 7.39S, 128.41E, h138km, 17km, mb4.6/3, Error ellipse: s-maj=17.3km s-min=9.9km az=224.0

DJA 28 12:48:00.6, 7.9S, 128.91E, h140km, MLV4.1/4, ISC 28 12:47:50.9, 1.0, 7.50S, 0.05x128.42E, 0.08, h163km, 11km, n41, 0.1/10/38, mb3.9/13, 1D, Banda Sea

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

Table with columns: WRAB Tennant Creek, 13.63 156 ePn, Pn, 12 50 55.7 -2.1

ISCJB 28 12:59:36.9, 0.6, 14.15N, 0.08x91.38W, 0.05, h105km, 5km, mb3.7/5, Error ellipse: s-maj=15.4km s-min=3.8km az=27.5

MEX 12:59:36.4, 1.1, 13.88N, 91.29W, h72km, 37km, MD4.0, NEIC 28 12:59:36.9, 0.9, 14.11N, 91.34W, h72km, 20km, mb3.6/1, Error ellipse: s-maj=21.0km s-min=8.8km az=207.0

CASC 28 12:59:37.4, 1.7, 14.20N, 91.39W, h88km, 12km, MD4.0, ML3.7, mb3.6(NEIC)

IDC 28 12:59:39.7, 1.8, 14.66N, 90.98W, h84km, 22km, mb3.5/4, mb1.3/8.7, mb1mx3.6/19, mbtmp3.6/7, MS3.1/2, Ms1.3/1.2, ms1mx2.7/16, Error ellipse: s-maj=57.6km s-min=12.5km az=34.0

ISC 28 12:59:38.2, 0.6, 14.18N, 0.08x91.36W, 0.05, h95km, 5km, m39, 0.12/50, mb3.7/5, 1C-4D, Guatemala

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

MEX 28 12:47:22.6, 0.6, 17.18N, 101.28W, h16km, 17km, MD3.5, Near coast of Guerrero

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

IDC 28 12:47:47.2, 3.7, 7.33S, 128.41E, h118km, 35km, mb3.8/10, mb1.4/0.12, mb1mx3.9/18, mbtmp3.9/12, Error ellipse: s-maj=29.5km s-min=13.8km az=65.0

ISCJB 28 12:47:48.7, 1.2, 7.39S, 0.05x128.35E, 0.08, h153km, 12km, mb3.9/13, Error ellipse: s-maj=13.3km s-min=8.4km az=173.0

NEIC 28 12:47:48.9, 1.6, 7.39S, 128.41E, h138km, 17km, mb4.6/3, Error ellipse: s-maj=17.3km s-min=9.9km az=224.0

DJA 28 12:48:00.6, 7.9S, 128.91E, h140km, MLV4.1/4, ISC 28 12:47:50.9, 1.0, 7.50S, 0.05x128.42E, 0.08, h163km, 11km, n41, 0.1/10/38, mb3.9/13, 1D, Banda Sea

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

Table with columns: s-min=9.5km az=165.0, ISCJB 28 13:06:41.3, 0.5, 51.30N, 0.04x178.99W, 0.02, h54km, 4km, mb5.0/273, MS4.3/54, Error ellipse: s-maj=5.9km s-min=2.0km az=5.9

GCMT 28 13:06:42.2, 0.3, 51.16N, 178.85W, h35km, MW5.1, Moment Tensor Solution. s51, c74; s76, c124; Moment tensor: Scale 10^16Nm; Mrr, 8.8E+20; Mss, -3.4E+15; Mss, 0.4E+13; Mss, 2.7E+17; Mss, 0.75E+09; Mrr, 1.4E+14; Bst, 2.0E+13; Best double couple: Mo: 6.0000E+10, NP2: 75.0000E+03, 6.0000E+03, 1.05.0000E+03, NP2: 75.0000E+03, 6.0000E+03, 1.05.0000E+03, Principal axes: T 5.7400, Plg73.0000, Azm322.0000, N 0.4500, Plg8.0000, Azm79.0000, P -6.1900, Plg15.0000, Azm171.0000; Data Used: II IC IU CN G

BUI 28 13:06:43.8, 0.5, 51.53N, 179.59W, h58km, mB5.2/28, mb5.2/47, Ms4.8/30, Ms7 4.5/30

ISC 28 13:06:44.0, 0.5, 51.38N, 0.03x178.98W, 0.02, h65km, 4km, h60km, 1.6km, pp-P, n953, 0.06/99/47, mb4.9/272, 248C-178D, Andreanof Islands

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

SKR Severo-Kuril's 15.66 277 eP, SKR 13 10 24.0 +3.1, SKR 13 10 06.5 -6.8

SKR comp=N, 110nm, 1.0s, SKR 13 10 28.5 +2.4, SKR 13 07 27.2 +2.9

SKR comp=Z, 110nm, 1.0s, SKR 13 10 28.5 +2.4, SKR 13 07 27.2 +2.9

SKR comp=Z, 800nm, 4.0s, SKR 13 10 28.5 +2.4, SKR 13 07 27.2 +2.9

SKR comp=E, 1um, 18.0s, SKR 13 10 28.5 +2.4, SKR 13 07 27.2 +2.9

SKR comp=Z, 1um, 18.0s, SKR 13 10 28.5 +2.4, SKR 13 07 27.2 +2.9

OHAK Old Harbor 16.04 59 eP, OHAK 13 10 20.3 -5.3, KDAK Kodiak Island 16.52 57 eP, KDAK 13 10 28.1 -3.5

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28d 13h

2008 JUL

1256

Table with columns: Call sign, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BJT Baijiatou, SBC Santa Barbara, REDW Red Top Meadow, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like T13A Saint George, CCUT Cedar City, MSU Marysville, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KBS Kingsbay, KBS Kingsbay, O22A Kremmling, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, and other technical details. Includes stations like 318A Bisbee, 24A Rampart Ranch, 219A White Tail Can, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, and other technical details. Includes stations like ARCES ARCESS Array B, ARCES ARCESS Array C, ARCES ARCESS Array D, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, and other technical details. Includes stations like WCI Wyandotte Cave, HKT Hockley, HKT Hockley, etc.

28d 13h

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like OBN, SHL, CHTO, CM31, CMAR, etc.

2008 JUL

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like MOX, WERD, OKK, STHS, etc.

1258

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like VRI, ECH, ECH, etc.

Table with columns: ORIF, ORIS-en-Rattie, 84.00 357, P, 13 19 08.0 +0.7, etc. Includes stations like Marisa, Cibinong, Lukuw, etc.

Table with columns: PBDV, Barranco-do-Ve, 91.41 7 eLR, LR, 13 51 10.9, etc. Includes stations like Marisa, Cibinong, Lukuw, etc.

Table with columns: PETK, Petropavlovsk-, 135.68 323, PKP, PKPdf, 14 51 03.6 +0.3, etc. Includes stations like Gilhisar, Kashi, etc.

| | | | | | | | |
|---|----------------|-------|-----|---|---|------------|------|
| 0.5nm,0.5s,mb3.9,baz=0.0,slow=6.9,SNR=12 | | | | | | | |
| FINES | FINES Array B | 66.94 | 332 | P | P | 16 06 07.0 | -0.8 |
| 1.1nm,0.7s,mb4.0,baz=40,slow=7.3,SNR=3.3 | | | | | | | |
| NOA | NORSAR Array B | 72.27 | 337 | P | P | 16 06 40.4 | -0.3 |
| 0.7nm,0.7s,mb3.7,baz=37,slow=6.1,SNR=4.2 | | | | | | | |
| NVAR | Minar Array B | 74.17 | 53 | P | P | 16 06 52.5 | -0.2 |
| 0.2nm,0.5s,mb3.3,baz=293,slow=5.8,SNR=3.0 | | | | | | | |

CASC 28 16:35:24.4±1.7, 12,22N:88:16W, h89km, 64km, MD4.1, IC-10Z, Off coast of central Azores

| Code | Station Name | Δ | AZ | Phase ID | ISC | Time | Res |
|------|--------------|------|-----|----------|-----|------------|------|
| | | | | | | h m s | ISC |
| CNCH | Conchagua | 1.10 | 17 | eP | Pn | 16 35 45.3 | +0.1 |
| VSM | San Miguel | 1.21 | 355 | eP | Pn | 16 35 46.7 | +0.2 |
| BLLM | Bellamira | 1.22 | 357 | eP | Pn | 16 35 48.8 | +0.1 |
| COPN | Coquelle | 1.54 | 91 | eP | Pn | 16 35 49.5 | -1.1 |
| SNVI | San Vicente | 1.54 | 335 | eP | Pn | 16 35 52.0 | +1.5 |
| CAHU | Cacacuatique | 1.55 | 358 | eP | Pn | 16 35 52.0 | +1.3 |
| BOQS | Boqueron | 1.86 | 324 | eP | Pn | 16 35 55.1 | +0.3 |
| TIGN | Ticuantepe | 1.90 | 95 | eP | Pn | 16 35 54.8 | -0.4 |
| SBSL | San Blas | 2.15 | 319 | eP | Pn | 16 35 58.9 | +0.3 |
| SBL | Santos | 2.15 | 319 | eP | Pn | 16 36 27.1 | +2.4 |
| SNJE | San Jose | 2.16 | 320 | eP | Pn | 16 35 58.9 | +0.1 |
| RTR | El Retiro | 2.21 | 319 | eP | Pn | 16 35 59.7 | +0.4 |
| RBDL | Robledal | 2.40 | 322 | eP | Pn | 16 36 02.5 | +0.6 |
| PRSI | Puriscal | 4.38 | 120 | eP | Pn | 16 36 31.0 | +2.4 |
| LAI | Bijagal | 4.60 | 120 | eP | Pn | 16 36 28.7 | +2.9 |
| QCR | Queros | 4.81 | 125 | eP | Pn | 16 36 34.6 | +0.2 |
| URSC | Urasca | 4.91 | 118 | iP | Pn | 16 36 38.4 | +2.6 |
| URSC | | | | eS | Sn | 16 37 34.7 | +3.2 |
| BUS | Buena Vista | 5.07 | 121 | eP | Pn | 16 36 39.3 | +1.3 |
| BUS | | | | eS | Sn | 16 37 33.0 | -2.3 |
| BAR1 | | | | eS | Sn | 16 36 46.0 | +0.7 |
| BAR1 | | 5.61 | 121 | eP | Pn | 16 37 43.6 | -4.9 |

NIED 28 16:41:00.25:20N:128:10E, h5km, Mw4.1 Best double couple: M0.178000,1015 NP135220.00000, 863.000000, -1.86.000000. NP235320.00000, 828.000000, -1.97.000000.

IDC 28 16:41:31.5, 0.8, 25:07N:127:99E, h0km, mb3.9/1.6, mb1.4/0.17, mb1mx3.9/2, mbtmp3.9/17, MS3.3/6, Ms1.3/3.6, ms1mx2.8/32, Error ellipse: s-maj=26.2km s-min=17.9km az=74.0
MOS 28 16:41:33.2, 1.1, 25:11N:127:94E, h21km, mb4.1/15, Error ellipse: s-maj=22.2km s-min=12.1km az=100.9
ISCJB 28 16:41:33.6, 1.3, 25:15N:128:07.04, h26km, gkm, mb4.0/23, MS3.5/3, Error ellipse: s-maj=8.0km s-min=5.5km az=39.5

JMA 28 16:41:34.5, 0.2, 25:17N:128:05E, h65km, M3.7
BUI 28 16:41:35.0, 25:04N:128:18E, h38km, mb4.8/4, mb4.2/12
NEIC 28 16:41:36.7, 0.6, 25:00N:127:89E, h35km, mb4.3/4, Error ellipse: s-maj=14.9km s-min=13.4km az=119.0
ISC 28 16:41:35.3, 1.3, 25:20N:128:07.04, h22km, 8km, n64, c1915/73, mb4.0/23, MS3.5/3, Ryukyu Islands

| Code | Station Name | Δ | AZ | Phase ID | ISC | Time | Res |
|---|----------------|-------|-----|----------|------|------------|------|
| | | | | | | h m s | ISC |
| JT2 | Tamagusuku | 0.96 | 347 | P | Pb | 16 41 53.1 | -0.2 |
| JT2 | | | | S | Sb | 16 42 06.9 | +1.3 |
| NAH1 | Naha | 1.04 | 345 | P | Pb | 16 41 54.0 | -0.6 |
| NAH1 | | | | S | Sb | 16 42 08.1 | +0.3 |
| JAGN | Aguni-jima | 1.54 | 334 | P | Pn | 16 42 01.1 | -0.2 |
| JAGN | | | | S | Sn | 16 42 20.5 | -0.4 |
| JKE | Kume jima 2 | 1.57 | 316 | P | Pn | 16 42 01.6 | -0.2 |
| JKE | | | | S | Sn | 16 42 21.6 | -0.2 |
| JOW | Kunigami | 1.65 | 9 | P | Pn | 16 42 01.9 | -1.0 |
| JOW | | | | S | Sn | 16 42 21.6 | -1.9 |
| JIH | Iheya | 1.83 | 359 | P | Pn | 16 42 04.9 | -0.6 |
| JIH | | | | S | Sn | 16 42 26.8 | -1.2 |
| JMJ | Miyako jima 2 | 2.48 | 262 | P | Pn | 16 42 13.8 | -0.6 |
| JMJ | | | | S | Sn | 16 42 43.0 | -1.0 |
| JTK | Tokunoshima | 2.72 | 18 | P | Pn | 16 42 16.9 | -0.7 |
| JTK | | | | S | Sb | 16 42 49.4 | -0.5 |
| JTM | Minamidota | 2.98 | 77 | P | Pn | 16 42 17.1 | -4.2 |
| JMZ | | | | S | Sn | 16 42 50.3 | -6.0 |
| JTJ | Tarama | 3.04 | 260 | P | Pn | 16 42 21.0 | -1.1 |
| JTJ | | | | eS | Sn | 16 42 55.2 | -2.6 |
| JAM | Amami Oshima | 3.51 | 24 | P | Pn | 16 42 28.3 | -0.3 |
| JAM | | | | eS | Sn | 16 43 05.8 | -3.6 |
| JZK | Kikaisima | 3.57 | 29 | eS | Sn | 16 43 09.4 | -1.6 |
| JJI | Ishigaki jima | 3.60 | 257 | P | Pn | 16 42 28.3 | -1.4 |
| JJI | | | | S | Sn | 16 43 07.3 | -4.3 |
| TWG | Pinlang | 6.76 | 251 | eP | Pn | 16 43 09.2 | -3.9 |
| KSR5 | Korea Array | 12.42 | 360 | Pn | Pn | 16 44 29.1 | +1.0 |
| KSR5 comp=2.50nm,19.7s,baz=158,slow=37 | | | | | | | |
| BUI | Beijing | 17.81 | 329 | pP | pP | 16 45 44.5 | +2.8 |
| BUI | | | | pP | pP | 16 45 54.5 | +6.1 |
| BUI comp=2.1,0nm,0.7s | | | | | | | |
| DUV | Davao City (W) | 18.17 | 188 | LR | LR | 16 51 51.4 | |
| DUV comp=2.75nm,21.7s,baz=294,slow=34 | | | | | | | |
| GAM | Guam | 19.64 | 123 | LR | LR | 16 52 47.9 | |
| GAM comp=2.33nm,18.2s,baz=35,slow=35 | | | | | | | |
| CD2 | Chengdu | 22.11 | 290 | P | Pmax | 16 56 32.5 | +3.2 |
| CD2 | | | | pmax | pmax | | |
| CD2 comp=2.1,0nm,1.0s,mb4.2 | | | | | | | |
| ASAJ | Asahikawa | 22.31 | 29 | P | P | 16 46 33.0 | +1.7 |
| ASAJ comp=2.3,1nm,0.7s,mb3.2,baz=118,slow=9.8,SNR=5.5 | | | | | | | |
| ASAJ | Asahikawa | 22.31 | 29 | P | P | 16 46 33.0 | +1.8 |
| ASAJ comp=2.3,0nm,0.7s | | | | | | | |
| KMI | Kunming | 22.85 | 275 | P | Pmax | 16 46 39.0 | +1.8 |
| KMI | | | | pmax | pmax | | |
| KMI comp=2.17nm,1.2s,mb4.3 | | | | | | | |
| LZH | Lanzhou | 23.38 | 303 | eP | P | 16 46 46.3 | +3.7 |
| LZH | | | | pP | pP | 16 47 02.1 | +3.4 |
| LZH | | | | sP | sP | 16 46 55.0 | +3.4 |
| LZH | | | | pmax | pmax | | |
| LZH comp=2.19nm,1.3s,mb4.4 | | | | | | | |
| YSS | Yuzh-Sakhalins | 24.69 | 25 | eP | P | 16 46 56.4 | +1.8 |
| YSS | | | | P | P | 16 46 56.9 | +2.3 |
| YSS comp=2.41nm,1.2s,mb4.8 | | | | | | | |
| GTA | Gaotai | 27.58 | 308 | eP | P | 16 47 21.0 | +0.2 |
| GTA | | | | pP | pP | 16 47 31.8 | +4.5 |
| GTA | | | | sP | sP | 16 47 36.0 | +6.0 |
| GTA comp=2.4,0nm,0.9s,mb4.0 | | | | | | | |
| SOM1 | Songino Array | 28.31 | 328 | P | P | 16 47 27.2 | 0.0 |
| SOM1 comp=2.0,5nm,0.5s,mb3.4,baz=156,slow=4.6,SNR=3.0 | | | | | | | |
| SOM1 | | | | LR | LR | 17 00 37.5 | |
| SOM1 comp=2.58nm,18.9s,MS3.2,baz=194,slow=40 | | | | | | | |
| SOM1 | Songino Array | 28.31 | 328 | P | P | 16 47 27.2 | 0.0 |
| SOM1 | | | | pmax | pmax | | |
| SOM1 comp=2.1,0nm,0.5s | | | | | | | |
| SOM1 | | | | MLR | MLR | | |
| SOM1 | | | | MLR | MLR | | |
| PETK | Petrovavlovsck | 35.69 | 31 | P | P | 16 48 31.6 | -0.2 |
| PETK comp=2.0,7nm,0.8s,mb3.7,baz=182,slow=5.5,SNR=2.4 | | | | | | | |
| PETK | Petrovavlovsck | 35.69 | 31 | P | P | 16 48 31.7 | -0.1 |
| PETK comp=2.1,0nm,0.8s,mb3.8 | | | | | | | |
| MKAR | Makanchi Array | 42.07 | 313 | P | P | 16 49 25.5 | +0.1 |
| MKAR comp=2.1,6nm,0.5s,mb3.9,baz=99,slow=10,SNR=26 | | | | | | | |
| MKAR | | | | pP | pP | 16 51 20.3 | +0.4 |
| MKAR | Makanchi Array | 42.07 | 313 | P | P | 16 49 25.5 | +0.1 |
| MKAR | | | | pmax | pmax | 16 51 20.3 | +0.4 |
| MKAR | | | | pmax | pmax | | |
| MKAR comp=2.2,0nm,0.5s | | | | | | | |
| MKAR | | | | pmax | pmax | | |
| MKAR comp=2.1,0nm,0.7s | | | | | | | |
| MKAR | Makanchi Array | 42.07 | 313 | P | P | 16 49 25.5 | +0.1 |
| MKAR | | | | pP | pP | 16 51 20.3 | +0.4 |
| ZALV | Zalesovo Beam | 42.94 | 324 | P | P | 16 49 31.5 | -0.9 |
| ZALV comp=2.1,3nm,0.6s,mb3.9,baz=108,slow=8.1,SNR=6.1 | | | | | | | |
| ZALV | | | | pP | pP | 16 51 23.4 | +0.7 |
| ZALV comp=2.0,3nm,0.3s,baz=101,slow=3.7,SNR=2.5 | | | | | | | |
| ZALV | | | | LR | LR | 17 08 01.4 | |
| ZALV | Zalesovo Beam | 42.94 | 324 | P | P | 16 49 31.5 | -0.9 |
| ZALV | | | | pmax | pmax | 16 51 23.4 | +0.7 |
| ZALV comp=2.1,0nm,0.6s,mb3.7 | | | | | | | |
| ZALV | | | | MLR | MLR | | |
| ZALV | | | | MLR | MLR | | |
| ZALV | Zalesovo Beam | 42.94 | 324 | P | P | 16 49 31.5 | -0.9 |
| ZALV | | | | pP | pP | 16 51 23.4 | +0.7 |
| ZALV | | | | pP | pP | | |

| | | | | | | | |
|---|-------------------|-------|-----|------|------|------------|------|
| ZALV | Kurchatov | 45.43 | 317 | LR | LR | 17 08 01.4 | |
| KURK | Kurchatov | 45.43 | 317 | P | P | 16 49 52.8 | +0.5 |
| KURK comp=2.0,9nm,0.4s,mb3.9,baz=104,slow=8.3,SNR=4.6 | | | | | | | |
| KURK | Kurchatov | 45.43 | 317 | P | P | 16 49 52.8 | +0.5 |
| KURK comp=2.1,0nm,0.4s,mb4.0 | | | | | | | |
| KURK | Kurchatov | 45.43 | 317 | eP | P | 16 49 53.5 | +1.2 |
| TKM2 comp=2.4,3nm,1.1s,mb4.2 | | | | | | | |
| TKM2 | Tokmak 2 | 46.10 | 306 | eP | P | 16 49 59.5 | +1.7 |
| TKM2 | | | | pmax | pmax | | |
| TKM2 comp=2.3,0nm,1.0s,mb4.2 | | | | | | | |
| TKM2 | Tokmak 2 | 46.10 | 306 | eP | P | 16 49 59.5 | +1.7 |
| TKM2 comp=2.3,0nm,1.0s,mb4.2 | | | | | | | |
| ASAR | Alice Springs | 48.91 | 173 | P | P | 16 50 18.8 | -0.9 |
| ASAR comp=2.0,8nm,0.8s,mb3.2,baz=358,slow=11,SNR=22 | | | | | | | |
| ASAR | Alice Springs | 48.91 | 173 | P | P | 16 50 18.8 | -0.9 |
| ASAR comp=2.2,0nm,0.8s | | | | | | | |
| BVAR | Borovoye Array | 50.91 | 319 | P | P | 16 50 35.7 | +1.0 |
| BVAR comp=2.0,8nm,0.6s,mb3.8,baz=96,slow=9.2,SNR=5.0 | | | | | | | |
| BVAR | Borovoye Array | 50.91 | 319 | P | P | 16 50 35.7 | +1.1 |
| BVAR comp=2.1,0nm,0.6s | | | | | | | |
| ABKAR | Akbulak Array | 57.20 | 314 | eP | P | 16 51 21.8 | +1.2 |
| ABKAR comp=2.2,7nm,0.8s,mb4.3 | | | | | | | |
| STKA | Stevens Creek | 58.22 | 166 | P | P | 16 51 25.8 | -2.1 |
| STKA comp=2.2,0nm,0.7s,mb4.2,baz=351,slow=11,SNR=3.8 | | | | | | | |
| STKA | Stevens Creek | 58.22 | 166 | eP | P | 16 51 26.4 | -1.4 |
| ILAR | Ilse Array | 65.28 | 28 | P | P | 16 52 15.9 | -0.2 |
| ILAR comp=2.0,2nm,0.6s,mb3.4,baz=266,slow=7.0,SNR=4.1 | | | | | | | |
| ARCES | ARCCESS Array B | 70.89 | 339 | P | P | 16 52 51.4 | +1.1 |
| ARCES comp=2.0,6nm,0.6s,mb3.7,baz=61,slow=7.3,SNR=3.5 | | | | | | | |
| ARCES | ARCCESS Array B | 70.89 | 339 | P | P | 16 52 51.4 | +1.2 |
| ARCES comp=2.1,0nm,0.6s | | | | | | | |
| FINES | FINES Array B | 73.66 | 331 | P | P | 16 53 07.6 | +0.7 |
| FINES comp=2.1,5nm,0.7s,mb4.0,baz=57,slow=7.0,SNR=5.8 | | | | | | | |
| FINES | FINES Array B | 73.66 | 331 | P | P | 16 53 07.6 | +0.7 |
| FINES comp=2.2,0nm,0.7s | | | | | | | |
| AKASG | Main Array Be | 76.18 | 320 | P | P | 16 53 21.8 | +0.2 |
| AKASG comp=2.1,4nm,0.6s,mb4.1,baz=62,slow=6.3,SNR=4.2 | | | | | | | |
| AKASG | Main Array Be | 76.18 | 320 | P | P | 16 53 21.8 | +0.1 |
| AKASG comp=2.1,0nm,0.6s | | | | | | | |
| BRTR | Reskin Array B | 77.50 | 308 | P | P | 16 53 30.4 | +1.1 |
| BRTR comp=2.0,8nm,0.7s,mb3.8,baz=131,slow=3.4,SNR=5.3 | | | | | | | |
| BRTR | Reskin Array B | 77.50 | 308 | P | P | 16 53 30.5 | +1.1 |
| BRTR comp=2.0,8nm,0.7s,mb3.8,baz=131,slow=3.4,SNR=5.3 | | | | | | | |
| YKA | Yellowknife Array | 79.55 | 25 | P | P | 16 53 40.9 | +0.7 |
| YKA comp=2.0,5nm,0.7s,mb3.8,baz=325,slow=6.3,SNR=2.8 | | | | | | | |
| YKA | Yellowknife Array | 79.55 | 25 | P | P | 16 53 40.9 | +0.7 |
| YKA comp=2.1,0nm,0.7s | | | | | | | |
| YKA | Yellowknife Array | 79.55 | 25 | P | P | 16 53 40.9 | +0.7 |
| YKA comp=2.0,6nm,0.6s,mb3.7,baz=55,slow=5.3 | | | | | | | |
| NOA | NORSAR Array B | 80.14 | 334 | P | P | 16 53 43.6 | +0.1 |
| NOA comp=2.0,8nm,0.7s,mb3.8,baz=56,slow=5.2,SNR=4.3 | | | | | | | |
| NOA | NORSAR Array B | 80.14 | 334 | P | P | 16 53 43.6 | +0.2 |
| NOA comp=2.1,0nm,0.7s | | | | | | | |
| VAE | Valguarnera | 91.83 | 313 | LR | LR | 17 44 53.9 | |
| VAE comp=2.87nm,19.4s,MS4.2,baz=132,slow=41 | | | | | | | |

IDC 28 17:37:02.7, 1.2, 35:47N:22:79E, h0km, mb4.0/1.5, mb1.4/1/21, mb1mx4.0/33, mbtmp3.9/21, ML3.9/6, MS3.1/6, Ms1.3/1.6, ms1mx2.7/35, Error ellipse: s-maj=27.1km s-min=15.8km az=31.0
MOS 28 17:37:05.1, 1.4, 35:35N:22:59E, h33km, mb4.2/19, Error ellipse: s-maj=8.4km s-min=4.2km az=89.6
ATH 28 17:37:07.6, 35:44N-22:66E, h29km, 1km, ML3.6
NEIC 28 17:37:07.6, 35:44N-22:66E, h29km, mb4.1/1.6, ML4.0(TH), ML3.6(ATH), After ATH.
CSEM 28 17:37:08.1, 0.3, 35:29N-22:66E, h53km, 2km, mb3.9/21, Error ellipse: s-maj=3.5km s-min=3.5km az=381
THE 28 17:37:08.9, 35:38N-22:66E, h80km, 3km, ML4.6/10, Error ellipse: s-maj=3.9km s-min=0.6km az=176.0
ISCJB 28 17:37:09.0, 0.5, 35:49N:04:22:67E:0.04, h72km, 3km, mb4.0/28, Error ellipse: s-maj=8.1km s-min=3.1km az=40.3
ISC 28 17:37

Table of astronomical observations for 28d 18h, listing station names (e.g., NVLJ, PKSM, DRGR), station IDs, coordinates, and observation times.

Table of astronomical observations for 2008 JUL, listing station names (e.g., NORA01, NB2, NB2), station IDs, coordinates, and observation times.

Table of astronomical observations for 2008 JUL, listing station names (e.g., TNTI, MNI, KMSI), station IDs, coordinates, and observation times.

ISCJB 28 17:43:29.3, 1.0, 20.9S; 0.1x178.1W; 0.1, h570km, 12km, mb3.6/10, Error ellipse: s-maj=26.9km s-min=12.7km az=137.4

Code Station Name Az Az2 Phase ID Op ISC Time Res h m s ISC

Table of station codes and names for the ISCJB 28 17:43:29.3 observation, including MSFV, AFI, URA, etc.

ISCJB 28 18:18:37.7, 1.3, 14.22S; 0.08x71.26W; 0.09, h35km, 12km, mb4.6/26, MS3.4/3, Error ellipse: s-maj=17.6km s-min=8.1km az=141.5

Code Station Name Az Az2 Phase ID Op ISC Time Res h m s ISC

Table of station codes and names for the ISCJB 28 18:18:37.7 observation, including LPAZ, NNA, NNA, etc.

| | | | | | | |
|-------|----------------|-------|-----|-----|----|-----------------|
| OUR | Ouranopolis | 3.73 | 52 | P | Pn | 21 12 14.8 +0.9 |
| OUR | Ouranopolis | 3.73 | 52 | P | Pn | 21 12 14.8 +0.9 |
| SG1 | Sgolovo (BA) | 8.01 | 317 | ePn | Pn | 21 12 16.3 +1.2 |
| SG1 | | | | eSn | Pn | 21 13 00.8 +0.3 |
| BAI | Bari | 3.90 | 321 | ePn | Pn | 21 12 17.3 +1.0 |
| BAI | | | | eSn | Pn | 21 13 01.4 +1.4 |
| ULC | Ulcinj | 3.91 | 350 | iPn | Pn | 21 12 16.9 +0.5 |
| ULC | | | | eSn | Pn | 21 13 01.4 -1.4 |
| ULC | Ulcinj | 3.91 | 350 | iPn | Pn | 21 12 16.9 +0.5 |
| ULC | | | | eSn | Pn | 21 13 01.4 -1.4 |
| PUK | Puka | 3.93 | 357 | iPn | Pn | 21 12 17.2 +0.5 |
| PUK | | | | eSn | Pn | 21 13 01.4 +0.5 |
| PUK | Puka | 3.93 | 357 | iPn | Pn | 21 12 17.2 +0.5 |
| PUK | | | | eSn | Pn | 21 13 01.4 +0.5 |
| SRS | Serrai | 4.02 | 41 | P | Pn | 21 12 18.5 +0.6 |
| SRS | | | | eSn | Pn | 21 13 03.9 +0.5 |
| SRS | Serrai | 4.02 | 41 | P | Pn | 21 12 18.5 +0.6 |
| SRS | | | | eSn | Pn | 21 13 03.9 +0.5 |
| KARN | Karanos | 4.07 | 130 | P | Pn | 21 12 21.7 +0.7 |
| KARN | | | | eSn | Pn | 21 13 03.9 +0.5 |
| KARN | Karanos | 4.07 | 130 | P | Pn | 21 12 21.7 +0.7 |
| KARN | | | | eSn | Pn | 21 13 03.9 +0.5 |
| VAM | Vamos | 4.24 | 128 | ePn | Pn | 21 12 21.7 +0.7 |
| VAM | | | | eSn | Pn | 21 13 03.9 +0.5 |
| VAM | Vamos | 4.24 | 128 | ePn | Pn | 21 12 21.7 +0.7 |
| VAM | | | | eSn | Pn | 21 13 03.9 +0.5 |
| BCI | Bajram Curri | 4.25 | 359 | iPn | Pn | 21 12 21.7 +0.7 |
| BCI | | | | eSn | Pn | 21 13 03.9 +0.5 |
| BCI | Bajram Curri | 4.25 | 359 | iPn | Pn | 21 12 21.7 +0.7 |
| BCI | | | | eSn | Pn | 21 13 03.9 +0.5 |
| BUM | Brajci-Budva | 4.29 | 348 | iPn | Pn | 21 12 21.6 +0.6 |
| BUM | | | | eSn | Pn | 21 13 03.9 +0.5 |
| BUM | Brajci-Budva | 4.29 | 348 | iPn | Pn | 21 12 21.6 +0.6 |
| BUM | | | | eSn | Pn | 21 13 03.9 +0.5 |
| NVR | Nevojkopi | 4.33 | 41 | ePn | Pn | 21 12 24.4 +2.2 |
| NVR | | | | eSn | Pn | 21 13 03.9 +0.5 |
| NVR | Nevojkopi | 4.33 | 41 | ePn | Pn | 21 12 24.4 +2.2 |
| NVR | | | | eSn | Pn | 21 13 03.9 +0.5 |
| PDG | Podgorica | 4.36 | 352 | iPn | Pn | 21 12 23.6 +0.9 |
| PDG | | | | eSn | Pn | 21 13 03.9 +0.5 |
| PDG | Podgorica | 4.36 | 352 | iPn | Pn | 21 12 23.6 +0.9 |
| PDG | | | | eSn | Pn | 21 13 03.9 +0.5 |
| TTG | Podgorica | 4.36 | 352 | iPn | Pn | 21 12 23.6 +0.9 |
| TTG | | | | eSn | Pn | 21 13 03.9 +0.5 |
| TTG | Podgorica | 4.36 | 352 | iPn | Pn | 21 12 23.6 +0.9 |
| TTG | | | | eSn | Pn | 21 13 03.9 +0.5 |
| PVV | Plav | 4.48 | 359 | iPn | Pn | 21 12 25.2 +1.0 |
| PVV | | | | eSn | Pn | 21 13 03.9 +0.5 |
| PVV | Plav | 4.48 | 359 | iPn | Pn | 21 12 25.2 +1.0 |
| PVV | | | | eSn | Pn | 21 13 03.9 +0.5 |
| HCY | Herceg Novi | 4.51 | 344 | iPn | Pn | 21 12 24.5 -1.3 |
| HCY | | | | eSn | Pn | 21 13 03.9 +0.5 |
| HCY | Herceg Novi | 4.51 | 344 | iPn | Pn | 21 12 24.5 -1.3 |
| HCY | | | | eSn | Pn | 21 13 03.9 +0.5 |
| HAE | Valguerna | 4.57 | 264 | LR | LR | 21 14 54.5 |
| HAE | | | | eSn | Pn | 21 13 03.9 +0.5 |
| HAE | Valguerna | 4.57 | 264 | LR | LR | 21 14 54.5 |
| HAE | | | | eSn | Pn | 21 13 03.9 +0.5 |
| BEY | Berane | 4.76 | 358 | iPn | Pn | 21 12 29.1 +1.0 |
| BEY | | | | eSn | Pn | 21 13 03.9 +0.5 |
| BEY | Berane | 4.76 | 358 | iPn | Pn | 21 12 29.1 +1.0 |
| BEY | | | | eSn | Pn | 21 13 03.9 +0.5 |
| IVA | Berane | 4.76 | 358 | iPn | Pn | 21 12 29.1 +1.0 |
| IVA | | | | eSn | Pn | 21 13 03.9 +0.5 |
| IVA | Berane | 4.76 | 358 | iPn | Pn | 21 12 29.1 +1.0 |
| IVA | | | | eSn | Pn | 21 13 03.9 +0.5 |
| NKY | Niksic | 4.77 | 350 | iPn | Pn | 21 12 28.5 +0.2 |
| NKY | | | | eSn | Pn | 21 13 03.9 +0.5 |
| NKY | Niksic | 4.77 | 350 | iPn | Pn | 21 12 28.5 +0.2 |
| NKY | | | | eSn | Pn | 21 13 03.9 +0.5 |
| MS1 | Monte Sant'Ang | 4.82 | 319 | ePn | Pn | 21 12 22.2 -2.0 |
| MS1 | | | | eSn | Pn | 21 13 03.9 +0.5 |
| MS1 | Monte Sant'Ang | 4.82 | 319 | ePn | Pn | 21 12 22.2 -2.0 |
| MS1 | | | | eSn | Pn | 21 13 03.9 +0.5 |
| BARS | Barje | 4.87 | 15 | ePn | Pn | 21 12 29.7 -2.6 |
| BARS | | | | eSn | Pn | 21 13 03.9 +0.5 |
| BARS | Barje | 4.87 | 15 | ePn | Pn | 21 12 29.7 -2.6 |
| BARS | | | | eSn | Pn | 21 13 03.9 +0.5 |
| BRY | Bratogost | 4.93 | 346 | ePn | Pn | 21 12 30.5 -0.0 |
| BRY | | | | eSn | Pn | 21 13 03.9 +0.5 |
| BRY | Bratogost | 4.93 | 346 | ePn | Pn | 21 12 30.5 -0.0 |
| BRY | | | | eSn | Pn | 21 13 03.9 +0.5 |
| WDD | Wied Dalam | 5.01 | 245 | ePn | Pn | 21 12 32.0 +0.4 |
| WDD | | | | eSn | Pn | 21 13 03.9 +0.5 |
| WDD | Wied Dalam | 5.01 | 245 | ePn | Pn | 21 12 32.0 +0.4 |
| WDD | | | | eSn | Pn | 21 13 03.9 +0.5 |
| VTS | Vitoshia | 5.05 | 27 | ePn | Pn | 21 12 31.9 -0.3 |
| VTS | | | | eSn | Pn | 21 13 03.9 +0.5 |
| VTS | Vitoshia | 5.05 | 27 | ePn | Pn | 21 12 31.9 -0.3 |
| VTS | | | | eSn | Pn | 21 13 03.9 +0.5 |
| STON | Ston | 5.10 | 339 | iPn | Pn | 21 12 32.1 -0.7 |
| STON | | | | eSn | Pn | 21 13 03.9 +0.5 |
| STON | Ston | 5.10 | 339 | iPn | Pn | 21 12 32.1 -0.7 |
| STON | | | | eSn | Pn | 21 13 03.9 +0.5 |
| SJES | Sjenica | 5.15 | 359 | ePn | Pn | 21 12 32.4 -3.9 |
| SJES | | | | eSn | Pn | 21 13 03.9 +0.5 |
| SJES | Sjenica | 5.15 | 359 | ePn | Pn | 21 12 32.4 -3.9 |
| SJES | | | | eSn | Pn | 21 13 03.9 +0.5 |
| UPM | Unac-Piva | 5.17 | 350 | iPn | Pn | 21 13 31.8 -2.1 |
| UPM | | | | eSn | Pn | 21 13 03.9 +0.5 |
| UPM | Unac-Piva | 5.17 | 350 | iPn | Pn | 21 13 31.8 -2.1 |
| UPM | | | | eSn | Pn | 21 13 03.9 +0.5 |
| PLE | Pljevlja | 5.24 | 354 | iPn | Pn | 21 12 35.8 +1.1 |
| PLE | | | | eSn | Pn | 21 13 03.9 +0.5 |
| PLE | Pljevlja | 5.24 | 354 | iPn | Pn | 21 12 35.8 +1.1 |
| PLE | | | | eSn | Pn | 21 13 03.9 +0.5 |
| ZAPS | Zavoj | 5.50 | 19 | ePn | Pn | 21 12 38.6 +0.4 |
| ZAPS | | | | eSn | Pn | 21 13 03.9 +0.5 |
| ZAPS | Zavoj | 5.50 | 19 | ePn | Pn | 21 12 38.6 +0.4 |
| ZAPS | | | | eSn | Pn | 21 13 03.9 +0.5 |
| BLLS | Lazi#263;i | 5.78 | 355 | ePn | Pn | 21 12 41.7 -0.3 |
| BLLS | | | | eSn | Pn | 21 13 03.9 +0.5 |
| BLLS | Lazi#263;i | 5.78 | 355 | ePn | Pn | 21 12 41.7 -0.3 |
| BLLS | | | | eSn | Pn | 21 13 03.9 +0.5 |
| DIVS | Divibare | 5.98 | 359 | ePn | Pn | 21 12 44.2 -0.7 |
| DIVS | | | | eSn | Pn | 21 13 03.9 +0.5 |
| DIVS | Divibare | 5.98 | 359 | ePn | Pn | 21 12 44.2 -0.7 |
| DIVS | | | | eSn | Pn | 21 13 03.9 +0.5 |
| AGU | Divibare | 5.98 | 359 | ePn | Pn | 21 12 44.2 -0.7 |
| AGU | | | | eSn | Pn | 21 13 03.9 +0.5 |
| AGU | Divibare | 5.98 | 359 | ePn | Pn | 21 12 44.2 -0.7 |
| AGU | | | | eSn | Pn | 21 13 03.9 +0.5 |
| AQU | L'Aquila | 6.67 | 312 | iP | P | 21 12 58.4 +4.2 |
| AQU | | | | eSn | Pn | 21 13 03.9 +0.5 |
| AQU | L'Aquila | 6.67 | 312 | iP | P | 21 12 58.4 +4.2 |
| AQU | | | | eSn | Pn | 21 13 03.9 +0.5 |
| BLJ | Banja Luka | 6.99 | 342 | ePn | Pn | 21 12 57.9 -0.8 |
| BLJ | | | | eSn | Pn | 21 13 03.9 +0.5 |
| BLJ | Banja Luka | 6.99 | 342 | ePn | Pn | 21 12 57.9 -0.8 |
| BLJ | | | | eSn | Pn | 21 13 03.9 +0.5 |
| FGSL | Fruska Gora | 7.04 | 358 | ePn | Pn | 21 12 58.0 -1.4 |
| FGSL | | | | eSn | Pn | 21 13 03.9 +0.5 |
| FGSL | Fruska Gora | 7.04 | 358 | ePn | Pn | 21 12 58.0 -1.4 |
| FGSL | | | | eSn | Pn | 21 13 03.9 +0.5 |
| FRGS | Fruska Gora | 7.04 | 358 | ePn | Pn | 21 12 58.0 -1.4 |
| FRGS | | | | eSn | Pn | 21 13 03.9 +0.5 |
| FRGS | Fruska Gora | 7.04 | 358 | ePn | Pn | 21 12 58.0 -1.4 |
| FRGS | | | | eSn | Pn | 21 13 03.9 +0.5 |
| NVLJ | Novalja | 7.56 | 330 | ePn | Pn | 21 13 05.5 -1.1 |
| NVLJ | | | | eSn | Pn | 21 13 03.9 +0.5 |
| NVLJ | Novalja | 7.56 | 330 | ePn | Pn | 21 13 05.5 -1.1 |
| NVLJ | | | | eSn | Pn | 21 13 03.9 +0.5 |
| BZS | Buzias | 7.58 | 8 | ePn | Pn | 21 13 06.5 -0.3 |
| BZS | | | | eSn | Pn | 21 13 03.9 +0.5 |
| BZS | Buzias | 7.58 | 8 | ePn | Pn | 21 13 06.5 -0.3 |
| BZS | | | | eSn | Pn | 21 13 03.9 +0.5 |
| BZS | Buzias | 7.58 | 8 | ePn | Pn | 21 13 06.5 -0.3 |
| BZS | | | | eSn | Pn | 21 13 03.9 +0.5 |
| BZS | Buzias | 7.58 | 8 | ePn | Pn | 21 13 06.5 -0.3 |
| BZS | | | | eSn | Pn | 21 13 03.9 +0.5 |
| PKSM | Moragy | 8.17 | 353 | iPn | Pn | 21 13 17.2 -2.6 |
| PKSM | | | | eSn | Pn | 21 13 03.9 +0.5 |
| PKSM | Moragy | 8.17 | 353 | iPn | Pn | 21 13 17.2 -2.6 |
| PKSM | | | | eSn | Pn | 21 13 03.9 +0.5 |
| VOIR | Vojsko | 8.19 | 25 | iP | P | 21 13 17.4 +2.2 |
| VOIR | | | | eSn | Pn | 21 13 03.9 +0.5 |
| VOIR | Vojsko | 8.19 | 25 | iP | P | 21 13 17.4 +2.2 |
| VOIR | | | | eSn | Pn | 21 13 03.9 +0.5 |
| BOJS | Bojanci | 8.23 | 335 | iPn | Pn | 21 13 16.2 +0.5 |
| BOJS | | | | eSn | Pn | 21 13 03.9 +0.5 |
| BOJS | Bojanci | 8.23 | 335 | iPn | Pn | 21 13 16.2 +0.5 |
| BOJS | | | | eSn | Pn | 21 13 03.9 +0.5 |
| CRES | Cresnjiv | 8.46 | 337 | iPn | Pn | 21 13 18.5 -0.4 |
| CRES | | | | eSn | Pn | 21 13 03.9 +0.5 |
| CRES | Cresnjiv | 8.46 | 337 | iPn | Pn | 21 13 18.5 -0.4 |
| CRES | | | | eSn | Pn | 21 13 03.9 +0.5 |
| MLR | Muntele Rosu | 8.55 | 29 | Pn | Pn | 21 13 22.8 +2.7 |
| MLR | | | | eSn | Pn | 21 13 03.9 +0.5 |
| MLR | Muntele Rosu | 8.55 | 29 | Pn | Pn | 21 13 22.8 +2.7 |
| MLR | | | | eSn | Pn | 21 13 03.9 +0.5 |
| SKDS | Skadanscina | 8.71 | 330 | iPn | Pn | 21 13 21.9 -0.4 |
| SKDS | | | | eSn | Pn | 21 13 03.9 +0.5 |
| SKDS | Skadanscina | 8.71 | 330 | iPn | Pn | 21 13 21.9 -0.4 |
| SKDS | | | | eSn | Pn | 21 13 03.9 +0.5 |
| VOY | Vojsko | 9.17 | 332 | ePn | Pn | 21 13 29.6 +1.0 |
| VOY | | | | eSn | Pn | 21 13 03.9 +0.5 |
| VOY | Vojsko | 9.17 | 332 | ePn | Pn | 21 13 29.6 +1.0 |
| VOY | | | | eSn | Pn | 21 13 03.9 +0.5 |
| OBKA | Obir | 9.35 | 336 | ePn | Pn | 21 13 30.9 -0.2 |
| OBKA | | | | eSn | Pn | 21 13 03.9 +0.5 |
| OBKA | Obir | 9.35 | 336 | ePn | Pn | 21 13 30.9 -0.2 |
| OBKA | | | | eSn | Pn | 21 13 03.9 +0.5 |
| SOKA | Soboth | 9.35 | 338 | iPn | Pn | 21 13 30.7 -0.4 |
| SOKA | | | | eSn | Pn | 21 13 03.9 +0.5 |
| SOKA | Soboth | 9.35 | 338 | iPn | Pn | 21 13 30.7 -0.4 |
| SOKA | | | | eSn | Pn | 21 13 03.9 +0.5 |
| ARSA | Arzberg | 9.74 | 341 | iPn | Pn | 21 15 19.0 -7.4 |
| ARSA | | | | eSn | Pn | 21 13 03.9 +0.5 |
| ARSA | Arzberg | 9.74 | 341 | iPn | Pn | 21 15 19.0 -7.4 |
| ARSA | | | | eSn | Pn | 21 13 03.9 +0.5 |
| KECS | Kecevo | 10.37 | 1 | eSG | P | 21 15 35.3 -1.1 |
| KECS | | | | eSn | Pn | 21 13 03.9 +0.5 |
| KECS | Kecevo | 10.37 | 1 | eSG | P | 21 15 35.3 -1.1 |
| KECS | | | | eSn | Pn | 21 13 03.9 +0.5 |
| DAVOX | Davos/Dischmat | 11.49 | 322 | Pn | Pn | 21 14 05.6 +5.2 |
| DAVOX | | | | eSn | Pn | 21 13 03.9 +0.5 |
| DAVOX | Davos/Dischmat | 11.49 | 322 | Pn | Pn | 21 14 05.6 +5.2 |
| DAVOX | | | | eSn | Pn | 21 13 03.9 +0.5 |
| HFS | Hafjor | 22.42 | 352 | P | P | 21 16 16.5 +1.5 |
| HFS</ | | | | | | |

28d 21h

2008 JUL

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Table with columns for location (e.g., FORT, JOHN, MNI), time (e.g., 38.26 233 eP), and other data. Includes entries like Johnston Island, Manado, and various other locations.

Table with columns for location (e.g., QIZ, QIZ, VLA), time (e.g., 21 44 53.9 +0.5), and other data. Includes entries like Qiongzong, Vladivostok, and various other locations.

Table with columns for location (e.g., BJI, BJI, BJI), time (e.g., 21 47 42.7 +0.9), and other data. Includes entries like Vladivostok, Scott Base, and various other locations.

| | | | | | |
|------|--|-----------|------|------|-----------------|
| GTA | Gaotai | 76.94 315 | JP | P | 21 49 27.5 +1.9 |
| GTA | | | pP | pP | 21 49 44.5 +1.4 |
| GTA | | | sP | sP | 21 49 51.5 +2.0 |
| GTA | | | PP | PP | 21 52 23.3 +4.8 |
| GTA | | | S | S | 21 59 11.5 -1.9 |
| GTA | | | SKS | SKS | 21 59 30.0 |
| GTA | | | SS | SS | 21 59 39.5 +1.8 |
| GTA | | | S | S | |
| GTA | comp=Z,32nm,1.4s,mb5.1 | | pmax | pmax | |
| GTA | comp=Z,1um,8.7s | | LR | LR | |
| GTA | comp=N,3um,20.4s,MSS.8 | | LR | LR | |
| GTA | comp=E,3um,19.8s,MSS.8 | | LR | LR | |
| GTA | comp=Z,4um,19.2s,MSS.8 | | LR | LR | |
| YAK | Yakutsk | 76.97 345 | eP | P | 21 49 24.7 -0.6 |
| YAK | | | e | e | 21 49 34.7 |
| YAK | | | eS | eS | 21 52 21.4 |
| YAK | | | S | S | 21 59 11.4 -1.5 |
| YAK | | | e | e | 21 59 40.5 |
| YAK | | | pmax | pmax | |
| YAK | comp=Z,74nm,1.3s,mb5.5 | | pmax | pmax | |
| YAK | comp=E,11nm,1.1s | | pmax | pmax | |
| YAK | comp=N,24nm,1.4s | | pmax | pmax | |
| YAK | comp=Z,20nm,0.6s,mb5.2 | | pmax | pmax | |
| YAK | comp=N,9.0nm,0.9s | | pmax | pmax | |
| YAK | comp=E,2.0nm,0.4s | | smax | smax | |
| YAK | comp=E,570nm,5.6s | | smax | smax | |
| YAK | comp=N,454nm,6.4s | | MLR | MLR | |
| YAK | comp=Z,3um,23.0s,MSS.6 | | MLR | MLR | |
| YAK | comp=N,3um,28.0s | | MLR | MLR | |
| YAK | comp=E,1um,17.0s | | MLR | MLR | |
| YAK | Yakutsk | 76.97 345 | eP | P | 21 49 25.5 +0.2 |
| KDAX | Kodiak Island | 77.12 23 | eP | P | 21 49 25.9 -0.3 |
| SHL | Shillong | 78.08 299 | ePKP | P | 21 49 30.0 -2.3 |
| BILL | Bilibino | 78.47 1c | P | P | 21 49 32.2 -1.3 |
| BILL | | | e | e | 21 49 42.1 |
| BILL | comp=Z,158nm,2.5s,mb5.5 | | MLR | MLR | |
| BILL | comp=Z,4um,19.0s,MSS.8 | | MLR | MLR | |
| BILL | Bilibino | 78.47 1 | eP | P | 21 49 33.5 0.0 |
| BILL | comp=Z,89nm,1.0s,mb5.7 | | P | P | |
| SVWZ | Sparrevohn | 78.50 19 | eP | P | 21 49 34.2 +0.4 |
| SVWZ | comp=Z,2.8nm,1.7s | | P | P | |
| RSO | Redoubt South | 78.97 21 | eP | P | 21 49 33.6 -2.9 |
| QTA | South Pole Qui | 79.40 180 | eP | P | 21 49 37.2 -1.4 |
| GPSA | comp=Z,38nm,1.1s,mb5.2 | | P | P | |
| TAL | Tatalina | 79.75 18 | eP | P | 21 49 40.9 +0.2 |
| ZAK | Zakamensk | 79.90 326 | eP | P | 21 49 42.2 +0.5 |
| ZAK | | | pmax | pmax | |
| SEW | Seward | 79.90 22 | eP | P | 21 49 41.2 -0.3 |
| SEW | comp=Z,36nm,1.0s,mb5.8 | | P | P | |
| LSA | Lhasa | 79.98 303 | P | P | 21 49 43.5 +0.8 |
| LSA | | | PP | PP | 21 52 44.3 -0.4 |
| LSA | | | S | S | 21 59 35.8 -1.1 |
| LSA | | | LR | LR | |
| LSA | comp=E,3um,28.4s | | LR | LR | |
| LSA | comp=Z,3um,26.5s,MSS.5 | | LR | LR | |
| IRK | Irkutsk | 80.32 328 | eS | S | 21 49 43.4 -0.6 |
| IRK | | | eS | eS | 21 59 50.3 +1.2 |
| IRK | | | pmax | pmax | |
| IRK | comp=Z,56nm,2.2s,mb5.1 | | pmax | pmax | |
| CAL | Calcutta | 80.32 295 | ex | x | 21 49 36.2 |
| CAL | | | ex | ex | 21 59 59.0 |
| CAL | | | x | x | 21 59 44.1 -0.1 |
| TYL | Talaya | 80.36 327 | P | P | 21 49 44.4 +0.2 |
| TYL | comp=Z,171nm,1.0s,mb5.3 | | P | P | |
| TYL | Talaya | 80.36 327 | eP | P | 21 52 52.1 |
| TYL | | | e | e | 21 59 50.5 +0.9 |
| TYL | | | eS | eS | |
| TYL | | | pmax | pmax | |
| TYL | comp=Z,37nm,1.0s,mb5.3 | | P | P | 21 49 44.4 +0.2 |
| TYL | Talaya | 80.36 327 | eP | P | 21 49 44.4 +0.2 |
| TYL | comp=Z,30nm,1.0s,mb5.2 | | P | P | |
| TYL | Talaya | 80.36 327 | P | P | 21 49 44.1 -0.1 |
| TYL | comp=Z,171nm,1.0s,mb5.3 | | P | P | |
| RC01 | Rabbit Creek A | 80.47 21 | eP | P | 21 49 44.0 -0.6 |
| PPLA | Purkeypile | 80.91 19 | eP | P | 21 49 47.5 +0.6 |
| PPLA | comp=Z,55nm,1.5s,mb5.3 | | P | P | |
| PMR | Palmer | 81.03 21 | eP | P | 21 49 45.9 -1.7 |
| PMR | | | pmax | pmax | |
| PMR | comp=Z,62nm,1.5s,mb5.3 | | pmax | pmax | |
| PMR | Palmer | 81.03 21 | eP | P | 21 49 45.9 -1.7 |
| PMR | comp=Z,62nm,1.5s,mb5.3 | | P | P | |
| MOY | Mondy | 81.79 326 | eP | P | 21 49 52.1 +0.3 |
| MOY | | | pmax | pmax | |
| MOY | comp=Z,101nm,3.4s | | pmax | pmax | |
| DIV | Divide | 81.94 22 | eP | P | 21 49 52.2 -0.2 |
| BPWA | Bear Paw Mtn. | 82.15 19 | eP | P | 21 49 52.3 -1.2 |
| BPWA | comp=Z,20nm,1.2s,mb4.9 | | P | P | |
| TAPN | Taplejung | 82.18 300 | eP | P | 21 49 54.9 +0.5 |
| TAPN | comp=Z,28nm,1.3s,mb5.0 | | P | P | |
| BMRM | Bremner River | 82.29 23 | eP | P | 21 49 53.3 -0.9 |
| BMRM | comp=Z,39nm,1.1s,mb5.2 | | P | P | |
| ODAN | Odare | 82.32 299 | eP | P | 21 49 55.5 +0.3 |
| ODAN | comp=Z,446nm,1.5s,mb5.3 | | P | P | |
| RAMN | Ramite | 83.02 299 | eP | P | 21 49 59.1 +0.3 |
| RAMN | comp=Z,203nm,1.3s,mb5.0 | | P | P | |
| RPN | Rapa Nui | 83.04 116 | P | P | 21 49 58.7 -0.3 |
| JIRN | Jiri | 83.56 300 | eP | P | 21 50 02.3 +0.7 |
| JIRN | comp=Z,421nm,1.4s,mb5.4 | | P | P | |
| PNL | Peninsula | 83.62 25 | eP | P | 21 50 01.1 0.0 |
| PNL | comp=Z,51nm,1.1s,mb5.6 | | P | P | |
| COLA | College | 83.67 19 | eP | P | 21 50 00.1 -1.2 |
| COLA | | | pmax | pmax | |
| COLA | comp=Z,42nm,0.9s,mb5.6 | | P | P | 21 50 00.1 -1.2 |
| COLA | College | 83.67 19 | eP | P | 21 50 00.1 -1.2 |
| COLA | comp=Z,42nm,0.9s,mb5.6 | | P | P | |
| VIS | Vishakhapatnam | 83.68 289 | ePKP | P | 21 50 02.1 -0.4 |
| VIS | | | AMB | AMB | 21 50 04.5 |
| VIS | comp=Z,69nm,1.1s,mb5.7 | | P | P | 21 50 02.0 -0.2 |
| MENT | Mentasta | 83.83 22 | eP | P | 21 50 03.7 +0.4 |
| GUN | Gumba | 83.89 300 | eP | P | 21 50 03.7 +0.4 |
| GUN | comp=Z,452nm,1.1s,mb5.5 | | P | P | |
| ILAR | Eielson Array | 83.91 19 | P | P | 21 50 00.7 -1.9 |
| ILAR | comp=Z,14nm,1.0s,mb5.0,baz=233,slow=4.9,SNR=48 | | P | P | |
| PALK | Pallekele | 83.98 279 | P | P | 21 50 04.6 +0.5 |
| KCPM | Cahto Peak | 84.12 48 | eP | P | 21 50 05.2 +1.0 |
| KCPM | comp=Z,46nm,1.2s,mb5.5 | | P | P | |
| MAW | Mawson | 84.18 202 | eP | P | 21 50 03.2 -0.8 |
| MAW | comp=Z,22nm,1.0s,mb5.2 | | P | P | |
| MAW | Mawson | 84.18 202 | P | P | 21 50 03.7 -0.3 |
| MAW | comp=Z,24nm,1.1s,mb5.5,baz=98,slow=6.5,SNR=7.4 | | LR | LR | 22 24 22.5 |
| MAW | comp=Z,3um,20.1s,MSS.6,baz=96,slow=33 | | LR | LR | |
| MAW | Mawson | 84.18 202 | eP | P | 21 50 02.8 -1.2 |
| MAW | | | pmax | pmax | |
| MAW | comp=Z,11nm,1.2s | | P | P | 21 50 02.8 -1.2 |
| MAW | Mawson | 84.18 202 | eP | P | 21 50 02.8 -1.2 |
| MAW | comp=Z,11nm,1.2s,mb4.9 | | P | P | |
| PKI | Pulchoki | 84.21 299 | eP | P | 21 50 05.1 +0.2 |
| PKI | comp=Z,344nm,1.2s,mb6.4 | | P | P | |
| PKI | Pulchoki | 84.21 299 | eP | P | 21 50 05.1 +0.2 |
| PKI | comp=Z,345nm,1.2s,mb6.4 | | pmax | pmax | |
| PKIN | Phulchoki | 84.22 299 | eP | P | 21 50 04.8 -0.2 |
| PKIN | comp=Z,108nm,0.7s,mb5.1 | | P | P | |
| HOPS | Hoipland | 84.28 49 | eP | P | 21 50 06.2 +1.2 |
| HOPS | comp=Z,115nm,1.4s,mb5.8 | | P | P | |
| KKN | Kakani | 84.37 299 | eP | P | 21 50 06.0 +0.2 |
| KKN | comp=Z,284nm,1.3s,mb6.2 | | P | P | |
| KKN | Kakani | 84.37 299 | eP | P | 21 50 06.0 +0.2 |
| KKN | | | pmax | pmax | |
| KKN | comp=Z,284nm,1.3s,mb6.2 | | P | P | |
| KHLM | Horse Mountain | 84.40 47 | eP | P | 21 50 07.5 +1.9 |
| KHLM | comp=Z,45nm,1.1s,mb5.5 | | P | P | |
| DMN | Daman | 84.48 299 | eP | P | 21 50 06.7 +0.4 |
| DMN | comp=Z,589nm,1.0s,mb6.7 | | P | P | |
| COLD | Coldfoot | 84.58 17 | eP | P | 21 50 06.2 +0.3 |
| COLD | comp=Z,16nm,1.0s,mb5.1 | | P | P | |
| SAO | San Andreas Ge | 84.82 51 | eP | P | 21 50 10.0 +2.2 |

| | | | | | |
|------|---------------------------------------|-----------|------|------|-----------------|
| SAO | comp=Z,37nm,1.1s,mb5.4 | | pmax | pmax | |
| SAO | San Andreas Ge | 84.82 51 | eP | P | 21 50 10.0 +2.2 |
| SAO | comp=Z,37nm,1.1s,mb5.5 | | P | P | |
| GKN | Gona | 84.98 300 | eP | P | 21 50 08.5 -0.3 |
| GKN | comp=Z,315nm,1.0s,mb6.4 | | P | P | |
| HYT | Haines Junction | 85.04 25 | eP | P | 21 50 09.0 +0.7 |
| WDC | Whiskeytown Da | 85.17 47 | eP | P | 21 50 10.9 +1.5 |
| WDC | | | pmax | pmax | |
| WDC | comp=Z,50nm,1.4s,mb5.5 | | P | P | 21 50 10.9 +1.5 |
| WDC | Whiskeytown Da | 85.17 47 | eP | P | 21 50 10.9 +1.5 |
| WDC | comp=Z,50nm,1.4s,mb5.5 | | P | P | |
| TIXI | Tiksi | 85.19 350 | eP | S | 21 50 07.4 -1.5 |
| TIXI | | | eS | eS | 22 00 25.0 -1.3 |
| TIXI | | | eSS | eSS | 22 09 34.0 |
| TIXI | comp=Z,81nm,2.2s,mb5.5 | | pmax | pmax | |
| TIXI | Tiksi | 85.19 350 | eP | P | 21 50 08.5 -0.4 |
| TIXI | comp=Z,116nm,1.5s,mb5.8 | | P | P | |
| SKAG | Skagway | 85.27 27 | eP | P | 21 50 12.3 +2.8 |
| SKAG | comp=Z,0.4nm,0.3s | | P | P | |
| YBH | Yreka Blue Hor | 85.40 46 | eP | P | 21 50 10.5 -0.1 |
| YBH | | | pmax | pmax | |
| YBH | comp=Z,59nm,1.2s | | P | P | 21 50 10.5 -0.1 |
| YBH | Yreka Blue Hor | 85.40 46 | eP | P | 21 50 10.5 -0.1 |
| YBH | comp=Z,58nm,1.2s,mb5.6 | | P | P | |
| BSC | Santa Cruz Isl | 85.45 54 | UP | P | 21 50 10.5 -0.6 |
| BSC | baz=89 | | P | P | |
| HUMO | Hull Mountain | 85.51 45 | eP | P | 21 50 10.8 -0.3 |
| HUMO | comp=Z,58nm,1.2s,mb5.7 | | P | P | |
| SBC | Santa Barbara | 85.51 44 | UP | P | 21 50 10.6 -0.8 |
| SBC | | | P | P | |
| SMMC | Simmer | 85.53 53 | UP | P | 21 50 11.6 +0.3 |
| SMMC | baz=86 | | P | P | |
| SMMC | Simmer | 85.53 53 | UP | P | 21 50 11.6 +0.3 |
| SMMC | baz=86 | | P | P | |
| BBB | Bella Bella | 85.66 35 | LR | LR | 22 23 51.6 |
| BBB | comp=Z,2um,18.4s,MSS.5,baz=76,slow=32 | | LR | LR | |
| KOLN | Koldanda | 85.81 299 | eP | P | 21 50 12.4 -0.6 |
| KOLN | comp=Z,67nm,0.9s,mb5.9 | | P | P | |
| EGAK | Eagle | 85.84 21 | eP | P | 21 50 11.5 -0.8 |
| EGAK | comp=Z,66nm,0.9s,mb5.9 | | P | P | |
| COR | Corvallis | 85.91 43 | eP | P | 21 50 13.8 +0.7 |
| COR | | | pmax | pmax | |
| COR | comp=Z,32nm,1.0s,mb5.5 | | P | P | 21 50 13.8 +0.7 |
| COR | Corvallis | 85.91 43 | eP | P | 21 50 13.8 +0.7 |
| COR | comp=Z,32nm,1.0s,mb5.5 | | P | P | |
| BLG | Laguna Peak | 85.94 54 | UP | P | 21 50 13.8 +0.3 |
| BLG | baz=89 | | P | P | |
| CMB | Columbia Cole | 86.00 50 | eP | P | 21 50 12.6 -1.1 |
| CMB | | | pmax | pmax | |
| CMB | comp=Z,93nm,1.6s,mb5.6 | | P | P | 21 50 12.6 -1.1 |
| CMB | Columbia Cole | 86.00 50 | eP | P | 21 50 12.6 -1.1 |
| CMB | comp=Z,93nm,1.6s,mb5.6 | | P | P | |
| DAWY | Dawson | 86.07 22 | eP | P | 21 50 13.6 +0.2 |
| F03A | Seaside | 86.18 42 | UP | P | 21 50 14.2 -0.1 |
| F03A | baz=86 | | P | P | |
| OSI | Osito Adit | 86.34 54 | UP | P | 21 50 15.1 -0.3 |
| OSI | | | P | P | |
| OSI | Osito Adit | 86.34 54 | P | P | 21 50 15.1 -0.3 |
| OSI | Lebam | 86.38 41 | UP | P | 21 50 15.1 -0.2 |
| OSI | baz=86,SNR=23 | | P | P | |
| OSI | Vestal, Richgr | 86.39 53 | UP | P | 21 50 14.9 -0.8 |
| OSI | baz=86 | | P | P | |
| VES | Vestal | 86.39 53 | UP | P | 21 50 14.9 -0.8 |
| VES | baz=86 | | P | P | |
| ARVC | Arvin | 86.40 53 | UP | P | 21 50 15.6 -0.1 |
| ARVC | baz=86 | | P | P | |
| NLWA | Neilton Lookou | 86.47 41 | UP | P | 21 50 15.7 0.0 |
| NLWA | baz=89 | | P | P | |
| NLWA | Neilton Lookou | 86.47 41 | UP | P | 21 50 15.1 -0.6 |
| NLWA | comp=Z,43nm,1.3s,mb5.5 | | P | P | |
| PASC | Pasadena Art C | 86.66 55 | eP | P | 21 50 17.0 0.0 |
| PASC | comp=Z,59nm,0.4s,mb5.9 | | P | P | |
| G04A | Mulino | 86.66 43 | UP | P | 21 50 16.8 +0.1 |
| G04A | baz=87 | | P | P | |
| H04A | Detroit Lake | 86.69 44 | UP | P | 21 50 16.7 -0.2 |
| H04A | baz=87 | | P | P | |
| MWC | Mount Wilson | 86.77 54 | eP | P | |

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FETA Feichten, BFO Black Forest, BAIF Baives, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ELOB Guadarrama, GUD Guadarrama, PCAB Cabril, etc.

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

Table of flight data for the left column, including flight numbers, destinations, times, and status.

Table of flight data for the middle column, including flight numbers, destinations, times, and status.

Table of flight data for the right column, including flight numbers, destinations, times, and status.

Table with multiple columns containing station names (e.g., BIA, BIA Bitola, BIA Bitola), call signs, frequencies, and other technical details. The table is organized into several vertical sections.

28d 23h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NVAR Mina Array Bea, NVAR Makanchi Array, NIED 28 23:07:20.0, MOS 28 23:07:24.1, JMA 28 23:07:24.1, IDC 28 23:07:26.7, BUI 28 23:07:26.3, NEIC 28 23:07:26.5.

ISC 28 23:07:26.4, 0.25, 25.12N, 0.03, 127.96E, 0.04, h42km, h42km, 2.2, 2km, pp-P, A7, r=1918/1, mb4.1/21, Ryyukyu Islands

Main table of station data with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists numerous stations including JYT2, NAH1, JAGN, JKE, JOGS, JOW, JIH, JJK, JMS, JMT, JAM, JIJ, JIZ, JKR, JIR, JYJ, JNN, JSLB, TWG, BJT, BJI, BJJ, KMI, LZH, SONM, TLY, MK31, MKAR, WRAB, KURK, CTA, CTAO, ASAR, BVAR, BRVK, BRVK.

2008 JUL

Main table of station data with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like KBL Kabul, ABKAR Abkulkul array, ARU Arti, STKA Stephens Creek, ILAR Eielson Array, KIV Kislovodsk, ARCES ARCES Array B, FINES FINESS Array B, BRTR Keskin Array B, NOA NORSTAR Subarra, KESKIN Keskin Array B, UNIVR University Cam, TRIZ Trizonia, VLS Valsamata, KALE Kalithea, GUR Gaura, ITHOMI Ithomi, DSF Desfina, THL Klokotos Trika, MIRA Miranda, BSSO Bussio, RNI2 Rionero Sannit, CERA Filignano, RFI Roccamongina, SACR S. Croce Del S, SDI San Donato, PSB1 Pescosannita, CIGN Sant'Elia a Pi, MODR Mondragone, POFI Posta Fibreno, FRES Fresagrandinar, LPEL Lama del Pelig, MRB1 Monte Rocchett, VVLD Villa Valle, VVLD Villa Valle, FG2 Ferracina, CAFR Castel Frentan, FG5 Orsara di Pugli, GIUL Giuliano Di Ro, GUAR Guarcino, CAFE Carife, SGTA Sant'Agata di, SNAL Sant'Angelo Dei, MCRV Calabritti, MCRV Calabritti, SGRS San Giovanni R, MRLC Muro Lucano, MISAG Monte S. Angel.

1278

Main table of station data with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like TRIZ Trizonia, VLS Valsamata, KALE Kalithea, GUR Gaura, ITHOMI Ithomi, DSF Desfina, THL Klokotos Trika, VAGA Valle Agricola, VAGA Valle Agricola, SGG Gregorio Mates, SGG Gregorio Mates, MIRA Miranda, MIRA Miranda, BSSO Bussio, BSSO Bussio, RNI2 Rionero Sannit, RNI2 Rionero Sannit, CERA Filignano, CERA Filignano, RFI Roccamongina, RFI Roccamongina, SACR S. Croce Del S, SACR S. Croce Del S, SDI San Donato, SDI San Donato, PSB1 Pescosannita, PSB1 Pescosannita, CIGN Sant'Elia a Pi, CIGN Sant'Elia a Pi, MODR Mondragone, MODR Mondragone, POFI Posta Fibreno, POFI Posta Fibreno, FRES Fresagrandinar, FRES Fresagrandinar, LPEL Lama del Pelig, LPEL Lama del Pelig, MRB1 Monte Rocchett, MRB1 Monte Rocchett, VVLD Villa Valle, VVLD Villa Valle, FG2 Ferracina, FG2 Ferracina, CAFR Castel Frentan, CAFR Castel Frentan, FG5 Orsara di Pugli, FG5 Orsara di Pugli, GIUL Giuliano Di Ro, GIUL Giuliano Di Ro, GUAR Guarcino, GUAR Guarcino, CAFE Carife, CAFE Carife, SGTA Sant'Agata di, SGTA Sant'Agata di, SNAL Sant'Angelo Dei, SNAL Sant'Angelo Dei, MCRV Calabritti, MCRV Calabritti, SGRS San Giovanni R, SGRS San Giovanni R, MRLC Muro Lucano, MRLC Muro Lucano, MISAG Monte S. Angel.

Table with columns: MSAG, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like MS1, MS2, CDRU, etc.

IDC 28 23:36:22.3-7.4, 4.62S-129.91E, h0km, mb3.7/1, mb1 3.8/2, mb1mx4.3/17, mbtmp3.7/2, ML3.8/1, Error ellipse: s-maj=685.7km s-min=29.2km az=70.0, Banda Sea

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

IDC 28 23:52:05.9-0.6, 31.25N-103.95E, h0km, mb4.2/18, mb1 4.3/19, mb1mx4.3/23, mbtmp4.2/19, ML3.2/1, Error ellipse: s-maj=20.8km s-min=14.4km az=54.0

ISC 28 23:52:08.9, 31.35N-103.96E, h15km, mb4.6/9, mb4.4/15, ML4.2/22, Ms4.3/11, Ms7.4/1/10

ISC 28 23:52:08.2-0.8, 31.28N-103.92E, h0.0, h25km, 5km, mb4.5/73, Error ellipse: s-maj=5.1km s-min=4.5km

NEIC 28 23:52:08.1-0.2, 31.27N-103.83E, h10km, mb4.6/49, Error ellipse: s-maj=5.3km s-min=4.5km az=172.0

MOS 28 23:52:09.0-0.8, 31.33N-103.98E, h29km, mb4.7/48, Error ellipse: s-maj=9.9km s-min=5.5km az=113.1

SZGRF 28 23:52:24.5, 33.72N-103.20E, h33km, mb4.7, Gansu, China

ISC 28 23:52:09.4-0.7, 31.28N-102.89E, h18km, 4km, n203, 0.99/213, mb4.5/73, 1C-30, Sichuan

Main table for stations 1279, columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like CD2, LZH, ENH, etc.

Main table for stations 1280, columns: KOLN, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like KOLD, ZAK, TLY, etc.

Main table for stations 1281, columns: KWP, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like KWAR, KAL, ASAR, etc.

ellipse: s-maj=12.3km s-min=5.1km az=58.0
ATH 29 02:06:11.0, 38.03N,20.90E, h5km, MD3.4/6
ISC 29 02:06:02.9, 1.0, 38.07N,0.03,20.27E,0.06, h6km,5km,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like VLS Valsamata, KFL Anninata, RLS Riolos of Patr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like HOLB Holberg, PHC Port Hardy, BNB Barry Inlet, etc.

PGC 29 02:07:56.9, 0.9, 50.70N, 130.47W, h10km, ML2.9/9,
Mw3.5, 5D, 215km west of Pt. Hardy, BC Vancouver
Island Region, Vancouver Island region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like AML Almayashu, KSH Kashi, UCH Uchtor, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like TKM2 Tokmak 2, MKAR Makanchi Array, MKAR Kuratov Array, etc.

ISC/JB 29 02:38:21.2, 0.8, 50.17N, 0.06, 19.09E, 0.04, h0km, Error
ellipse: s-maj=8.2km s-min=3.4km az=14.9
IPEC 29 02:38:21.3, 0.5, 50.23N, 19.15E, h0km, ML1.8/3,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like OKC Ostrava-Krasne, OKC Ostrava-Krasne, NIE Niedzica, etc.

ISC 29 02:50:46.7, 5.3, 22.08S, 68.45W, h0km, mb3.8/1,
mb1.3/6.2, mb1mx3.4/12, mbtbp3.6/2.3, 1.1, Error
ellipse: s-maj=159.9km s-min=55.5km az=71.0,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like LPAZ La Paz, TORP Torodí Ar. Bea, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like DPC Dobruska-Polom, VRAC Vranov, NIE Niedzica, etc.

ATH 29 03:05:49.3, 37.87N, 19.94E, h14km, 2km, MD3.4/8
ISC/JB 29 03:05:50.3, 1.1, 38.06N, 0.07, 19.90E, 0.06, h10km, Error
ellipse: s-maj=10.8km s-min=5.8km az=30.3,

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

29d 7h

ellipse: s-maj=20.0km s-min=12.9km az=122.0
JMA 29 07 27:32.9, 39.06N:140.86E, h10km, 1km, M4.3
JMA Feit II J1
BUJ 29 07 27:34.6, 38.84N:140.32E, h9km, mB4.8/16, mb4.5/24,
Ms4.3/16, Ms7.3/16
MOS 29 07 27:36.6, 0.8, 39.24N:140.49E, h33km, mb4.8/31, Error
ellipse: s-maj=10.0km s-min=6.5km az=90.6
ISC 29 07 27:33.3, 0.4, 39.06N:0.02, 140.80E:0.03, h8km, 2km,
h15km, 1.7km: pP, n140, o116/157, mb4.5/55, MS3.9/4,

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

2008 JUL

Table with columns: Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Lists seismic stations and their recorded data for July 2008.

1284

Table with columns: Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Lists seismic stations and their recorded data for event 1284.

JMA 29 07 34:24.5, 39.06N:140.85E, h10km, 1km, M0.7, Eastern
Honshu
Code Station Name Az Az' Phase ID Time Res ISC
JMK Ichinoseki 0.31 110 S Sg 07 34 36.0 -0.2
JRG Rokugo 0.36 334 P P 07 34 32.2 +0.3
JOU Okura 0.71 192 S Sg 07 34 47.8 +0.4

Honshu, Japan
ISC 29 07:35:53.8+0.5,39.09N,102.140+69E,0.02, h6km,3km,
h24km,-1.9km,pp-P,460,0674/481,mb4.7/109,MS3.5/14,
97C-110D,Eastern Honshu

Table with columns: Code, Station Name, Azimuth (Az), Phase ID, Time (h:m:s), Res (h:m:s), ISC, and other parameters. Includes stations like Kaneyama, Rokugo, Ichinoseki, etc.

Table with columns: Station Name, Azimuth (Az), Phase ID, Time (h:m:s), Res (h:m:s), ISC, and other parameters. Includes stations like Yakutsk, Ulanbaatar, Lanzhou, Chengdu, etc.

Table with columns: Station Name, Azimuth (Az), Phase ID, Time (h:m:s), Res (h:m:s), ISC, and other parameters. Includes stations like Zalesovo Beam, Novosibirsk, Chiang Mai, etc.

Table with columns for property ID, name, address, price, and status. Includes entries like AKTO, FITZ, WRAB, KEV, ARCES, YKA, ASAR, JOF, VRHR, OBN, KAF, FINES, VSR, VORD, SUMG, D08A, NEW, ZEI, KIV, E09A, G08A, C11A, GNI, K05A, I07A, B13A, STKA, A14A, C13A, A15A, B14A, SOC, C14A, D13A, B15A, F12A, SLMT, ANN, D14A, B16A, A17A, NB2, NOA, NOA, NOA, AKASG, AKASG, B17A, E15A, WGN.

Table with columns for property ID, name, address, price, and status. Includes entries like D16A, H12A, HRY, H13A, E16A, LRM, CMB, CMB, D17A, DLMT, I13A, HLID, M10A, G15A, L11A, E17A, F16A, J13A, I14A, G16A, M11A, L12A, E18A, F17A, J14A, G17A, M12A, H16A, F18A, L13A, J15A, N12A, K14A, O11A, I16A, M13A, H17A, K15A, L14A, IMW, Q10A, RLMT, O12A, M14A, MOOW, K16A, SNOW, R10A, S10A, Q11A, J17A, P12A, N14A, M15A, R11A, Q12A, J18A, MPMC, HWUT, S11A, FURC, BUR08, DUG, DUG, DUG, DUG, K18A, R12A, BW06, BW06, P14A, U10A, T11A, L18A, Q14A, STHS, STHS, STHS, N17A, Q15A, S13A, TUQ, V11A.

Table with columns for property ID, name, address, price, and status. Includes entries like O17A, N18A, CCUT, T13A, OKC, OKC, P17A, GMRC, Q16A, P18A, MORC, MORC, S15A, PFO, L21A, DPC, DPC, BELC, UPC, UPC, R16A, SRU, N20A, U14A, VYHS, VYHS, VYHS, T15A, S16A, R17A, MONP, BRG, BRG, BRG, CLL, CLL, CLL, CLL, P19A, W13A, N21A, U15A, V14A, S17A, Q19A, R18A, X13A, W14A, V15A, N22A, T17A, S18A, R19A, PV10, N23A, P21A, WERD, O22A, U16A, X14A, NKC, NKC, MIOX, T18A, S19A, PV01, MMAI, P22A, R20A, Y14A, O23A, Z13A, CONA, SMC0, X15A, KHC, KHC, W16A, V17A, U18A, GEC2, GEC2, GEC2, Q22A, WET, WET, WET.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Y15A Casa Rosa Ranc, T19A Beclabito, M1VC0 Mesa Verde, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LPL La Plagne, LPGA La Plagne, LPGA La Plagne, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Iran, SHGR Shooshtar-Gavs, ASAO Ashtian, etc.

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

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

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

DDA 29 13:24:52.9, 36.99N-29.22E, h7km, 4km, MD2.7
ISCJB 29 13:24:53.3, 0.6, 36.99N, 0.03, 29.22E, 0.04, h5km, 6km,
Error ellipse: s-maj=5.9km s-min=4.4km az=25.9

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

COSTA RICA

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

NEIC 29 13:04:16.8, 39.16S-174.76E, h227km, MG4.3(WEL), After WEL

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

IDC 29 12:28:03.1, 3.2, 1.11N-121.02E, h0km, mb3.6/6, mb1 3.7/6, mb1mx3.5/20, mb1mx3.6/6, MS3.0/2, Ms1 3.1/2, ms1mx2.5/26, Error ellipse: s-maj=33.8km s-min=24.6km az=68.0

NEIC 29 12:28:04.7, 0.8, 21.05N-121.00E, h10km, Error ellipse: s-maj=15.9km s-min=10.3km az=104.0

ISCJB 29 12:28:05.7, 0.8, 21.09N-121.14E, 0.08, h33km, mb3.5/6, Error ellipse: s-maj=10.8km s-min=7.1km az=167.9

TAP 29 12:28:06.8, 21.34N-121.19E, h76km, 1km, ML4.1, C
ISC 29 12:28:07.0, 0.8, 21.17N-121.13E, 0.08, h35km, n39, 0.893/46, mb3.5/6, 1C, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TSEB, TWK1, HEN, LAY, EAST, SCZT, etc.

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

MAN 29 13:29:52, 15.34N-122.34E, h17km, mb4.3, ML3.1, MS2.9, 1C, Philippine Islands region

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

LDG 29 13:40:54.5, 0.1, 41.44N-81.33E, h10km, Mb4.5/9, Ms3.2/6, Error ellipse: s-maj=5.6km s-min=3.8km az=150.0

IDC 29 13:40:56.4, 0.7, 41.67N-81.33E, h0km, mb4.3/14, mb1 4.4/21, mb1mx4.3/29, mb1mx4.2/21, ML4.0/6, MS3.2/10, Ms1 3.3/10, ms1mx3.2/24, Error ellipse: s-maj=13.3km

BJJ 29 13:40:58.7, 41.66N-81.47E, h20km, mb4.7/5, mb4.4/13, ML4.3/11, Ms4.0/5, Ms7.3/8.5

MOS 29 13:40:59.6, 1.1, 41.76N-81.34E, h33km, mb4.6/27, Error ellipse: s-maj=8.9km s-min=5.2km az=115.8

ISCJB 29 13:40:59.7, 0.5, 41.69N-81.38E, 0.04, h38km, 5km, mb4.3/32, MS3.3/11, Error ellipse: s-maj=5.1km s-min=4.2km az=44.2

NNC 29 13:41:01.1, 1.8, 41.89N-81.28E, h6km, 37km, mb4.7, mp4.3, Error ellipse: s-maj=46.6km s-min=14.6km az=144.0

NEIC 29 13:41:01.6, 1.1, 41.75N-81.37E, h34km, 6km, mb4.5/17, Error ellipse: s-maj=3.4km s-min=3.8km az=55.0

ISC 29 13:40:59.5, 1.1, 41.69N-81.38E, 0.03, h19km, 7km, n168, 1.1929/177, mb4.3/32, MS3.3/11, 13C-4D, Southern Xinjiang

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

NEIC 29 12:40:19.9, 17.10N-100.03W, h24km, MD3.6(MEX), After MEX.
MEX 29 12:40:19.6, 1.5, 17.09N-100.04W, h27km, 19km, MD3.6, Guerrero

MEX 29 14:01:22.1-0.8, 15.939N-97.76W, h25km, MD3.6, Near coast of Oaxaca

IDC 29 14:18:55.2-2.0, 17.115N x 178.00W, h0km, mb4.0/4, mb1.4/3.4, mb1mx3.9/1.4, mbtmp4.0/4, Error ellipse: s-maj=215.0km s-min=26.9km az=151.0, Fiji Islands region

NEIC 29 15:12:53.4-0.8, 32.645S-71.69W, h26km, ML3.2(GUC), After GUC

GUC 29 15:12:53.4-0.8, 32.645S-71.69W, h26km, g2km, MD3.8, ML3.2, 1C-1D, Near coast of Central Chile

ISC/JB 29 15:15:42.3-1.0, 37.8N; 0.2-32.2W; 0.2, h10km, mb3.6/6, MS3.3/3, Error ellipse: s-maj=29.9km s-min=19.5km az=176.0

IDC 29 15:15:42.3-1.2, 37.72N; 32.16W, h0km, mb3.6/6, mb1.3/9.6, mb1mx3.5/2.5, mbtmp3.6/6, MS3.4/3, Ms1.3/4.3, ms1mx2.9/2.8, Error ellipse: s-maj=34.8km s-min=26.6km az=162.0

CSEM 29 15:15:43.9, 37.72N; 32.17W, h10km, After NEIC

ISC 29 15:15:44.3-1.0, 37.8N; 0.2-32.2W; 0.2, h10km, n17, o#33/15, mb3.6/6, MS3.3/3, Azores Islands region

ESDC Sonseca Array 22.04 76 P P 15 20 39.2 +0.2

IDC 29 15:40:39.0-1.0, 10.772S; 163.51E, h0km, mb4.0/10, mb1.4/3.12, mb1mx4.2/1.8, mbtmp4.2/1.2, ML5.4/1, MS3.9/6, Ms1.3/9.6, ms1mx3.5/2.3, Error ellipse: s-maj=29.1km s-min=21.8km az=116.0

ISC/JB 29 15:40:43.9-2.2, 10.74S; 0.08-163.3E; 0.1, h38km, 18km, mb4.2/13, MS3.9/4, Error ellipse: s-maj=18.3km s-min=11.7km az=148.3

AFI Afiamalu 24.55 100 LR LR 15 53 18.4

CMAR Chiang Mai Arr 69.79 294 P P 15 51 53.5 +0.9

KRSC 29 16:00:52.5-1.5, 51.19N x 158.03E, h106km, 106km, ML3.6, Near east coast of Kamchatka Peninsula

NIED 29 16:19:00.44, 10N; 148.10E, h41km, Mw4.4 Best double couple: Ms5.22000x1015 N1.9; 353.00000, 383.00000, 1.65, 0.00000, NP2.9; 249.00000, 326.00000, 1.164, 0.00000

ISC/JB 29 16:19:54.0-0.5, 44.62N; 148.16E, h55km, 4km, mb4.8/8.7, Error ellipse: s-maj=6.2km s-min=3.2km az=157.0

NEIC Recorded [1 JMA] in eastern Hokkaido

KUR Kuril'sk 0.70 344 P Pn 16 20 08.9 -1.5

YUK Yuzh-Kuril'sk 1.72 253 P Pn 16 20 22.8 -0.8

YUK Yuzh-Kuril'sk 1.72 253 P Pn 16 20 22.8 -0.8

YUK Yuzh-Kuril'sk 1.72 253 P Pn 16 20 22.8 -0.8

ASAJ comp=E, 1.1um, 21.4s, baz=293, slow=42

JWK2 Keihoku 4.49 282 P Pn 16 21 04.4 +3.0

JANG Nango 6.44 232 P Pn 16 21 25.4 -2.7

SKR Severo-Kuril's 8.15 39 P Pn 16 21 51.5 0.0

HABR Khabarovsk 9.83 298 P Pn 16 22 16.0 +1.6

SKR Severo-Kuril's 8.15 39 P Pn 16 21 51.5 0.0

PETK Petropavlovsk- 10.61 33 Pn 16 22 21.6 -3.5

MAJO Matushiro 11.01 227 Pn 16 22 27.9 -2.6

MAJO Matushiro 11.01 227 Pn 16 22 27.9 -2.6

MAJO Matushiro 11.01 227 Pn 16 22 27.9 -2.6

MAJO Matushiro 11.01 227 Pn 16 22 27.9 -2.6

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like OKC Ostrava-Krasne, Z21A St. Cloud Mine, V25A Rancho No Teng, etc.

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like VTS Vitosh, STU Stuttgart, 426A McDonald Obser, etc.

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like LPL La Plagne, LPL La Plagne, LPL La Plagne, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GOLH Golhisar, ELL Elmali, DNZL Cakiroluk, etc.

ISCJB 29 16:34:48.0, 6.0, 36.98N, 0.04:29.23E, 0.04, h11km, 6km, Error ellipse: s-maj=6.8km s-min=5.0km az=9.7

CSEM 29 16:34:48.3, 0.2, 36.99N:29.22E, h8km, MD2.9, Error ellipse: s-maj=5.8km s-min=4.4km az=16.0

ISK 29 16:34:48.6, 36.98N:29.22E, h16km, MD2.9

ISC 29 16:34:48.9, 0.6, 36.98N:0.04:29.24E, 0.04, h14km, 5km, n26, c0583/39, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSVF Nonsava, AFI Afiamalu, DZM Dzum Dzumac, etc.

ISC 29 16:55:10.2, 0.2, 12.62N:87.73W, h0km, mb3.8/2, mb1.3/9.4, mb1mx3.6/18, mbtmp3.7/4, ML3.2/2, MS3.0/1, Ms1.3/0.1, ms1mx2.5/25, Error ellipse: s-maj=64.5km s-min=27.4km az=40.0

ISCJB 29 16:55:11.4, 0.9, 11.91N:0.06:88.30W, 0.06, h43km, 12km, mb4.0/5, Error ellipse: s-maj=13.3km s-min=5.5km az=138.4

NEIC 29 16:55:11.4, 1.6, 11.90N:88.04W, h38km, 16km, mb4.2/2, Error ellipse: s-maj=25.5km s-min=13.8km az=218.0

CASC 29 16:55:11.3, 2.3, 12.08N:88.24W, h8km, 20km, MD4.0, ML3.8, mb4.2(NEIC)

ISC 29 16:55:12.9, 0.8, 11.95N:0.06:88.25W, 0.06, h49km, 11km, n31, c1923/35, mb4.0/5, Off coast of central America

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CNCH Conchagua, VSM San Miguel, BLML Bellamira, etc.

ISC 29 17:44:29.5, 2.4, 7.11S:150.36E, h0km, mb3.5/5, mb1.3/7.5, mb1mx3.5/17, mbtmp3.6/5, MS2.8/1, Ms1.2.8/1, ms1mx2.5/19, Error ellipse: s-maj=85.7km s-min=27.1km az=123.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CTA Charters Tower, ASAR Alice Springs, FITZ Fitzroy Crossi, etc.

DJA 29 17:58:01, 1.07N:121.46E, h10km, MLV3.9/4, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MRSI Marisa, APSI Ampana, LUWI Luvuk, etc.

ISC 29 18:06:48.0, 4.0, 1.34:06N:135.47E, h63km, mb3.2/3, mb1.3/4.5, mb1mx3.2/25, mbtmp3.3/5, ML3.4/2, Error ellipse: s-maj=86.3km s-min=19.0km az=153.0

ISCJB 29 18:06:47.5, 0.6, 34.08N:104.135E, 0.06, h67km, 4km, mb2.9/3, Error ellipse: s-maj=7.8km s-min=6.0km az=150.5

JMA 29 18:06:48.0, 4.0, 1.34:06N:135.47E, h63km, M3.3 Broadband fault plane solution: P waves. NP1: phi=67.00000, delta=59.00000, tau=176.00000. NP2: phi=159.00000, delta=87.00000, tau=31.00000. Principal axes: T P1g24.0000, Azm28.0000, N P1g59.0000, Azm116.0000, P P1g19.0000, Azm289.0000

JMA Felt 1/5, ISC 29 18:06:48.0, 6.3, 34.08N:104.135E, 0.05, h61km, 5km, n15, c0411/25, mb2.9/3, 2C-5D, New south coast of western Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JWY Kouya, JWM Minabe, JWJ Kozaga, etc.

ISC 29 18:06:52.8, 1.2, 15.37N:122.72E, h0km, mb3.7/7, mb1.3/7.7, mb1mx3.5/22, mbtmp3.7/7, ML4.8/1, Error ellipse: s-maj=31.5km s-min=18.8km az=93.0

NEIC 29 18:06:53.8, 0.6, 15.39N:122.81E, h10km, mb4.4/2, Error ellipse: s-maj=18.7km s-min=10.3km az=80.0

MAN 29 18:06:55, 15.41N:122.37E, h0km, mb5.0, ML3.9, MS4.0

ISCJB 29 18:06:57, 4.0, 15.47N:120.03E:122.48E, 0.05, h33km, mb3.8/9, Error ellipse: s-maj=7.4km s-min=4.3km az=170.0

ISC 29 18:06:58, 7.0, 15.47N:120.03E:122.47E, 0.06, h35km, n27, c1940/33, mb3.8/8, 2C, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like POLP Poililo Island, BALP Baler, GOP Guinayanagan, etc.

WEL 29 18:09:33.1, 0.8, 38.07S:176.09E, h142km, gkm, ML3.5/5, Error ellipse: s-maj=8.5km s-min=5.9km az=90.0, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, BKZ Black Stump Fen, RAHZ Aarahi, etc.

ISC 29 18:21:41.6, 2.9, 15.01N:93.94W, h0km, mb3.4/2, mb1.3/7.4, mb1mx3.6/18, mbtmp3.3/4, ML3.3/2, Error ellipse: s-maj=110.6km s-min=27.6km az=68.0, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMIG Matias Romero, TXAR Lajitas Array, NVAR Arriaga Array, etc.

ISC 29 18:34:56.8, 0.7, 0.20N:96.46E, h0km, mb4.2/14, mb1.4/2.16, mb1mx3.2/25, mbtmp4.2/16, ML3.9/2, MS5.3/1, Ms1.5/3.1, ms1mx3.2/26, Error ellipse: s-maj=24.6km s-min=16.0km az=56.0

ISCJB 29 18:34:57.3, 2.5, 0.27N:0.04:96.66E, 0.07, h15km, 18km, mb4.3/30, Error ellipse: s-maj=12.0km s-min=6.5km az=159.8

BUI 29 18:34:58.0, 0.20N:96.60E, h20km, mb4.7/1, mb4.4/3

DJA 29 18:34:59, 0.26N:96.54E, h34km, mb4.7/7

NEIC 29 18:35:01, 9.0, 3.0, 0.21N:96.62E, h35km, mb4.4/8, Error ellipse: s-maj=10.6km s-min=6.9km az=65.0

ISC 29 18:34:59, 5.3, 0.27N:0.05:96.67E, 0.07, h16km, 23km, n78, c1800/76, mb4.3/30, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GSI Gunungsitoli, SISI Saibi, MNSI Mandailing Nat, etc.

ISC 29 18:39:13.3, 2.9, 7.0N:101.75E, h0km, mb3.8/2, Error ellipse: s-maj=18.7km s-min=10.3km az=80.0

ISC 29 18:39:13.3, 2.9, 7.0N:101.75E, h0km, mb3.8/2, Error ellipse: s-maj=18.7km s-min=10.3km az=80.0

ISC 29 18:39:13.3, 2.9, 7.0N:101.75E, h0km, mb3.8/2, Error ellipse: s-maj=18.7km s-min=10.3km az=80.0

ISC 29 18:39:13.3, 2.9, 7.0N:101.75E, h0km, mb3.8/2, Error ellipse: s-maj=18.7km s-min=10.3km az=80.0

29d 18h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth 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.

BGS 29 18:42:09.6; 21.7; 31.81N; 115.73W, h15km, mb5.2, MS5.6
BUI 29 18:42:11.6; 33.37N; 117.90W, h3km, mb5.7/27, mb5.4/29,
M5.5/32, M5.7/31
ECX 29 18:42:13.0; 0.8; 34.00N; 117.82W, h7km, M0.5, ML5.7
ISCBJ 29 18:42:14.6; 0.1; 33.859N; 0.009; 117.81W; 0.01, h15km,
s-min=1.1km az=34.4
NEIC 29 18:42:15.7; 3.93; 95N; 117.76W, h15km, mb5.5/189, ME5.4,
MS5.5/9, MW5.4, MW5.3, MW5.4(PAS), MW5.3(SLM)
Broadband fault plane solution: P waves. NP1:
p2=295.00000; s67.00000; lambda110.00000; NP2:
p2=72.00000; s30.00000; lambda10.00000. Principal axes: T
Plg63.0000; Azm237.0000; N Plg0.0000; Azm0.0000;
P Plg20.0000; Azm10.0000; Moment 1.7e9; Slip0.0;
S34 Moment Scale 1017 Nm; Mw0.0; Ms0.0;
Mw0.0; Ms0.0; Mw0.0; Mw0.0; Best double couple:
Mw1.30000x1017 NP1 p1=286.00000; s72.00000;
lambda137.00000. NP2: p2=32.00000; s50.00000; lambda24.00000.
Principal axes: T 1.4000, Plg42.0000; Azm240.0000; N
-0.1700, Plg44.0000; Azm87.0000; P -1.2200,
Plg13.0000; Azm343.0000; Depth from synthetics of
broadband displacement seismograms. Energy computed
from BB mechanism. After PAS.
NEIC Three people injured at Brea and five people injured in
the Wilshire District of Los Angeles. Minor damage to
windows and brick walls at Los Angeles and Topanga. Felt
[VI] at Anaheim, Artesia, Brea, Chino, Chino Hills, Covina,
Diamond Bar, Fullerton, La Puente, Los Alamitos,
Montclair, Pomona, Placentia, San Dimas, Walnut, West
Covina, Whittier and Yorba Linda; [V] at Alhambra, Azusa,
Baldwin Park, Bell, Bellflower, Buena Park, Canoga Park,
Cerritos, Claremont, Corona, Cypress, Downey, El Monte,
Garden Grove, Glendora, Hacienda Heights, Hawaiian
Gardens, La Habra, Lakewood, La Mirada, La Palma, La
Verne, Lynwood, Maywood, Mira Loma, Montrose, Mount
Baldy, North Hollywood, Northridge, Norwalk, Ontario,
Panorama City, Paramount, Pico Rivera, Rancho
Cucamonga, Reseda, Rosemead, Rowland Heights, San
Gabriel, Santa Fe Springs, Seal Beach, South El Monte,
South Gate, South Pasadena, Stanton, Upland, Villa Park,
Winnetka and Woodland Hills. Felt [IV] in much of the
surrounding Los Angeles basin and in much of southern
California. Felt [III] at Las Vegas and [II] at North Las
Vegas and Pahrump, Nevada. Also felt at Henderson. Felt
at Bullhead City, Flagstaff, Kingman, Mesa, Phoenix and
Yuma, Arizona. Also felt at Tijuana, Baja California.
IDC 29 18:42:16.0; 0.5; 33.94N; 117.82W, h15km, mb5.0/26,
mb1.5/0.31, mb1mx5.0/31, mb1mp4.9/31, ML6.6/26, MS5.1/29,
Ms1.5/1/29, ms1mx5.0/37 Error ellipse: s-maj=15.2km
s-min=9.3km az=52.0
MOS 29 18:42:15.0; 0.8; 33.95N; 117.85W, h18km, mb5.6/114,
MS5.4/37, Error ellipse: s-maj=5.1km s-min=3.3km
az=73.3
SZGRF 29 18:42:16.0; 34.01N; 118.75W, h16km, mb5.3, MS5.6,
Southern California, United States
DJA 29 18:42:18.34; 50N; 118.29W, h10km, mb5.7/3
GCMT 29 18:42:19.5; 0.2; 33.93N; 117.84W, h20km, MW5.5,
Moment Tensor Solution: s73,c137; s18,c22; Moment
tensor: Scale 1017Nm; Mw0.92; 0.3; Mw+1.87; 0.3;
Mw+0.95; 0.3; Mw+0.49; 0.5; Mw+0.51; 0.2; Mw+0.84; 0.5;
Best double couple: M1=0.0000; s102.0000; lambda14.0000;
s55.00000; lambda290.0000; NP2: p2=296.00000; s67.00000;
lambda11.00000. Principal axes: T 1.9100, Plg43.0000;
Azm255.0000; N 0.1000, Plg46.0000; Azm90.0000; P
-2.0000, Plg7.0000; Azm352.0000; Data Used: IIU IC
G CN. Surface waves: sta= 94, comp=193, per=50.
ISC 29 18:42:16.1; 0.1; 33.83N; 0.01; 117.87W; 0.01, h16km,
h16km, 4km; p-P, n1235, s126/1221, mb5.3/267,
M55.3/119, 316C-213D, Southern California

2008 JUL

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth 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.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, 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.

29d 18h

| | | | | | | | |
|-------|----------------|-------|-----|-----|------|----|-----------------|
| J17A | Brown Place, J | 11.04 | 28 | U | P | Pn | 18 44 55.8 +2.5 |
| BW06 | Boulder Array | 11.05 | 34 | U | P | Pn | 18 44 55.2 +1.8 |
| BW06 | Boulder Array | 11.05 | 34 | ePn | Pn | Pn | 18 44 55.0 +1.5 |
| RNO | Roman Nose | 11.06 | 337 | P | P | Pn | 18 44 57.7 +4.2 |
| TPAW | Teton Pass | 11.06 | 27 | ePn | Pn | Pn | 18 44 55.8 +2.4 |
| DCD11 | Drake Creek | 11.06 | 26 | ePn | Pn | Pn | 18 44 56.2 +2.7 |
| V25A | Rancho No Teng | 11.08 | 76 | U | P | Pn | 18 44 55.3 +1.5 |
| H13A | Challis | 11.08 | 14 | U | P | Pn | 18 44 57.1 +3.2 |
| 225A | Deer Hill, Car | 11.10 | 95 | U | P | Pn | 18 44 54.9 +0.8 |
| L20A | Wamsutter | 11.10 | 40 | U | P | Pn | 18 44 56.2 +1.2 |
| SNOW | Snow King Moun | 11.11 | 28 | ePn | Pn | Pn | 18 44 56.7 +2.5 |
| 125A | Gardner Draw, | 11.13 | 92 | U | P | Pn | 18 44 55.6 +1.1 |
| P23A | Jefferson | 11.14 | 57 | U | P | Pn | 18 44 55.2 +0.5 |
| W25A | X Bar L Ranch, | 11.15 | 79 | U | P | Pn | 18 44 57.8 +2.9 |
| 325A | Bean Ranch, Si | 11.15 | 99 | U | P | Pn | 18 44 55.0 +0.1 |
| I16A | Newdale | 11.20 | 24 | U | P | Pn | 18 44 56.3 +0.9 |
| J18A | Kendall Valley | 11.20 | 31 | U | P | Pn | 18 44 56.8 +1.4 |
| R24A | Sanders Place, | 11.23 | 63 | U | P | Pn | 18 44 56.0 +0.2 |
| LOHW | Long Hollow | 11.29 | 28 | ePn | Pn | Pn | 18 44 58.7 +1.9 |
| 425A | Indio Mountain | 11.32 | 102 | U | P | Pn | 18 44 58.2 +1.1 |
| U25A | Circle Dot Ran | 11.32 | 73 | U | P | Pn | 18 44 57.9 +0.8 |
| H14A | Leadore | 11.32 | 17 | U | P | Pn | 18 44 59.0 +1.8 |
| H04A | Detroit Lake | 11.34 | 344 | U | P | Pn | 18 44 59.8 +2.4 |
| MOOW | Moose Ponds | 11.36 | 27 | ePn | Pn | Pn | 18 44 59.7 +2.1 |
| M21A | Separation Pea | 11.38 | 44 | U | P | Pn | 18 44 58.5 +0.6 |
| IMW | Indian Meadow | 11.41 | 261 | ePn | Pn | Pn | 18 45 00.8 +2.5 |
| K19A | Absolon Red Bu | 11.44 | 36 | U | P | Pn | 18 44 60.0 +1.3 |
| N22A | Wattenberg Ran | 11.45 | 49 | U | P | Pn | 18 44 59.5 +0.7 |
| GD1L | Guadalupe Moun | 11.46 | 94 | U | P | Pn | 18 45 00.3 +1.3 |
| Q24A | Divide | 11.46 | 60 | U | P | Pn | 18 44 60.0 +1.0 |
| T25A | Trinidad | 11.46 | 69 | U | P | Pn | 18 45 00.8 +1.8 |
| G08A | Pilot Rock | 11.48 | 356 | U | P | Pn | 18 44 59.2 +3.6 |
| O23A | Lake Granby, G | 11.48 | 53 | U | P | Pn | 18 44 59.4 +0.1 |
| ISCO | Idaho Springs | 11.48 | 55 | eP | Pmax | Pn | 18 44 59.6 +0.2 |
| ISCO | Idaho Springs | 11.49 | 55 | ePn | Pn | Pn | 18 44 59.6 +0.2 |
| RWWY | Rawlins | 11.52 | 44 | ePn | Pn | Pn | 18 44 57.6 -2.2 |
| COR | Corvallis | 11.54 | 340 | eP | Pmax | Pn | 18 44 59.3 -0.7 |
| COR | Corvallis | 11.54 | 340 | ePn | Pn | Pn | 18 44 59.3 -0.7 |
| K20A | Yellowstone Ra | 11.56 | 38 | U | P | Pn | 18 45 01.4 +1.0 |
| I17A | Pilgrim Ck. | 11.56 | 27 | U | P | Pn | 18 45 03.3 +2.8 |
| S25A | Robets Cordova | 11.57 | 67 | U | P | Pn | 18 45 02.4 +1.9 |
| G06A | Carlson Farm, | 11.59 | 350 | U | P | Pn | 18 45 04.6 +3.9 |
| G13A | Cobalt | 11.60 | 13 | U | P | Pn | 18 45 02.9 +2.1 |
| L21A | Rawlins | 11.60 | 43 | U | P | Pn | 18 45 02.0 +1.0 |
| Z26A | Caprock | 11.61 | 89 | U | P | Pn | 18 45 03.7 +2.7 |
| MCMT | McKenzie Canyo | 11.65 | 18 | ePn | Pn | Pn | 18 45 05.0 +3.4 |
| 126A | Clayton Basin, | 11.66 | 92 | U | P | Pn | 18 45 03.3 +1.5 |
| X26A | CR and CF Fran | 11.67 | 83 | U | P | Pn | 18 45 02.7 +0.8 |
| Y26A | Eliada | 11.68 | 86 | U | P | Pn | 18 45 03.5 +1.5 |
| I18A | Diamond G Ranc | 11.69 | 30 | U | P | Pn | 18 45 03.6 +1.6 |
| 226A | Malaga, Loving | 11.70 | 95 | U | P | Pn | 18 45 04.2 +1.8 |
| W26A | Owens Ranch, T | 11.71 | 80 | U | P | Pn | 18 45 04.6 +2.0 |
| N23A | Red Feather La | 11.82 | 50 | U | P | Pn | 18 45 04.9 +1.0 |
| CLNB | Carlsbad | 11.85 | 94 | ePn | Pn | Pn | 18 45 05.8 +1.5 |
| P24A | Kohler Place, | 11.85 | 58 | U | P | Pn | 18 45 05.2 +0.8 |
| U26A | Atchley Ranch, | 11.85 | 74 | U | P | Pn | 18 45 05.4 +1.0 |
| G14A | Jackson | 11.90 | 15 | U | P | Pn | 18 45 07.4 +2.4 |
| G04A | Mulino | 11.90 | 344 | U | P | Pn | 18 45 07.2 +2.2 |
| YFT | Old Faithful | 11.93 | 25 | ePn | Pn | Pn | 18 45 07.4 +2.0 |
| H17A | Grant Village | 11.97 | 26 | U | P | Pn | 18 45 08.4 +2.4 |
| 326A | Caldwell Ranch | 11.99 | 98 | U | P | Pn | 18 45 09.0 +2.7 |
| O24A | Longmont | 12.01 | 55 | U | P | Pn | 18 45 07.0 +0.6 |
| H16A | Russell Place, | 12.01 | 23 | U | P | Pn | 18 45 09.0 +2.5 |
| NLOR | Linnton Mounta | 12.03 | 359 | eP | Pmax | Pn | 18 45 11.1 +4.3 |
| NLOR | Linnton Mounta | 12.03 | 359 | ePn | Pn | Pn | 18 45 11.1 +4.3 |
| G15A | Dillon | 12.06 | 19 | U | P | Pn | 18 45 09.7 +2.6 |
| YMR | Madison River | 12.07 | 24 | ePn | Pn | Pn | 18 45 04.6 -2.8 |
| F12A | Elk City | 12.08 | 9 | U | P | Pn | 18 45 10.6 +3.1 |
| Q25A | Bedland, Calha | 12.10 | 61 | U | P | Pn | 18 45 09.5 +1.8 |
| 426A | McDonald Obser | 12.13 | 101 | U | P | Pn | 18 45 10.9 +2.6 |
| F10A | Beach Ranch, E | 12.14 | 2 | U | P | Pn | 18 45 11.4 +3.1 |
| F07A | Phinny Hill Vi | 12.16 | 353 | U | P | Pn | 18 45 11.7 +3.2 |
| LKWY | Lake | 12.18 | 26 | eP | Pmax | Pn | 18 45 08.6 -0.3 |
| LKWY | Lake | 12.18 | 26 | ePn | Pn | Pn | 18 45 08.6 -0.3 |
| 127A | Arkansas Junct | 12.21 | 91 | U | P | Pn | 18 45 10.7 +1.4 |
| YNR | Norris Junctio | 12.21 | 25 | Pn | Pn | Pn | 18 45 09.4 +0.2 |
| DLMT | Dillon | 12.21 | 18 | ePn | Pn | Pn | 18 45 12.0 +2.7 |
| HEBO | Mount Hebo | 12.24 | 340 | ePn | Pn | Pn | 18 45 12.2 +2.5 |
| Z27A | Tatum | 12.24 | 88 | U | P | Pn | 18 45 12.3 +2.6 |
| F13A | Darby | 12.25 | 12 | U | P | Pn | 18 45 12.5 +2.7 |
| X27A | F and S Farms, | 12.26 | 82 | U | P | Pn | 18 45 11.7 +1.8 |
| W27A | Bowe Ranch, En | 12.29 | 80 | U | P | Pn | 18 45 12.7 +2.3 |

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|------|------------------|-------|-----|-----|------|----|-----------------|
| 526A | Mary Lane Ranc | 12.29 | 104 | U | P | Pn | 18 45 13.0 +2.6 |
| G16A | Moss Hill, Enn | 12.31 | 21 | U | P | Pn | 18 45 12.7 +2.1 |
| PHWV | Pilot Hill | 12.35 | 49 | ePn | Pn | Pn | 18 45 12.2 +1.0 |
| 327A | Balmorhea Ranc | 12.37 | 97 | U | P | Pn | 18 45 15.1 +3.5 |
| P25A | Willow Gulch B | 12.38 | 59 | U | P | Pn | 18 45 13.3 +1.8 |
| 227A | Bennet, Jal | 12.39 | 94 | U | P | Pn | 18 45 14.1 +2.4 |
| 626A | Big Bend Ranch | 12.45 | 106 | U | P | Pn | 18 45 15.7 +3.1 |
| F14A | Wisdom | 12.46 | 15 | U | P | Pn | 18 45 14.7 +2.1 |
| N24A | Carr | 12.47 | 52 | U | P | Pn | 18 45 15.2 +2.4 |
| MSTX | Muleshoe | 12.55 | 85 | U | P | Pn | 18 45 15.4 +1.4 |
| F04A | Amboy | 12.58 | 345 | U | P | Pn | 18 45 18.3 +4.0 |
| 427A | Hayer Ranch, | 12.59 | 100 | U | P | Pn | 18 45 17.1 +2.5 |
| HAWA | Hanford | 12.62 | 355 | ePn | Pn | Pn | 18 45 18.2 +3.4 |
| RSW | Rattlesnake Hill | 12.62 | 355 | ePn | Pn | Pn | 18 45 18.3 +3.5 |
| 527A | Woodward Ranch | 12.65 | 103 | U | P | Pn | 18 45 17.4 +2.1 |
| O25A | Wiggins | 12.65 | 56 | U | P | Pn | 18 45 17.0 +1.7 |
| E09A | Wood Farm, Sta | 12.67 | 359 | U | P | Pn | 18 45 18.8 +3.3 |
| LRM | Limekiln Ridge | 12.68 | 18 | ePn | Pn | Pn | 18 45 18.2 +2.6 |
| E08A | Dider Farm, El | 12.68 | 356 | U | P | Pn | 18 45 18.8 +3.1 |
| G17A | Pierce Place, | 12.72 | 23 | U | P | Pn | 18 45 19.7 +3.5 |
| E07A | Sunyside | 12.81 | 354 | U | P | Pn | 18 45 20.9 +3.6 |
| F03A | Seaside | 12.85 | 342 | U | P | Pn | 18 45 20.2 +2.3 |
| F16A | Kennard Place, | 12.87 | 20 | U | P | Pn | 18 45 20.5 +2.4 |
| E13A | Victor | 12.91 | 11 | U | P | Pn | 18 45 20.7 +1.9 |
| TXAR | Lajitas Array | 12.91 | 106 | Pn | Pn | Pn | 18 45 20.4 +1.5 |
| TXAR | Lajitas Array | 12.91 | 106 | Pn | LR | LR | 18 50 21.0 |
| 328A | Wristen Ranch, | 12.93 | 97 | U | P | Pn | 18 45 21.2 +2.0 |
| N25A | Grover | 12.99 | 54 | U | P | Pn | 18 45 21.3 +1.4 |
| E14A | Clinton | 13.01 | 14 | U | P | Pn | 18 45 21.6 +1.5 |
| RLMT | Red Lodge | 13.08 | 28 | U | P | Pn | 18 45 24.0 +2.8 |
| RLMT | Red Lodge | 13.08 | 28 | ePn | Pn | Pn | 18 45 23.5 +2.4 |
| 627A | Terlingua Ranc | 13.09 | 106 | U | P | Pn | 18 45 25.6 +4.3 |
| G18A | Laz EL Ranch, | 13.13 | 27 | U | P | Pn | 18 45 24.9 +3.0 |
| E15A | Deer Lodge, | 13.20 | 16 | U | P | Pn | 18 45 23.7 +1.0 |
| D08A | Wolman Farm, | 13.24 | 357 | U | P | Pn | 18 45 25.6 +2.3 |
| LON | Longmire | 13.25 | 348 | eP | Pmax | Pn | 18 45 25.8 +2.4 |
| LON | Longmire | 13.25 | 348 | ePn | Pn | Pn | 18 45 25.8 +2.3 |
| LON | Longmire | 13.25 | 348 | ePn | Pn | Pn | 18 45 25.8 +2.3 |
| F17A | Fitzpatrick Pl | 13.27 | 22 | U | P | Pn | 18 45 26.8 +3.1 |
| 528A | Cox Ranch, San | 13.31 | 102 | U | P | Pn | 18 45 28.6 +4.2 |
| MSO | Missoula | 13.33 | 121 | ePn | Pn | Pn | 18 45 26.4 +1.9 |
| E03A | Lebam | 13.42 | 343 | U | P | Pn | 18 45 28.0 +2.2 |
| A0X | Amarillo | 13.42 | 81 | ePn | Pn | Pn | 18 45 27.6 +1.7 |
| 628A | Black Gap, Mar | 13.48 | 105 | U | P | Pn | 18 45 30.2 +3.6 |
| GCMT | Greycliff | 13.50 | 25 | ePn | Pn | Pn | 18 45 29.6 +2.8 |
| D13A | Huson | 13.50 | 10 | U | P | Pn | 18 45 29.2 +2.4 |
| CHMT | Chamberlain Mo | 13.54 | 14 | ePn | Pn | Pn | 18 45 29.1 +1.8 |
| E16A | East Helena | 13.54 | 19 | U | P | Pn | 18 45 28.8 +1.4 |
| OD2 | Odessa Site #2 | 13.56 | 358 | ePn | Pn | Pn | 18 45 29.3 +1.6 |
| F18A | Big Timber | 13.58 | 25 | U | P | Pn | 18 45 30.6 +2.7 |
| D14A | Greenough | 13.65 | 13 | U | P | Pn | 18 45 30.3 +1.4 |
| HRY | Holter Researc | 13.66 | 18 | ePn | Pn | Pn | 18 45 31.8 +2.7 |
| E17A | Martinsdale | 13.71 | 21 | U | P | Pn | 18 45 31.4 +1.7 |
| D05A | Enumclaw | 13.71 | 348 | U | P | Pn | 18 45 31.3 +1.7 |
| SLMT | Seeley Lake | 13.80 | 13 | ePn | Pn | Pn | 18 45 32.4 +1.4 |
| D15A | Lincoln | 13.81 | 16 | U | P | Pn | 18 45 31.9 +0.8 |
| ETW | Entiat | 13.89 | 353 | ePn | Pn | Pn | 18 45 34.4 +2.3 |
| C09A | Chrisman Ranch | 13.96 | 359 | U | P | Pn | 18 45 34.4 +1.2 |
| SWMT | Swartz Lake | 13.98 | 11 | ePn | Pn | Pn | 18 45 34.8 +1.4 |
| C12B | Naegeli Ranch, | 13.99 | 7 | U | P | Pn | 18 45 34.7 +1.2 |
| D16A | Dana Ranch, Ca | 14.03 | 18 | U | P | Pn | 18 45 34.7 +0.6 |
| E18A | Harlowton | 14.09 | 23 | U | P | Pn | 18 45 37.4 +2.5 |
| JTMT | Jette | 14.17 | 10 | ePn | | | |

29d 18h

| | | | | | | | |
|-------|--|----------------|-------|-----|-----|-----|-----------------|
| CCA1 | comp=Z,1um,18.0s,MSS.3 | Carmenellis | 77.39 | 37 | AMS | AMS | 19 29 59.7 |
| CCA1 | comp=Z,1um,13.4s,MSS.4 | Carmenellis | 77.39 | 37 | AMS | AMS | 19 29 59.7 |
| CWF | comp=Z,1um,13.4s | Charnwood Fore | 77.67 | 34 | AMS | AMS | 19 28 55.2 |
| CWF | comp=Z,2um,15.0s,MSS.5 | Charnwood Fore | 77.67 | 34 | AMS | AMS | 19 28 55.2 |
| DYA | comp=Z,1um,15.0s | Yadworthy | 77.88 | 37 | AMS | AMS | 19 29 22.2 |
| DYA | comp=Z,1um,15.1s,MSS.4 | Yadworthy | 77.88 | 37 | AMS | AMS | 19 29 22.2 |
| SWN1 | comp=Z,1um,15.1s | Swindon | 78.23 | 35 | AMS | AMS | 19 32 27.6 |
| SWN1 | comp=Z,1um,16.0s,MSS.3 | Swindon | 78.23 | 35 | AMS | AMS | 19 32 27.6 |
| MUD | comp=Z,1um,16.0s | Monsted U'grnd | 79.49 | 27 | iP | P | 18 54 24.2 +2.6 |
| MUD | comp=Z,1um,18.0s,MSS.2 | Monsted U'grnd | 79.49 | 27 | iP | P | 19 04 27.5 +5.5 |
| MUD | comp=Z,1um,18.0s | Monsted U'grnd | 79.49 | 27 | iP | P | 18 54 24.2 +2.6 |
| MUD | comp=Z,1um,18.0s | Monsted U'grnd | 79.49 | 27 | iP | P | 19 04 27.5 +5.5 |
| ROSF | comp=Z,1um,18.0s | Rostrenen | 79.54 | 38 | eP | P | 18 54 21.2 -0.8 |
| JSA | comp=Z,1um,19.5s,MSS.5 | Saint Aubin | 79.56 | 37 | AMS | AMS | 19 27 12.3 |
| JSA | comp=Z,1um,19.5s | Saint Aubin | 79.56 | 37 | AMS | AMS | 19 27 12.3 |
| EMAZ | comp=Z,1um,19.5s | Mazaricos | 79.73 | 45 | P | P | 18 54 22.0 -1.2 |
| QUIF | comp=Z,55nm,3.0s | Quistinic | 79.87 | 38 | eP | P | 18 54 23.4 -0.4 |
| QUIF | comp=Z,82nm,1.1s,mb5.2 | Quistinic | 79.87 | 38 | eP | P | 18 54 23.4 -0.4 |
| QUIF | comp=Z,41nm,1.1s,mb5.3 | Quistinic | 79.87 | 38 | eP | P | 18 54 23.4 -0.4 |
| QUIF | comp=Z,41nm,1.1s,mb5.0 | Quistinic | 79.87 | 38 | eP | P | 18 54 23.4 -0.4 |
| SGMF | comp=Z,20nm,1.1s,mb5.0 | Saint Gilles | 79.96 | 38 | eP | P | 18 54 23.7 -0.6 |
| SGMF | comp=Z,20nm,1.1s,mb5.0 | Saint Gilles | 79.96 | 38 | eP | P | 18 54 23.7 -0.6 |
| SGMF | comp=Z,20nm,1.1s,mb5.0 | Saint Gilles | 79.96 | 38 | eP | P | 18 54 23.7 -0.6 |
| SGMF | comp=Z,20nm,1.1s,mb5.0 | Saint Gilles | 79.96 | 38 | eP | P | 18 54 23.7 -0.6 |
| STS | comp=Z,14nm,3.0s | Santiago | 80.02 | 45 | P | P | 18 54 27.3 +2.6 |
| STS | comp=Z,14nm,3.0s | Santiago | 80.02 | 45 | P | P | 18 54 27.3 +2.6 |
| KAF | comp=Z,37nm,1.2s,mb5.2 | Kangasniemi | 80.12 | 16 | eP | P | 18 54 23.8 -1.1 |
| KAF | comp=Z,37nm,1.2s,mb5.2 | Kangasniemi | 80.12 | 16 | eP | P | 18 54 23.8 -1.1 |
| MJAR | comp=Z,37nm,1.2s,mb5.2,baz=326,slow=5.3 | Matsushiro Arr | 80.37 | 308 | P | P | 18 54 26.0 -0.8 |
| MJAR | comp=Z,29nm,1.1s,mb5.1,baz=42,slow=3.9,SNR=59 | Matsushiro | 80.38 | 308 | eP | P | 19 21 16.8 |
| MJAR | comp=Z,29nm,1.1s,mb5.1,baz=42,slow=3.9,SNR=59 | Matsushiro | 80.38 | 308 | eP | P | 18 54 25.9 -0.9 |
| MAJO | comp=Z,129nm,1.4s,mb5.7 | Matsushiro | 80.38 | 308 | eP | P | 18 54 25.9 -0.8 |
| MAJO | comp=Z,129nm,1.4s,mb5.7 | Matsushiro | 80.38 | 308 | eP | P | 18 54 25.9 -0.8 |
| MAT | comp=Z,129nm,1.4s,mb5.7 | Matsushiro | 80.38 | 308 | eP | P | 18 54 26.0 -0.8 |
| MAT | comp=Z,129nm,1.4s,mb5.7 | Matsushiro | 80.38 | 308 | eP | P | 19 04 36.0 +3.9 |
| JOF | comp=Z,32nm,0.9s,mb5.2 | Joensuu | 80.48 | 14 | eP | P | 18 54 26.0 -0.8 |
| JOF | comp=Z,32nm,0.9s,mb5.2 | Joensuu | 80.48 | 14 | eP | P | 18 54 26.0 -0.8 |
| EPON | comp=Z,78nm,2.2s,mb5.2 | Pontenava | 80.57 | 44 | P | P | 18 54 28.9 +1.2 |
| FINES | comp=Z,17nm,0.9s,mb5.0,baz=1.8,slow=5.9,SNR=31 | FINES Array B | 80.65 | 17 | P | P | 18 54 26.9 -0.8 |
| FINES | comp=Z,17nm,0.9s,mb5.0,baz=1.8,slow=5.9,SNR=31 | FINES Array B | 80.65 | 17 | P | P | 18 54 32.2 -0.9 |
| FINES | comp=Z,17nm,0.9s,mb5.0,baz=1.8,slow=5.9,SNR=31 | FINES Array B | 80.65 | 17 | P | P | 19 33 07.6 |
| FINES | comp=Z,17nm,0.9s,mb5.0,baz=1.8,slow=5.9,SNR=31 | FINES Array B | 80.65 | 17 | P | P | 18 54 26.9 -0.8 |
| FINES | comp=Z,17nm,0.9s,mb5.0,baz=1.8,slow=5.9,SNR=31 | FINES Array B | 80.65 | 17 | P | P | 18 54 26.9 -0.8 |
| FINES | comp=Z,17nm,0.9s,mb5.0,baz=1.8,slow=5.9,SNR=31 | FINES Array B | 80.65 | 17 | P | P | 18 54 32.2 -0.9 |
| FLN | comp=Z,246nm,1.8s,mb5.5 | La Foliniere | 80.67 | 37 | eP | P | 18 54 27.8 -0.3 |
| FLN | comp=Z,246nm,1.8s,mb5.5 | La Foliniere | 80.67 | 37 | eP | P | 18 54 27.8 -0.3 |
| FLN | comp=Z,123nm,1.8s,mb5.5 | La Foliniere | 80.67 | 37 | eP | P | 18 54 27.8 -0.3 |
| FLN | comp=Z,123nm,1.8s,mb5.5 | La Foliniere | 80.67 | 37 | eP | P | 18 54 27.8 -0.3 |
| FLN | comp=Z,123nm,1.8s,mb5.5 | La Foliniere | 80.67 | 37 | eP | P | 18 54 27.8 -0.3 |
| FLN | comp=Z,123nm,1.8s,mb5.5 | La Foliniere | 80.67 | 37 | eP | P | 18 54 27.8 -0.3 |
| GRR | comp=Z,2um,20.5s,MSS.4 | Gorron | 80.73 | 37 | eP | P | 18 54 28.2 -0.3 |
| GRR | comp=Z,104nm,1.2s,mb5.3 | Gorron | 80.73 | 37 | eP | P | 18 54 28.2 -0.3 |
| GRR | comp=Z,104nm,1.2s,mb5.3 | Gorron | 80.73 | 37 | eP | P | 18 54 28.2 -0.3 |
| GRR | comp=Z,52nm,1.2s,mb5.3 | Gorron | 80.73 | 37 | eP | P | 18 54 28.2 -0.3 |
| GRR | comp=Z,52nm,1.2s,mb5.3 | Gorron | 80.73 | 37 | eP | P | 18 54 28.2 -0.3 |
| MDJ | comp=Z,52nm,1.2s,mb5.3 | Mudanjiang | 80.79 | 318 | P | P | 18 54 27.8 -1.0 |
| MDJ | comp=Z,52nm,1.2s,mb5.3 | Mudanjiang | 80.79 | 318 | P | P | 18 54 30.3 -3.9 |
| MDJ | comp=Z,52nm,1.2s,mb5.3 | Mudanjiang | 80.79 | 318 | P | P | 18 54 32.3 -3.9 |
| MDJ | comp=Z,52nm,1.2s,mb5.3 | Mudanjiang | 80.79 | 318 | P | P | 18 57 30.5 -2.0 |
| MDJ | comp=Z,52nm,1.2s,mb5.3 | Mudanjiang | 80.79 | 318 | P | P | 19 04 34.5 -1.7 |
| MDJ | comp=Z,52nm,1.2s,mb5.3 | Mudanjiang | 80.79 | 318 | P | P | 19 04 42.0 -3.1 |
| MDJ | comp=Z,52nm,1.2s,mb5.3 | Mudanjiang | 80.79 | 318 | P | P | 19 04 53.5 -1.8 |
| MDJ | comp=Z,52nm,1.2s,mb5.3 | Mudanjiang | 80.79 | 318 | P | P | 19 09 50.3 +1.6 |
| MDJ | comp=Z,18nm,1.1s,mb4.9 | Mudanjiang | 80.79 | 318 | P | P | 18 54 27.8 -1.0 |
| MDJ | comp=Z,230nm,8.0s | Mudanjiang | 80.79 | 318 | P | P | 18 54 30.3 -3.9 |
| MDJ | comp=N,410nm,14.4s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 18 54 32.3 -3.9 |
| MDJ | comp=E,370nm,14.4s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 18 57 30.5 -2.0 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 19 04 34.5 -1.7 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 19 04 42.0 -3.1 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 19 04 53.5 -1.8 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 19 09 50.3 +1.6 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 18 54 27.8 -1.0 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 18 54 30.3 -3.9 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 18 54 32.3 -3.9 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 18 57 30.5 -2.0 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 19 04 34.5 -1.7 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 19 04 42.0 -3.1 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 19 04 53.5 -1.8 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 19 09 50.3 +1.6 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 18 54 27.8 -1.0 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 18 54 30.3 -3.9 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 18 54 32.3 -3.9 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 18 57 30.5 -2.0 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 19 04 34.5 -1.7 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 19 04 42.0 -3.1 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 19 04 53.5 -1.8 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 19 09 50.3 +1.6 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 18 54 27.8 -1.0 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 18 54 30.3 -3.9 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 18 54 32.3 -3.9 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 18 57 30.5 -2.0 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 19 04 34.5 -1.7 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 19 04 42.0 -3.1 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 19 04 53.5 -1.8 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 19 09 50.3 +1.6 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 18 54 27.8 -1.0 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 18 54 30.3 -3.9 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 18 54 32.3 -3.9 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 18 57 30.5 -2.0 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 19 04 34.5 -1.7 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 19 04 42.0 -3.1 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 19 04 53.5 -1.8 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 19 09 50.3 +1.6 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 18 54 27.8 -1.0 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 18 54 30.3 -3.9 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 18 54 32.3 -3.9 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 18 57 30.5 -2.0 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 19 04 34.5 -1.7 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 19 04 42.0 -3.1 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 19 04 53.5 -1.8 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 19 09 50.3 +1.6 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 18 54 27.8 -1.0 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 18 54 30.3 -3.9 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 18 54 32.3 -3.9 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 18 57 30.5 -2.0 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 19 04 34.5 -1.7 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 19 04 42.0 -3.1 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 19 04 53.5 -1.8 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 19 09 50.3 +1.6 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 18 54 27.8 -1.0 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 18 54 30.3 -3.9 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 18 54 32.3 -3.9 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 18 57 30.5 -2.0 |
| MDJ | comp=Z,550nm,15.9s,MSS.0 | Mudanjiang | 80.79 | 318 | P | P | 19 04 34.5 -1.7 |

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like ERM, SEK, GRM, MOA, KSD, POGA.

ISCJB 29 18:51:51.3,0.5,33.95N,0.02,-117.81W,0.02,h13km,3km, Error ellipse: s-maj=2.7km s-min=2.4km az=30.2

NEIC 29 18:51:52.3,33.95N,-117.80W,h16km,ML3.8(PAS),After PAS.

ISC 29 18:51:51.6,0.3,33.93N,0.02,-117.83W,0.02,h14km,2km, n57,-0574/83,38C-32D,Southern California

Main table for stations 1303, listing station names, coordinates, and operational status. Includes stations like BFSC, MWC, MASC, PASC, FMP, DECC, DECC, MURC, MURC, CIS, CIS, BBRC, EDW2, EDW2, OSI, OSI, OSI, BLG, BLG, SCI, SCI, RRR, RRR, PFO, PFO, 109C, 109C, ARVC, ARVC, BELC, BELC, HEC, HEC, LRMC, LRMC, MONP, MONP, BAR, BAR, GSC, GSC, GSC, GSC, ISA, ISA, DVTC, DVTC, SWSC, SWSC, GMRC, GMRC, BC3, BC3, BC3, MPMC, MPMC, MPMC, MPMC, VES, VES, TUQ, TUQ, SHOC, SHOC, CWC, CWC, GLA, GLA, W11A, W11A, V12A, V12A, V12A, V12A, U11A, U11A, X13A, X13A, X13A, X13A, W13A, W13A, U12A, U12A, T12A, T12A, Y14A, Y14A, Y14A, Y14A, S10A, S10A, X14A, X14A, X14A, X14A, V14A, V14A, T13A, T13A.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations Y15A, S13A, T14A, HWUT.

BUL 29 18:54:32.8,2.44S,152.92E,h7km,mB5.3/35,mB5.4/60, Ms5.0/44,Ms7.4/8,4/2

IDC 29 18:54:33.7,0.4,2.71S,152.47E,h0km,mB5.1/22, mB1.5/223,mB2.6/23,ML5.3/1,MS4.8/9, Ms1.4/8.9,ms1mx4.5/27, Error ellipse: s-maj=18.8km s-min=12.0km az=57.0

NEIC 29 18:54:35.2,0.2,2.67S,152.66E,h10km,mB5.5/57, MS5.1/1,MW5.2, Error ellipse: s-maj=6.3km s-min=4.8km az=96.0, Moment Tensor Solution. s18 Moment tensor: Scale 10^16Nm; Mr:2.84; Mw:0.65; Mo:0.68; Mv:1.67; Mw:6.10; Best double couple: Mr:7.0000x10^16 Np1.7s,7.00000, s76.00000, 1.81.00000. NP2: s=220.00000, s17.00000, 1.122.00000. Principal axes: T: 6.56000, Plg58.00000, Azm264.00000; N: 1.02000, Plg8.00000, Azm3.00000; P: -7.59000, Plg30.00000, Azm104.00000.

ISCJB 29 18:54:37.6,0.9,2.74S,0.03,-152.61E,0.03,h37km,8km, s-min=5.3km az=179.2

MOS 29 18:54:38.4,0.9,2.55S,152.55E,h33km,mB5.5/47, MS5.0/7, Error ellipse: s-maj=10.7km s-min=6.4km az=106.8

GCMT 29 18:54:42.0,0.2,2.65S,152.71E,h31km,MW5.3, Moment Tensor Solution. s69c106; s89,c148; Moment tensor: Scale 10^17Nm; Mr:0.00; Mw:0.00; Mo:0.00; Mv:0.00; Best double couple: M:1.20000x10^17 Np1.7s,147.00000, s19.00000, 1.73.00000. NP2: s=345.00000, s71.00000, 1.96.00000. Principal axes: T: 1.26000, Plg63.00000, Azm265.00000; N: -0.12000, Plg6.00000, Azm163.00000; P: -1.14000, Plg26.00000, Azm71.00000; Data Used: II, IU, IC, G, C, N.

DJA 29 18:54:46.2,81.5S,152.53E,h97km,Mw5.7/41, h14km,7.1km;pP-P,n470,s1905/337,mB5.5/67,MS4.9/28, 58C-14D, New Ireland region

Main table for stations 2008 JUL, listing station names, coordinates, and operational status. Includes stations PMG, HNR, HNR, COEN, COEN, BAKI, GUMO, GUMO, GUMO, GUMO, CTA, CTA, CTA, CTA, CTA, CTA, TLE, KAKA, KAKA, KAKA, EIDS, DZM, DZM, WRAB, WRAB, WRAB, WRAB, TNTI, NLAI, KNA, ARMA, ARMA, ASAR, ASAR, ASAR, ASAR, MNI, DAV, DAV, KMSI, BUKP, LUDI, KEND, FITZ, FITZ, FITZ, FITZ, FITZ, FITZ, MMRI.

Main table for stations 29d 18h, listing station names, coordinates, and operational status. Includes stations STKA, STKA, STKA, STKA, MRSI, RIV, CBIJ, PCI, SPSI, WSI, CUYO, GOAC, MYLDM, TOO, BUSP, TSM, TGY, TGY, TGY, PALP, BALP, ENPP, PPR, LUBP, LURP, FORT, FORT, KBKI, BATP, APYP, KHKI, ABRA, SRBI, IGBI, GMJI, MOO, TWG, NACB, SSLB, SBUM, YHNB, PWJI, NGJI, MJAR, MJAR, MJAR, MAT, MAT, PCJI, URZ, URZ, SMRI, YOGI, KSM, KSM, KSM, QZH, QZH, BJII, KLBR, RPZ, RPZ, RPZ, RWAO, TPI, LEM, TNG, SKJI, KRSR, KRSR, INCN, INCN, CGJI, NJ2, NJ2, NJ2, NJ2, QIZ, QIZ, QIZ, QIZ, QIZ, QIZ, QIZ.

| | | | | | | | | | |
|------|---|-------|-------|-------|------------|------------|------|--|--|
| CTAO | comp=Z,22nm,1.1s,mb5.0 | | pmax | pmax | | | | | |
| CTAO | comp=Z,2um,21.0s,MSS.5 | | MLR | MLR | | | | | |
| CTAO | Charts Tower | 76.60 | 254 | eP | P | 21 08 13.1 | -1.0 | | |
| CTAO | comp=Z,22nm,1.1s,mb5.0 | | LR | LR | | | | | |
| CTAO | comp=Z,2um,21.0s,MSS.5 | | LR | LR | | | | | |
| HNR | Honiar | 77.30 | 272 | LR | LR | 21 34 01.5 | | | |
| HNR | comp=Z,279nm,21.2s,MSS4.5,baz=138,slow=29 | | PFAKE | | | | | | |
| HNR | Honiar | 77.30 | 272 | LR | LR | 21 08 30.0 | +12 | | |
| HNR | comp=Z,936nm,21.0s,MSS.1 | | LR | LR | | | | | |
| FORT | Forrest | 77.31 | 234 | eP | P | 21 08 17.1 | -0.9 | | |
| FORT | comp=Z,20nm,0.8s,mb5.5 | | PFAKE | | | | | | |
| TEIG | Tepich | 79.17 | 29 | PFAKE | LR | 21 08 40.0 | +12 | | |
| TEIG | comp=Z,71um,19.0s,MSS.2 | | LR | LR | | | | | |
| NWAO | Narogin (SRO) | 80.05 | 225 | PFAKE | LR | 21 08 40.0 | +5.9 | | |
| NWAO | comp=Z,1um,20.0s,MSS.3 | | LR | LR | | | | | |
| ASAR | Alice Springs | 80.33 | 243 | P | P | 21 08 32.9 | -1.8 | | |
| POHA | comp=Z,5.2nm,1.0s,mb4.4,baz=140,slow=4.9,SNR=22 | | PFAKE | | | | | | |
| POHA | Pohakuoa | 80.61 | 325 | PFAKE | LR | 21 08 50.0 | +14 | | |
| POHA | comp=Z,2um,22.0s,MSS.5 | | LR | LR | | | | | |
| MTDJ | Mount Denham | 80.80 | 39 | PFAKE | LR | 21 08 50.0 | +13 | | |
| MTDJ | comp=Z,1um,19.0s,MSS.3 | | LR | LR | | | | | |
| RCBR | Riachuelo | 81.19 | 88 | PFAKE | LR | 21 08 50.0 | +11 | | |
| RCBR | comp=Z,1um,19.0s,MSS.3 | | LR | LR | | | | | |
| GRGR | Grenville | 82.15 | 56 | PFAKE | LR | 21 08 50.0 | +5.7 | | |
| GRGR | comp=Z,1um,21.0s,MSS.3 | | LR | LR | | | | | |
| KIP | Kipapa | 82.99 | 324 | PFAKE | LR | 21 09 00.0 | +11 | | |
| KIP | comp=Z,2um,22.0s,MSS.5 | | LR | LR | | | | | |
| WRAB | Tennant Creek | 83.18 | 245 | P | P | 21 08 48.3 | -1.5 | | |
| WRAB | comp=Z,226nm,0.9s,mb6.2,SNR=10 | | P | P | 21 08 48.1 | -1.7 | | | |
| WRAB | Tennant Creek | 83.18 | 245 | eP | P | 21 08 48.1 | -1.7 | | |
| WRAB | comp=Z,73nm,1.3s,mb5.5 | | pmax | pmax | | | | | |
| WRAB | comp=Z,73nm,1.3s,mb5.5 | | MLR | MLR | | | | | |
| WRAB | comp=Z,2um,19.0s,MSS.5 | | LR | LR | | | | | |
| WRAB | Tennant Creek | 83.18 | 245 | eP | P | 21 08 48.1 | -1.7 | | |
| WRAB | comp=Z,73nm,1.3s,mb5.5 | | LR | LR | | | | | |
| JOHN | Johnston Islan | 83.22 | 312 | PFAKE | LR | 21 09 00.0 | +10 | | |
| JOHN | comp=Z,3um,19.0s,MSS.7 | | LR | LR | | | | | |
| GTBY | Guantanamo Bay | 83.26 | 41 | PFAKE | LR | 21 09 00.0 | +10 | | |
| GTBY | comp=Z,583nm,21.0s,MS4.9 | | LR | LR | | | | | |
| SDDR | Presa de Saban | 83.90 | 45 | PFAKE | LR | 21 09 00.0 | +6.7 | | |
| SDDR | comp=Z,660nm,19.0s,MSS.0 | | LR | LR | | | | | |
| KVTX | Kingsville | 83.97 | 19 | PFAKE | LR | 21 09 00.0 | +6.6 | | |
| KVTX | comp=Z,697nm,19.0s,MSS.1 | | LR | LR | | | | | |
| BBGH | Gun Hill | 84.03 | 57 | PFAKE | LR | 21 09 00.0 | +6.0 | | |
| BBGH | comp=Z,2um,19.0s,MSS.4 | | LR | LR | | | | | |
| DFD | Fort de France | 84.64 | 55 | PFAKE | LR | 21 09 10.0 | +13 | | |
| DFD | comp=Z,1um,20.0s,MSS.2 | | LR | LR | | | | | |
| PMG | Port Moresby | 84.70 | 261 | eP | P | 21 08 57.0 | -0.6 | | |
| PMG | comp=Z,54nm,1.7s | | pmax | pmax | | | | | |
| PMG | Port Moresby | 84.70 | 261 | PFAKE | LR | 21 09 10.0 | +12 | | |
| PMG | comp=Z,2um,21.0s,MSS.4 | | LR | LR | | | | | |
| TXAR | Lajitas Array | 84.81 | 13 | P | P | 21 08 57.0 | -0.6 | | |
| TXAR | comp=Z,2.4nm,1.0s,mb4.3,baz=188,slow=8.5,SNR=13 | | LR | LR | 21 39 53.8 | | | | |
| TXAR | Lajitas Array | 84.81 | 13 | P | P | 21 08 57.0 | -0.6 | | |
| TXAR | comp=Z,457nm,20.6s,MS4.8,baz=10.0,slow=31 | | LR | LR | 21 39 53.8 | | | | |
| 627A | Terlingua Ranc | 84.96 | 13 | LR | LR | 21 08 58.7 | +0.3 | | |
| 627A | baz=88,SNR=13 | | P | P | 21 08 58.4 | +0.1 | | | |
| 626A | Big Bend Ranch | 84.96 | 13 | LR | LR | 21 09 10.0 | +10 | | |
| 626A | baz=85 | | P | P | 21 09 10.0 | +10 | | | |
| SJG | San Juan | 85.30 | 49 | PFAKE | LR | 21 09 05.2 | +0.5 | | |
| SJG | comp=Z,936nm,20.0s,MSS.2 | | LR | LR | 21 09 00.6 | -0.3 | | | |
| 526A | Mary Lane Ranc | 85.47 | 13 | LR | P | 21 09 00.9 | -0.7 | | |
| 526A | baz=86,SNR=6.4 | | P | P | 21 09 02.2 | -0.1 | | | |
| 527A | Woodward Ranch | 85.61 | 13 | LR | P | 21 09 04.0 | +0.1 | | |
| 527A | baz=86 | | P | P | 21 09 05.1 | +0.5 | | | |
| 528A | Cox Ranch, San | 85.74 | 14 | LR | P | 21 09 03.5 | -0.4 | | |
| 528A | baz=86 | | P | P | 21 09 05.1 | +0.5 | | | |
| 425A | Indio Mountain | 86.07 | 12 | LR | P | 21 09 04.6 | 0.0 | | |
| 425A | baz=86 | | P | P | 21 09 10.0 | +5.1 | | | |
| 426A | McDonald Obser | 86.08 | 13 | LR | P | 21 09 05.2 | +0.5 | | |
| 426A | baz=86 | | P | P | 21 09 05.1 | 0.0 | | | |
| 319A | Douglas | 86.22 | 8 | LR | P | 21 09 05.0 | -1.0 | | |
| 319A | baz=86 | | P | P | 21 09 05.2 | +0.5 | | | |
| 318A | Bisbee | 86.23 | 8 | LR | P | 21 09 05.2 | +0.5 | | |
| 318A | baz=86 | | P | P | 21 09 05.2 | +0.5 | | | |
| GRTK | Grand Turk | 86.24 | 44 | PFAKE | LR | 21 09 05.2 | +0.5 | | |
| GRTK | comp=Z,768nm,19.0s,MSS.1 | | LR | LR | 21 09 05.2 | +0.5 | | | |
| 320A | Kipp Ranch, An | 86.25 | 9 | LR | P | 21 09 05.1 | 0.0 | | |
| 320A | baz=86 | | P | P | 21 09 05.1 | 0.0 | | | |
| 427A | Hayter Ranch, | 86.34 | 13 | LR | P | 21 09 20.0 | +14 | | |
| 427A | baz=87,SNR=12 | | P | P | 21 09 06.2 | +0.3 | | | |
| SUR | Sutherland | 86.48 | 147 | PFAKE | LR | 21 09 05.0 | -1.0 | | |
| SUR | comp=Z,2um,19.0s,MSS.5 | | LR | LR | 21 09 06.2 | +0.3 | | | |
| 217A | Green Valley | 86.50 | 7 | LR | P | 21 09 05.0 | -1.0 | | |
| 217A | baz=87 | | P | P | 21 09 05.0 | -1.0 | | | |
| JCT | Junction City | 86.51 | 16 | eP | P | 21 09 05.0 | -1.0 | | |
| JCT | comp=Z,77nm,1.3s,mb5.8 | | pmax | pmax | | | | | |
| JCT | comp=Z,2um,21.0s,MSS.5 | | MLR | MLR | | | | | |
| JCT | Junction City | 86.51 | 16 | eP | P | 21 09 05.0 | -1.0 | | |
| JCT | comp=Z,77nm,1.3s,mb5.8 | | LR | LR | | | | | |
| 214A | Organ Pipe Nat | 86.56 | 5 | LR | P | 21 09 06.7 | +0.4 | | |
| 214A | baz=87 | | P | P | 21 09 06.1 | -0.7 | | | |
| 325A | Bean Ranch, Si | 86.65 | 12 | LR | P | 21 09 06.2 | -0.5 | | |
| 325A | baz=87,SNR=13 | | P | P | 21 09 07.1 | +0.3 | | | |
| 324A | Moseley Ranch, | 86.66 | 11 | LR | P | 21 09 06.3 | -0.7 | | |
| 324A | baz=87,SNR=11 | | P | P | 21 09 06.3 | -0.7 | | | |
| 216A | Three Points, | 86.69 | 6 | LR | P | 21 09 06.3 | -0.7 | | |
| 216A | baz=87 | | P | P | 21 09 06.3 | -0.7 | | | |
| HKT | Hockley | 86.70 | 20 | eP | P | 21 09 06.3 | -0.7 | | |
| HKT | comp=Z,114nm,1.7s,mb5.8 | | pmax | pmax | | | | | |
| HKT | comp=Z,114nm,1.7s,mb5.8 | | MLR | MLR | | | | | |
| HKT | comp=Z,173nm,19.0s,MS4.5 | | LR | LR | 21 09 07.0 | 0.0 | | | |
| HKT | baz=87 | | P | P | 21 09 07.0 | -0.2 | | | |
| 220A | Playas Peak, P | 86.81 | 9 | LR | P | 21 09 07.7 | +0.2 | | |
| 220A | baz=87 | | P | P | 21 09 07.8 | +0.2 | | | |
| 327A | Balmorhea Ranc | 86.84 | 13 | LR | P | 21 09 08.1 | +0.5 | | |
| 327A | baz=87 | | P | P | 21 09 20.0 | +12 | | | |
| 219A | White Tail Can | 86.84 | 8 | LR | P | 21 09 07.8 | +0.2 | | |
| 219A | baz=87 | | P | P | 21 09 20.0 | +12 | | | |
| ANWB | Willy Bob | 86.89 | 53 | PFAKE | LR | 21 09 06.8 | -1.2 | | |
| ANWB | comp=Z,1um,22.0s,MSS.2 | | LR | LR | 21 09 06.8 | -1.2 | | | |
| MNTX | Cornudas Mount | 86.93 | 11 | eP | P | 21 09 07.8 | -0.3 | | |
| MNTX | comp=Z,72nm,1.8s,mb5.6 | | LR | LR | 21 09 08.6 | +0.2 | | | |
| MNTX | comp=Z,523nm,20.0s,MS4.9 | | LR | LR | 21 09 09.1 | +0.4 | | | |
| 328A | Wristen Ranch, | 86.94 | 14 | LR | P | 21 09 08.6 | +0.2 | | |
| 328A | baz=87 | | P | P | 21 09 09.1 | +0.4 | | | |
| 221A | Mesquite Ranch | 86.98 | 9 | LR | P | 21 09 09.3 | +0.3 | | |
| 221A | baz=87 | | P | P | 21 09 09.3 | +0.3 | | | |
| 112A | Yuma | 87.06 | 4 | LR | P | 21 09 09.6 | +0.5 | | |
| 112A | baz=87 | | P | P | 21 09 09.6 | +0.5 | | | |
| 223A | Chaparral, Ant | 87.12 | 11 | LR | P | 21 09 09.6 | +0.5 | | |
| 223A | baz=87 | | P | P | 21 09 09.6 | +0.5 | | | |
| DVTC | Desert V Tower | 87.14 | 2 | LR | P | 21 09 09.6 | +0.5 | | |
| DVTC | baz=87 | | P | P | 21 09 09.6 | +0.5 | | | |
| 222A | Williams Famil | 87.14 | 10 | LR | P | 21 09 09.6 | +0.5 | | |
| 222A | baz=87 | | P | P | 21 09 09.6 | +0.5 | | | |

| | | | | | | | | | |
|------|-------------------------|-------|----|----|------------|------------|------|--|--|
| BAR | Barrett | 87.15 | 2 | eP | P | 21 09 07.4 | -1.7 | | |
| BAR | comp=Z,73nm,1.9s,mb5.6 | | P | P | 21 09 09.9 | +0.4 | | | |
| 116A | Eloy | 87.23 | 6 | LR | P | 21 09 09.7 | 0.0 | | |
| 116A | baz=88 | | P | P | 21 09 10.2 | +0.4 | | | |
| 224A | Cool Ruidas Mount | 87.28 | 11 | LR | P | 21 09 10.2 | +0.3 | | |
| 224A | baz=88,SNR=24 | | P | P | 21 09 10.2 | +0.1 | | | |
| 117A | Oracle | 87.30 | 7 | LR | P | 21 09 10.2 | +0.1 | | |
| 117A | baz=88 | | P | P | 21 09 10.2 | +0.1 | | | |
| 113C | Mohawk Valley, | 87.33 | 4 | LR | P | 21 09 10.8 | +0.1 | | |
| 113C | baz=88 | | P | P | 21 09 10.2 | +0.1 | | | |
| 109A | Camp Elliot, M | 87.35 | 1 | LR | P | 21 09 10.8 | +0.7 | | |
| 109A | baz=88 | | P | P | 21 09 10.8 | +0.7 | | | |
| 114A | Black Gap (USA) | 87.35 | 5 | LR | P | 21 09 10.8 | +0.7 | | |
| 114A | baz=88 | | P | P | 21 09 09.8 | -0.5 | | | |
| MONP | Monument Peak | 87.36 | 2 | LR | P | 21 09 11.1 | +0.6 | | |
| MONP | baz=88 | | P | P | 21 09 10.7 | +0.2 | | | |
| 225A | Deer Hill, Car | 87.40 | 12 | LR | P | 21 09 10.7 | +0.2 | | |
| 225A | baz=88,SNR=9.8 | | P | P | 21 09 10.8 | +0.4 | | | |
| 225A | San Clemente I | 87.43 | 3 | LR | P | 21 09 10.7 | +0.2 | | |
| 225A | baz=88 | | P | P | 21 09 10.5 | 0.0 | | | |
| SWSC | Sam W. Stewart | 87.43 | 3 | LR | P | 21 09 10.5 | 0.0 | | |
| SWSC | baz=88 | | P | P | 21 09 11.1 | +0.3 | | | |
| 120A | U Bar Ranch, L | 87.44 | 9 | LR | P | 21 09 11.0 | -0.2 | | |
| 120A | baz=88,SNR=9.9 | | P | P | 21 09 11.0 | -0.2 | | | |
| 226A | Malaga, Loving | 87.44 | 12 | LR | P | 21 09 11.0 | -0.2 | | |
| 226A | baz=88 | | P | P | 21 09 11.1 | +0.3 | | | |
| 227A | Bennet, Jal | 87.50 | 13 | LR | P | 21 09 11.1 | +0.3 | | |
| 227A | baz=88 | | P | P | 21 09 08.3 | -2.7 | | | |
| 121A | Cooper Peak, D | 87.50 | 9 | LR | P | 21 09 08.3 | -2.7 | | |
| 121A | baz=88,SNR=11 | | P | P | 21 09 11.8 | +0.6 | | | |
| GDL2 | Guadalupe Moun | 87.55 | 12 | eP | P | 21 09 11.8 | +0.6 | | |
| GDL2 | comp=Z,9.0nm,1.1s,mb4.9 | | P | P | 21 09 11.0 | -0.1 | | | |
| GLA | Glamis | 87.57 | 3 | | | | | | |

Table with columns for station name, frequency, power, and other technical details. Includes stations like KHC Kasperske Hory, KOGS Kog, KBS Kingsbay, BSEBG Bad Sebeberg, MUD Monsted Ugrnd, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MORC Moravsky Berou, VYHNE Vyhne, NOA Norsarray B, BZS Buzias, PSZ Piszkesteto, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MAK Makhachkala, OBN Obninsk, ZAAO Zalesovo Array, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for ILAR, ARCES, and ASAR.

BUJ 29 22:58:23.4, 4.83N, 127.25E, h153km, mb4.8/4, mb4.6/8
MAN 29 22:58:31.5, 71N, 126.64E, h156km, mb5.2, ML4.1, MS4.3
ISCJB 29 22:58:32.0, 4.5, 6.7N, 126.04E, h155km, mb4.6/53, Error ellipse: s-maj=8.6km s-min=4.0km az=165.3

MOS 29 22:58:32.3, 1.1, 5.66N, 126.44E, h153km, mb4.5/13, Error ellipse: s-maj=15.3km s-min=7.3km az=121.1
NEIC 29 22:58:33.0, 0.5, 5.67N, 126.49E, h154km, mb4.7/34, Error ellipse: s-maj=5.5km s-min=3.1km az=63.0

IDC 29 22:58:34.2, 0.8, 5.63N, 126.49E, h154km, mb4.1/17, mb1.4/2.17, mb1mx4.0/25, mbmt94.1/17, Error ellipse: s-maj=21.5km s-min=6.1km az=73.0
DJA 29 22:58:34.5, 3.1, h128km, mb4.9/9
ISC 29 22:58:33.6, 0.4, 5.66N, 126.03, 126.53E, 0.05, h153km, mb4.9, h153km, 2.7km, p-P, n147, 0.680/136, mb4.6/53, 2C-3D,

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MATI, DAV, DMPH, KCP, MUSAN, etc.

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

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TRQA, CPUP, LPAZ, LPAZ, etc.

ISCJB 29 23:06:25.4, 3.1, 5.6S, 0.1, 154.55E, 0.09, h41km, 30km, mb4.3/16, Error ellipse: s-maj=18.0km s-min=14.2km az=144.7

IDC 29 23:06:28.1, 1.3, 5.62S, 154.48E, h53km, 7km, mb3.9/8, mb1.4/0.9, mb1mx3.9/17, mbmt94.0/9, Error ellipse: s-maj=19.9km s-min=10.5km az=101.0

NEIC 29 23:06:29.0, 1.6, 5.63S, 154.57E, h66km, 17km, mb4.4/8, Error ellipse: s-maj=13.7km s-min=8.1km az=130.0
ISC 29 23:06:29.1, 0.2, 5.65S, 0.1, 154.6E, 0.1, h61km, 27km, h5km, 1.3km, p-P, n29, 0.662/30, mb4.3/16, 1D, Bougainville - Solomon Islands region

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

| | | | | | | | | | | | | | | |
|------|---------------|---------------|----|-----------------|------|--------------|---------------|----|-----------------|-------|----------------|----------------|----|-----------------|
| SKO | Skopje | 3.98 14 P | Pn | 05 04 00.4 +0.9 | GDZ | Gediz | 7.35 79 i P | Pn | 05 04 52.2 +6.4 | BUR08 | Bucovina Ar. S | 10.22 19 ePn | Pn | 05 05 25.6 +0.5 |
| SRO | Skopje | 3.98 14 P | Pn | 05 04 00.4 +0.9 | GOLH | Golhisar | 7.49 94 i P | Pn | 05 04 52.7 +5.0 | CMAH | Djebel Manchou | 10.26 266 P | Pn | 05 05 28.3 +2.6 |
| SRS | Serrai | 4.00 40 P | Pn | 05 04 00.1 +0.3 | GZR | Gura Zlata | 7.54 14 i P | Pn | 05 04 48.3 0.0 | LEOM | Leova | 10.28 33 i P | Pn | 05 05 26.3 +0.5 |
| SRS | Serrai | 4.00 40 P | Pn | 05 04 00.1 +0.3 | GZR | Gura Zlata | 7.54 14 i P | Pn | 05 04 48.3 0.0 | LEOM | Leova | 10.28 33 i P | Pn | 05 05 26.3 +0.5 |
| SRS | Serrai | 4.00 40 P | Pn | 05 04 00.1 +0.3 | GZR | Gura Zlata | 7.54 14 i P | Pn | 05 04 48.3 0.0 | LEOM | Leova | 10.28 33 i P | Pn | 05 05 26.3 +0.5 |
| VAM | Vamos | 4.20 129 P | Pn | 05 04 02.7 +0.2 | BZS | Buzias | 7.58 8 i P | Pn | 05 04 48.4 -0.5 | KBA | Koelnbreinsper | 10.28 333 i P | Pn | 05 05 25.4 -0.5 |
| VAM | Vamos | 4.20 129 ePn | Pn | 05 04 02.7 +0.2 | BZS | Buzias | 7.58 8 i P | Pn | 05 04 48.4 -0.5 | KBA | Koelnbreinsper | 10.28 333 i P | Pn | 05 05 25.4 -0.5 |
| VAM | Vamos | 4.20 129 ePn | Pn | 05 04 02.7 +0.2 | BZS | Buzias | 7.58 8 i P | Pn | 05 04 48.4 -0.5 | KBA | Koelnbreinsper | 10.28 333 i P | Pn | 05 05 25.4 -0.5 |
| BCI | Bajram Curri | 4.26 359 i Pn | Sn | 05 04 44.2 +0.9 | NVLJ | Novajia | 7.59 330 i Pn | Pn | 05 04 48.5 -0.5 | ABSA | Djebel Abasbia | 10.30 264 P | Pn | 05 05 24.9 +3.2 |
| BCI | Bajram Curri | 4.26 359 i Pn | Sn | 05 04 44.2 +0.9 | NVLJ | Novajia | 7.59 330 i Pn | Pn | 05 04 48.5 -0.5 | CONA | Conrad Observa | 10.31 344 i Pn | Pn | 05 05 24.7 -1.7 |
| LIA | Limnos Island | 4.29 64 P | Pn | 05 04 03.7 -0.1 | AKAS | Kas | 7.75 101 i Pn | Pn | 05 04 52.8 +1.5 | CONA | Conrad Observa | 10.31 344 i Pn | Pn | 05 05 24.7 -1.7 |
| LIA | Limnos Island | 4.29 64 P | Pn | 05 04 03.7 -0.1 | AKAS | Kas | 7.75 101 i Pn | Pn | 05 04 52.8 +1.5 | CONA | Conrad Observa | 10.31 344 i Pn | Pn | 05 05 24.7 -1.7 |
| LIA | Limnos Island | 4.29 64 P | Pn | 05 04 03.7 -0.1 | AKAS | Kas | 7.75 101 i Pn | Pn | 05 04 52.8 +1.5 | CONA | Conrad Observa | 10.31 344 i Pn | Pn | 05 05 24.7 -1.7 |
| BUM | Brajci-Budva | 4.31 347 i Pn | Pn | 05 04 03.4 -0.6 | SULR | Sulr | 8.00 33 i P | Pn | 05 04 56.3 +1.7 | ABTA | Abfaltersbach | 10.33 329 i Pn | Pn | 05 05 26.2 -0.4 |
| BUM | Brajci-Budva | 4.31 347 i Pn | Pn | 05 04 03.4 -0.6 | SULR | Sulr | 8.00 33 i P | Pn | 05 04 56.3 +1.7 | ABTA | Abfaltersbach | 10.33 329 i Pn | Pn | 05 05 26.2 -0.4 |
| BUM | Brajci-Budva | 4.31 347 i Pn | Pn | 05 04 03.4 -0.6 | SULR | Sulr | 8.00 33 i P | Pn | 05 04 56.3 +1.7 | ABTA | Abfaltersbach | 10.33 329 i Pn | Pn | 05 05 26.2 -0.4 |
| BUM | Brajci-Budva | 4.31 347 i Pn | Pn | 05 04 03.4 -0.6 | SULR | Sulr | 8.00 33 i P | Pn | 05 04 56.3 +1.7 | ABTA | Abfaltersbach | 10.33 329 i Pn | Pn | 05 05 26.2 -0.4 |
| NVR | Nevrokopi | 4.31 40 ePn | Pn | 05 04 53.8 -0.7 | ISP | Isparta | 8.18 89 ePn | Pn | 05 04 59.9 +2.8 | ZST | Bratislava | 10.34 348 eP | Pn | 05 05 27.1 +0.5 |
| NVR | Nevrokopi | 4.31 40 ePn | Pn | 05 04 53.8 -0.7 | ISP | Isparta | 8.18 89 ePn | Pn | 05 04 59.9 +2.8 | ZST | Bratislava | 10.34 348 eP | Pn | 05 05 27.1 +0.5 |
| NVR | Nevrokopi | 4.31 40 ePn | Pn | 05 04 53.8 -0.7 | ISP | Isparta | 8.18 89 ePn | Pn | 05 04 59.9 +2.8 | ZST | Bratislava | 10.34 348 eP | Pn | 05 05 27.1 +0.5 |
| NVR | Nevrokopi | 4.31 40 ePn | Pn | 05 04 53.8 -0.7 | ISP | Isparta | 8.18 89 ePn | Pn | 05 04 59.9 +2.8 | ZST | Bratislava | 10.34 348 eP | Pn | 05 05 27.1 +0.5 |
| KAVA | Kavala | 4.42 48 P | Pn | 05 04 06.6 +1.0 | VOIR | Voiron | 8.18 25 i P | Pn | 05 04 58.1 +1.0 | ZST | Bratislava | 10.34 348 eP | Pn | 05 05 27.1 +0.5 |
| KAVA | Kavala | 4.42 48 P | Pn | 05 04 06.6 +1.0 | VOIR | Voiron | 8.18 25 i P | Pn | 05 04 58.1 +1.0 | ZST | Bratislava | 10.34 348 eP | Pn | 05 05 27.1 +0.5 |
| KAVA | Kavala | 4.42 48 P | Pn | 05 04 06.6 +1.0 | VOIR | Voiron | 8.18 25 i P | Pn | 05 04 58.1 +1.0 | ZST | Bratislava | 10.34 348 eP | Pn | 05 05 27.1 +0.5 |
| KAVA | Kavala | 4.42 48 P | Pn | 05 04 06.6 +1.0 | VOIR | Voiron | 8.18 25 i P | Pn | 05 04 58.1 +1.0 | ZST | Bratislava | 10.34 348 eP | Pn | 05 05 27.1 +0.5 |
| MMB | Musomiste | 4.42 37 i P | Pb | 05 04 05.3 -0.3 | PKSM | Moragy | 8.18 352 i P | Pn | 05 04 55.6 -1.6 | ZST | Bratislava | 10.34 348 eP | Pn | 05 05 27.1 +0.5 |
| PVY | Plav | 4.49 358 i Pn | Pn | 05 04 07.3 +0.8 | PKSM | Moragy | 8.18 352 i P | Pn | 05 04 55.6 -1.6 | ZST | Bratislava | 10.34 348 eP | Pn | 05 05 27.1 +0.5 |
| PVY | Plav | 4.49 358 i Pn | Pn | 05 04 07.3 +0.8 | PKSM | Moragy | 8.18 352 i P | Pn | 05 04 55.6 -1.6 | ZST | Bratislava | 10.34 348 eP | Pn | 05 05 27.1 +0.5 |
| PVY | Plav | 4.49 358 i Pn | Pn | 05 04 07.3 +0.8 | PKSM | Moragy | 8.18 352 i P | Pn | 05 04 55.6 -1.6 | ZST | Bratislava | 10.34 348 eP | Pn | 05 05 27.1 +0.5 |
| PVY | Plav | 4.49 358 i Pn | Pn | 05 04 07.3 +0.8 | PKSM | Moragy | 8.18 352 i P | Pn | 05 04 55.6 -1.6 | ZST | Bratislava | 10.34 348 eP | Pn | 05 05 27.1 +0.5 |
| HCY | Herceg Novi | 4.53 344 i Pn | Pn | 05 04 05.7 -1.3 | BOJA | Bojanci | 8.26 335 ePn | Pn | 05 04 57.6 -0.6 | YVHS | Vyhne | 10.43 355 ePn | Pn | 05 05 27.3 -0.7 |
| HCY | Herceg Novi | 4.53 344 i Pn | Pn | 05 04 05.7 -1.3 | BOJA | Bojanci | 8.26 335 ePn | Pn | 05 04 57.6 -0.6 | YVHS | Vyhne | 10.43 355 ePn | Pn | 05 05 27.3 -0.7 |
| HCY | Herceg Novi | 4.53 344 i Pn | Pn | 05 04 05.7 -1.3 | BOJA | Bojanci | 8.26 335 ePn | Pn | 05 04 57.6 -0.6 | YVHS | Vyhne | 10.43 355 ePn | Pn | 05 05 27.3 -0.7 |
| HCY | Herceg Novi | 4.53 344 i Pn | Pn | 05 04 05.7 -1.3 | BOJA | Bojanci | 8.26 335 ePn | Pn | 05 04 57.6 -0.6 | YVHS | Vyhne | 10.43 355 ePn | Pn | 05 05 27.3 -0.7 |
| GVD | Gavdhos | 4.53 135 ePn | Pn | 05 04 09.8 +4.9 | BOJA | Bojanci | 8.26 335 ePn | Pn | 05 04 57.6 -0.6 | YVHS | Vyhne | 10.43 355 ePn | Pn | 05 05 27.3 -0.7 |
| GVD | Gavdhos | 4.53 135 ePn | Pn | 05 04 09.8 +4.9 | BOJA | Bojanci | 8.26 335 ePn | Pn | 05 04 57.6 -0.6 | YVHS | Vyhne | 10.43 355 ePn | Pn | 05 05 27.3 -0.7 |
| GVD | Gavdhos | 4.53 135 ePn | Pn | 05 04 09.8 +4.9 | BOJA | Bojanci | 8.26 335 ePn | Pn | 05 04 57.6 -0.6 | YVHS | Vyhne | 10.43 355 ePn | Pn | 05 05 27.3 -0.7 |
| GVD | Gavdhos | 4.53 135 ePn | Pn | 05 04 09.8 +4.9 | BOJA | Bojanci | 8.26 335 ePn | Pn | 05 04 57.6 -0.6 | YVHS | Vyhne | 10.43 355 ePn | Pn | 05 05 27.3 -0.7 |
| SIGR | SIGRI | 4.58 74 P | Pn | 05 04 11.0 +3.3 | BOJA | Bojanci | 8.26 335 ePn | Pn | 05 04 57.6 -0.6 | YVHS | Vyhne | 10.43 355 ePn | Pn | 05 05 27.3 -0.7 |
| SIGR | SIGRI | 4.58 74 P | Pn | 05 04 11.0 +3.3 | BOJA | Bojanci | 8.26 335 ePn | Pn | 05 04 57.6 -0.6 | YVHS | Vyhne | 10.43 355 ePn | Pn | 05 05 27.3 -0.7 |
| SIGR | SIGRI | 4.58 74 P | Pn | 05 04 11.0 +3.3 | BOJA | Bojanci | 8.26 335 ePn | Pn | 05 04 57.6 -0.6 | YVHS | Vyhne | 10.43 355 ePn | Pn | 05 05 27.3 -0.7 |
| SIGR | SIGRI | 4.58 74 P | Pn | 05 04 11.0 +3.3 | BOJA | Bojanci | 8.26 335 ePn | Pn | 05 04 57.6 -0.6 | YVHS | Vyhne | 10.43 355 ePn | Pn | 05 05 27.3 -0.7 |
| VAE | Valguarnera | 4.61 264 Pn | Sn | 05 04 07.9 -0.2 | MLR | Muntele Rosu | 8.54 28 i P | Pn | 05 05 01.9 -0.2 | BR131 | Keskin Array S | 10.62 77 ePn | Pn | 05 05 33.0 +2.5 |
| VAE | Valguarnera | 4.61 264 Pn | Sn | 05 04 07.9 -0.2 | MLR | Muntele Rosu | 8.54 28 i P | Pn | 05 05 01.9 -0.2 | BR131 | Keskin Array S | 10.62 77 ePn | Pn | 05 05 33.0 +2.5 |
| VAE | Valguarnera | 4.61 264 Pn | Sn | 05 04 07.9 -0.2 | MLR | Muntele Rosu | 8.54 28 i P | Pn | 05 05 01.9 -0.2 | BR131 | Keskin Array S | 10.62 77 ePn | Pn | 05 05 33.0 +2.5 |
| VAE | Valguarnera | 4.61 264 Pn | Sn | 05 04 07.9 -0.2 | MLR | Muntele Rosu | 8.54 28 i P | Pn | 05 05 01.9 -0.2 | BR131 | Keskin Array S | 10.62 77 ePn | Pn | 05 05 33.0 +2.5 |
| VAE | Valguarnera | 4.61 264 Pn | Sn | 05 04 07.9 -0.2 | MLR | Muntele Rosu | 8.54 28 i P | Pn | 05 05 01.9 -0.2 | BR131 | Keskin Array S | 10.62 77 ePn | Pn | 05 05 33.0 +2.5 |
| CHOS | Chios Island | 4.63 85 P | Pn | 05 04 08.5 0.0 | MLR | Muntele Rosu | 8.54 28 i P | Pn | 05 05 01.9 -0.2 | BR131 | Keskin Array S | 10.62 77 ePn | Pn | 05 05 33.0 +2.5 |
| CHOS | Chios Island | 4.63 85 P | Pn | 05 04 08.5 0.0 | MLR | Muntele Rosu | 8.54 28 i P | Pn | 05 05 01.9 -0.2 | BR131 | Keskin Array S | 10.62 77 ePn | Pn | 05 05 33.0 +2.5 |
| CHOS | Chios Island | 4.63 85 P | Pn | 05 04 08.5 0.0 | MLR | Muntele Rosu | 8.54 28 i P | Pn | 05 05 01.9 -0.2 | BR131 | Keskin Array S | 10.62 77 ePn | Pn | 05 05 33.0 +2.5 |
| CHOS | Chios Island | 4.63 85 P | Pn | 05 04 08.5 0.0 | MLR | Muntele Rosu | 8.54 28 i P | Pn | 05 05 01.9 -0.2 | BR131 | Keskin Array S | 10.62 77 ePn | Pn | 05 05 33.0 +2.5 |
| CHOS | Chios Island | 4.63 85 P | Pn | 05 04 08.5 0.0 | MLR | Muntele Rosu | 8.54 28 i P | Pn | 05 05 01.9 -0.2 | BR131 | Keskin Array S | 10.62 77 ePn | Pn | 05 05 33.0 +2.5 |
| IDI | Anoyia | 4.71 125 P | Pn | 05 04 09.7 +0.1 | VSL | Villasalto | 8.55 283 ePn | Pn | 05 05 01.1 -1.1 | BRTR | Keşkin Array B | 10.62 77 i P | Pn | 05 05 33.7 +3.2 |
| IDI | Anoyia | 4.71 125 P | Pn | 05 04 09.7 +0.1 | VSL | Villasalto | 8.55 283 ePn | Pn | 05 05 01.1 -1.1 | BRTR | Keşkin Array B | 10.62 77 i P | Pn | 05 05 33.7 +3.2 |
| IDI | Anoyia | 4.71 125 P | Pn | 05 04 09.7 +0.1 | VSL | Villasalto | 8.55 283 ePn | Pn | 05 05 01.1 -1.1 | BRTR | Keşkin Array B | 10.62 77 i P | Pn | 05 05 33.7 +3.2 |
| IDI | Anoyia | 4.71 125 P | Pn | 05 04 09.7 +0.1 | VSL | Villasalto | 8.55 283 ePn | Pn | 05 05 01.1 -1.1 | BRTR | Keşkin Array B | 10.62 77 i P | Pn | 05 05 33.7 +3.2 |
| IDI | Anoyia | 4.71 125 P | Pn | 05 04 09.7 +0.1 | VSL | Villasalto | 8.55 283 ePn | Pn | 05 05 01.1 -1.1 | BRTR | Keşkin Array B | 10.62 77 i P | Pn | 05 05 33.7 +3.2 |
| BEY | Berane | 4.77 358 i Pn | Pn | 05 04 10.9 +0.6 | PKS9 | Tamasi | 8.59 351 eP | Pn | 05 05 01.1 -1.1 | BRTR | Keşkin Array B | 10.62 77 i P | Pn | 05 05 33.7 +3.2 |
| BEY | Berane | 4.77 358 i Pn | Pn | 05 04 10.9 +0.6 | PKS9 | Tamasi | 8.59 351 eP | Pn | 05 05 01.1 -1.1 | BRTR | Keşkin Array B | 10.62 77 i P | Pn | 05 05 33.7 +3.2 |
| BEY | Berane | 4.77 358 i Pn | Pn | 05 04 10.9 +0.6 | PKS9 | Tamasi | 8.59 351 eP | Pn | 05 05 01.1 -1.1 | BRTR | Keşkin Array B | 10.62 77 i P | Pn | 05 05 33.7 +3.2 |
| BEY | Berane | 4.77 358 i Pn | Pn | 05 04 10.9 +0.6 | PKS9 | Tamasi | 8.59 351 eP | Pn | 05 05 01.1 -1.1 | BRTR | Keşkin Array B | 10.62 77 i P | Pn | 05 05 33.7 +3.2 |
| BEY | Berane | 4.77 358 i Pn | Pn | 05 04 10.9 +0.6 | PKS9 | Tamasi | 8.59 351 eP | Pn | 05 05 01.1 -1.1 | BRTR | Keşkin Array B | 10.62 77 i P | Pn | 05 05 33.7 +3.2 |
| BEY | Berane | 4.77 358 i Pn | Pn | 05 04 10.9 +0.6 | PKS9 | Tamasi | 8.59 351 eP | Pn | 05 05 01.1 -1.1 | BRTR | Keşkin Array B | 10.62 77 i P | Pn | 05 05 33.7 +3.2 |
| BEY | Berane | 4.77 358 i Pn | Pn | 05 04 10.9 +0.6 | PKS9 | Tamasi | 8.59 351 eP | Pn | 05 05 01.1 -1.1 | BRTR | Keşkin Array B | 10.62 77 i P | Pn | 05 05 33.7 +3.2 |
| BEY | Berane | 4.77 358 i Pn | Pn | 05 04 10.9 +0.6 | PKS9 | Tamasi | 8.59 351 eP | Pn | 05 05 01.1 -1.1 | BRTR | Keşkin Array B | 10.62 77 i P | Pn | 05 05 33.7 +3.2 |
| BEY | Berane | 4.77 358 i Pn | Pn | 05 04 10.9 +0.6 | PKS9 | Tamasi | 8.59 351 eP | Pn | 05 05 01.1 -1.1 | BRTR | Keşkin Array B | 10.62 77 i P | Pn | 05 05 33.7 +3.2 |
| BEY | Berane | 4.77 358 i Pn | Pn | 05 04 10.9 +0.6 | PKS9 | Tamasi | 8.59 351 eP | Pn | 05 05 01.1 -1.1 | BRTR | Keşkin Array B | 10.62 77 i P | Pn | 05 05 33.7 +3.2 |
| BEY | Berane | 4.77 358 i Pn | Pn | 05 04 10.9 +0.6 | PKS9 | Tamasi | 8.59 351 eP | Pn | 05 05 01.1 -1.1 | BRTR | Keşkin Array B | 10.62 77 i P | Pn | 05 05 33.7 +3.2 |
| BEY | Berane | 4.77 358 i Pn | Pn | 05 04 10.9 +0.6 | PKS9 | Tamasi | 8.59 351 eP | Pn | 05 05 01.1 -1.1 | BRTR | Keşkin Array B | 10.62 77 i P | Pn | 05 05 33.7 +3.2 |
| BEY | Berane | 4.77 358 i Pn | Pn | 05 04 10.9 +0.6 | PKS9 | Tamasi | 8.59 351 eP | Pn | 05 05 01.1 -1.1 | BRTR | Keşkin Array B | 10.62 77 i P | Pn | 05 05 33.7 +3.2 |
| BEY | Berane | 4.77 358 i Pn | Pn | 05 04 10.9 +0.6 | PKS9 | Tamasi | 8.59 351 eP | Pn | 05 05 01.1 -1.1 | BRTR | Keşkin Array B | 10.62 77 i P | Pn | 05 05 33.7 +3.2 |
| BEY | Berane | 4.77 358 i Pn | Pn | 05 04 10.9 +0.6 | PKS9 | Tamasi | 8.59 351 eP | Pn | 05 05 01.1 -1.1 | BRTR | Keşkin Array | | | |

30d 5h

Table with columns for station name, frequency, power, and other technical details. Includes stations like DAVOX, GULEK, La Foret Royal, etc.

2008 JUL

Table with columns for station name, frequency, power, and other technical details. Includes stations like MMAIL, VIVF, CABF, etc.

1320

Table with columns for station name, frequency, power, and other technical details. Includes stations like ANN, CLLI, TNS, etc.

30d 5h

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1322

Table with columns: Station, Frequency, Power, and other parameters. Includes stations like PMRV, HTR, MTE, PVR, etc.

Table with columns: Station, Frequency, Power, and other parameters. Includes stations like KONO, PUL, WLF1, MORF, etc.

Table with columns: Station, Frequency, Power, and other parameters. Includes stations like LRW, AKTO, TOR, etc.

30d 5h

TRN 30 05:09:18.6, 17.39N-61.21W, h3km, MD3.5, Leeward Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Bois Riant Cap, Guadeloupe-1, Saint Kitts.

GUC 30 05:10:00.8-0.8, 34.77Sx70.26W, h15km, MD3.6, ML3.0, 3C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like El Canelo, Chadas Angostu, San Jose de Ma.

ISC/JB 30 05:13:08.8-0.5, 38.18N-0.02-20.15E, 0.02, h7km, 3km, mb4.0/1, Error ellipse: s-maj=4.3km s-min=2.4km az=28.9

NEIC 30 05:13:08.9, 38.10N-20.17E, h11km, ML4.0(ATH), After ATH

ATH 30 05:13:08.9, 38.09N-20.17E, h11km, 2km, ML4.0

IDC 30 05:13:08.0, 1.1, 38.10N-20.32E, h0km, mb4.0/1, ms1 2.9/1, ms1mx3.9/3.1, mbtmp4.0/15, ML4.1/5, MS2.9/1, Ms1 2.9/1, ms1mx2.6/3.8, Error ellipse: s-maj=24.1km s-min=14.9km az=144.0

CSEM 30 05:13:09.5-0.2, 38.16N-20.18E, h2km, ML4.5/3, Error ellipse: s-maj=5.5km s-min=2.8km az=31.0

THE 30 05:13:10.1, 38.08N-20.26E, h2km, ML4.5/3, Error ellipse: s-maj=1.9km s-min=1.0km az=32.0

PDG 30 05:13:11.9, 0.9, 38.17N-20.04E, h27km, 5km, MD4.3/1, ML4.1/10, Error ellipse: s-maj=2.2km s-min=2.6km az=0.0

ISC 30 05:13:10.0-0.5, 38.15N-0.02-20.20E, 0.02, h6km, 3km, n277, r1932/356, mb4.0/1, 19C-35D, Greece

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations and their parameters.

2008 JUL

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations and their parameters.

1324

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations and their parameters.

IDC 30 05:18:12.4-1.9, 11.00S-163.89E, h0km, mb4.0/4, mb1 4.0/2, ms1mx3.9/17, mbtmp4.1/6, ML4.1/2, MS4.0/2, Ms1 4.0/2, ms1mx3.4/2.0, Error ellipse: s-maj=58.5km s-min=30.4km az=142.0, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Honiara, HNR, HNT, ASAR, CMAR, ILAR, MAW, MKAR, SONM.

BUI 30 05:52:44.8, 45:29N, 151:52E, h19km, mb4.7/5, mb4.6/12
IDC 30 05:52:45.3, 1.0, 45:43N, 151:25E, h0km, mb3.9/14
mb1.4/0.17, mb1mx4.0/24, mbtmp3.9/17, ML3.9/3, Error
ellipse: s-maj=28.9km s-min=16.1km az=163.0

ISCJB 30 05:52:46.0, 1.6, 45:22N, 151:39E, 0.07,
h22km, 12km, mb4.1/25, Error ellipse: s-maj=13.9km
s-min=5.8km az=151.0
JMA 30 05:52:46.4, 0.8, 45:58N, 151:42E, h30km, M4.7
NEIC 30 05:52:46.1, 0.7, 45:24N, 151:35E, h10km, mb4.7/3, Error
ellipse: s-maj=18.0km s-min=8.6km az=145.0

SKHL 30 05:52:47.4, 0.4, 45:02N, 151:55E, h39km, 7km, mb5.1/3,
Ms4.1/1
MOS 30 05:52:48.7, 0.9, 45:39N, 151:26E, h37km, mb4.3/12, Error
ellipse: s-maj=11.5km s-min=10.1km az=140.7

ISC 30 05:52:49.0, 1.6, 45:23N, 151:37E, 0.07, h28km, 12km,
n73, c1f13/0, mb4.1/25, 5C-3D, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include Kuril'sk, Yuzh-Kuril'sk, Nemuro 2, Rausu, Akkeshi, Ashorobuto, Maruseppu, Yuzh-Sakhalins, etc.

ISCJB 30 05:54:40.3, 1.4, 7:8S, 0.1, 116:3E, 0.2, h311km, 15km,
mb3.9/10, Error ellipse: s-maj=31.0km s-min=8.2km
az=147.0

NEIC 30 05:54:41.5, 1.4, 7:80S, 116:32E, h308km, 15km, mb4.2/3,
Error ellipse: s-maj=22.3km s-min=7.1km az=56.0
IDC 30 05:54:41.7, 5.7, 7:85S, 116:15E, h307km, 62km, mb3.5/9,
mb1.3/6/10, mb1mx3.4/21, mbtmp3.5/10, Error ellipse:
s-maj=36.4km s-min=14.2km az=68.0

ISC 30 05:54:40.8, 1.4, 7:8S, 0.1, 116:4E, 0.2, h300km, 15km, n18,
c0577/20, mb3.8/10, Bali Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include Kuching, Fitzroy, Kakinada, WLAB, ASAR, ASAR, NWAO, CMAR, STKA, STKA, KSRM, KSRM, SONS, SONS, MKAR, ZALV, BVAR, ABKAR, TORDI, TORDI, NIED, ISCJB, IDC, NEIC, JMA, ISC.

Lanzhou 36.73 273

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include Lanzhou, GTA, ILAR, ZALV, MKAR, MKAR, YKA, ARU, NVAR, FINES, FINES, FINES, NB2, NOA, NOA, ASAR, KIV, AKASG, AKASG, AKASG, SCHO, CLL, CLL, CLL, BRTR, BRTR, BRTR, TXAR, TXAR, TXAR, ISCJB, NEIC, IDC, NEIC, JMA, ISC.

Code Station Name Az Phase ID Time Res

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include Chosi, Hitachi, Kawauchi, Boso 1, Otama, Boso 3, Marumori, Ashikaga, Katashina, Matsuhiro Arr, Matsuhiro, Erimo, KSRM, SONGM, ZALV, MK31, MKAR, KURK, BVAR, NOA, JMA 30 06:18:37.5, 0.4, 44:04N, 148:09E, h0km, M4.3, Kuril Islands

GUC 30 06:19:27.9, 0.7, 22:11S, 68:49W, h128km, 17km, MD4.0, ML3.7, 2C, Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include Plate Boundary, Plate Boundary, Plate Boundary, Los Morros, Humberston, Antofagasta, Miaez Miaez, NNMCC, NNMCC.

NEIC 30 07:17:56.6, 60:36N, 147:56W, h16km, ML3.7(PMR), ML3.4(AEIC), After AEIC., Southern Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include Cordova Ski Arr, Seward, Middleton Isla, Knik Glacier, Divide, Rabbitt Creek A, Skilak Lake, RAGM, Palmer, Sheep Creek Mo, Fire Hill, Glory Hole Cre, Bremner River, Bradley Lake, CNPM, Redoubt South, Paxson, Mentasta, Purkypille, Kodiak Island, Sparrevohn, Peninsule, Old Harbor, COLA, TTTA, EGAK, Dawson, SKAG, Coldfoot.

BUI 30 07:26:10.0, 31:26N, 104:02E, h16km, ML3.5/13, Ms3.4/1, Sichuan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include Chengdu, Lanzhou, Lanzhou, Lanzhou, XAN, XAN, XAN, XAN.

30d 10h

Table with columns: GYA, Guiyang, 5.32 153, Pn, Pn, 07 27 26.0 -2.7, 07 28 31.5 +1.9, 07 28 59.8 -0.9

IDC 30 07:59:48.8:2.9,52:43N:35:03E, h0km, mb1 3.6/3, mb1mx3.2/21, mbtmpt3.6/3, ML3.1/3, Error ellipse: s-maj=32.5km s-min=11.0km az=113.0, Baltic States - Belarus - Northwestern Russia

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

IDC 30 08:02:12.9:2.7,24:71S:115:91W, h0km, mb3.7/2, mb1 4.1/2, mb1mx3.7/12, mbtmpt3.7/12, MS3.5/4, Ms1 3.6/4, ms1mx3.5/9, Error ellipse: s-maj=97.8km s-min=42.4km az=34.0, Southern East Pacific Rise

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

IDC 30 08:43:21.1:1.8, 1:03N:96:88E, h0km, mb3.8/6, mb1 3.7/7, mb1mx3.6/23, mbtmpt3.7/7, ML3.0/1, Error ellipse: s-maj=43.4km s-min=27.8km az=44.0

IDC 30 08:43:24.1:1.0, 1:1N:0:1:97:0E:0:1, h33km, mb3.8/7, Error ellipse: s-maj=19.7km s-min=16.2km az=35.4

NEIC 30 08:43:26.6:1.0, 1:12N:97:04E, h35km, mb3.9/1, Error ellipse: s-maj=19.7km s-min=16.0km az=223.0

IDC 30 08:43:26.5:1.0, 1:1N:0:1:97:0E:0:1, h35km, n11, s104/11, mb3.8/7, Northwestern Sumatra

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

IDC 30 08:55:38.3:2.2, 10:95S:163:73E, h0km, mb3.9/5, mb1 4.1/6, mb1mx3.8/16, mbtmpt4.0/6, ML4.5/1, MS3.1/1, Ms1 3.1/1, ms1mx2.5/18, Error ellipse: s-maj=61.2km s-min=33.3km az=143.0

IDC 30 08:55:39.6:4.1, 10:0S:0:2:163:6E:0:1, h17km, 44km, mb4.0/8, Error ellipse: s-maj=26.9km s-min=18.5km az=24.8

NEIC 30 08:55:44.9:1.2, 10:75S:163:53E, h35km, mb4.2/2, Error ellipse: s-maj=30.9km s-min=16.3km az=137.0

IDC 30 08:55:40.8:6.8, 10:9S:0:2:163:6E:0:1, h12km, 42km, n11, s054/13, mb4.0/6, Bougainville - Solomon Islands region

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

IDC 30 08:59:02.3:1.1, 10:95S:163:79E, h0km, mb3.8/5, mb1 4.0/6, mb1mx3.9/16, mbtmpt3.9/16, ML4.7/1, Error ellipse: s-maj=57.5km s-min=33.3km az=149.0

IDC 30 08:59:06.9:1.0, 10:9S:0:2:163:6E:0:1, h93km, mb3.9/6, Error ellipse: s-maj=23.3km s-min=12.7km az=9.5

NEIC 30 08:59:08.9:1.1, 10:74S:163:62E, h35km, mb4.1/2, Error ellipse: s-maj=31.0km s-min=16.8km az=141.0

IDC 30 08:59:08.8:1.0, 10:8S:0:2:163:58E:0:09, h35km, n12, s085/11, mb3.9/6, Bougainville - Solomon Islands region

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

Table with columns: SONM, Songino Array, 77.23 325 P, 09 10 59.9 +0.6

IDC 30 09:23:32.9:2.3, 7:34S:0:07:148:3E:0:1, h42km, 21km, mb4.3/18, MS3.2/3, Error ellipse: s-maj=20.6km s-min=11.8km az=168.7

IDC 30 09:23:34.6:0.7, 7:36S:148:39E, h44km, 5km, mb4.0/13, mb1 4.1/4, mb1mx4.1/18, mbtmpt4.0/14, ML3.8/1, MS3.3/5, Ms1 3.3/5, ms1mx3.1/17, Error ellipse: s-maj=24.8km s-min=12.9km az=92.0

NEIC 30 09:23:34.9:0.4, 7:35S:148:26E, mb4.7/4, Error ellipse: s-maj=12.4km s-min=5.9km az=106.0

IDC 30 09:23:35.2:1.8, 7:35S:148:33E:0:1, h47km, 17km, h47km, 5km, p-P, n35, s0972/35, mb4.3/18, MS3.2/3, Eastern New Guinea region

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

PMG Port Moresby 2.31 208 Pn 09 24 11.2 +0.4

CTA Charters Tower 12.81 189 P 09 26 36.4 +1.7

CTA Charters Tower 12.81 189 P 09 26 36.5 +0.8

KAKA Kakadu 16.46 250 ePn 09 27 22.4 -0.6

KAKA Kakadu 16.46 250 ePn 09 27 22.5 -0.5

RMQ Roma 19.03 179 ePn 09 27 54.7 +0.2

QLP Quilpie 19.50 191 ePn 09 27 59.1 -1.0

GUMO Guam 21.07 351 LR 09 35 59.0

ASAR Alice Springs 21.29 219 P 09 28 17.8 -0.1

FITZ Fitzroy Crossi 24.48 242 eP 09 28 49.4 -0.7

FITZ Fitzroy Crossi 24.48 242 P 09 28 49.5 -0.6

STKA Stephens Creek 25.18 193 eP 09 28 56.7 +0.4

STKA Stephens Creek 25.18 193 P 09 28 56.8 +0.5

STKA Stephens Creek 25.18 193 P 09 29 08.4 -0.1

YNG Young 26.82 180 P 09 29 11.0 -0.1

RPZ Rata Rata 31.15 155 P 09 31 15.3 -1.3

MJAR Matsushiro Arr 44.67 348 P 09 31 42.3 -1.1

MAJ Matsushiro 44.67 348 eP 09 31 43.0 -0.4

KSRK Koro Arr 44.67 348 P 09 31 42.7 -0.7

KSRK Koro Arr 44.67 348 P 09 32 12.9 -0.1

CMAR Chiang Mai Arr 54.99 298 P 09 33 03.4 +1.2

CMAR Chiang Mai Arr 54.99 298 P 09 33 16.4 +1.2

PETK Petropavlovsk-60 76 7 P 09 33 42.5 +0.6

GTA Gaotai 64.58 320 eP 09 34 09.0 +1.3

GTA Gaotai 64.58 320 pP 09 34 13.0 -0.8

SONM Songino Array 66.19 331 P 09 34 18.7 +0.7

MK31 Makanchi Array 79.33 320 P 09 35 36.3 +0.3

MKAR Makanchi Array 79.33 320 P 09 35 36.3 +0.4

Table with columns: CAOV, Caicara del Or, 4.61 229 eP, 09 24 59.7 -0.3

CSEM 30 09:49:15.5, 46:87N:8:61E, h-1km, ML1.0, Suspected Mining explosion. After ZUR 30 09:49:15.5, 46:87N:8:61E, h-1km, 7km, ML1.0/4, 4C, Suspected Mining explosion, Switzerland

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

IDC 30 09:50:44.9:0.9, 16:64N:0:04:61:08W:0:07, h27km, 4km, Error ellipse: s-maj=12.1km s-min=4.1km az=155.5

TRN 30 09:50:45.5, 16:51N:61:20W, h26km, MD3.7, MS3.6(FDF), TRN Felt II, III, Guadeloupe, NEIC 30 09:50:46.7, 16:52N:61:19W, h35km, MD3.7(TRN), After TRN

IDC 30 09:50:45.7:1.0, 16:60N:0:04:61:12W:0:07, h22km, 5km, n39, s09:58/62, 4C, Leeward Islands

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

BUC 30 10:09:31.5:0.1, 46:39N:22:14E, h0km, MD2.5/2, 8C-2D, Error ellipse: s-maj=3.3km s-min=1.2km az=105.0, Romania

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

MOS 30 10:23:33.9:0.9, 16:34N:95:78W, h48km, mb5.5/92, MS4.6/32, Error ellipse: s-maj=6.5km s-min=3.9km az=88.3

IDC 30 10:23:33.3:0.2, 16:31N:0:03:65:75W:0:02, h41km, mb5.2/32, MS4.7/143, Error ellipse: s-maj=4.4km s-min=1.9km az=28.8

IDC 30 10:23:33.5:0.5, 16:16N:95:86W, h39km, 3km, mb4.6/16, mb1 4.8/17, mb1mx4.8/19, mbtmpt4.8/17, ML4.0/1, MS4.5/17, Ms1 4.6/17, ms1mx4.5/20, Error ellipse: s-maj=15.2km s-min=10.5km az=79.0

NEIC 30 10:23:33.9, 15:98N:96:10W, h50km, mb5.3/201, MS4.7/107, After MEX.

NEIC Felt at Huatulo and Oaxaca. SZGRF 30 10:23:34.1, 16:02N:95:72W, h33km, mb5.2, MS4.8, Oaxaca, Mexico

MEX 30 10:23:33.8:0.5, 15:97N:96:10W, h49km, 5km, MD5.1, GCMT 30 10:23:35.0:0.2, 16:30N:96:04W, h36km, MW3.3

Moment Tensor Solution. s84, c135, s83, c147, Moment tensor: Scale 10^17Nm, Mrr:0.00; Mth:0.00; Mtt:0.00; Mtr:0.00; Mrt:0.00; Mrt:0.00; Mrt:0.00; Best double couple: M1: 1.0000x10^17 Np1: 347.00000; 839.00000; -1.21.00000. NP2: 65.112.00000; 865.00000; -1.21.00000. Principal axes: T 1.800, P1g15.00000, Azm224.00000; N -0.1400, P1g28.00000, Azm12.00000; P -1.0400, P1g58.00000, Azm339.00000; Data Used: IIU IC G CN.

30d 10h

Table with columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like GLA Glamis, Q24A Divide, U16A Tuba City, etc.

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Table with columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like Q18A Rafter H Ranch, N23A Red Feather La, HEC Hector Ludlow, etc.

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Table with columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like NLU North Lily Min, DAU Daniels Canyon, MPM Manual Precoc, etc.

| | | | | | |
|------|-----------------|-----------|-------|----|-----------------|
| N12A | Clover Valley | 29.64 329 | ↑P | P | 10 29 37.2 +0.7 |
| N12A | Clover Valley | 29.64 329 | ↑P | P | 10 29 37.0 +0.5 |
| ELK | Elko | 29.66 329 | eP | P | 10 29 37.9 +1.2 |
| NVAR | Minia Array | 29.66 322 | P | P | 10 29 37.6 +0.9 |
| NVAR | Red Top Meadow | 29.90 338 | eP | P | 10 29 48.8 +0.5 |
| NVAR | Soda Springs | 29.72 336 | ↑P | P | 10 29 37.4 +0.1 |
| L14A | Malta | 29.74 333 | ↑P | P | 10 29 37.9 +0.5 |
| I18A | Diamond G Ranc | 29.83 339 | ↑P | P | 10 29 38.2 +0.1 |
| J17A | Brown Place, J | 29.85 338 | ↑P | P | 10 29 38.9 +0.5 |
| REDW | Snow King Moun | 29.95 338 | eP | P | 10 29 39.1 +0.4 |
| SNOW | Red Top Meadow | 29.90 338 | eP | P | 10 29 40.0 +0.7 |
| N11A | Elko Archery C | 29.96 327 | ↑P | P | 10 29 39.9 +0.6 |
| O10A | Cortez Mining | 29.98 329 | ↑P | P | 10 29 39.9 +0.5 |
| K15A | Arbon | 29.98 335 | ↑P | P | 10 29 39.9 +0.4 |
| M12A | Wells | 30.01 330 | ↑P | P | 10 29 40.1 +0.3 |
| LHOW | Long Hollow | 30.03 338 | eP | P | 10 29 40.2 +0.3 |
| RR12 | Red Ridge | 30.06 337 | eP | P | 10 29 40.8 +0.6 |
| L13A | Double Diamond | 30.10 332 | ↑P | P | 10 29 41.0 +0.4 |
| J16A | Bone | 30.11 336 | ↑P | P | 10 29 40.9 +0.3 |
| K14A | Jones Ranch, D | 30.13 334 | ↑P | P | 10 29 40.9 0.0 |
| MOOW | Moose Ponds | 30.20 338 | eP | P | 10 29 41.6 +0.2 |
| DC1D | Drake Creek | 30.22 337 | ↑P | P | 10 29 42.4 +0.8 |
| N10A | Dumphy | 30.27 328 | ↑P | P | 10 29 42.7 +0.6 |
| I17A | Pilgrim Ck. | 30.28 338 | ↑P | P | 10 29 42.8 +0.6 |
| WAKR | Walker Ranch | 30.38 321 | eP | P | 10 29 43.8 +0.7 |
| IMW | Indian Meadow | 30.39 338 | eP | P | 10 29 43.8 +0.2 |
| BMN | Battle Mountain | 30.44 326 | eP | P | 10 29 43.8 +0.2 |
| BMN | Battle Mountain | 30.44 326 | eP | P | 10 29 43.8 +0.2 |
| BMN | Battle Mountain | 30.44 326 | eP | P | 10 29 43.8 +0.2 |
| BMN | Battle Mountain | 30.44 326 | eP | P | 10 29 43.8 +0.2 |
| M11A | Holland Ranch | 30.45 329 | ↑P | P | 10 29 44.2 +0.5 |
| J15A | Blackfoot | 30.54 336 | ↑P | P | 10 29 44.7 +0.3 |
| I16A | Newdale | 30.57 337 | ↑P | P | 10 29 45.1 +0.3 |
| SAO | San Andreas Ge | 30.58 317 | PFAKE | LR | 10 30 00.0 +1.5 |
| K13A | Stover Farm, H | 30.61 333 | ↑P | P | 10 29 45.2 +0.1 |
| L12A | House Creek Ra | 30.63 331 | ↑P | P | 10 29 45.6 +0.3 |
| CMB | Columbia Colle | 30.66 320 | eP | P | 10 29 44.9 -0.7 |
| CMB | Columbia Colle | 30.66 320 | eP | P | 10 29 44.9 -0.7 |
| CMB | Columbia Colle | 30.66 320 | eP | P | 10 29 44.9 -0.7 |
| CMB | Columbia Colle | 30.66 320 | eP | P | 10 29 44.9 -0.7 |
| H17A | Grant Village | 30.70 339 | ↑P | P | 10 29 46.6 +0.7 |
| LKWY | Lake | 30.79 339 | PFAKE | LR | 10 30 00.0 +1.3 |
| YFT | Old Faithful | 30.84 339 | eP | P | 10 29 49.2 +2.1 |
| B1NY | Binghamton | 30.87 29 | eP | P | 10 29 46.5 -0.8 |
| M10A | LL Ranch, Tu | 30.89 329 | ↑P | P | 10 29 48.1 +0.6 |
| RLMT | Red Lodge | 30.91 341 | ↑P | P | 10 29 48.0 +0.3 |
| RLMT | Red Lodge | 30.91 341 | ↑P | P | 10 29 48.0 +0.3 |
| L11A | Cat Creek Ranc | 30.99 330 | ↑P | P | 10 29 48.9 +0.5 |
| I15A | Montevie | 31.06 336 | ↑P | P | 10 29 49.6 +0.6 |
| YMR | Madison River | 31.07 339 | eP | P | 10 29 50.2 +1.0 |
| WCN | Washoe City | 31.08 322 | ↑P | P | 10 29 50.0 +0.7 |
| PAHR | Pat Rah Range | 31.13 323 | eP | P | 10 29 50.4 +0.6 |
| G18A | Lazy EL Ranch | 31.18 341 | ↑P | P | 10 29 50.0 -0.1 |
| H16A | Russell Place | 31.20 338 | ↑P | P | 10 29 51.2 +0.9 |
| L10A | Juniper Basin | 31.27 329 | ↑P | P | 10 29 51.4 +0.5 |
| HLID | Hailey | 31.49 333 | ↑P | P | 10 29 53.1 +0.2 |
| HLID | Hailey | 31.49 333 | ↑P | P | 10 29 53.0 +0.2 |
| G17A | Pierce Place | 31.57 340 | ↑P | P | 10 29 54.8 +1.4 |
| GCMT | Greycliff | 31.64 341 | eP | P | 10 29 54.1 -0.1 |
| GCMT | Lima | 31.64 337 | ↑P | P | 10 30 06.0 +0.3 |
| I13A | Wildhorse Cree | 31.65 334 | ↑P | P | 10 29 54.6 +0.4 |
| EYMN | Ely | 31.75 5 | eP | P | 10 29 54.5 -0.5 |
| EYMN | Big Timber | 31.76 341 | ↑P | P | 10 29 55.2 +0.1 |
| G16A | Moss Hill, Enn | 31.86 338 | ↑P | P | 10 29 57.1 +1.1 |
| MCMT | McKenzie Canyo | 31.90 337 | eP | P | 10 29 57.7 +1.3 |
| AGMN | Agassiz Nation | 31.91 360 | eP | P | 10 29 56.0 -0.5 |
| AGMN | Agassiz Nation | 31.91 360 | eP | P | 10 30 07.5 -0.5 |
| AGMN | Agassiz Nation | 31.91 360 | eP | P | 10 30 12.7 -0.5 |
| AGMN | Agassiz Nation | 31.91 360 | eP | P | 10 32 44.3 -1.9 |
| H14A | Leadore | 31.92 336 | ↑P | P | 10 29 57.5 +0.9 |
| I12A | Atlanta | 31.98 333 | ↑P | P | 10 29 57.6 +0.5 |
| MFID | Camas Ranch | 31.99 332 | ↑P | P | 10 29 57.2 0.0 |
| G15A | Dillon | 32.05 337 | ↑P | P | 10 29 58.9 +1.2 |
| F17A | Fitzpatrick PI | 32.06 340 | ↑P | P | 10 29 58.7 +0.9 |
| OHCM | Honcut | 32.14 321 | eP | P | 10 29 58.8 +0.2 |

| | | | | | |
|------|------------------|-----------|-------|----|-----------------|
| H13A | Challis | 32.23 335 | ↑P | P | 10 29 59.9 +0.6 |
| DLMT | Dillon | 32.26 337 | eP | P | 10 30 00.0 +0.5 |
| F16A | Kennard Place | 32.27 339 | ↑P | P | 10 30 00.4 +0.7 |
| MCCM | Marconi Confer | 32.31 318 | PFAKE | LR | 10 30 10.0 +1.0 |
| BBSR | BB Station | 32.32 55 | PFAKE | LR | 10 30 10.0 +1.0 |
| LCCM | Lewis and Clar | 32.41 339 | P | P | 10 30 01.5 +0.6 |
| E18A | Harlowton | 32.41 342 | ↑P | P | 10 30 01.0 +0.1 |
| ANWB | Willy Bob | 32.45 83 | PFAKE | LR | 10 30 20.0 +1.8 |
| H12A | Diamond D Ranc | 32.47 334 | ↑P | P | 10 30 02.1 +0.6 |
| G14A | Jackson | 32.48 336 | ↑P | P | 10 30 02.2 +0.7 |
| LRM | Limekiln Ridge | 32.60 338 | eP | P | 10 30 03.1 +0.6 |
| E17A | Martinsdale | 32.61 340 | ↑P | P | 10 30 02.9 +0.2 |
| WVOR | Wild Horse Val | 32.62 328 | eP | P | 10 30 02.6 -0.2 |
| WVOR | Wild Horse Val | 32.62 328 | eP | P | 10 30 13.7 -0.7 |
| WVOR | Wild Horse Val | 32.62 328 | eP | P | 10 30 02.6 -0.2 |
| WVOR | Wild Horse Val | 32.62 328 | eP | P | 10 30 13.7 -0.6 |
| G13A | Cobalt | 32.66 335 | ↑P | P | 10 30 03.3 +0.3 |
| ACCN | Adirondack Com | 32.87 30 | P | P | 10 30 04.5 -0.5 |
| HOPS | Hopland | 32.92 319 | PFAKE | LR | 10 30 20.0 +1.5 |
| F14A | Wisdom | 32.93 337 | ↑P | P | 10 30 05.7 +0.3 |
| D18A | Linhart Farms | 32.95 342 | ↑P | P | 10 30 05.6 +0.1 |
| E16A | East Helena | 32.95 340 | ↑P | P | 10 30 05.8 +0.3 |
| MOD | Modoc | 33.13 325 | eP | P | 10 30 07.0 -0.3 |
| MOD | Modoc | 33.13 325 | eP | P | 10 30 19.0 +0.1 |
| HRH | Holter Researc | 33.15 340 | eP | P | 10 30 07.5 +0.1 |
| D17A | Six Diamond Ra | 33.17 341 | ↑P | P | 10 30 07.7 +0.1 |
| E15A | Deer Lodge | 33.18 338 | ↑P | P | 10 30 07.4 -0.2 |
| J08A | Circle Bar Ran | 33.21 329 | ↑P | P | 10 30 08.1 +0.2 |
| GRGR | Greenville | 33.25 93 | eP | P | 10 30 08.1 -0.5 |
| DFD | Fort de France | 33.31 88 | PFAKE | LR | 10 30 20.0 +1.1 |
| D16A | Dana Ranch, Ca | 33.34 340 | ↑P | P | 10 30 09.0 0.0 |
| L0NY | Lake Ozonia | 33.39 28 | eP | P | 10 30 08.3 -1.2 |
| L0NY | Lake Ozonia | 33.39 28 | eP | P | 10 30 21.0 -0.1 |
| L0NY | Lake Ozonia | 33.39 28 | eP | P | 10 35 27.5 -0.1 |
| E14A | Whiskeytown Da | 33.55 322 | eP | P | 10 30 08.3 -2.6 |
| WDC | Whiskeytown Da | 33.55 322 | eP | P | 10 30 09.7 -1.3 |
| F12A | Elk City | 33.62 335 | ↑P | P | 10 30 11.5 +0.1 |
| C17A | Wharram Farm | 33.62 342 | ↑P | P | 10 30 11.6 +0.1 |
| KCPM | Cahto Peak | 33.65 319 | eP | P | 10 30 12.4 +0.7 |
| D15A | Lincoln | 33.67 339 | ↑P | P | 10 30 11.8 -0.1 |
| EGMT | Eagleton | 33.68 343 | ↑P | P | 10 30 11.9 -0.1 |
| EGMT | Eagleton | 33.68 343 | ↑P | P | 10 30 11.9 -0.1 |
| EGMT | Eagleton | 33.68 343 | ↑P | P | 10 30 23.4 -0.2 |
| EGMT | Eagleton | 33.68 343 | ↑P | P | 10 30 29.0 +0.3 |
| EGMT | Eagleton | 33.68 343 | ↑P | P | 10 32 50.7 -0.4 |
| E13A | Victor | 33.76 337 | ↑P | P | 10 30 12.6 -0.1 |
| BMO | Blue Mountains | 33.78 332 | eP | P | 10 30 11.9 -1.0 |
| CHMT | Chamberlain Mo | 33.82 338 | eP | P | 10 30 13.1 -0.1 |
| MSO | Missoula | 34.00 337 | eP | P | 10 30 14.3 -0.4 |
| MSO | Missoula | 34.00 337 | eP | P | 10 30 26.3 0.0 |
| MSO | Missoula | 34.00 337 | eP | P | 10 32 51.7 -0.3 |
| FRNY | Flat Rock | 34.01 29 | eP | P | 10 30 14.0 -0.9 |
| K05A | Summer Lake | 34.01 326 | ↑P | P | 10 30 14.6 -0.3 |
| B18A | Beardley Farm | 34.02 343 | ↑P | P | 10 30 14.9 0.0 |
| D14A | Greenough | 34.05 338 | ↑P | P | 10 30 14.7 -0.5 |
| C16A | Fuhringer Ranch | 34.08 341 | ↑P | P | 10 30 15.3 -0.1 |
| SLMT | Seeley Lake | 34.19 338 | eP | P | 10 30 15.9 -0.4 |
| B17A | L&G Farms, Che | 34.23 342 | ↑P | P | 10 30 16.4 -0.3 |
| I07A | Izze | 34.25 329 | ↑P | P | 10 30 16.2 -0.7 |
| C15A | Salmond Ranch | 34.34 340 | ↑P | P | 10 30 17.3 -0.4 |
| LBNH | Lisbon | 34.36 31 | PFAKE | LR | 10 30 30.0 +1.2 |
| YBH | Yreka Blue Hou | 34.37 323 | eP | P | 10 30 16.0 -2.0 |
| D13A | Huson | 34.41 337 | ↑P | P | 10 30 17.9 -0.4 |
| A18A | KHMM Horse Mount | 34.44 321 | eP | P | 10 30 18.5 -0.2 |
| A18A | Metzger Ranch | 34.52 343 | ↑P | P | 10 30 19.0 -0.3 |
| SWMT | Swartz Lake | 34.59 338 | eP | P | 10 30 19.5 -0.3 |
| B16A | M & M Farms, S | 34.61 341 | ↑P | P | 10 30 19.6 -0.4 |
| F10A | Beach Ranch, E | 34.62 333 | ↑P | P | 10 30 19.6 -0.5 |
| D12A | Red Vies Fores | 34.72 336 | ↑P | P | 10 30 20.2 -0.7 |
| A17A | Triple J Farms | 34.78 343 | ↑P | P | 10 30 20.9 -0.6 |
| B15A | Bradley Ranch | 34.79 340 | ↑P | P | 10 30 20.7 -0.8 |
| G08A | Pilot Rock | 34.87 331 | ↑P | P | 10 30 21.4 -1.0 |
| JTMT | Jette | 34.90 338 | eP | P | 10 30 22.3 -0.2 |
| YBMT | Yellow Bay | 34.90 338 | eP | P | 10 30 22.9 +0.5 |
| C13A | Hot Springs | 34.95 338 | ↑P | P | 10 30 22.7 -0.7 |
| LNOR | Linnton Mounta | 35.00 332 | eP | P | 10 30 22.8 -0.6 |
| A16A | West Butte Ran | 35.05 342 | ↑P | P | 10 30 23.5 -0.3 |
| HUMO | Hull Mountain | 35.07 324 | PFAKE | LR | 10 30 30.0 +5.9 |
| B14A | Marquette Ranc | 35.07 339 | ↑P | P | 10 30 23.5 -0.5 |
| BBGH | Gun Hill | 35.08 90 | PFAKE | LR | 10 30 40.0 +1.6 |
| VIPM | Ingram Point | 35.11 328 | P | P | 10 30 23.7 -0.7 |
| BSMT | Beaver Peak | 35.17 338 | eP | P | 10 30 24.3 -0.5 |
| C12B | Naegli Ranch | 35.31 337 | ↑P | P | 10 30 25.3 -0.7 |
| A15A | Johnson Ranch | 35.43 341 | ↑P | P | 10 30 26.7 -0.4 |
| E09A | Wood Farm, Sta | 35.44 333 | ↑P | P | 10 30 25.7 -1.4 |
| B13A | Whitefish | 35.49 338 | ↑P | P | 10 30 27.8 +0.2 |
| G06A | Carlson Farm | 35.64 329 | ↑P | P | 10 30 28.3 -0.6 |

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|------|----------------|-----------|----|---|-----------------|
| A14A | Double T Ranch | 35.65 340 | ↑P | P | 10 30 28.8 -0.1 |
| WALA | Waterloo Lakes | 35.89 339 | ↑P | P | 10 30 31.4 +0.5 |
| A13A | Flathand Natio | 35.95 339 | ↑P | P | 10 30 31.7 +0.2 |
| HAWA | Hanford | 35.97 332 | eP | P | 10 30 30.3 -1.4 |
| HAWA | Hanford | 35.97 332 | eP | P | 10 30 30.3 -1.4 |
| B12A | Libby | 35.98 337 | ↑P | P | 10 30 31.8 +0.1 |
| RSW | Rattlesnake Hi | 35.99 332 | eP | P | 10 30 31.8 -0.1 |
| KEB | Edson Butte | 36.02 323 | eP | P | 10 32 52.4 +0.4 |
| H04A | Detroit Lake | 36.03 327 | ↑P | P | 10 30 31.4 -0.9 |
| D08A | Wollman Farm | 36.20 333 | ↑P | P | 10 30 32.5 -1.2 |
| E07A | Sunnyside | 36.24 331 | ↑P | P | 10 30 33.0 -1.1 |
| OD2 | Odessa Site #2 | 36.36 333 | ↑P | P | 10 30 34.5 -0.6 |
| A12A | Yaak River Ran | 36.39 338 | ↑P | P | 10 30 35.4 +0.1 |
| NEW | Newport | 36.40 336 | eP | P | 10 30 34.8 -0.6 |
| NEW | Newport | 36.40 336 | eP | P | 10 30 45.7 -1.4 |
| NEW | Newport | 36.40 336 | eP | P | 10 32 57.5 |
| NEW | Newport | 36.40 336 | eP | P | 10 30 34.8 -0.6 |
| NEW | Newport | 36.40 336 | eP | P | 10 30 45.7 -1.4 |
| NEW | Newport | 36.40 336 | eP | P | 10 32 57.5 -1.5 |
| C09A | Chrisman Ranch | 36.50 334 | ↑P | P | 10 30 35.8 -0.4 |
| G04A | Mulino | 36.54 328 | ↑P | P | 10 30 35.8 -0.8 |
| COR | Corvallis | 36.55 326 | eP | P | 10 30 36.7 0.0 |
| COR | Corvallis | 36.55 326 | eP | P | 10 30 48.1 -0.4 |
| COR | Corvallis | 36.55 326 | eP | P | 10 30 36.7 -0.1 |
| COR | Corvallis | 36.55 326 | eP | P | 10 30 48.1 -0.4 |
| GULW | Guler Mountain | 36.60 329 | ↑P | P | 10 30 38.1 +1.0 |

30d 10h

Table with columns for station name, frequency, power, and coordinates. Includes stations like EGAK Eagle, PAX Paxson, PMR Palmer, etc.

2008 JUL

Table with columns for station name, frequency, power, and coordinates. Includes stations like EVO Evora, PCBR Castelo Branco, PCVE Castro Verde, etc.

1330

Table with columns for station name, frequency, power, and coordinates. Includes stations like SJPF Ste Jean, SJPF Ste Jean, SJPF Ste Jean, etc.

Table with columns: Station Name, Frequency, Class, Power, and other technical details. Includes stations like Canberra, Charters Towers, Port Moresby, Alice Springs, etc.

Table with columns: Station Name, Frequency, Class, Power, and other technical details. Includes stations like HABR, HAFR, BAR, VES, MUR, BFC, etc.

Table with columns: Station Name, Frequency, Class, Power, and other technical details. Includes stations like R11A, W14A, E03A, S12A, BMM, etc.

| | | | | | | | |
|------|----------------------------------|-------|-----|--------|------|------------|------|
| V17A | baz=87,SNR=29 | 86.65 | 50 | ↑P | P | 13 10 57.0 | -0.1 |
| Q14A | Tonaleia, Kykot baz=87,SNR=16 | 86.66 | 46 | ↑P | P | 13 10 57.2 | +0.1 |
| U16A | Sevier Lake (B) | 86.68 | 49 | ↑P | P | 13 10 57.4 | +0.2 |
| X18A | Suba City baz=87,SNR=11 | 86.72 | 51 | ↓P | P | 13 10 57.7 | +0.2 |
| PMR | Snowflake baz=87 | 86.72 | 14 | eP | Pmax | 13 10 55.8 | -0.9 |
| PMR | Palmer comp=Z,15nm,0.5s,mb5.0 | 86.72 | 14 | eP | P | 13 10 55.8 | -0.9 |
| 120A | U Bar Ranch, L | 86.73 | 53 | ↓P | P | 13 10 57.9 | +0.4 |
| JCW | Jim Creek | 86.75 | 35 | eP | P | 13 10 57.3 | +0.1 |
| L11A | Cat Creek Ranc | 86.75 | 42 | eP | P | 13 10 57.7 | +0.2 |
| T16A | Glen Canyon Da | 86.84 | 48 | ↑P | P | 13 10 58.1 | +0.2 |
| E07A | Sunnyside | 86.88 | 37 | ↑P | P | 13 10 58.2 | +0.4 |
| M12A | Wells | 86.89 | 43 | ↑P | P | 13 10 58.1 | 0.0 |
| RSW | Rattlesnake Hi | 86.93 | 37 | eP | P | 13 10 58.6 | +0.5 |
| Y19A | Nutriosio | 86.94 | 52 | ↓P | P | 13 10 59.0 | +0.5 |
| HAWA | Hanford | 86.96 | 37 | eP | P | 13 10 58.6 | +0.4 |
| Z20A | Nine Sixteen R | 87.03 | 53 | ↑P | P | 13 10 59.3 | +0.4 |
| N13A | Wendover, West | 87.04 | 44 | ↓P | P | 13 10 58.7 | -0.1 |
| N13A | Wendover, West | 87.04 | 44 | eP | P | 13 10 58.6 | -0.2 |
| 221A | Mesquite Ranch | 87.11 | 54 | ↑P | P | 13 10 59.9 | +0.6 |
| DIV | Divide | 87.12 | 16 | eP | P | 13 10 58.4 | -0.2 |
| P14A | Drum Mountains | 87.15 | 42 | ↑P | P | 13 10 59.1 | -0.1 |
| RPW | Rockport | 87.12 | 34 | eP | P | 13 10 58.7 | -0.2 |
| X19A | St. Johns | 87.14 | 51 | ↑P | P | 13 10 59.8 | +0.4 |
| S16A | Wepner Ranch, | 87.15 | 47 | ↑P | P | 13 10 59.2 | -0.2 |
| MSU | Marysvale | 87.15 | 47 | eP | P | 13 11 00.2 | +0.8 |
| W18A | Petrified Fore | 87.16 | 50 | ↑P | P | 13 10 59.9 | +0.4 |
| A05A | Maple Falls | 87.17 | 34 | ↓P | P | 13 10 58.9 | -0.3 |
| B06A | Marblemont | 87.18 | 34 | ↓P | P | 13 10 59.4 | +0.1 |
| L12A | House Creek Ra | 87.22 | 42 | ↑P | P | 13 10 59.8 | +0.1 |
| ETW | Entiat | 87.24 | 36 | eP | P | 13 10 59.7 | +0.2 |
| MAIT | Maitri | 87.25 | 184 | eP | pP | 13 13 04.8 | -3.8 |
| Q15A | Fillmore | 87.27 | 46 | ↓P | P | 13 11 00.3 | +0.4 |
| BMRM | Bremner River | 87.28 | 16 | eP | P | 13 10 58.8 | -0.6 |
| E08A | Dider Farm, El | 87.28 | 37 | ↑P | P | 13 10 59.7 | 0.0 |
| T17A | Navajo Res., N | 87.33 | 48 | ↓P | P | 13 11 00.7 | +0.4 |
| M13A | Montello | 87.34 | 43 | ↓P | P | 13 11 00.0 | -0.2 |
| M13A | Montello | 87.34 | 43 | eP | P | 13 11 00.3 | +0.1 |
| BMO | Blue Mountains | 87.34 | 39 | eP | P | 13 10 59.9 | -0.1 |
| 121A | Cookes Peak, D | 87.35 | 53 | eP | P | 13 11 00.8 | +0.3 |
| LNOR | Linton Mounta | 87.36 | 38 | eP | P | 13 11 00.2 | +0.1 |
| SEY | Seymchan | 87.39 | 348 | eP | pP | 13 10 59.0 | -0.8 |
| W19A | Sanders | 87.40 | 51 | ↑P | P | 13 11 00.8 | +0.1 |
| MFID | Camas Ranch | 87.42 | 41 | ↓P | P | 13 11 00.5 | +0.1 |
| RTV | Waterville | 87.50 | 36 | eP | P | 13 11 00.7 | -0.1 |
| W16A | Teasdale | 87.51 | 47 | ↓P | P | 13 11 01.5 | +0.5 |
| VNA1 | Neumayer-Stat | 87.52 | 177 | ePdiff | pP | 13 13 09.5 | -0.4 |
| VNA1 | Neumayer-Stat | 87.52 | 177 | eP | pP | 13 17 14.6 | |
| Y20A | Horse Springs, | 87.56 | 52 | ↓P | P | 13 11 01.8 | +0.4 |
| DUG | Dugway | 87.60 | 45 | ↓P | P | 13 11 01.1 | -0.3 |
| P15A | Leamington | 87.63 | 46 | ↓P | P | 13 11 01.5 | 0.0 |
| S17A | Black Ridge (B | 87.65 | 48 | ↑P | P | 13 11 01.2 | -0.5 |
| 222A | Williams Famil | 87.67 | 54 | ↓P | P | 13 11 02.2 | +0.3 |
| PNL | Peninsula | 87.67 | 19 | eP | P | 13 11 01.2 | -0.1 |
| D08A | Wollman Farm, | 87.69 | 37 | ↓P | P | 13 11 01.8 | +0.2 |
| N14A | Grayback Hills | 87.70 | 44 | ↓P | P | 13 11 02.0 | +0.2 |
| U18A | Rough Rock, Ch | 87.70 | 49 | ↑P | P | 13 11 01.7 | -0.2 |
| X20A | Quemado | 87.77 | 51 | ↓P | P | 13 11 02.6 | +0.2 |
| XAN | Xi'an | 87.78 | 308 | P | P | 13 11 03.5 | +1.1 |
| XAN | comp=Z,2.0nm,0.7s,mb4.0 | | | Pmax | Pmax | | |
| XAN | comp=Z,25nm,7.1s | | | Pmax | Pmax | | |
| E09A | Wood Farm, Sta | 87.81 | 37 | ↓P | P | 13 11 01.8 | -0.4 |
| L13A | Double Diamond | 87.87 | 43 | ↑P | P | 13 11 02.8 | +0.2 |
| O15A | The Old Anders | 87.87 | 45 | ↑P | P | 13 11 03.5 | +0.8 |
| M14A | Sheep Mountain | 87.94 | 43 | ↓P | P | 13 11 02.9 | -0.1 |
| OD2 | Odessa Site #2 | 88.00 | 36 | eP | P | 13 11 03.1 | 0.0 |
| 122A | Conniff Cattle | 88.02 | 54 | ↓P | P | 13 11 04.0 | +0.5 |
| F10A | Beach Ranch, E | 88.02 | 38 | ↑P | P | 13 11 02.7 | -0.5 |
| Q16A | Castle Valley | 88.04 | 47 | ↑P | P | 13 11 03.9 | +0.4 |
| T18A | Mexican Hat | 88.04 | 49 | ↑P | P | 13 11 03.6 | +0.1 |
| I12A | Atlanta | 88.05 | 41 | ↓P | P | 13 11 03.7 | +0.3 |
| W20A | Ramah | 88.05 | 51 | ↓P | P | 13 11 03.7 | 0.0 |
| K13A | Stover Farm, H | 88.08 | 42 | ↓P | P | 13 11 03.9 | +0.3 |
| R17A | Hanksville Air | 88.10 | 47 | ↑P | P | 13 11 03.5 | -0.3 |
| U19A | Dine' College, | 88.10 | 50 | ↑P | P | 13 11 03.7 | -0.1 |
| Y21A | Point of Rocks | 88.12 | 52 | ↓P | P | 13 11 04.7 | +0.6 |
| N15A | Stansbury Isla | 88.15 | 44 | ↓P | P | 13 11 04.0 | 0.0 |
| TMUT | Trail Mountain | 88.20 | 46 | eP | P | 13 11 05.0 | +0.7 |
| B08A | Colville Reser | 88.23 | 35 | eP | P | 13 11 03.6 | -0.6 |
| S18A | Hurst Farm, BI | 88.23 | 48 | ↑P | P | 13 11 04.3 | -0.2 |
| X21A | Alamocita Cree | 88.25 | 52 | ↑P | P | 13 11 04.9 | +0.3 |
| L14A | Malta | 88.28 | 43 | ↑P | P | 13 11 04.5 | 0.0 |
| MPU | Maple Canyon | 88.28 | 45 | eP | P | 13 11 04.7 | +0.1 |
| Z22A | Elephant Butte | 88.30 | 53 | ↓P | P | 13 11 05.0 | +0.1 |
| HLID | Hailey | 88.36 | 41 | ↑P | P | 13 11 05.2 | +0.3 |
| HLID | Hailey | 88.36 | 41 | eP | P | 13 11 05.4 | +0.5 |
| V20A | Brinhall | 88.39 | 50 | ↓P | P | 13 11 05.4 | +0.2 |
| SPUT | South Promonto | 88.41 | 44 | eP | P | 13 11 05.7 | +0.5 |
| HVU | Hansel Valley | 88.45 | 43 | eP | P | 13 11 05.8 | +0.5 |
| HVU | Hansel Valley | 88.45 | 43 | eP | Pmax | 13 11 05.8 | +0.5 |
| HVU | comp=Z,13nm,0.6s,mb4.8 | | | Pmax | Pmax | | |
| O16A | Springville | 88.47 | 45 | ↑P | P | 13 11 05.3 | -0.1 |

| | | | | | | | |
|------|-------------------------------------|-------|-----|------|------|------------|------|
| T19A | baz=89,SNR=8.7 | 88.49 | 49 | ↑P | P | 13 11 06.1 | +0.5 |
| M15A | Beclabito | 88.49 | 44 | ↑P | P | 13 11 05.3 | -0.2 |
| 123A | Larsen Ranch, baz=89,SNR=15 | 88.49 | 44 | ↑P | P | 13 11 06.3 | +0.3 |
| SRU | Bell Site, Whi baz=89 | 88.54 | 54 | ↓P | P | 13 11 05.9 | -0.1 |
| SRU | San Rafael | 88.57 | 47 | ↓P | P | 13 11 05.9 | -0.1 |
| K14A | San Rafael baz=89,SNR=23 | 88.57 | 47 | eP | P | 13 11 06.0 | +0.1 |
| 324A | Jones Ranch, D baz=89,SNR=13 | 88.59 | 43 | ↓P | P | 13 11 06.1 | +0.1 |
| 324A | Moseley Ranch, baz=89,SNR=15 | 88.59 | 55 | ↑P | P | 13 11 06.3 | 0.0 |
| P17A | Butcher Ranch, baz=89 | 88.61 | 46 | ↑P | P | 13 11 06.8 | +0.6 |
| Y22A | Socorro | 88.61 | 53 | ↓P | P | 13 11 06.4 | +0.1 |
| H12A | Diamond D Ranc | 88.62 | 40 | ↓P | P | 13 11 06.0 | -0.1 |
| U20A | Newcomb | 88.63 | 50 | ↓P | P | 13 11 06.0 | -0.3 |
| KMI | Kumming | 88.64 | 298 | P | S | 13 11 08.0 | +1.4 |
| KMI | Kumming | 88.64 | 298 | P | SS | 13 21 06.3 | +2.7 |
| KMI | Kumming | 88.64 | 298 | P | SS | 13 27 20.0 | +5.7 |
| KMI | comp=Z,4.0nm,0.9s,mb4.2 | | | Pmax | Pmax | | |
| R18A | comp=Z,7.6nm,3.1s Canyonlands Na | 88.64 | 48 | ↓P | P | 13 11 06.0 | -0.3 |
| 425A | Indio Mountain baz=89,SNR=14 | 88.68 | 56 | ↓P | P | 13 11 07.0 | +0.3 |
| LAZ | Ladron | 88.70 | 52 | eP | P | 13 11 06.9 | +0.2 |
| JLU | Jordanelle | 88.70 | 45 | eP | P | 13 11 07.0 | +0.5 |
| I13A | Wildhorse Cree | 88.73 | 41 | ↑P | P | 13 11 06.9 | +0.3 |
| DAU | Daniels Canyon | 88.73 | 45 | eP | P | 13 11 07.5 | +0.8 |
| MNTX | Cornudas Moun | 88.78 | 55 | eP | P | 13 11 07.1 | 0.0 |
| 626A | Big Bend Ranch baz=89,SNR=22 | 88.80 | 58 | ↓P | P | 13 11 07.5 | +0.2 |
| SKAG | Skagway | 88.81 | 21 | eP | P | 13 11 07.4 | +0.8 |
| L15A | Malad City | 88.81 | 43 | ↓P | P | 13 11 06.8 | -0.2 |
| Q18A | Rafter H Ranch baz=89,SNR=12 | 88.83 | 47 | ↓P | P | 13 11 06.8 | -0.4 |
| X22A | Bernardo | 88.84 | 52 | ↑P | P | 13 11 07.8 | +0.4 |
| 224A | Cornudas Moun baz=89,SNR=18 | 88.84 | 55 | ↑P | P | 13 11 07.6 | +0.2 |
| Z23A | Rita Site, Whi baz=89,SNR=7.0 | 88.85 | 53 | ↓P | P | 13 11 07.4 | 0.0 |
| N16A | Rees Ranch, Co | 88.85 | 45 | ↓P | P | 13 11 07.4 | +0.1 |
| S19A | Harvey Farm, M | 88.85 | 48 | ↓P | P | 13 11 07.0 | -0.3 |
| 325A | Bean Ranch, Si baz=89,SNR=12 | 88.95 | 56 | ↑P | P | 13 11 07.8 | -0.1 |
| BNM | Barren Site | 88.96 | 52 | eP | P | 13 11 08.0 | +0.1 |
| O17A | Robinson Place baz=89,SNR=23 | 88.97 | 46 | ↑P | P | 13 11 08.3 | +0.5 |
| V21A | Mitli | 88.99 | 51 | ↑P | P | 13 11 07.7 | -0.3 |
| H13A | Challis | 89.00 | 41 | ↓P | P | 13 11 07.8 | 0.0 |
| P18A | Prent Nettle baz=89,SNR=10 | 89.01 | 46 | ↑P | P | 13 11 08.1 | +0.1 |
| LPM | Los Pinos Moun | 89.03 | 52 | eP | P | 13 11 08.2 | +0.3 |
| R19A | Curley Farm, L | 89.03 | 48 | ↓P | P | 13 11 07.7 | -0.5 |
| F12A | Elk City baz=89,SNR=5.4 | 89.05 | 39 | ↑P | P | 13 11 07.6 | -0.4 |
| 526A | Mary Lane Ranch baz=89,SNR=17 | 89.06 | 57 | ↑P | P | 13 11 08.4 | 0.0 |
| K15A | Arbon | 89.07 | 43 | ↓P | P | 13 11 08.2 | 0.0 |
| TXAR | Lajitas Array | 89.07 | 58 | P | SR | 13 11 08.8 | +0.3 |
| HWUT | Hardware Ranch | 89.13 | 44 | eP | P | 13 11 05.3 | -3.2 |
| CMAR | Chiang Mai Arr | 89.16 | 290 | P | PP | 13 11 11.0 | +1.8 |
| CMAR | Chiang Mai Arr | 89.16 | 290 | P | PP | 13 14 49.2 | -2.0 |
| HYT | Haines Juncto | 89.17 | 19 | eP | P | 13 11 08.6 | +0.4 |
| 124A | Stringfield Ra | 89.18 | 54 | ↑P | P | 13 11 09.1 | +0.2 |
| W22A | Albuquerque | 89.21 | 52 | ↓P | P | 13 11 09.5 | +0.4 |
| HHC | Hu-ho-hao-te | 89.25 | 315 | eP | P | 13 11 09.8 | +0.7 |
| HHC | Hu-ho-hao-te | 89.25 | 315 | eP | PP | 13 14 54.5 | +3.0 |
| HHC | Hu-ho-hao-te | 89.25 | 315 | eP | SKS | 13 20 43.5 | |
| HHC | Hu-ho-hao-te | 89.25 | 315 | eP | S | 13 21 08.8 | +0.4 |
| HHC | comp=Z,9.0nm,0.7s,mb4.7 | | | Pmax | Pmax | | |
| HHC | comp=Z,4.7nm,6.7s | | | Pmax | Pmax | | |
| U21A | Nageezi | 89.27 | 50 | ↑P | P | 13 11 09.2 | -0.1 |
| N17A | Moffit Pass | 89.28 | 45 | ↑P | P | 13 11 09.1 | -0.1 |
| Y23A | Loveless Mesa, baz=89,SNR=10 | 89.28 | 53 | ↑P | P | 13 11 09.1 | -0.3 |
| G13A | Cobalt | 89.29 | 40 | ↑P | P | 13 11 09.0 | -0.1 |
| CHTO | Chiang Mai | 89.30 | 290 | eP | Pmax | 13 11 11.5 | +1.7 |
| CHTO | Chiang Mai | 89.30 | 290 | eP | Pmax | 13 11 11.5 | +1.7 |
| Q19A | Hogan Spring (I baz=89,SNR=12) | 89.35 | 47 | ↑P | P | 13 11 09.3 | -0.3 |
| 426A | McDonald Obser | 89.37 | 57 | ↑P | P | 13 11 09.8 | -0.1 |
| 225A | Deer Hill, Car- | 89.39 | 55 | ↓P | P | 13 11 10.2 | +0.2 |
| L16A | Fish Haven | 89.43 | 44 | ↓P | P | 13 11 09.7 | -0.1 |
| PV01 | Paradox Valley | 89.43 | 48 | eP | P | 13 11 09.7 | -0.3 |
| ANMO | Albuquerque, 0.9s | 89.45 | 52 | eP | P | 13 11 10.2 | 0.0 |
| 527A | Woodward Ranch | 89.47 | 57 | ↑P | P | 13 11 10.2 | -0.1 |
| J15A | Blackfoot | 89.50 | 42 | ↓P | P | 13 11 10.9 | +0.7 |
| Z24A | Sheep Canyon baz=89,SNR=5.7 | 89.53 | 54 | ↓P | P | 13 11 10.2 | -0.3 |
| H14A | Leadore | 89.56 | 41 | ↓P | P | 13 11 10.7 | +0.3 |
| V22A | San Miguel Ran | 89.56 | 51 | ↑P | P | 13 11 10.3 | -0.3 |
| T21A | Navajo Lake | 89.62 | 50 | | | | |

30d 14h

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like Villa Florida, La Paz, MAW, DZM, STKA, CTA, ASAR, BOS, BRTR.

JMA 30 14:15:59.7-0.3, 44.01N x 148.07E, h0km, M4.0, Kuril Islands. Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res.

30d 14:18:21.1-1.0, 19.54N x 121.44E, h0km, mb3.8/11, mb1.3.9/12, mb1mx3.8/22, mbtmp3.8/12, ML3.9/1, MS3.4/8, Ms1.3.5/8, ms1mx3.1/34, Error ellipse: s-maj=24.1km s-min=22.2km az=83.0

NEIC 30 14:18:26.3-1.6, 19.50N x 121.46E, h37km, 15km, mb4.2/3, Error ellipse: s-maj=14.3km s-min=10.2km az=108.0

ISCJB 30 14:18:27.0-0.8, 19.61N x 121.42E-0.1, h60km, 9km, mb3.7/14, MS3.5/8, Error ellipse: s-maj=16.0km s-min=8.0km az=174.0

MAN 30 14:18:42, 18.58N, 121.62E, h64km, mb4.9, ML3.8, MS3.9

ISC 30 14:18:28.8-0.7, 19.52N x 121.44E-0.10, h59km, 9km, n42, r1930/39, mb3.7/14, MS3.5/8, 1C-1D, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like PIP, APYP, ABRA, CAUP, PALP, BOPH, BOLP, TPUB, BALP, SSSLB, POLP, LUBP, PVCP, KSR5, KSR5, BJT, BJI, KSM, CHTO, CMAR, MJAR, LZH, BSI, ASAJ, SONM, SONM, WRAB, MKAR, MKAR, PETK, PETK, ZALV, ASAR, KURK, KURK, ILAR, FINES, NB2, NOA, NOA, YKA, YKA, FRB.

NNC 30 14:25:44.1-5.3, 50.03N x 88.20E, h0km, mb3.5, mpv3.1, 6C-3D, Error ellipse: s-maj=40.0km s-min=26.3km az=67.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like MK31, MK31, MK31, KURK, KURK, KURK.

2008 JUL

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

30d 14:40:25.5-1.7, 10.72S x 163.68E, h0km, mb3.7/6, mb1.3.9/7, mb1mx3.8/16, mbtmp3.7/7, ML4.0/1, Error ellipse: s-maj=53.0km s-min=28.3km az=167.0

NEIC 30 14:40:33.4-1.0, 10.08S x 163.63E, h35km, mb3.6/1, Error ellipse: s-maj=31.9km s-min=15.2km az=158.0

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like HNR, HNR, HNR, CTAO, ASAR, CMAR, ILAR, NVAR, MKAR.

NEIC 30 14:41:22.1, 52.35N x 169.66W, h13km, ML3.7(PMR), ML3.2(AEIC), After AEIC, Fox Islands

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like OKFG, UNV, UNV, ATKA, AKGG, AKUT, AKUT, SDPT, AMKA.

ISC 30 14:45:06.3-2.4, 10.71S x 163.77E, h0km, mb3.8/4, mb1.4.0/6, mb1mx3.8/17, mbtmp4.0/6, ML4.5/1, Error ellipse: s-maj=50.0km s-min=37.1km az=127.0

Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like HNR, HNR, CTA, ASAR, CMAR, SONM, MKAR.

TAP 30 14:55:02.5, 22.07N x 121.79E, h143km, ML4.0, 7C, C, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like LAY, LAY, TSEB, TSEB, TAW, TAW, TTT, TTT, TWK1, TWK1, EAST, EAST, ECL, ECL, HEN, HEN, TWG, TWG, TWG, TWG, SCZT, SCZT, SSD, SSD, ELDTW, ELDTW, TWP, TWP, STYT, STYT, TW1, TW1, TW1, TW1, EHY, EHY, SGST, SGST, WTP, WTP, CHN3, CHN3, CHN4, CHN4, CHN4.

JMA 30 14:59:46.4-0.4, 21.90N x 121.82E, h49km, M3.1, TAP 30 14:59:45.6, 21.91N x 121.52E, h6km, 1km, ML3.3, 1D, D, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like LAY, TSEB, TSEB, TWK1, TWK1, TAW, TAW, HEN, HEN, EAST, EAST, ECL, ECL, ECL, SCZT, SCZT, TWG, TWG.

1338

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like TWK, TWK, TAI1, TAI1, TAI1, ESL, CHNS, CHNS, SCLT, SCLT, SCLT, CHY, CHY, CHY, WGG, WGG, WGG, SMLT, SMLT, SMLT, TWD, TWD, TYC, TYC, TYC, WNT, WNT, WHF, WHF, TWT, TWT, TCU, TCU, ENA, ENA, NNS, NNS, TWQ1, TWQ1, TWC, TWC, PNG, PNG, ENT, ENT, NSK, NSK, TSW, TSW, NSTT, NSTT.

ISCJB 30 14:55:53.2-0.5, 66.12N x 0.04-142.61W-0.08, h10km, Error ellipse: s-maj=5.2km s-min=4.7km az=31.2

ISC 30 14:55:54.1-1.0, 66.10N x 142.72W, h0km, mb3.7/1, mb1.3.9/5, mb1mx3.5/26, mbtmp3.8/5, ML3.6/4, Error ellipse: s-maj=15.3km s-min=8.3km az=160.0

NEIC 30 14:55:57.4, 66.07N x 142.86W, h36km, ML4.2(PMR), ML3.7(AEIC), MW3.7(SLM), After AEIC.

PGC 30 14:56:03.0-1.4, 66.02N x 141.76W, h35km, ML3.7/2, 244km northwest of Dawson, Yt Alaska

ISC 30 14:55:55.0-0.4, 66.11N x 0.03-142.65W-0.08, h10km, n27, r1813/36, 5D, Northern Alaska

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like EGAK, EGAK, BM3, BM3, ILAR, ILAR, ILAR, DAWY, DAWY, DAWY, COLA, COLA, DOT, DOT, DOT, COLD, COLD, MENT, MENT, PAXT, PAXT, DHY, DHY, RND, RND, BPAW, BPAW, INK, INK, INK, ILAR, ILAR, DAWY, DAWY, DAWY, COLA, COLA, DOT, DOT, DOT, COLD, COLD, MENT, MENT, PAXT, PAXT, DHY, DHY, RND, RND, BPAW, BPAW, INK, INK, INK, PPLA, PPLA, BMRM, BMRM, HYT, HYT, WHY, WHY, WHY, RSO, RSO, PLBC, PLBC, SWV2, SWV2, DLBC, DLBC, DLBC, DLBC, YKA, YKA, YKA, FINES, FINES.

JMA 30 14:59:46.4-0.4, 21.90N x 121.82E, h49km, M3.1, TAP 30 14:59:45.6, 21.91N x 121.52E, h6km, 1km, ML3.3, 1D, D, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like LAY, TSEB, TSEB, TWK1, TWK1, TAW, TAW, HEN, HEN, EAST, EAST, ECL, ECL, ECL, SCZT, SCZT, TWG, TWG.

Table with columns: KEK, Kerkira, 1.60 219 P, Pn, 00 28 06.1 -1.2, KSP, Ksiaz, 1.85 290 ePn, Sg, 00 36 30.2 +1.8, AQU, L'Aquila, 53.99 23 eP, P, 00 51 27.3 +1.3

Table with columns: KSP, Ksiaz, 1.85 290 ePn, Sg, 00 36 30.2 +1.8, KSP, Ksiaz, 1.85 290 ePn, Sg, 00 36 30.2 +1.8, KSP, Ksiaz, 1.85 290 ePn, Sg, 00 36 30.2 +1.8

Table with columns: AQU, L'Aquila, 53.99 23 eP, P, 00 51 27.3 +1.3, MFF, Saint Martin d, 54.13 10 P, P, 00 51 27.0 +0.1, TCF, Toulx Ste Croi, 54.27 12 P, P, 00 51 28.5 +0.6

CSEM 31 00:35:28.9-0.5, 20:23N:19:06E, h0km, 1km, ML2, 9/6, Error ellipse: s-maj=3.5km s-min=2.0km az=14.0

ISCJB 31 00:35:28.1-0.5, 50:25N:03:19:02E, h0km, Error ellipse: s-maj=4.6km s-min=2.4km az=22.6

PRU 31 00:35:29.5, 50:26N:19:01E, h0km, Error ellipse: s-maj=2.9km s-min=0.9km az=175.0

VIE 31 00:35:33.6-0.8, 49:17N:18:88E, h0km, mb1.9/4, ML2, 4/4, Error ellipse: s-maj=4.9km s-min=4.0km az=60.0

ISC 31 00:35:28.9-0.5, 50:24N:03:19:04E, h0km, m34, #107/67, 2C-1D, Poland

SZGRF 31 00:41:56.2, 6:85S:12:58W, h33km, mb4.7, MS3.8, Ascension Island region

ISCJB 31 00:42:00.2, 4.7, 6.71S:0:06, 11:69W, 0:06, h12km, 29km, mb4.6/80, MS3.8/14, Error ellipse: s-maj=11.0km

IDC 31 00:42:00.4, 0.8, 6:65S:11:67W, h0km, mb4.2/13, mb1.4, 3/1/4, mb1mx4.2/22, mbtmp4.2/14, ML3.3/1, MS3.7/8, Ms1.3/78, ms1mx3.4/20, Error ellipse: s-maj=25.2km

NEIC 31 00:42:01.6, 0.2, 6:80S:11:70W, h10km, mb4.7/56, MS3.9/4, Error ellipse: s-maj=6.0km s-min=4.3km

ISC 31 00:42:01.0, 4.4, 6:79S:0:06, 11:69W, 0:06, h5km, 27km, h22km, 1.1km, pP-P, n191, #068/187, mb4.6/80, MS3.8/14, 43C-14D, Ascension Island region

Code Station Name A° AZ° Phase ID Time Res Code Station Name A° AZ° Phase ID Time Res

LIC Lamto 14.53 27 eP Pn 00 45 33.3 +5.9 LIC Lamto 14.53 27 Pn Pn 00 45 33.5 +6.1

LIC Lamto 14.53 27 Pn Pn 00 45 33.5 +6.1 LIC Lamto 14.53 27 Pn Pn 00 45 33.5 +6.1

LIC Lamto 14.53 27 Pn Pn 00 45 33.5 +6.1 LIC Lamto 14.53 27 Pn Pn 00 45 33.5 +6.1

LIC Lamto 14.53 27 Pn Pn 00 45 33.5 +6.1 LIC Lamto 14.53 27 Pn Pn 00 45 33.5 +6.1

LIC Lamto 14.53 27 Pn Pn 00 45 33.5 +6.1 LIC Lamto 14.53 27 Pn Pn 00 45 33.5 +6.1

LIC Lamto 14.53 27 Pn Pn 00 45 33.5 +6.1 LIC Lamto 14.53 27 Pn Pn 00 45 33.5 +6.1

LIC Lamto 14.53 27 Pn Pn 00 45 33.5 +6.1 LIC Lamto 14.53 27 Pn Pn 00 45 33.5 +6.1

LIC Lamto 14.53 27 Pn Pn 00 45 33.5 +6.1 LIC Lamto 14.53 27 Pn Pn 00 45 33.5 +6.1

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LIC Lamto 14.53 27 Pn Pn 00 45 33.5 +6.1 LIC Lamto 14.53 27 Pn Pn 00 45 33.5 +6.1

LIC Lamto 14.53 27 Pn Pn 00 45 33.5 +6.1 LIC Lamto 14.53 27 Pn Pn 00 45 33.5 +6.1

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LIC Lamto 14.53 27 Pn Pn 00 45 33.5 +6.1 LIC Lamto 14.53 27 Pn Pn 00 45 33.5 +6.1

LIC Lamto 14.53 27 Pn Pn 00 45 33.5 +6.1 LIC Lamto 14.53 27 Pn Pn 00 45 33.5 +6.1

LIC Lamto 14.53 27 Pn Pn 00 45 33.5 +6.1 LIC Lamto 14.53 27 Pn Pn 00 45 33.5 +6.1

Table with columns: Race number, Name, Time, Status, and other race details. Includes entries like 120A U Bar Ranch, L, 74.98 59, 219A White Tail Can, 74.99 60, etc.

Table with columns: Race number, Name, Time, Status, and other race details. Includes entries like GAL1 comp=Z,20nm,2.1s,mb4.2, GAL1 Galloway, 77.15 345, etc.

Table with columns: Race number, Name, Time, Status, and other race details. Includes entries like MEZF Maizieres J'vi, 80.85 337, HAU Maizieres J'vi, 80.85 337, etc.

Table with multiple columns containing call sign, name, frequency, power, and other technical details for various radio stations. Includes stations like ENEZ, ATHU, CAVI, and many others.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like TRIZ, CAVI, ADVT, THL, LAKA, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like SEV, YAL, DRGR, KIS, SIM, BURAR, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like LOR, SSF, AVF, ETSF, MFF, SJJF, LDF, etc.

IDC 31 03:15:29.1.3.1, 15.04kN-147.32E, h0km, mb4.0/4, mb1 4.0/4, mb1mx3.722, mbtm4.0/4, Error ellipse: s-maj=133.0km s-min=31.6km az=86.0, Mariana Islands region

Table with columns: Code, Station Name, Frequency, Phase ID, Time, Res. Includes stations like ASAR, MKAR, BVAR, ARCES, GUC, HMBC, etc.

Table with columns for station name, frequency, and other identifiers. Includes stations like TXB Waterville, WTV Naches, NAC Ellensburg, etc.

Table with columns for station name, frequency, and other identifiers. Includes stations like D15A baz=7.0, E15A Deer Lodge, B16A M & M Farms, S, etc.

Table with columns for station name, frequency, and other identifiers. Includes stations like KARP Balcova, BLBC Balcova, ALT Altitintas, etc.

GUC 31 05:18:54.9-0.2, 33:03S-70:18W, h35km, g8km, MD3.8, ML2.6, 1C, Near coast of northern Chile

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Table with columns: UPR, University Cam, 0.17, 26, P, Pg, 06 23 34.9, 0.0, etc.

Table with columns: LAJ, Bijagal, 4.91, 125, eP, Pn, 06 32 58.7, -2.1, etc.

Table with columns: Z26A, Caprock, 25.01, 327, P, P, 06 37 07.7, -0.3, etc.

IDC 31 06:31:47.4-0.7, 12.294N-87.75W, h46km, 5km, mb4.3/12, mb1.4/6.13, mb1mx4.4/18, mbtmp4.3/13, MS4.0/17, MS1.4/0.17, ms1mx3.9/24, Error ellipse: s-maj=25.2km, s-min=12.3km, az=55.0

ISCJB 31 06:31:47.5-0.2, 12.729N-0.03:88.27W-0.02, h55km, mb5.1/124, MS4.2/24, Error ellipse: s-maj=5.5km, s-min=2.1km, az=32.1

CASC 31 06:31:47.9-2.4, 12.69N:88.31W, h58km, 30km, MD4.6, ML4.8, mb5.1 (NEIC)

BUI 31 06:31:48.0, 12.70N:88.20W, h50km, mb5.1/12, Ms5.0/14, Ms7.4/6.16

NEIC 31 06:31:49.0-0.3, 12.69N:88.20W, mb5.1/109, MD5.6(SNET), Error ellipse: s-maj=5.6km, s-min=4.0km, az=213.0

NEIC Felt [V] at San Salvador. Also felt at Antigua Cuscatlan. GCMT 31 06:31:50.5-0.4, 12.60N:88.56W, h48km, 1km, MW4.9, Moment Tensor Solution. s37,c52; s40,c57; Moment tensor: Scale 10^16Nm; Mr=2.66e17; Mw=2.51e12; Mw0-0.16e14; Mw0.94e11; Mw1.66e10; Mw0.45e13; Best double couple: M3.20000e1016 NP2:3117.00000e854.00000e789.00000e7, Principal axes: T 2.8300, P160.00000e7, Azm 22.00000e0, N 0.7000, P1g1.00000e7, Azm 17.00000e7, -3.5400, P1g9.00000e7, Azm207.00000e7; Data Used: IU II IC G CM

MOS 31 06:31:50.2-1.1, 12.77N:88.14W, h84km, mb5.0/25 Error ellipse: s-maj=13.1km, s-min=5.1km, az=110.2

ISC 31 06:31:49.4-0.2, 12.74N:0.03:88.20W-0.03, h57km, h57km, 1.6km, P-P, n679, o878/639, mb5.1/124, MS4.2/24, 194C-165D, Off coast of central America

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

Table with columns: ATAH, Atahualla, 22.02, 153, P, P, 06 36 42.8, +3.6, etc.

Table with columns: BLO, Blooming, 26.37, 3, eP, P, 06 37 19.2, -1.0, etc.

| | | | | | | |
|------|------------------------|-------|-----|----|---|-----------------|
| SDMD | Soldier's Deli | 28.40 | 19 | eP | P | 06 37 39.2 +0.7 |
| SDMD | epP | | | | | |
| SDMD | epP | | | | | |
| X20A | Quemado | 28.47 | 323 | ↑P | P | 06 37 39.8 +0.6 |
| U23A | El Rito | 28.53 | 329 | ↑P | P | 06 37 40.2 +0.6 |
| 117A | Oracle | 28.56 | 317 | ↑P | P | 06 37 40.1 +0.1 |
| V22A | San Miguel Ran | 28.58 | 327 | ↑P | P | 06 37 40.3 +0.2 |
| 216A | Three Points, | 28.70 | 314 | ↑P | P | 06 37 41.0 -0.3 |
| S25A | Roberts Cordova | 28.75 | 333 | ↑P | P | 06 37 42.0 +0.5 |
| Z17A | San Carlos Hig | 28.85 | 319 | ↑P | P | 06 37 42.5 0.0 |
| X19A | St. Johns | 28.86 | 322 | ↑P | P | 06 37 43.0 +0.4 |
| X19A | Canyon Day Jun | 28.88 | 320 | ↑P | P | 06 37 43.2 +0.4 |
| W20A | Ramah | 28.88 | 324 | ↑P | P | 06 37 43.3 +0.5 |
| V21A | Milan | 28.89 | 326 | ↑P | P | 06 37 43.6 +0.7 |
| U22A | Laves | 28.91 | 328 | ↑P | P | 06 37 43.5 +0.5 |
| T23A | Casias Ranch, | 29.00 | 330 | ↑P | P | 06 37 44.5 +0.7 |
| S24A | Houchin Ranch, | 29.09 | 331 | ↑P | P | 06 37 45.4 +0.8 |
| MV4 | Millersville | 29.09 | 319 | ↑P | P | 06 37 45.4 +0.8 |
| 116A | Eloy | 29.20 | 316 | ↑P | P | 06 37 45.4 -0.2 |
| SDCO | Great Sand Dun | 29.31 | 331 | eP | P | 06 37 47.2 +0.7 |
| X18A | Snowflake | 29.33 | 321 | ↑P | P | 06 37 47.0 +0.2 |
| V20A | Brimhall | 29.35 | 325 | ↑P | P | 06 37 47.3 +0.3 |
| U21A | Nageezi | 29.37 | 327 | ↑P | P | 06 37 48.1 +1.0 |
| SCIA | State Center | 29.39 | 352 | eP | P | 06 37 46.7 -0.4 |
| W19A | Sanders | 29.39 | 323 | ↑P | P | 06 37 47.6 +0.3 |
| T22A | Edith | 29.42 | 328 | ↑P | P | 06 37 48.3 +0.8 |
| Z16A | Peralta Trail, | 29.49 | 318 | ↑P | P | 06 37 48.0 -0.3 |
| S23A | Nye Farm, Mont | 29.51 | 331 | ↑P | P | 06 37 49.0 +0.6 |
| R24A | Sanders Place, | 29.52 | 332 | ↑P | P | 06 37 49.2 +0.8 |
| W18A | Petrified Fore | 29.60 | 322 | ↑P | P | 06 37 49.5 +0.3 |
| 214A | Organ Pipe Nat | 29.61 | 314 | ↑P | P | 06 37 49.3 0.0 |
| V19A | Window Rock | 29.61 | 324 | ↑P | P | 06 37 49.7 +0.4 |
| 115A | Sonoran Desert | 29.64 | 316 | ↑P | P | 06 37 49.4 -0.1 |
| Q25A | Bedland, Calha | 29.70 | 334 | ↑P | P | 06 37 50.4 +0.4 |
| AAM | Ann Arbor | 29.71 | 7 | eP | P | 06 37 49.5 -0.6 |
| AAM | comp-Z,44nm,0.6s,mb5.4 | | | | | |
| AAM | Ann Arbor | 29.71 | 7 | eP | P | 06 37 49.5 -0.6 |
| AAM | comp-Z,44nm,0.6s,mb5.4 | | | | | |
| T21A | Navajo Lake | 29.73 | 328 | ↑P | P | 06 37 51.0 +0.8 |
| X17A | Forest Lakes | 29.73 | 320 | ↑P | P | 06 37 51.0 +0.6 |
| U20A | Newcomb | 29.80 | 326 | ↑P | P | 06 37 50.9 0.0 |
| Y16A | Circle Bar Ran | 29.86 | 319 | ↑P | P | 06 37 51.8 +0.3 |
| S22A | 4UR Ranch, Cre | 29.95 | 330 | ↑P | P | 06 37 52.9 +0.7 |
| 114A | Black Gap (USA | 29.91 | 315 | ↑P | P | 06 37 53.8 +0.1 |
| JFWS | Jewell Farm | 30.12 | 357 | eP | P | 06 37 52.6 -1.0 |
| JFWS | comp-Z,19nm,0.5s,mb5.1 | | | | | |
| JFWS | Jewell Farm | 30.12 | 357 | eP | P | 06 37 52.6 -1.0 |
| JFWS | comp-Z,19nm,0.5s,mb5.1 | | | | | |
| U19A | Dine' College, | 30.12 | 325 | ↑P | P | 06 37 53.6 -0.2 |
| ERPA | Erie | 30.13 | 12 | eP | P | 06 37 53.6 -0.1 |
| V18A | Ganado | 30.13 | 323 | ↑P | P | 06 37 54.0 +0.2 |
| Q24A | Divide | 30.14 | 333 | ↑P | P | 06 37 54.2 +0.3 |
| P25A | Willow Gulch B | 30.17 | 335 | ↑P | P | 06 37 54.6 +0.4 |
| X16A | Lo Mia Camp, P | 30.18 | 320 | ↑P | P | 06 37 54.6 +0.3 |
| R22A | Saguache, Gunn | 30.29 | 330 | ↑P | P | 06 37 55.8 +0.5 |
| Q23A | Hartsel | 30.39 | 332 | ↑P | P | 06 37 56.9 +0.8 |
| MVCO | Mesa Verde | 30.40 | 327 | ↑P | P | 06 37 56.4 +0.2 |
| MVCO | Mesa Verde | 30.40 | 327 | eP | P | 06 37 56.1 -0.1 |
| T19A | Beclabito | 30.41 | 326 | ↑P | P | 06 37 56.3 0.0 |
| Y15A | Casa Rosa Ran | 30.47 | 318 | ↑P | P | 06 37 56.7 -0.1 |
| P24A | Kohler Place, | 30.49 | 334 | ↑P | P | 06 37 57.1 +0.2 |
| Z14A | Wintersburg | 30.52 | 316 | ↑P | P | 06 37 57.3 0.0 |
| V17A | Tonalta, Kykot | 30.58 | 322 | ↑P | P | 06 37 58.1 +0.3 |
| OGNE | Ogallala | 30.60 | 339 | eP | P | 06 37 59.6 +1.7 |
| Q25A | Wiggins | 30.66 | 336 | ↑P | P | 06 37 58.6 +0.2 |
| W16A | Flagstaff | 30.73 | 320 | ↑P | P | 06 37 59.0 +0.3 |
| 113A | Mohawk Valley, | 30.73 | 315 | ↑P | P | 06 37 59.1 -0.1 |
| P23A | Jefferson | 30.78 | 333 | ↑P | P | 06 38 00.9 +1.4 |
| R21A | Cimarron | 30.79 | 329 | ↑P | P | 06 37 59.8 +0.2 |
| S20A | Disappointment | 30.79 | 328 | ↑P | P | 06 38 00.0 +0.4 |
| PAL | Palisades | 30.82 | 21 | eP | P | 06 38 00.1 +0.3 |
| PAL | comp-Z,37nm,0.6s,mb5.4 | | | | | |
| PAL | Palisades | 30.82 | 21 | eP | P | 06 38 00.1 +0.2 |
| PAL | comp-Z,37nm,0.6s,mb5.4 | | | | | |
| WUAZ | Wupatki | 30.86 | 321 | ↑P | P | 06 38 00.7 +0.4 |
| WUAZ | Wupatki | 30.86 | 321 | eP | P | 06 38 01.2 +0.9 |
| Q22A | Crested Butte, | 30.86 | 331 | ↑P | P | 06 38 00.7 +0.4 |
| Y14A | Wickenburg | 30.90 | 317 | ↑P | P | 06 38 00.4 -0.3 |
| Z13A | Yuma Springs | 30.90 | 315 | ↑P | P | 06 38 00.7 0.0 |
| ISCO | Idaho Springs | 31.03 | 333 | eP | P | 06 38 02.4 +0.7 |
| ISCO | comp-Z,24nm,0.8s,mb5.1 | | | | | |
| ISCO | Idaho Springs | 31.03 | 333 | eP | P | 06 38 02.4 +0.7 |
| ISCO | comp-Z,24nm,0.8s,mb5.1 | | | | | |
| O24A | Longmont | 31.06 | 334 | ↑P | P | 06 38 02.4 +0.4 |
| R20A | Redvale | 31.07 | 328 | ↑P | P | 06 38 02.4 +0.3 |
| T18A | Mexican Hat | 31.10 | 325 | ↑P | P | 06 38 03.2 +0.9 |
| PV01 | Paradox Valley | 31.13 | 328 | ↑P | P | 06 38 03.3 +0.4 |
| U16A | Tuba City | 31.13 | 322 | ↑P | P | 06 38 03.1 +0.4 |
| SMCO | Snowmass | 31.14 | 331 | eP | P | 06 38 03.1 +0.3 |
| X14A | Yava | 31.15 | 318 | ↑P | P | 06 38 02.8 0.0 |
| Q21A | Lamborn Mesa, | 31.16 | 330 | ↑P | P | 06 38 03.1 +0.2 |

| | | | | | | |
|-------|-------------------------|----------------|-------|-----|----|-----------------|
| 112A | Yuma | 31.17 | 314 | ↑P | P | 06 38 02.7 -0.4 |
| W15A | Williams | 31.19 | 320 | ↑P | P | 06 38 03.5 +0.3 |
| B1NY | Binghamton | 31.21 | 18 | eP | P | 06 38 03.4 +0.1 |
| N25A | Grover | 31.25 | 336 | ↑P | P | 06 38 04.1 +0.4 |
| P22A | Eagle | 31.38 | 332 | ↑P | P | 06 38 05.2 +0.4 |
| Y13A | Salome | 31.38 | 316 | ↑P | P | 06 38 05.0 +0.1 |
| YLE | Valdada | 31.44 | 22 | eP | P | 06 38 05.9 +0.6 |
| PV04 | Paradox Valley | 31.50 | 328 | eP | P | 06 38 06.4 +0.6 |
| O23A | Lake Granby, G | 31.50 | 334 | ↑P | P | 06 38 06.4 +0.6 |
| T17A | Navajo Res., N | 31.52 | 324 | ↑P | P | 06 38 06.5 +0.3 |
| V15A | Kaibab Nationa | 31.55 | 321 | ↑P | P | 06 38 07.1 +0.7 |
| S18A | Hurst Farm, BI | 31.56 | 326 | ↑P | P | 06 38 06.7 +0.2 |
| N24A | Carr | 31.58 | 335 | ↑P | P | 06 38 07.1 +0.5 |
| R19A | Curley Farm, L | 31.61 | 327 | ↑P | P | 06 38 06.8 0.0 |
| Q20A | Ridgley Place, | 31.61 | 329 | ↑P | P | 06 38 07.1 +0.3 |
| GLA | Glamis | 31.63 | 314 | ↑P | P | 06 38 07.1 0.0 |
| GLA | Glamis | 31.63 | 314 | eP | P | 06 38 01.6 -5.5 |
| GLA | comp-Z,7.0nm,0.8s,mb4.5 | | | | | |
| GLA | Glamis | 31.63 | 314 | eP | P | 06 38 01.6 -5.5 |
| P21A | Newcastle | 31.64 | 331 | ↑P | P | 06 38 07.8 +0.7 |
| ECSD | EROS Data Cent | 31.72 | 348 | eP | P | 06 38 06.2 -1.6 |
| W14A | Selman | 31.73 | 319 | ↑P | P | 06 38 08.3 +0.3 |
| O22A | Kremmling | 31.74 | 333 | ↑P | P | 06 38 08.0 +0.1 |
| X13A | Yucca | 31.84 | 317 | ↑P | P | 06 38 09.0 +0.1 |
| PDMCI | Parker Dam,Lak | 31.87 | 317 | ↑P | P | 06 38 09.2 0.0 |
| T16A | Glen Canyon Da | 31.92 | 323 | ↑P | P | 06 38 10.3 +0.6 |
| S17A | Black Ridge (B | 31.97 | 325 | ↑P | P | 06 38 10.1 0.0 |
| V14A | Boquillas Ranc | 32.01 | 320 | ↑P | P | 06 38 10.7 +0.3 |
| R18A | Canyonlands Na | 32.01 | 327 | ↑P | P | 06 38 10.0 -0.4 |
| U15A | North Rim | 32.02 | 322 | ↑P | P | 06 38 10.6 +0.2 |
| N23A | Red Feather La | 32.02 | 334 | ↑P | P | 06 38 11.3 +0.4 |
| P20A | De Beque | 32.08 | 330 | ↑P | P | 06 38 11.1 +0.2 |
| Q19A | Hogan Spring (| 32.10 | 328 | ↑P | P | 06 38 11.0 -0.2 |
| W13A | Hualapai Mount | 32.18 | 318 | ↑P | P | 06 38 12.3 +0.4 |
| O21A | Pagoda | 32.20 | 333 | ↑P | P | 06 38 12.8 +0.8 |
| PHWY | Pilot Hill | 32.21 | 335 | eP | P | 06 38 12.7 +0.6 |
| N22A | Wattenberg Ran | 32.22 | 334 | ↑P | P | 06 38 12.9 +0.8 |
| BC3 | Big Chuckawall | 32.40 | 315 | ↑P | P | 06 38 14.1 +0.2 |
| TRY | Troy | 32.43 | 20 | eP | P | 06 38 14.6 +0.6 |
| TRY | TR Y | 32.46 | 322 | ↑P | P | 06 38 29.1 +0.8 |
| T15A | Red Dirt Ranch | 32.46 | 322 | ↑P | P | 06 38 14.8 +0.4 |
| IRM | Iron Mountain | 32.47 | 316 | ↑P | P | 06 38 14.6 +0.1 |
| P19A | Cripple Cowboy | 32.47 | 329 | ↑P | P | 06 38 14.9 +0.5 |
| R17A | Hanksville Air | 32.48 | 326 | ↑P | P | 06 38 14.7 +0.2 |
| S16A | Weppner Ranch, | 32.48 | 324 | ↑P | P | 06 38 14.8 +0.3 |
| O20A | White River Ci | 32.50 | 331 | ↑P | P | 06 38 15.2 +0.6 |
| U14A | Mt Trumbull | 32.55 | 321 | ↑P | P | 06 38 15.8 +0.6 |
| N21A | Black Mountain | 32.66 | 332 | ↑P | P | 06 38 17.1 +1.1 |
| Q18A | Rafter H Ranch | 32.66 | 327 | ↑P | P | 06 38 16.4 +0.3 |
| M22A | Ced Creek Ra | 32.77 | 333 | ↑P | P | 06 38 17.4 +0.5 |
| R16A | Teasdale | 32.81 | 325 | ↑P | P | 06 38 17.9 +0.5 |
| SRU | San Rafael | 32.88 | 327 | ↑P | P | 06 38 18.0 +0.1 |
| SRU | San Rafael | 32.88 | 327 | eP | P | 06 38 18.5 +0.6 |
| SRU | comp-Z,20nm,0.6s,mb5.2 | | | | | |
| SRU | San Rafael | 32.88 | 327 | eP | P | 06 38 18.5 +0.6 |
| SRU | comp-Z,20nm,0.6s,mb5.2 | | | | | |
| S15A | Panguitch | 32.89 | 323 | ↑P | P | 06 38 18.9 +0.8 |
| T14A | Hurricane | 32.91 | 322 | ↑P | P | 06 38 18.8 +0.5 |
| W12A | Cal Nev Ari | 32.95 | 318 | ↑P | P | 06 38 18.7 +0.1 |
| BELC | Belle Mtn. Jos | 32.97 | 315 | ↑P | P | 06 38 18.9 +0.1 |
| O19A | Miners Draw (B | 33.05 | 330 | ↑P | P | 06 38 19.2 -0.3 |
| N20A | Spence Gulch, | 33.06 | 331 | ↑P | P | 06 38 20.1 +0.6 |
| PFO | Plyon Flat Ob | 33.08 | 314 | ↑P | P | 06 38 19.8 +0.1 |
| Q16A | Castle Valley | 33.09 | 326 | ↑P | P | 06 38 20.1 +0.4 |
| P18A | Warm Springs | 33.11 | 328 | ↑P | P | 06 38 20.2 +0.2 |
| GMRC | Granite Mounta | 33.17 | 316 | ↑P | P | 06 38 20.7 +0.1 |
| V12A | Nelson | 33.19 | 318 | ↑P | P | 06 38 21.0 +0.3 |
| R15A | Junction | 33.21 | 324 | ↑P | P | 06 38 21.3 +0.4 |
| P17A | Butcher Ranch, | 33.26 | 327 | ↑P | P | 06 38 21.3 0.0 |
| COWI | Conover | 33.26 | 359 | eP | P | 06 38 19.4 -1.7 |
| COWI | comp-Z,42nm,0.6s,mb5.5 | | | | | |
| COWI | M21A | Separation Pea | 33.27 | 333 | ↑P | 06 41 01.5 -0.9 |
| M21A | comp-Z,33nm,0.8s,mb4.3 | | | | | |
| RWWY | Rawlins | 33.27 | 334 | eP | P | 06 38 22.5 +1.2 |
| MSU | Marysville | 33.36 | 325 | eP | P | 06 38 23.1 +0.9 |
| MSU | MSU | 33.38 | 328 | eP | P | 06 41 04.2 |
| TMUT | Trail Mountain | 33.38 | 327 | eP | P | 06 38 23.1 +0.8 |
| CCUT | Cedar City | 33.40 | 322 | eP | P | 06 38 23.9 +1.4 |
| U12A | Valley of Fire | 33.41 | 319 | ↑P | P | 06 38 22.9 +0.3 |
| S14A | Cedar City | 33.42 | 323 | ↑P | P | 06 38 23.0 +0.2 |
| O18A | Roosevelt | 33.47 | 329 | ↑P | P | 06 38 23.6 +0.5 |
| N19A | John Jarvie Ra | 33.54 | 331 | ↑P | P | 06 38 23.5 -0.2 |
| M20A | Sweetwater, Wa | 33.54 | 332 | ↑P | P | 06 38 24.1 +0.4 |
| L21A | Rawlins | 33.55 | 334 | ↑P | P | 06 38 24.0 +0.1 |
| ARUT | Antelope Rang | 33.60 | 322 | eP | P | 06 38 25.2 +0.9 |
| ARUT | comp-Z,9.0nm,0.6s,mb4.9 | | | | | |
| ARUT | Antelope Rang | 33.60 | 322 | eP | P | 06 38 25.2 +0.9 |
| ARUT | comp-Z,8.5nm,0.6s,mb4.8 | | | | | |
| V11A | Goodspings | 33.63 | 318 | ↑P | P | 06 38 24.8 +0.2 |
| HEC | | | | | | |

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Table with columns: ILAR, Eielson Array, 83.92 19 P, 08 03 37.5 -1.4, etc.

Table with columns: SSE, Korea Array, 58.27 327 P, 08 12 08.9 +0.9, etc.

Table with columns: TIXI, Tiksi, 85.25 350 i/P, 08 14 49.1 -0.2, etc.

IDC 31 07:55:15.2,3.4, 10:30S:163.64E, h0km, mb3.9/4, mb1.4/1.4, mb1mx3.8/15, mbtmp3.8/4, Error ellipse: s-maj=124.3km s-min=39.2km az=136.0, ISOCBJ 31 07:55:20.1,1.0, 10:1S:0.1:163.3E:0.2, h33km, mb3.7/4, Error ellipse: s-maj=33.0km s-min=15.0km az=160.0, ISC 31 07:55:22.1,0.1, 10:1S:0.1:163.4E:0.2, h33km, n9, a059/9, mb3.7/4, Bougainville - Solomon Islands region

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

Table with columns: WHN, MDJ, Mudanjiang, 62.44 313 P, 08 12 38.5 +1.9, etc.

Table with columns: D05A, Enunclaw, 87.42 41 i/P, 08 15 00.5 -0.1, etc.

IDC 31 07:58:58.2-1.9, 10:48S:163.58E, h0km, mb3.8/6, mb1.4/0.7, mb1mx3.8/16, mbtmp3.8/7, ML4.1/1, Error ellipse: s-maj=72.4km s-min=29.0km az=141.0, Bougainville - Solomon Islands region

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

Table with columns: PETK, Petropavlovsk, 63.65 356 P, 08 12 44.2 0.0, etc.

Table with columns: D05A, Enunclaw, 87.42 41 i/P, 08 15 00.5 -0.1, etc.

IDC 31 07:59:43.7-1.8, 10:91S:163.73E, h0km, mb4.0/6, mb1.4/2.6, mb1mx4.0/15, mbtmp3.9/6, Error ellipse: s-maj=68.2km s-min=30.6km az=149.0, Bougainville - Solomon Islands region

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

Table with columns: KMI, Kunming, 68.99 302 P, 08 13 21.0 +2.0, etc.

Table with columns: D05A, Enunclaw, 87.42 41 i/P, 08 15 00.5 -0.1, etc.

IDC 31 08:02:10.0,0.8, 10:75S:163.64E, h0km, mb4.4/13, mb1.4/6/14, mb1mx4.5/17, mbtmp4.4/14, ML4.1/1, Error ellipse: s-maj=32.7km s-min=17.7km az=131.0, BUI 31 08:02:12.3, 10:13S:163.60E, h8km, mb5.0/19, mb4.8/27, Ms4.8/15, Ms7.4/4/15, ISOCBJ 31 08:02:14.7,3.3, 10:61S:0.0:0.7:163.41E:0.0, h32km, 23km, mb4.6/39, MS4.5/8, Error ellipse: s-maj=11.6km s-min=7.0km az=12.7, MOS 31 08:02:15.9,0.9, 10:59S:163.35E, h44km, mb4.9/9, Error ellipse: s-maj=10.8km s-min=9.5km az=12.3, NEIC 31 08:02:16.5,0.3, 10:54S:163.41E, h25km, mb4.6/13, Error ellipse: s-maj=10.0km s-min=6.7km az=147.0, ISC 31 08:02:15.6,2.7, 10:61S:0.0:0.7:163.47E:0.0, h27km, 19km, h16km, 1.2km:pp-P, n207, a066/194, mb4.6/39, MS4.5/8, 65C-58D, Bougainville - Solomon Islands region

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

Table with columns: CD2, Chengdu, 70.56 308 P, 08 13 30.5 +1.9, etc.

Table with columns: D05A, Enunclaw, 87.42 41 i/P, 08 15 00.5 -0.1, etc.

Table with columns: HNR, Honiara, 3.66 288 Pn, 08 03 10.6 +0.2, etc.

Table with columns: LZH, Lanzhou, 72.81 313 eP, 08 13 44.5 +2.4, etc.

Table with columns: D05A, Enunclaw, 87.42 41 i/P, 08 15 00.5 -0.1, etc.

Table with columns: ARMA, Armidale, 22.58 207 eP, 08 07 14.5 +0.5, etc.

Table with columns: SEY, Seymchan, 73.81 355 i/P, 08 13 47.2 -0.1, etc.

Table with columns: D05A, Enunclaw, 87.42 41 i/P, 08 15 00.5 -0.1, etc.

Table with columns: ID, Name, Az, El, P, R, S, T, U, V, W, X, Y, Z. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, T15A Red Dirt Ranch, etc.

ICD 31 08:07:35.7-0.8, 10.475S, 163.64E, h0km, mb4,4/15, mb1 4.6/16, mb1mx4.6/17, mbtmp4,4/16, ML4,3/1, MS4.6/16, Ms1 4.6/16, ms1mx4.5/17, Error ellipse: s-maj=29.3km s-min=17.7km az=132.0

Table with columns: Code, Station Name, Az, El, P, R, S, T, U, V, W, X, Y, Z. Includes stations like HNR Honiara, DZM Mont Dzumac, PMG Port Moresby, etc.

Table with columns: Name, Az, El, P, R, S, T, U, V, W, X, Y, Z. Includes stations like PET comp=Z,100nm,21.3s, PET comp=Z,300nm,15.0s, MS4.6, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DMN Daman, KKN Kakani, PKIN Pulchoko, etc.

IDC 31 08:43:21.9±1.8, 10.765x163.29E, h0km, mb3.8/5, mb1 4.1/6, mb1mx3.9/16, mbtmp3.9/6, ML3.6/1, MS3.6/3, Ms1 3.6/3, ms1mx3.3/21, Error ellipse: s-maj=67.1km s-min=26.9km az=140.0, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CTA Charters Tower, STKA Stephens Creek, GUMO Guam, etc.

BUI 31 08:47:15.8, 35.04N, 92.31E, h15km, ML3.6/5, Ms3.6/2, IDC 31 08:47:25.1±1.6, 35.433N, 92.40E, h0km, mb3.5/2, mb1 3.7/4, mb1mx3.4/23, mbtmp3.6/4, ML3.5/2, Error ellipse: s-maj=68.7km s-min=23.0km az=57.0, Qinghai

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WMQ Urumqi, MKAR Makanchi Array, SONM Songino Array, etc.

ISCJB 31 09:06:00.7±2.9, 51.7N, 0.1±1.171, 220W, 0.09, h8km, 20km, mb3.6/4, Error ellipse: s-maj=22.1km s-min=7.7km az=167.3

IDC 31 09:06:00.3±1.4, 51.797N, 171.51W, h0km, mb3.5/3, mb1 3.7/5, mb1mx3.4/24, mbtmp3.4/6, ML3.5/2, Error ellipse: s-maj=55.3km s-min=26.9km az=172.0

NEIC 31 09:06:05.4, 51.767N, 171.171W, h32km, ML3.6(PMR), ML3.5(AEIC), After AEIC.

ISC 31 09:06:01.6±3.7, 51.8N, 0.1±1.171, 24W, 0.09, h3km, 24km, n11, ±0.90/13, mb3.6/4, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ATKA Atka Island, UNV Unalaska Valle, AKGG Akutan Green G, etc.

IDC 31 09:33:44.9±2.4, 13.60N, 90.41W, h10km, 13km, mb4.3/12, mb1 4.5/14, mb1mx4.3/22, mbtmp4.3/14, ML3.5/2, MS3.7/13, Ms1 3.8/13, ms1mx3.6/21, Error ellipse: s-maj=51.0km s-min=12.5km az=60.0

CASC 31 09:33:50.2±1.2, 13.319N, 90.75W, h24km, 7km, MD4.4, ML3.9, mb4.6(NEIC)

ISCJB 31 09:33:51.0±0.5, 13.53N, 0.03±0.68W, 0.04, h69km, 4km, mb4.5/69, Error ellipse: s-maj=7.4km s-min=3.4km az=44.7

NEIC 31 09:33:52.0±0.8, 13.54N, 90.67W, h60km, 7km, mb4.6/68, Error ellipse: s-maj=9.0km s-min=5.5km az=51.0

MOS 31 09:33:53.0±1.2, 13.61N, 90.52W, h88km, mb4.7/15, Error ellipse: s-maj=16.0km s-min=6.1km az=110.9

ISC 31 09:33:52.0±0.4, 13.61N, 0.04±0.907W, 0.04, h58km, 4km, n448, ±0.90/440, mb4.5/69, MS3.9/16, 120C-136D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like FUG Fuego 3, NBG Las Nubes, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SBL5 San Blas, JAT Jato, TP2 Tecpan 2, etc.

CMIG comp=Z, 69nm, 0.3s, baz=50, slow=21, SNR=6.4

CMIG Matias Romero 5.34 311 Pn Pn 09 35 07.0 -2.6

CMIG Matias Romero 5.34 311 Pn Pn 09 35 07.0 -2.6

CMIG Matias Romero 5.34 311 Pn Pn 09 35 07.0 -2.6

CMIG Matias Romero 5.34 311 Pn Pn 09 35 07.0 -2.6

CMIG Matias Romero 5.34 311 Pn Pn 09 35 07.0 -2.6

CMIG Matias Romero 5.34 311 Pn Pn 09 35 07.0 -2.6

CMIG Matias Romero 5.34 311 Pn Pn 09 35 07.0 -2.6

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CMIG Matias Romero 5.34 311 Pn Pn 09 35 07.0 -2.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TKL Tuckaleechee C, 125A Gardner Draw, etc.

TKL comp=Z, 397nm, 21.3s, MS3.8

TKL Tuckaleechee C 22.82 15 eP P 09 38 49.6 -0.9

TKL Gardner Draw 22.82 328 P P 09 38 50.6 -0.5

TKL Gardner Draw 22.82 328 P P 09 38 50.6 -0.5

TKL Gardner Draw 22.82 328 P P 09 38 50.6 -0.5

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TKL Gardner Draw 22.82 328 P P 09 38 50.6 -0.5

Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes entries like X18A Snowflake, Z16A Peralta Trail, V20A Brimhall, etc.

Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes entries like TUQ Turquoise Moun, ARUT Antelope Range, S18A Roosevelt, etc.

Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes entries like L10A Juniper Basin, HLID Hailey, HLID Hailey, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SCHQ Schefferville, SCHO Schöffelville, SCHQ Las Campanas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VLS Valsamata, KFL Anninata, LK2D Lefkada island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LK2D Lefkada island, RLS Riolos of Patr, etc.

ICD 31 10:20:11.5:3.2:55.55N:86.25E, h0km, mb1 3.3/2, mb1mx3.2/24, mbmp3.3/2, ML3.3/2, Error ellipse: s-maj=32.5km s-min=17.0km az=75.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZALV Zalesovo Beam, ZALV Riolos of Patr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUC 31 10:33:41.0:0.8:207.71S:69.45W, h118km, 10km, ML3.6, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HMCB Humberston, PSGC Pisagua, etc.

ICD 31 10:57:30.5:0.8:15.04S:177.54W, h0km, mb4.0/8, mb1 4.2/8, mb1mx4.0/18, mbmp4.0/8, MS3.9/13, Ms1 3.9/13, ms1mx3.8/18, Error ellipse: s-maj=37.5km s-min=23.5km az=139.0

NEIC 31 10:57:31.9:0.6:15.24S:177.30W, h10km, mb4.7/12, Error ellipse: s-maj=28.8km s-min=15.2km az=151.0

ISC 31 10:57:34.1:0.7:15.05S:0.2:177.7W:0.2, h33km, mb4.3/20, MS3.9/12, Error ellipse: s-maj=33.2km s-min=18.2km az=142.2

ISC 31 10:57:36.0:0.7:15.05S:0.2:177.7W:0.2, h35km, n49, o34/22, mb4.3/20, MS3.9/12, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalu, AFI Matsuhiro Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARS Alice Springs, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HRY Hutter Researc, MAW Mawson, etc.

ICD 31 11:01:06.0:6.3:23.60S:179.06E, h652km, 80km, mb3.2/8, mb1 3.4/8, mb1mx3.2/16, mbmp3.2/8, Error ellipse: s-maj=37.0km s-min=26.8km az=75.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARMA Armadale, CTA Charters Tower, etc.

ISK 31 11:35:06.6:39.64N:33.36E, h11km, ML2.6, ISCJB 31 11:35:08.5:0.7:39.70N:0.04:33.38E:0.05, h11km, 6km, Error ellipse: s-maj=6.8km s-min=6.0km az=8.6

DDA 31 11:35:08.8:39.75N:33.39E, h7km, 1km, Md3.0, CSEM 31 11:35:08.3:0.2:39.67N:33.39E, h15km, Md3.0, Error ellipse: s-maj=6.6km s-min=4.8km az=1.0

ISC 31 11:05:08.9:0.6:39.58N:0.05:33.38E:0.04, h16km, 5km, n10, o49/30, Turkey

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

CSEM 31 11:37:57.2:0.2:27.75N:55.16E, h10km, ML3.8, Error ellipse: s-maj=8.6km s-min=3.7km az=15.0, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BNDS Bandar-Abbas, KRBR Kerman, etc.

ICD 31 12:03:19.6:1.9:11.17S:164.10E, h0km, mb3.7/4, mb1 4.1/4, mb1mx3.7/15, mbmp3.7/4, MS3.3/5, Ms1 3.3/5, ms1mx2.9/18, Error ellipse: s-maj=86.2km s-min=29.8km az=148.0, Santa Cruz Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CTA Charters Tower, STKA Stephens Creek, etc.

ICD 31 12:05:36.8:1.5:6.45N:77.38W, h0km, mb3.2/2, mb1 3.7/3, mb1mx3.5/17, mbmp3.3/3, ML2.4/1, Error ellipse: s-maj=92.7km s-min=24.8km az=36.0, Near west coast of Colombia

31d 13h

Table with columns: ROSC, EI Rosal, 3.42 117 Pn, 12 06 32.6 +1.1, 7.2nm, 0.3s, baz=85, slow=17, SNR=4.2

PDG 31 12:20:12.4:0.4, 36.88N, 19.99E, h8km, 11km, MD4.1/1, ML4.0/9, Error ellipse: s-maj=330.0km s-min=43.5km az=90.0

ISCJB 31 12:20:20.8:0.5, 37.69N, 0.02:21.32E:0.02, h1km, 3km, mb4.0/14, MS3.2/5, Error ellipse: s-maj=4.0km s-min=2.8km az=29.6

IDC 31 12:20:21.5:1.3, 38.17N:21.66E, h0km, mb3.9/10, mb1.3/9/11, mb1mx3.8/27, mbtmp3.9/11, MS3.3/5, Ms1.3/3.5, ms1mx2.7/35, Error ellipse: s-maj=26.3km s-min=23.5km az=136.0

CSEM 31 12:20:22.0:0.2, 37.71N:21.37E, h2km, ML3.9, Error ellipse: s-maj=4.5km s-min=3.3km az=38.0

THE 31 12:20:22.3, 37.68N:21.39E, h4km, ML4.5/9, Error ellipse: s-maj=0.8km s-min=0.7km az=23.3

NEIC 31 12:20:23.6, 37.79N:21.37E, h19km, mb4.3/2, ML4.0(PDG), ML3.9(ATH), After ATH.

ATH 31 12:20:23.6, 37.79N:21.38E, h17km, ML3.9, MOS 31 12:20:24.6:1.0, 37.80N:21.31E, h58km, mb4.1/6, Error ellipse: s-maj=9.1km s-min=4.5km az=80.2

ISC 31 12:20:0.5, 37.69N, 0.02:21.36E:0.02, h1km, 3km, n222, s1928/282, mb4.1/14, MS3.2/5, 17C-14D, Southern Greece

Main table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC, h, m, s, ISC

2008 JUL

Main table with columns: XOR, Xorichiti, 2.21 40 P, 12 20 59.4 -0.4, 2.21 40 P, 12 20 59.4 -0.4

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Main table with columns: OBN, Obninsk, 20.26 26 i, 12 24 53.3 -5.3, 20.26 26 i, 12 24 53.3 -5.3

| | | | | | | | |
|------|---|---------------|----------|----|----|------------|------|
| KK31 | SNR=9.7 | Karayat Array | 6.45 300 | Ph | Pn | 13 24 24.2 | +2.3 |
| | comp=E,0.9nm,0.6s,baz=33,slow=15,SNR=7.2 | | | | | | |
| KK31 | ILg | | | | | 13 25 51.7 | |
| | comp=E,1.3nm,0.6s,baz=170,slow=20,SNR=6.4 | | | | | | |

ISCJB 31 13:25:15.3:0.7, 13:00N,0:07:125:46E,0:08,h37km, mb3.7/8, Error ellipse: s-maj=11.8km s-min=10.2km az=13.4

IDC 31 13:25:17.6:1.2, 13:09N,125:66E,h37km, Error ellipse: s-maj=4.13km s-min=17.5km az=69.0

NEIC 31 13:25:17.8:0.8, 12:38N,125:49E,h35km,mb4.1/1, Error ellipse: s-maj=1.6km s-min=1.6km az=63.0

ISC 31 13:25:17.7:0.8, 12:37N,125:49E,h35km, (h40km,2.3km;pP-P,11),0998/13,mb3.7/8,Samar

| Code | Station Name | Δ° | AZ° | Phase ID | Op | ISC | h | m | s | ISC | Time | Res |
|------|---|-------|-----|----------|----|-----|----|----|------|------|------|-----|
| CNP | Catarman | 0.83 | 237 | eP | S | Pn | 13 | 25 | 36.7 | +3.7 | | |
| CNP | Virac | 1.34 | 298 | eP | S | Pn | 13 | 25 | 43.5 | +0.6 | | |
| PVCP | Virac | 1.34 | 298 | eP | S | Pn | 13 | 25 | 39.3 | -0.7 | | |
| APYP | Conner | 6.29 | 321 | eP | S | Pn | 13 | 26 | 47.8 | -0.2 | | |
| KSRS | Korea Array | 24.48 | 5 | P | P | P | 13 | 30 | 30.8 | -2.8 | | |
| | 0.8nm,0.9s,mb3.2,baz=160,slow=9.8,SNR=4.3 | | | | | | | | | | | |
| CMAR | Chiang Mai Arr | 26 | 225 | P | P | P | 13 | 30 | 48.7 | +1.0 | | |
| | 0.3nm,0.4s,mb4.1,baz=34,slow=1.1,SNR=4.6 | | | | | | | | | | | |
| CMAR | Tennant Creek | 37.7 | 169 | P | P | P | 13 | 31 | 00.0 | +2.4 | | |
| | 1.1nm,0.8s,baz=92,slow=7.6,SNR=2.7 | | | | | | | | | | | |
| WRAB | Tennant Creek | 37.7 | 169 | P | P | P | 13 | 31 | 56.7 | -0.5 | | |
| | 1.9nm,0.8s,mb4.1 | | | | | | | | | | | |
| ASAR | Alce Springs | 37.36 | 167 | P | P | P | 13 | 32 | 26.8 | -0.3 | | |
| | 1.8nm,0.7s,mb4.0,baz=357,slow=8.0,SNR=35 | | | | | | | | | | | |
| ASAR | Alce Springs | 37.36 | 167 | P | P | P | 13 | 34 | 45.2 | -0.7 | | |
| | 0.3nm,0.8s,baz=347,slow=2.9,SNR=3 | | | | | | | | | | | |
| SONM | Songino Array | 38.20 | 339 | P | P | P | 13 | 32 | 44.0 | +0.4 | | |
| | 0.4nm,0.5s,mb3.4,baz=139,slow=6.8,SNR=2.5 | | | | | | | | | | | |
| STKA | Stephens Creek | 47.23 | 161 | P | P | P | 13 | 33 | 48.0 | +0.7 | | |
| | 2.0nm,0.8s,mb1.1,baz=330,slow=12,SNR=4.1 | | | | | | | | | | | |
| MKAR | Makanchi Array | 49.37 | 322 | P | P | P | 13 | 34 | 05.0 | +1.3 | | |
| | 0.5nm,0.6s,mb3.7,baz=120,slow=7.4,SNR=4.5 | | | | | | | | | | | |
| MKAR | Makanchi Array | 49.37 | 322 | P | P | P | 13 | 34 | 15.1 | +0.9 | | |
| | 1.2nm,0.7s,baz=110,slow=9.4,SNR=5.5 | | | | | | | | | | | |
| KURK | Kurchatov | 53.36 | 325 | P | P | P | 13 | 34 | 33.7 | +0.1 | | |
| | 0.9nm,0.6s,mb3.9,baz=120,slow=8.2,SNR=6.5 | | | | | | | | | | | |
| KURK | Kurchatov | 53.36 | 325 | P | P | P | 13 | 34 | 44.5 | +0.4 | | |
| | 1.3nm,0.6s,baz=123,slow=7.3,SNR=6.5 | | | | | | | | | | | |

ISCJB 31 13:33:54.6:0.5, 35:44N,0:03:70:58E,0:05,h84km,7km, mb3.7/8, Error ellipse: s-maj=6.6km s-min=5.0km az=1.9

IDC 31 13:33:54.2:0.5, 35:53N,70:29E,h73km,42km,mb3.6/8, mb1.3/8.1,mb1mx3.6/29,mbtmp3.7/13,ML3.6/5, Error ellipse: s-maj=32.4km s-min=19.4km az=31.0

BUI 31 13:33:55.5, 35:50N,70:40E,h84km,mb4.2/1,mb4.3/1

NEIC 31 13:33:56.5:0.7, 35:50N,70:39E,h84km,6km,mb4.8/1, Error ellipse: s-maj=10.3km s-min=6.8km az=122.0

NNC 31 13:34:06.4:9.36,77N:69:93E,h0km,mb4.2,mpv4.0, Error ellipse: s-maj=41.8km s-min=38.9km az=101.0

ISC 31 13:33:56.0:0.4, 35:41N,0:03:70:57E,0:05,h83km,6km, n55,+1923771,mb3.7/8,3C-5D,Hin5,Kush region

| Code | Station Name | Δ° | AZ° | Phase ID | Op | ISC | h | m | s | ISC | Time | Res |
|-------|---|-------|-----|----------|-----|-----|----|----|------|------|------|-----|
| KBL | Kabul | 1.52 | 236 | eP | S | Pn | 13 | 34 | 21.8 | +0.1 | | |
| KBL | Kabul | 1.52 | 236 | eP | S | Pn | 13 | 34 | 41.5 | +0.3 | | |
| CEP | Cherat | 1.93 | 145 | P | P | Pn | 13 | 34 | 29.5 | +2.6 | | |
| CEP | Cherat | 1.93 | 145 | P | P | Pn | 13 | 34 | 56.0 | +5.3 | | |
| THW | Thamhe Wali | 2.78 | 159 | P | P | Pn | 13 | 34 | 38.7 | +0.2 | | |
| CHCP | Chirah Chowk | 2.83 | 127 | P | P | Pn | 13 | 34 | 41.9 | +2.8 | | |
| THN | Thein Dam | 5.21 | 123 | ePKP | S | Pn | 13 | 35 | 11.7 | +0.3 | | |
| THN | Thein Dam | 5.21 | 123 | ePKP | S | Pn | 13 | 35 | 18.1 | | | |
| KSH | Kashi | 5.94 | 45 | P | S | Pn | 13 | 35 | 18.8 | -2.5 | | |
| KSH | Kashi | 5.94 | 45 | P | S | Pn | 13 | 35 | 19.8 | -8.1 | | |
| KSH | Kashi | 5.94 | 45 | P | S | Pn | 13 | 35 | 19.8 | -8.1 | | |
| | comp=N,230nm,0.6s | | | | | | | | | | | |
| | | | | | | | | | | | | |
| BHK | Ghandak | 6.30 | 128 | ex | x | Pn | 13 | 35 | 50.2 | | | |
| SDNR | Sundarnagar | 6.62 | 124 | ePKP | S | Pn | 13 | 35 | 29.5 | -1.1 | | |
| SDNR | Sundarnagar | 6.62 | 124 | ePKP | S | Pn | 13 | 35 | 43.5 | -1.1 | | |
| SMLA | Simla | 6.98 | 126 | P | P | Pn | 13 | 35 | 35.4 | -0.2 | | |
| SMLA | Simla | 6.98 | 126 | P | P | Pn | 13 | 35 | 51.0 | -2.5 | | |
| SMLA | Simla | 6.98 | 126 | P | P | Pn | 13 | 35 | 51.1 | -2.1 | | |
| AML | Almayashu | 7.14 | 19 | P | P | Pn | 13 | 35 | 38.6 | +0.9 | | |
| | SNR=54 | | | | | | | | | | | |
| AML | Almayashu | 7.14 | 19 | eP | P | Pn | 13 | 35 | 38.4 | +0.8 | | |
| UCH | Uchtor | 7.47 | 23 | P | S | Pn | 13 | 37 | 08.0 | +2.7 | | |
| | SNR=14 | | | | | | | | | | | |
| UCH | Uchtor | 7.47 | 23 | eP | S | Pn | 13 | 35 | 43.4 | +1.2 | | |
| | comp=E,6.9nm,0.5s | | | | | | | | | | | |
| UCH | Kalpa | 7.49 | 119 | ePKP | S | Pn | 13 | 37 | 04.3 | -1.0 | | |
| KLP | Kalpa | 7.49 | 119 | ePKP | S | Pn | 13 | 35 | 44.0 | +1.4 | | |
| KLP | Kalpa | 7.49 | 119 | ePKP | S | Pn | 13 | 35 | 46.5 | | | |
| KZA | Kyzart | 7.60 | 27 | eP | S | Pn | 13 | 37 | 03.4 | -2.5 | | |
| | SNR=18 | | | | | | | | | | | |
| EKS2 | Erkin-Say | 7.66 | 18 | P | P | Pn | 13 | 35 | 45.6 | +0.9 | | |
| EKS2 | Erkin-Say | 7.66 | 18 | eP | P | Pn | 13 | 35 | 45.3 | +0.5 | | |
| | SNR=9.3 | | | | | | | | | | | |
| EKS2 | Karayat Array | 7.68 | 360 | P | S | Pn | 13 | 37 | 02.5 | -7.3 | | |
| KK31 | Karayat Array | 7.68 | 360 | P | S | Pn | 13 | 35 | 44.3 | +0.8 | | |
| | comp=Z,6.9nm,0.4s,baz=173,slow=12,SNR=91 | | | | | | | | | | | |
| AAK | Ala-Archa | 7.83 | 22 | P | P | Pn | 13 | 35 | 59.9 | -11 | | |
| | comp=Z,1.9nm,0.3s,baz=183,slow=26,SNR=4.3 | | | | | | | | | | | |
| AAK | Ala-Archa | 7.83 | 22 | P | P | Pn | 13 | 35 | 48.4 | +1.3 | | |
| | SNR=7.2 | | | | | | | | | | | |
| AAK | Ala-Archa | 7.83 | 22 | P | P | Pn | 13 | 35 | 46.8 | -0.4 | | |
| | comp=Z,4.9nm,0.3s,baz=181,slow=7.7,SNR=15 | | | | | | | | | | | |
| AAK | Ala-Archa | 7.83 | 22 | P | P | Pn | 13 | 37 | 13.7 | -0.4 | | |
| | comp=Z,4.9nm,0.3s,baz=108,slow=20,SNR=15 | | | | | | | | | | | |
| AAK | Ala-Archa | 7.83 | 22 | P | P | Pn | 13 | 35 | 46.8 | -0.4 | | |
| | comp=Z,4.9nm,0.3s,baz=108,slow=20,SNR=15 | | | | | | | | | | | |
| ADI | Dehra Dun | 8.09 | 127 | S | x | Pn | 13 | 37 | 13.7 | -0.4 | | |
| DDI | Dehra Dun | 8.09 | 127 | S | x | Pn | 13 | 36 | 11.2 | | | |
| CHMS | Chumysh | 8.24 | 22 | P | P | Pn | 13 | 35 | 53.8 | +1.1 | | |
| | SNR=8.9 | | | | | | | | | | | |
| TKM2 | Tokmak 2 | 8.46 | 26 | eP | Ph | Pn | 13 | 35 | 56.7 | +1.1 | | |
| | comp=Z,5.3nm,0.6s | | | | | | | | | | | |
| TKM2 | Tokmak 2 | 8.46 | 26 | eP | Ph | Pn | 13 | 35 | 57.0 | +1.4 | | |
| | SNR=16 | | | | | | | | | | | |
| TKM2 | Tokmak 2 | 8.46 | 26 | eP | Ph | Pn | 13 | 35 | 56.5 | +0.9 | | |
| | comp=Z,1.0nm,0.5s | | | | | | | | | | | |
| KHET | Khetri | 8.56 | 147 | ePKP | S | Pn | 13 | 35 | 57.0 | -0.1 | | |
| KHET | Khetri | 8.56 | 147 | ePKP | S | Pn | 13 | 35 | 26.5 | -5.6 | | |
| JOSI | Joshimath | 8.97 | 120 | ePKP | Amb | AMB | 13 | 36 | 01.2 | -1.5 | | |
| | comp=Z,8.3nm,0.5s | | | | | | | | | | | |
| JOSI | Joshimath | 8.97 | 120 | ePKP | Amb | AMB | 13 | 36 | 04.6 | | | |
| | comp=Z,8.3nm,0.5s | | | | | | | | | | | |
| AGRA | Agra | 10.30 | 140 | eS | S | Pn | 13 | 37 | 37.3 | -4.7 | | |
| MKAR | Makanchi Array | 14.38 | 34 | P | P | Pn | 13 | 37 | 16.0 | +0.6 | | |
| | comp=Z,2.1nm,0.3s,baz=220,slow=10,SNR=3.3 | | | | | | | | | | | |
| AB31 | Abkula array | 15.89 | 334 | Ph | Pn | Pn | 13 | 37 | 33.0 | -1.5 | | |
| | comp=Z,2.8nm,0.6s,baz=171,slow=13,SNR=384 | | | | | | | | | | | |
| AB31 | Abkula array | 15.89 | 334 | eP | Ph | Pn | 13 | 40 | 17.5 | -12 | | |
| | comp=Z,3.9nm,0.5s,baz=162,slow=23,SNR=8.9 | | | | | | | | | | | |
| ABKAR | Abkula array | 15.89 | 334 | eP | Ph | Pn | 13 | 37 | 32.2 | -2.3 | | |
| | comp=Z,3.7nm,0.6s | | | | | | | | | | | |
| KURBB | Kurchatov Arr | 16.27 | 18 | Ph | Pn | Pn | 13 | 37 | 39.9 | +0.7 | | |
| | comp=Z,0.5nm,0.8s | | | | | | | | | | | |
| KURK | Kurchatov | 16.37 | 18 | Ph | Pn | Pn | 13 | 37 | 43.5 | +2.9 | | |
| | comp=Z,4.9nm,1.1s | | | | | | | | | | | |
| KURK | Kurchatov | 16.37 | 18 | P | P | Pn | 13 | 37 | 36.4 | -4.1 | | |
| | comp=Z,0.0nm,0.3s,baz=211,slow=12,SNR=2.3 | | | | | | | | | | | |
| VOSK | Vostochnaya | 17.31 | 1 | Pn | Pn | Pn | 13 | 37 | 50.3 | -1.8 | </ | |

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like HATERUMA JIMA, MINGJIAN, WNT, etc.

WEL 31 20:51:07.3-0.7, 38.55S-175.37E, h139km, gkm, ML3.5/8, Error ellipse: s-maj=11.2km s-min=6.7km az=90.0, North Island

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like BKZ, MCHZ, PNHZ, etc.

IDC 31 20:53:37.6-1.6, 44.31N-129.14W, h0km, mb3.4/5, mb1 3.8/7, mb1mx3.6/26, mbtimp3.5/7, ML3.4/2, MS3.3/8, Ms1 3.3/8, ms1mx3.1/19, Error ellipse: s-maj=57.7km s-min=15.0km az=43.0

ISCJCB 31 20:53:38.0-0.4, 44.31N-129.14W, h10km, mb3.4/5, MS3.3/4, Error ellipse: s-maj=13.0km s-min=7.1km az=137.2

NEIC 31 20:53:39.3-1.1, 44.31N-129.20W, h10km, mb3.8/3, Error ellipse: s-maj=15.9km s-min=10.4km az=53.0

ISC 31 20:53:39.7-0.9, 44.31N-129.17W, h0.1, h10km, n34, r=122/30, mb3.4/5, MS3.3/4, Off coast of Oregon

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like NLWA, HUMO, RLV, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like WMOK, SCHO, SONM, etc.

NIED 31 21:01:00.23:70N; 121:50E, h5km, Mw4.2 Best double couple: M=2.21000x10^15 NP1.3e+45,00000.0, delta.00000.0, 1.74,00000.0 NP2.3e+271,00000.0, delta.00000.0, 1.134,00000.0

JMA 31 21:01:54.9, 23:73N; 121:16E, h9km, ML4.3, B TAP 21:01:54.9, 23:73N; 121:16E, h9km, ML4.3, B NEIC 31 21:01:55.1, 23:73N; 121:56E, h17km, mb4.0/6, ML4.7(TAP), After TAP.

NEIC Recorded [4 TAP] in Hua-lien and [1 TAP] in Tai-tung, IDC 31 21:02:00.9-5.5, 23:71N-121:17E, h64km, 52km, mb3.5/10, mb1 3.6/12, mb1mx3.5/25, mbtimp3.5/12, ML3.9/1, MS3.1/5, Ms1 3.1/5, ms1mx2.7/23, Error ellipse: s-maj=23.3km s-min=22.8km az=20.0

BUL 31 21:02:03.2, 24:15N; 121:11E, h17km, mb4.4/6, mb4.1/17, ML4.0/7, Ms4.2/10, Ms7.4, 1/9

ISC 31 21:01:54.6-0.3, 23.69N; 121:17E, h12km, 2km, n123, r1906/169, mb3.8/16, MS3.2/2, IC-22D, Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like TEGC, ESF, ESF, etc.

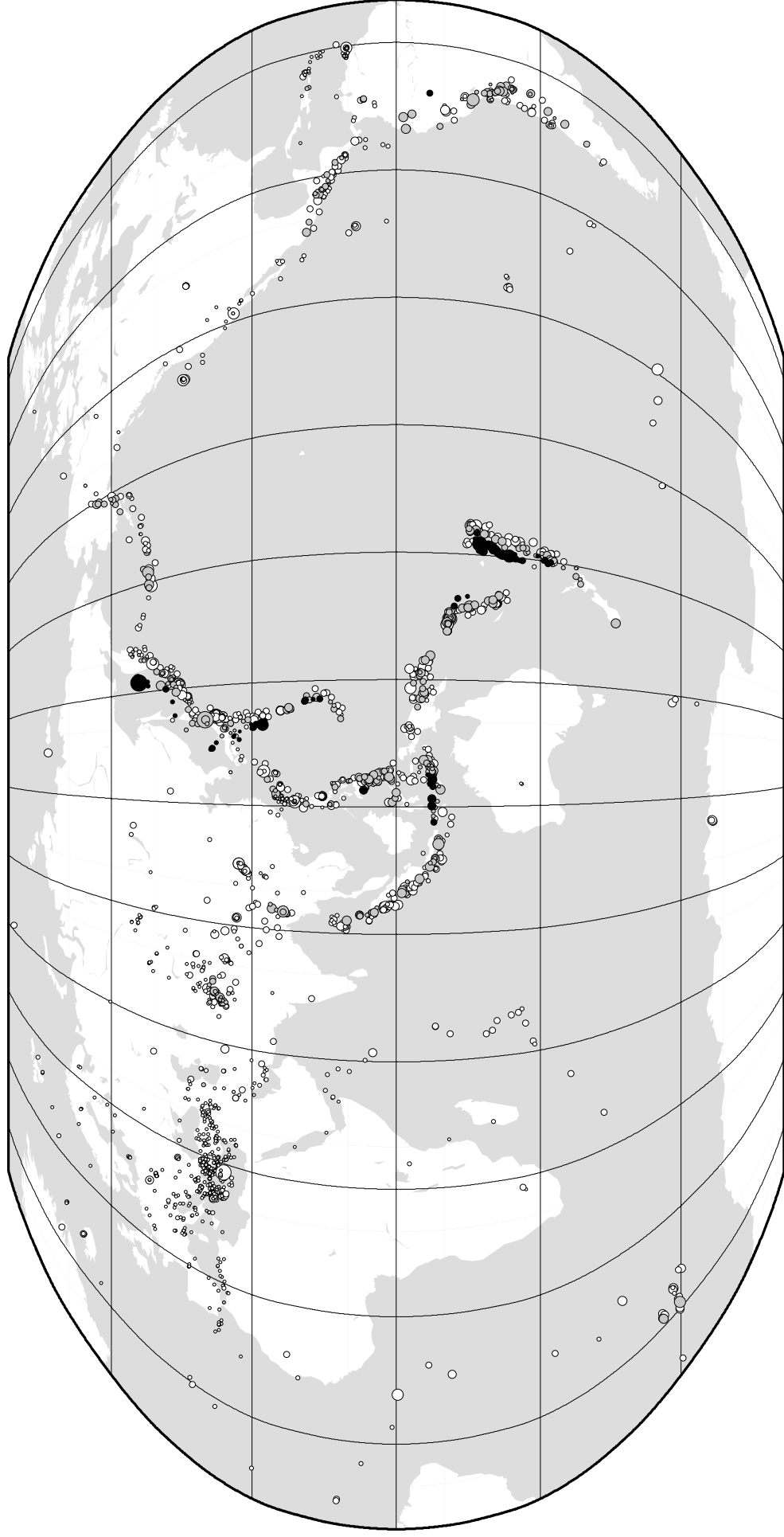
Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like TWA, HSN, HSN, etc.

BJ1 31 23:49:03.5, 41°51'N, 81°58'E, h26km, ML3, 6/9
NNC 31 23:49:09.4, 3.6, 42°11'N, 81°19'E, h11km, 20km, mb3.9,
mpv3.6, Error ellipse: s-maj=26.4km s-min=16.5km
az=151.0

ISC 31 23:49:03.0, 0.9, 41.64N, 0.04, 81.24E, 0.04, h8km, 6km,
n52, c1504/69, mb3.8/7, 7C-6D, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth (A), Azimuth (AZ), Phase ID, ISC, Time (h m s), Res (ISC). Rows include stations like Almaty, Alma-Ata, Kashi, Uchtor, Ala-Archa, Makanchi Array, Erkin-Say, Almayashu, Karatay Array, Kurchatov, Chirah Chowk, Cherat, Thame Wali, Kabul, Zalesovo Array, Borovoye Array, Akbulak array, Talaya, Aktyubinsk, Songino Array, Ulaanbaatar, Arti, Chiang Mai, Chiang Mai Arr, Keskin Array S, Keskin Array B, ARCESS Array B, Kalwaria Pacla, Kalwaria Pacla, Norsar Subarra, Norsar Array B, Walferdange, Alice Springs.

ISC Computed Locations for July 2008



Robinson Projection, centred on 0°N,130°E

